

Luminaires



INSPIRATIONAL BOARD

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- SAP Education Newscast, Episode 016 - Wissenspartnership
- Mindtrack - Learning Podcast
- PDF - Heißt das, Morgen gestalten
- CS19

Lies mal:

- Yuval Noah Harari - 21 Lessons für das 21. Jhd.
- The Culture Code - the secrets of highly successful groups

Schau mal:

- WIRED: 5 Levels
- Am Wochenende einfach Offline sein

Luminaires

MITA



NEW 314

recessed

ceiling

COMBO



334

recessed

VELA



342

surface



suspended

SONO



356

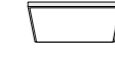
recessed

surface



loop surface

FLOW



374

surface

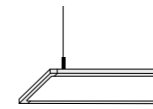
JANE



NEW 380

semi-recessed surface suspended

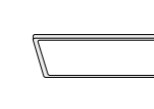
DESO



NEW 394

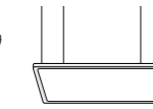
suspended

TASK

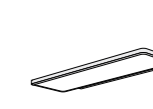


400

surface / acoustic



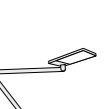
suspended / acoustic



wall

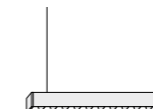


free standing



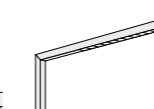
table

BETO



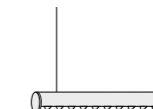
460

suspended



free standing

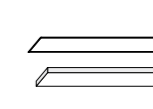
SETA



NEW 484

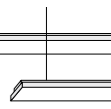
suspended

LENO



490

recessed semi-recessed



surface / suspended

MINIMAL



508

recessed

FRAME



516

recessed trim

CANYON



526

recessed offset

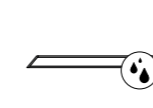
MINO



532

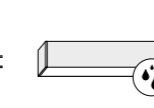
surface / suspended

BASO



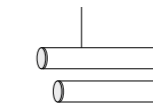
556

recessed



surface

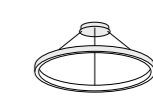
TUBO



NEW 568

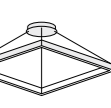
surface / suspended

INO



580

circle suspended



square suspended

MINO CIRCLE



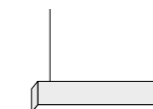
594

ceiling / acoustic



suspended / acoustic

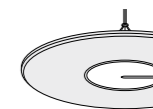
LITO



610

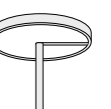
suspended

SONIC



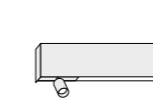
616

suspended / acoustic



free standing / acoustic

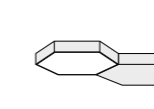
LINEA



NEW 632

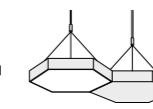
wall

HEX-O



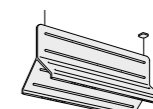
638

ceiling / acoustic



suspended / acoustic

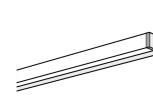
MUSE



654

acoustic suspended

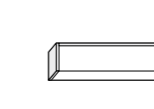
STRETTA



670

surface

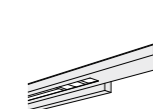
CORNER



676

surface

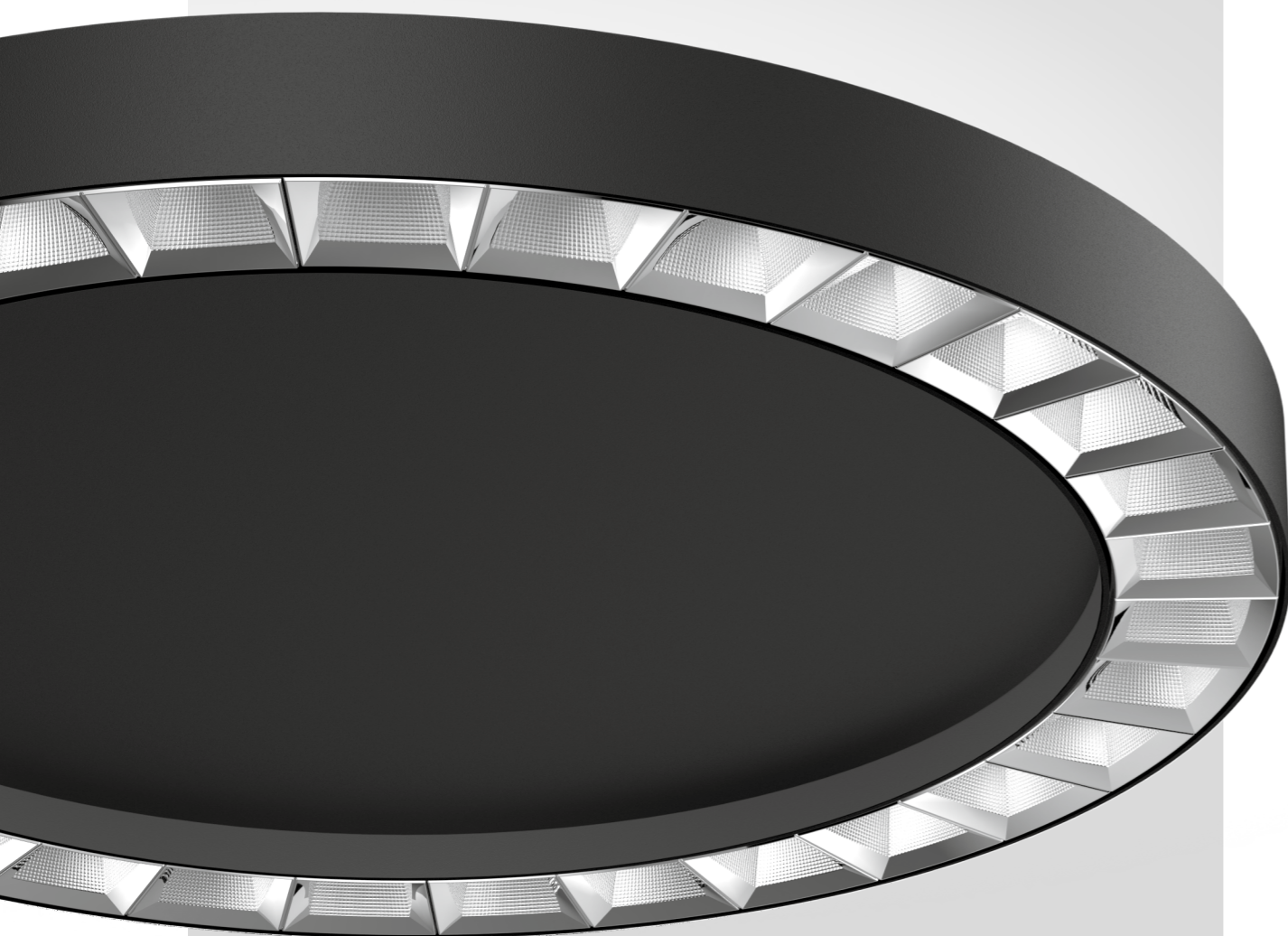
RECOVER



682

wall

Discreet perfection

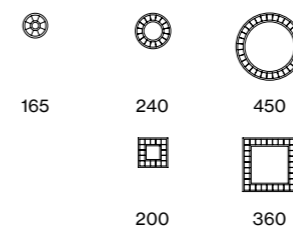


MITA

EN MITA combines high performance with a slim design language and its wide range of applications is impressive. The product family is available as recessed or surface-mounted luminaires in a round or square design. All the versions of the luminaire have special reflectors for the best screen-compatible work lighting – perfect for use in offices or meeting rooms. MITA circle 160 recessed and its central extension also open up a wide range of new possibilities. Optional accessories can be added: covers, sensors for smart lighting control, emergency lighting inserts, or SASSO 60 spotlights with various reflectors. The product family is available in the light colours 3000K, 4000K, or Tunable White. Optionally, the luminaire can be equipped with a presence and brightness sensor.

ES MITA reúne potencia con formas estilizadas y cautiva por sus flexibilidad. La familia de productos incluye luminarias empotrables y de superficie redondas o cuadradas. En todos sus modelos, esta luminaria dispone de unos reflectores especiales que proporcionan una iluminación de alta calidad que evita el deslumbramiento en espacios de trabajo, por lo que es perfecta para la utilización en oficinas y salas de reuniones. Con MITA circle 160 recessed se abren además muchas nuevas posibilidades mediante una ampliación en el centro. Otros accesorios pueden añadirse en función de las necesidades: difusores, sensores para el control inteligente de la iluminación, accesorios para iluminación de emergencia o focos SASSO 60 con distintos reflectores. La familia de productos está disponible en temperaturas de color de 3000K y 4000K o como opción Tunable White. La luminaria puede equiparse opcionalmente con un sensor de presencia y luminosidad.

Types



165

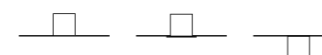
240

450

200

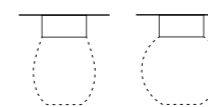
360

Mountings

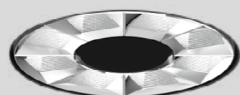
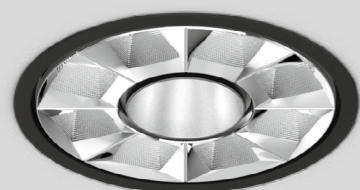
trimless
recessedwith trim
recessed

ceiling

Light distributions

reflector
(UGR ≤ 19)opal
(ceiling)

← back



MITA circle 160

recessed

EN Ring shaped luminaire housing in die-cast aluminium; extremely slim design; recessed luminaire with trim (suitable for ceiling thickness of 2-25 mm); or for trimless installation in plasterboard ceilings (suitable for ceiling thickness of 12.5/15/20/25 mm); surface powder coated; incl. blind cover made of plastic in the cut-out; optional: SASSO 60 round, SASSO 60 round sensor or SASSO 60 round emergency for installation in the cut-out available as an accessory; high-gloss reflector with faceted design; energy-efficient LEDs with very good colour rendering

ES Cuerpo con forma de anillo y fabricado en aluminio; forma extremadamente esbelta; luminaria empotrable con marco (para instalación en techos de 2-25mm de grosor); o para montaje sin marco en techos de escayola (para instalación en techos con grosor de 12,5/15/20/25mm); superficie con recubrimiento de pintura en polvo; con cubierta opaca de plástico en el recorte de techo; opcional: SASSO 60 round, SASSO 60 round sensor o SASSO 60 round emergency para la inserción en el recorte de techo disponible como accesorio; reflector de alto brillo con óptica facetada; LEDs de alta eficiencia que proporcionan una alta reproducción cromática

Quickinfo

3000K, 4000K, TW
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 1500 cd/m²
 up to 134 lm/W
 L95 @ 50 000 h
 non DIM, DALI-2
 reflector (UGR ≤ 19)

Types



Colours



Light distribution



DIN EN 12464-1
 UGR ≤ 19



trimless install.
 in plasterboard



SASSO 60
 inset ready



tunable white
 2700–6500K

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6
tunable white 2700–6500K*	D

*DALI-2 DT8

CONTROL

non DIM
 DALI-2

MATERIAL COLOUR

○ pure white RAL 9010	7
● jet black RAL 9005	8

LIGHT OPTIC COVER

reflector (UGR ≤ 19)

Options on request

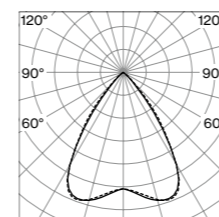
COLOUR RENDERING INDEX

CRI ≥ 90

GRID CEILING MOUNTING

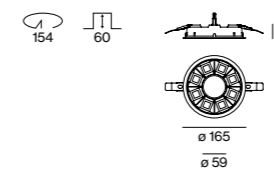
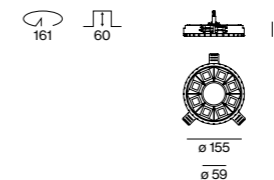
installed in module 600 × 600 mm
 installed in module 625 × 625 mm

Light distribution



reflector (UGR ≤ 19)
 direct

INSET POWER in watts is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, reflector chrome



60 non DIM
 120 DALI-2
 ø 63



60
 ø 63



110
 ø 63

MITA circle 160 trimless



DIRECT

INSET POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
6.6 W 22 Vf 300 mA	3000 K 4000 K	1120 lm 1180 lm	0 7 4 - 8 2 2 2 :: 1 R

MITA circle 160 trim



DIRECT

INSET POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
6.6 W 22 Vf 300 mA	3000 K 4000 K	1120 lm 1180 lm	0 7 4 - 8 1 2 2 :: 1 R

Electrical accessories

POWER SUPPLY 220-240 V AC, 50-60 Hz, PC II

TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
300 mA non DIM	η 89 %	147-44-22	0 0 2 - 9 1 1 2 2
300 mA DALI-2	η 87 %	97-43-30	0 0 2 - 9 1 1 2 0
375 mA DALI-2 DT8	η 83 %	129-79-30	0 0 2 - 9 1 1 2 1

DIN RAIL COMPONENTS

TYPE	W-H-D (mm)	ORDER CODE
POWER SUPPLY 220-240 V AC 96 W 48V DC constant voltage	90-90-60	0 0 5 - 6 5 2 0 2 1 0
LED DRIVER DALI-2 DT6 1-2 addr. 200–1050 mA settable const. current 2 × 42W 48V DC U _{OUT} 10–40V	36-88-59	0 0 5 - 6 1 2 1 0 3 0

for more details and components see page 981

Accessories

SASSO 60 SPOTLIGHT

TYPE	ORDER CODE
SASSO 60 round adjustable	see page 120
SASSO 60 round downlight	see page 120

SASSO 60 SENSOR

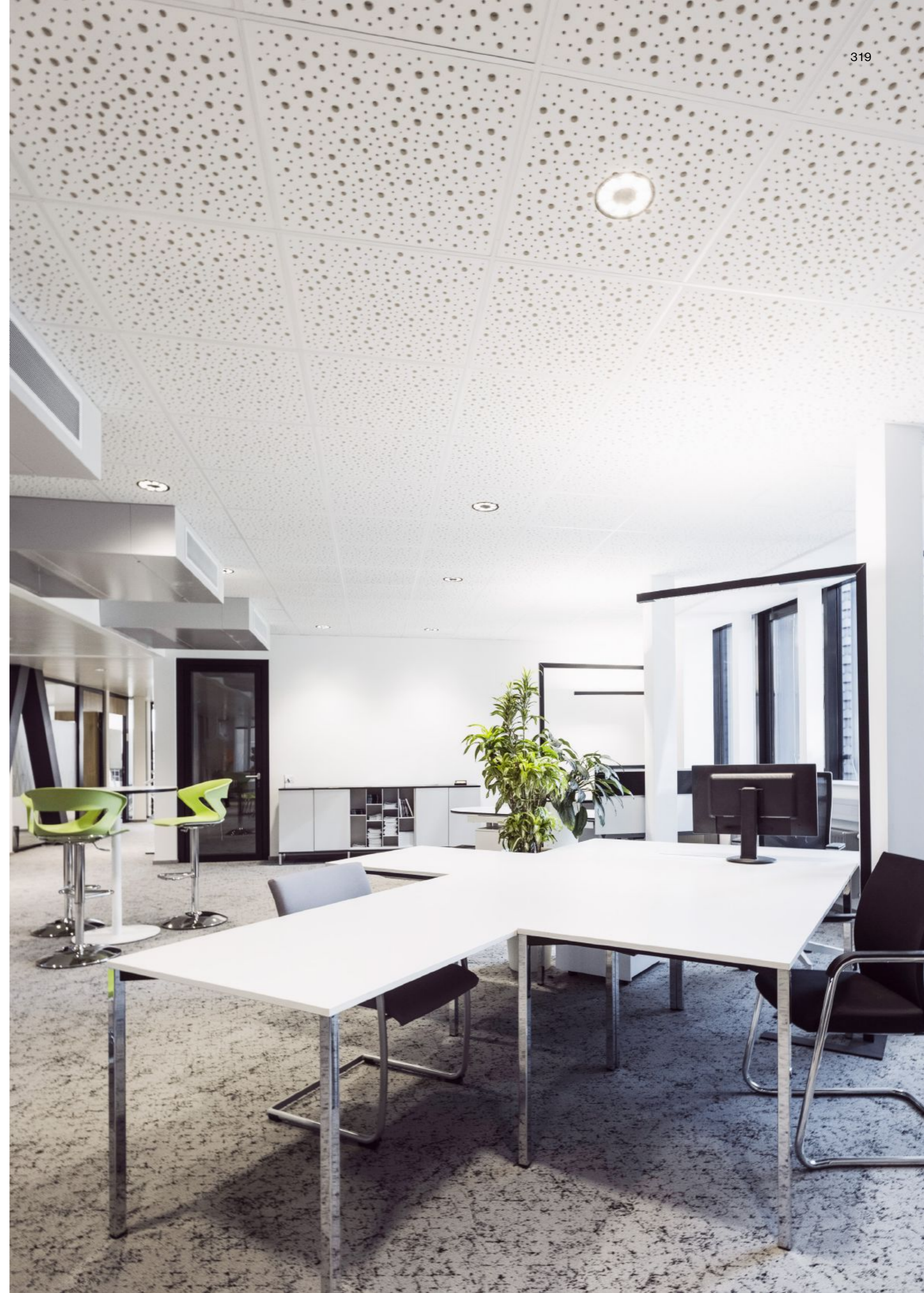
TYPE	ORDER CODE
SASSO 60 ESSENTIAL sensor	see page 124
SASSO 60 SENSE sensor	see page 124

SASSO 60 EMERGENCY LIGHT

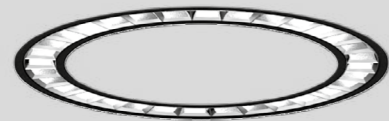
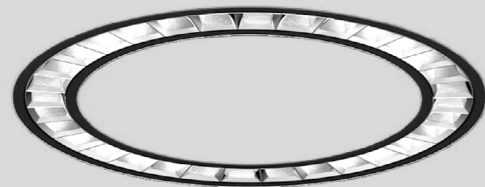
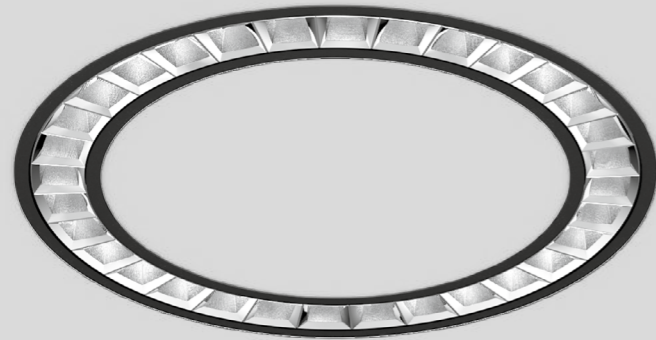
TYPE	ORDER CODE
SASSO 60 emergency light	see page 124



ALLPLAN Österreich GmbH
Graz, AT



← back



MITA circle 240 / 450

recessed with trim

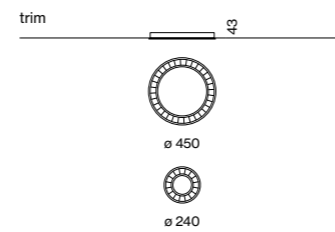
EN Ring shaped luminaire housing in die-cast aluminium; extremely slim design; recessed luminaire with trim; optional: blind cover to cover the cut-out available as an accessory; suitable for ceiling thickness of 2-25 mm; surface powder coated; high-gloss reflector with faceted design; energy-efficient LEDs with very good colour rendering

ES Cuerpo con forma de anillo y fabricado en aluminio; forma extremadamente esbelta; luminaria empotrable con marco; opcional: cubierta opaca para inserción en recorte de techo disponible como accesorio adicional; para instalación en techos de 2-25 mm de grosor; superficie con recubrimiento de pintura en polvo; reflector de alto brillo con óptica facetada; LEDs de alta eficiencia que proporcionan una alta reproducción cromática

Quickinfo

3000K, 4000K, TW
CRI ≥ 80, 3 SDCM
UGR ≤ 19 / 65° ≤ 1500 cd/m²
up to 134 lm/W
L95 @ 50 000 h
DALI-2
reflector (UGR ≤ 19)

Types



Colours



Light distribution



direct



suitable for plaster-board or grid ceilings



DIN EN 12464-1
UGR ≤ 19



tunable white
2700–6500 K

Order options

COLOUR TEMPERATURE
3000 K 5
4000 K 6
tunable white 2700–6500 K* D
*DALI-2 DT8

CONTROL

DALI-2

MATERIAL COLOUR

pure white RAL 9010 7
 jet black RAL 9005 8

LIGHT OPTIC COVER

reflector (UGR ≤ 19)

Options on request

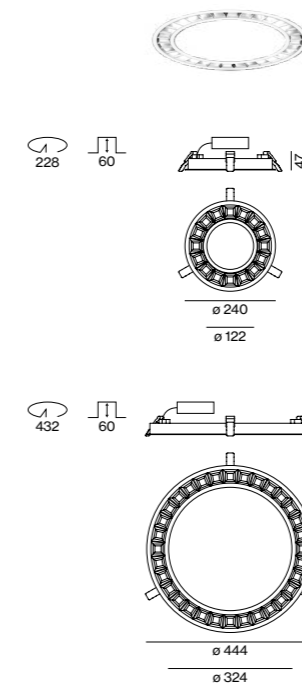
COLOUR RENDERING INDEX
CRI ≥ 90

GRID CEILING MOUNTING

installed in module 600 × 600 mm
installed in module 625 × 625 mm

INLAY

sensor
emergency light



MITA circle 240 trim



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
14.2 W	3000 K	2080 lm	074-8114::3R
	4000 K	2200 lm	

MITA circle 450 trim



DIRECT

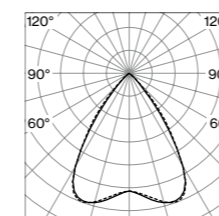
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
31 W	3000 K	4510 lm	074-8116::3R
	4000 K	4750 lm	
42 W	3000 K	5830 lm	074-8126::3R
	4000 K	6140 lm	

Accessories

BLIND COVER

TYPE	ORDER CODE
MITA 240 circle recessed	074-891141
MITA 450 circle recessed	074-891161

Light distribution



reflector (UGR ≤ 19)
direct

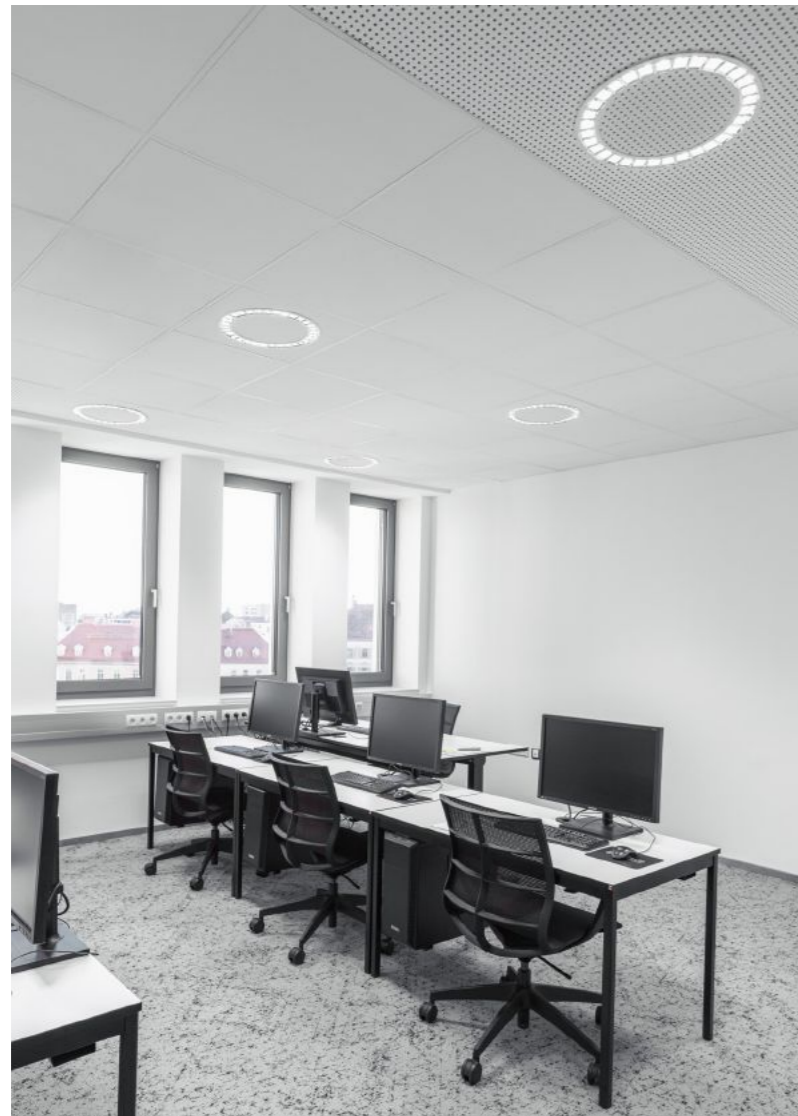
LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, reflector chrome

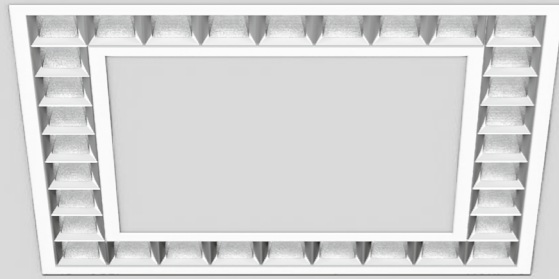
Endress + Hauser GmbH

Vienna, AT – by FOKURA Luxury Interior /
Reinhard Strepfl with lighting design by
TB Heil & Schafzahl GmbH / Ing. Gerhard Heil



ALLPLAN Österreich GmbH
Graz, AT



[← back](#)


MITA square

recessed with trim

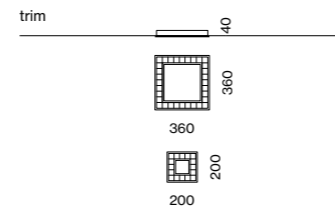
EN Square luminaire housing in die-cast aluminium; extremely slim design; recessed luminaire with trim; optional: blind cover to cover the cut-out available as an accessory; suitable for ceiling thickness of 2-25 mm; surface powder coated; high-gloss reflector with faceted design; energy-efficient LEDs with very good colour rendering

ES Cuerpo de lámpara cuadrado de fundición de aluminio; forma extremadamente esbelta; luminaria empotrable con marco; opcional: cubierta opaca para inserción en recorte de techo disponible como accesorio adicional; para instalación en techos de 2-25 mm de grosor; superficie con recubrimiento de pintura en polvo; reflector de alto brillo con óptica facetada; LEDs de alta eficiencia que proporcionan una alta reproducción cromática

Quickinfo

3000K, 4000K, TW
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 1500 cd/m²
 up to 155 lm/W
 L95 @ 50 000 h
 DALI-2
 reflector (UGR ≤ 19)

Types



Colours



Light distribution



direct

Order options

COLOUR TEMPERATURE

3000K	5
4000K	6
tunable white 2700–6500 K*	D

*DALI-2 DT8

CONTROL

DALI-2

MATERIAL COLOUR

○ pure white RAL 9010	7
● jet black RAL 9005	8

LIGHT OPTIC COVER

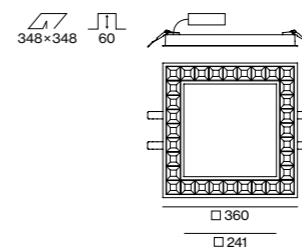
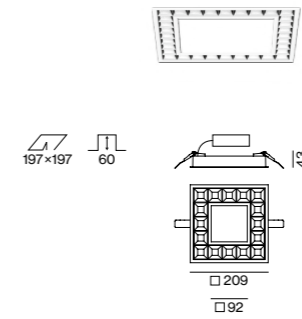
reflector (UGR ≤ 19)

Options on request

COLOUR RENDERING INDEX
 CRI ≥ 90

GRID CEILING MOUNTING

installed in module 600 × 600 mm
 installed in module 625 × 625 mm



MITA square 200 trim



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
14.2 W	3000 K	2080 lm	074-8314::3R
	4000 K	2200 lm	

MITA square 360 trim



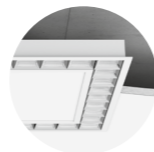
DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
31 W	3000 K	4510 lm	074-8316::3R
	4000 K	4750 lm	
42 W	3000 K	5830 lm	074-8326::3R
	4000 K	6150 lm	

Accessories

BLIND COVER

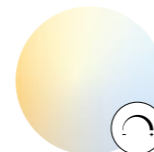
TYPE	ORDER CODE
MITA 200 square recessed	074-891341
MITA 360 square recessed	074-891361



suitable for plaster-board or grid ceilings

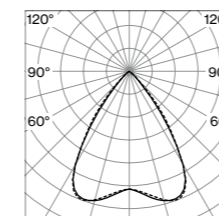


DIN EN 12464-1
 UGR ≤ 19



tunable white
 2700–6500 K

Light distribution



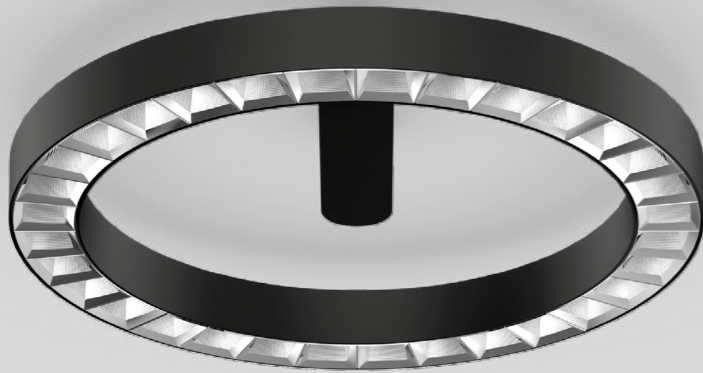
reflector (UGR ≤ 19)
 direct

LUMINOUS FLUX value calculated for
 CRI ≥ 80, colour white, reflector chrome



Classroom
Visualisation

← back



MITA circle

ceiling

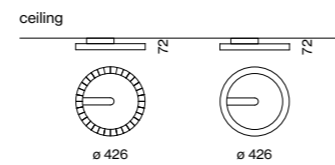
EN Ring shaped luminaire housing in die-cast aluminium; extremely slim design (only 42 x 42 mm); surface powder coated; luminaire housing set away from ceiling; electronic operating unit installed in the surface mounted housing; surface mounted housing aligned from the ring to the center; optional: blind cover to cover the cut-out, held by magnet, available as an accessory; high-gloss reflector with faceted design; HPO (High Performance Opal) cover for uniform illumination; either with direct or indirect light distribution; energy-efficient LEDs with very good colour rendering

ES Cuerpo con forma de anillo y fabricado en aluminio; forma extremadamente esbelta (solo 42 x 42 mm); superficie con recubrimiento de pintura en polvo; cuerpo luminoso separado del techo; balasto electrónico integrado en la carcasa de superficie; carcasa superf. alineada desde anillo hasta centro; opcional: cubierta opaca de fijación a recorte de techo con imán disponible como accesorio adicional; reflector de alto brillo con óptica facetada; difusor opal de alta calidad que proporciona una iluminación uniforme; opcionalmente con característica de emisión directa o directa/indirecta; LEDs de alta eficiencia que proporcionan una alta reproducción cromática

Quickinfo

3000K, 4000K, TW
CRI ≥ 80, 3 SDCM
UGR ≤ 19 / 65° ≤ 1500 cd/m²
up to 146 lm/W
L90 @ 50 000 h
DALI-2, DALI-2 sensor
reflector (UGR ≤ 19), opal

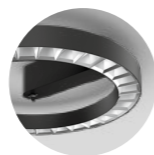
Types



Colours



Light distributions



sensor version
available



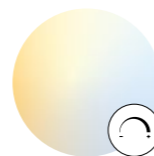
version with
opal cover



magnetic
blind cover



DIN EN 12464-1
UGR ≤ 19



tunable white
2700–6500K

Order options

COLOUR TEMPERATURE

3000K	5
4000K	6
tunable white 2700–6500K*	D

*DALI-2 DT8

CONTROL

DALI-2	3
DALI-2 ESSENTIAL sensor (brightness & presence)	B
DALI-2 SENSE sensor (brightness, presence, temp., sound pressure, humidity, CO ₂)	P

MATERIAL COLOUR

○ pure white RAL 9010	7
● jet black RAL 9005	8

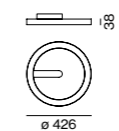
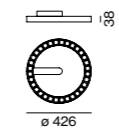
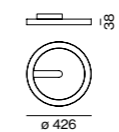
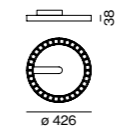
LIGHT OPTIC COVER

reflector	
opal	

Options on request

COLOUR RENDERING INDEX

CRI ≥ 90	
----------	--



MITA circle 450 ceiling



REFLECTOR DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
31W	3000K	4510 lm	074-75111
42W	3000K	5830 lm	074-75211
	4000K	6140 lm	

OPAL DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
27W	3000K	2650 lm	074-75111
	4000K	2810 lm	



REFLECTOR DIRECT / INDIRECT SOFT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
31W	3000K	↓ 4370 / ± 140 lm	074-75311
42W	3000K	↓ 5660 / ± 170 lm	074-75611
	4000K	↓ 5960 / ± 180 lm	

OPAL DIRECT / INDIRECT SOFT

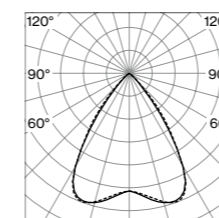
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
27W	3000K	↓ 2570 / ± 80 lm	074-75311
	4000K	↓ 2730 / ± 80 lm	

Accessories

BLIND COVER

TYPE	ORDER CODE
MITA circle 450 ceiling	074-891162
MITA circle 450 ceiling sensor	074-891163

Light distribution



reflector (UGR ≤ 19)
direct

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, reflector chrome

Conference room
Visualisation



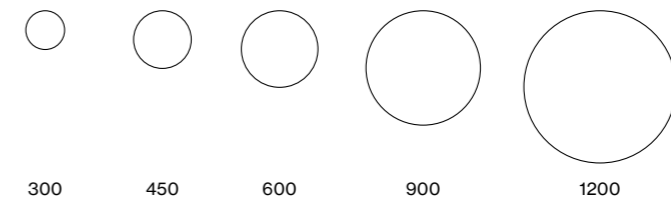
All-round performer

COMBO

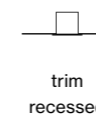
EN COMBO has a narrow trim and is perfectly integrated into the ceiling. It creates a calm, even ceiling appearance with pleasant and uniform room illumination. The circular luminaire owes this to its opal cover. COMBO's microprismatic cover variant reduces the glare value to $UGR \leq 19$: ideal for standard-compliant computer workstations. Depending on the desired lighting mood, COMBO is available in the light colours 3000K, 4000K, or Tunable White.

ES Un marco fino integrado al perfectamente en el techo: COMBO se integra perfectamente en el techo y proporciona una iluminación de alta calidad y uniforme, a la vez que ofrece un alumbrado general agradable y homogéneo. Esto se debe al reflector opal de esta luminaria circular. En la variante con difusor microprismático, COMBO reduce el índice de deslumbramiento a $UGR \leq 19$, lo que la convierte en la luminaria perfecta para puestos de trabajo. En función del ambiente luminoso deseado, COMBO está disponible con temperaturas de color de 3000K, 4000K o Tunable White.

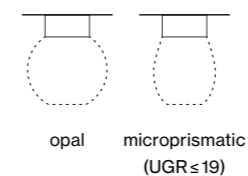
Types



Mounting



Light distributions



[← back](#)


COMBO

recessed with trim

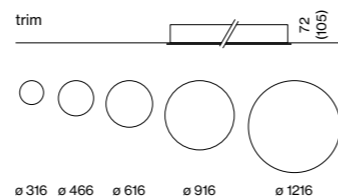
EN Round luminaire housing in aluminium with trim; suitable for installation in plasterboard ceilings; suitable for ceiling thickness of 10-25 mm; surface powder coated; up to $\varnothing 600$ mm: installation without tools using snap spring closure; highly reflective coating of the PCB for improved efficiency; completely homogeneously illuminated, satinised or microprismatic PMMA cover; energy-efficient LEDs with very good colour rendering; external converter for ceiling insertion, for through-wiring suitable

ES Cuerpo redondo con marco fabricado en aluminio; apropiada para montaje en techos de yeso; para instalación en techos de 10-25 mm de grosor; superficie con recubrimiento de pintura en polvo; hasta $\varnothing 600$ mm: sencilla instalación sin herramientas mediante un enganche elástico; recubrimiento altamente reflectante de la pletina para un mayor rendimiento; iluminación homogénea, con efecto opal o microprismático; LEDs de alta eficiencia que proporcionan una alta reproducción cromática; convertidor externo para inserción en el techo, adecuado para cableado pasante

Quickinfo

3000K, 4000K
 CRI ≥ 80 , 3 SDCM
 UGR ≤ 19 / $65^\circ \leq 3000$ cd/m²
 up to 145 lm/W
 L90 @ 50 000h
 non DIM, DALI-2
 opal, microprismatic (UGR ≤ 19)

Types



Colour



Light distribution



direct



Data Monitoring
 DiiA® standards
 251, 252, 253



DIN EN 12464-1
 UGR ≤ 19



tunable white
 2700-6500K

Order options

COLOUR TEMPERATURE ☰
 3000K 5
 4000K 6

CONTROL ⬇
 non DIM 1
 DALI-2 3

MATERIAL COLOUR

pure white RAL 9010

LIGHT OPTIC COVER

opal O
 microprismatic (UGR ≤ 19) K

Options on request

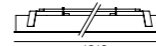
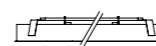
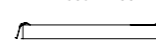
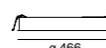
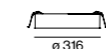
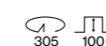
COLOUR RENDERING INDEX
 CRI ≥ 90

COLOUR TEMPERATURE

tunable white 2700-6500K (2 × DALI)

EMERGENCY LIGHT

1h accupack
 3h accupack



COMBO 300 trim



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
10.1W	3000K	993 lm	064-1031::70
	4000K	1050 lm	

COMBO 450 trim



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
16.7W	3000K	2050 lm	064-1041::70
	4000K	2170 lm	

COMBO 600 trim



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
31W	3000K	4020 lm	064-1051::70
	4000K	4250 lm	

COMBO 900 trim



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
58W	3000K	7440 lm	064-1071::370
	4000K	7880 lm	

COMBO 1200 trim



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
92W	3000K	12610 lm	064-1081::370
	4000K	13350 lm	

Accessories

MOUNTING RING FOR ACOUSTIC CEILING

TYPE	ORDER CODE
COMBO 300	064-1906300
COMBO 450	064-1906400
COMBO 600	064-1906500
COMBO 900	064-1906700
COMBO 1200	064-1906800

LUMINOUS FLUX value calculated for
 CRI ≥ 80 , colour white, cover opal

Raiffeisenbank Gmunden Salzkammergut, AT –
by INNOCAD Architektur ZT



Hargassner Energy World Linz, AT –
by architekten berger.hofmann og & tech3
Projektentwicklung GmbH with lighting design
by AREA C.I.DESIGN GmbH



Timeless perfection

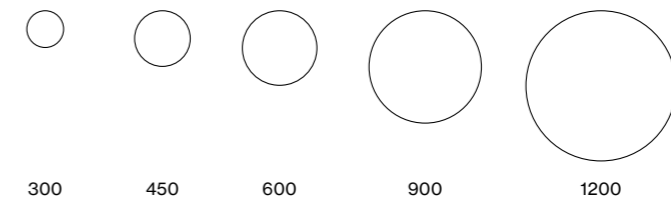


VELA

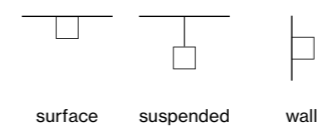
EN As one of XAL's first round luminaires, VELA has been perfected over the years. Innovative technology hides behind its flat, minimalistic design. VELA surface can be wall or ceiling mounted. The suspended version has either a classic cable suspension or a chrome-plated pendulum tube suspension that can be shortened. To adapt to a variety of interior designs, VELA is available in an extensive colour palette and in the light colours 3000K, 4000K, or Tunable White (2700K–6500K) on request. A microprismatic cover is ideal for workstations. An opal cover provides homogeneous basic lighting. An optional direct/indirect beam characteristic illuminates the ceiling and creates ambience.

ES VELA fue una de las primeras luminarias con forma circular en XAL y ha sido rediseñada durante años. Su diseño plano y minimalista esconde una tecnología innovadora. Mientras que VELA Surface es apta para el montaje en superficie de pared y techo, la variante suspendida puede instalarse con una clásica suspensión de cable o con una suspensión de tubo pendular cromada y acortable según las necesidades del cliente. Para poder adaptarse a una amplia variedad de diseños de interior, VELA se ofrece en una gran variedad de colores y en temperaturas de color de 3000K o 4000K y, opcionalmente, en Tunable White (2700K–6500K). El difusor puede ser microprismático para el uso en puestos de trabajo u opal para proporcionar un alumbrado general homogéneo. Un modo de proyección directa / indirecta opcional se ofrece como opción para iluminar el techo, creando un ambiente agradable.

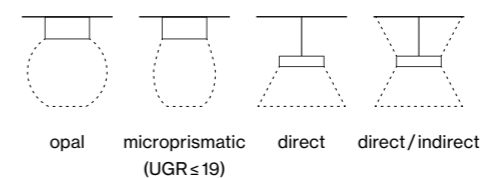
Types



Mountings



Light distributions





VELA

surface

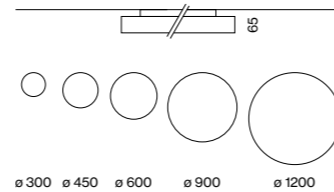
EN Round luminaire housing in aluminium, rolled profile, seamlessly welded; surface powder coated; quick mounting system without tools; highly reflective coating of the PCB for improved efficiency; completely homogeneously illuminated, satinised PMMA cover; up to ø600mm: microprismatic PMMA cover; either with direct or direct/indirect light distribution; energy-efficient LEDs with very good colour rendering; luminaire with 2 cable openings and plug-in terminals for through wiring

ES Cuerpo de lámpara redondo de aluminio, perfil enrollado, soldado sin costuras; superficie con recubrimiento de pintura en polvo; sistema de montaje rápido sin herramientas; recubrimiento altamente reflectante de la pletina para un mayor rendimiento; tapa PMMA iluminada homogéneamente con acabado sanitado; hasta ø600mm: difusor PMMA microprismático; opcionalmente con característica de emisión directa o directa/indirecta; LEDs de alta eficiencia que proporcionan una alta reproducción cromática; luminaria con abertura de 2 orificios para integrar cableado y sencilla conexión

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
UGR ≤ 19 / 65° ≤ 3000 cd/m²
up to 153 lm/W
L90 @ 50 000 h
non DIM, DALI-2
opal, microprismatic (UGR ≤ 19)

Types



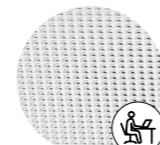
Colours



Light distributions



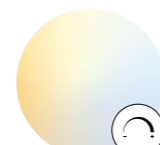
DiiA® standards
251, 252, 253



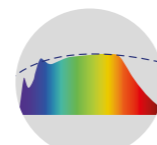
DIN EN 12464-1
UGR ≤ 19



easy mounting
(click-system)



tunable white
2700–6500K



CRI ≥ 98
XPECTRUM

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR	
○ pure white RAL 9010	7
● white aluminium RAL 9006	G
● jet black RAL 9005	8
● special colours p.992	X

LIGHT OPTIC COVER	
opal high performance	O
microprismatic (UGR ≤ 19)	K

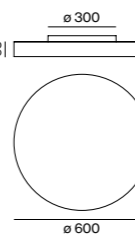
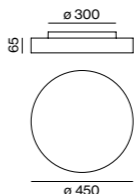
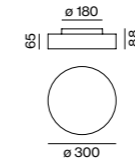
Options on request

COLOUR RENDERING INDEX	
CRI ≥ 90	
CRI ≥ 98 XPECTRUM	

COLOUR TEMPERATURE	
tunable white 2700–6500K	
DALI-2 DT8	

EMERGENCY LIGHT	
1h accupack	
3h accupack	
not available for VELA 300	

LUMINOUS FLUX value calculated for 4000K, CRI ≥ 80, colour white, cover opal 3000K -5%



VELA 300 surface



DIRECT

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
10.1W	1050lm	073-1131::3
16.5W	1800lm	073-1132::3

DIRECT/INDIRECT SOFT

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
10.1W	↓ 1110/↑ 54lm	073-1137::3
16.5W	↓ 1900/↑ 92lm	073-1138::3

VELA 450 surface



DIRECT

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
16.7W	2170lm	073-1141::3
30W	3620lm	073-1142::3

DIRECT/INDIRECT SOFT

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
16.7W	↓ 2140/↑ 84lm	073-1147::3
30W	↓ 3580/↑ 140lm	073-1148::3

VELA 600 surface



DIRECT

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
31W	4250lm	073-1151::3
42W	5600lm	073-1150::3
48W	6290lm	073-1152::3

DIRECT/INDIRECT SOFT

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
31W	↓ 4220/↑ 118lm	073-1157::3
42W	↓ 5560/↑ 155lm	073-1156::3
48W	↓ 6250/↑ 174lm	073-1158::3

VELA 900 ceiling



DIRECT

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
71W	9520lm	073-1171::3

VELA 1200 ceiling



DIRECT

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
147W	20600lm	073-1181::3

Accessories

TYPE	ORDER CODE
dismounting tool (for ø600/900/1200)	073-1100000

Optician and Eyeware Külling
St. Gallen, CH –
by HEIKAUS Concept GmbH





VELA

suspended

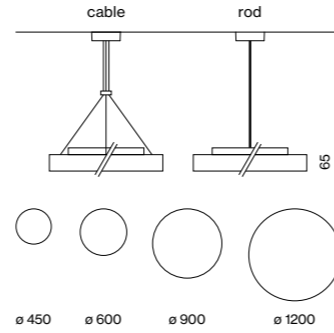
EN Round luminaire housing in aluminium, rolled profile, seamlessly welded; surface powder coated; suspended; with integrated tool-less suspension height adjustment; incl. transparent feed or with height adjustable rod suspension (chrome), feed in rod; highly reflective coating of the PCB for improved efficiency; completely homogeneously illuminated, satinised PMMA cover; up to ø600 mm: microprismatic PMMA cover; either with direct or direct/indirect light distribution; indirect component with special PCBs for increased luminous flux and maximum ceiling illumination; energy-efficient LEDs with very good colour rendering; canopy with 2 cable openings and plug-in terminal for through wiring

ES Cuerpo de lámpara redondo de aluminio, perfil enrollado, soldado sin costuras; superficie con recubrimiento de pintura en polvo; suspendido; regulación de la altura sin necesitar herramientas; incluido cable de alimentación transparente o cable cromado para suspensión ajustable; recubrimiento altamente reflectante de la pletina para un mayor rendimiento; tapa PMMA iluminada homogéneamente con acabado sanitado; hasta ø600 mm: difusor PMMA microprismático; opcionalmente con característica de emisión directa o directa/indirecta; proporción indirecta con pletinas propias para un flujo luminoso aumentado y una iluminación máxima del techo; LEDS de alta eficiencia que proporcionan una alta reproducción cromática; baldaquino con abertura de 2 orificios para integrar el cableado y sencilla conexión

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 153 lm/W
 L90 @ 50 000h
 non DIM, DALI-2
 opal, microprismatic (UGR ≤ 19)

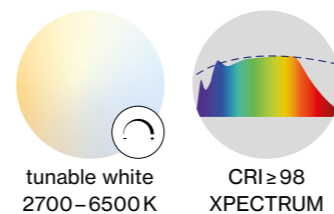
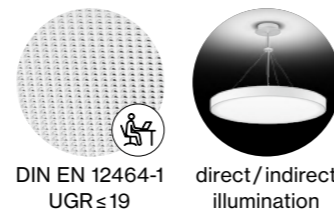
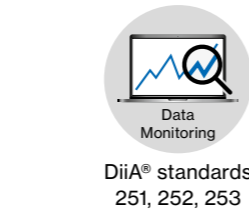
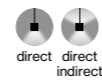
Types



Colours



Light distributions



Order options

SUSPENSION

cable 1500mm 2

rod 1000mm 4

COLOUR TEMPERATURE

3000K 5

4000K 6

CONTROL

non DIM 1

DALI-2 3

MATERIAL COLOUR

○ pure white RAL 9010 7

● white aluminium RAL 9006 G

● jet black RAL 9005 8

● special colours* ● p.992 X

*canopy always in white

LIGHT OPTIC COVER

opal high performance O

microprismatic (UGR ≤ 19) K

Options on request

COLOUR RENDERING INDEX

CRI ≥ 90

CRI ≥ 98 XPECTRUM

SUSPENSION

rod 2000mm

COLOUR TEMPERATURE

tunable white 2700–6500K

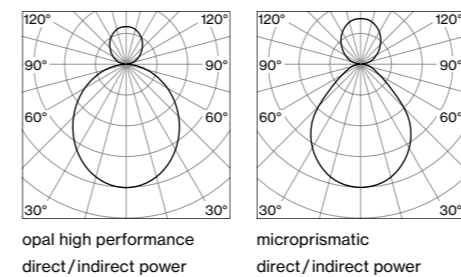
DALI-2 DT8

EMERGENCY LIGHT

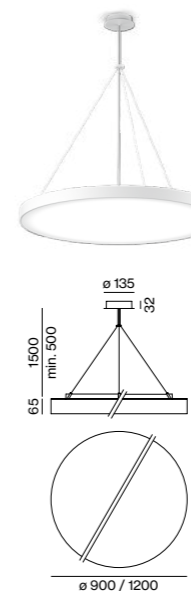
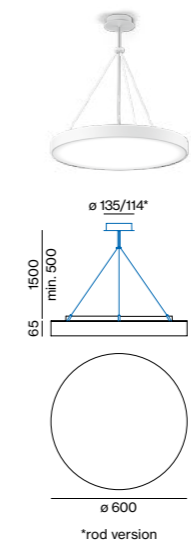
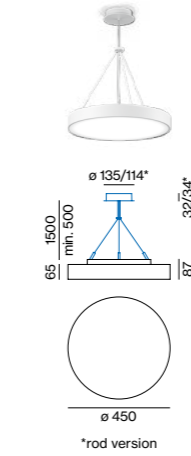
1h accupack

3h accupack

Light distributions



LUMINOUS FLUX value calculated for 4000K, CRI ≥ 80, colour white, cover opal 3000K -5%



VELA 450 suspended



DIRECT		LUMINOUS FLUX		ORDER CODE	
SYSTEM POWER	16.7W	LUMINOUS FLUX	2170lm	ORDER CODE	073-1 4 1 :: 3 4 O
	30W		3620lm		073-1 4 2 :: 3 4 O



DIRECT / INDIRECT POWER		LUMINOUS FLUX		ORDER CODE	
SYSTEM POWER	21.1W	LUMINOUS FLUX	↓ 2070 / ↑ 812lm	ORDER CODE	073-1 4 4 :: 3 4 O
	35W		↓ 3250 / ↑ 1270lm		073-1 4 5 :: 3 4 O

VELA 600 suspended



DIRECT		LUMINOUS FLUX		ORDER CODE	
SYSTEM POWER	31W	LUMINOUS FLUX	4250lm	ORDER CODE	073-1 5 1 :: 3 4 O
	42W		5600lm		073-1 5 0 :: 3 4 O
	48W		6290lm		073-1 5 2 :: 3 4 O



DIRECT / INDIRECT POWER		LUMINOUS FLUX		ORDER CODE	
SYSTEM POWER	45W	LUMINOUS FLUX	↓ 4350 / ↑ 1970lm	ORDER CODE	073-1 5 4 :: 3 4 O
	68W		↓ 6290 / ↑ 2850lm		073-1 5 5 :: 3 4 O

VELA 900 suspended



DIRECT		LUMINOUS FLUX		ORDER CODE	
SYSTEM POWER	71W	LUMINOUS FLUX	9520lm	ORDER CODE	073-1 2 7 1 :: 3 4 O



DIRECT / INDIRECT POWER		LUMINOUS FLUX		ORDER CODE	
SYSTEM POWER	96W	LUMINOUS FLUX	↓ 9520 / ↑ 4670lm	ORDER CODE	073-1 2 7 4 :: 3 4 O

VELA 1200 suspended



DIRECT		LUMINOUS FLUX		ORDER CODE	
SYSTEM POWER	147W	LUMINOUS FLUX	20600lm	ORDER CODE	073-1 2 8 1 :: 3 4 O



DIRECT / INDIRECT POWER		LUMINOUS FLUX		ORDER CODE	
SYSTEM POWER	185W	LUMINOUS FLUX	↓ 20600 / ↑ 6060lm	ORDER CODE	073-1 2 8 4 :: 3 4 O

Hostpoint AG
Rapperswil-Jona, CH –
by Büronauten AG



MASCHAGENCY GmbH & Co. kg
Munich, DE – by Gruschwitz GmbH



Sparkasse Berlin, DE –
by blocher partners



For heavy-duty use

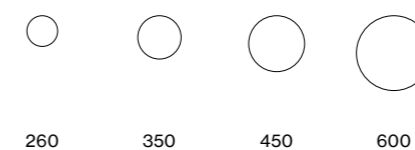


SONO

EN The SONO family of circular luminaires was created especially for heavy-duty use. It has increased dust and insect protection (IP50), and is characterised by an all-round robust housing (IK07). In addition, the SONO IP54 offers increased moisture protection. The SONO Flex recessed luminaire can be recessed or fixed in two positions by employing the Jut-Out function. This can minimise the contrast between the luminaire and ceiling, or change the appearance in the room. As a mounted luminaire, SONO ensures homogeneous ambient illumination thanks to its narrow frame and opal cover. All versions are available in the light colours 3000K, 4000K, or Tunable White.

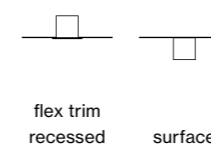
ES La familia de luminarias circulares SONO se ha creado especialmente para espacios en los que la luminaria se expone a altos niveles de suciedad. Cuenta con protección contra polvo e insectos de IP50, y se caracteriza por una estructura extremadamente resistente (IK07). La SONO IP54 ofrece además una elevada protección contra la humedad. Como luminaria empotrable, SONO Flex puede empotrarse o fijarse de modo semiempotrado en dos posiciones con la función Jut Out: una opción ideal para minimizar el contraste entre la luminaria y el techo o modificar el aspecto en la sala. En la variante de superficie, SONO proporciona una iluminación general homogénea gracias a su estrecho marco y a su difusor opal. Todas las variantes están disponibles en temperaturas de color de 3000K, 4000K o Tunable White.

Types



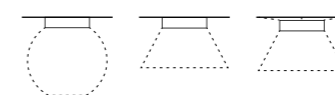
260 350 450 600

Mountings



flex trim
recessed surface

Light distributions



opal direct direct/indirect

Jut-Out

EN The SONO Flex recessed luminaire can assume two positions: recessed into the ceiling or protruding through its Jut-Out function. This allows a change of its effect in a room and the luminaire can either be accentuated or visually blended into the surroundings.

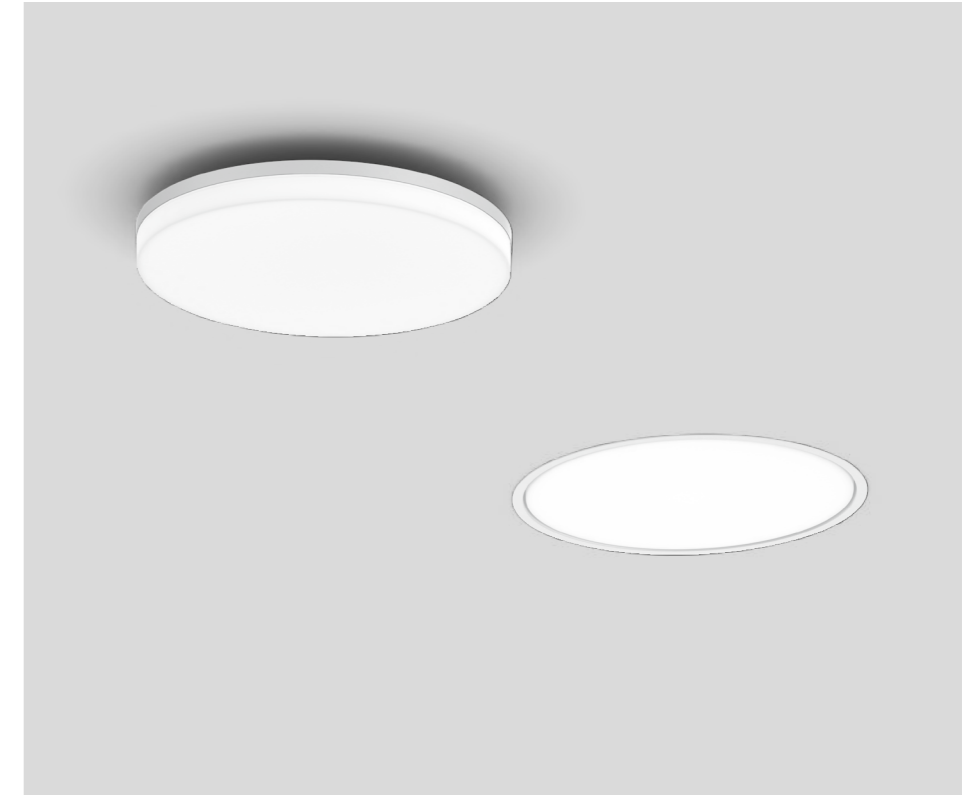
ES La luminaria empotrable SONO Flex puede adoptar dos posiciones: una empotrada en el techo y otra saliente con la función "jut-out". Esto permite modificar el efecto en la sala y utilizar la luminaria de modo que llame la atención por sí misma o que se integre en el entorno discretamente.



Homogenous quality

EN As a recessed luminaire, SONO blends harmoniously into the ceiling. Thanks to its narrow frame and opal cover, the SONO surface-mounted version provides soft, homogeneous ambient light.

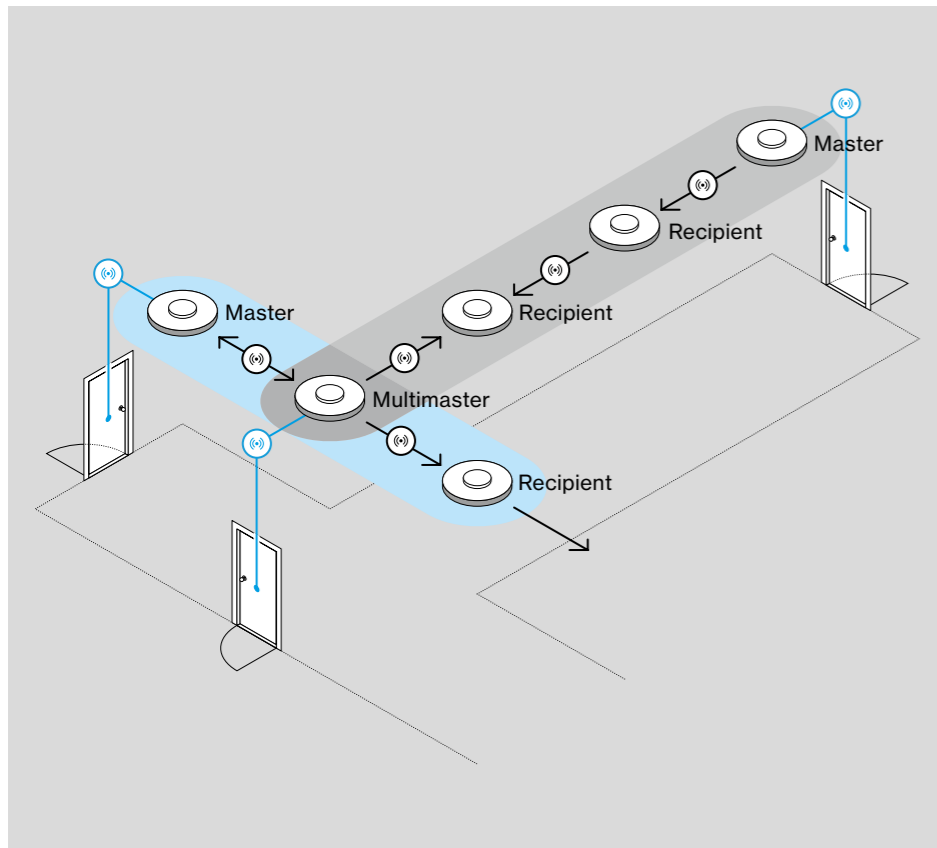
ES Como luminaria empotrable, SONO se integra perfectamente en el techo de una sala. La variante de superficie SONO proporciona una luz ambiental totalmente homogénea y de proyección suave gracias a su marco de pequeñas dimensiones y a su difusor opal.



Smart controls

EN Thanks to an implemented Radar Control System (RCS), SONO reacts to lighting conditions and movements in its vicinity. Brightness and presence sensors wirelessly adjust the light output. The corridor function registers an individual and successively switches luminaires on and off, depending on the direction in which they are moving.

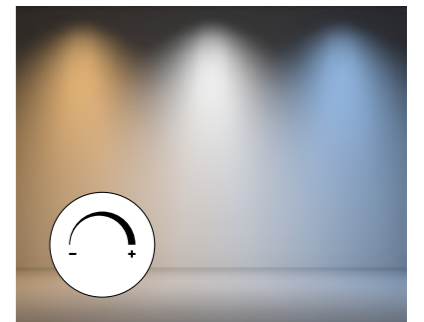
ES Mediante la implementación de un sistema de control por radar (Radar Control System, RCS), SONO reacciona a las condiciones de iluminación y a los movimientos cercanos. Los sensores de luminosidad y presencia adaptan la intensidad luminosa de forma inalámbrica. Al detectar la presencia de una persona, la función de pasillo enciende y apaga sucesivamente las luminarias respectivas dependiendo de la dirección en que la persona se desplace.



Robust housing

EN The SONO family of circular luminaires was created especially for heavy-duty use. It has increased dust and insect protection (IP 50), and is characterised by an all-round robust housing (IK 07).

ES La familia de luminarias circulares SONO se ha creado especialmente para espacios con necesidades específicas. Ofrece una protección elevada contra el polvo y los insectos (IP 50) y se distingue por contar con una carcasa extremadamente resistente

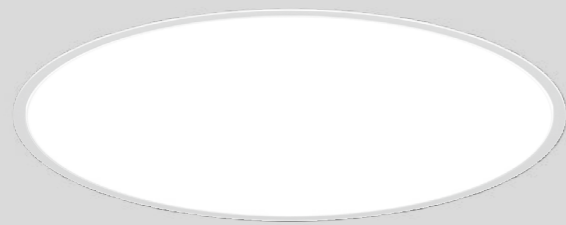
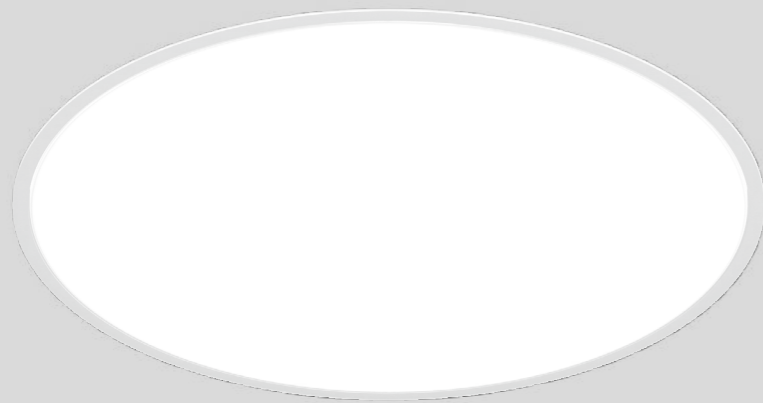


TW – Tunable White

EN Changes in the colour of light have a substantial effect on our mood. Tunable White allows the colour temperature to be continuously adjusted from 2700 K (warm light) to 6500 K (cool light) to dynamically adapt the lighting to the time of day or ambient brightness.

ES Los cambios de color de la luz tienen un efecto directo en nuestro estado de ánimo. Tunable White hace posible una modificación continua de la temperatura de color desde 2700 K (luz cálida) hasta 6500 K (luz fría), con el fin de adaptar la iluminación de forma dinámica a la hora del día o a la luminosidad del entorno.

back



SONO flex

recessed with trim

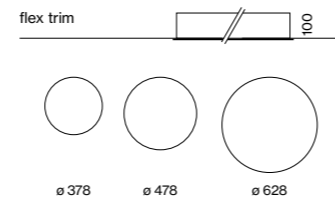
EN Round recessed luminaire in aluminium, consisting of (SONO) light housing and recessed housing; housing with trim suitable for installation in plasterboard ceilings; suitable for ceiling thickness of 10-25 mm; optionally: installation in concrete ceilings with a special installation housing (available as an accessory); surface powder coated; luminaire installs in housing without tools optionally flush or protruding by 25 mm; completely homogeneously illuminated, satinised PMMA cover; same luminance for all size versions; energy-efficient LEDs with very good colour rendering; luminaire with 2 cable openings and plug-in terminals for through wiring

ES Lámpara empotrable de aluminio, con cuerpo de lámpara (SONO) y carcasa de montaje; accesorio para montaje con marco en techos de yeso; para instalación en techos de 10-25 mm de grosor; opcional: empotramiento en techos de hormigón mediante caja de empotramiento en hormigón (disponible como accesorio); superficie con recubrimiento de pintura en polvo; luminaria empotrada para montaje sin herramientas o en superficies salientes de 25 mm; tapa PMMA iluminada homogéneamente con acabado sanitado; luminancia idéntica en todos los tamaños; LEDs de alta eficiencia que proporcionan una alta reproducción cromática; luminaria con abertura de 2 orificios para integrar cableado y sencilla conexión

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 133lm/W
L90 @ 50 000h
non DIM, DALI-2
opal cover
IP50

Types



Colour



Light distribution



direct

Order options

IP RATING
IP50

COLOUR TEMPERATURE
3000K 5
4000K 6

CONTROL
non DIM 1
DALI-2 3

MATERIAL COLOUR
○ pure white RAL 9010

LIGHT OPTIC COVER
opal

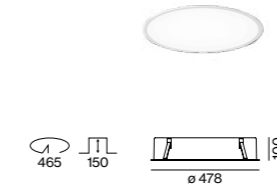
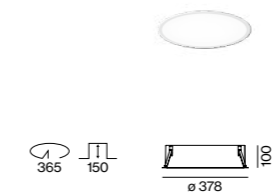
Options on request

COLOUR RENDERING INDEX
CRI ≥ 90

COLOUR TEMPERATURE
tunable white 2700–6500 K
DALI-2 DT8

CONTROL
RCS Master
RCS Slave

EMERGENCY LIGHT
3h accupack



SONO FLEX 350 trim



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
15.9W	3000K	1940lm	063-3238::70
	4000K	2060lm	

SONO FLEX 450 trim



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
23.2W	3000K	2850lm	063-3248::70
	4000K	3010lm	

SONO FLEX 600 trim



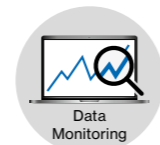
DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
43W	3000K	5410lm	063-3258::70
	4000K	5730lm	

Accessories

CONCRETE INSTALLATION HOUSING

TYPE	Ø-H (mm)	ORDER CODE
SONO FLEX 350	364-107	063-2238100
SONO FLEX 450	464-107	063-2248100
SONO FLEX 600	614-107	063-2258100



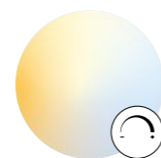
DiiA® standards
251, 252, 253



flexible jut out
0 or 25 mm



dust and insect
protection (IP50)



tunable white
2700–6500K

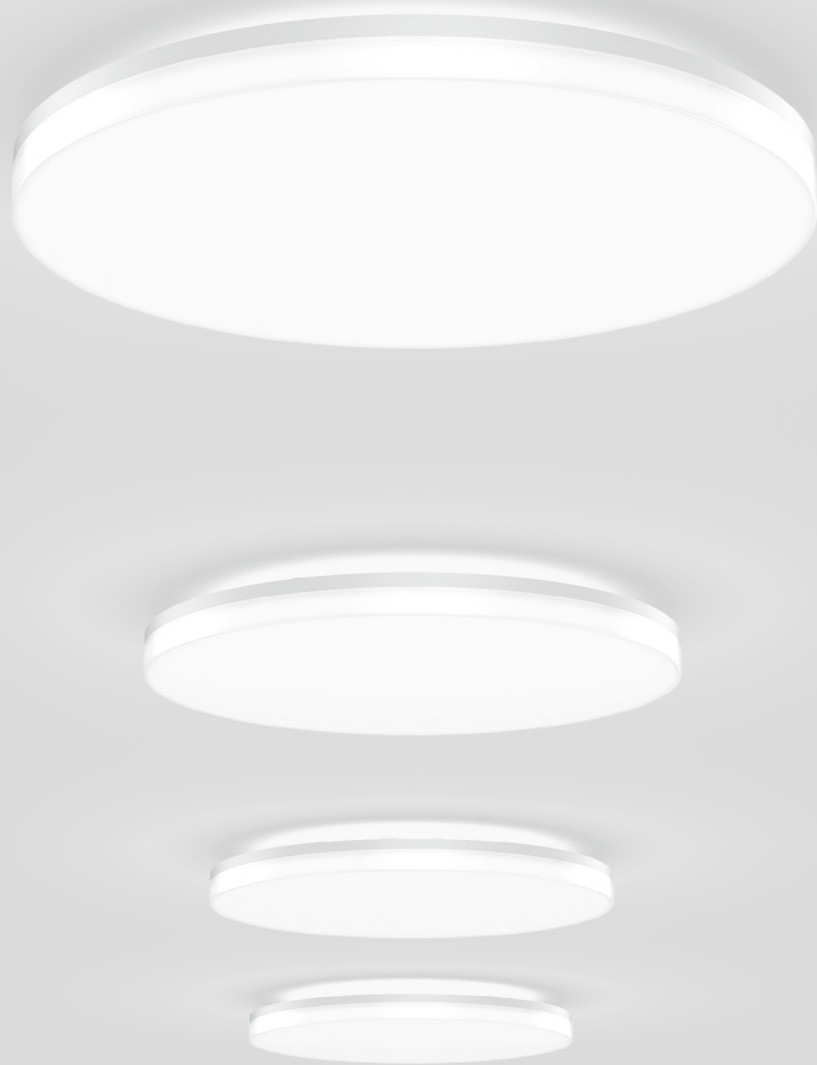
LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal



Volksschule Erlaaer Schleife
Vienna, AT – by ARGE Architekten
Kronaus – Mitterer/Vasko & Partner



back



SONO IP50/IP54

surface

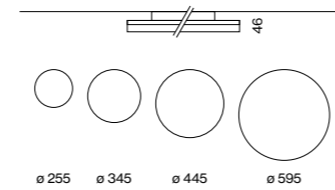
EN Round luminaire housing in die-cast aluminium; surface powder coated; suitable for wall or ceiling mounting; completely homogeneously illuminated, satinised PMMA cover; same luminance for all size versions; energy-efficient LEDs with very good colour rendering; luminaire with 2 cable openings and plug-in terminals for through wiring

ES Cuerpo redondo de aluminio; superficie con recubrimiento de pintura en polvo; apropiada para montaje en techo y paredes; tapa PMMA iluminada homogéneamente con acabado sanitado; luminancia idéntica en todos los tamaños; LEDS de alta eficiencia que proporcionan una alta reproducción cromática; luminaria con abertura de 2 orificios para integrar cableado y sencilla conexión

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 143lm/W
L90 @ 50 000h
non DIM, DALI-2
opal cover
IP 40, IP 50, IP 54

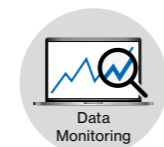
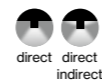
Types



Colour



Light distributions



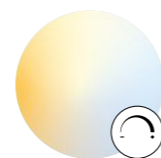
DiiA® standards
251, 252, 253



easy mounting by
click-mechanism



dust and insect
protection (IP 54)



tunable white
2700–6500K

Order options

IP RATING
IP50 0
IP54 8

COLOUR TEMPERATURE
3000K 5
4000K 6

CONTROL
non DIM 1
DALI-2 3

EMERGENCY LIGHT
3h accupack* N L 3
*not for IP54

MATERIAL COLOUR

pure white RAL 9010

LIGHT OPTIC COVER

Options on request

COLOUR RENDERING INDEX
CRI ≥ 90

COLOUR TEMPERATURE

tunable white 2700–6500K

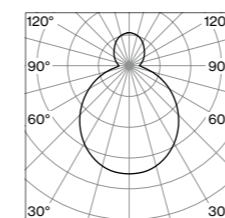
DALI-2 DT8

CONTROL

RCS Master

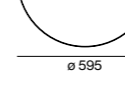
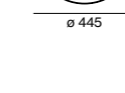
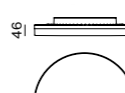
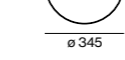
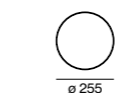
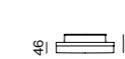
RCS Slave

Light distribution

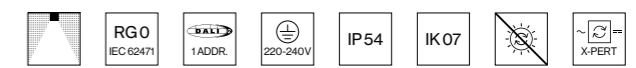


opal
direct/indirect

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal



SONO 260 surface



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
7.6W	3000K	950lm	071-9126::70
	4000K	1010lm	

SONO 350 surface



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
15.9W	3000K	2090lm	071-9136::70
	4000K	2210lm	

SONO 450 surface



DIRECT

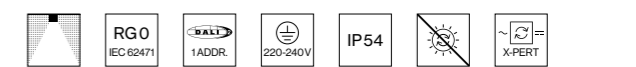
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
23.2W	3000K	3070lm	071-9146::70
	4000K	3250lm	



DIRECT/INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
34W	3000K	↓ 3290 / ± 1130lm	071-9148::70
	4000K	↓ 3480 / ± 1200lm	

SONO 600 surface



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
43W	3000K	5830lm	071-9156::70
	4000K	6170lm	



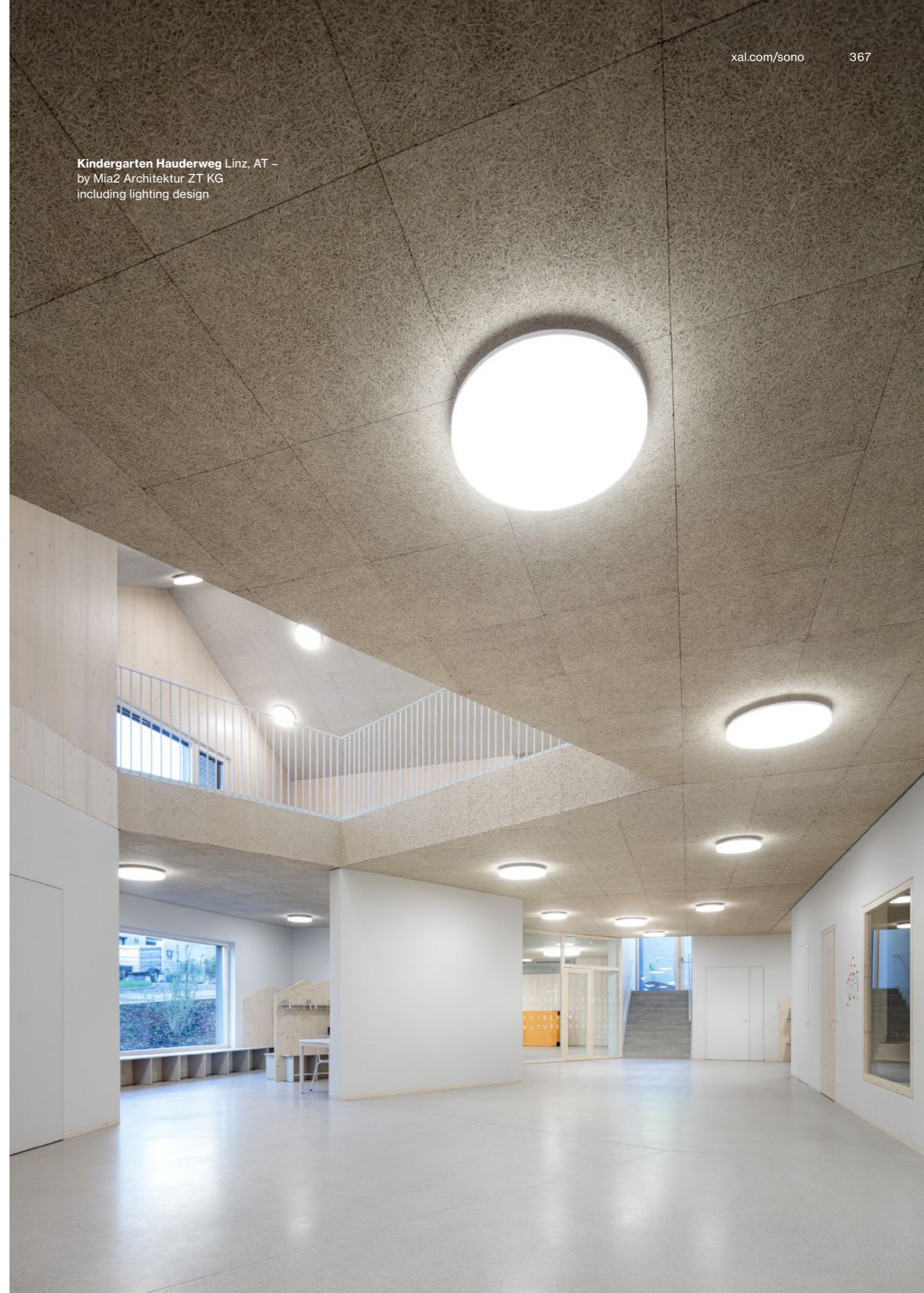
DIRECT/INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
67W	3000K	↓ 5830 / ± 2840lm	071-9158::70
	4000K	↓ 6170 / ± 3010lm	

Grundschule St. Martin in Gsies, IT –
by tasserball architekten



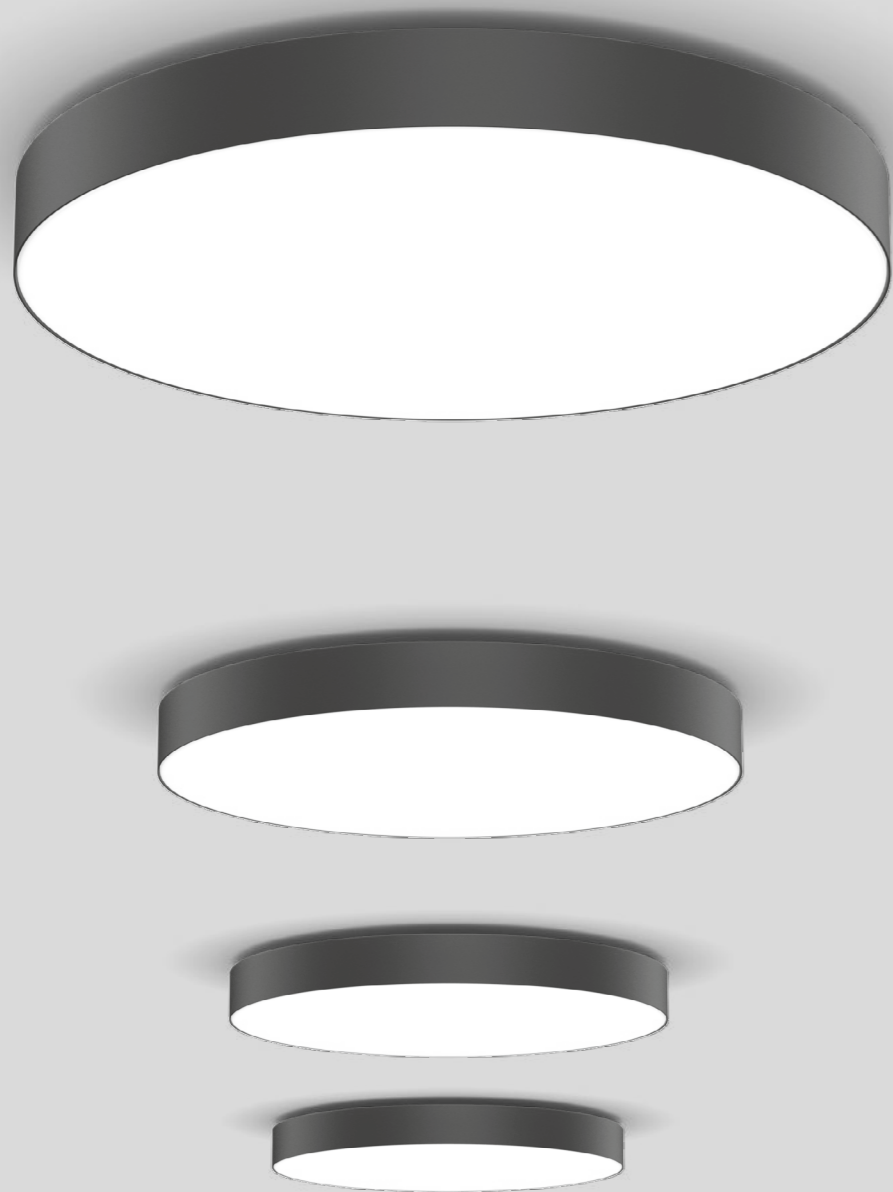
Kindergarten Hauderweg Linz, AT –
by Mia2 Architektur ZT KG
including lighting design



Primarschule Basel, CH – by
Stähelin Partner Architekten AG



back



SONO LOOP IP54

surface

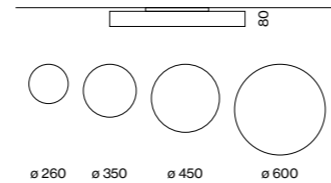
EN Round luminaire housing in die-cast aluminium; surface powder coated; fitted bezel in rolled, seamless welded aluminium profile; suitable for wall or ceiling mounting; completely homogeneously illuminated, satinised PMMA cover; same luminance for all size versions; energy-efficient LEDs with very good colour rendering; luminaire with 2 cable openings and plug-in terminals for through wiring

ES Cuerpo redondo de aluminio; superficie con recubrimiento de pintura en polvo; anillo superpuesto de perfil de aluminio enrollado y soldado sin costuras; apropiada para montaje en techo y paredes; tapa PMMA iluminada homogéneamente con acabado satinado; luminancia idéntica en todos los tamaños; LEDs de alta eficiencia que proporcionan una alta reproducción cromática; luminaria con abertura de 2 orificios para integrar cableado y sencilla conexión

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
uo to 133lm/W
L90 @ 50 000h
non DIM, DALI-2
opal cover
IK 07, IP 54

Types



Colours



Light distribution



direct

Order options

IP RATING

IP54

COLOUR TEMPERATURE

3000K 5
4000K 6

CONTROL

non DIM 1
DALI-2 3

MATERIAL COLOUR

○ pure white RAL 9010 7
● grey aluminium RAL 9007 D

LIGHT OPTIC COVER

opal

Options on request

COLOUR RENDERING INDEX

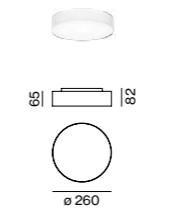
CRI ≥ 90

COLOUR TEMPERATURE

tunable white 2700–6500 K
DALI-2 DT8

CONTROL

RCS Master (☺)
RCS Slave (☺)

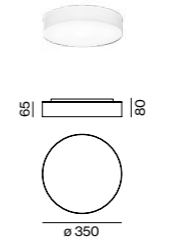


SONO LOOP 260 surface



IP 54 LUMINAIRE

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
7.6 W	3000 K	881 lm	8 7 1 - 8 1 2 6 :: ☺ ☑ ○
	4000 K	933 lm	

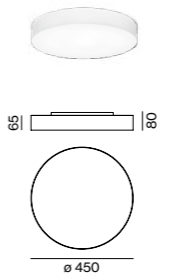


SONO LOOP 350 surface



IP 54 LUMINAIRE

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
15.9 W	3000 K	1940 lm	8 7 1 - 8 1 3 6 :: ☺ ☑ ○
	4000 K	2060 lm	

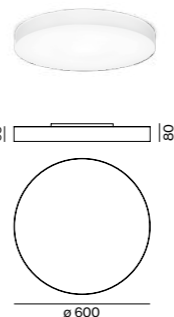


SONO LOOP 450 surface



IP 54 LUMINAIRE

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
23.2 W	3000 K	2850 lm	8 7 1 - 8 1 4 6 :: ☺ ☑ ○
	4000 K	3010 lm	



SONO LOOP 600 surface



IP 54 LUMINAIRE

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
43 W	3000 K	5410 lm	8 7 1 - 8 1 5 6 :: ☺ ☑ ○
	4000 K	5730 lm	



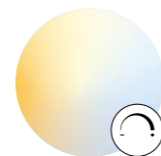
DiiA® standards
251, 252, 253



easy mounting by
click-mechanism



dust and insect
protection (IP 54)

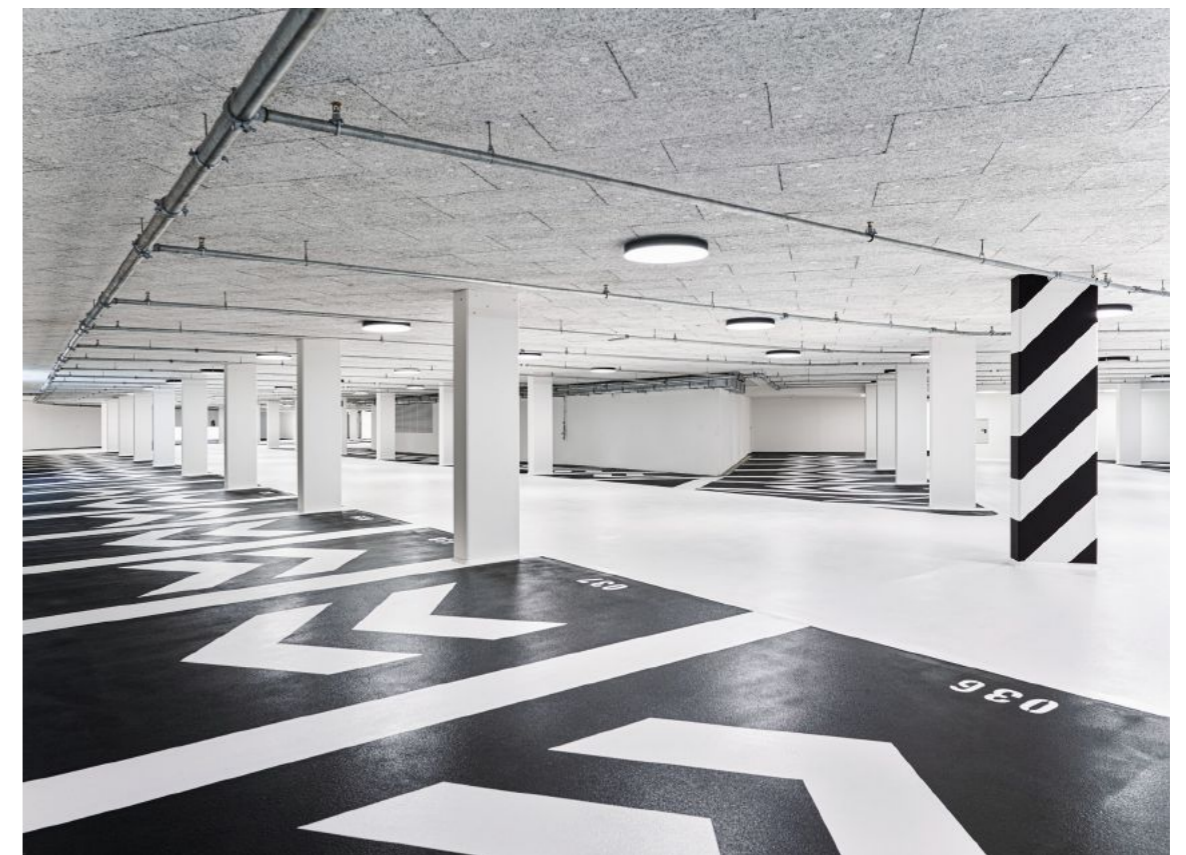


tunable white
2700–6500 K

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal



KTM House of brands
Munderfing, AT – by Hofbauer
Liebmann Architekten ZT GmbH



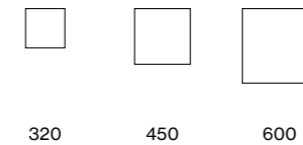
The square difference

FLOW

EN FLOW is ideal for providing light in its pure form. FLOW, whether mounted on the wall or ceiling, or in its suspended variant, has a clean design and flat dimensions. Depending on the desired lighting mood, the IP 40-protected luminaire is available at 3000 K or 4000 K. An opal cover creates a uniform and pleasant light. The surface-mounted luminaire is installed quickly and without tools via a mounting plate.

ES Allí donde se desee contar con luz en su forma más pura, FLOW es la solución perfecta. Ya sea montada en la pared, en el techo, o suspendida, FLOW se mantiene discretamente en segundo plano gracias a su aspecto sencillo y a su forma plana. Dependiendo del ambiente luminoso deseado, esta luminaria con grado de protección IP 40 está disponible en temperaturas de color de 3000 K o 4000 K y ofrece una luz agradable y uniforme gracias a su difusor opal. En su versión suspendida, FLOW también ilumina el techo de manera efectiva con una proporción adicional de luz indirecta. La instalación de la luminaria de superficie se realiza de un modo sencillo y sin herramientas gracias a una placa de montaje.

Types

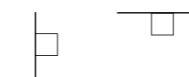


320

450

600

Mountings



wall

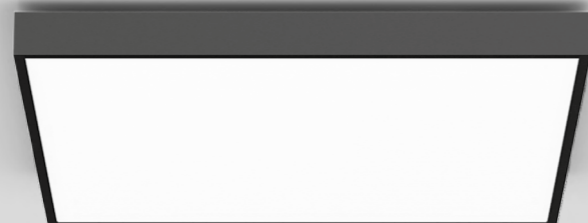
ceiling

Light distribution



opal

back



FLOW

surface

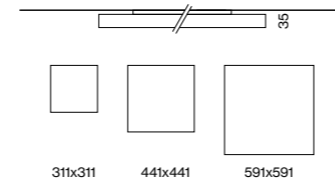
EN Square aluminium luminaire housing, flat design (luminaire housing 35 mm); surface powder coated; suitable for wall or ceiling mounting, luminaire housing set 11 mm away from wall or ceiling; convenient quick mounting system without tools; direct light distribution by LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; light control via highly reflective reflector material; completely homogeneous illumination; same luminance for all size versions; energy-efficient LEDs with very good colour rendering; luminaire with 2 cable openings and plug-in terminals for through wiring

ES Luminaria cuadrada fabricada en aluminio, cuenta con un tamaño muy reducido (cuerpo de 35 mm); superficie con recubrimiento de pintura en polvo; instalación apta para techos y paredes, cuerpo de la luminaria ubicado a 11 mm de la pared o techo; sistema de montaje rápido sin herramientas; distribución de luz directa a través de cuerpo LGP (Light Guiding Prism); la luz acoplada lateralmente se orienta hacia abajo por medio de un grabado por láser; orientación luz por medio de un elemento altamente reflectante; iluminación homogénea; luminancia idéntica en todos los tamaños; LEDs de alta eficiencia que proporcionan una alta reproducción cromática; luminaria con abertura de 2 orificios para integrar cableado y sencilla conexión

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 146lm/W
L90 @ 50 000h
non DIM, DALI-2
opal, IP 40

Types



Colours



Light distribution



Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

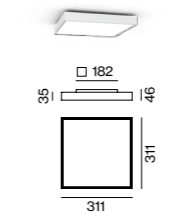
MATERIAL COLOUR	
<input type="radio"/> pure white RAL 9010	7
<input checked="" type="radio"/> white aluminium RAL 9006	G
<input type="radio"/> jet black RAL 9005	8
<input type="radio"/> special colours p.992	X

LIGHT OPTIC COVER	
opal	

Options on request

MOUNTING	
1500 mm cable suspension	

COLOUR RENDERING INDEX	
CRI ≥ 90	

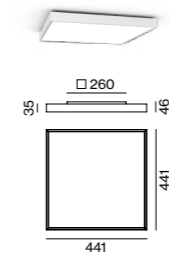


FLOW 320 surface



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
15.2 W	3000K	2000 lm	073-01311
	4000K	2120 lm	

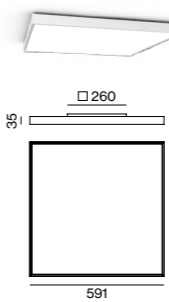


FLOW 450 surface



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
23.9 W	3000K	3250 lm	073-01411
	4000K	3440 lm	



FLOW 600 surface

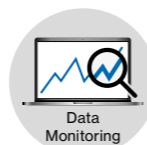


DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
44 W	3000K	6060 lm	073-01511
	4000K	6420 lm	

Accessories

TYPE	ORDER CODE
dismounting tool	073-0100000



DiiA® standards
251, 252, 253



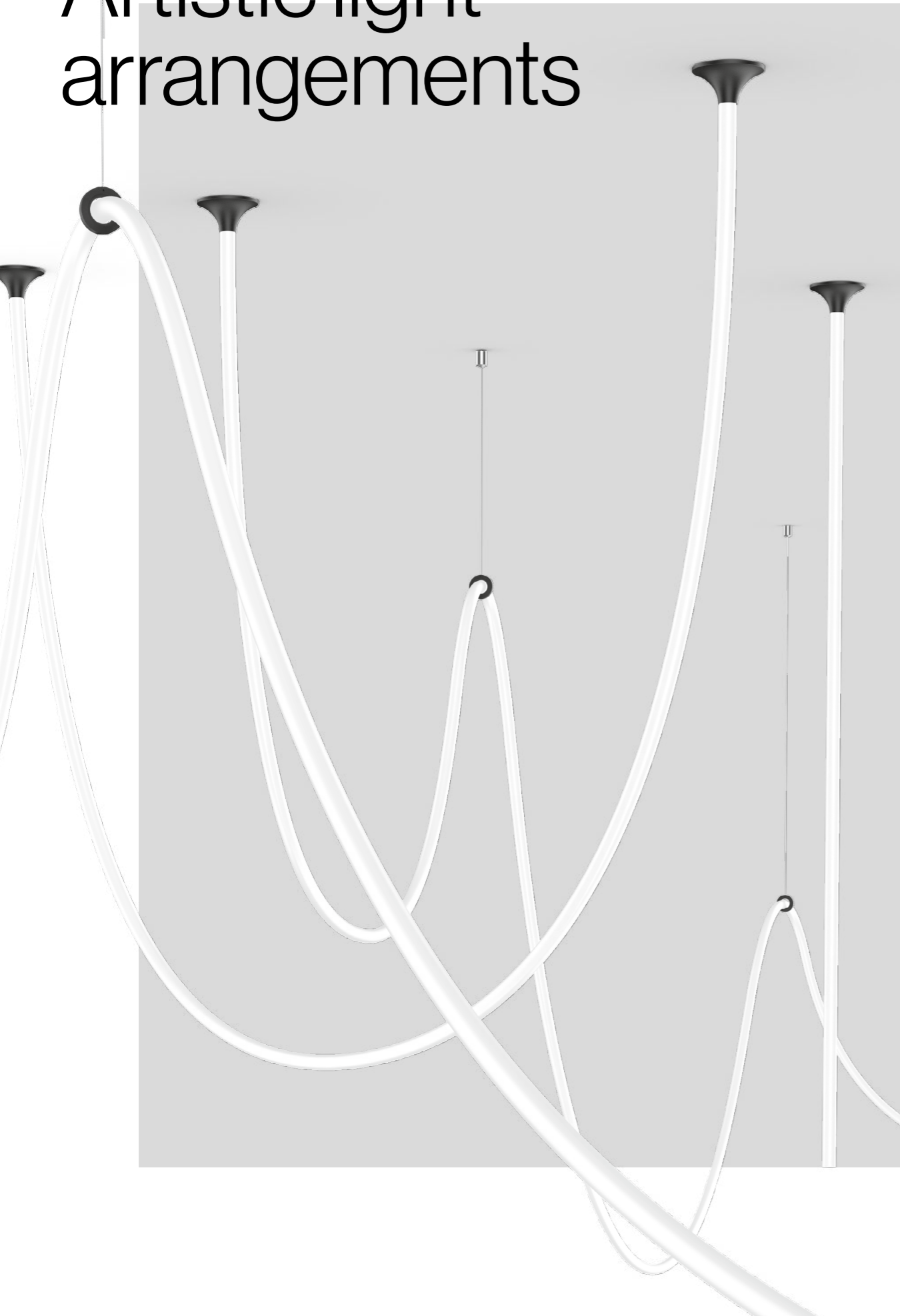
easy mounting by click-mechanism
insect protection (IP 40)

LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, cover opal

Businesscenter
Wels, AT –
by Riepl / Riepl



Artistic light arrangements



JANE

EN JANE gives flexibility in design a new dimension. The rope-like, highly flexible LED luminaire is made of food-safe silicone and offers complete freedom when designing creative ceiling and wall arrangements. JANE has a homogeneous light distribution, with a diameter of only 18 mm. At up to 10 metres long, it is ideal for small and large visions. The light cables can be easily arranged into custom patterns with the ceiling clips and cable holders. JANE is available in 3000 K or 4000 K light colours and, with CRI ≥ 90 , also delivers top colour rendering. This luminaire is unique because of its appearance. It is a new, highly decorative innovation from XAL – artistic and exclusive.

ES Con JANE, la flexibilidad en el diseño adquiere una nueva dimensión. Esta luminaria LED altamente flexible está fabricada de silicona y ofrece una total libertad para la realización de diseños creativos. JANE dispone de una proyección de 360 grados totalmente homogénea con un diámetro de tan solo 18 mm, y, gracias a su longitud de hasta 10 metros, es apta para proyectos de gran escala así como para pequeños proyectos. Los clips de techo y los soportes permiten combinar los cables fácilmente formando diseños llamativos. JANE está disponible en temperaturas de color de 3000 K o 4000 K y garantiza una muy buena reproducción cromática con IRC ≥ 90 . Una luminaria única por su apariencia: una auténtica innovación de XAL con un enorme potencial decorativo, dotada de un toque artístico y exclusivo.

Mountings



semi-recessed

surface

suspended

Light distribution



opal



Artistic sculptures

EN JANE curves along walls and loops from ceilings thanks to its flexibility. This corded, food-grade silicone luminaire promises full lighting-design freedom. Create dynamic patterns and artistic arrangements; bring unique and harmonious motion to life.

ES JANE cuelga de la pared y el techo con total flexibilidad. Fabricada de silicona, esta luminaria ofrece la máxima libertad en el diseño. Haga realidad patrones de iluminación únicos dotados de un toque excepcional y un movimiento armonioso.

Mounting options

EN JANE attaches to ceilings or walls easily to fully meet your needs. The luminaire hangs in position with ceiling clips and cord holders. The suspended cord is height-adjustable without any tools. Let your design ideas run free. You can even arrange JANE perfectly linearly thanks to the special track guide.

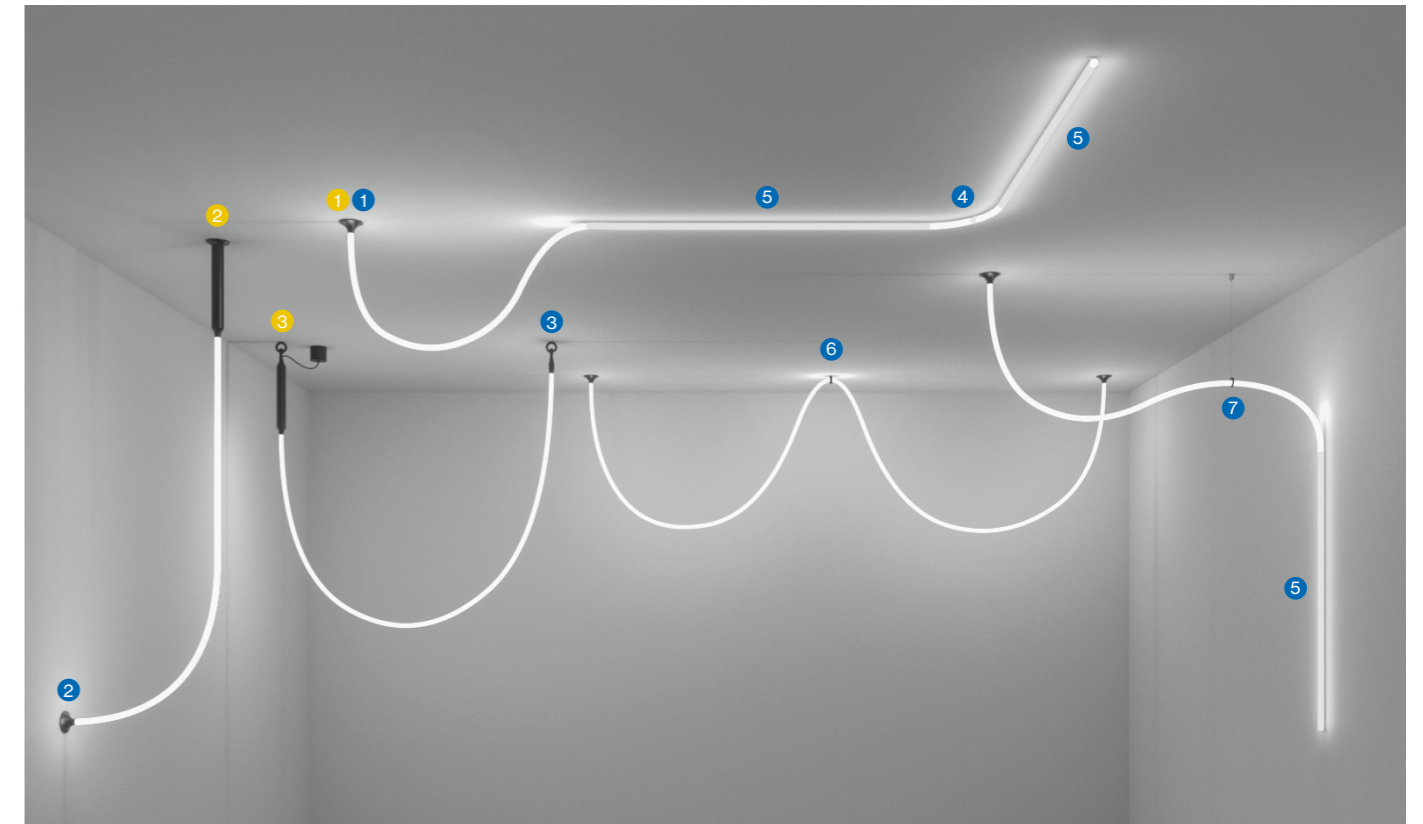
ES JANE se fija a techos o paredes de un modo fácil y totalmente personalizado. Los clips de techo y los soportes colocan a la luminaria en la posición deseada, y la altura de la suspensión por cable puede regularse sin necesidad de herramientas. Todo ello para que usted pueda dar rienda suelta a su creatividad. La configuración lineal también es posible: JANE puede guiarse totalmente en línea recta utilizando un carril transparente de superficie.

Mounting accessories

- 1 mounting set recessed
- 2 mounting set surface
- 3 mounting set suspended
- 4 clip surface (transparent)
- 5 channel surface (transparent)
- 6 mounting ring surface
- 7 mounting ring suspended

Electrical accessories

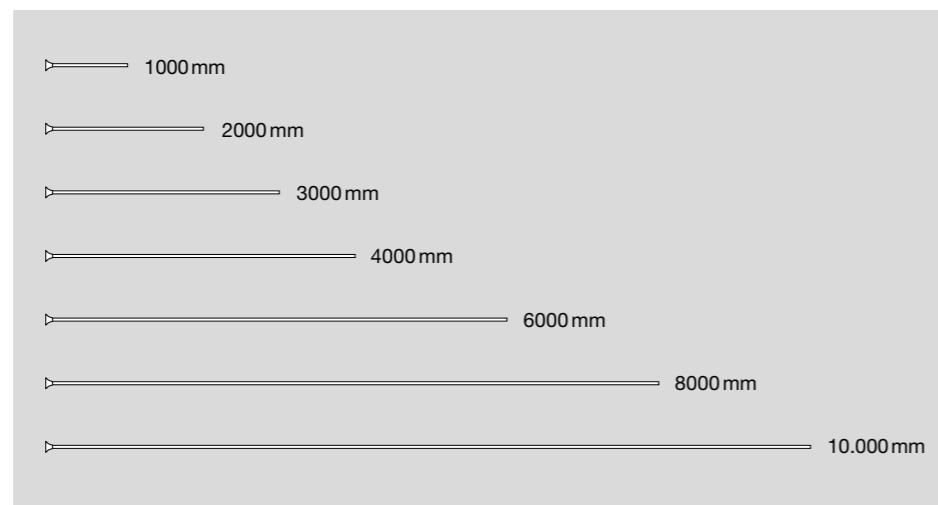
- 1 power supply recessed
- 2 power supply surface
- 3 power supply suspended



Length variety

EN How far does your vision go? JANE adapts to your project dimensions whether expansive or confined. Create light sculptures perfectly tailored to the space and the ambience in a wide range of sizes thanks to its varying light cord lengths, from 1 to 10 m.

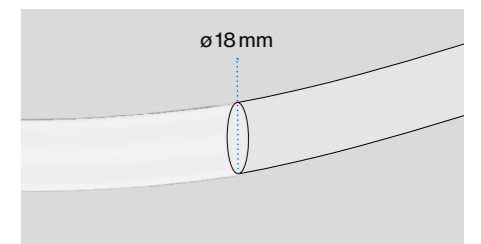
ES ¿Es grande la idea que tiene en mente? Ya se trate de ideas grandes o pequeñas, JANE se adapta a las dimensiones específicas de su proyecto. Distintas longitudes de cable de 1 a 10 m permiten elaborar esculturas luminosas de los más diversos tamaños, perfectamente adaptadas al espacio disponible y a la atmósfera del entorno.



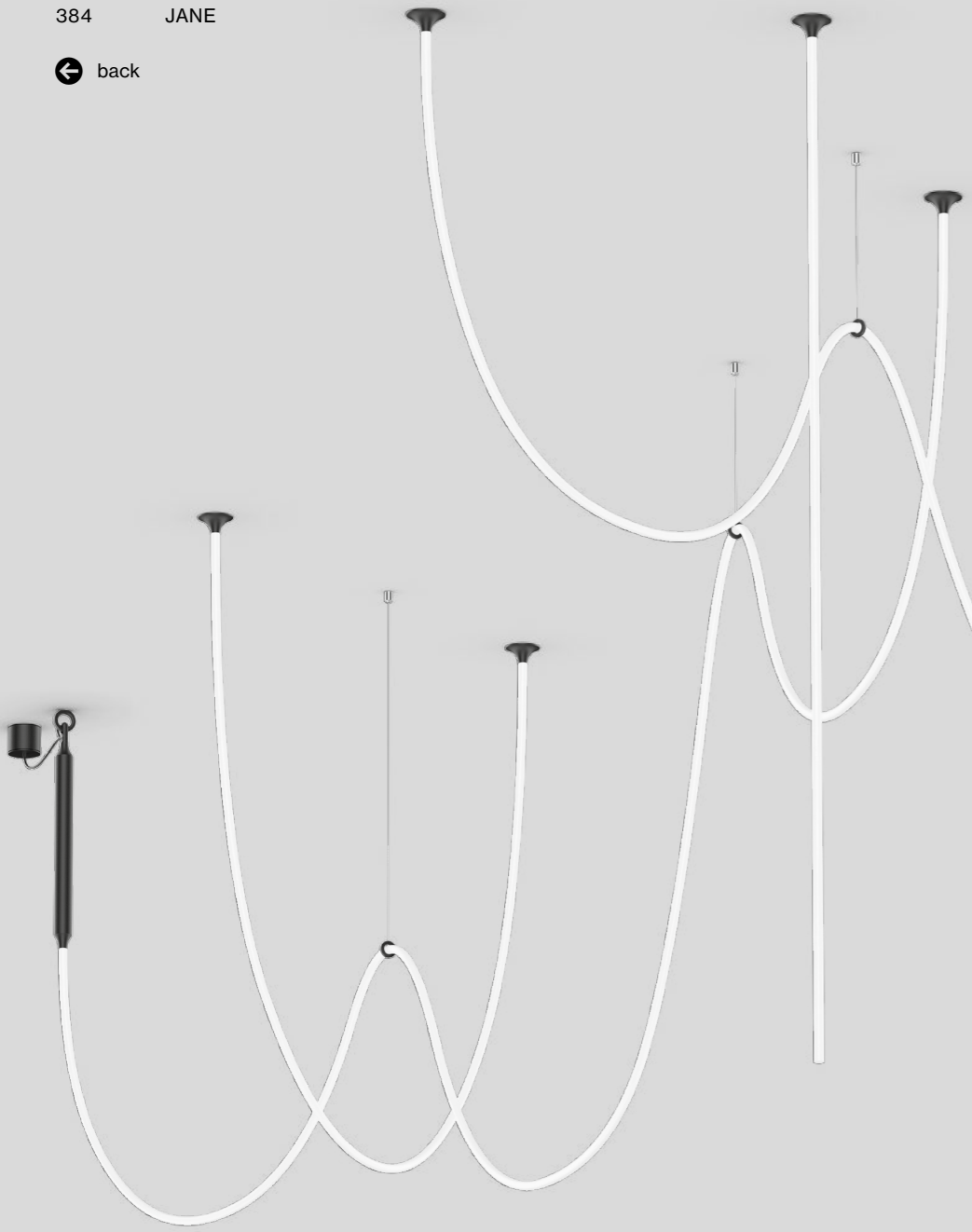
Slim and decorative

EN JANE is so much more than merely decorative. Its focussed 18 mm diameter packs enormous punch. The light cord's uniform all-round 360° beam characteristics deliver balanced illumination. Craft beautiful, swooping light sculptures and generate pleasant, homogeneous lighting wherever JANE is set.

ES Más que "meramente decorativa": JANE ofrece innumerables posibilidades en sus solo 18 mm de diámetro. Este cable de luz proporciona una iluminación equilibrada gracias a su proyección homogénea de 360°. Las esculturas de luz dinámicas creadas con JANE no solo son el foco de todas las miradas, sino que también proporcionan un alumbrado homogéneo.



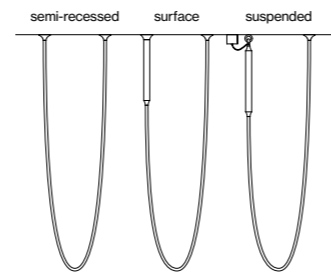
← back



Quickinfo

3000K, 4000K
 CRI ≥ 90, 3 SDCM
 up to 1000lm/m
 up to 71lm/W
 L80 @ 50000h
 non DIM, DALI
 IP 40

Types



∅18 x 1000-10000

Canopy colours



Light distribution

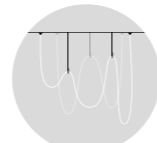


JANE

semi-recessed / surface / suspended

EN Highly flexible light rope made of food grade silicone for creative and decorative design; extremely slim design (only 18 mm diameter); for wall-/ceiling surface mounting or suspended mounting (cable suspension, height adjustment without tools); completely homogeneously illuminated, matt surface; 360° light emission; energy-efficient LEDs with very good colour rendering; optionally with external converter for ceiling installation or suspended in combination with the light rope (available as an accessory)

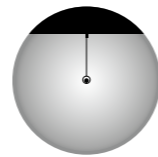
ES Cable de luz altamente flexible de silicona alimentaria para un diseño creativo y decorativo; diseño extremadamente esbelto (solo 18 mm de diámetro); para montaje sobre pared/techo o suspendido (suspensión por cable, ajuste de altura sin herramienta); superficie mate de iluminación totalmente homogénea; 360° de emisión; LEDS de alta eficiencia que proporcionan una alta reproducción cromática; convertidor externo opcional para integración en techo o suspendido en combinación con el cable de luz (disponible como accesorio)



many mounting options



dust and insect protection (IP 40)



360° light emitting

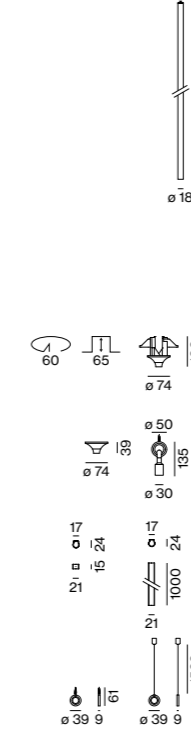
Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI	3

LENGTH	
1000 mm	1
2000 mm	2
3000 mm	3
4000 mm	4
6000 mm	6
8000 mm	8
10000 mm	0

MATERIAL COLOUR	
○ pure white RAL 9010	7
● jet black RAL 9005	8



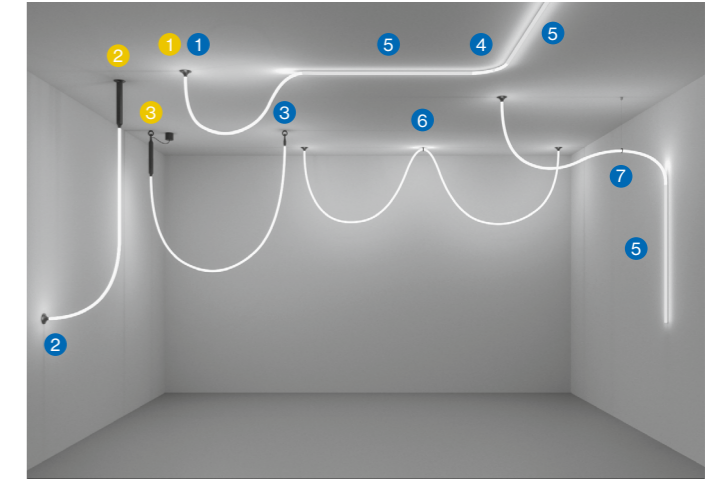
JANE semi-recessed / surface / suspended



LUMINAIRE			
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
14.4W/m	3000K	812lm/m	058-651 L 10
	4000K	1000lm/m	

Mounting accessories

MOUNTING ACCESSORIES		
TYPE	L-W-H (mm)	ORDER CODE
1 mounting set recessed	∅74-100	058-659021
2 mounting set surface	∅74-39	058-659101
3 mounting set suspended	∅50/30-135	058-659201
4 clip surface (transparent)	15-21-24	058-6591410
5 channel surface (transparent)	1000-21-24	058-6591110
6 mounting ring surface	∅39-9-61	058-659161
7 mounting ring suspended	∅39-9	058-659261



various mounting options with different mounting accessories

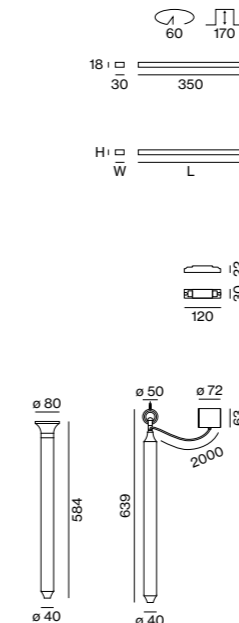
Electrical accessories

1 POWER SUPPLY RECESSED 220-240V AC, 48V, 50-60Hz			
TYPE		L-W-H (mm)	ORDER CODE
100W recessed	PC II	350-30-18	002-62134
150W recessed	PC II	350-30-18	002-62135
60W revision opening	PC II	163-43-32	002-62133
100W revision opening	PC II	350-30-18	002-62134
150W revision opening	PC II	350-30-18	002-62135
250W revision opening	PC II	400-40-22	002-62139
320W revision opening	PC I	252-90-44	002-60320
DALI device		120-30-22	058-6599330

2 POWER SUPPLY SURFACE 220-240V AC, 48V, 50-60Hz			
TYPE		L-∅ (mm)	ORDER CODE
100W surface	PC II	584-∅40	058-65912
150W surface	PC II	584-∅40	058-65913

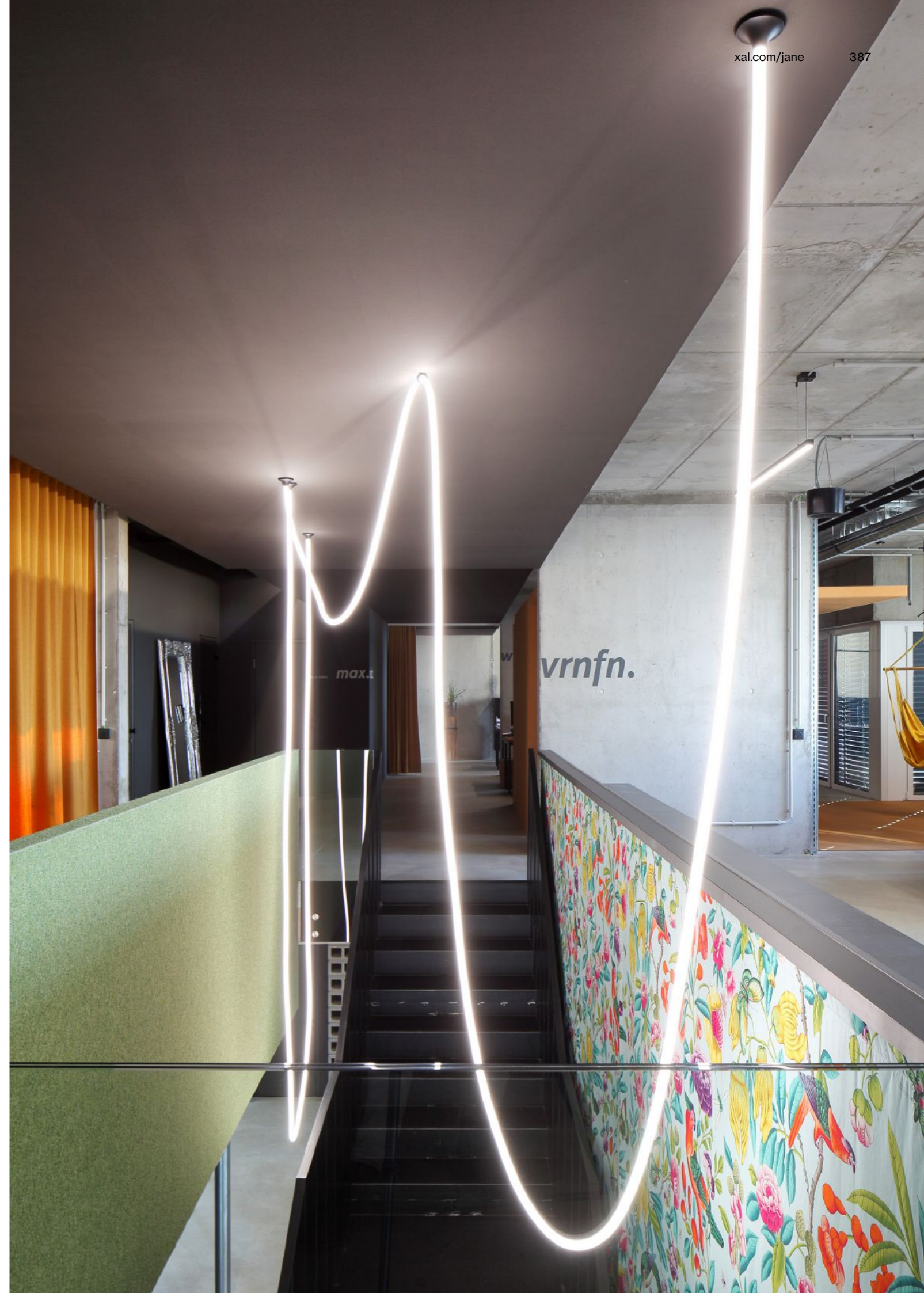
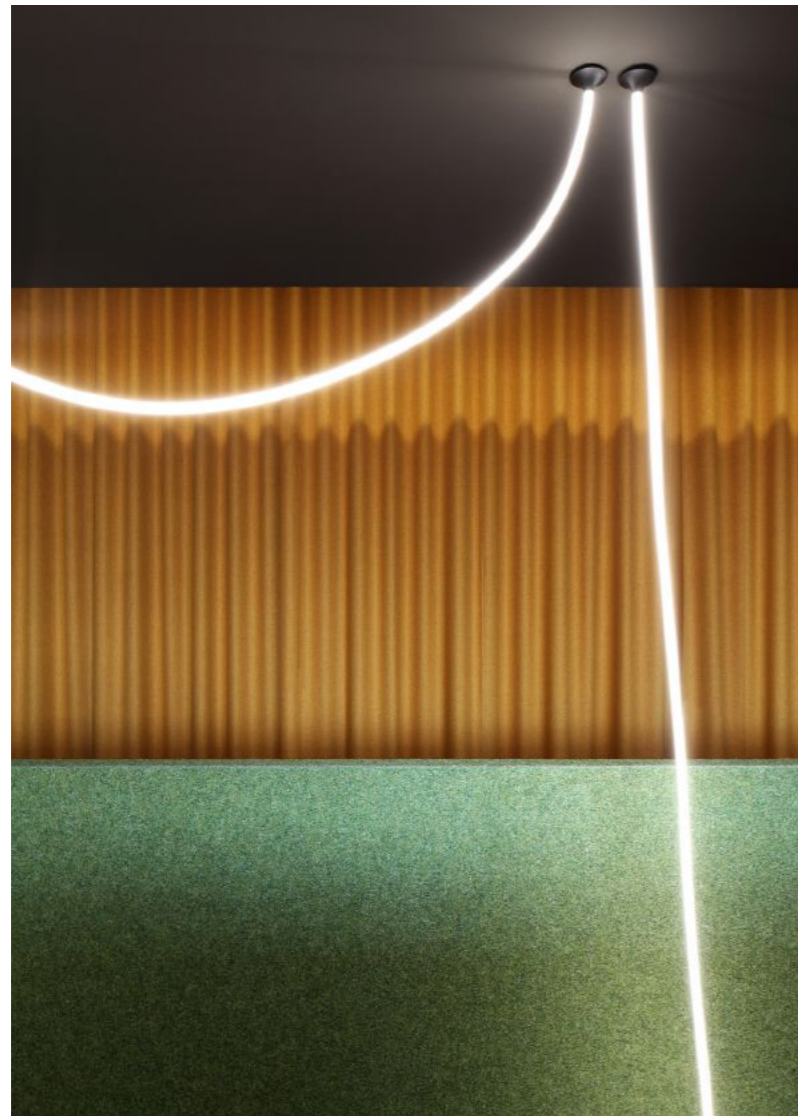
3 POWER SUPPLY SUSPENDED 220-240V AC, 48V, 50-60Hz			
TYPE		L-∅ (mm)	ORDER CODE
100W suspended	PC II	639-∅40	058-65922
150W suspended	PC II	639-∅40	058-65923

incl. ceiling canopy and 2000mm power cable



LUMINOUS FLUX value calculated for CRI ≥ 90, colour white, rope silicone

Upart Werbung & Kommunikation GmbH Linz-Urfahr, AT –
by MOSER UND HAGER Architekten ZT GmbH





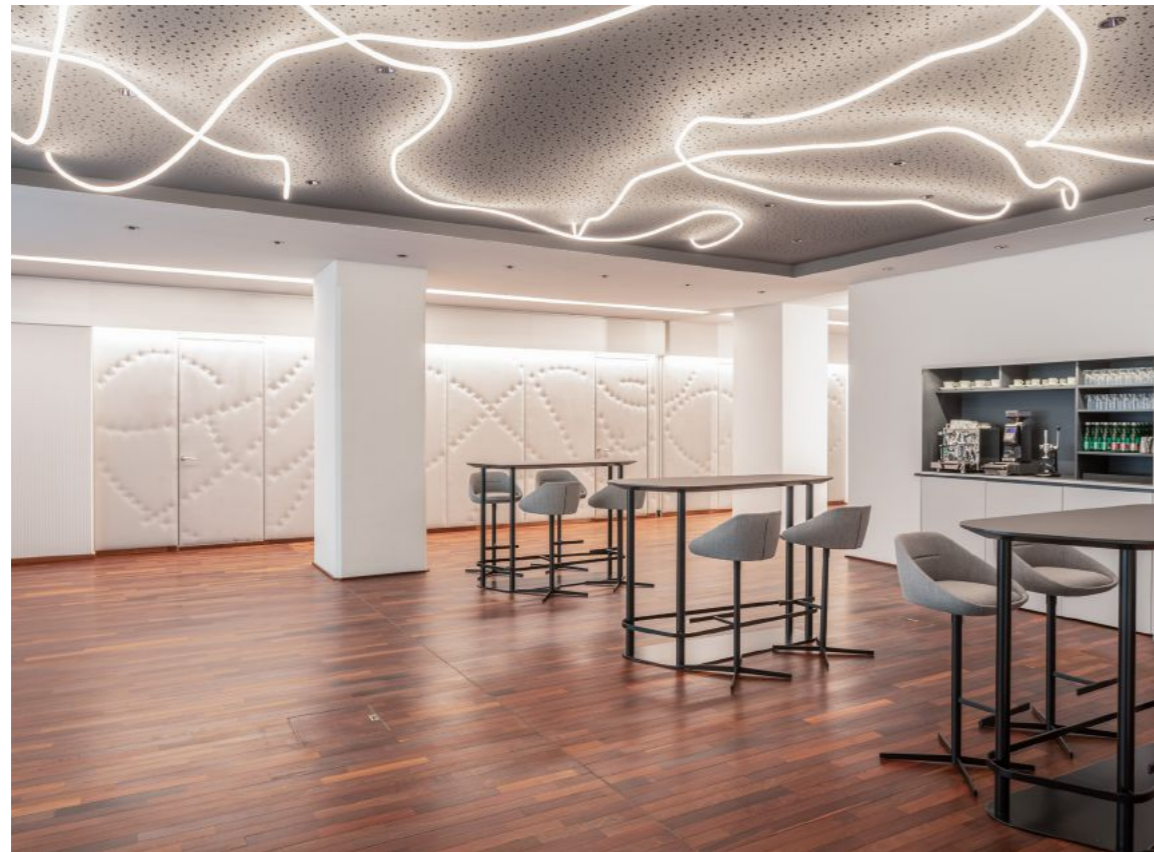
The Raum Bolzano, IT –
by bergundtal gmbh.



Office Greenhouse Gent, BE –
by Boîte, Interieur & concept architecten



**Binder Grösswang Rechtsanwälte
GmbH** Vienna, AT – by The Black
Square Planungsbüro GmbH



Effective at work



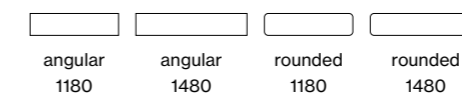
DESO

EN A classic office luminaire that meets all requirements without being obtrusive. DESO convinces through its fantastic simple, rectangular shape. It can come with rounded corners or angular design.

Thanks to its microprismatic cover, it provides excellent workplace lighting, delivers optimum glare control of $UGR \leq 19$, and is suitable for single and double workstations. The discreet indirect light distribution creates a pleasant, homogeneous ceiling illumination. An optional brightness and presence sensor automatically adjusts the lighting to the ambient brightness in the office.

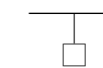
ES Una luminaria clásica de oficina que satisface todos los requisitos sin llamar la atención sobre sí misma: DESO convence por su forma sencilla y rectangular –ya sea en el modelo angulado o de esquinas redondeadas– y su construcción plana. Su difusor microprismático la convierte en una excelente luz de puesto de trabajo exenta de deslumbramiento con $UGR \leq 19$, siendo apta para puestos dobles o individuales. La discreta emisión de luz indirecta genera además una iluminación del techo agradable y homogénea. Un sensor de movimiento y luz natural opcional adapta automáticamente la iluminación a la luminosidad ambiental de la oficina.

Types



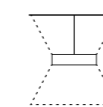
angular 1180 angular 1480 rounded 1180 rounded 1480

Mounting



suspended

Light distribution



direct
indirect



DESO

suspended

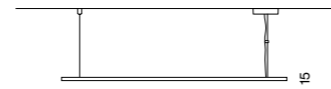
EN Rectangular luminaire housing in aluminium; choice of angular design or with rounded edges; ultra low-profile design (only 15 mm); surface powder coated; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; incl. feed (white); electronic operating unit installed in the canopy; direct/indirect light distribution by LGP body (Light Guiding Prism); side coupled light, directed up and down by laser engraving; direct component: microprismatic PMMA cover; indirect component covered with opal cover; homogeneous illumination; energy-efficient LEDs with very good colour rendering; canopy for through wiring

ES Cuerpo de luminaria rectangular de aluminio; disponible en variante angular o de bordes redondeados; perfil extraplano (solo 15 mm); superficie con recubrimiento de pintura en polvo; suspensión por cable; altura regulable sin herramienta; incl. cable de alimentación (blanco); driver integrado en remate de techo; distribución de luz directa/indirecta por cuerpo LGP (Light Guiding Prism); la luz acoplada lateralmente se orienta hacia arriba/abajo por un grabado láser; componente directa con difusor microprismático de metacrilato; componente indirecta cuenta con difusor opal; iluminación homogénea; LEDs de alta eficiencia con muy buena reproducción cromática; remate de techo para cableado

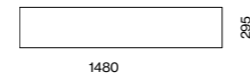
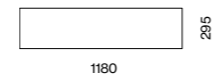
Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
UGR ≤ 19 / 65° ≤ 3000 cd/m²
up to 131lm/W
L90 @ 50 000h
DALI-2
microprismatic (UGR ≤ 19)

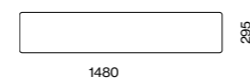
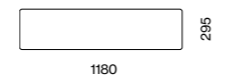
Types



DESO



DESO rounded



Colours



Light distribution



direct
indirect



detail
end caps



detail rounded
end caps



DIN EN 12464-1
UGR ≤ 19



direct/indirect
illumination

Order options

COLOUR TEMPERATURE

3000K	5
4000K	6

CONTROL

DALI-2

MATERIAL COLOUR

 pure white RAL 9010

LIGHT OPTIC COVER

microprismatic (UGR ≤ 19)

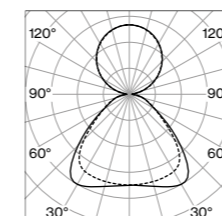
Options on request

CONTROL

non DIM

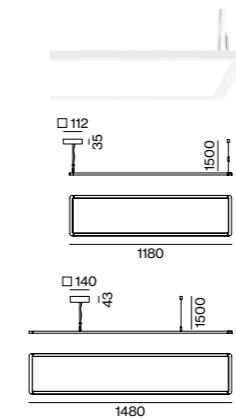
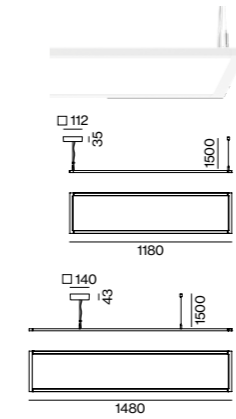
 ESSENTIAL sensor
(brightness & presence)

Light distribution

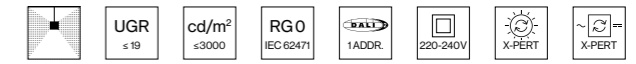


microprismatic
direct/indirect

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover microprismatic



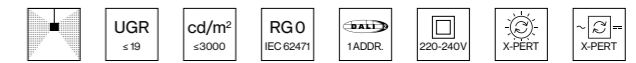
DESO suspended



DIRECT / INDIRECT

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
39 W	3000 K	↓ 2750 / ↑ 2090 lm	1180	0 7 4 - 2 2 4 4 :: 3 7 P
	4000 K	↓ 2910 / ↑ 2210 lm		
64 W	3000 K	↓ 3360 / ↑ 2540 lm	1480	0 7 4 - 2 2 4 5 :: 3 7 P
	4000 K	↓ 4400 / ↑ 3340 lm		

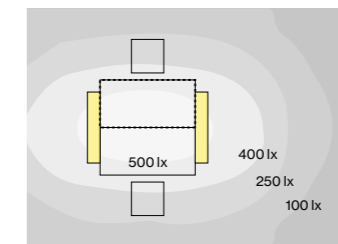
DESO rounded suspended



DIRECT / INDIRECT

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
39 W	3000 K	↓ 2750 / ↑ 2090 lm	1180	0 7 4 - 3 2 4 4 :: 3 7 P
	4000 K	↓ 2910 / ↑ 2210 lm		
64 W	3000 K	↓ 3360 / ↑ 2540 lm	1480	0 7 4 - 3 2 4 5 :: 3 7 P
	4000 K	↓ 4400 / ↑ 3340 lm		

Technical data



DESO suspended, 39W, 4000K,
direct/indirect

ROOM VALUES

Room dimensions	5.4 × 4 × 2.8 m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8
Suspension height	2.25 m

CALCULATION SURFACE

Surface dimensions	1.6 × 0.8 m
Surface height	0.75 m
Average illuminance (E _m)	> 500 lx
Uniformity (U ₀)	> 0.6



GLARE EVALUATION

Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 16
UGR axial	≤ 16
≥ 65° ≤ 3000 cd/m ²	

Highlight Towers Munich, DE –
lighting design by Lumen3 GbR



Ultra-slim office series

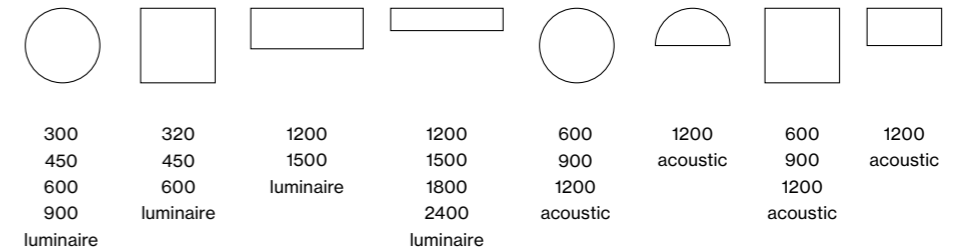


TASK

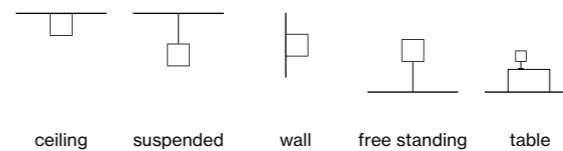
EN The ultra-slim TASK series fulfils all requirements of modern office lighting while being impressively flexible. Innovative technology and highly efficient LEDs meet minimalistic design. Thanks to its microprismatic cover, TASK provides bright and glare-minimised work light. The large product family includes ceiling, wall, floor, and table luminaires in a shared, sleek design language. The optional indirect light provides pleasant ceiling illumination. In addition, the ESSENTIAL sensor enables dynamic adjustment of the TASK S system and the floor luminaire to the ambient brightness and room activity. The SENSE variant also measures values such as temperature, air quality, humidity, and noise level. The SENSE sensor is IoT ready and enables the TASK free standing to transfer data via WLAN. For optimal room acoustics, the luminaires can be supplemented with highly effective acoustic elements with the same appearance.

ES La serie ultraesbelta TASK satisface todos los requisitos de la moderna iluminación de oficinas, además de ofrecer una impresionante flexibilidad. Una tecnología innovadora y unos LED extremadamente eficientes se combinan con un diseño minimalista. Gracias a su difusor microprismático, TASK emite una luz con un deslumbramiento mínimo. Esta gran familia de productos incluye luminarias de techo, pared, pie y mesa en su característico diseño. TASK está disponible como luminaria individual, pudiendo ampliarse con otros componentes en un sistema mediante un mecanismo de clic. La luz indirecta opcional proporciona una iluminación de techo agradable. Además, el sensor ESSENTIAL permite adaptar dinámicamente el sistema TASK S y la luminaria de pie a la luminosidad del entorno y a la actividad de la sala. La variante SENSE también mide valores como la temperatura, la calidad y humedad del aire y el nivel de ruido. El sensor SENSE está preparado para el IoT y permite al TASK free standing transmitir datos vía WLAN. Para obtener una acústica ambiental óptima, los cuerpos luminosos pueden combinarse con elementos acústicos altamente eficaces de apariencia similar.

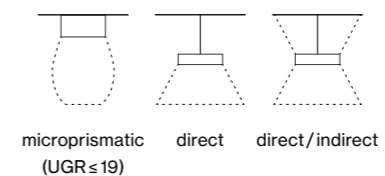
Types



Mountings



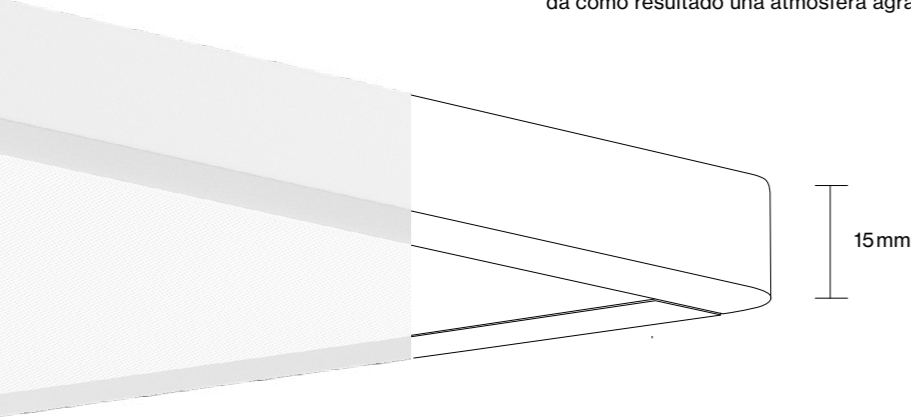
Light distributions



Ultra-slim and versatile

EN TASK combines an ultra-slim design with innovative lighting technology. These include, in particular, an LGP (Light Guiding Prism), which directs the laterally coupled light from highly efficient LEDs upwards and downwards. It creates a pleasant room atmosphere through a balanced relationship between direct and indirect light.

ES TASK combina un diseño ultrafino con una tecnología de iluminación innovadora. A esta pertenece, entre otros elementos, un prisma LGP (Light Guiding Prism) encargado de guiar hacia arriba y hacia abajo la luz acoplada lateralmente procedente de LED ultraeficientes. Esto crea una relación equilibrada entre la luz directa y la indirecta, que da como resultado una atmósfera agradable.



One design – many options

EN Thanks to a variety of shapes and mounting options, available individually but also as a system variant, TASK creates uniform lighting solutions for the most diverse projects. Pendant or surface-mounted luminaires for walls and ceilings can be supplemented by mobile floor and table luminaires. Flexible in use and uniform in design.

ES La luz es importante, pero no por sí sola. Una acústica ambiental adecuada también influye considerablemente en nuestra confortabilidad en el lugar de trabajo. Unos paneles acústicos en seis colores fabricados de un 60% de PET reciclado completan la serie TASK y reducen el ruido ambiental en la oficina.



Pleasant room acoustics

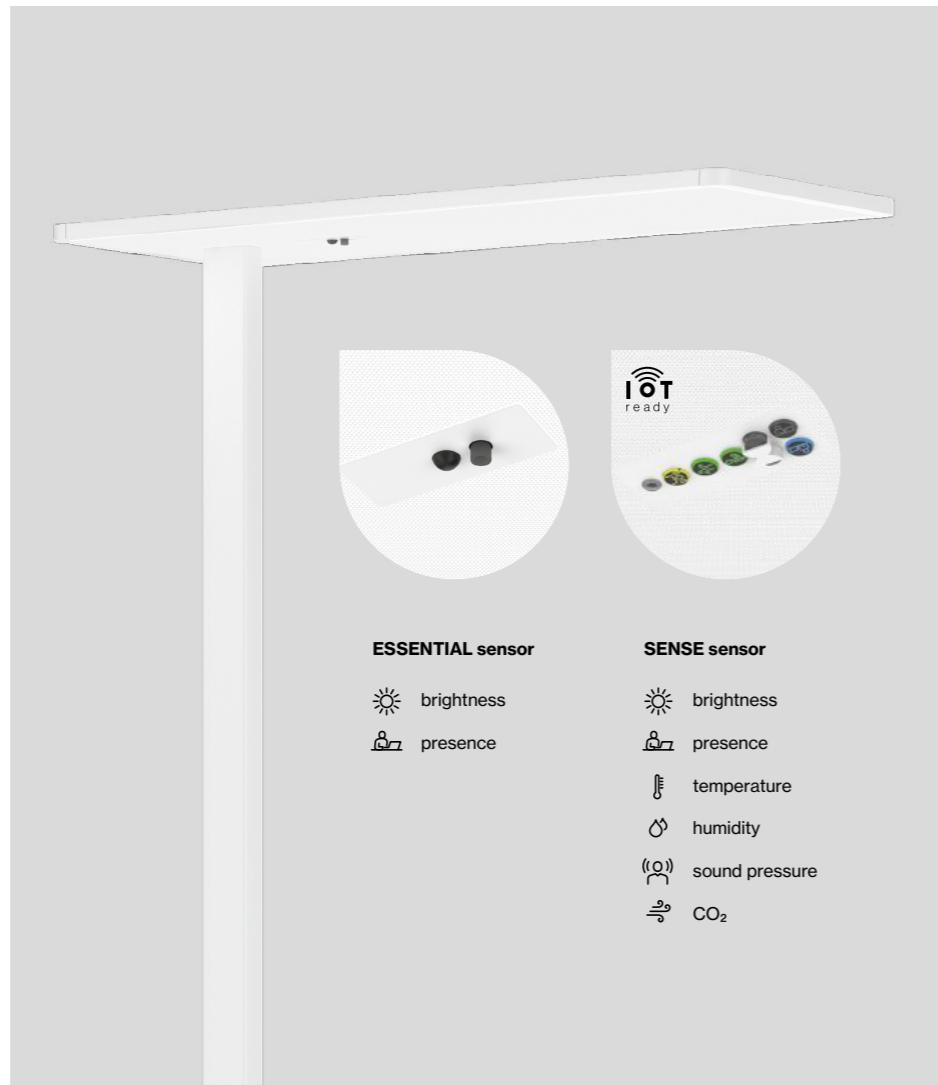
EN Light is decisive but not solely. Pleasant room acoustics have a significant impact on job satisfaction. Acoustic panels in various colours and made of 60%-recycled PET complement the TASK series and reduce background noise in the office. For concentrated, productive work.

ES Libertad de configuración gracias a conexiones enchufables: cada elemento de un sistema TASK S puede reordenarse, combinarse y conectarse eléctricamente sin necesidad de herramientas con un solo clic. Y, en caso de que se deba ampliar la oficina o rediseñar el espacio existente, el sistema de iluminación es capaz de adaptarse fácilmente a cualquier modificación.

Advanced sensor technology

EN The TASK S single luminaire and the TASK Free Standing adapt to daylight and room activity. Integrated motion sensors automatically dim the lighting while smart daylight sensors enable the light intensity to be adjusted to the ambient brightness. In addition, the SENSE version measures values such as temperature, air quality, humidity, and noise level. These data provide important insights into the conditions and use of rooms, and also support energy savings in the long term. The data from the sensors is transmitted via DALI. The SENSE sensor is IoT ready and enables the TASK free standing to transfer data via WLAN.

ES La luminaria TASK S individual y la TASK Free Standing se adaptan a la luz del día y a la actividad de la sala. Los sensores de movimiento integrados atenúan automáticamente la iluminación cuando la sala está vacía. Unos sensores Daylight inteligentes permiten adaptar la intensidad luminosa a la luminosidad del entorno. La variante SENSE también mide valores como la temperatura, la calidad y humedad del aire y el nivel de ruido. Estos datos no solo ofrecen información importante sobre las condiciones y el uso de las salas, sino también fomentan el ahorro energético de un modo duradero. Los datos de los sensores se transmiten a través de DALI. El sensor SENSE está preparado para el IoT y permite al TASK free standing transmitir datos vía WLAN.

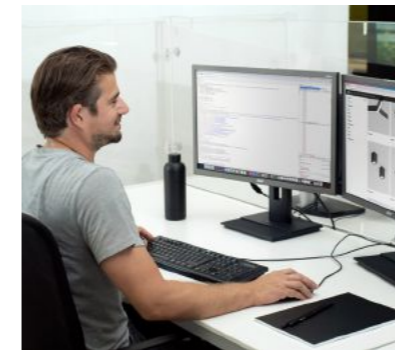


ESSENTIAL sensor

- brightness
- presence

SENSE sensor

- brightness
- presence
- temperature
- humidity
- sound pressure
- CO₂



Screen-work friendly

EN TASK guarantees standard-compliant illumination of workplaces with custom anti-glare prisms. TASK also focuses on brightness and reduces reflections. An ideal light source for double workstations in open-plan offices and also for single workstations in smaller offices.

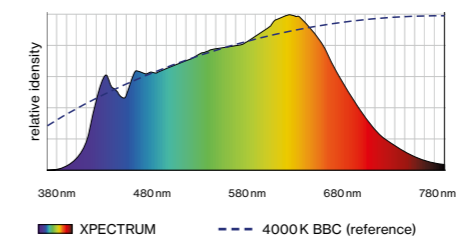
ES TASK garantiza una iluminación de puestos de trabajo adaptada a la normativa mediante el uso de prismas especiales antideslumbrantes. Pone el foco en la luminosidad y reduce los reflejos. Una fuente de luz ideal para puestos de trabajo dobles en oficinas de gran tamaño, pero también para puestos de trabajo individuales en oficinas pequeñas.

Full-spectrum LED

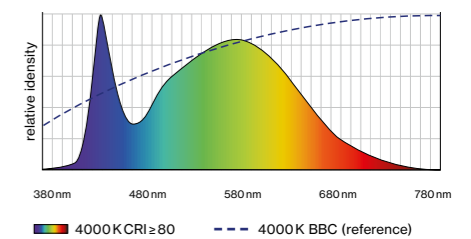
EN XAL's new XPECTRUM LEDs deliver healthy, biologically effective light. The reduced blue light and increased cyan values reduce the blue light hazard for the eye to daylight-equivalent levels. The resulting non-visual, so-called melanopic light effect, improves concentration and increases sleep quality. The excellent colour rendering of IES T_M 30-15 R_i = 98 and R_g = 101 further helps visual comfort.

ES El nuevo LED XPECTRUM de XAL ofrece una luz saludable con efectos biológicos. La menor proporción de luz azul y el aumento de los valores de cian minimizan el riesgo de la incidencia de luz azul en el ojo, manteniéndola a un nivel similar al presente en la luz natural. El efecto no visible resultante, denominado efecto melanópico, fomenta la concentración y mejora la calidad del sueño. Además, su excelente reproducción cromática –con índices R_i = 98 y R_g = 101 según la norma IES TM-30-15– garantiza una mayor comodidad visual.

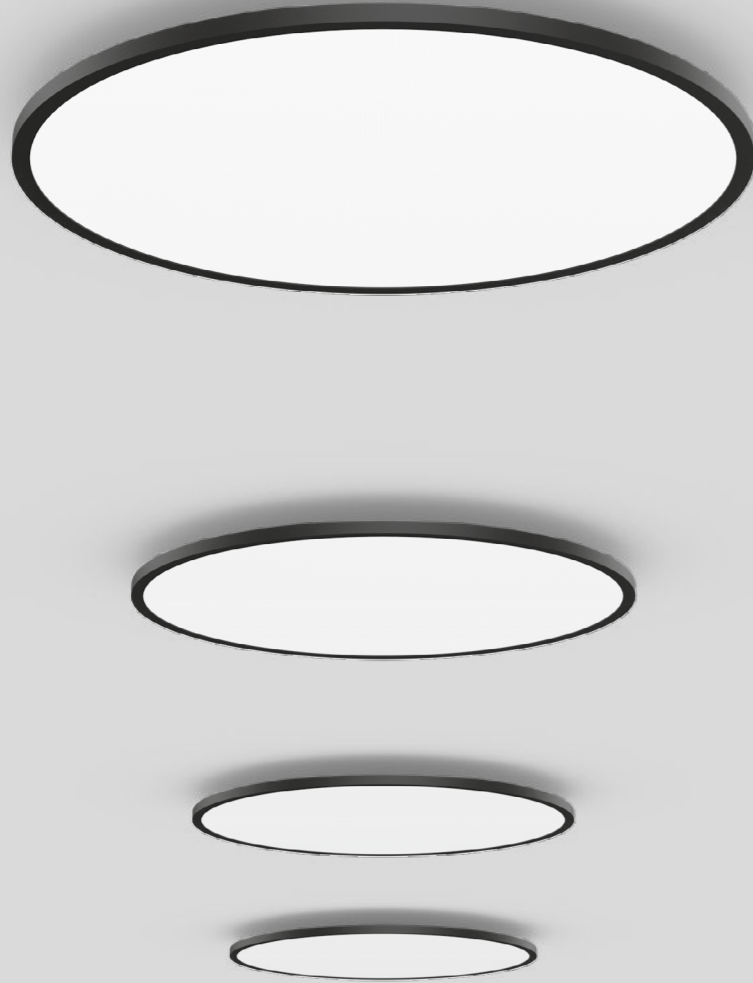
XPECTRUM LED



Commercially available LED 4000K



← back



TASK round surface

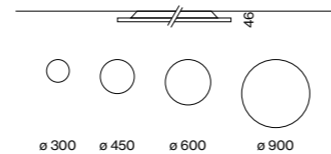
EN Round luminaire housing in aluminium; ultra low-profile design (only 15 mm); surface powder coated; convenient quick mounting system without tools; direct light distribution by LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; light control via highly reflective reflector material; completely homogeneous illumination; energy-efficient LEDs with very good colour rendering; luminaire with 2 cable openings and plug-in terminals for through wiring; sound absorbing accessories available

ES Luminaria redonda de aluminio; perfil extra plano (sólo 15 mm); superficie con recubrimiento de pintura en polvo; sistema de montaje rápido sin herramientas; distribución de luz directa a través de cuerpo LGP (Light Guiding Prism); la luz acoplada lateralmente se orienta hacia abajo por medio de un grabado por láser; orientación luz por medio de un elemento altamente reflectante; iluminación homogénea; LEDs de alta eficiencia que proporcionan una alta reproducción cromática; luminaria con abertura de 2 orificios para integrar cableado y sencilla conexión; disponible accesorio para la absorción del ruido

Quickinfo

3000K, 4000K
 CRI ≥ 90, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 136 lm/W
 L90 @ 50 000 h
 DALI-2
 microprismatic (UGR ≤ 19)
 IP 40

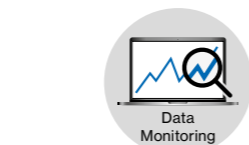
Types



Colours



Light distribution



DiiA® standards
 251, 252, 253



DIN EN 12464-1 UGR ≤ 19 easy mounting by click-mechanism



acoustic elements (p. 456) CRI ≥ 98 XPECTRUM

Order options

COLOUR TEMPERATURE	
3000K	0
4000K	1

CONTROL	
DALI-2	

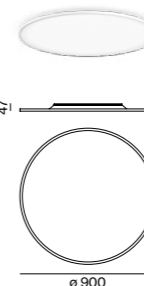
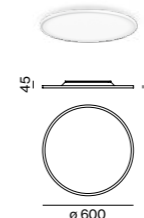
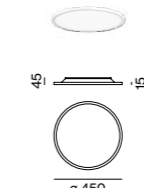
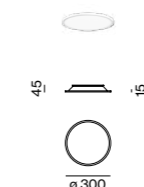
MATERIAL COLOUR	
○ pure white RAL 9010	7
● jet black RAL 9005	8
🌈 special colours p. 992	X

LIGHT OPTIC COVER	
microprismatic (UGR ≤ 19)	

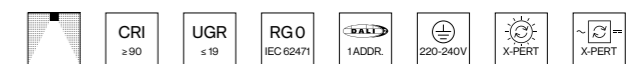
Options on request

COLOUR RENDERING INDEX	
CRI ≥ 80	
CRI ≥ 98 XPECTRUM	

CONTROL	
Casambi	

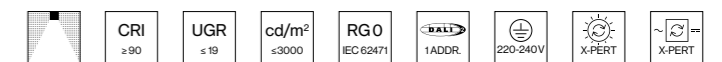


TASK 300 round surface



DIRECT	SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
	11.4 W	3000 K	1020 lm	0 5 9 - 0 1 5 0 :: 3 ▣ P
		4000 K	1080 lm	

TASK 450 round surface



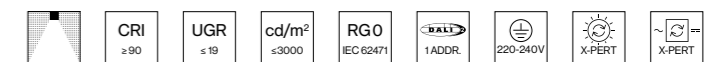
DIRECT	SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
	16 W	3000 K	1750 lm	0 5 9 - 0 1 4 1 :: 3 ▣ P
		4000 K	1860 lm	
	22.8 W	3000 K	2400 lm	0 5 9 - 0 1 5 1 :: 3 ▣ P
		4000 K	2560 lm	

TASK 600 round surface



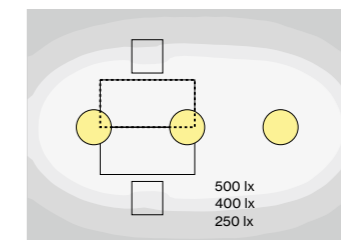
DIRECT	SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
	30 W	3000 K	3470 lm	0 5 9 - 0 1 4 2 :: 3 ▣ P
		4000 K	3690 lm	
	40 W	3000 K	4350 lm	0 5 9 - 0 1 5 2 :: 3 ▣ P
		4000 K	4630 lm	

TASK 900 round surface



DIRECT	SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
	52 W	3000 K	6630 lm	0 5 9 - 0 1 4 3 :: 3 ▣ K
		4000 K	7060 lm	

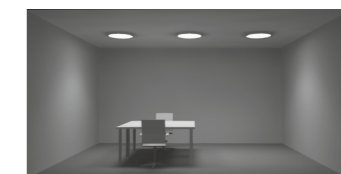
Technical data



TASK 600 round surface
 30 W, 4000 K, direct

ROOM VALUES	
Room dimensions	5.4 × 4 × 2.8 m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8

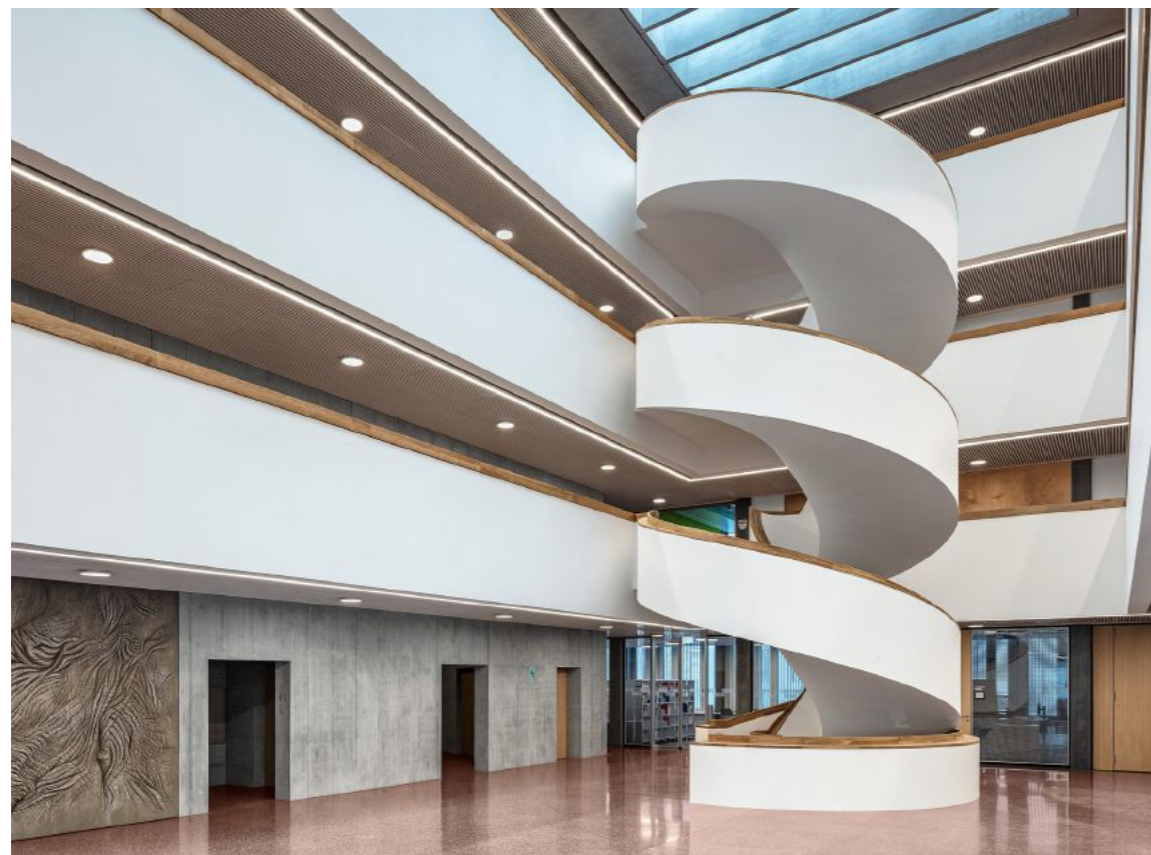
CALCULATION SURFACE	
Surface dimensions	1.6 × 0.8 m
Surface height	0.75 m
Average illuminance (E _{av})	> 500 lx
Uniformity (U ₀)	> 0.6



GLARE EVALUATION	
Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19
≥ 65° ≤ 3000 cd/m ²	

LUMINOUS FLUX value calculated for
 CRI ≥ 90, colour white, cover microprismatic

XUND Bildungszentrum Lucerne, CH –
by Metron AG with lighting design
by Bühlmann Engineering AG



**XUND
BISTRO**

Warme Getränke	Snacks
Kaffee, Espresso, Bistrotto	Gipfeli Butter-Linsen, Vollkorn
Espresso Doppio	Schnitzgipfeli
Espresso Macchiato	Brot
Cappuccino, Latte Macchiato	Kuchen
Schoggi	Birchermilch
Tea	Knuspermilch
	Hüchlebecher
	Sandwich

**Triplex Universitätsbibliothek
und Ausleihe** Heidelberg, DE –
by ap88 Architekten Partner-
schaft mbB with lighting design
by LDE BELZNER HOLMES



← back



TASK round

suspended

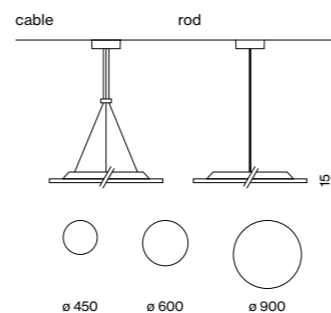
EN Round luminaire housing in aluminium; ultra low-profile design (only 15 mm); powder coated; suspended; with height adjustable rod suspension (chrome), feed in rod; direct light distribution by LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; light control via highly reflective reflector material; optional: indirect component with special PCBs for increased luminous flux and maximum ceiling illumination; completely homogeneous illumination; energy-efficient LEDs with very good colour rendering; canopy for through wiring; sound absorbing accessories available

ES Luminaria redonda de aluminio; perfil extra plano (sólo 15 mm); recubierto de polvo; suspendido; con suspensión acortable de tubo pendular (cromo), línea de alimentación en tubo pendular; distribución de luz directa a través de cuerpo LGP (Light Guiding Prism); la luz acoplada lateralmente se orienta hacia abajo por medio de un grabado por láser; orientación luz por medio de un elemento altamente reflectante; opcional: proporción indirecta con pletinas propias para un flujo luminoso aumentado y una iluminación máxima del techo; iluminación homogénea; LEDs de alta eficiencia que proporcionan una alta reproducción cromática; baldaquino para cableado pasante; disponible accesorio para la absorción del ruido

Quickinfo

3000K, 4000K
 CRI ≥90, 3 SDCM
 UGR ≤19 / 65° ≤3000 cd/m²
 up to 137 lm/W
 L90 @ 50 000 h
 DALI-2
 microprismatic (UGR ≤19)
 IP 40

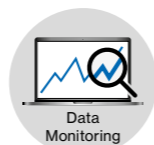
Types



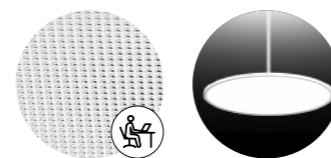
Colours



Light distributions



DiiA® standards
 251, 252, 253



DIN EN 12464-1
 UGR ≤19



acoustic elements (p.456)
 CRI ≥98 XPECTRUM

Order options

SUSPENSION
 cable 1500 mm 2
 rod 1000 mm 4

COLOUR TEMPERATURE
 3000K 0
 4000K 1

CONTROL

DALI-2

MATERIAL COLOUR

pure white RAL 9010 7
 jet black RAL 9005 8
 special colours* p.992 X
 *canopy always in white

LIGHT OPTIC COVER

microprismatic (UGR ≤19)

Options on request

COLOUR RENDERING INDEX

CRI ≥80
 CRI ≥98 XPECTRUM

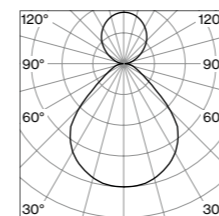
SUSPENSION

rod 2000 mm

CONTROL

Casambi

Light distribution

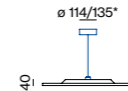


microprismatic
 direct/indirect power

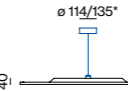
LUMINOUS FLUX value calculated for
 CRI ≥90, colour white, cover microprismatic



*cable option



*cable option



*cable option

TASK 450 round suspended



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
16W	3000K	1750lm	0 59-0 4 1 :: 3 P
	4000K	1860lm	



DIRECT/INDIRECT POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
38W	3000K	↓ 2710 / ↑ 1460lm	0 59-0 5 6 1 :: 3 P
	4000K	↓ 2880 / ↑ 1550lm	

TASK 600 round suspended



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
30W	3000K	3470lm	0 59-0 3 4 2 :: 3 P
	4000K	3690lm	



DIRECT/INDIRECT POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
45W	3000K	↓ 3470 / ↑ 1770lm	0 59-0 3 6 2 :: 3 P
	4000K	↓ 3690 / ↑ 1880lm	

TASK 900 round suspended



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
52W	3000K	6630lm	0 59-0 3 4 3 :: 3 K
	4000K	7060lm	



DIRECT/INDIRECT POWER

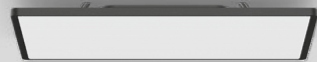
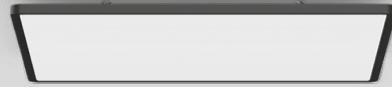
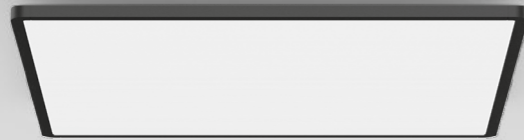
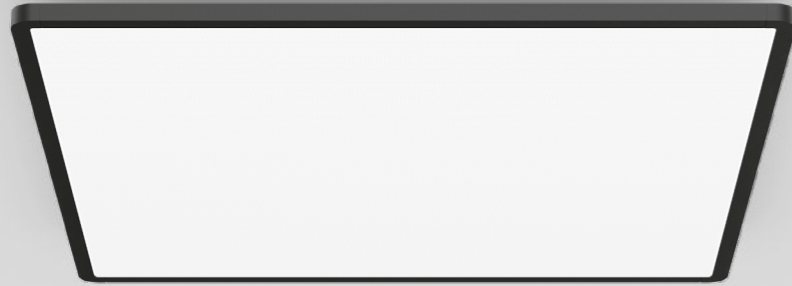
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
100W	3000K	↓ 8800 / ↑ 4110lm	0 59-0 3 6 3 :: 3 K
	4000K	↓ 9370 / ↑ 4370lm	



Microsoft Office
Brussels, BE –
by PROCOS Group



← back



TASK square surface

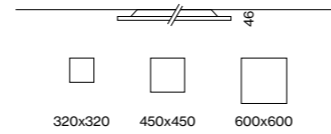
EN Square housing made of aluminium with rounded edges; ultra low-profile design (only 15 mm); surface powder coated; convenient quick mounting system without tools; direct light distribution by LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; light control via highly reflective reflector material; completely homogeneous illumination; energy-efficient LEDs with very good colour rendering; luminaire with 2 cable openings and plug-in terminals for through wiring; sound absorbing accessories available

ES Cuerpo de luminaria cuadrado de aluminio con cantos redondeados; perfil extra plano (sólo 15 mm); superficie con recubrimiento de pintura en polvo; sistema de montaje rápido sin herramientas; distribución de luz directa a través de cuerpo LGP (Light Guiding Prism); la luz acoplada lateralmente se orienta hacia abajo por medio de un grabado por láser; orientación luz por medio de un elemento altamente reflectante; iluminación homogénea; LEDs de alta eficiencia que proporcionan una alta reproducción cromática; luminaria con abertura de 2 orificios para integrar cableado y sencilla conexión; disponible accesorio para la absorción del ruido

Quickinfo

3000K, 4000K
 CRI ≥ 90, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 137 lm/W
 L90 @ 50 000h
 DALI-2
 microprismatic (UGR ≤ 19)

Types



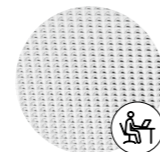
Colours



Light distribution



DiiA® standards
 251, 252, 253



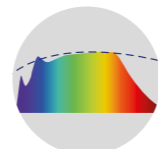
DIN EN 12464-1
 UGR ≤ 19



easy
 mouting



acoustic
 elements (p.456)



CRI ≥ 98
 XPECTRUM

Order options

COLOUR TEMPERATURE	
3000K	0
4000K	1

CONTROL

DALI-2

MATERIAL COLOUR

<input type="radio"/> pure white RAL 9010	7
<input checked="" type="radio"/> jet black RAL 9005	8
<input checked="" type="radio"/> special colours p.992	X

LIGHT OPTIC COVER

microprismatic (UGR ≤ 19)

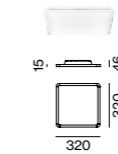
Options on request

COLOUR RENDERING INDEX

CRI ≥ 80
 CRI ≥ 98 XPECTRUM

CONTROL

Casambi



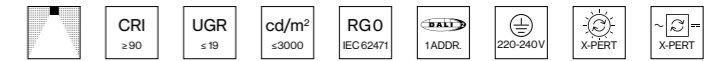
TASK 320 square surface



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
11.8W	3000K	1230lm	0 5 9 - 2 1 1 0 :: 3 ▣ K
	4000K	1310lm	

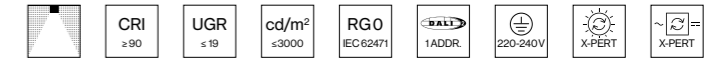
TASK 450 square surface



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
15W	3000K	1880lm	0 5 9 - 2 1 4 1 :: 3 ▣ K
	4000K	2000lm	

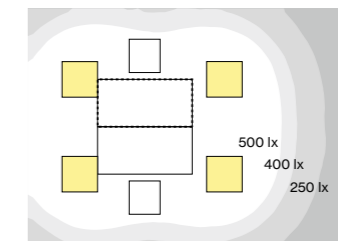
TASK 600 square surface



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
27.3W	3000K	3510lm	0 5 9 - 2 1 4 2 :: 3 ▣ K
	4000K	3730lm	

Technical data



TASK 600 square surface
 27.3W, 4000K, direct

ROOM VALUES

Room dimensions	5.4×4×2.8m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8

CALCULATION SURFACE

Surface dimensions	1.6×0.8m
Surface height	0.75m
Average illuminance (E _m)	> 500 lx
Uniformity (U ₀)	> 0.6



GLARE EVALUATION

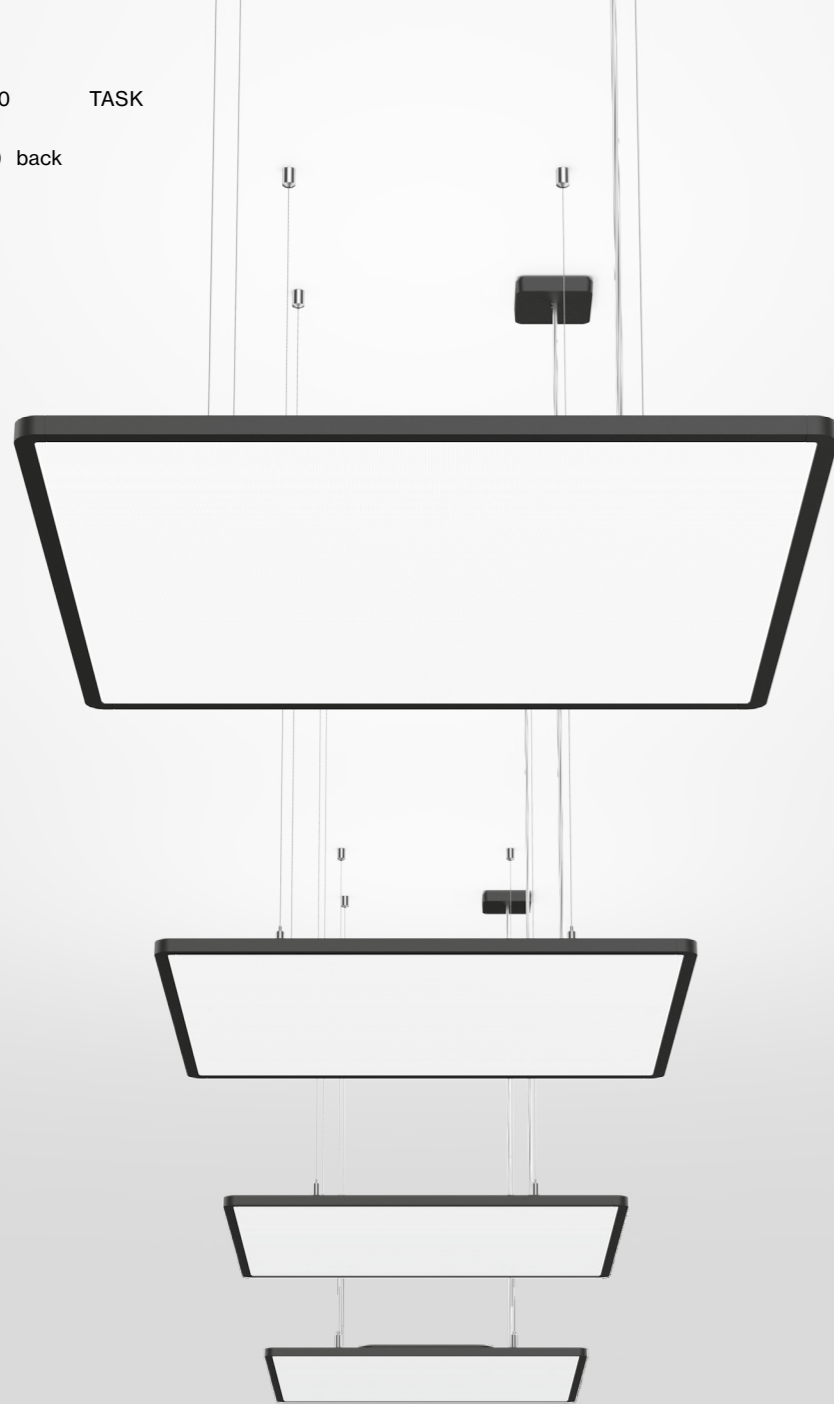
Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19
≥ 65° ≤ 3000 cd/m ²	

LUMINOUS FLUX value calculated for
 CRI ≥ 90, colour white, cover microprismatic

Art Invest headquarters Cologne, DE –
by Lepel & Lepel Architektur with
lighting design by Volker von Kardorff



← back



TASK square

suspended

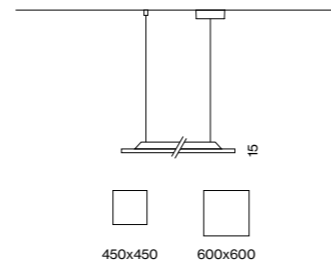
EN Square housing made of aluminium with rounded edges; ultra low-profile design (only 15 mm); powder coated; pendant fitting with cable suspension (4 cables); with integrated tool-less suspension height adjustment; incl. transparent feed; direct light distribution by LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; light control via highly reflective reflector material; optional: indirect component with special PCBs for increased luminous flux and maximum ceiling illumination; completely homogeneous illumination; energy-eff. LEDs – very good colour rendering; canopy for through wiring; sound absorbing accessories available

ES Cuerpo de luminaria cuadrado de aluminio con cantos redondeados; perfil extra plano (sólo 15 mm); recubierto de polvo; suspendido con cable (4 cables); regulación de la altura sin necesitar herramientas; incluido cable de alimentación transparente; distribución de luz directa a través de cuerpo LGP (Light Guiding Prism); la luz acoplada lateralmente se orienta hacia abajo por medio de un grabado por láser; orientación luz por medio de un elemento altamente reflectante; opcional: proporción indirecta con pletinas propias para un flujo luminoso aumentado y una iluminación máxima del techo; iluminación homogénea; LEDs de alta eficiencia que proporcionan una alta reproducción cromática; baldaquino para cableado pasante; disponible accesorio para la absorción del ruido

Quickinfo

3000K, 4000K
 CRI ≥90, 3 SDCM
 UGR ≤19 / 65° ≤3000 cd/m²
 up to 137 lm/W
 L90 @ 50 000h
 DALI-2
 microprismatic (UGR ≤19)

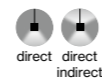
Types



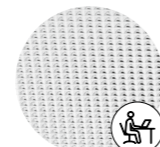
Colours



Light distributions



DiiA® standards
 251, 252, 253



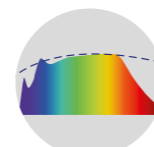
DIN EN 12464-1
 UGR ≤19



flat design
 (15 mm)



acoustic
 elements (p.456)



CRI ≥98
 XPECTRUM

Order options

SUSPENSION
 cable 1500mm

COLOUR TEMPERATURE

3000K	0
4000K	1

CONTROL
 DALI-2

MATERIAL COLOUR

○ pure white RAL 9010	7
● jet black RAL 9005	8
● special colours* p.992	X

*canopy always in white

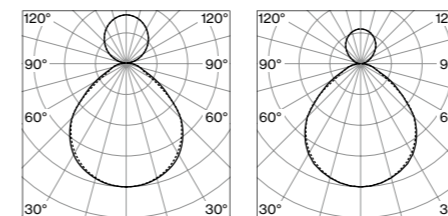
LIGHT OPTIC COVER
 microprismatic (UGR ≤19)

Options on request

COLOUR RENDERING INDEX
 CRI ≥80
 CRI ≥98 XPECTRUM

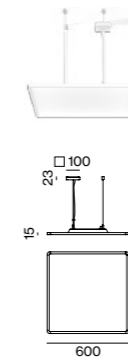
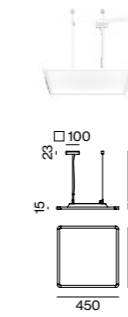
CONTROL
 Casambi

Light distributions

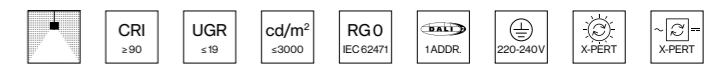


TASK 450 microprismatic direct/indirect power
 TASK 600 microprismatic direct/indirect power

LUMINOUS FLUX value calculated for
 CRI ≥90, colour white, cover microprismatic



TASK 450 square suspended



DIRECT

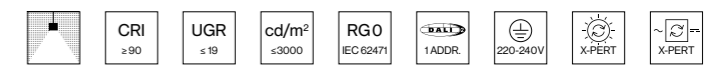
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
15W	3000K	1880lm	0 5 9 - 2 2 1 1 :: 3 ▣ K
	4000K	2000lm	



DIRECT / INDIRECT POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
35W	3000K	↓ 2910 / ↑ 1470 lm	0 5 9 - 2 2 3 1 :: 3 ▣ K
	4000K	↓ 3100 / ↑ 1570 lm	

TASK 600 square suspended



DIRECT

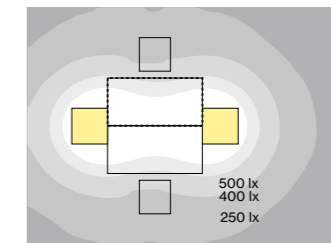
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
27.3W	3000K	3510lm	0 5 9 - 2 2 1 2 :: 3 ▣ K
	4000K	3730lm	



DIRECT / INDIRECT POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
57W	3000K	↓ 5660 / ↑ 1530 lm	0 5 9 - 2 2 3 2 :: 3 ▣ K
	4000K	↓ 6020 / ↑ 1620 lm	

Technical data



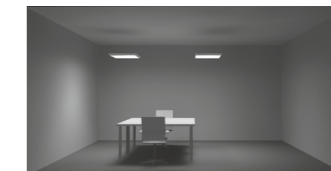
TASK 600 square suspended
 57W, 4000K, direct/indirect power

ROOM VALUES

Room dimensions	5.4 × 4 × 2.8m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8
Suspension height	2.25m

CALCULATION SURFACE

Surface dimensions	1.6 × 0.8m
Surface height	0.75m
Average illuminance (E _{av})	>500lx
Uniformity (U ₀)	>0.6



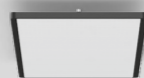
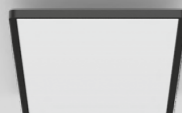
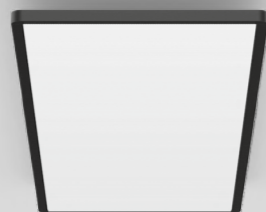
GLARE EVALUATION

Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤19
UGR axial	≤19

XAL headquarters Graz, AT –
by INNOCAD Architektur ZT



← back



TASK

ceiling

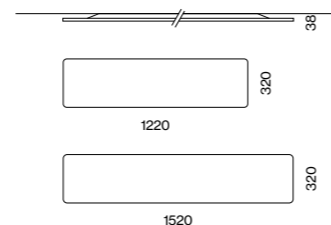
EN Rectangular housing made of aluminium with rounded edges; ultra low-profile design (only 15 mm); surface powder coated; convenient quick mounting system without tools; direct light distribution by LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; light control via highly reflective reflector material; completely homogeneous illumination; energy-efficient LEDs with very good colour rendering; luminaire with 2 cable openings and plug-in terminals for through wiring

ES Cuerpo de luminaria rectangular de aluminio con cantos redondeados; perfil extra plano (sólo 15mm); superficie con recubrimiento de pintura en polvo; sistema de montaje rápido sin herramientas; distribución de luz directa a través de cuerpo LGP (Light Guiding Prism); la luz acoplada lateralmente se orienta hacia abajo por medio de un grabado por láser; orientación luz por medio de un elemento altamente reflectante; iluminación homogénea; LEDs de alta eficiencia que proporcionan una alta reproducción cromática; luminaria con abertura de 2 orificios para integrar cableado y sencilla conexión

Quickinfo

3000K, 4000K, TW
 CRI ≥ 90, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 131lm/W
 L80 @ 50 000h
 DALI-2
 microprismatic (UGR ≤ 19)

Types



Colours



Light distribution



Order options

COLOUR TEMPERATURE
 3000K 0
 4000K 1
 tunable white 2700–6500K*
 *DALI-2 DT8; CRI ≥ 80

CONTROL

DALI-2

MATERIAL COLOUR

○ pure white RAL 9010 7
 ● jet black RAL 9005 8
 ● special colours p.992 X

LIGHT OPTIC COVER

microprismatic (UGR ≤ 19)

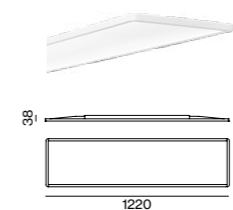
Options on request

COLOUR RENDERING INDEX

CRI ≥ 80
 CRI ≥ 98 XPECTRUM

CONTROL

ESSENTIAL sensor
 (brightness & presence)

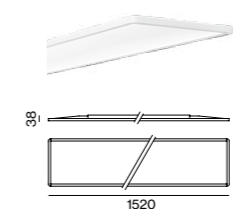


TASK 1200 ceiling



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
28.4W	3000K	3440lm	0 5 9 - 2 1 1 4 :: 3 K
29.3W	4000K	3660lm	
	2700–6500K	↑ 3220lm	0 5 9 - 2 1 1 4 D 3 K



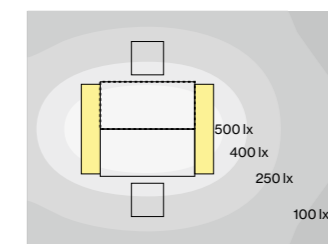
TASK 1500 ceiling



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
36W	3000K	4300lm	0 5 9 - 2 1 1 5 :: 3 K
	4000K	4570lm	
37W	2700–6500K	↑ 4020lm	0 5 9 - 2 1 1 5 D 3 K

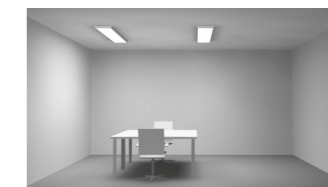
Technical data



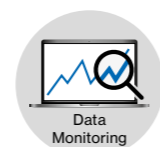
TASK 1500 ceiling
 36W, 4000K, direct

ROOM VALUES
 Room dimensions 5.4 × 4 × 2.8m
 Reflection factor 0.7 | 0.5 | 0.2
 Maintenance factor 0.8

CALCULATION SURFACE
 Surface dimensions 1.6 × 0.8m
 Surface height 0.75m
 Average illuminance (E_{av}) > 500 lx
 Uniformity (U₀) > 0.6



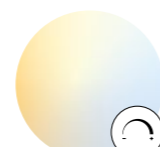
GLARE EVALUATION
 Table Classification X=4H | Y=8H | S=0.25H
 UGR transversal ≤ 19
 UGR axial ≤ 19
 ≥ 65° ≤ 3000 cd/m²



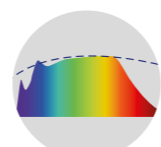
DiiA® standards
 251, 252, 253



DIN EN 12464-1
 UGR ≤ 19



tunable white
 2700–6500K



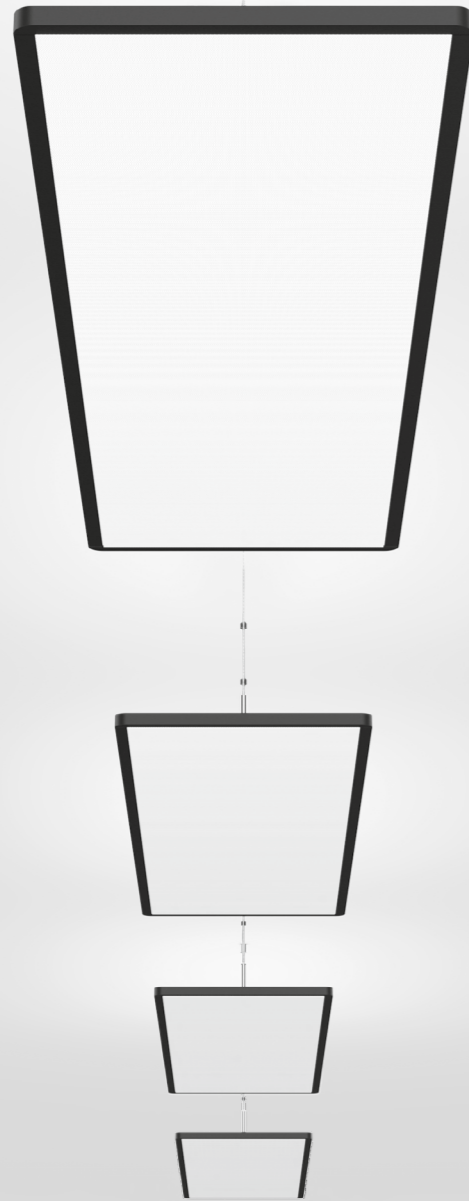
CRI ≥ 98
 XPECTRUM

LUMINOUS FLUX value calculated for
 CRI ≥ 90, colour white, cover microprismatic

Münchener Rückversicherung Munich, DE –
by Scholz - SorgerArchitekten Partnerschaft mbB
with lighting design by Lumen³ GbR



← back



 **reddot award 2015**
winner



TASK

suspended

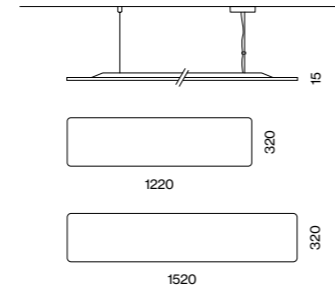
EN Rectangular housing made of aluminium with rounded edges; ultra low-profile design (only 15 mm); surface powder coated; 1500 mm cable suspension, tool-less height adjustment; incl. transparent feed; direct light distribution by LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; indirect component with special PCBs for increased luminous flux and maximum ceiling illumination; completely homogeneous illumination; energy-efficient LEDs with very good colour rendering; canopy with 2 cable openings and plug-in terminal for through wiring

ES Cuerpo de luminaria rectangular de aluminio con cantos redondeados; perfil extra plano (sólo 15 mm); superficie con recubrimiento de pintura en polvo; suspens. cable de 1500 mm con altura regul. sin herram.; incluido cable de alimentación transparente; distribución de luz directa a través de cuerpo LGP (Light Guiding Prism); la luz acoplada lateralmente se orienta hacia abajo por medio de un grabado por láser; proporción indirecta con pletinas propias para un flujo luminoso aumentado y una iluminación máxima del techo; iluminación homogénea; LEDs de alta eficiencia que proporcionan una alta reproducción cromática; baldaquino con abertura de 2 orificios para integrar el cableado y sencilla conexión

Quickinfo

3000K, 4000K, TW
CRI ≥ 90, 3 SDCM
UGR ≤ 19 / 65° ≤ 3000 cd/m²
up to 129 lm/W
L80 @ 50 000 h
DALI-2
microprismatic (UGR ≤ 19)
IP 40

Types



Colours



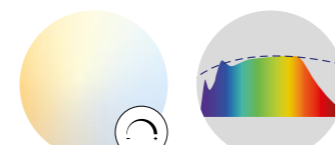
Light distribution



DiiA® standards
251, 252, 253



DIN EN 12464-1
UGR ≤ 19



tunable white
2700–6500 K

CRI ≥ 98
XPECTRUM

Order options

SUSPENSION
cable 1500 mm

COLOUR TEMPERATURE

3000K	0
4000K	1
tunable white 2700–6500K*	

*DALI-2 DT8; CRI ≥ 80

CONTROL
DALI-2

MATERIAL COLOUR

○ pure white RAL 9010	7
● jet black RAL 9005	8
● special colours* p. 992	X

*canopy always in white

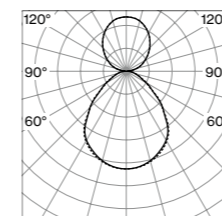
LIGHT OPTIC COVER
microprismatic (UGR ≤ 19)

Options on request

COLOUR RENDERING INDEX
CRI ≥ 80
CRI ≥ 98 XPECTRUM

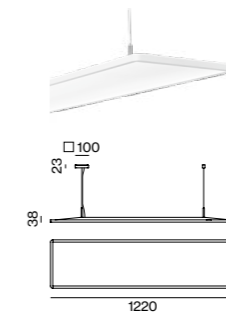
CONTROL
ESSENTIAL sensor
(brightness & presence)

Light distribution

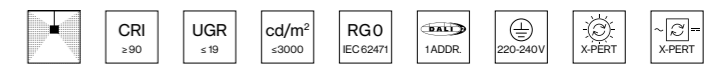


microprismatic
direct/indirect power

LUMINOUS FLUX value calculated for
CRI ≥ 90, colour white, cover microprismatic

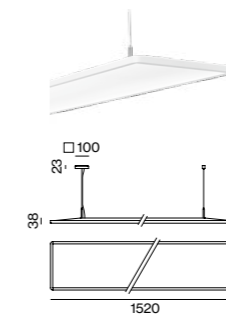


TASK 1200 suspended

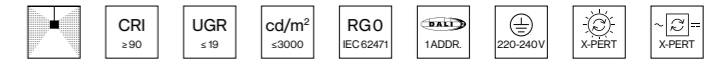


DIRECT/INDIRECT POWER

SYS. POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
50 W	3000 K	↓ 3890 / ↑ 2180 lm	0 5 9 - 2 2 2 4 :: 3 ▣ K
52 W	4000 K	↓ 4140 / ↑ 2320 lm	
	2700–6500 K	↓ 3620 / ↑ 2100 lm	0 5 9 - 2 2 2 4 D 3 ▣ K



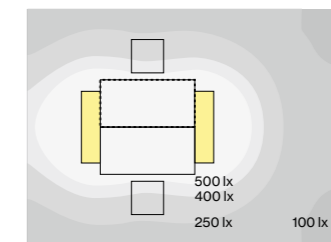
TASK 1500 suspended



DIRECT/INDIRECT POWER

SYS. POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
63 W	3000 K	↓ 4860 / ↑ 2720 lm	0 5 9 - 2 2 2 5 :: 3 ▣ K
64 W	4000 K	↓ 5170 / ↑ 2900 lm	
	2700–6500 K	↓ 4530 / ↑ 2630 lm	0 5 9 - 2 2 2 5 D 3 ▣ K

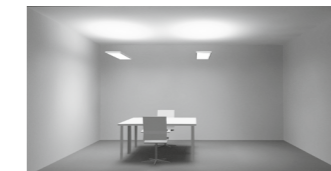
Technical data



TASK 1200 suspended
50 W, 4000 K, direct/indirect power

ROOM VALUES
Room dimensions 5.4 × 4 × 2.8 m
Reflection factor 0.7 | 0.5 | 0.2
Maintenance factor 0.8
Suspension height 2.25 m

CALCULATION SURFACE
Surface dimensions 1.6 × 0.8 m
Surface height 0.75 m
Average illuminance (E_{av}) > 500 lx
Uniformity (U₀) > 0.6



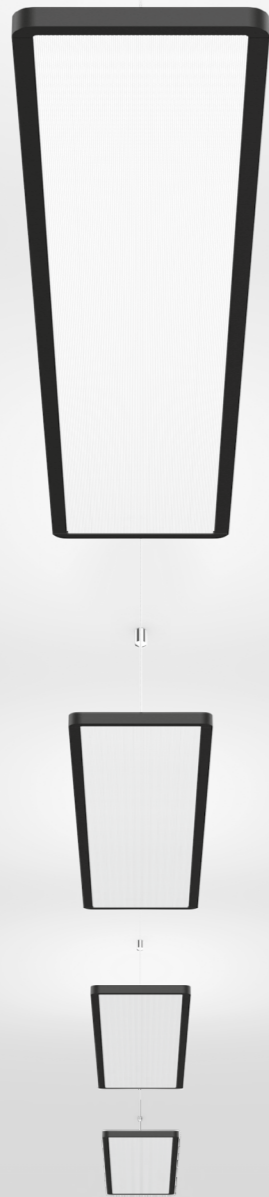
GLARE EVALUATION
Table Classification X=4H | Y=8H | S=0.25H
UGR transversal ≤ 19
UGR axial ≤ 19
≥ 65° ≤ 3000 cd/m²



Takeda Office Lodz, PL –
by The Design Group with lighting design
by Plus Lighting



← back



TASK S

suspended

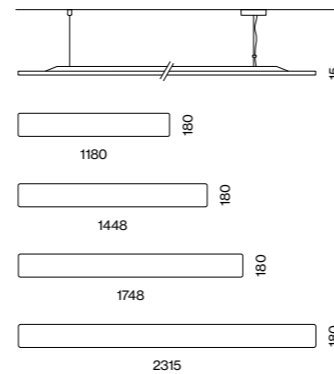
EN Rectangular housing made of aluminium with rounded edges; ultra low-profile design (only 15 mm); surface powder coated; 1500 mm cable suspension, tool-less height adjustment; incl. transparent feed; direct or direct/indirect light distribution by LGP body (Light Guiding Prism); side coupled light, directed downwards or up and down by laser engraving; light control via highly reflective reflector material; optional: indirect component with special PCBs for increased luminous flux and maximum ceiling illumination; completely homogeneous illumination; energy-efficient LEDs with very good colour rendering; canopy with 2 cable openings and plug-in terminal for through wiring

ES Cuerpo de luminaria rectangular de aluminio con cantos redondeados; perfil extra plano (sólo 15 mm); superficie con recubrimiento de pintura en polvo; suspens. cable de 1500 mm con altura regul. sin herram.; incluido cable de alimentación transparente; distribución de luz directa o directa/indirecta a través de cuerpo LGP (Light Guiding Prism); la luz acoplada lateralmente se orienta hacia abajo o hacia arriba y hacia abajo por medio de un grabado por láser; orientación luz por medio de un elemento altamente reflectante; opcional: proporción indirecta con pletinas propias para un flujo luminoso aumentado y una iluminación máxima del techo; iluminación homogénea; LEDs de alta eficiencia que proporcionan una alta reproducción cromática; baldaquino con abertura de 2 orificios para integrar el cableado y sencilla conexión

Quickinfo

3000K, 4000K, TW
 CRI ≥ 90, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 126 lm/W
 L95 @ 50 000 h
 DALI-2
 brightness & presence sensor
 microprismatic (UGR ≤ 19)

Types



Colours



Light distributions



Data Monitoring

direct/indirect illumination

system solution (p.812)

DIN EN 12464-1 UGR ≤ 19

tunable white 2700–6500 K

CRI ≥ 98 XPECTRUM

Order options

SUSPENSION
 cable 1500 mm

COLOUR TEMPERATURE

3000K	0
4000K	1
tunable white 2700–6500K*	

*DALI-2 DT8; CRI ≥ 80

3000K + TW 2700–6500K
4000K + TW 2700–6500K
DALI-2 DT8 (separately controllable)

CONTROL

DALI-2	3
ESSENTIAL sensor* (brightness & presence)	7

*version with sensor: length + 9 mm

MATERIAL COLOUR

○ pure white RAL 9010	7
● jet black RAL 9005	8
● special colours* p.992	X

*canopy always in white

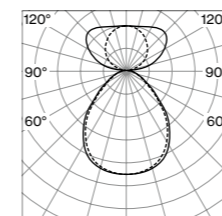
LIGHT OPTIC COVER
 microprismatic (UGR ≤ 19)

Order options

COLOUR RENDERING INDEX

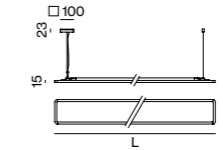
CRI ≥ 80
CRI ≥ 98 XPECTRUM

Light distribution



microprismatic
 direct/indirect power

LUMINOUS FLUX value calculated for CRI ≥ 90, colour white, cover microprismatic



TASK S suspended



DIRECT / INDIRECT SOFT

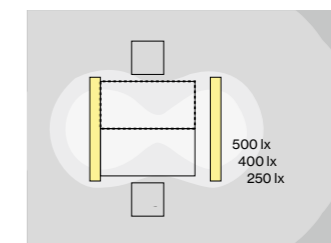
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
19.5 W	3000 K	↓ 1900 / ↑ 327 lm	1180	0 5 9 - 5 2 5 4 :: ◆ ◆ K
	4000 K	↓ 2020 / ↑ 347 lm		
24.4 W	3000 K	↓ 2380 / ↑ 408 lm	1448	0 5 9 - 5 2 5 5 :: ◆ ◆ K
	4000 K	↓ 2540 / ↑ 435 lm		
29.2 W	3000 K	↓ 2860 / ↑ 490 lm	1748	0 5 9 - 5 2 5 6 :: ◆ ◆ K
	4000 K	↓ 3040 / ↑ 521 lm		
39 W	3000 K	↓ 3810 / ↑ 653 lm	2315	0 5 9 - 5 2 5 8 :: ◆ ◆ K
	4000 K	↓ 4050 / ↑ 695 lm		



DIRECT / INDIRECT POWER

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
29.6 W	3000 K	↓ 1890 / ↑ 1540 lm	1180	0 5 9 - 5 2 6 4 :: ◆ ◆ K
	4000 K	↓ 2010 / ↑ 1640 lm		
28.6 W	3000 K	↓ 1890 lm	1180	0 5 9 - 5 2 D 4 0 3 ◆ K
(2 × DALI)	2700–6500 K	↑ 1490 lm		
28.6 W	4000 K	↓ 2010 lm	1180	0 5 9 - 5 2 D 4 1 3 ◆ K
(2 × DALI)	2700–6500 K	↑ 1490 lm		
36 W (2 ×)	2700–6500 K	↑ 4010 lm	1180	0 5 9 - 5 2 6 4 D ◆ ◆ K
37 W	3000 K	↓ 2360 / ↑ 1920 lm	1448	0 5 9 - 5 2 6 5 :: ◆ ◆ K
	4000 K	↓ 2520 / ↑ 2050 lm		
36 W	3000 K	↓ 2360 lm	1448	0 5 9 - 5 2 D 5 0 ◆ ◆ K
(2 × DALI)	2700–6500 K	↑ 1860 lm		
36 W	4000 K	↓ 2520 lm	1448	0 5 9 - 5 2 D 5 1 ◆ ◆ K
(2 × DALI)	2700–6500 K	↑ 1860 lm		
44 W (2 ×)	2700–6500 K	↑ 5010 lm	1448	0 5 9 - 5 2 6 5 D ◆ ◆ K
44 W	3000 K	↓ 2840 / ↑ 2310 lm	1748	0 5 9 - 5 2 6 6 :: ◆ ◆ K
	4000 K	↓ 3020 / ↑ 2460 lm		
43 W	3000 K	↓ 2840 lm	1748	0 5 9 - 5 2 D 6 0 ◆ ◆ K
(2 × DALI)	2700–6500 K	↑ 2230 lm		
43 W	4000 K	↓ 3020 lm	1748	0 5 9 - 5 2 D 6 1 ◆ ◆ K
(2 × DALI)	2700–6500 K	↑ 2230 lm		
53 W (2 ×)	2700–6500 K	↑ 6010 lm	1748	0 5 9 - 5 2 6 6 D ◆ ◆ K
59 W	3000 K	↓ 3780 / ↑ 3080 lm	2315	0 5 9 - 5 2 6 8 :: ◆ ◆ K
	4000 K	↓ 4030 / ↑ 3270 lm		
57 W	3000 K	↓ 3780 lm	2315	0 5 9 - 5 2 D 8 0 ◆ ◆ K
(2 × DALI)	2700–6500 K	↑ 2970 lm		
57 W	4000 K	↓ 4030 lm	2315	0 5 9 - 5 2 D 8 1 ◆ ◆ K
(2 × DALI)	2700–6500 K	↑ 2970 lm		
71 W (2 ×)	2700–6500 K	↑ 8010 lm	2315	0 5 9 - 5 2 6 8 D ◆ ◆ K

Technical data



TASK S suspended, 1748 mm
 44 W, 4000 K, direct/indirect power

ROOM VALUES

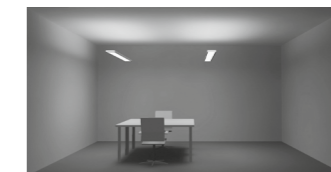
Room dimensions	5.4 × 4 × 2.8 m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8
Suspension height	2.25 m

CALCULATION SURFACE

Surface dimensions	1.6 × 0.8 m
Surface height	0.75 m
Average illuminance (E _m)	> 500 lx
Uniformity (U ₀)	> 0.6

GLARE EVALUATION

Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19



Dr. Schaer Burgstall, IT –
by monovolume architecture+
design with lighting design by
VON LUTZ - electrical and
lighting projects / Alexa von Lutz



back



TASK

wall

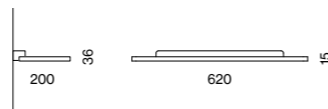
EN Rectangular housing made of aluminium with rounded edges; ultra low-profile design (only 15 mm); surface powder coated; suitable for wall mounting; direct light distribution by LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; light control via highly reflective reflector material; indirect component with special PCBs with asymmetrical light distribution; for optimum ceiling illumination; completely homogeneous illumination; energy-efficient LEDs with very good colour rendering

ES Cuerpo de luminaria rectangular de aluminio con cantos redondeados; perfil extra plano (sólo 15 mm); superficie con recubrimiento de pintura en polvo; apropiada para montaje pared; distribución de luz directa a través de cuerpo LGP (Light Guiding Prism); la luz acoplada lateralmente se orienta hacia abajo por medio de un grabado por láser; orientación luz por medio de un elemento altamente reflectante; proporción indirecta con pletinas propias con distribución de luz asimétrica; para una iluminación óptima del techo; iluminación homogénea; LEDs de alta eficiencia que proporcionan una alta reproducción cromática

Quickinfo

3000K, 4000K
 CRI ≥ 90, 3 SDCM
 up to 125 lm/W
 L90 @ 50 000h
 DALI-2
 microprismatic (UGR ≤ 16)

Type



Colours



Light distribution



Order options

COLOUR TEMPERATURE

3000K	0
4000K	1

CONTROL

DALI-2

MATERIAL COLOUR

pure white RAL 9010 7
 jet black RAL 9005 8

LIGHT OPTIC COVER

microprismatic (UGR ≤ 16)

Options on request

COLOUR RENDERING INDEX

CRI ≥ 80



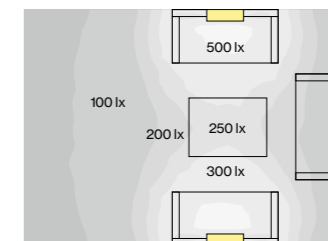
TASK wall



DIRECT / INDIRECT POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
46 W	3000 K	↓ 1850 / ↑ 3530 lm	0 5 9 - 2 0 3 2 :: 3 ▣ Z
	4000 K	↓ 1970 / ↑ 3760 lm	

Technical data



TASK wall
 46 W, 4000 K, direct/indirect power

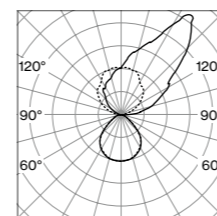
ROOM VALUES
 Room dimensions 5.4 × 4.0 × 2.8 m
 Reflection factor 0.7 | 0.5 | 0.2
 Maintenance factor 0.8
 Mounting height 2.25 m

CALCULATION SURFACE
 Surface dimensions Floor
 Surface height 0 m

GLARE EVALUATION
 Table Classification X=4H | Y=8H | S=0.25H
 UGR transversal ≤ 19
 UGR axial ≤ 19



Light distribution



microprismatic
 direct/indirect power

LUMINOUS FLUX value calculated for
 CRI ≥ 90, colour white, cover microprismatic

Lobby
Visualisation



← back



TASK

free standing

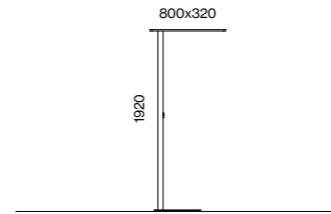
EN Free standing luminaire with rectangular luminaire head made of aluminium and rounded edges; ultra low-profile design (only 15 mm); rectangular downpipe; pedestal with recess for table base; surface powder coated; direct/indirect light distribution by LGP body (Light Guiding Prism); side coupled light, directed up and down by laser engraving; optional: indirect component with special PCBs for increased luminous flux; optional: indirect component with special, inclined PCBs for asymmetric radiation characteristic; completely homogeneous illumination; energy-efficient LEDs with very good colour rendering; switch installed in the downpipe; incl. connection cable (3 m) with safety plug

ES Luminaria de pie con cabezal de luminaria rectangular de aluminio y cantos redondeados; perfil extra plano (sólo 15 mm); tubo rectangular; pedestal para integrarse como base de mesa; superficie con recubrimiento de pintura en polvo; distribución de luz directa/indirecta que direcciona la luz en el interior de la luminaria mediante LGP (Light Guiding Prism); luz acoplada lateralmente mediante grabado láser orientada hacia arriba y hacia abajo; opcional: proporción indirecta con pletinas propias para un flujo luminoso aumentado; opcional: proporción indirecta con pletinas propias oblicuas para característica de emisión asimétrica; iluminación homogénea; LEDs de alta eficiencia que proporcionan una alta reproducción cromática; interruptor montado en el tubo; incluye 3 metros de cable de conexión

Quickinfo

3000K, 4000K
 CRI ≥ 90, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 129 lm/W
 L90 @ 50 000 h
 touch DIM on pole
 brightness & presence sensor
 microprismatic (UGR ≤ 19)

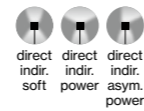
Type



Colours



Light distributions



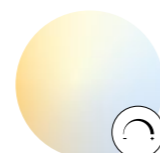
suitable for double workstation



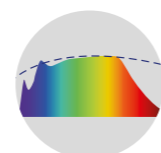
SENSE sensor on request



control by touch DIM on pole



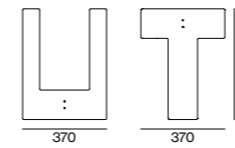
tunable white 2700–6500 K



CRI ≥ 98 XPECTRUM

Order options

BASE PLATE	
U-shape	4
T-shape	5



COLOUR TEMPERATURE	
3000K	0
4000K	1

CONTROL	
touch DIM on pole	5
ESSENTIAL sensor (brightness & presence)	7

MATERIAL COLOUR	
○ pure white RAL 9010	7
● white aluminium RAL 9006	6
● jet black RAL 9005	8
● special colours p.992	X

LIGHT OPTIC COVER	
microprismatic (UGR ≤ 19)	

Options on request

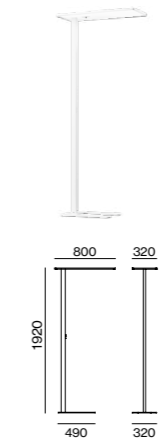
COLOUR TEMPERATURE	
tunable white 2700–6500 K indir.	

COLOUR RENDERING INDEX	
CRI ≥ 80	
CRI ≥ 98 XPECTRUM	

CONTROL	
SENSE sensor (brightness, presence, temperature, sound pressure, humidity, CO ₂)	
cluster network DIM	
dynamic daylight control (BPI)	
Zigbee 3.0	

MOUNTING	
table system	

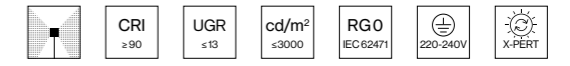
LUMINOUS FLUX value calculated for CRI ≥ 90, colour white, cover microprismatic



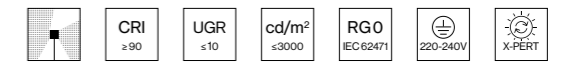
TASK free standing



DIRECT / INDIRECT SOFT				
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE	
71W	3000K	↓4100/↑3350 lm	0 5 9 - 2 9	3 :: ⇨ ⇩ Z
	4000K	↓4370/↑3560 lm		

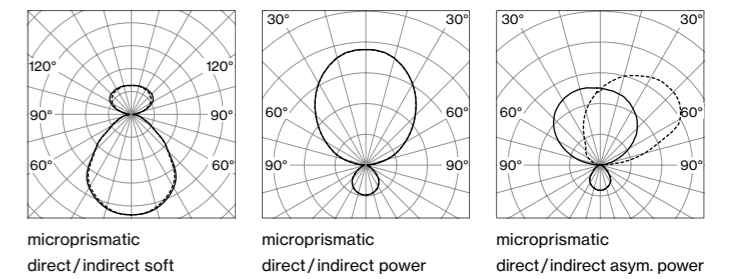


DIRECT / INDIRECT POWER				
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE	
80W	3000K	↓2400/↑7330 lm	0 5 9 - 2 9	2 :: ⇨ ⇩ Z
	4000K	↓2550/↑7800 lm		



DIRECT / INDIRECT ASYMMETRIC POWER				
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE	
97W	3000K	↓1900/↑9300 lm	0 5 9 - 2 9	1 :: ⇨ ⇩ Z
	4000K	↓2030/↑9960 lm		

Light distributions

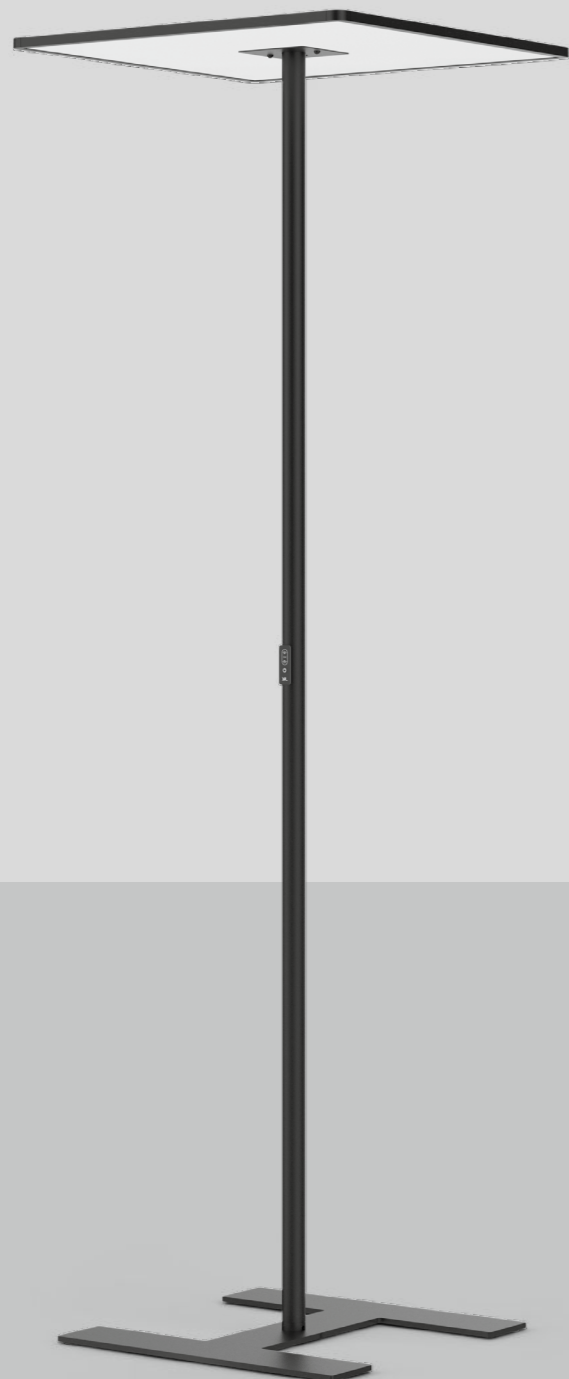


Business-Quartier Sparkasse
Salzburg, AT – by OM/ARGE
Neutor, Schabelreiter Architektur



OMV Vienna, AT



[← back](#)


TASK square

free standing

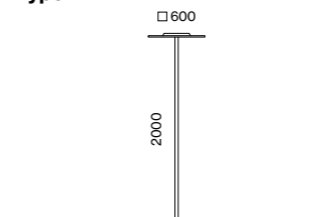
EN Free standing luminaire with square luminaire head made of aluminium and rounded edges; ultra low-profile design (only 15 mm); steel round downpipe; pedestal with recess for table base; surface powder coated; direct light distribution by LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; indirect component with special PCBs for increased luminous flux and maximum ceiling illumination; completely homogeneous illumination; energy-efficient LEDs with very good colour rendering; switch installed in the downpipe; incl. connection cable (3m) with safety plug

ES Luminaria de pie con cabezal de luminaria cuadrado de aluminio y cantos redondeados; perfil extra plano (sólo 15 mm); tubo de acero; pedestal para integrarse como base de mesa; superficie con recubrimiento de pintura en polvo; distribución de luz directa a través de cuerpo LGP (Light Guiding Prism); la luz acoplada lateralmente se orienta hacia abajo por medio de un grabado por láser; proporción indirecta con pletinas propias para un flujo luminoso aumentado y una iluminación máxima del techo; iluminación homogénea; LEDs de alta eficiencia que proporcionan una alta reproducción cromática; interruptor montado en el tubo; incluye 3 metros de cable de conexión

Quickinfo

3000K, 4000K
 CRI ≥ 90, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 143 lm/W
 L90 @ 50 000 h
 touch DIM on pole
 brightness & presence sensor
 microprismatic (UGR ≤ 19)

Type



Colours



Light distribution



Order options

COLOUR TEMPERATURE	
3000K	0
4000K	1

CONTROL	
touch DIM on pole	5
ESSENTIAL sensor (brightness & presence)	7

MATERIAL COLOUR	
pure white RAL 9010	7
white aluminium RAL 9006	6
jet black RAL 9005	8
special colours p.992	X

LIGHT OPTIC COVER	
microprismatic (UGR ≤ 19)	

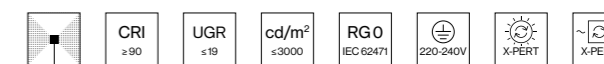
Options on request

COLOUR RENDERING INDEX	
CRI ≥ 80	
CRI ≥ 98 XPECTRUM	

CONTROL	
dynamic daylight control	



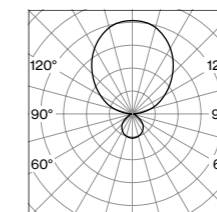
TASK square free standing



DIRECT / INDIRECT POWER

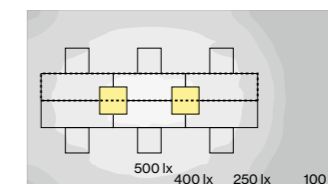
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
92W	3000K	↓ 2280 / ↑ 10000 lm	0 5 9 - 2 9 3 2 :: ▢ ▣ ▤ ▥ ▦ ▧ ▨ ▩
	4000K	↓ 2420 / ↑ 10700 lm	

Light distribution



microprismatic
 direct / indirect power

Technical data



TASK square free standing
 92 W, 4000K, direct / indirect power

ROOM VALUES	
Room dimensions	7.2 × 4 × 2.8 m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8

CALCULATION SURFACE	
Surface dimensions	4.8 × 0.6 m
Surface height	0.75 m
Average illuminance (E _m)	> 500 lx



GLARE EVALUATION	
Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19
65° ≤ 3000 cd/m ²	



control by touch
 DIM on pole

CRI ≥ 98
 XPECTRUM

LUMINOUS FLUX value calculated for
 CRI ≥ 90, colour white, cover microprismatic





Fricke Verwaltung Heeslingen, DE –
lighting design by LUV Interior Hamburg

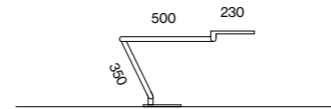


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Quickinfo

3000K, 4000K
 CRI ≥ 90, 3 SDCM
 up to 92lm/W
 L90 @ 50 000h
 DIM via optical sensor (10–100%)
 presence sensor
 opal

Type



Colours



Light distribution



direct

Order options

COLOUR TEMPERATURE	
3000K	0
4000K	1

MATERIAL COLOUR	
<input type="radio"/> pure white RAL 9010	7
<input checked="" type="radio"/> jet black RAL 9005	8

LIGHT OPTIC COVER

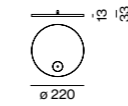
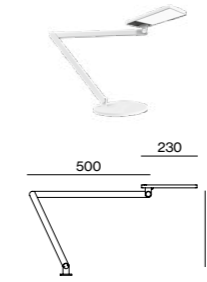
opal

Options on request

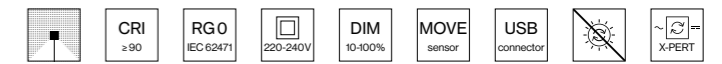
COLOUR RENDERING INDEX
 CRI ≥ 80

MOUNTING

table clamp, wall fastening



TASK table



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
11W	3000K	950lm	0 5 9 - 2 8 1 1 1 7 <input checked="" type="checkbox"/> <input type="checkbox"/>
	4000K	1010lm	

Accessories

BASE PLATE

TYPE	Ø-H (mm)	ORDER CODE
base plate	Ø220-13	0 5 9 - 2 8 9 1 1 1 <input checked="" type="checkbox"/>

TABLE CLAMP for hole ø68mm, 10–30mm range

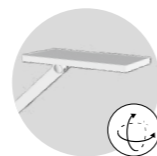
TYPE	Ø-H (mm)	ORDER CODE
table clamp	Ø75-77-88	0 5 9 - 2 8 9 2 1 1 <input checked="" type="checkbox"/>

TASK

table

^{EN} Desk lamp in puristic design with high functionality; lamp head 360° rotatable and +/- 15° tiltable; surface powder coated; direct light distribution by LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; completely homogeneous illumination; energy-efficient LEDs with very good colour rendering; continuously adjustable dimming via optical sensor (10-100% analog); integrated USB charging socket for charging of a smart device; version with presence detector

^{ES} Lámpara de escritorio de alta funcionalidad; cabezal de lámpara giratorio en 360° y abatible en +/- 15°; superficie con recubrimiento de pintura en polvo; distribución de luz directa a través de cuerpo LGP (Light Guiding Prism); la luz acoplada lateralmente se orienta hacia abajo por medio de un grabado por láser; iluminación homogénea; LEDs de alta eficiencia que proporcionan una alta reproducción cromática; atenuación continua sin etapas a través de sensor óptico (regulación analógica del 10 al 100%); toma de carga USB integrada para la carga de un dispositivo inteligente; versión con detector de presencia



360° rotatable,
±15° tiltable



presence
sensor



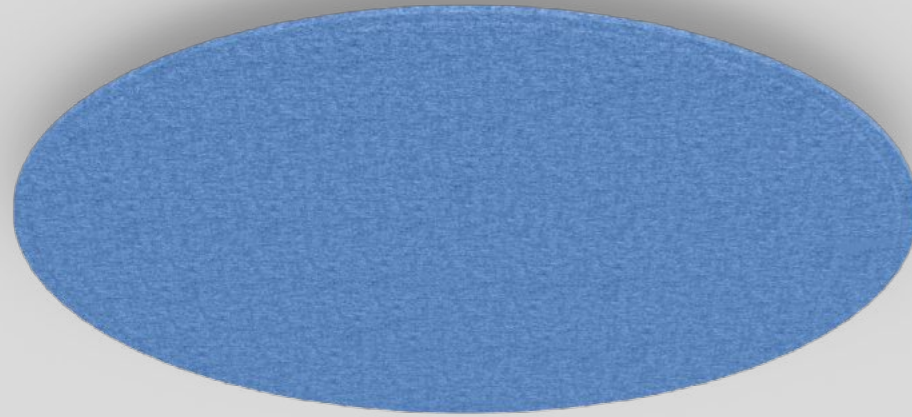
USB charging
socket

LUMINOUS FLUX value calculated for
 CRI ≥ 90, colour white, cover opal



WKO Vienna, AT –
by Architekturconsult
with lighting design by Hailight
Lichtplanung, Andreas Haidegger





TASK

acoustic elements

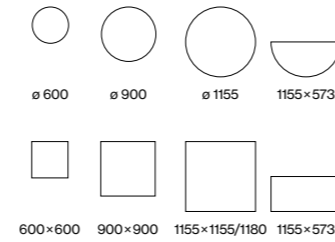
EN Acoustic element made of high-quality, self-supporting, recycled PET felt with sound absorbing properties; different versions: choice of round, square, half round or rectangular design; high-quality visual and tactile surface; direct sound is absorbed by the front-mounted fleece, sound reflected from the ceiling/wall by an additional, rear-mounted fleece; this creates high acoustic performance; choice of surface mounted and pendant versions with cable suspension; tool-less suspension height adjustment of the acoustic element

ES Elemento acústico de fieltro PET reciclado y autoportante de calidad superior con propiedades de absorción del sonido; diferentes variantes: forma opcionalmente redonda, cuadrada, semicircular o rectangular; superficie de gran calidad óptica y táctil; absorción del ruido directo por el vellón delantero, así como absorción del ruido reflejado por el techo/pared mediante un vellón adicional trasero; con ello gran rendimiento acústico; opcionalmente como variante superpuesta o colgada con cable; ajuste de altura sin herramientas en elemento acústico

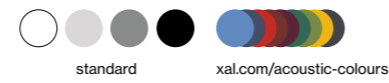
Quickinfo

PET felt
 ♻️ from recycled material up to absorption class A
 🔥 available as B-s1, d0

Types



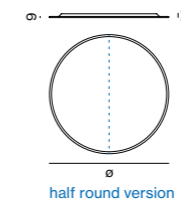
Colours



Order options

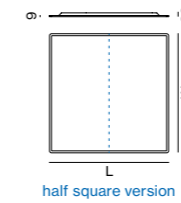
MOUNTING	
surface	1
surface	1
surface	1
cable suspension 1500 mm	2

MATERIAL COLOUR	
white	W
marble grey	D
felt grey	G
black	L
special colours p.992	X



TASK ACOUSTIC round

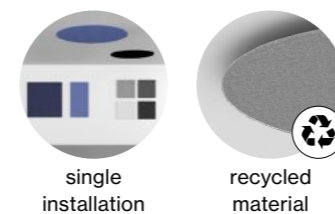
ACOUSTIC ELEMENT	Ø-H (mm)	ORDER CODE
TYPE		
600 round	600-30	059-579 34
900 round	900-30	059-579 35
1200 round	1155-30	059-579 36
1200 half round	1155-573-30	059-579 46



TASK ACOUSTIC square

ACOUSTIC ELEMENT	L-W-H (mm)	ORDER CODE
TYPE		
600 square	600-600-30	059-579 14
900 square	900-900-30	059-579 15
1200 square	1155-1155-30	059-579 16
1200 square wide*	1155-1180-30	059-579 66
1200 half square	1155-573-30	059-579 26

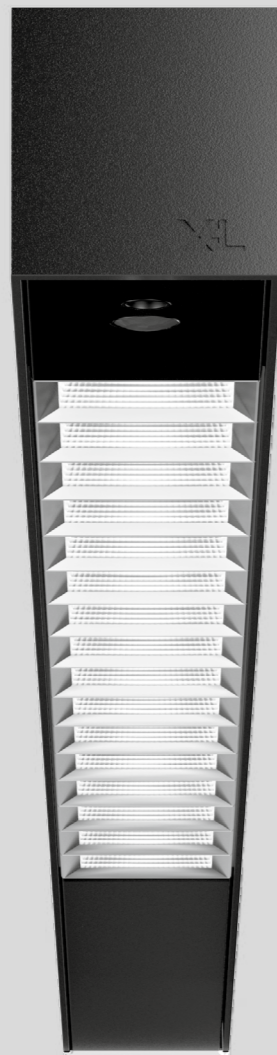
*for combination with TASK linear system & TASK S suspended





Meeting room
Visualisation

Slim and smart office light

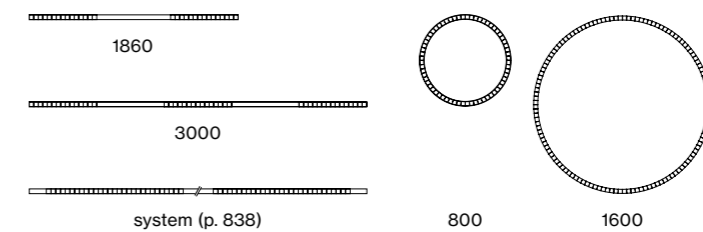


BETO

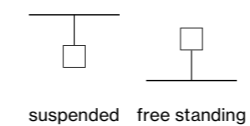
EN Extremely slim and powerful – BETO combines technical excellence with subtle, minimalist design. The BETO product family is available as free-standing luminaires, or a suspended version. All versions have custom reflectors for the best screen-appropriate working light; as a free-standing luminaire, ideally suited for single or double workstations, and in a matching suspended version for double or quadruple workstations. Circle and square luminaires complete the series. Free-standing and suspended versions have an indirect light component for ceiling illumination. The colour rendering value of up to $CRI \geq 98$ crafts a pleasant atmosphere. BETO comes in 3000 K or 4000 K light colours, or as a Tunable White option. The luminaire can be fitted with a presence and brightness sensor or a SENSE sensor which measures temperature, air quality, humidity, and noise levels. This allows the lighting to be adapted to the activities in the office while reducing energy costs.

ES Extremadamente esbelta y potente, la familia BETO combina la excelencia tecnológica con un diseño minimalista. BETO está disponible como lámpara de pie y en una variante suspendida. Todos sus modelos cuentan con unos reflectores especiales que proporcionan una luz óptima de trabajo, apta para la visualización de pantallas. Como luminaria de pie, es perfecta para puestos de trabajo individuales o dobles y, en su versión suspendida a juego con la anterior, es idónea para espacios de trabajo destinados a dos o cuatro personas. Todas las versiones ofrecen una proporción de luz indirecta para la iluminación del techo. El índice de reproducción cromática de hasta $CRI \geq 98$ crea además una atmósfera ambiental agradable. BETO está disponible en temperaturas de color de 3000 K o 4000 K y con la opción Tunable White. Además, la luminaria puede equiparse con un sensor de presencia y luminosidad o con un sensor SENSE que también mide la temperatura, la calidad y humedad del aire y el nivel de ruido. Esto permite adaptar la iluminación a la actividad desarrollada en la oficina, reduciendo a la vez el coste energético.

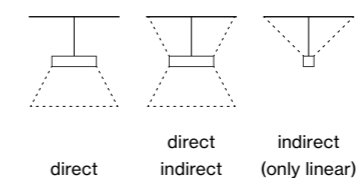
Types



Mountings



Light distributions



Variety

EN The BETO office luminaire series' elegant appearance combines successful room design with the best workplace lighting. As a free-standing luminaire, as a suspended luminaire, or as a system version – BETO offers a multifunctional lighting solution for a homogeneous appearance.

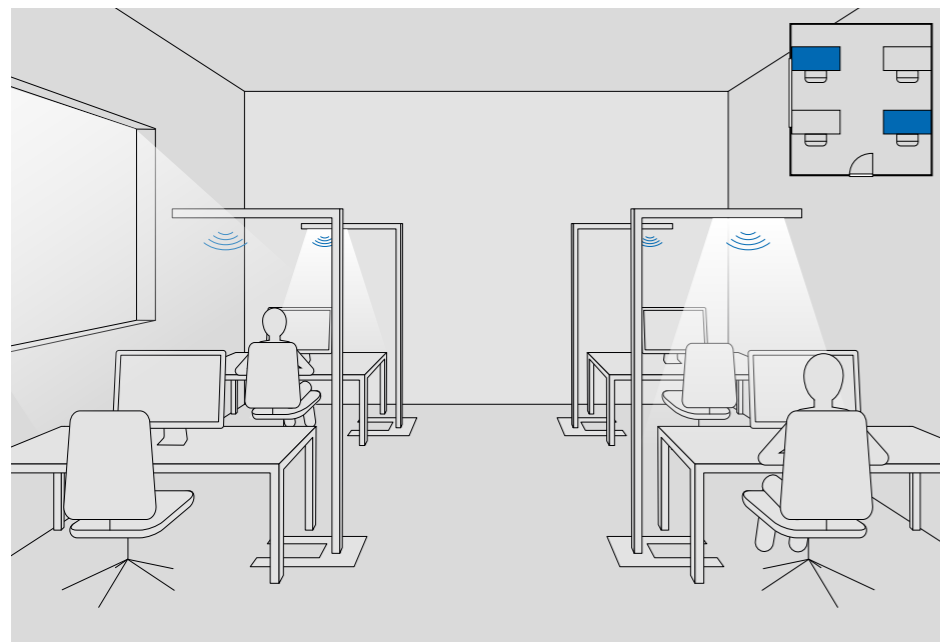
ES El look elegante de la serie de luminarias para oficina BETO combina un eficaz diseño de interiores con la mejor luz para puestos de trabajo. Ya sea como luminaria de pie o suspendida o como variante modular, BETO es una solución de iluminación polivalente que facilita un aspecto homogéneo.



Work-friendly light

EN As an office luminaire, BETO guarantees illumination that is compliant with workplace standards (up to $UGR \leq 13$). Custom glare-free reflectors and the selected use of blind covers direct the light precisely to the work surface and reduce reflections. The direct/indirect version comes with special lens technology that distributes the indirect light component homogeneously and broadly into the room.

ES Como luminaria de oficina, BETO ofrece una iluminación de puestos de trabajo adaptada a la normativa (hasta $UGR \leq 13$). Unos reflectores especiales exentos de deslumbramiento y el empleo selectivo de cubiertas opacas dirigen la luz con precisión a la superficie de trabajo y reducen los reflejos. En la variante directa/indirecta, una tecnología de lentes especial distribuye una proporción de luz indirecta con un patrón de irradiación muy amplio de manera homogénea en la sala.



Advanced sensor technology

EN A presence sensor controls the light at the workplace depending on the presence of an individual. In addition, a brightness sensor adjusts the light intensity to the ambient brightness. The SENSE version also measures values such as temperature, air quality, humidity, and noise level. These data provide important insights into the conditions and use of rooms and support energy savings in the long term. The sensor data is transmitted via DALI. The SENSE sensor is IoT ready and enables data transmission via WLAN.

ES Un sensor de presencia regula la iluminación del puesto de trabajo en función de la presencia de una persona, mientras que un sensor de luminosidad adapta la intensidad de la luz a la luminosidad del entorno. La variante SENSE también mide valores como la temperatura, la calidad y humedad del aire y el nivel de ruido. Estos datos no solo ofrecen información importante sobre las condiciones y el uso de las salas, sino también fomentan el ahorro energético de un modo duradero. Los datos de los sensores se transmiten a través de DALI. El sensor SENSE está preparado para IoT y permite la transmisión de datos a través de WLAN.



ESSENTIAL sensor

- brightness
- presence

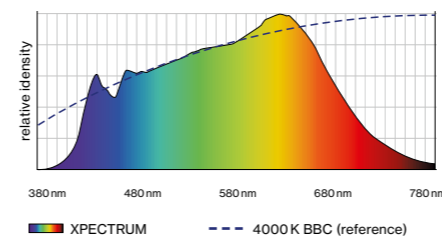


IoT ready

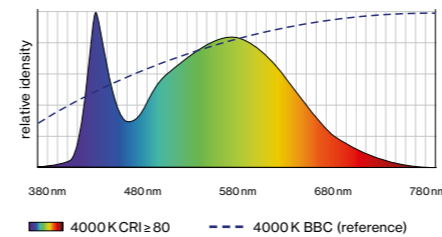
SENSE sensor

- brightness
- presence
- temperature
- humidity
- sound pressure
- CO₂

XPECTRUM LED



Commercially available LED 4000K

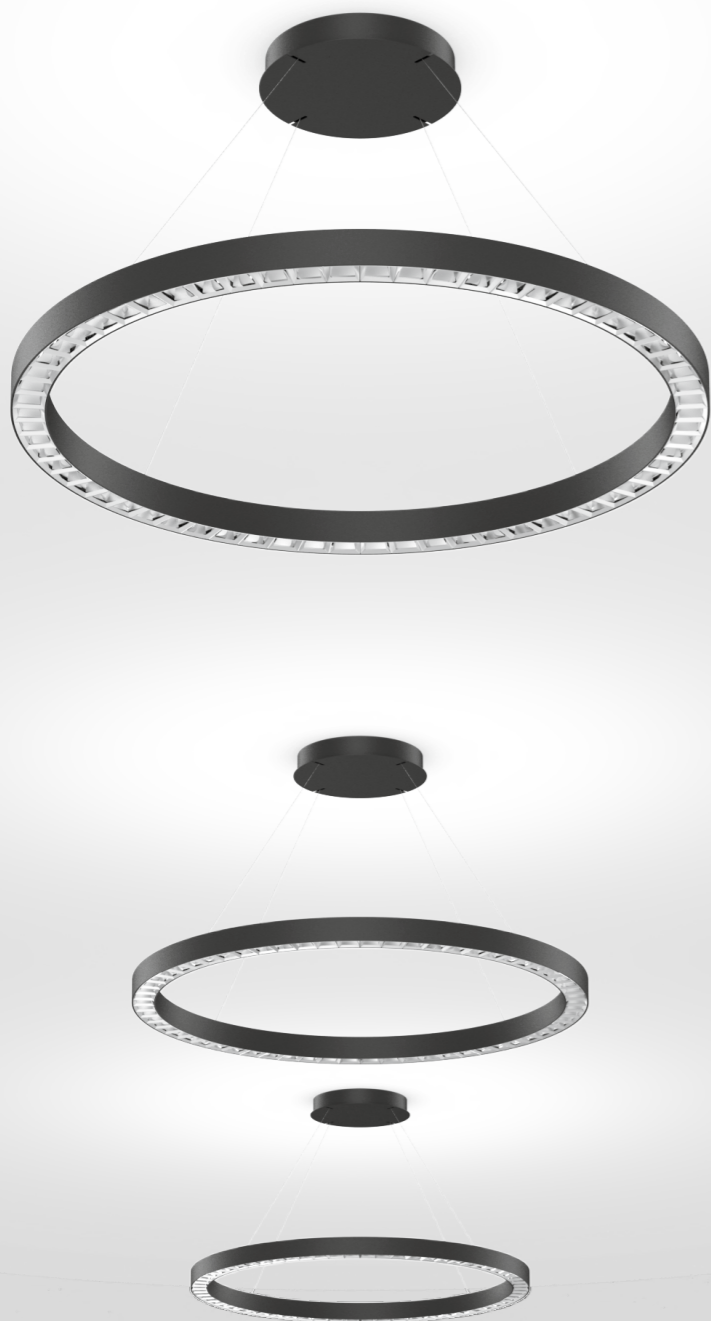


Full-spectrum LED

EN XAL's new XPECTRUM LEDs deliver healthy, biologically effective light. The reduced blue light and increased cyan values reduce the blue light hazard for the eye to daylight-equivalent levels. The resulting non-visual, so-called melanopic light effect, improves concentration and increases sleep quality. The excellent colour rendering of IES TM 30-15 $R_t = 98$ and $R_g = 101$ further helps visual comfort.

ES El nuevo LED XPECTRUM de XAL ofrece una luz saludable con efectos biológicos. La menor proporción de luz azul y el aumento de los valores de cian minimizan el riesgo de la incidencia de luz azul en el ojo, manteniéndola a un nivel similar al presente en la luz natural. El efecto no visible resultante, denominado efecto melanópico, fomenta la concentración y mejora la calidad del sueño. Además, su excelente reproducción cromática –con índices $R_t = 98$ y $R_g = 101$ según la norma IES TM-30-15– garantiza una mayor comodidad visual.

← back



BETO circle

suspended

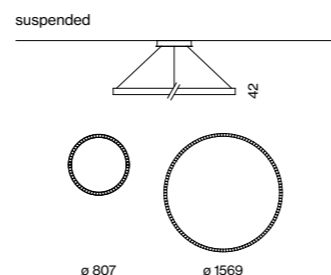
EN Ring shaped luminaire housing from rolled aluminium extruded profile, seamlessly welded; extremely slim design (only 42 x 42 mm); surface powder coated; pendant fitting with cable suspension; height adjustment without tools; with transparent feeder cable; electronic operating unit installed in the canopy; extruded profile for improved thermal management; high-gloss reflector with faceted design; direct or direct/indirect light distribution; indirect light component with integrated PC boards and high-quality lens system for maximum, homogeneous ceiling illumination; energy-efficient LEDs with very good colour rendering

ES Luminaria con forma de anillo fabricada en aluminio con soldadura de alta calidad; forma extremadamente esbelta (solo 42 x 42 mm); superficie con recubrimiento de pintura en polvo; suspendido con cable; altura regulable sin herramientas; incl. cable de alimentación transparente; driver instalado en el baldaquino; perfil extruido para una mejor gestión del calor; reflector de alto brillo con óptica facetada; característica de emisión directa o directa / indirecta; componente de luz indirecta con pletinas propias y una elegante apariencia de lente para una claridad de techo máxima y homogénea; LEDs de alta eficiencia que proporcionan una alta reproducción cromática

Quickinfo

3000K, 4000K, TW
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 1500 cd/m²
 up to 145 lm/W
 L90 @ 50 000 h
 DALI-2
 reflector (UGR ≤ 19)

Types



Colours



Light distributions



Order options

COLOUR TEMPERATURE

3000K	5
4000K	6
tunable white 2700–6500 K*	D

*DALI-2 DT8

CONTROL

DALI-2

MATERIAL COLOUR

○ pure white RAL 9010	7
● jet black RAL 9005	8

LIGHT OPTIC COVER

reflector (UGR ≤ 19)

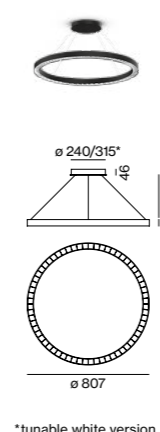
Options on request

COLOUR RENDERING INDEX

CRI ≥ 90
 CRI ≥ 98 XPECTRUM

CONTROL

Casambi



*tunable white version

BETO circle 800 suspended



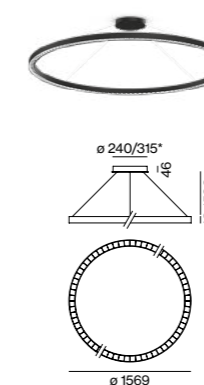
DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
52 W	3000 K	6720 lm	074-7403::3 R
	4000 K	7080 lm	



DIRECT / INDIRECT POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
97 W	3000 K	↓ 6690 / ± 6400 lm	074-7443::3 R
	4000 K	↓ 7080 / ± 6780 lm	



*tunable white and direct/indirect power version

BETO circle 1600 suspended



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
98 W	3000 K	13400 lm	074-7404::3 R
	4000 K	14200 lm	

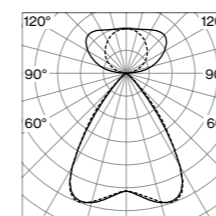


DIRECT / INDIRECT POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
190 W	3000 K	↓ 13400 / ± 12800 lm	074-7444::3 R
	4000 K	↓ 14200 / ± 13600 lm	

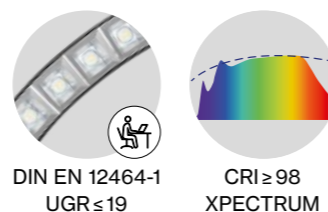
tunable white on request

Light distribution



reflector (UGR ≤ 19)
 direct/indirect power

LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, reflector chrome



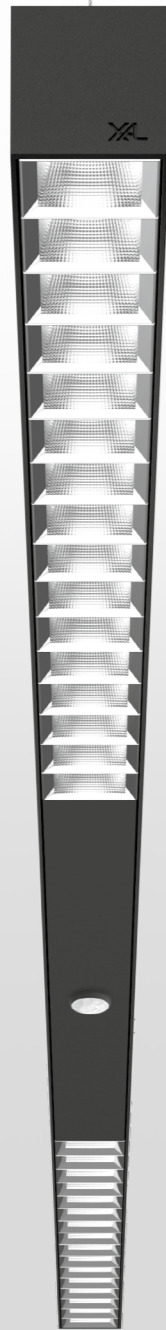
ALLPLAN Österreich GmbH
Graz, AT



Office OSTA
Harelbeke, BE



back



BETO

suspended

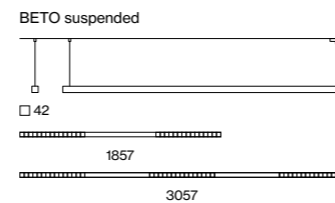
EN Luminaire housing from extruded aluminium profile, angular design; extremely slim design (only 42 x 42 mm); no visible screws; surface powder coated; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; spring clip attachment to the luminaire; freely positionable; with transparent feeder cable; extruded profile for improved thermal management; high-gloss reflector with faceted design; direct/indirect light distribution; indirect light component with integrated PC boards and high-quality lens system for maximum, homogeneous ceiling illumination, optionally separately controllable; energy-efficient LEDs with very good colour rendering

ES Cuerpo de perfil de aluminio con diseño angular; forma extremadamente esbelta (solo 42 x 42 mm); sin tornillos visibles; superficie con recubrimiento de pintura en polvo; suspendido con cable; regulación de la altura sin necesitar herramientas; fijación en las lámparas por medio de enganches elásticos; ajustable de una manera sencilla; incl. cable de alimentación transparente; perfil extruido para una mejor gestión del calor; reflector de alto brillo con óptica facetada; característica de emisión directa/indirecta; componente de luz indirecta con pletinas propias y una óptica de lente de alta calidad para una claridad de techo máxima y homogénea, opcionalmente dotada de control independiente; LEDs de alta eficiencia que proporcionan una alta reproducción cromática

Quickinfo

3000K, 4000K, TW
CRI ≥ 80, 3 SDCM
UGR ≤ 16 / 65° ≤ 1500 cd/m²
up to 142lm/W
L90 @ 50 000h
DALI-2, DALI sensor
reflector (UGR ≤ 16)

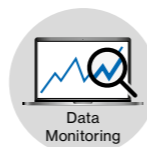
Types



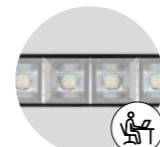
Colours



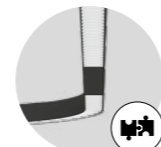
Light distributions



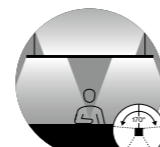
DiiA® standards
251, 252, 253



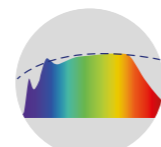
DIN EN 12464-1
UGR ≤ 19



system
solution (p.838)



glare-free direct
and 170° indirect
illumination



CRI ≥ 98
XPECTRUM

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6
tunable white 2700–6500K*	
*DALI-2 DT8	
3000K + TW 2700–6500K*	
4000K + TW 2700–6500K*	
*DALI-2 DT8 (separately controllable)	

CONTROL	
DALI-2	3
DALI-2 D/I separately control.*	4
DALI sensor	7
*not for tunable white 1857 mm; not for indirect power	

MATERIAL COLOUR	
○ pure white RAL 9010	7
● jet black RAL 9005	8

LIGHT OPTIC COVER	
reflector (UGR ≤ 16)	

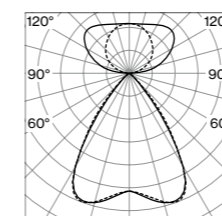
Options on request

COLOUR RENDERING INDEX	
CRI ≥ 90	
CRI ≥ 98 XPECTRUM	

CONTROL	
Casambi	

TUNABLE WHITE	
direct light static 3000K or 4000K and indirect light tunable 2700–6500K	

Light distribution



reflector (UGR ≤ 16)
direct/indirect power

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, reflector chrome

BETO suspended



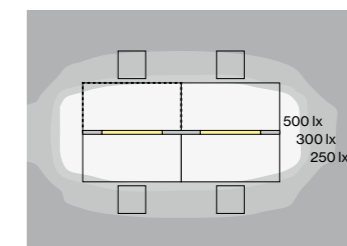
INDIRECT POWER

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
63W	3000K	± 7680lm	3457	074-62N9::R
60W	4000K	± 8120lm		
	2700–6500K	± 7020lm	3457	074-62N9D::R

DIRECT/INDIRECT POWER

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
55W	3000K	↓ 3350/± 3580lm	1857	074-6246::R
	4000K	↓ 3540/± 3790lm		
54W	3000K	↓ 3350lm	1857	074-62D654::R
(2×DALI)	2700–6500K	± 3120lm		
54W	4000K	↓ 3540lm	1857	074-62D664::R
(2×DALI)	2700–6500K	± 3120lm		
56W (2×)	2700–6500K	± 7030lm	1857	074-6246D::R
91W	3000K	↓ 5020/± 7160lm	3057	074-6249::R
	4000K	↓ 5310/± 7580lm		
90W	3000K	↓ 5020lm	3057	074-62D954::R
(2×DALI)	2700–6500K	± 6240lm		
90W	4000K	↓ 5310lm	3057	074-62D964::R
(2×DALI)	2700–6500K	± 6240lm		
93W (2×)	2700–6500K	± 12250lm	3057	074-6249D::R

Technical data



BETO suspended, 91W, 4000K
direct/indirect power

ROOM VALUES	
Room dimensions	5.4 × 4 × 2.8m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8
Mounting height	2.25m

CALCULATION SURFACE	
Surface dimensions	1.6 × 0.8
Surface height	0.75
Average illuminance (E _m)	> 500lx
Uniformity (U ₀)	> 0.6

GLARE EVALUATION	
Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19
65° < 1500 cd/m ²	



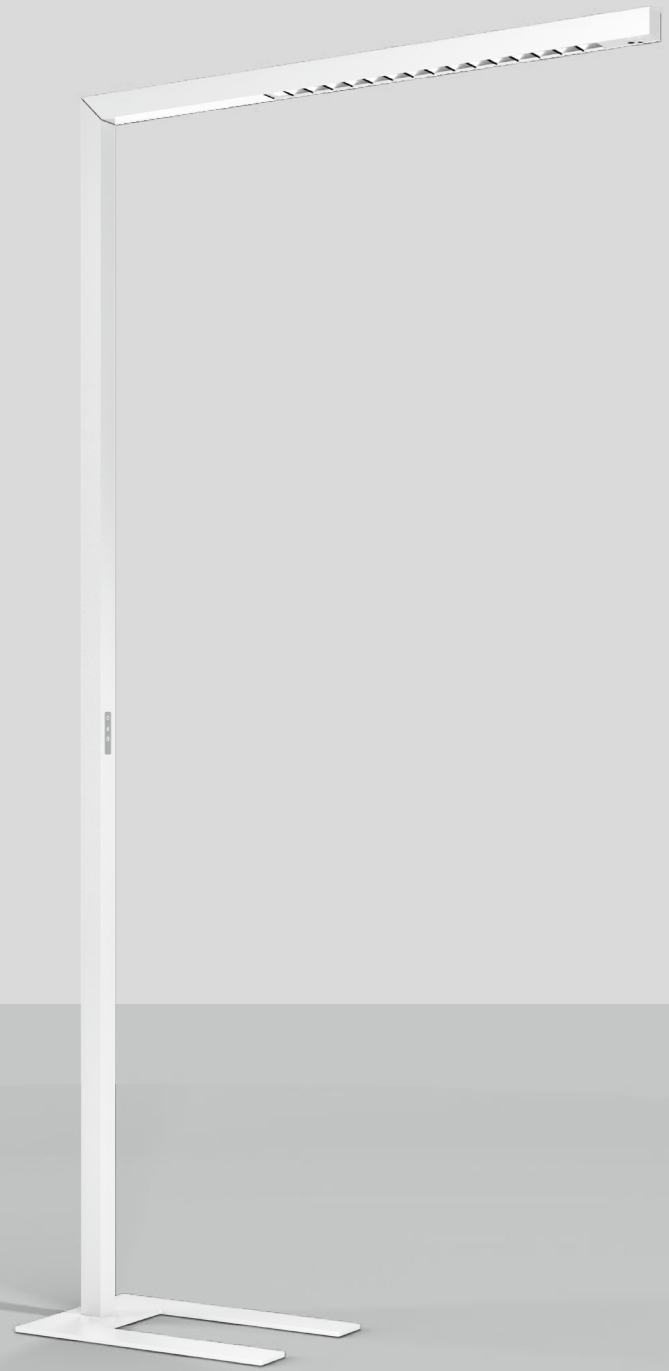
Creative Lab Barcelona, ES –
lighting design by MMAS Lighting



Granitlab Coworking St. Martin im Mühlkreis, AT –
by GHT-Plan GmbH with lighting design
by GHT-Plan GmbH, AREA C.I. Design GmbH



← back



BETO

free standing

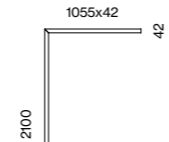
EN Free standing luminaire from extruded aluminium profile in angular design; extremely slim design (only 42 x 42 mm); rectangular downpipe; pedestal with recess for table base; surface powder coated; direct/indirect light distribution; direct light component with high-gloss reflector + faceted design and asymmetric radiation characteristic; indirect light component with integrated PC boards and high-quality lens system for maximum, homogeneous ceiling illumination; energy-efficient LEDs with very good colour rendering; switch installed in the downpipe; presence sensor detection range ø4.5 m on the floor (variant brightness & presence sensor); incl. connection cable (3 m) with safety plug

ES Lámpara de pie de perfil de aluminio extrusionado en versión angulosa; forma extremadamente esbelta (solo 42 x 42 mm); tubo cuadrado; pedestal para integrarse como base de mesa; superficie con recubrimiento de pintura en polvo; característica de emisión directa/indirecta; proporción de luz directa con reflector de alto brillo + óptica facetada y proyección asimétrica; componente de luz indirecta con pletinas propias y una elegante apariencia de lente para una claridad de techo máxima y homogénea; LEDs de alta eficiencia que proporcionan una alta reproducción cromática; interruptor montado en el tubo; zona de detección de sensor de presencia ø4,5 m en el suelo (variante brightness & presence sensor); incluye 3 metros de cable de conexión

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 up to 127lm/W
 L90 @ 50 000h
 touch DIM
 brightness & presence sensor
 reflector (UGR ≤ 13)

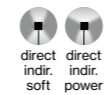
Type



Colours

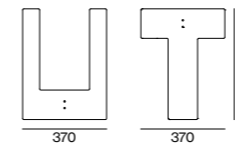


Light distributions



Order options

BASE PLATE	
U-shape	4
T-shape	5



COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
touch DIM on pole	1
ESSENTIAL sensor (brightness & presence)	7

MATERIAL COLOUR	
pure white RAL 9010	7
jet black RAL 9005	8
special colours p.992	X

LIGHT OPTIC COVER	
reflector (UGR ≤ 13)	

Options on request

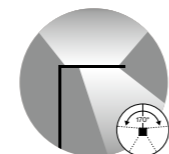
COLOUR RENDERING INDEX	
CRI ≥ 90	
CRI ≥ 98 XPECTRUM	

COLOUR TEMPERATURE	
tunable white 2700–6500 K	
DALI-2 DT8	

CONTROL	
SENSE sensor (brightness, presence, temperature, sound pressure, humidity, CO ₂)	
cluster network DIM	
dynamic daylight control (BPI)	
Zigbee 3.0	



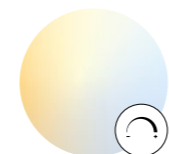
lighting control by touch DIM on pole



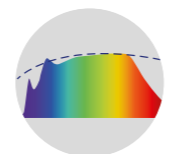
asymmetric illumination



SENSE sensor on request

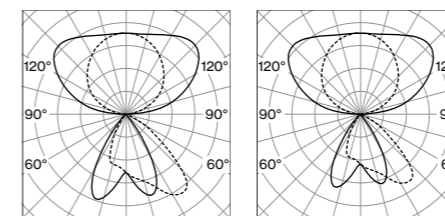


tunable white 2700–6500 K



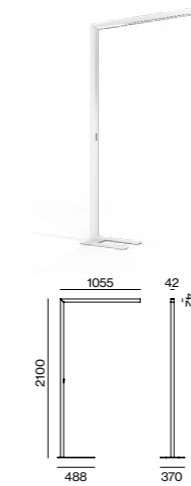
CRI ≥ 98 XPECTRUM

Light distributions



reflector (UGR ≤ 13) direct/indirect
 reflector (UGR ≤ 13) direct/indirect power

LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, reflector chrome



BETO free standing



DIRECT/INDIRECT SOFT

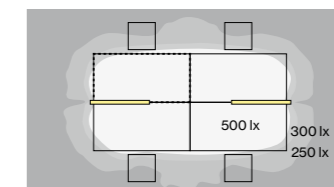
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
59 W	3000 K	↓ 1850/± 5240 lm	0 7 4 - 6 9 4 U :: ⇄ R
	4000 K	↓ 1950/± 5550 lm	



DIRECT/INDIRECT POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
76 W	3000 K	↓ 2090/± 6920 lm	0 7 4 - 6 9 5 U :: ⇄ R
	4000 K	↓ 2210/± 7330 lm	

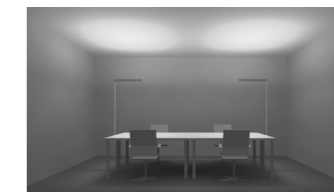
Technical data



BETO free standing, 76W, 4000K direct/indirect power

ROOM VALUES	
Room dimensions	5.4 × 4 × 2.8 m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8

CALCULATION SURFACE	
Surface dimensions	1.6 × 0.8
Surface height	0.75
Average illuminance (E _m)	> 500 lx
Uniformity (U ₀)	> 0.6



GLARE EVALUATION	
Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19



Tribünen der Trabrennbahn
Vienna, AT



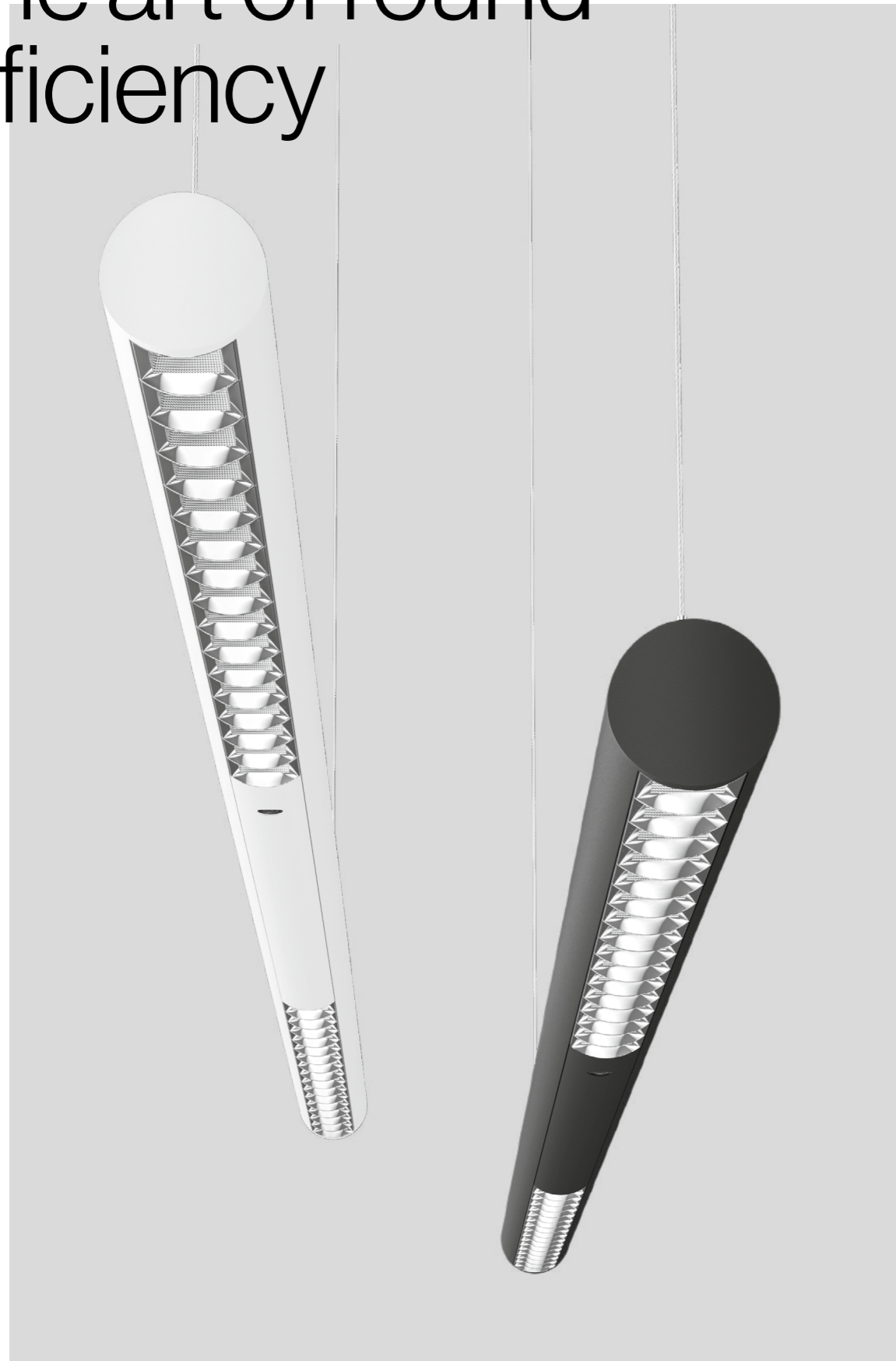


Tribünen der Trabrennbahn
Vienna, AT

ALLPAN Österreich GmbH
Graz, AT



The art of round efficiency

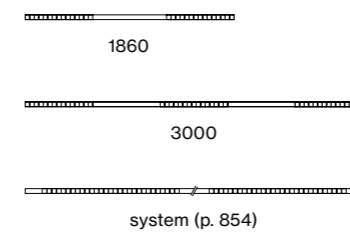


SETA

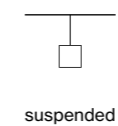
EN The SETA luminaire was developed specifically for office environments. Its sleek design and powerful illumination are impressive. Special reflectors provide the ideal screen work light. The integrated indirect light component creates homogeneous ceiling illumination; the colour rendering value of up to $\text{CRI} \geq 98$ ensures a pleasant room and work atmosphere. SETA can be used as a pendant luminaire for double and quadruple workstations, and can optionally be equipped with a presence and brightness sensor. SETA is the optimum for minimalist design, excellent technology, and low energy costs. The luminaire comes in light colours 3000K, 4000K, or Tunable White.

ES Creada especialmente para entornos de oficina, la luminaria SETA cautiva por su diseño sencillo, una gama de colores individual y una potente iluminación. Sus reflectores especiales garantizan una luz de trabajo perfecta para el uso de pantallas de visualización. La proporción de luz indirecta integrada ofrece una iluminación homogénea del techo, y el índice de reproducción cromática de hasta $\text{IRC} \geq 98$ crea una atmósfera interior y de trabajo agradable. SETA puede emplearse como luminaria suspendida en puestos de trabajo de dos o cuatro personas y equiparse opcionalmente con un sensor de presencia y luminosidad. SETA representa el máximo de diseño minimalista, una excelente tecnología y costes energéticos reducidos. La luminaria está disponible en temperaturas de color de 3000K y 4000K o como opción Tunable White.

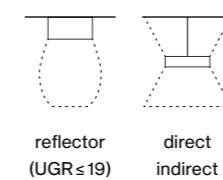
Types



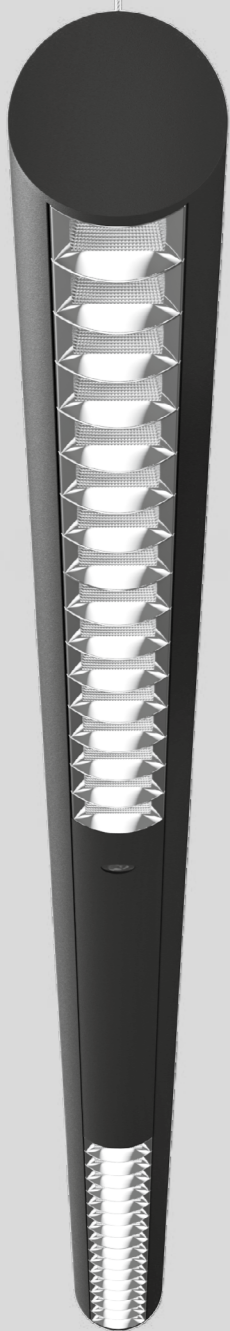
Mounting



Light distributions



← back



SETA

suspended

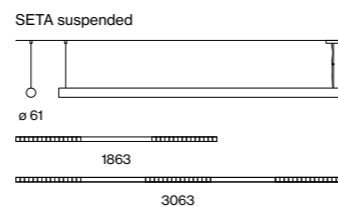
EN Luminaire housing from extruded aluminium profile, round design; extremely slim design (only $\varnothing 61$ mm); no visible screws; surface powder coated; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; spring clip attachment to the luminaire; freely positionable; with transparent feeder cable; extruded profile for improved thermal management; high-gloss reflector with faceted design; direct/indirect light distribution; indirect light component with integrated PC boards and high-quality lens system for maximum, homogeneous ceiling illumination, optionally separately controllable; energy-efficient LEDs with very good colour rendering

ES Cuerpo de perfil de aluminio con diseño redondo; forma extremadamente esbelta (solo $\varnothing 61$ mm); sin tornillos visibles; superficie con recubrimiento de pintura en polvo; suspendido con cable; regulación de la altura sin necesidad de herramientas; fijación en las lámparas por medio de enganches elásticos; ajustable de una manera sencilla; incl. cable de alimentación transparente; perfil extruido para una mejor gestión del calor; reflector de alto brillo con óptica facetada; característica de emisión directa/indirecta; componente de luz indirecta con pletinas propias y una óptica de lente de alta calidad para una claridad de techo máxima y homogénea, opcionalmente dotada de control independiente; LEDs de alta eficiencia que proporcionan una alta reproducción cromática

Quickinfo

3000K, 4000K, TW
 CRI ≥ 80 , 3 SDCM
 UGR ≤ 16 / $65^\circ \leq 1500$ cd/m²
 L 1860 up to $\downarrow 3540/\uparrow 3790$ lm
 L 3000 up to $\downarrow 5310/\uparrow 7580$ lm
 up to 142 lm/W
 L90 @ 50 000h
 DALI-2, DALI sensor
 reflector (UGR ≤ 16)

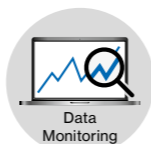
Types



Colours



Light distribution



DiiA® standards
 251, 252, 253



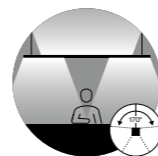
special end cap &
 reflector design



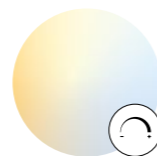
DIN EN 12464-1
 UGR ≤ 19



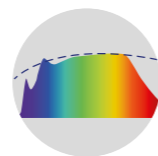
system
 solution (p.854)



glare-free direct
 and 170° indirect
 illumination



tunable white
 2700–6500 K



CRI ≥ 98
 XPECTRUM

Order options

COLOUR TEMPERATURE

3000 K	5
4000 K	6
tunable white 2700–6500 K*	

*DALI-2 DT8

3000 K + TW 2700–6500 K*	
4000 K + TW 2700–6500 K*	

*DALI-2 DT8 (separately controllable)

CONTROL

DALI-2	3
DALI-2 D/I separately control.*	4
DALI sensor	7

*not for tunable white 1857 mm

MATERIAL COLOUR

○ pure white RAL 9010	7
● jet black RAL 9005	8

LIGHT OPTIC COVER

reflector (UGR ≤ 16)

Options on request

COLOUR RENDERING INDEX

CRI ≥ 90
 CRI ≥ 98 XPECTRUM

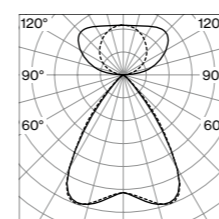
TUNABLE WHITE

direct light static 3000 K
 or 4000 K and indirect light
 tunable 2700–6500 K

MATERIAL COLOUR

grey

Light distribution



reflector (UGR ≤ 16)
 direct/indirect power

LUMINOUS FLUX value calculated for
 CRI ≥ 80 , colour white, reflector chrome

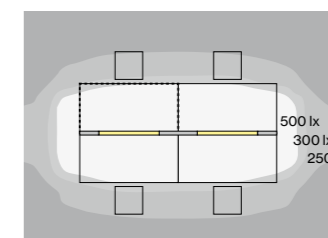
SETA suspended



DIRECT/INDIRECT POWER

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
55 W	3000 K	$\downarrow 3350/\uparrow 3580$ lm	1863	074-5246
	4000 K	$\downarrow 3540/\uparrow 3790$ lm		
54 W	3000 K	$\downarrow 3350$ lm	1863	074-52D654
(2x DALI)	2700–6500 K	$\uparrow 3120$ lm		
54 W	4000 K	$\downarrow 3540$ lm	1863	074-52D664
(2x DALI)	2700–6500 K	$\uparrow 3120$ lm		
56 W (2x)	2700–6500 K	$\uparrow 7030$ lm	1863	074-5246D
91 W	3000 K	$\downarrow 5020/\uparrow 7160$ lm	3063	074-5249
	4000 K	$\downarrow 5310/\uparrow 7580$ lm		
90 W	3000 K	$\downarrow 5020$ lm	3063	074-52D954
(2x DALI)	2700–6500 K	$\uparrow 6240$ lm		
90 W	4000 K	$\downarrow 5310$ lm	3063	074-52D964
(2x DALI)	2700–6500 K	$\uparrow 6240$ lm		
93 W (2x)	2700–6500 K	$\uparrow 12250$ lm	3063	074-5249D

Technical data



SETA suspended, 91W, 4000K
 direct/indirect power

ROOM VALUES

Room dimensions	5.4 × 4 × 2.8 m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8
Mounting height	2.25 m

CALCULATION SURFACE

Surface dimensions	1.6 × 0.8
Surface height	0.75
Average illuminance (E _m)	> 500 lx
Uniformity (U ₀)	> 0.6



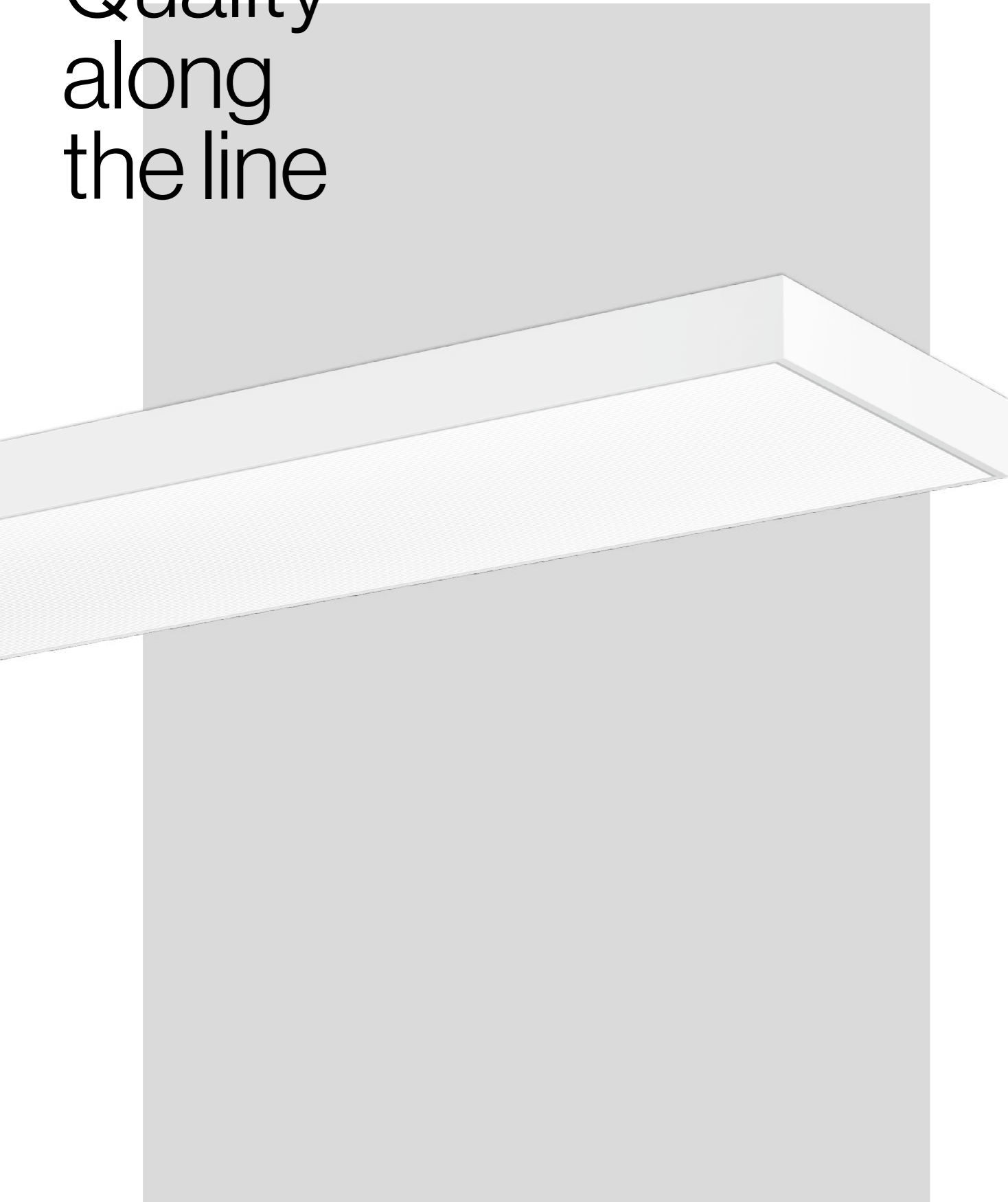
GLARE EVALUATION

Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19
65° < 1500 cd/m ²	

Office
Visualisation



Quality along the line



LENO

EN The extremely flat LENO profile luminaire is surprisingly versatile. It is available as a recessed, semi-recessed or surface-mounted version for wall or ceiling mounting, in a suspended version. LENO and its microprismatic cover create ideal work light. The version with an opal cover is best suited for homogeneous room lighting. The variant with asymmetrical beam distribution illuminates walls homogeneously. LENO Jut-Out adds further ceiling illumination by employing discreet lateral radiation. By simply fixing the insets magnetically, assembly is quick and flexible.

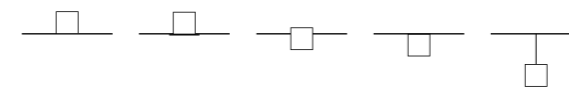
ES La luminaria de perfiles LENO ultraplana sorprende por su versatilidad. Está disponible en versiones empotradas, semiempotradas o de superficie para el montaje en pared o techo, en versión suspendida y también en una variante especial empotrable para falsos techos de Armstrong, y como luminaria individual o de conjunto. LENO ofrece la mejor luz de trabajo con su difusor microprismático, mientras que la variante con difusor opal es perfecta para una iluminación ambiental uniforme. La versión con proyección asimétrica ilumina las paredes de forma homogénea. LENO Jut-Out proporciona una iluminación adicional del techo gracias a su elegante proyección lateral. El montaje es rápido y flexible, debido a que los elementos se fijan magnéticamente con total facilidad.

Type



90

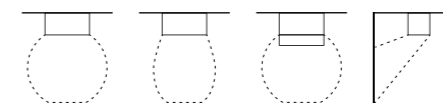
Mountings

trimless
recessedtrim
recessedsemi-
recessed

surface

suspended

Light distributions



opal

microprismatic
(UGR ≤ 19)

jut-out

wallwasher

← back



LENO

recessed with trim/trimless

EN Low profile recessed channel; suitable for trimless installation in 12.5mm plasterboard ceilings, or with trim; wall or ceiling mounting; powder coated; special edge design with grooves for better adhesion of filler (trimless); easy mounting without need to cut the substructure; fall-safe light inset made of extruded aluminium profile, can be inserted in the canal without tools by magnetic holders; side coupled light, directed downwards by LGP body (Light Guiding Prism) and highly efficient reflector; homogeneously illuminated, satinised (flush or jut-out) or microprismatic PMMA cover; optional asym. light distribution; energy-eff. LEDs – very good colour rendering; external converter for ceiling insertion

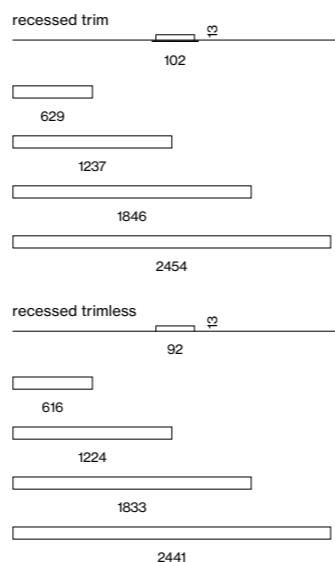
ES Canal para montaje empotrado extremadamente plano; apropiado para montaje sin borde en techos de escayola de 12,5mm, o con marco; montaje en techo y paredes; recubierto de polvo; formación de bordes especial con aletas para mejor adherencia de la masilla (trimless); montaje sencillo sin cortar la construcción inferior; elemento de luz asegurado contra caídas de perfil de aluminio extrusionado que se puede introducir en el canal sin herramientas por medio de un soporte magnético; fuente de luz insertada en un lateral que es guiada y reflectada a través de unos prismas y reflector de alta calidad; cubierta de PMMA iluminada homogéneamente, satinada (enrasada o sobresaliente) o micro-prismática; opcional distribución asimétrica; LED energét. ef. – excelente reprod. crom.; convertidor externo para inserción en el techo



Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 up to 137lm/W
 L90 @ 50 000h
 DALI-2
 opal, microprismatic (UGR ≤ 19),
 jut-out, asymmetric wallwasher

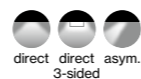
Types



Colour



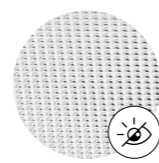
Light distributions



DiiA® standards
251, 252, 253



system
solution (p.862)



microprismatic
UGR ≤ 19



quick
installation

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL

DALI-2

MATERIAL COLOUR

○ traffic white RAL 9016

LIGHT OPTIC COVER

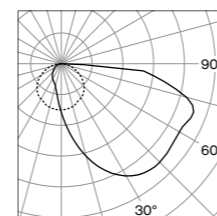
opal high performance	H
microprismatic (UGR ≤ 19)	G
jut-out	J
asymmetric	

Options on request

COLOUR RENDERING INDEX

CRI ≥ 90

Light distribution

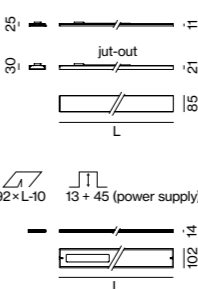


asymmetric

LUMINOUS FLUX value calculated for
 CRI ≥ 80, colour white, cover opal
 microprismatic -5%, jut-out -4%



LENO trim

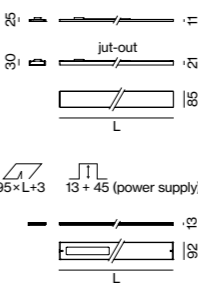


LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
10.8 W	3000K	1230lm	629	051-8412::37□
19.1W	3000K	1300lm		051-8414::37□
	4000K	2450lm	1237	051-8414::37□
28.6 W	3000K	2600lm		051-8416::37□
	4000K	3680lm	1846	051-8416::37□
	4000K	3890lm		051-8418::37□
38 W	3000K	4900lm	2454	051-8418::37□
	4000K	5190lm		
15.6 W	3000K	1570lm	616	051-8412::37A
asym.	4000K	1660lm		051-8414::37A
31W	3000K	3140lm	1237	051-8414::37A
asym.	4000K	3330lm		051-8416::37A
47 W	3000K	4710lm	1846	051-8416::37A
asym.	4000K	4990lm		051-8418::37A
62W	3000K	6280lm	2454	051-8418::37A
asym.	4000K	6650lm		



LENO trimless



LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
10.8 W	3000K	1230lm	616	051-8312::37□
19.1W	3000K	1300lm		051-8314::37□
	4000K	2450lm	1224	051-8314::37□
28.6 W	3000K	2600lm		051-8316::37□
	4000K	3680lm	1833	051-8316::37□
	4000K	3890lm		051-8318::37□
38 W	3000K	4900lm	2441	051-8318::37□
	4000K	5190lm		
15.6 W	3000K	1570lm	616	051-8312::37A
asym.	4000K	1660lm		051-8314::37A
31W	3000K	3140lm	1224	051-8314::37A
asym.	4000K	3330lm		051-8316::37A
47 W	3000K	4710lm	1833	051-8316::37A
asym.	4000K	4990lm		051-8318::37A
62W	3000K	6280lm	2441	051-8318::37A
asym.	4000K	6650lm		

Accessories

DISMOUNTING TOOL



TYPE
vacuum cup

ORDER CODE
086-30000

Technical data

see page 497

Vaucluse House Sydney, AU –
by EST Lighting



← back



LENO

semi-recessed

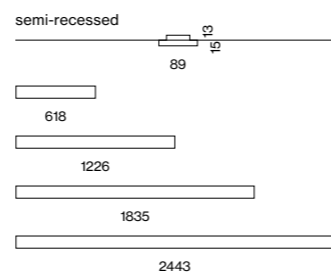
EN Low profile recessed mounted luminaire, 15 mm visible height; suitable for wall or ceiling mounting; suitable for installation in primed or exposed concrete, in plasterboard constructions and in plastered walls or ceilings; surface powder coated; fall-safe light inset made of extruded aluminium profile, can be inserted in the canal without tools by magnetic holders; side coupled light, directed downwards by LGP body (Light Guiding Prism) and highly efficient reflector; homogeneously illuminated, satinised (flush or jut-out) or microprismatic PMMA cover; energy-efficient LEDs with very good colour rendering

ES Lámpara empotrable extremadamente plana con altura visible de 15 mm; apropiado para el montaje en la pared y en el techo; apropiada para el montaje en hormigón alisado u hormigón visto, en construcciones de placas de yeso y en paredes o techos enlucidos; superficie con recubrimiento de pintura en polvo; elemento de luz asegurado contra caídas de perfil de aluminio extrusionado que se puede introducir en el canal sin herramientas por medio de un soporte magnético; fuente de luz insertada en un lateral que es guiada y reflectada a través de unos prismas y reflector de alta calidad; cubierta de PMMA iluminada homogéneamente, satinada (enrasada o sobresaliente) o micro-prismática; LEDs de alta eficiencia que proporcionan una alta reproducción cromática

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 up to 137lm/W
 L90 @ 50 000h
 DALI-2
 opal, microprismatic (UGR ≤ 19),
 jut-out

Types



Colours



Light distributions



Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

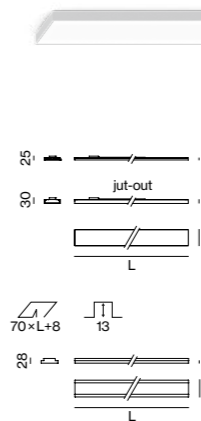
CONTROL
 DALI-2

MATERIAL COLOUR	
○ traffic white RAL 9016	7
● jet black RAL 9005	8

LIGHT OPTIC COVER	
opal high performance	H
microprismatic (UGR ≤ 19)	G
jut-out	J

Options on request

COLOUR RENDERING INDEX
 CRI ≥ 90



LENO semi-recessed



LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
10.8 W	3000K	1230 lm	618	05 1-85 12 :: 3 ▣ □
19.1 W	4000K	1300 lm	1226	05 1-85 14 :: 3 ▣ □
28.6 W	3000K	2450 lm	1835	05 1-85 16 :: 3 ▣ □
38 W	4000K	2600 lm	1835	05 1-85 17 :: 3 ▣ □
	3000K	3680 lm	2443	05 1-85 18 :: 3 ▣ □
	4000K	3890 lm	2443	05 1-85 19 :: 3 ▣ □
	3000K	4900 lm	2443	05 1-85 18 :: 3 ▣ □
	4000K	5190 lm	2443	05 1-85 18 :: 3 ▣ □

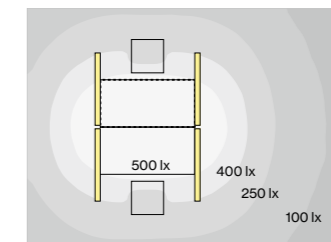
Accessories



DISMOUNTING TOOL

TYPE	ORDER CODE
vacuum cup	086-30000

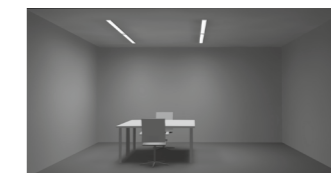
Technical data



LENO semi-recessed, 19.1W, 4000K

ROOM VALUES	
Room dimensions	5.4 × 4 × 2.8 m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8

CALCULATION SURFACE	
Surface dimensions	1.6 × 0.8
Surface height	0.75
Average illuminance (E _m)	> 500 lx
Uniformity (U ₀)	> 0.6



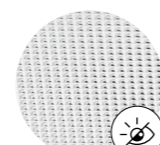
GLARE EVALUATION	
Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19



DiiA® standards
 251, 252, 253



system
 solution (p.870)



microprismatic
 UGR ≤ 19



quick
 installation

LUMINOUS FLUX value calculated for
 CRI ≥ 80, colour white, cover opal
 microprismatic -5%, jut-out -4%

Maunulan työväenopisto
Helsinki, FI –
by KS2 Architects



back



LENO

surface

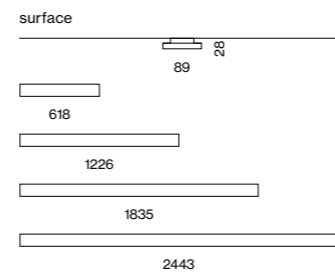
EN Low profile surface mounted luminaire, 28 mm total height; suitable for wall or ceiling mounting; surface powder coated; fall-safe light inset made of extruded aluminium profile, can be inserted in the canal without tools by magnetic holders; side coupled light, directed downwards by LGP body (Light Guiding Prism) and highly efficient reflector; homogeneously illuminated, satinised (flush or jut-out) or microprismatic PMMA cover; energy-efficient LEDs with very good colour rendering

ES Lámpara extraplana de superficie con 28 mm de altura total; para montaje en pared/techo; superficie con recubrimiento de pintura en polvo; elemento de luz anticaídas de perfil de aluminio extruido insertable en el canal sin herramienta con un soporte magnético; luz acoplada lateralmente por cuerpo LGP (Light Guiding Prism) y reflector de alta eficiencia con direcc. hacia abajo; difusor de iluminación homogénea, satinado (a ras o sobresaliente) o microprismático de metacrilato; LEDs de alta eficiencia con muy buena reproducción cromática

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 137lm/W
L90 @ 50 000h
DALI-2
opal, microprismatic (UGR ≤ 19),
jut-out

Types



Colours



Light distributions



Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL

DALI-2

MATERIAL COLOUR

<input type="radio"/> traffic white RAL 9016	7
<input checked="" type="radio"/> jet black RAL 9005	8

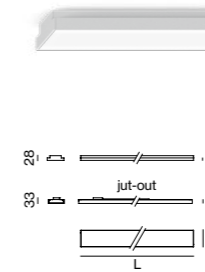
LIGHT OPTIC COVER

opal high performance	H
microprismatic (UGR ≤ 19)	G
jut-out	J

Options on request

COLOUR RENDERING INDEX

CRI ≥ 90



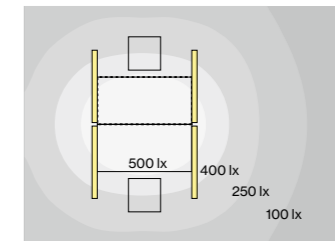
LENO surface



LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
10.8W	3000K	1230lm	618	05 1-9 1 1 2 :: 3 ▣
19.1W	4000K	1300lm		
	3000K	2450lm	1226	05 1-9 1 1 4 :: 3 ▣
	4000K	2600lm		
28.6W	3000K	3680lm	1835	05 1-9 1 1 6 :: 3 ▣
	4000K	3890lm		
38W	3000K	4900lm	2443	05 1-9 1 1 8 :: 3 ▣
	4000K	5190lm		

Technical data



LENO surface, microprismatic,
19.1W, 4000K

ROOM VALUES

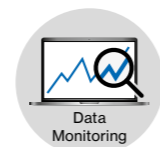
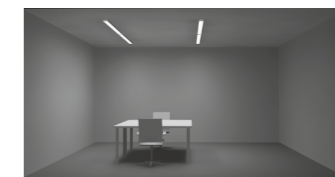
Room dimensions	5.4 × 4 × 2.8m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8

CALCULATION SURFACE

Surface dimensions	1.6 × 0.8
Surface height	0.75
Average illuminance (E _m)	> 500 lx
Uniformity (U ₀)	> 0.6

GLARE EVALUATION

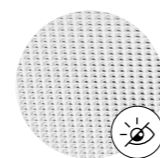
Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19



DiiA® standards
251, 252, 253



system
solution (p.874)



microprismatic
UGR ≤ 19



quick
installation

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal
microprismatic -5%, jut-out -4%

Private Residence
Hausmannstätten, AT –
by DI Thomas Schwed



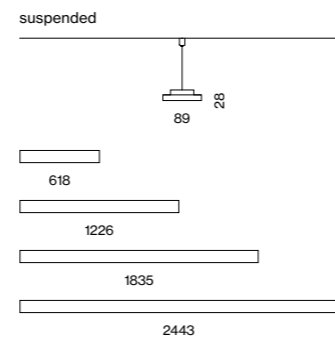
back



Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 up to 137lm/W
 L90 @ 50 000h
 DALI-2
 opal, microprismatic (UGR ≤ 19),
 jut-out

Types



Colours



Light distributions



Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL

DALI-2

MATERIAL COLOUR

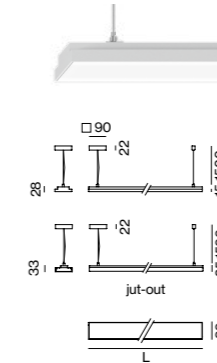
<input type="radio"/> traffic white RAL 9016	7
<input checked="" type="radio"/> jet black RAL 9005	8

LIGHT OPTIC COVER

opal high performance	H
microprismatic (UGR ≤ 19)	G
jut-out	J

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 90	



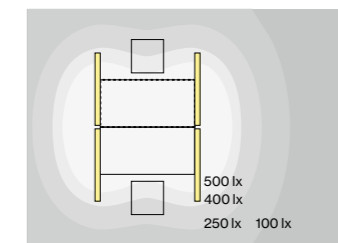
LENO suspended



LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
10.8W	3000K	1230lm	618	05 1-9 2 1 2 :: 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
	4000K	1300lm		
19.1W	3000K	2450lm	1226	05 1-9 2 1 4 :: 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
	4000K	2600lm		
28.6W	3000K	3680lm	1835	05 1-9 2 1 6 :: 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
	4000K	3890lm		
38W	3000K	4900lm	2443	05 1-9 2 1 8 :: 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
	4000K	5190lm		

Technical data



LENO suspended, microprismatic,
 19.1W, 4000K

ROOM VALUES

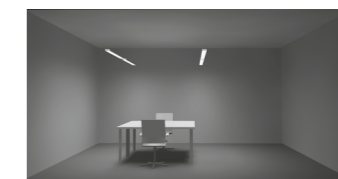
Room dimensions	5.4 × 4 × 2.8m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8
Mounting height	2.25m

CALCULATION SURFACE

Surface dimensions	1.6 × 0.8
Surface height	0.75
Average illuminance (E _m)	>500lx
Uniformity (U ₀)	>0.6

GLARE EVALUATION

Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19

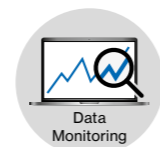


LENO

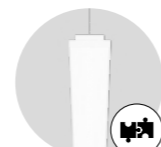
suspended

EN Low profile suspended luminaire, 28 mm total height; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; incl. transparent feed; surface powder coated; fall-safe light inset made of extruded aluminium profile, can be inserted in the canal without tools by magnetic holders; side coupled light, directed downwards by LGP body (Light Guiding Prism) and highly efficient reflector; homogeneously illuminated, satinised (flush or jut-out) or microprismatic PMMA cover; energy-efficient LEDs with very good colour rendering

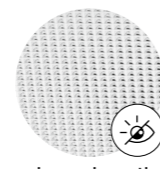
ES Lámpara suspendida extraplana con 28 mm de altura total; suspensión por cable; altura regulable sin herramienta; con cable de alimentación transparente; superficie con recubrimiento de pintura en polvo; elemento de luz anticaidas de perfil de aluminio extruido insertable en el canal sin herramienta con un soporte magnético; luz acoplada lateralmente por cuerpo LGP (Light Guiding Prism) y reflector de alta eficiencia con direcc. hacia abajo; difusor de iluminación homogénea, satinado (a ras o sobresaliente) o microprismático de metacrilato; LEDs de alta eficiencia con muy buena reproducción cromática



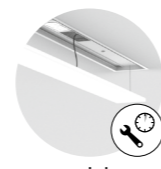
DiiA® standards
 251, 252, 253



system
 solution (p.876)



microprismatic
 UGR ≤ 19



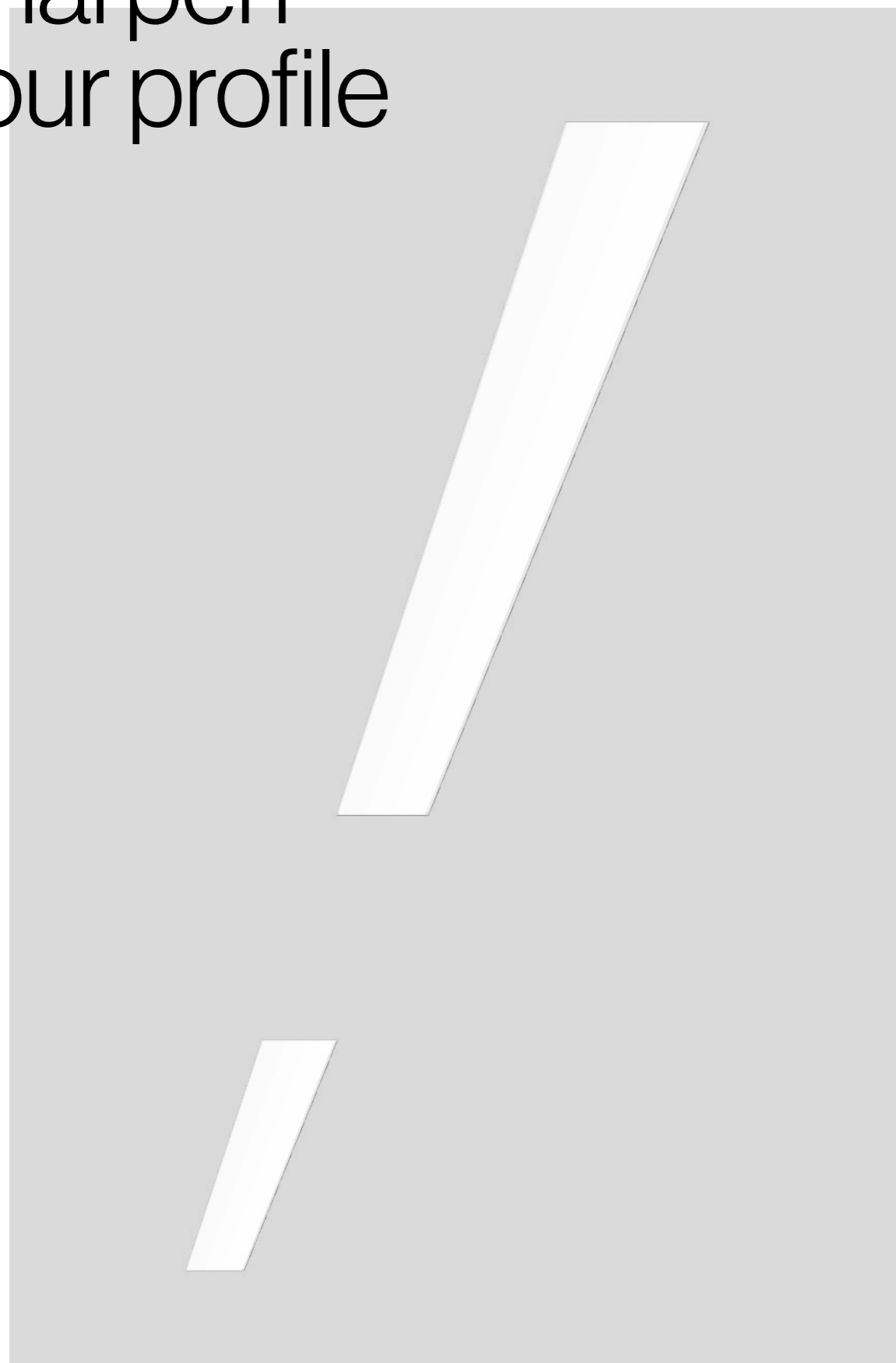
quick
 installation

LUMINOUS FLUX value calculated for
 CRI ≥ 80, colour white, cover opal
 microprismatic -5%, jut-out -4%

Amvest headquarters Amsterdam, NL –
by Firm Architects with lighting design
by Maichel Kusters



Sharpen your profile



MINIMAL

EN Minimalism par excellence: If you like straightforward design, then MINIMAL is perfect for you. Aimed at interiors, the recessed profile luminaire can be seamlessly integrated into all rooms and interiors with style. The single luminaire is trimless, available in different lengths, and varies the desired room effect with the light colours 3000K, 4000K, or Tunable White. Homogenous room illumination is achieved with the opal cover. For standard-compliant workplace lighting, the microprismatic cover version is the best choice.

ES El minimalismo en su máxima expresión: si le gustan los diseños rectilíneos, MINIMAL es perfecta para usted. Esta luminaria de perfil empotrable está concebida sobre todo para interiores y es capaz de integrarse perfectamente en cualquier estancia y en cualquier diseño interior. La luminaria individual no tiene bordes, está disponible en distintas longitudes y permite la obtención de diferentes ambientes con temperaturas de color de 3000 K, 4000 K o Tunable White. El difusor opal garantiza un alumbrado homogéneo del interior, y la variante con cubierta microprismática permite obtener una iluminación de puestos de trabajo adaptada a la normativa.

Types



60

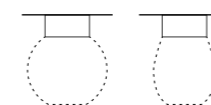
100

Mounting



trimless
recessed

Light distributions



opal

microprismatic
(UGR ≤ 19)

back



MINIMAL 60

recessed trimless

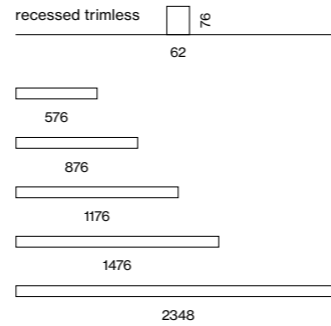
EN Luminaire housing made of extruded aluminium; for trimless installation in plasterboard ceilings; special edge design with grooves for better adhesion of filler; suitable for ceiling thickness of 8-25mm; surface powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; microprismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; energy-efficient LEDs with very good colour rendering

ES Cuerpo de lámpara de perfil extrusionado de aluminio; apropiada para montaje sin marco en techos de yeso; con diseño especial en los bordes para facilitar una mejor fijación del producto; apropiada para grosores de techo entre 8-25mm; superficie con recubrimiento de pintura en polvo; Perfil disponible para pre-montaje; resto de componentes luminosos montables sin herramienta; elemento de luz formado por perfil extruido con acabado altamente reflectante para una gestión térmica mejorada; difusor opal de alta calidad que proporciona una iluminación uniforme; cubierta microprismática de PMMA con lámina difusora para la reducción de iluminancia y un alumbrado homogéneo; LEDs de alta eficiencia que proporcionan una alta reproducción cromática

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 up to 125lm/W
 L90 @ 50 000h
 non DIM, DALI-2
 opal, microprismatic (UGR ≤ 19)

Types



Colour



Light distributions



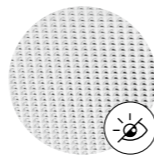
micropr. opal



DiiA® standards
 251, 252, 253



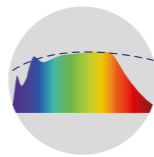
system
 solution (p.880)



microprismatic
 UGR ≤ 19



tunable white
 2700–6500K



CRI ≥ 98
 XPECTRUM

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR

traffic white RAL 9016

LIGHT OPTIC COVER

opal high performance H
 microprismatic Z
 microprismatic (UGR ≤ 19)* G

*UGR ≤ 19 only with mid lumen

Options on request

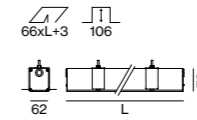
COLOUR RENDERING INDEX

CRI ≥ 90
 CRI ≥ 98 XPECTRUM

COLOUR TEMPERATURE

tunable white 2700–6500K

DALI-2 DT8



MINIMAL 60 trimless



MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
8.7W	3000K	902lm	576	052-32L2::17□
	4000K	955lm		
13W	3000K	1350lm	876	052-32L3::17□
	4000K	1430lm		
15.3W	3000K	1800lm	1176	052-32L4::17□
	4000K	1910lm		
19.2W	3000K	2250lm	1476	052-32L5::17□
	4000K	2390lm		
31W	3000K	3610lm	2348	052-32L8::17□
	4000K	3820lm		

HIGH LUMEN

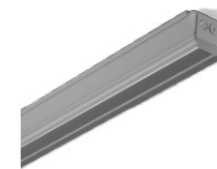
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
13.8W	3000K	1490lm	576	052-32M2::7□
	4000K	1580lm		
20.6W	3000K	2240lm	876	052-32M3::7□
	4000K	2370lm		
27.5W	3000K	2980lm	1176	052-32M4::7□
	4000K	3160lm		
34W	3000K	3730lm	1476	052-32M5::7□
	4000K	3950lm		
55W	3000K	5970lm	2348	052-32M8::7□
	4000K	6320lm		

Mounting accessories

CONCRETE INSTALLATION HOUSING

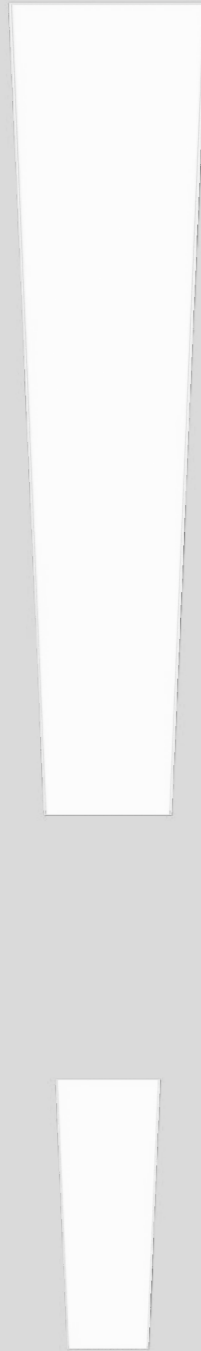
L (mm)	W-H (mm)	ORDER CODE
635	75-88	036-04066
935	75-88	036-04096
1235	75-88	036-04126
1535	75-88	036-04156
2407	75-88	036-04236

no use for wall installation (only on request)



LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, cover opal microprismatic -13%

back



MINIMAL 100

recessed trimless

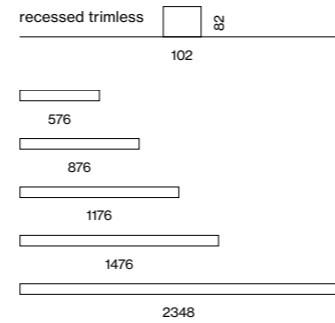
EN Luminaire housing made of extruded aluminium; for trimless installation in plasterboard ceilings; special edge design with grooves for better adhesion of filler; suitable for ceiling thickness of 8-25mm; surface powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; microprismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; energy-efficient LEDs with very good colour rendering

ES Cuerpo de lámpara de perfil extrusionado de aluminio; apropiada para montaje sin marco en techos de yeso; con diseño especial en los bordes para facilitar una mejor fijación del producto; apropiada para grosores de techo entre 8-25mm; superficie con recubrimiento de pintura en polvo; Perfil disponible para pre-montaje; resto de componentes luminosos montables sin herramienta; elemento de luz formado por perfil extruido con acabado altamente reflectante para una gestión térmica mejorada; difusor opal de alta calidad que proporciona una iluminación uniforme; cubierta microprismática de PMMA con lámina difusora para la reducción de iluminancia y un alumbrado homogéneo; LEDs de alta eficiencia que proporcionan una alta reproducción cromática

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 7070 lm
 up to 140 lm/W
 L90 @ 50 000h
 non DIM, DALI-2
 opal, microprismatic (UGR ≤ 19)

Types



Colour



Light distributions



microp. opal



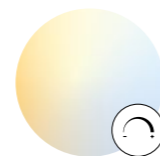
DiiA® standards
 251, 252, 253



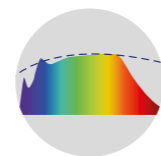
system
 solution (p.882)



DIN EN 12464-1
 UGR ≤ 19



tunable white
 2700–6500K



CRI ≥ 98
 XPECTRUM

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR

traffic white RAL 9016

LIGHT OPTIC COVER

opal high performance	H
microprismatic	Z
microprismatic (UGR ≤ 19)	G

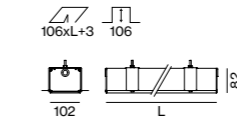
Options on request

COLOUR RENDERING INDEX

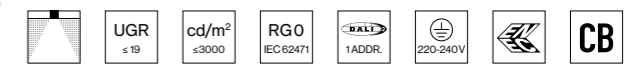
CRI ≥ 90
 CRI ≥ 98 XPECTRUM

COLOUR TEMPERATURE

tunable white 2700–6500K
 DALI-2 DT8



MINIMAL 100 trimless



MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
8.7W	3000K	1010lm	576	052-33L2::17□
	4000K	1070lm		
13W	3000K	1520lm	876	052-33L3::17□
	4000K	1600lm		
15.3W	3000K	2020lm	1176	052-33L4::17□
	4000K	2140lm		
19.2W	3000K	2530lm	1476	052-33L5::17□
	4000K	2670lm		
31W	3000K	4040lm	2348	052-33L8::17□
	4000K	4280lm		

HIGH LUMEN

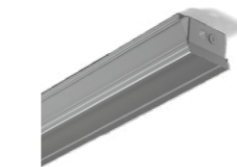
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
13.8W	3000K	1670lm	576	052-33M2::7□
	4000K	1770lm		
20.6W	3000K	2510lm	876	052-33M3::7□
	4000K	2650lm		
27.5W	3000K	3340lm	1176	052-33M4::7□
	4000K	3540lm		
34W	3000K	4180lm	1476	052-33M5::7□
	4000K	4420lm		
55W	3000K	6680lm	2348	052-33M8::7□
	4000K	7070lm		

Mounting accessories

CONCRETE INSTALLATION HOUSING

L (mm)	W-H (mm)	ORDER CODE
635	116-94	036-05066
935	116-94	036-05096
1235	116-94	036-05126
1535	116-94	036-05156
2407	116-94	036-05236

no use for wall installation (only on request)

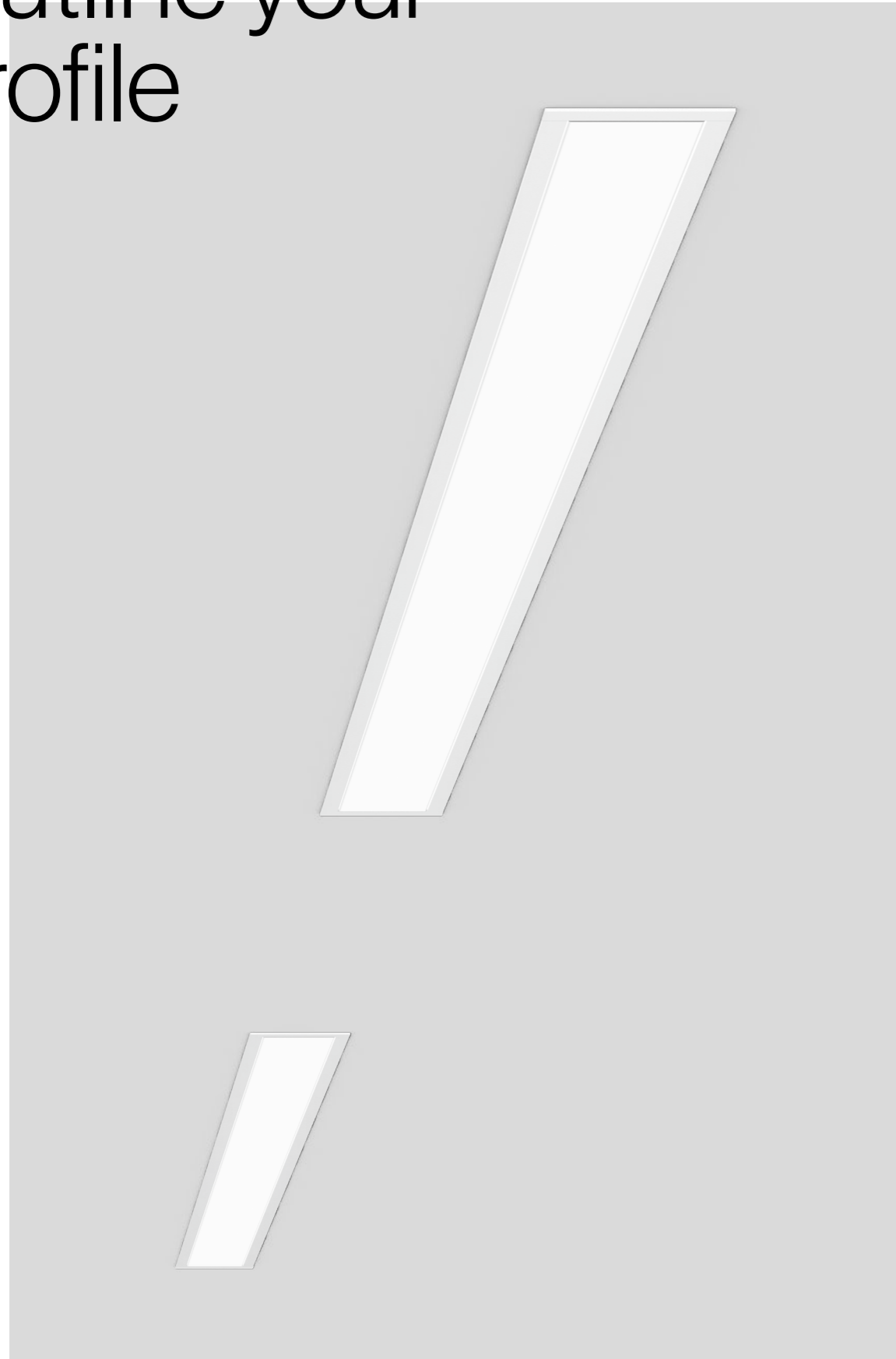


LUMINOUS FLUX value calculated for
 CRI ≥ 80, colour white, cover opal
 microprism. Z -8%, microprism. G -10%

Strozzigasse 10
Vienna, AT –
by Bernd Besenlehner



Outline your profile



FRAME

EN FRAME makes flexible workplace lighting easy. The microprismatic cover ensures optimum glare control and thus standard-compliant illumination of the work areas. With a total of five lengths and three widths, this profile luminaire is versatile. Depending on the colour rendering requirement, the single luminaire is available up to $CRI \geq 98$ or in the light colours 3000K, 4000K, or Tunable White. FRAME's opal cover version delivers optimal and uniform room illumination.

ES Con FRAME es muy sencillo lograr una iluminación flexible de puestos de trabajo. El difusor microprismático garantiza una óptima prevención del deslumbramiento y, con ello, un alumbrado de zonas de trabajo adaptado a la normativa. Con un total de cinco longitudes y tres anchuras, esta luminaria de perfil es extremadamente versátil. Según los requisitos de reproducción cromática, la luminaria individual está disponible con un índice de hasta $IRC \geq 98$ y en temperaturas de color de 3000K, 4000K o Tunable White. En la variante con difusor opal, FRAME garantiza una iluminación interior óptima y homogénea.

Types



40

60

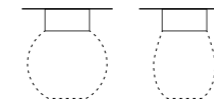
100

Mounting



with trim
recessed

Light distributions



opal

microprismatic
($UGR \leq 19$)

← back



FRAME 40

recessed with trim

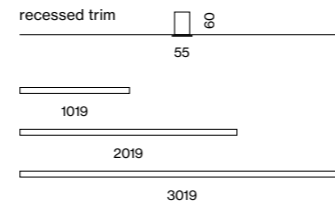
EN Luminaire housing made of extruded aluminium; recessed luminaire with trim; suitable for ceiling thickness of 8-25mm; surface powder coated; luminaire profile can be pre-mounted; remaining luminaire components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; energy-efficient LEDs with very good colour rendering

ES Cuerpo de lámpara de perfil extrusionado de aluminio; luminaria empotrable con marco; apropiada para grosores de techo entre 8-25mm; superficie con recubrimiento de pintura en polvo; perfil de luminaria premontable; resto de componentes luminosos montables sin herramienta; elemento de luz formado por perfil extruido con acabado altamente reflectante para una gestión térmica mejorada; difusor opal de alta calidad que proporciona una iluminación uniforme; LEDs de alta eficiencia que proporcionan una alta reproducción cromática

Quickinfo

3000K, 4000K
CRI ≥ 90, 3 SDCM
up to 102lm/W
L90 @ 50 000h
DALI-2
opal

Types



Colours



Light distribution



Order options

COLOUR TEMPERATURE	
3000K	0
4000K	1

CONTROL

DALI-2

MATERIAL COLOUR

- traffic white RAL 9016 7
 white aluminium RAL 9006 G

LIGHT OPTIC COVER

opal high performance

Options on request

COLOUR RENDERING INDEX
CRI ≥ 98 XPECTRUM

COLOUR TEMPERATURE

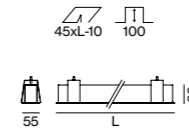
tunable white 2700–6500 K
DALI-2 DT8

LIGHT OPTIC COVER

microprismatic



FRAME 40 trim



MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
15.3W	3000K	1480lm	1019	0 4 2 - 7 1 1 2 :: 3 H
30.5W	3000K	2950lm	2019	0 4 2 - 7 1 1 4 :: 3 H
46W	3000K	4420lm	3019	0 4 2 - 7 1 1 6 :: 3 H
	4000K	1560lm		
	4000K	3120lm		
	4000K	4680lm		

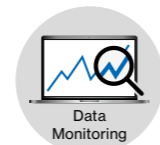
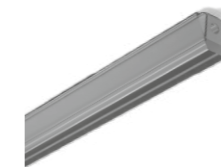
HIGH LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
22.9W	3000K	2210lm	1019	0 4 2 - 7 1 2 2 :: 3 H
46W	3000K	4420lm	2019	0 4 2 - 7 1 2 4 :: 3 H
69W	3000K	6630lm	3019	0 4 2 - 7 1 2 6 :: 3 H
	4000K	2340lm		
	4000K	4680lm		
	4000K	7020lm		

Mounting accessories

CONCRETE INSTALLATION HOUSING

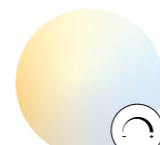
L (mm)	W-H (mm)	ORDER CODE
1038	57-87	0 4 2 - 7 1 9 5 2 1 0
2038	57-87	0 4 2 - 7 1 9 5 4 1 0
3038	57-87	0 4 2 - 7 1 9 5 6 1 0



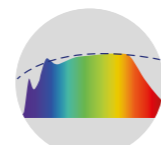
DiiA® standards
251, 252, 253



system
solution (p.890)



tunable white
2700–6500 K



CRI ≥ 98
XPECTRUM

LUMINOUS FLUX value calculated for
CRI ≥ 90, colour white, cover opal

back



FRAME 60

recessed with trim

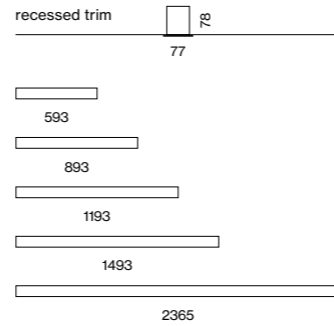
EN Luminaire housing made of extruded aluminium; recessed luminaire with trim; suitable for ceiling thickness of 8-25mm; surface powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; microprismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; energy-efficient LEDs with very good colour rendering

ES Cuerpo de lámpara de perfil extrusionado de aluminio; luminaria empotrable con marco; apropiada para grosores de techo entre 8-25 mm; superficie con recubrimiento de pintura en polvo; Perfil disponible para pre-montaje; resto de componentes luminosos montables sin herramienta; elemento de luz formado por perfil extruido con acabado altamente reflectante para una gestión térmica mejorada; difusor opal de alta calidad que proporciona una iluminación uniforme; cubierta microprismática de PMMA con lámina difusora para la reducción de iluminancia y un alumbrado homogéneo; LEDs de alta eficiencia que proporcionan una alta reproducción cromática

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 125lm/W
L90 @ 50 000h
non DIM, DALI-2
opal, microprismatic (UGR ≤ 19)

Types



Colours



Light distributions



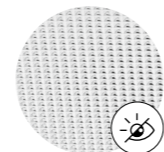
micropr. opal



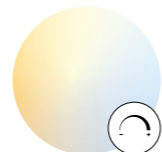
DiiA® standards
251, 252, 253



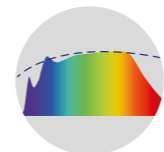
system
solution (p.892)



microprismatic
UGR ≤ 19



tunable white
2700–6500K



CRI ≥ 98
XPECTRUM

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR	
<input type="radio"/> traffic white RAL 9016	7
<input checked="" type="radio"/> white aluminium RAL 9006	G

LIGHT OPTIC COVER	
opal high performance	H
microprismatic	Z
microprismatic (UGR ≤ 19)*	G

*UGR ≤ 19 only with mid lumen

Options on request

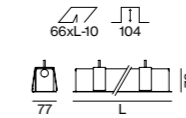
COLOUR RENDERING INDEX	
CRI ≥ 90	
CRI ≥ 98 XPECTRUM	

COLOUR TEMPERATURE	
tunable white 2700–6500K	
DALI-2 DT8	

INDIVIDUAL MATERIAL COLOUR
please contact factory



FRAME 60 trim



MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
8.7W	3000K	902lm	593	0 5 2 - 4 7 L 2 :: 1 ▣
	4000K	955lm		
13W	3000K	1350lm	893	0 5 2 - 4 7 L 3 :: 1 ▣
	4000K	1430lm		
15.3W	3000K	1800lm	1193	0 5 2 - 4 7 L 4 :: 1 ▣
	4000K	1910lm		
19.2W	3000K	2250lm	1493	0 5 2 - 4 7 L 5 :: 1 ▣
	4000K	2390lm		
31W	3000K	3610lm	2365	0 5 2 - 4 7 L 8 :: 1 ▣
	4000K	3820lm		

HIGH LUMEN

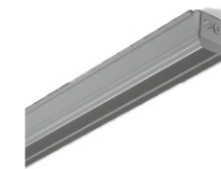
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
13.8W	3000K	1490lm	593	0 5 2 - 4 7 M 2 :: ▣ ▣
	4000K	1580lm		
20.6W	3000K	2240lm	893	0 5 2 - 4 7 M 3 :: ▣ ▣
	4000K	2370lm		
27.5W	3000K	2980lm	1193	0 5 2 - 4 7 M 4 :: ▣ ▣
	4000K	3160lm		
34W	3000K	3730lm	1493	0 5 2 - 4 7 M 5 :: ▣ ▣
	4000K	3950lm		
55W	3000K	5970lm	2365	0 5 2 - 4 7 M 8 :: ▣ ▣
	4000K	6320lm		

Mounting accessories

CONCRETE INSTALLATION HOUSING

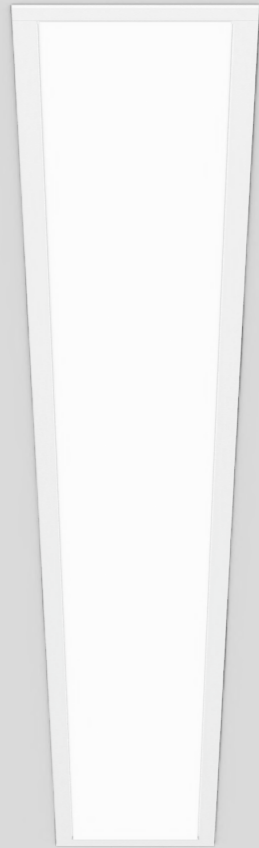
L (mm)	W-H (mm)	ORDER CODE
635	75-88	0 3 5 - 0 4 0 6 6
935	75-88	0 3 5 - 0 4 0 9 6
1235	75-88	0 3 5 - 0 4 1 2 6
1535	75-88	0 3 5 - 0 4 1 5 6
2407	75-88	0 3 5 - 0 4 2 3 6

no use for wall installation (only on request)



LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal
microprismatic -13%

← back



FRAME 100

recessed with trim

EN Luminaire housing made of extruded aluminium; recessed luminaire with trim; suitable for ceiling thickness of 8-25mm; surface powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; microprismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; energy-efficient LEDs with very good colour rendering

ES Cuerpo de lámpara de perfil extrusionado de aluminio; luminaria empotrable con marco; apropiada para grosores de techo entre 8-25mm; superficie con recubrimiento de pintura en polvo; Perfil disponible para pre-montaje; resto de componentes luminosos montables sin herramienta; elemento de luz formado por perfil extruido con acabado altamente reflectante para una gestión térmica mejorada; difusor opal de alta calidad que proporciona una iluminación uniforme; cubierta microprismática de PMMA con lámina difusora para la reducción de iluminancia y un alumbrado homogéneo; LEDs de alta eficiencia que proporcionan una alta reproducción cromática

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 7070 lm
 up to 140 lm/W
 L90 @ 50 000h
 non DIM, DALI-2
 opal, microprismatic (UGR ≤ 19)

Types



Colours



Light distributions



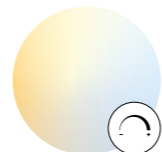
Data Monitoring
 DiiA® standards
 251, 252, 253



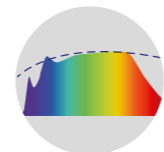
system
 solution (p.898)



DIN EN 12464-1
 UGR ≤ 19



tunable white
 2700–6500K



CRI ≥ 98
 XPECTRUM

Order options

COLOUR TEMPERATURE
 3000K 5
 4000K 6

CONTROL
 non DIM 1
 DALI-2 3

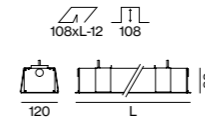
MATERIAL COLOUR
 traffic white RAL 9016 7
 white aluminium RAL 9006 G

LIGHT OPTIC COVER
 opal high performance H
 microprismatic Z
 microprismatic (UGR ≤ 19) G

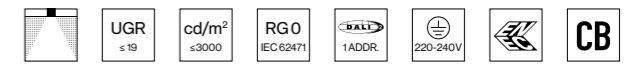
Options on request

COLOUR RENDERING INDEX
 CRI ≥ 90
 CRI ≥ 98 XPECTRUM

COLOUR TEMPERATURE
 tunable white 2700–6500K
 DALI-2 DT8



FRAME 100 trim



MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
8.7W	3000K	1010lm	596	0 5 2 - 4 3 L 2 :: 1
	4000K	1070lm		
13W	3000K	1520lm	896	0 5 2 - 4 3 L 3 :: 1
	4000K	1600lm		
15.3W	3000K	2020lm	1196	0 5 2 - 4 3 L 4 :: 1
	4000K	2140lm		
19.2W	3000K	2530lm	1496	0 5 2 - 4 3 L 5 :: 1
	4000K	2670lm		
31W	3000K	4040lm	2368	0 5 2 - 4 3 L 8 :: 1
	4000K	4280lm		

HIGH LUMEN

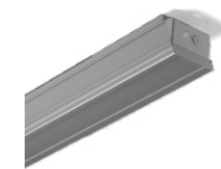
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
13.8W	3000K	1670lm	596	0 5 2 - 4 3 M 2 ::
	4000K	1770lm		
20.6W	3000K	2510lm	896	0 5 2 - 4 3 M 3 ::
	4000K	2650lm		
27.5W	3000K	3340lm	1196	0 5 2 - 4 3 M 4 ::
	4000K	3540lm		
34W	3000K	4180lm	1496	0 5 2 - 4 3 M 5 ::
	4000K	4420lm		
55W	3000K	6680lm	2368	0 5 2 - 4 3 M 8 ::
	4000K	7070lm		

Mounting accessories

CONCRETE INSTALLATION HOUSING

L (mm)	W-H (mm)	ORDER CODE
635	116-94	0 3 5 - 0 5 0 6 6
935	116-94	0 3 5 - 0 5 0 9 6
1235	116-94	0 3 5 - 0 5 1 2 6
1535	116-94	0 3 5 - 0 5 1 5 6
2407	116-94	0 3 5 - 0 5 2 3 6

no use for wall installation (only on request)

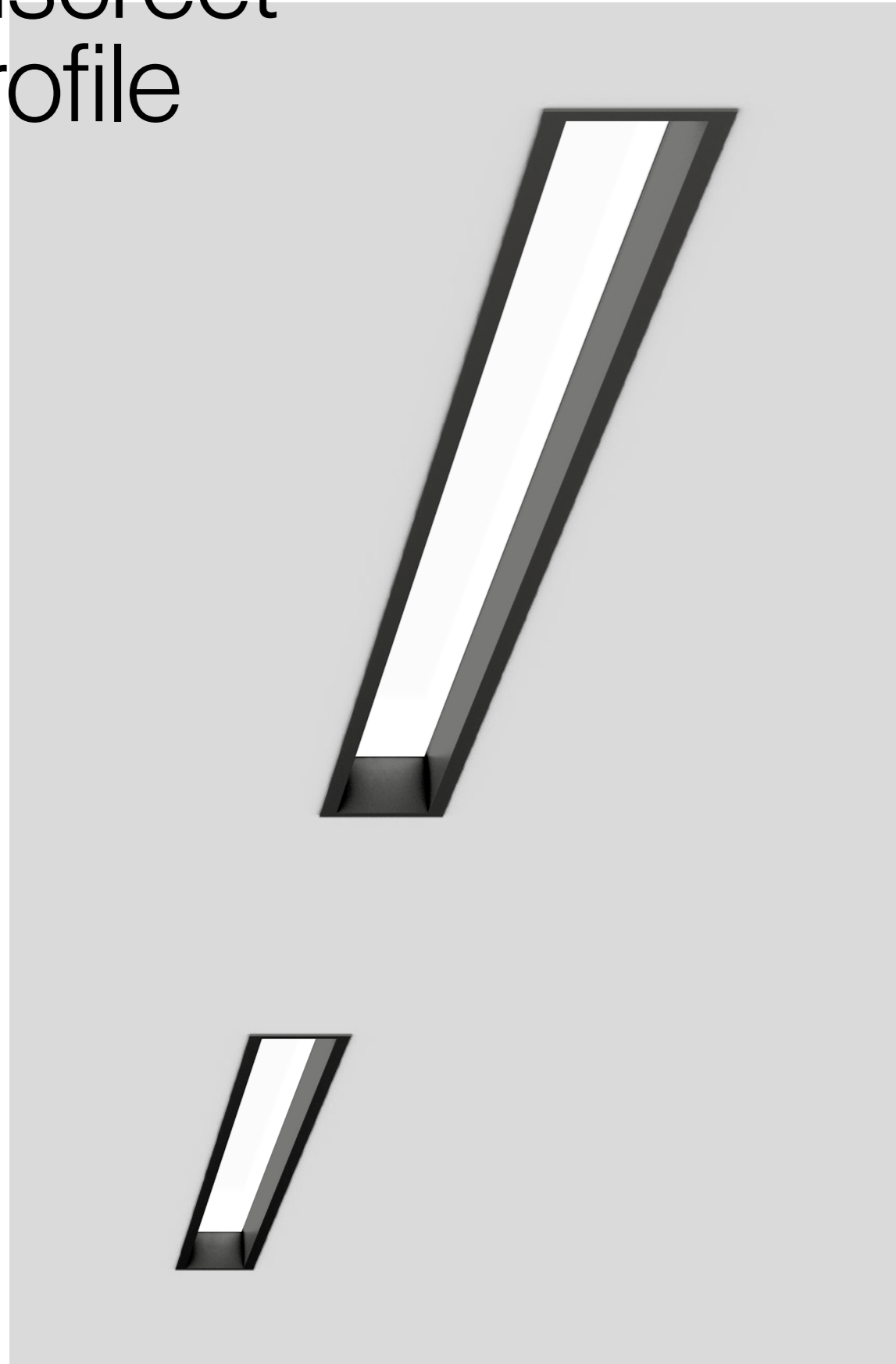


LUMINOUS FLUX value calculated for
 CRI ≥ 80, colour white, cover opal
 microprism. Z -8%, microprism. G -10%

Geriatrics Simmering, AT –
by Josef Weichenberger architects +
Partner including lighting design







Discreet profile



CANYON

EN The perfect first impression: The CANYON luminaire and its simplicity create a calm ambience in the entrance area. CANYON also crafts a calm ceiling appearance in recreation rooms, corridors, or at the workplace thanks to the recessed luminaire level. The profile luminaire with a trim can be used universally as it comes in different lengths and with different covers, such as microprismatic or opal. The CANYON single luminaire's colour rendering reaches up to $CRI \geq 90$ with a total of three possible light colours: 3000K, 4000K, and Tunable White.

ES La perfecta primera impresión: la luminaria CANYON garantiza un ambiente sosegado en la zona de entrada gracias a su simplicidad. En salas de descanso, pasillos o en el propio puesto de trabajo, CANYON también permite obtener un patrón de techo semiempotrado gracias al rebaje del nivel de las luminarias. La luminaria de perfil con borde admite un uso universal debido a sus distintas longitudes y a sus diferentes difusores, tales como el microprismático o la cubierta opal. La reproducción cromática de la luminaria individual CANYON alcanza un índice de hasta $IRC \geq 90$ con un total de tres temperaturas de color posibles: 3000K, 4000K y Tunable White.

Type	
	60
Mounting	
	trim recessed
Light distributions	 
	opal microprismatic ($UGR \leq 19$)

← back



CANYON 60

recessed offset with trim

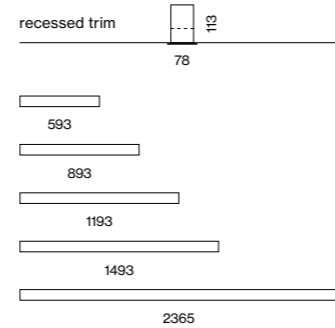
EN Luminaire housing made of extruded aluminium; uncluttered ceiling look through recessed lighting level; recessed luminaire with trim; suitable for ceiling thickness of 8-25 mm; surface powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; energy-efficient LEDs with very good colour rendering

ES Cuerpo de lámpara de perfil extrusionado de aluminio; vista de techo con luminaria empotrada; luminaria empotrable con marco; apropiada para grosores de techo entre 8-25 mm; superficie con recubrimiento de pintura en polvo; Perfil disponible para pre-montaje; resto de componentes luminosos montables sin herramienta; elemento de luz formado por perfil extruido con acabado altamente reflectante para una gestión térmica mejorada; difusor opal de alta calidad que proporciona una iluminación uniforme; cubierta microprismática de PMMA con lámina difusora para la reducción de iluminancia y un alumbrado homogéneo; LEDs de alta eficiencia que proporcionan una alta reproducción cromática

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 105lm/W
L90 @ 50 000h
non DIM, DALI-2
opal, microprismatic

Types



Colours



Light distributions



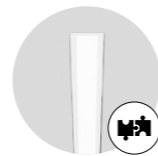
microp. opal



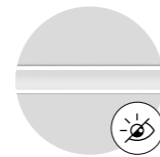
Data Monitoring
DiiA® standards
251, 252, 253



ball-impact-resistant



system solution
(p. 904)



glare control
UGR ≤ 19



tunable white
2700–6500K

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

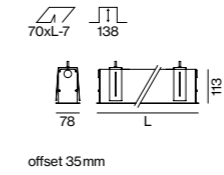
MATERIAL COLOUR	
○ traffic white RAL 9016	7
● jet black RAL 9005	8

LIGHT OPTIC COVER	
opal high performance	H
microprismatic	Z

Options on request

COLOUR RENDERING INDEX
CRI ≥ 90

COLOUR TEMPERATURE
tunable white 2700–6500K
DALI-2 DT8



CANYON 60 trim offset



MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
8.7W	3000K	760lm	593	0 5 2 - 5 2 L 2 :: 1 ▣
	4000K	804lm		
13W	3000K	1140lm	893	0 5 2 - 5 2 L 3 :: 1 ▣
	4000K	1210lm		
15.3W	3000K	1520lm	1193	0 5 2 - 5 2 L 4 :: 1 ▣
	4000K	1610lm		
19.2W	3000K	1900lm	1493	0 5 2 - 5 2 L 5 :: 1 ▣
	4000K	2010lm		
31W	3000K	3040lm	2365	0 5 2 - 5 2 L 8 :: 1 ▣
	4000K	3220lm		

HIGH LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
13.8W	3000K	1260lm	593	0 5 2 - 5 2 M 2 :: ▣ ▣
	4000K	1330lm		
20.6W	3000K	1880lm	893	0 5 2 - 5 2 M 3 :: ▣ ▣
	4000K	2000lm		
27.5W	3000K	2510lm	1193	0 5 2 - 5 2 M 4 :: ▣ ▣
	4000K	2660lm		
34W	3000K	3140lm	1493	0 5 2 - 5 2 M 5 :: ▣ ▣
	4000K	3300lm		
55W	3000K	5030lm	2365	0 5 2 - 5 2 M 8 :: ▣ ▣
	4000K	5320lm		

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal
microprismatic -9%

Business-Quartier Sparkasse
Salzburg, AT – by OM/ARGE Neutor,
Schabelreiter Architektur



Define your profile

MINO

EN The MINO single luminaire's character is multifaceted. It can be mounted on walls and ceilings as a surface-mounted version, but is also available as a suspended version. The variety continues in its optical details; in white, grey, and black, the luminaire can be selected with a colour rendering of up to $CRI \geq 98$ XPECTRUM and in the light colours 3000K, 4000K, or Tunable White. MINO optionally also comes with a microprismatic cover for ideal work light or with an opal cover for homogeneous room illumination.

ES La luminaria individual MINO se caracteriza por su gran versatilidad. Como variante de superficie puede instalarse en paredes y techos, estando también disponible como modelo de suspensión. Esta variedad continúa en los detalles visuales: la luminaria puede elegirse en los colores blanco, gris y negro con una reproducción cromática de hasta $IRC \geq 98$ XPECTRUM y temperaturas de color de 3000K, 4000K o Tunable White. Como complemento, MINO puede suministrarse con un difusor microprismático para una perfecta luz de trabajo o con una cubierta opal para una iluminación interior homogénea.

Types

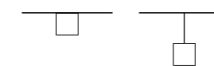


40

60

100

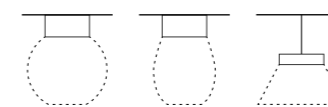
Mountings



surface

suspended

Light distributions



opal

microprismatic
($UGR \leq 19$)

direct

back



MINO 40

surface

EN Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated; luminaire profile can be pre-mounted; remaining luminaire components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; energy-efficient LEDs with very good colour rendering

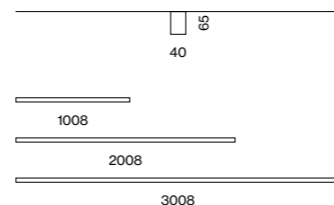
ES Cuerpo de perfil de aluminio con diseño angular; sin tornillos visibles; superficie con recubrimiento de pintura en polvo; perfil de luminaria premontable; resto de componentes luminosos montables sin herramienta; elemento de luz formado por perfil extruido con acabado altamente reflectante para una gestión térmica mejorada; difusor opal de alta calidad que proporciona una iluminación uniforme; LEDs de alta eficiencia que proporcionan una alta reproducción cromática

Quickinfo

3000K, 4000K
CRI ≥ 90, 3 SDCM
up to 102lm/W
L90 @ 50 000h
DALI-2
opal

Types

surface



Colours



Light distribution



Order options

COLOUR TEMPERATURE	
3000K	0
4000K	1

CONTROL

DALI-2

MATERIAL COLOUR

<input type="radio"/> pure white RAL 9010	7
<input checked="" type="radio"/> white aluminium RAL 9006	G
<input type="radio"/> jet black RAL 9005	8

LIGHT OPTIC COVER

opal high performance

Options on request

COLOUR RENDERING INDEX

CRI ≥ 98 XPECTRUM

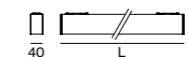
COLOUR TEMPERATURE

tunable white 2700–6500 K

DALI-2 DT8

LIGHT OPTIC COVER

microprismatic



MINO 40 surface

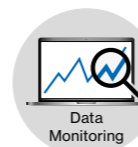


MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
15.3W	3000K	1480lm	1008	0 4 2 - 1 1 1 2 :: 3 H
	4000K	1560lm		
30.5W	3000K	2950lm	2008	0 4 2 - 1 1 1 4 :: 3 H
	4000K	3120lm		
46W	3000K	4420lm	3008	0 4 2 - 1 1 1 6 :: 3 H
	4000K	4680lm		

HIGH LUMEN

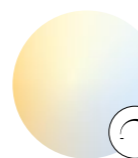
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
22.9W	3000K	2210lm	1008	0 4 2 - 1 1 2 2 :: 3 H
	4000K	2340lm		
46W	3000K	4420lm	2008	0 4 2 - 1 1 2 4 :: 3 H
	4000K	4680lm		
69W	3000K	6630lm	3008	0 4 2 - 1 1 2 6 :: 3 H
	4000K	7020lm		



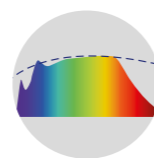
DiiA® standards
251, 252, 253



system
solution (p. 912)



tunable white
2700–6500 K



CRI ≥ 98
XPECTRUM

LUMINOUS FLUX value calculated for
CRI ≥ 90, colour white, cover opal

[← back](#)


MINO 40

suspended

EN Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated; luminaire profile can be pre-mounted; remaining luminaire components mounted without tools; pendant fitting with cable suspension; height adjustment without tools; incl. transparent feed; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; energy-efficient LEDs with very good colour rendering

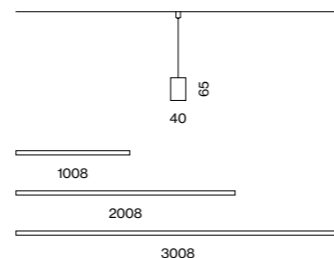
ES Cuerpo de perfil de aluminio con diseño angular; sin tornillos visibles; superficie con recubrimiento de pintura en polvo; perfil de luminaria premontable; resto de componentes luminosos montables sin herramienta; suspendido con cable; altura regulable sin herramientas; incluido cable de alimentación transparente; elemento de luz formado por perfil extruido con acabado altamente reflectante para una gestión térmica mejorada; difusor opal de alta calidad que proporciona una iluminación uniforme; LEDs de alta eficiencia que proporcionan una alta reproducción cromática

Quickinfo

3000K, 4000K
CRI ≥ 90, 3 SDCM
up to 102lm/W
L90 @ 50 000h
DALI-2
opal

Types

suspended



Colours



Light distribution



direct

Order options

COLOUR TEMPERATURE	
3000K	0
4000K	1

CONTROL

DALI-2

MATERIAL COLOUR

<input type="radio"/> pure white RAL 9010	7
<input checked="" type="radio"/> white aluminium RAL 9006	G
<input type="radio"/> jet black RAL 9005	8

LIGHT OPTIC COVER

opal high performance

Options on request

COLOUR RENDERING INDEX

CRI ≥ 98 XPECTRUM

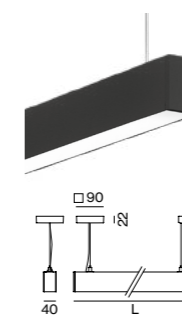
COLOUR TEMPERATURE

tunable white 2700–6500 K

DALI-2 DT8

LIGHT OPTIC COVER

microprismatic



MINO 40 suspended

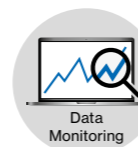


MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
15.3W	3000K	1480lm	1008	0 4 2 - 1 2 1 2 :: 3 H
	4000K	1560lm		
30.5W	3000K	2950lm	2008	0 4 2 - 1 2 1 4 :: 3 H
	4000K	3120lm		
46W	3000K	4420lm	3008	0 4 2 - 1 2 1 6 :: 3 H
	4000K	4680lm		

HIGH LUMEN

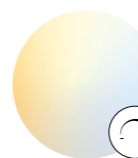
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
22.9W	3000K	2210lm	1008	0 4 2 - 1 2 2 2 :: 3 H
	4000K	2340lm		
46W	3000K	4420lm	2008	0 4 2 - 1 2 2 4 :: 3 H
	4000K	4680lm		
69W	3000K	6630lm	3008	0 4 2 - 1 2 2 6 :: 3 H
	4000K	7030lm		



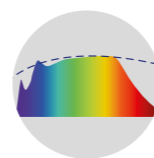
DiiA® standards
251, 252, 253



system
solution (p. 912)



tunable white
2700–6500 K



CRI ≥ 98
XPECTRUM

LUMINOUS FLUX value calculated for
CRI ≥ 90, colour white, cover opal

Sparkasse Lienz, AT –
by DI Matthias Viehhauser





MME
Zug, CH –
by Büronauten AG



Sparkasse, Bank
Nuremberg, DE –
by baum-kappler architekten



[← back](#)


MINO 60

surface

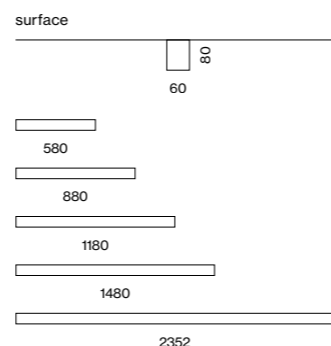
EN Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; energy-efficient LEDs with very good colour rendering

ES Cuerpo de perfil de aluminio con diseño angular; sin tornillos visibles; superficie con recubrimiento de pintura en polvo; Perfil disponible para pre-montaje; resto de componentes luminosos montables sin herramienta; elemento de luz formado por perfil extruido con acabado altamente reflectante para una gestión térmica mejorada; difusor opal de alta calidad que proporciona una iluminación uniforme; cubierta microprismática de PMMA con lámina difusora para la reducción de iluminación y un alumbrado homogéneo; LEDs de alta eficiencia que proporcionan una alta reproducción cromática

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 up to 125lm/W
 L90 @ 50 000h
 non DIM, DALI-2
 opal, microprismatic (UGR ≤ 19)

Types



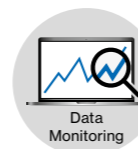
Colours



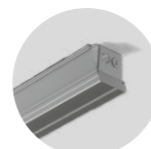
Light distribution



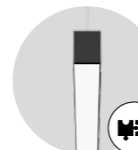
direct



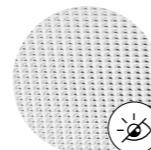
DiiA® standards
251, 252, 253



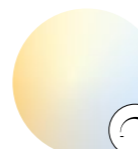
concrete install.
housing (p.946)



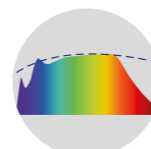
system
solution (p.914)



microprismatic
solution UGR ≤ 19



tunable white
2700–6500K



CRI ≥ 98
XPECTRUM

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR	
○ pure white RAL 9010	7
● white aluminium RAL 9006	G
● jet black RAL 9005	8

LIGHT OPTIC COVER	
opal high performance	H
microprismatic	Z
microprismatic (UGR ≤ 19)*	G

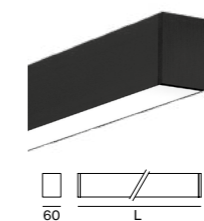
*UGR ≤ 19 only with mid lumen

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 90	
CRI ≥ 98 XPECTRUM	

COLOUR TEMPERATURE	
tunable white 2700–6500K	
DALI-2 DT8	

INDIVIDUAL MATERIAL COLOUR	
● MINO 60 ceiling system	



MINO 60 surface



MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
8.7W	3000K	902lm	580	0 4 6 - 4 1 L 2 :: 1 ▣
	4000K	955lm		
13W	3000K	1350lm	880	0 4 6 - 4 1 L 3 :: 1 ▣
	4000K	1430lm		
15.3W	3000K	1800lm	1180	0 4 6 - 4 1 L 4 :: 1 ▣
	4000K	1910lm		
19.2W	3000K	2250lm	1480	0 4 6 - 4 1 L 5 :: 1 ▣
	4000K	2390lm		
31W	3000K	3610lm	2352	0 4 6 - 4 1 L 8 :: 1 ▣
	4000K	3820lm		

HIGH LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
13.8W	3000K	1490lm	580	0 4 6 - 4 1 M 2 :: ▣ ▣
	4000K	1580lm		
20.6W	3000K	2240lm	880	0 4 6 - 4 1 M 3 :: ▣ ▣
	4000K	2370lm		
27.5W	3000K	2980lm	1180	0 4 6 - 4 1 M 4 :: ▣ ▣
	4000K	3160lm		
34W	3000K	3730lm	1480	0 4 6 - 4 1 M 5 :: ▣ ▣
	4000K	3950lm		
55W	3000K	5970lm	2352	0 4 6 - 4 1 M 8 :: ▣ ▣
	4000K	6320lm		

LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, cover opal microprism. Z -13%, microprism. G -15%

Aros Forsikring-Mutual Insurance
Viby J, DK – lighting design by
anker & co



← back



MINO 60

suspended

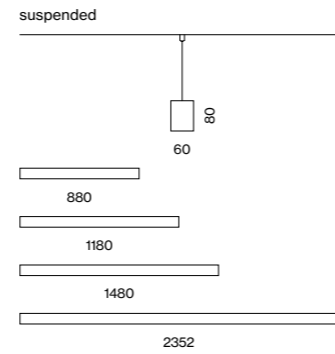
EN Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated; luminaire profile for mounting available in advance; remaining components mounted without tools; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; spring clip attachment to the luminaire; freely positionable; with transparent feeder cable; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; energy-eff. LEDs – very good colour rendering

ES Cuerpo de perfil de aluminio con diseño angular; sin tornillos visibles; superficie con recubrimiento de pintura en polvo; Perfil disponible para pre-montaje; los demás componentes se pueden montar sin herramientas; suspendido con cable; regulación de la altura sin necesitar herramientas; fijación en las lámparas por medio de enganches elásticos; ajustable de una manera sencilla; incl. cable de alimentación transparente; elemento de luz formado por perfil extruido con acabado altamente reflectante para una gestión térmica mejorada; difusor opal de alta calidad que proporciona una iluminación uniforme; cubierta microprismática de PMMA con lámina difusora para la reducción de iluminancia y un alumbrado homogéneo; LED energét. efic. – excelente repro. crom.

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 125 lm/W
L90 @ 50 000h
non DIM, DALI-2
opal, microprismatic (UGR ≤ 19)

Types



Colours



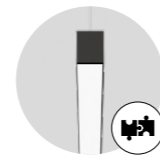
Light distribution



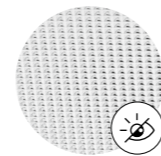
direct



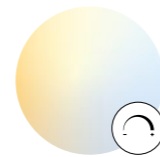
Data Monitoring
DiiA® standards
251, 252, 253



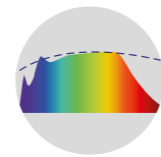
system
solution (p.914)



microprismatic
UGR ≤ 19



tunable white
2700–6500K



CRI ≥ 98
XPECTRUM

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR	
○ pure white RAL 9010	7
● white aluminium RAL 9006	G
● jet black RAL 9005	8

LIGHT OPTIC COVER	
opal high performance	H
microprismatic	Z
microprismatic (UGR ≤ 19)*	G

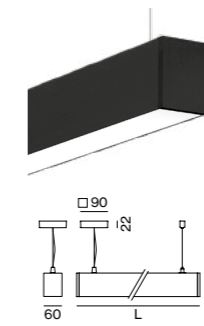
*UGR ≤ 19 only with mid lumen

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 90	
CRI ≥ 98 XPECTRUM	

COLOUR TEMPERATURE	
tunable white 2700–6500K	
DALI-2 DT8	

INDIVIDUAL MATERIAL COLOUR	
● MINO 60 suspended system	



MINO 60 suspended



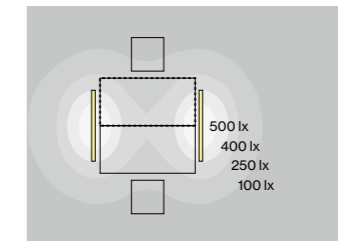
MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
13W	3000K	1350lm	880	0 4 6 - 4 2 L 3 :: 1 ▣ □
	4000K	1430lm		
15.3W	3000K	1800lm	1180	0 4 6 - 4 2 L 4 :: 1 ▣ □
	4000K	1910lm		
19.2W	3000K	2250lm	1480	0 4 6 - 4 2 L 5 :: 1 ▣ □
	4000K	2390lm		
31W	3000K	3610lm	2352	0 4 6 - 4 2 L 8 :: 1 ▣ □
	4000K	3820lm		

HIGH LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
20.6W	3000K	2240lm	880	0 4 6 - 4 2 M 3 :: ▣ ▣ □
	4000K	2370lm		
27.5W	3000K	2980lm	1180	0 4 6 - 4 2 M 4 :: ▣ ▣ □
	4000K	3160lm		
34W	3000K	3730lm	1480	0 4 6 - 4 2 M 5 :: ▣ ▣ □
	4000K	3950lm		
55W	3000K	5970lm	2352	0 4 6 - 4 2 M 8 :: ▣ ▣ □
	4000K	6320lm		

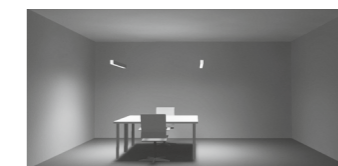
Technical data



MINO 60 suspended, 15.3W, 4000K, direct

ROOM VALUES	
Room dimensions	5.4 × 4 × 2.8m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8
Suspension height	2.25m

CALCULATION SURFACE	
Surface dimensions	1.6 × 0.8m
Surface height	0.75m
Average illuminance (E _{av})	> 500lx
Uniformity (U ₀)	> 0.6

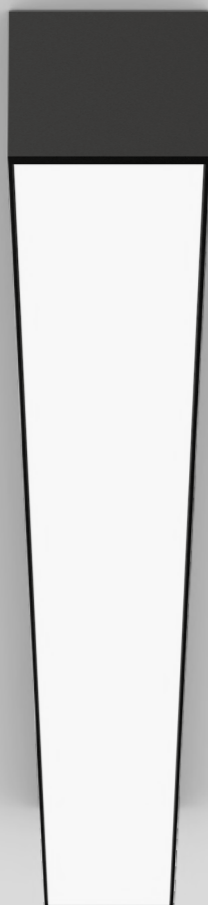


GLARE EVALUATION	
Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19

LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, cover opal microprism. Z -13%, microprism. G -15%

HeidelbergCement AG Heidelberg, DE –
by Albert Speer + Partner Architekten with
lighting design by Hailight Lichtplanung,
Andreas Haidegger



[← back](#)


MINO 100

surface

EN Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; energy-efficient LEDs with very good colour rendering

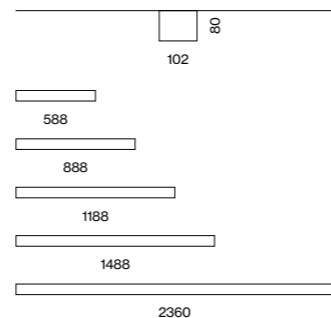
ES Cuerpo de perfil de aluminio con diseño angular; sin tornillos visibles; superficie con recubrimiento de pintura en polvo; Perfil disponible para pre-montaje; resto de componentes luminosos montables sin herramienta; elemento de luz formado por perfil extruido con acabado altamente reflectante para una gestión térmica mejorada; difusor opal de alta calidad que proporciona una iluminación uniforme; cubierta microprismática de PMMA con lámina difusora para la reducción de iluminación y un alumbrado homogéneo; LEDs de alta eficiencia que proporcionan una alta reproducción cromática

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 7070 lm
 up to 140 lm/W
 L90 @ 50 000h
 non DIM, DALI-2
 opal, microprismatic (UGR ≤ 19)

Types

surface



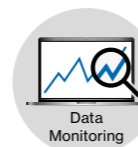
Colours



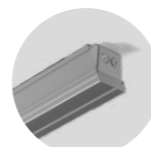
Light distribution



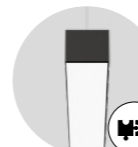
direct



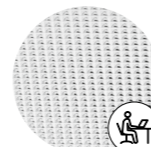
DiiA® standards
251, 252, 253



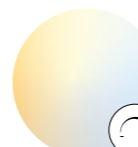
concrete install.
housing (p. 946)



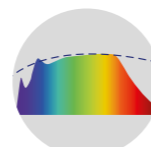
system
solution (p. 928)



DIN EN 12464-1
UGR ≤ 19



tunable white
2700–6500K



CRI ≥ 98
XPECTRUM

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR	
<input type="radio"/> pure white RAL 9010	7
<input checked="" type="radio"/> white aluminium RAL 9006	G
<input type="radio"/> jet black RAL 9005	8

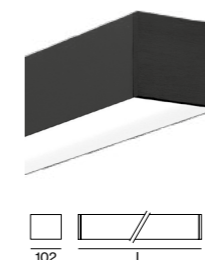
LIGHT OPTIC COVER	
opal high performance	H
microprismatic	Z
microprismatic (UGR ≤ 19)	G

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 90	
CRI ≥ 98 XPECTRUM	

COLOUR TEMPERATURE	
tunable white 2700–6500K	
DALI-2 DT8	

INDIVIDUAL MATERIAL COLOUR	
<input checked="" type="checkbox"/> MINO 100 ceiling system	



MINO 100 surface



MID LUMEN

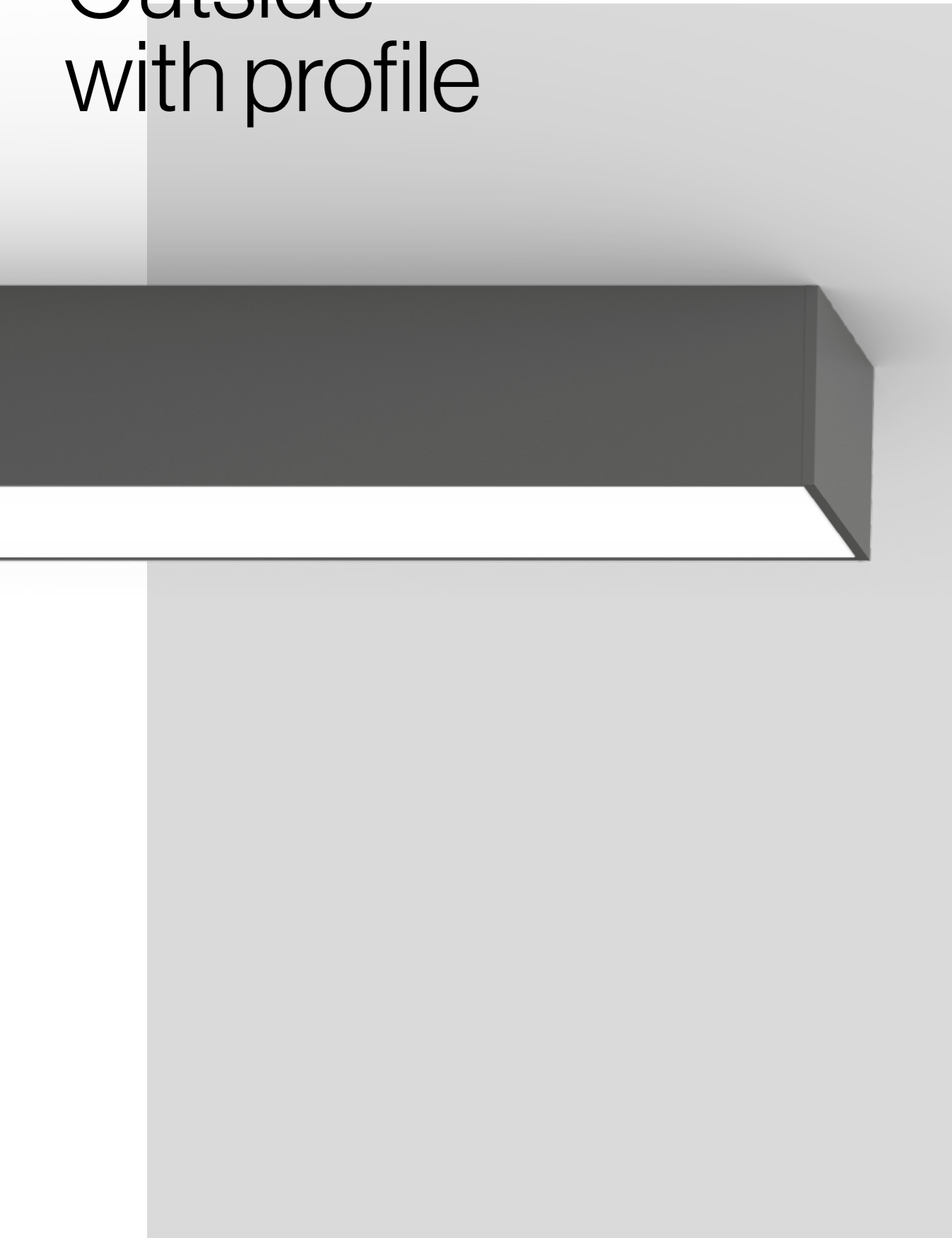
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
8.7W	3000K	1010lm	588	0 5 6 - 4 1 L 2 :: 1 ▣
	4000K	1070lm		
13W	3000K	1520lm	888	0 5 6 - 4 1 L 3 :: 1 ▣
	4000K	1600lm		
15.3W	3000K	2020lm	1188	0 5 6 - 4 1 L 4 :: 1 ▣
	4000K	2140lm		
19.2W	3000K	2530lm	1488	0 5 6 - 4 1 L 5 :: 1 ▣
	4000K	2670lm		
31W	3000K	4040lm	2360	0 5 6 - 4 1 L 8 :: 1 ▣
	4000K	4280lm		

HIGH LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
13.8W	3000K	1670lm	588	0 5 6 - 4 1 M 2 :: ▣ ▣
	4000K	1770lm		
20.6W	3000K	2510lm	888	0 5 6 - 4 1 M 3 :: ▣ ▣
	4000K	2650lm		
27.5W	3000K	3340lm	1188	0 5 6 - 4 1 M 4 :: ▣ ▣
	4000K	3540lm		
34W	3000K	4180lm	1488	0 5 6 - 4 1 M 5 :: ▣ ▣
	4000K	4420lm		
55W	3000K	6680lm	2360	0 5 6 - 4 1 M 8 :: ▣ ▣
	4000K	7070lm		

LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, cover opal microprism. Z -8%, microprism. G -10%

Outside with profile



BASO IP54

EN BASO IP54 is a powerful profile luminaire that has been specially adapted to demanding environmental conditions: from public outdoor areas to wet rooms. It has increased dust and insect protection (IP54). BASO IP54 is available as a single luminaire or as a system variant. It is easy to install and suitable for recessed or surface fitting as well as for wall or ceiling mounting. An opal cover delivers homogeneous basic illumination. The luminaire has a colour rendering of up to $\text{CRI} \geq 98$ XPECTRUM and can be selected with a dark grey or white housing and in two light colours (3000K and 4000K).

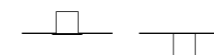
ES BASO IP54 es una potente luminaria de perfil que se ha adaptado especialmente a las exigentes condiciones ambientales: pudiendo utilizarse en zonas exteriores públicas o salas con alto grado de humedad entre otras muchas posibilidades. Además, está dotada de una elevada protección contra polvo e insectos (IP54). BASO IP54 está disponible como luminaria individual y como sistema, es fácil de montar y es apta tanto para la colocación empotrada o en superficie como para el montaje en pared o techo. Su difusor opal garantiza un alumbrado general homogéneo. Además, la luminaria ofrece una excelente reproducción cromática con de hasta $\text{CRI} \geq 98$ XPECTRUM y puede elegirse en dos temperaturas de color (3000K y 4000K) y con carcasa blanca o en color gris oscuro.

Type



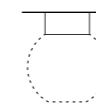
60

Mountings

trim
recessed

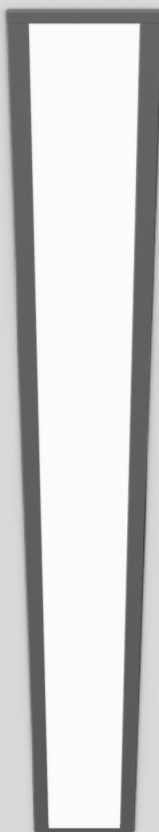
surface

Light distribution



opal

back



BASO 60 IP54

recessed with trim

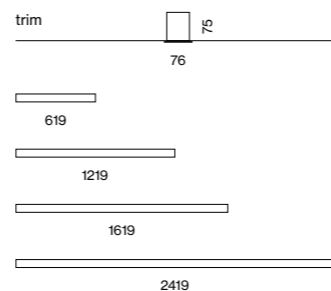
EN Luminaire housing made of extruded aluminium; recessed luminaire with trim; suitable for ceiling thickness of 8-20 mm; surface powder coated; suitable for wall or ceiling mounting; luminaire profile (end caps come pre-assembled) can be pre-mounted; remaining luminaire components mounted without tools; closed light insert made of PMMA, consisting of converter unit and circuit board unit; light inset with screwed-on, thus maintenance-friendly, transparent end cap in PMMA; HPO (High Performance Opal) cover for uniform illumination; energy-efficient LEDs with very good colour rendering; IP67 socket connector system for easy and sealed electrical connection

ES Cuerpo de lámpara de perfil extrusionado de aluminio; luminaria empotrable con marco; apropiada para grosores de techo entre 8-20 mm; superficie con recubrimiento de pintura en polvo; apropiada para montaje en techo y paredes; perfil de luminaria (tapa terminal premontada de fábrica) premontable; resto de componentes luminosos montables sin herramienta; elemento de luz cerrado de PMMA, compuesto de convertidor y pletina; elemento de luz con tapa terminal transparente de metacrilato atornillada y de fácil mantenimiento; difusor opal de alta calidad que proporciona una iluminación uniforme; LEDs de alta eficiencia que proporcionan una alta reproducción cromática; conector con casquillo IP67 para realizar una conexión eléctrica estanca

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 125lm/W
L90 @ 50 000h
DALI-2
opal, IP 54

Types



Colours



Light distribution



direct

Order options

IP RATING

IP54

COLOUR TEMPERATURE

3000K	5
4000K	6

CONTROL

DALI-2

MATERIAL COLOUR

<input type="radio"/> traffic white RAL 9016	7
<input checked="" type="radio"/> umbra grey RAL 7022	D

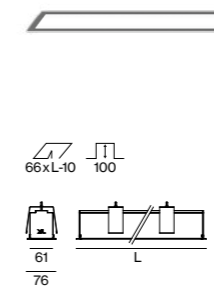
LIGHT OPTIC COVER

opal high performance

Options on request

COLOUR RENDERING INDEX

CRI ≥ 90
CRI ≥ 98 XPECTRUM



BASO 60 trim



IP 54 LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
11.2W	3000K	1320lm	619	8 4 5 - 3 5 2 2 :: 3 ▣ H
22.4W	3000K	2640lm	1219	8 4 5 - 3 5 2 4 :: 3 ▣ H
29.9W	3000K	3530lm	1619	8 4 5 - 3 5 2 5 :: 3 ▣ H
45W	3000K	5290lm	2419	8 4 5 - 3 5 2 8 :: 3 ▣ H
	4000K	1400lm		
	4000K	2790lm		
	4000K	3720lm		
	4000K	5590lm		

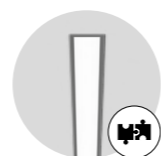
Mounting accessories

CONCRETE INSTALLATION HOUSING

L-W-H (mm)	ORDER CODE
662-75-88	0 4 5 - 3 5 9 2 0 1 0
1262-75-88	0 4 5 - 3 5 9 4 0 1 0
1662-75-88	0 4 5 - 3 5 9 5 0 1 0
2462-75-88	0 4 5 - 3 5 9 8 0 1 0



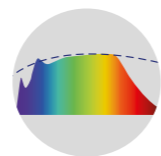
quick installation



system solution (p.936)



dust & splash water protection (IP54)



CRI ≥ 98 XPECTRUM

LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, cover opal

Private Residence Plane House
Skiathos, GR – by K-Studio



ÖBB passage Graz, AT –
by skyline architekten ZT gmbh with lighting design
by ESC engineering Service & Consulting kg



back



BASO 60 IP54

surface

EN Luminaire housing from extruded aluminium profile, angular design; light-tight end caps in aluminium, no visible screws; surface powder coated; suitable for wall or ceiling mounting; luminaire profile (end caps come pre-assembled) can be pre-mounted; remaining luminaire components mounted without tools; closed light insert made of PMMA, consisting of converter unit and circuit board unit; light inset with screwed-on, thus maintenance-friendly, transparent end cap in PMMA; HPO (High Performance Opal) cover for uniform illumination; energy-efficient LEDs with very good colour rendering; IP67 socket connector system for easy and sealed electrical connection

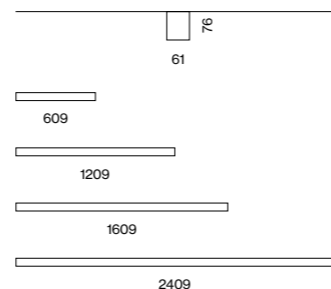
ES Cuerpo de perfil de aluminio con diseño angular; tapa terminal de aluminio con cierre estanco, ningún tornillo visible; superficie con recubrimiento de pintura en polvo; apropiada para montaje en techo y paredes; perfil de luminaria (tapa terminal premontada de fábrica) premontable; resto de componentes luminosos montables sin herramienta; elemento de luz cerrado de PMMA, compuesto de convertidor y pletina; elemento de luz con tapa terminal transparente de metacrilato atornillada y de fácil mantenimiento; difusor opal de alta calidad que proporciona una iluminación uniforme; LEDs de alta eficiencia que proporcionan una alta reproducción cromática; conector con casquillo IP67 para realizar una conexión eléctrica estanca

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 125lm/W
L90 @ 50 000h
DALI-2
opal, IP54

Types

surface



Colours



Light distribution



direct

Order options

IP RATING

IP54

COLOUR TEMPERATURE

3000K	5
4000K	6

CONTROL

DALI-2

MATERIAL COLOUR

- traffic white RAL 9016 7
- umbra grey RAL 7022 D

LIGHT OPTIC COVER

opal high performance

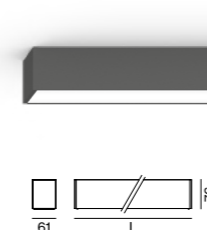
Options on request

COLOUR RENDERING INDEX

- CRI ≥ 90
- CRI ≥ 98 XPECTRUM

MOUNTING

concrete installation housing

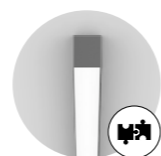
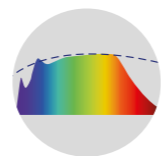


BASO 60 surface



IP54 LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
11.2W	3000K	1320lm	609	8 4 5 - 4 1 2 2 :: 3 H
	4000K	1400lm		
22.4W	3000K	2640lm	1209	8 4 5 - 4 1 2 4 :: 3 H
	4000K	2790lm		
29.9W	3000K	3530lm	1609	8 4 5 - 4 1 2 5 :: 3 H
	4000K	3720lm		
45W	3000K	5290lm	2409	8 4 5 - 4 1 2 8 :: 3 H
	4000K	5590lm		

quick
installationsystem
solution (p.940)dust & splash water
protection (IP54)CRI ≥ 98
XPECTRUM

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal

University Research Institute
Ulm, DE – by bizer architekten



Perfect allrounder



TUBO

EN TUBO places no limits on creativity. Thanks to the height-adjustable cable suspension, the luminaire is particularly popular combined with other TUBO single luminaires for fancy patterns or creative arrangements. Maximum design freedom goes hand in hand with a pleasant room ambiance, as TUBO's characteristic beam angle of up to 340° provides gentle ceiling illumination. TUBO can be used as a pendant luminaire, or as a surface-mounted version for walls and ceilings. Especially in entrance areas, corridors, and public spaces, the luminaire with light colours 3000 K or 4000 K and opal cover provides homogeneous ambient lighting.

ES Con TUBO es posible dar rienda suelta a la creatividad. Gracias a su suspensión de cable dotada de regulación de altura, la luminaria puede combinarse a la perfección con otras luminarias individuales TUBO para crear sistemas únicos o configuraciones creativas. Esa máxima libertad de diseño va acompañada de la obtención de una atmósfera interior agradable, ya que el ángulo de proyección de hasta 340° característico de TUBO genera una suave iluminación del techo. TUBO puede utilizarse no solo como luminaria de suspensión, sino también en una variante de superficie para el montaje en paredes y techos. Sobre todo en áreas de entrada, pasillos y zonas públicas, esta luminaria garantiza un alumbrado general homogéneo con temperaturas de color de 3000 K o 4000 K y difusor opal.

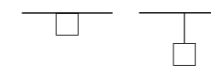
Types



60

100

Mountings



surface

suspended

Light distribution

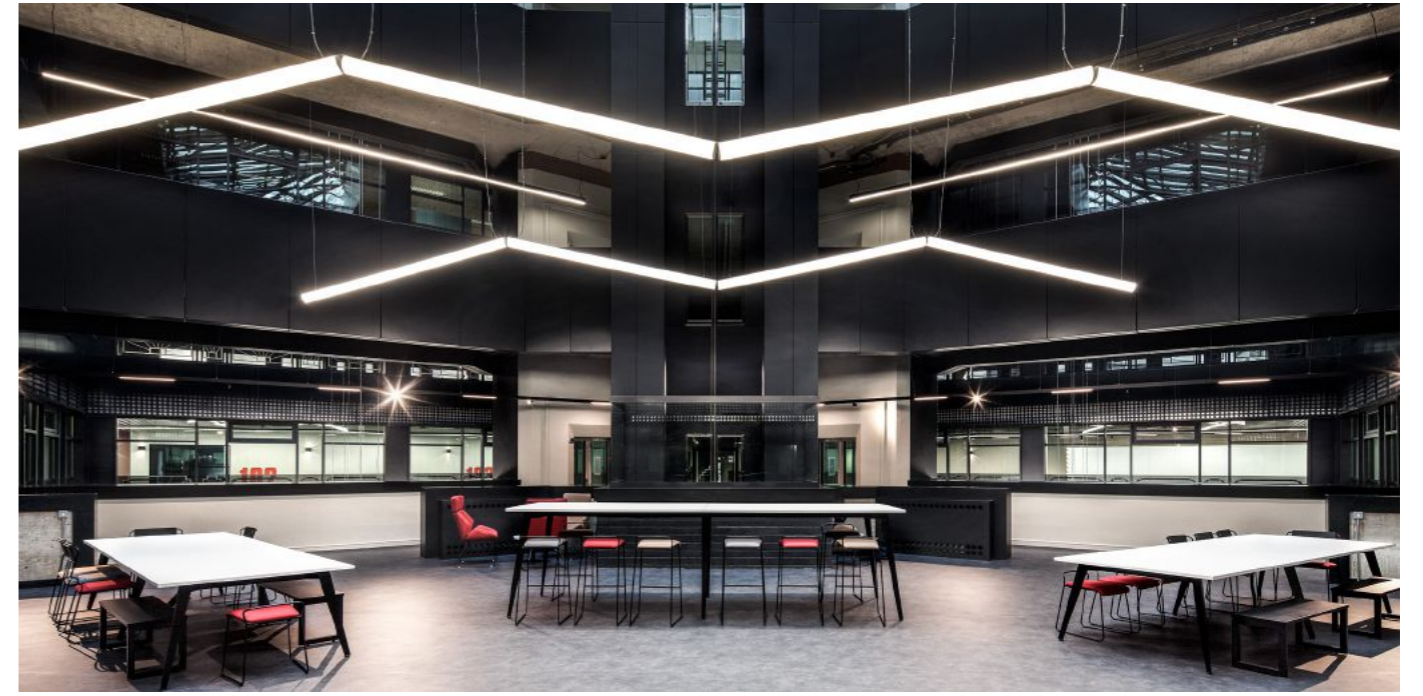
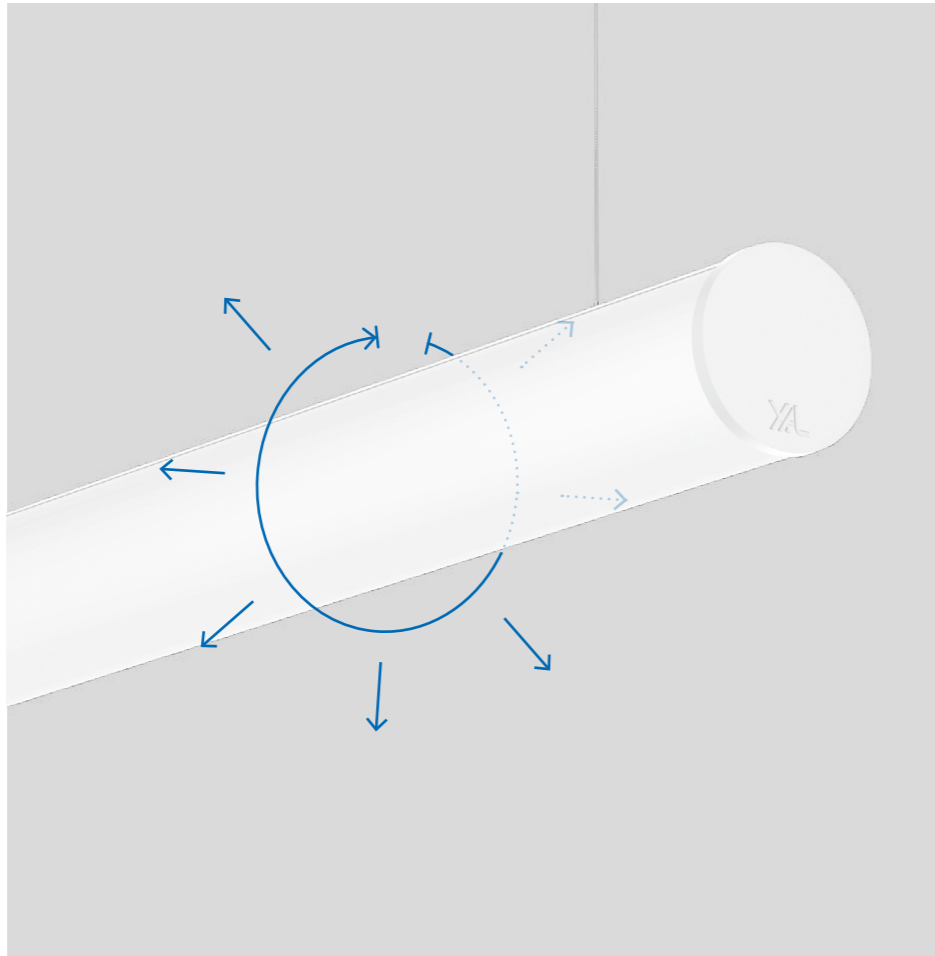


opal

340° light distribution

EN With its 340° beam pattern and opal cover, TUBO delivers homogeneous illumination as well as slight ceiling brightening. This makes the luminaire perfect for places where a pleasant ambient lighting is desired, such as reception areas, corridors, or foyers.

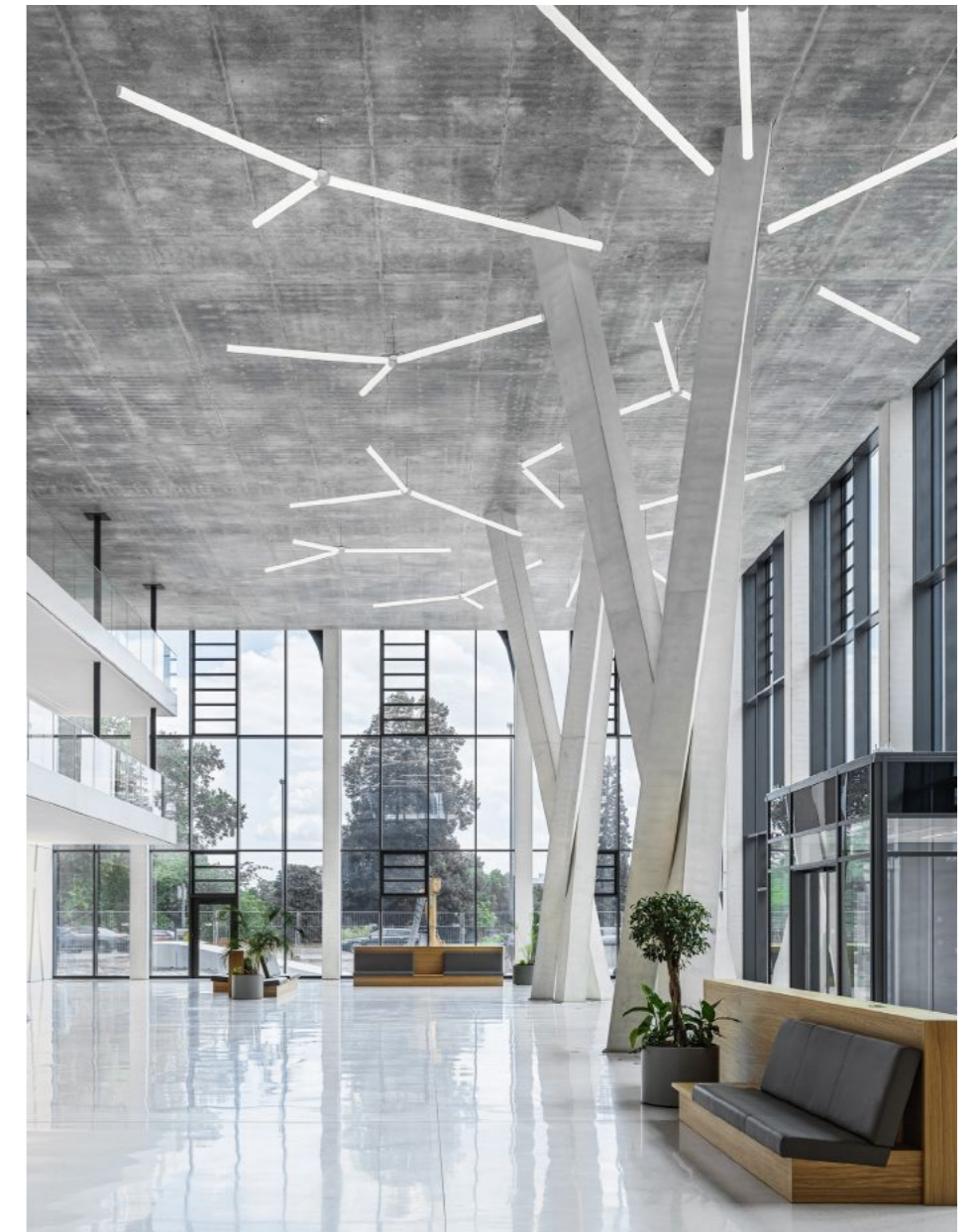
ES Con su ángulo de proyección de 340° y su difusor opal, TUBO ofrece un alumbrado homogéneo unido a una iluminación ligera del techo. Por eso, esta luminaria es perfecta para lugares en los que se desea contar con una iluminación general agradable, como zonas de recepción, pasillos y vestíbulos.



Bespoke arrangements

EN Mounting the pendant luminaire is highly flexible. The height-adjustable cable suspension with a joint allows TUBO to be suspended horizontally, or at an angle at different heights. The luminaire thus offers enormous creative freedom in designing bespoke patterns and unusual light formations.

ES El montaje de la luminaria de suspensión admite múltiples posibilidades. Una suspensión por cable articulada con regulación de altura hace que TUBO pueda suspenderse no solo en horizontal, sino también de forma oblicua a diferentes alturas. Con ello, la luminaria ofrece una gran libertad creativa para el diseño de patrones de luz individuales y configuraciones luminosas originales.



Mounting options

EN TUBO is available in both surface-mounted and pendant versions. It is suitable for mounting on ceilings and walls and supports a room's interior design.

ES TUBO está disponible en una variante de superficie y en una variante suspendida. Es adecuada para el montaje en el techo o en la pared y realza el diseño arquitectónico interior de una sala.

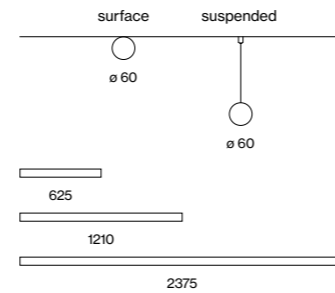
back



Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 114lm/W
L90 @ 50 000h
non DIM, DALI-2
opal

Types



Colour



Light distributions



Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

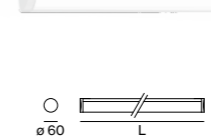
MATERIAL COLOUR

pure white RAL 9010

LIGHT OPTIC COVER

opal

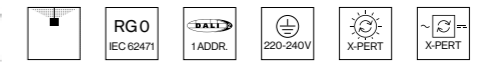
TUBO 60 surface



LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
16.5 W	3000K	1780lm	625	0 5 8 - 3 1 1 2 :: 7 0
	4000K	1880lm		
33 W	3000K	3560lm	1210	0 5 8 - 3 1 1 4 :: 7 0
	4000K	3760lm		
66 W	3000K	7110lm	2375	0 5 8 - 3 1 1 8 :: 7 0
	4000K	7530lm		

TUBO 60 suspended



LUMINAIRE

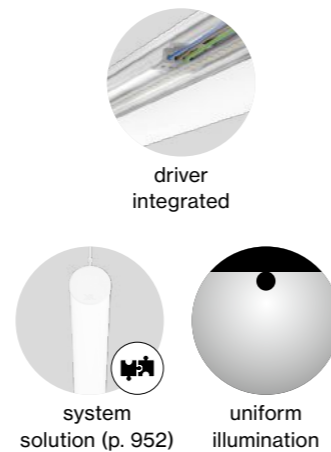
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
16.5 W	3000K	1780lm	625	0 5 8 - 3 2 1 2 :: 7 0
	4000K	1880lm		
33 W	3000K	3560lm	1210	0 5 8 - 3 2 1 4 :: 7 0
	4000K	3760lm		
66 W	3000K	7110lm	2375	0 5 8 - 3 2 1 8 :: 7 0
	4000K	7530lm		

TUBO 60

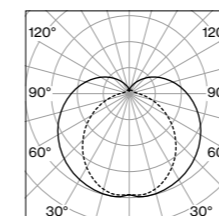
surface / suspended

EN Supporting profile in extruded aluminium; end cap in aluminium; surface powder coated; suitable for wall or ceiling mounting (TUBO 60 surface); surface mounted or suspended luminaire with cable suspension; height adjustment without tools; with transparent feeder cable; light control via high-quality lens system for maximum, homogeneous illumination; completely homogeneously illuminated, cylindrical HPO (High Performance Opal) cover; energy-efficient LEDs with very good colour rendering

ES Perfil soporte fabricado en aluminio; tapas finales de aluminio; superficie con recubrimiento de pintura en polvo; apropiada para montaje en techo y paredes (TUBO 60 surface); lámpara superpuesta o lámpara colgante con cable; altura regulable sin herramientas; incl. cable de alimentación transparente; direccionam. de luz con óptica de lente alta calidad para alumbr. techo máx. y homog.; difusor HPO (High Performance Opal) de alumbrado totalmente homogéneo; LEDs de alta eficiencia que proporcionan una alta reproducción cromática



Light distribution



opal
direct

LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, cover opal



Heidelberg Cement AG Heidelberg, DE –
by Albert Speer + Partner Architekten with lighting
design by Hailight Lichtplanung, Andreas Haidegger



back



TUBO 100

surface / suspended

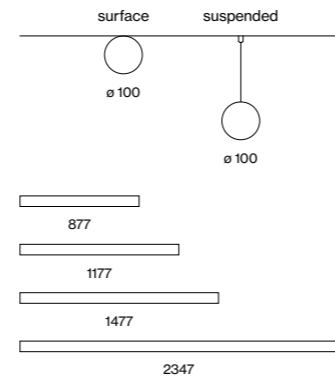
EN Supporting profile in extruded aluminium; end cap in aluminium, no visible screws; powder coated; suitable for wall or ceiling mounting (TUBO 100 surface); surface mounted or suspended luminaire with cable suspension; height adjustment without tools; spring clip attachment to the luminaire; freely positionable; with transparent feeder cable; luminaire profile for mounting available in advance; remaining components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; cylindrical cover made of satinised PMMA for homogeneous illumination; with 340° light emission and light ceiling illumination; energy-eff. LEDs – very good colour rendering

ES Perfil soporte fabricado en aluminio; tapas finales de aluminio sin tornillos visibles; recubierto de polvo; apropiada para montaje en techo y paredes (TUBO 100 surface); lámpara superpuesta o lámpara colgante con cable; altura regulable sin herramientas; fijación en las lámparas por medio de enganches elásticos; ajustable de una manera sencilla; incl. cable de alimentación transparente; Perfil disponible para pre-montaje; los demás componentes se pueden montar sin herramientas; elemento de luz formado por perfil extruido con acabado altamente reflectante para una gestión térmica mejorada; cubierta cilíndrica de PMMA satinada para iluminación homogénea; con 340° de emisión e iluminación de techo; LED energét. efíc. – excelente reprod. crom.

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 138lm/W
L90 @ 50 000h
non DIM, DALI-2
opal

Types



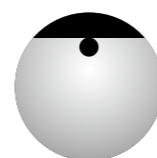
Colour



Light distributions



system
solution (p. 954)



uniform
illumination

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR

○ pure white RAL 9010

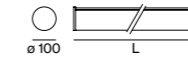
LIGHT OPTIC COVER

opal

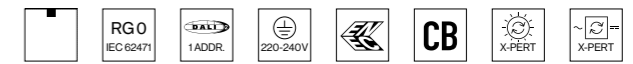
Options on request

CONTROL

Casambi

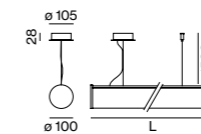


TUBO 100 surface

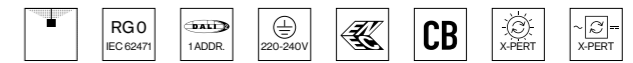


LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
27.5 W	3000K	3580lm	877	058-1133::70
	4000K	3790lm		
37 W	3000K	4770lm	1177	058-1134::70
	4000K	5050lm		
46 W	3000K	5960lm	1477	058-1135::70
	4000K	6310lm		
73 W	3000K	9540lm	2347	058-1138::70
	4000K	10100lm		



TUBO 100 suspended

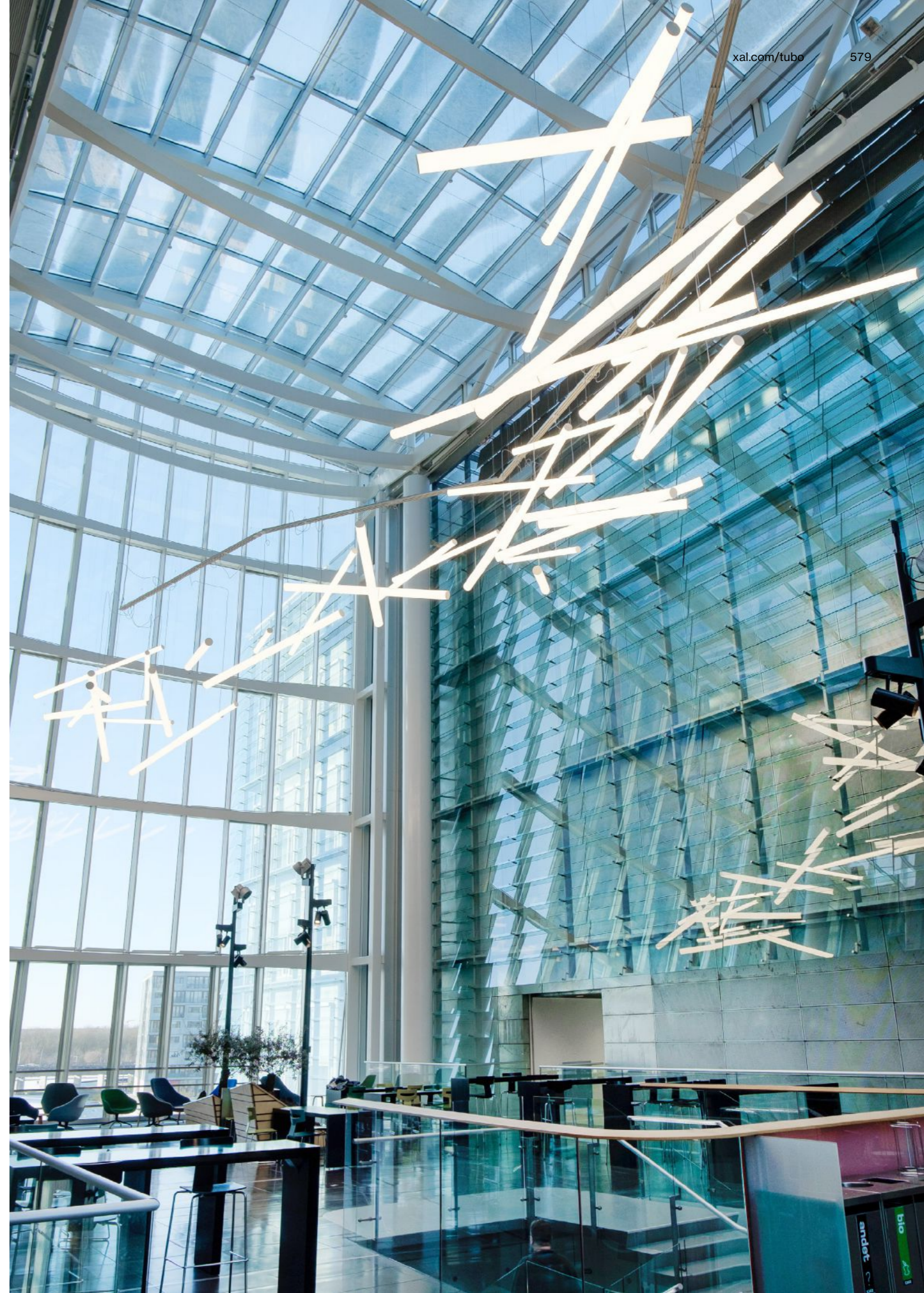
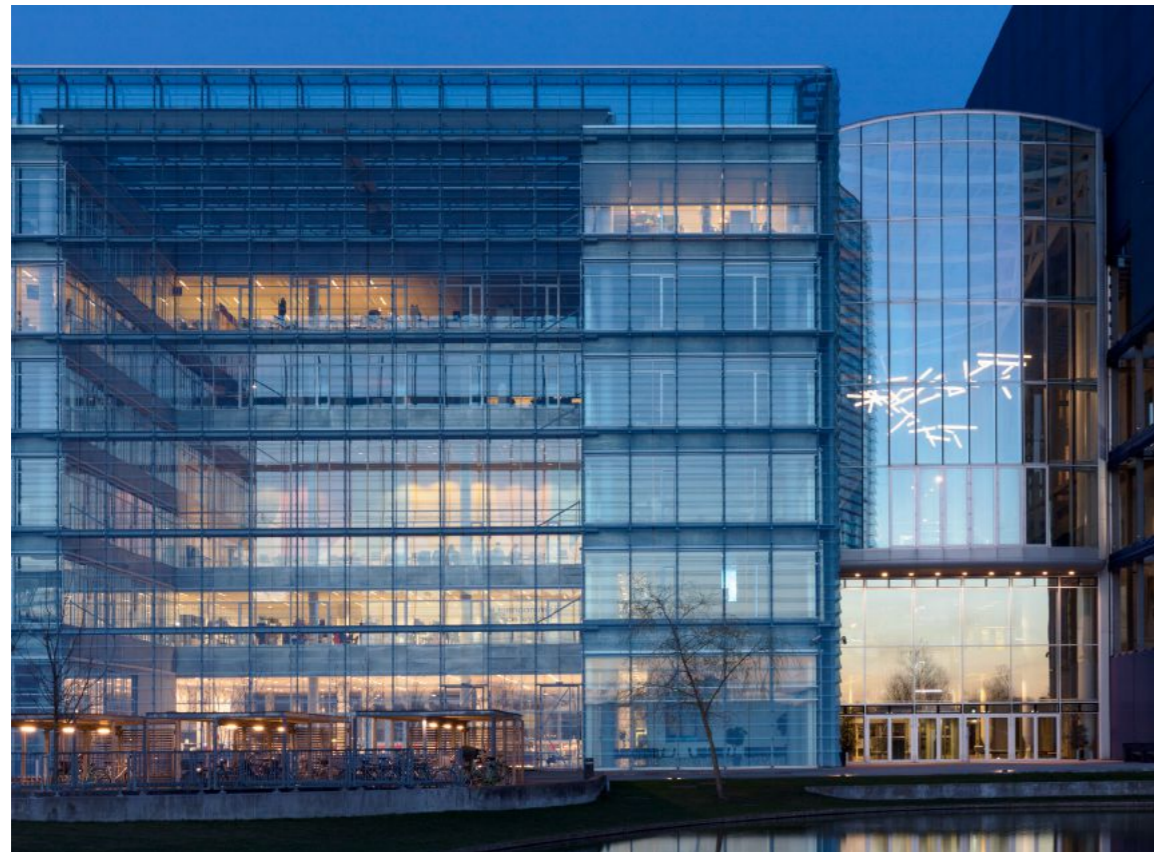
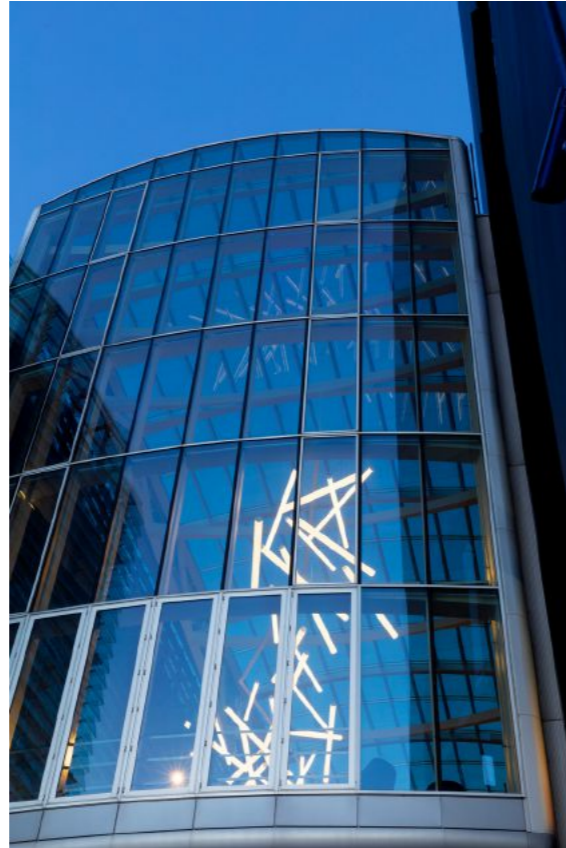


LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
27.5 W	3000K	3580lm	877	058-1233::70
	4000K	3790lm		
37 W	3000K	4770lm	1177	058-1234::70
	4000K	5050lm		
46 W	3000K	5960lm	1477	058-1235::70
	4000K	6310lm		
73 W	3000K	9540lm	2347	058-1238::70
	4000K	10100lm		

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal

DR Byen
Copenhagen, DK –
by Vilhelm Lauritzen Arkitekter
with lighting design by Willerup&Heinsvig



Create light sculptures

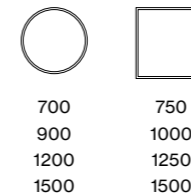


INO

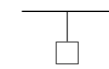
EN A classic in lighting design, redefined. Create exciting, multidimensional light sculptures by combining different INO shapes. INO's lighting characteristics are extraordinary. Light is emitted upwards and downwards through a sole exit surface, surrounding the luminaire like an aura. The circular and square luminaires are mounted horizontally or vertically. INO is available in white, black, and grey, as well as in numerous custom colours. All versions come in the light colours 2700K, 3000K, 4000K, or Tunable White.

ES Todo un clásico en la planificación luminotécnica, ahora redefinido. La combinación de formas geométricas distintas permite crear magníficas esculturas de luz multidimensionales. INO destaca por su modo de proyección: la luz es proyectada hacia arriba y hacia abajo a través de una sola superficie de salida hacia el interior, rodeando la luminaria a modo de aura. Las luminarias cuadradas o circulares pueden montarse en horizontal o en vertical según las preferencias. INO está disponible en blanco, negro, gris y oro, además de otros colores especiales. Todos los modelos pueden suministrarse con temperaturas de color de 2700K, 3000K, 4000K o Tunable White.

Types

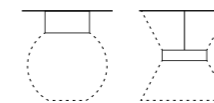


Mounting



suspended

Light distributions



opal

direct
indirect

Light distribution

EN INO's beam characteristics make it unique. It boasts a three-dimensional light-emitting surface that sends light upwards, downwards, and inwards, surrounding the luminaire with an aura. This high-quality luminaire's surroundings are illuminated evenly, while the inside of the ring stays visible even from a distance.

ES INO destaca por su modo de proyección. Una superficie de salida tridimensional hace que la luz se proyecte hacia arriba, hacia abajo y hacia el interior y rodee la luminaria a modo de aura. Su luz de alta calidad ilumina el entorno uniformemente a la vez que mantiene visible la parte interior del anillo.



Geometric variety

EN Discover even more INO design options through different sizes and shapes. The luminaire is available in square and circular versions. Up to four different sizes provide even more creative freedom.

ES Descubra otras posibilidades de diseño con INO utilizando distintos tamaños y formas. La luminaria está disponible como variante cuadrada o circular. Sus cuatro tamaños distintos generan aún más posibilidades de combinación creativas.

Colour variety

EN INO comes in the standard white, grey, or black. Other colours are available, unlocking maximum design freedom for your project. Find out more about our palette at: xal.com/colours

ES INO se suministra en los colores estándar blanco, gris, negro y dorado. También existen otras variantes de color disponibles, lo que proporciona la máxima libertad de diseño para su proyecto. Encontrará más información sobre nuestra paleta de colores en xal.com/colours



xal.com/colours

TW – Tunable White

EN Changes in the colour of light have a substantial effect on our mood. Tunable White allows the colour temperature to be continuously adjusted from 2700 K (warm light) to 6500 K (cool light) to dynamically adapt the lighting to the time of day or ambient brightness.

ES Los cambios de color de la luz tienen un efecto considerable en nuestro estado de ánimo. Tunable White hace posible una modificación continua de la temperatura de color desde 2700 K (luz cálida) hasta 6500 K (luz fría), con el fin de adaptar la iluminación de forma dinámica a la hora del día o a la luminosidad del entorno.

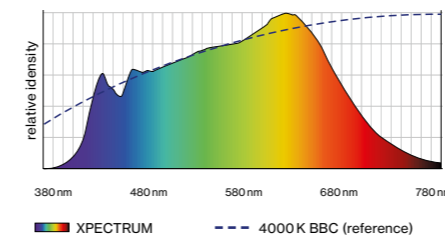


Effective from every perspective

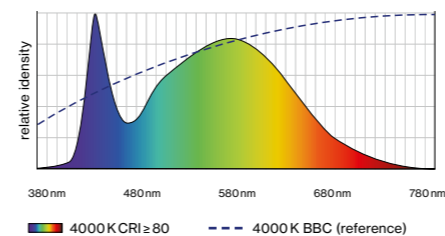
EN INO can be suspended horizontally or vertically from the ceiling. INO offers a range of options for creating bespoke arrangements and effective ceiling and wall sculptures.

ES INO puede suspenderse del techo no solo en horizontal, sino también en vertical. De ese modo, INO permite realizar configuraciones personalizadas y crear llamativas esculturas luminosas en paredes y techos.

XPECTRUM LED



Commercially available LED 4000 K



Full-spectrum LED

EN XAL's new XPECTRUM LEDs deliver healthy, biologically effective light. The reduced blue light and increased cyan values reduce the blue light hazard for the eye to daylight-equivalent levels. The resulting non-visual, so-called melanopic light effect, improves concentration and increases sleep quality. The excellent colour rendering of IES TM 30-15 $R_f=98$ and $R_g=101$ further helps visual comfort.

ES El nuevo LED XPECTRUM de XAL ofrece una luz saludable con efectos biológicos. La menor proporción de luz azul y el aumento de los valores de cian minimizan el riesgo de la incidencia de luz azul en el ojo, manteniéndola a un nivel similar al presente en la luz natural. El efecto no visible resultante, denominado efecto melanópico, fomenta la concentración y mejora la calidad del sueño. Además, su excelente reproducción cromática –con índices $R_f=98$ y $R_g=101$ según la norma IES TM-30-15– garantiza una mayor comodidad visual.

← back



INO circle suspended

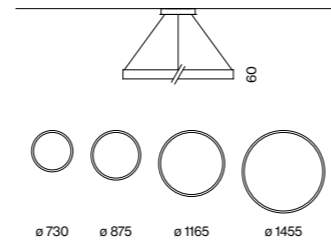
EN Ring shaped luminaire housing from rolled aluminium extruded profile, seamlessly welded; surface powder coated; pendant fitting with cable suspension; height adjustment without tools; with transparent feeder cable; electronic operating unit installed in the canopy; completely homogeneously illuminated, satinised PMMA cover; inwards facing emission characteristics; direct/indirect illumination characteristic for additional emphasis of the ceiling and more visual comfort; energy-efficient LEDs with very good colour rendering; canopy with 2 cable openings and plug-in terminal for through wiring

ES Luminaria con forma de anillo fabricada en aluminio con soldadura de alta calidad; superficie con recubrimiento de pintura en polvo; suspendido con cable; altura regulable sin herramientas; incl. cable de alimentación transparente; driver instalado en el baldaquino; tapa PMMA iluminada homogéneamente con acabado satinado; proyección orientada hacia el interior; iluminación directa/indirecta con un alto confort visual; LEDs de alta eficiencia que proporcionan una alta reproducción cromática; baldaquino con abertura de 2 orificios para integrar el cableado y sencilla conexión

Quickinfo

2700 K, 3000 K, 4000 K
CRI ≥ 80, 3 SDCM
up to 143 lm/W
L90 @ 50 000 h
DALI-2
opal

Types



Colours



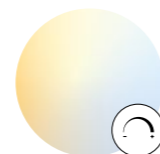
Light distribution



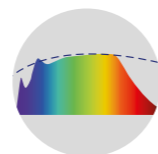
DiiA® standards
251, 252, 253



direct/indirect
illumination



tunable white
2700–6500 K



CRI ≥ 98
XPECTRUM

Order options

SUSPENSION

cable 2000 mm / canopy central

COLOUR TEMPERATURE

2700 K	4
3000 K	5
4000 K	6

CONTROL

DALI-2

MATERIAL COLOUR

○ pure white RAL 9010	7
● white aluminium RAL 9006	G
● jet black RAL 9005	8
● special colours* ● p. 992	X

*canopy always in white

LIGHT OPTIC COVER

opal high performance

Options on request

SUSPENSION

cable 2000 mm

COLOUR RENDERING INDEX

CRI ≥ 90
CRI ≥ 98 XPECTRUM

CONTROL

Casambi

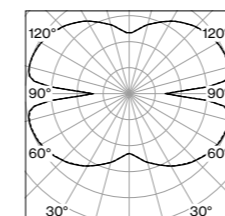
COLOUR TEMPERATURE

tunable white 2700–6500 K
DALI-2 DT8

SHAPES

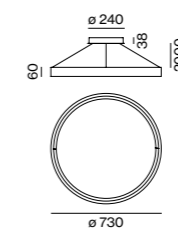
INO trig suspended
INO hex suspended
INO circle vertical suspended

Light distribution



opal high performance
direct/indirect

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal

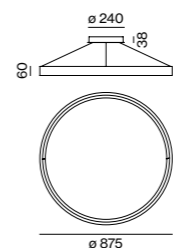


INO 700 circle suspended



DIRECT / INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
32 W	2700 K	4060 lm	0 3 4 - 3 4 1 2 :: 3 H
	3000 K	4310 lm	
	4000 K	4570 lm	

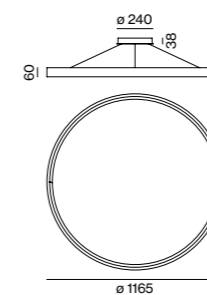


INO 900 circle suspended



DIRECT / INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
39 W	2700 K	4870 lm	0 3 4 - 3 4 1 3 :: 3 H
	3000 K	5180 lm	
	4000 K	5480 lm	

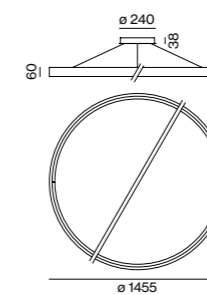


INO 1200 circle suspended



DIRECT / INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
51 W	2700 K	6490 lm	0 3 4 - 3 4 1 4 :: 3 H
	3000 K	6900 lm	
	4000 K	7310 lm	

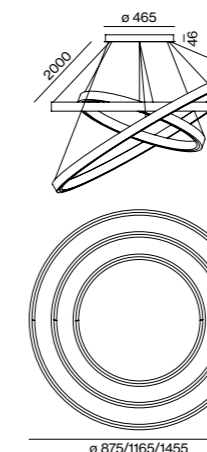


INO 1500 circle suspended



DIRECT / INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
64 W	2700 K	8120 lm	0 3 4 - 3 4 1 5 :: 3 H
	3000 K	8630 lm	
	4000 K	9130 lm	



INO TRIPLE circle suspended



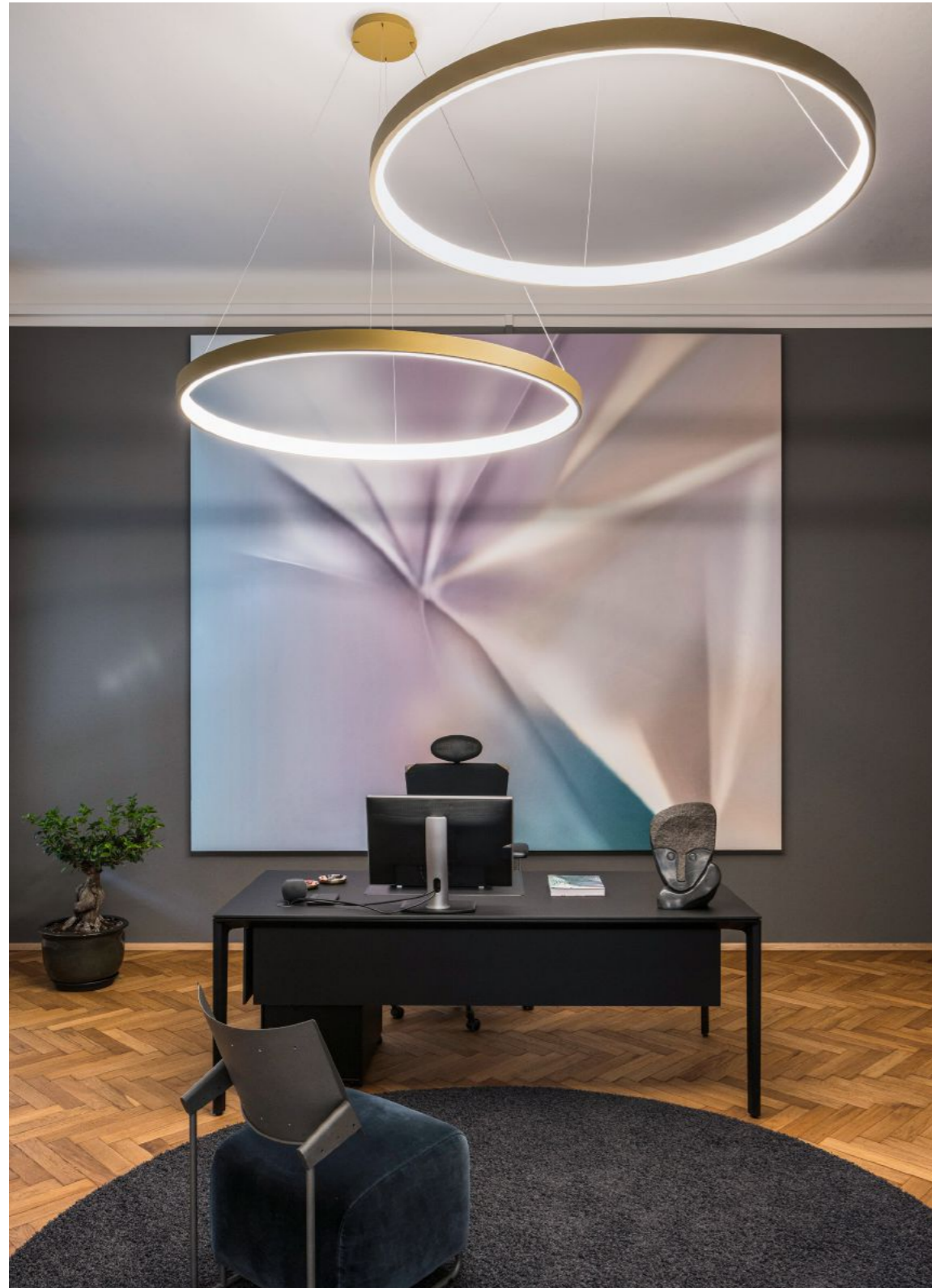
DIRECT / INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
154 W	2700 K	19580 lm	0 3 4 - 3 8 1 5 :: 3 H
	3000 K	20710 lm	
	4000 K	21920 lm	

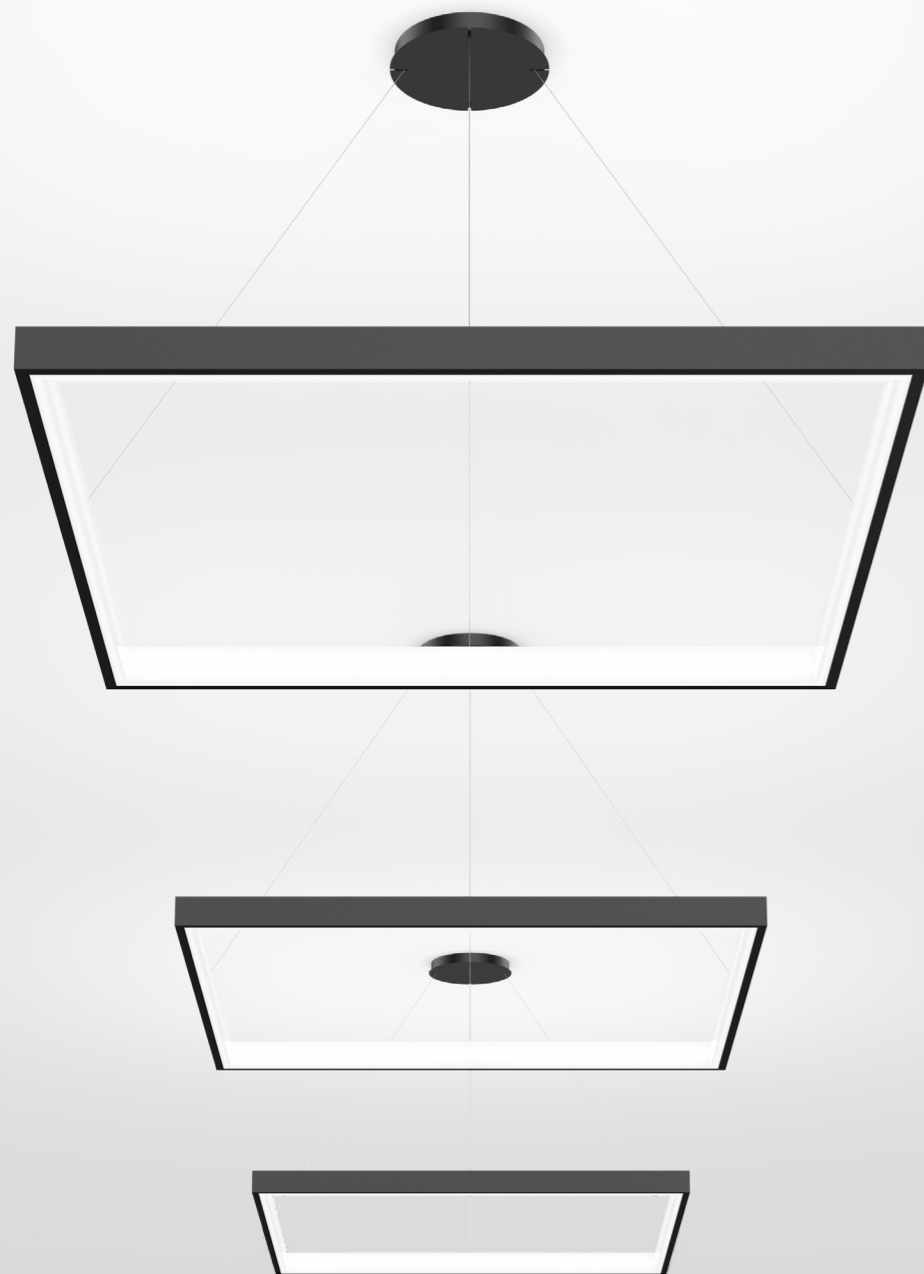
Villa Mayfair Barcelona, ES



PrimeTime Touristik und Marketing GmbH Graz, AT



← back



INO square suspended

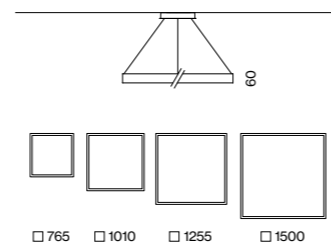
EN Square aluminium luminaire housing; surface powder coated; pendant fitting with cable suspension; height adjustment without tools; with transparent feeder cable; electronic operating unit installed in the canopy; completely homogeneously illuminated, satinised PMMA cover; inwards facing emission characteristics; direct/indirect illumination characteristic for additional emphasis of the ceiling and more visual comfort; energy-efficient LEDs with very good colour rendering; canopy with 2 cable openings and plug-in terminal for through wiring

ES Cuerpo cuadrado de aluminio; superficie con recubrimiento de pintura en polvo; suspendido con cable; altura regulable sin herramientas; incl. cable de alimentación transparente; driver instalado en el baldaquino; tapa PMMA iluminada homogéneamente con acabado sanitado; proyección orientada hacia el interior; iluminación directa/indirecta con un alto confort visual; LEDS de alta eficiencia que proporcionan una alta reproducción cromática; baldaquino con abertura de 2 orificios para integrar el cableado y sencilla conexión terminal

Quickinfo

2700 K, 3000 K, 4000 K
CRI ≥ 80, 3 SDCM
up to 144 lm/W
L90 @ 50 000 h
DALI-2
opal

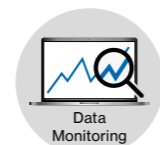
Types



Colours



Light distribution



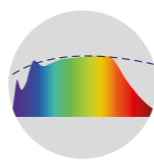
DiiA® standards
251, 252, 253



direct/indirect
illumination



tunable white
2700–6500 K



CRI ≥ 98
XPECTRUM

Order options

SUSPENSION
cable 2000 mm / canopy central

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

CONTROL

DALI-2

MATERIAL COLOUR

○ pure white RAL 9010	7
● white aluminium RAL 9006	G
● jet black RAL 9005	8
● special colours* ● p. 992	X

*canopy always in white

LIGHT OPTIC COVER

opal high performance

Options on request

SUSPENSION

cable 2000 mm

COLOUR RENDERING INDEX

CRI ≥ 90
CRI ≥ 98 XPECTRUM

CONTROL

Casambi

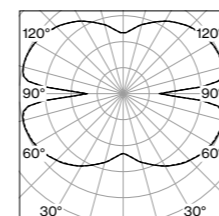
COLOUR TEMPERATURE

tunable white 2700–6500 K
DALI-2 DT8

SHAPES

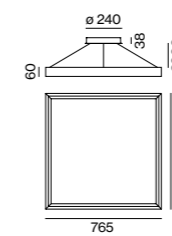
INO trig suspended
INO hex suspended
INO circle vertical suspended

Light distribution



opal high performance
direct/indirect

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal

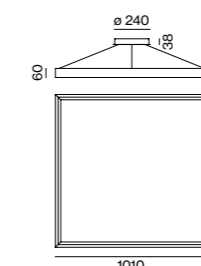


INO 750 square suspended



DIRECT/INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
40 W	2700 K	5120 lm	034-4412::3 H
	3000 K	5440 lm	
	4000 K	5760 lm	

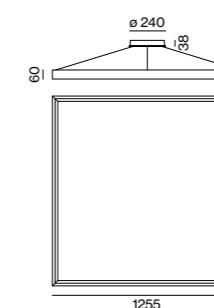


INO 1000 square suspended



DIRECT/INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
54 W	2700 K	6830 lm	034-4413::3 H
	3000 K	7250 lm	
	4000 K	7680 lm	

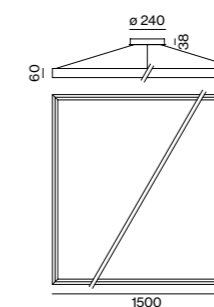


INO 1250 square suspended



DIRECT/INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
67 W	2700 K	8530 lm	034-4414::3 H
	3000 K	9070 lm	
	4000 K	9600 lm	



INO 1500 square suspended



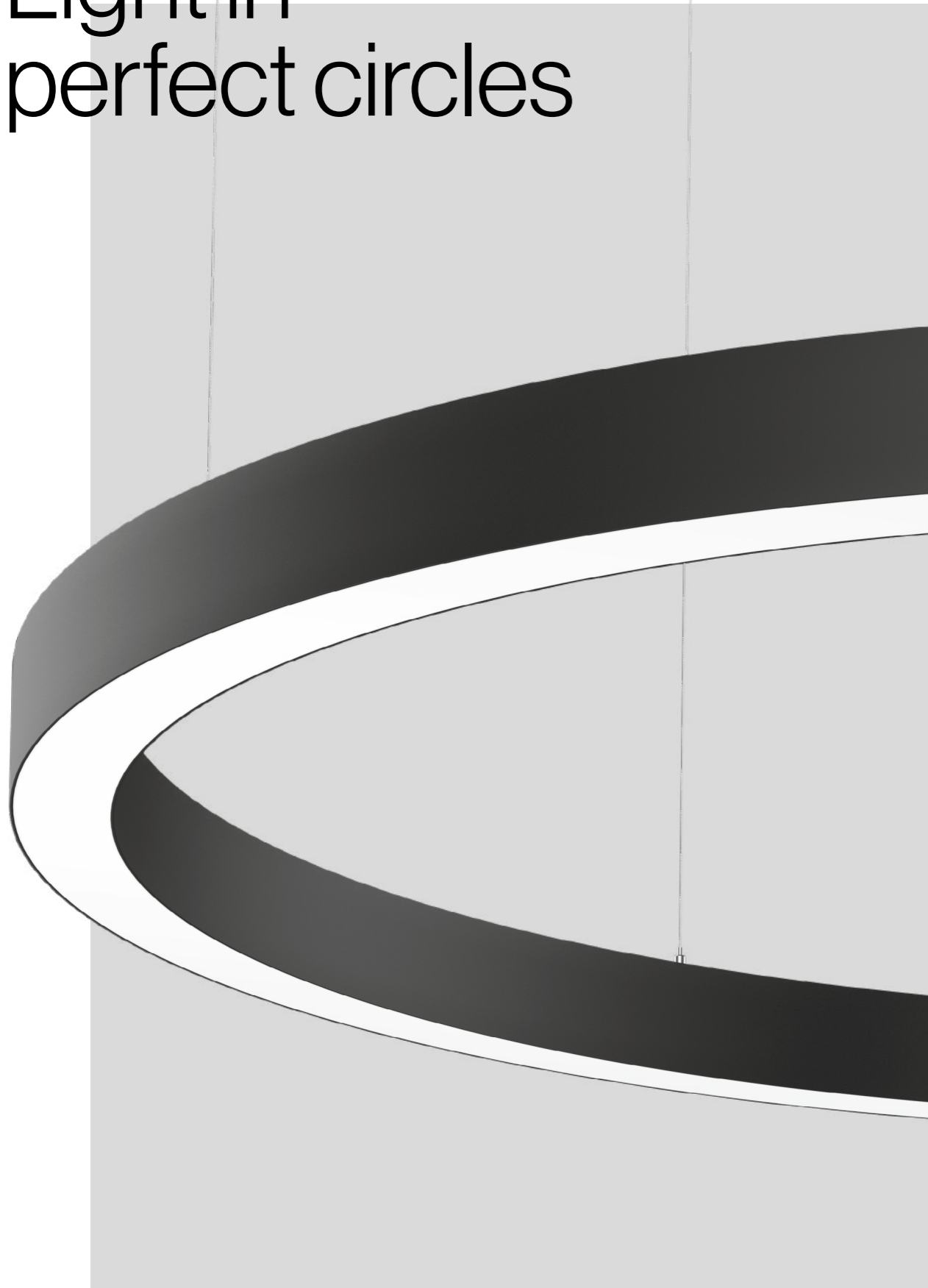
DIRECT/INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
81 W	2700 K	10200 lm	034-4415::3 H
	3000 K	10900 lm	
	4000 K	11500 lm	

Granitlab Coworking
St. Martin im Mühlkreis, AT –
by GHT-Plan GmbH with lighting design
by GHT-Plan GmbH, AREA C.I. Design GmbH



Light in perfect circles

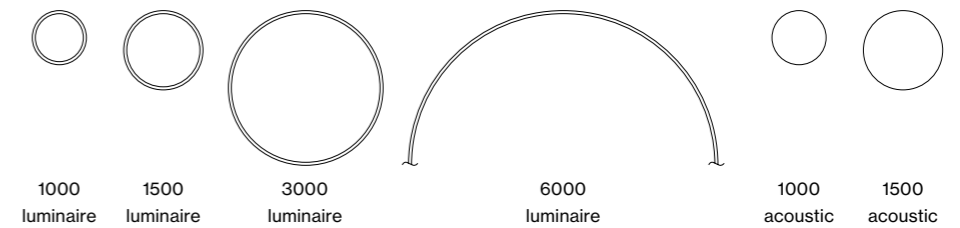


MINO CIRCLE

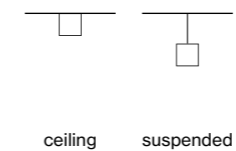
EN Beautiful circular arrangements: The grouping of MINO CIRCLE variants in different sizes and colours creates interesting and fresh ceiling patterns and figures. For optimal room acoustics, the luminaires can be supplemented with highly effective, round acoustic elements. Combine the surface-mounted ceiling and suspended versions, as well as the light colours 3000K and 4000K, for more design variety. MINO CIRCLE with indirect beam patterns provides plenty of light where additional ceiling illumination is required. For homogeneous illumination, choose luminaires with opal covers. The microprismatic cover ensures glare-free lighting.

ES Conjuntos circulares estáticos: la colocación de variantes de MINO CIRCLE en tamaños y colores diversos permite obtener patrones de techo y figuras interesantes. Para una óptima acústica ambiental, los cuerpos luminosos pueden complementarse con elementos acústicos redondos de alta eficacia. Es posible combinar las variantes suspendidas y de montaje en techo con temperaturas de color de 3000K y 4000K para lograr un diseño más variado. Allá donde se desee una iluminación adicional del techo, MINO CIRCLE ofrece luz suficiente con su modo de proyección indirecta. Elija luminarias con difusor opal para un alumbrado general homogéneo. El difusor microprismatico garantiza una luz exenta de deslumbramiento.

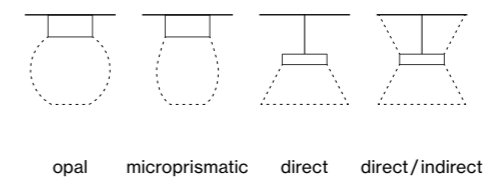
Types



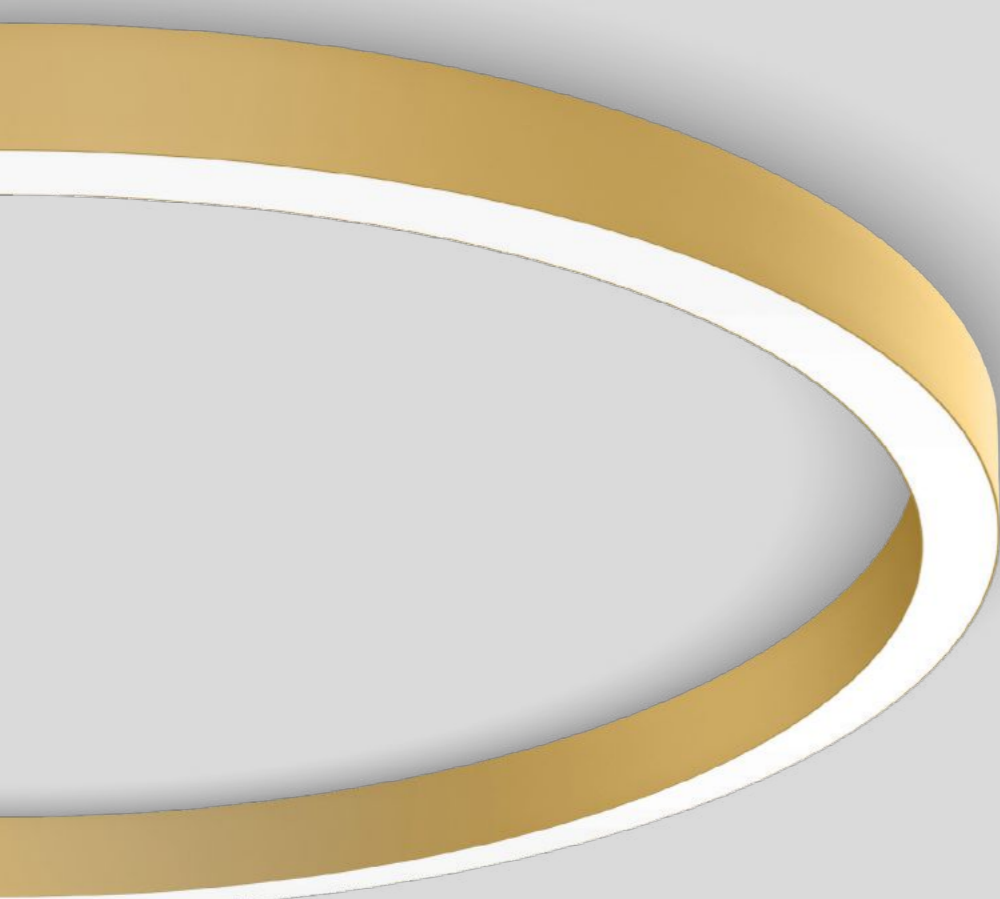
Mountings



Light distributions



← back



MINO CIRCLE

ceiling

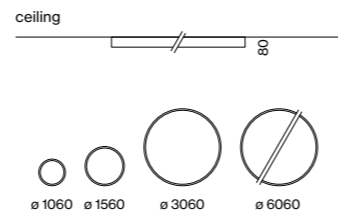
EN Ring shaped luminaire housing from rolled aluminium extruded profile, seamlessly welded; surface powder coated; light inset consisting of highly reflective coated die-cast aluminium for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; sound absorbing elements available; energy-efficient LEDs with very good colour rendering

ES Luminaria con forma de anillo fabricada en aluminio con soldadura de alta calidad; superficie con recubrimiento de pintura en polvo; elemento de luz formado por fundación de aluminio con acabado altamente reflectante para una gestión térmica mejorada; difusor opal de alta calidad que proporciona una iluminación uniforme; cubierta microprismática de PMMA con lámina difusora para la reducción de iluminancia y un alumbrado homogéneo; elementos de absorción acústica disponibles; LEDs de alta eficiencia que proporcionan una alta reproducción cromática

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 up to 123lm/W
 L90 @ 50 000h
 DALI-2
 opal, microprismatic

Types



Luminaire colours



Light distribution



direct

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
DALI-2	

MATERIAL COLOUR	
○ pure white RAL 9010	7
● white aluminium RAL 9006	G
● jet black RAL 9005	8
● special colours p. 992	X

LIGHT OPTIC COVER	
opal high performance	H
microprismatic	Z

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 90	

CONTROL	
Casambi	



MINO 60 CIRCLE 1000 ceiling



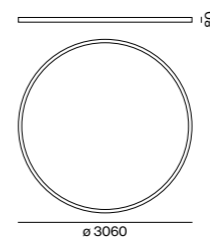
DIRECT			ORDER CODE
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	
65 W	3000 K	7130 lm	0 3 4 - 2 1 1 2 :: 3 ▣ □
	4000 K	7550 lm	



MINO 60 CIRCLE 1500 ceiling



DIRECT			ORDER CODE
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	
99 W	3000 K	11400 lm	0 3 4 - 2 1 1 0 :: 3 ▣ □
	4000 K	12100 lm	

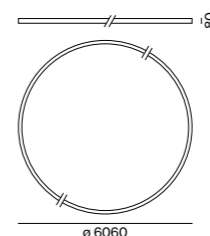


MINO 60 CIRCLE 3000 ceiling



DIRECT			ORDER CODE
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	
198 W	3000 K	23000 lm	0 3 4 - 2 1 1 4 :: 3 7 H
	4000 K	24300 lm	

other configurations see MINO 60 CURVE system



MINO 60 CIRCLE 6000 ceiling

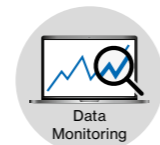


DIRECT			ORDER CODE
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	
396 W	3000 K	45900 lm	0 3 4 - 2 1 1 6 :: 3 7 H
	4000 K	48600 lm	

other configurations see MINO 60 CURVE system

Acoustic elements

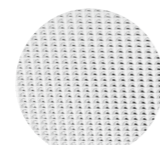
see page 606



DiiA® standards 251, 252, 253



direct/indirect illumination



microprismatic



acoustic elements (p. 606)

LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, cover opal

Private Residence SPV29
Sofia, BG –
by ALL in STUDIO LTD
including lighting design





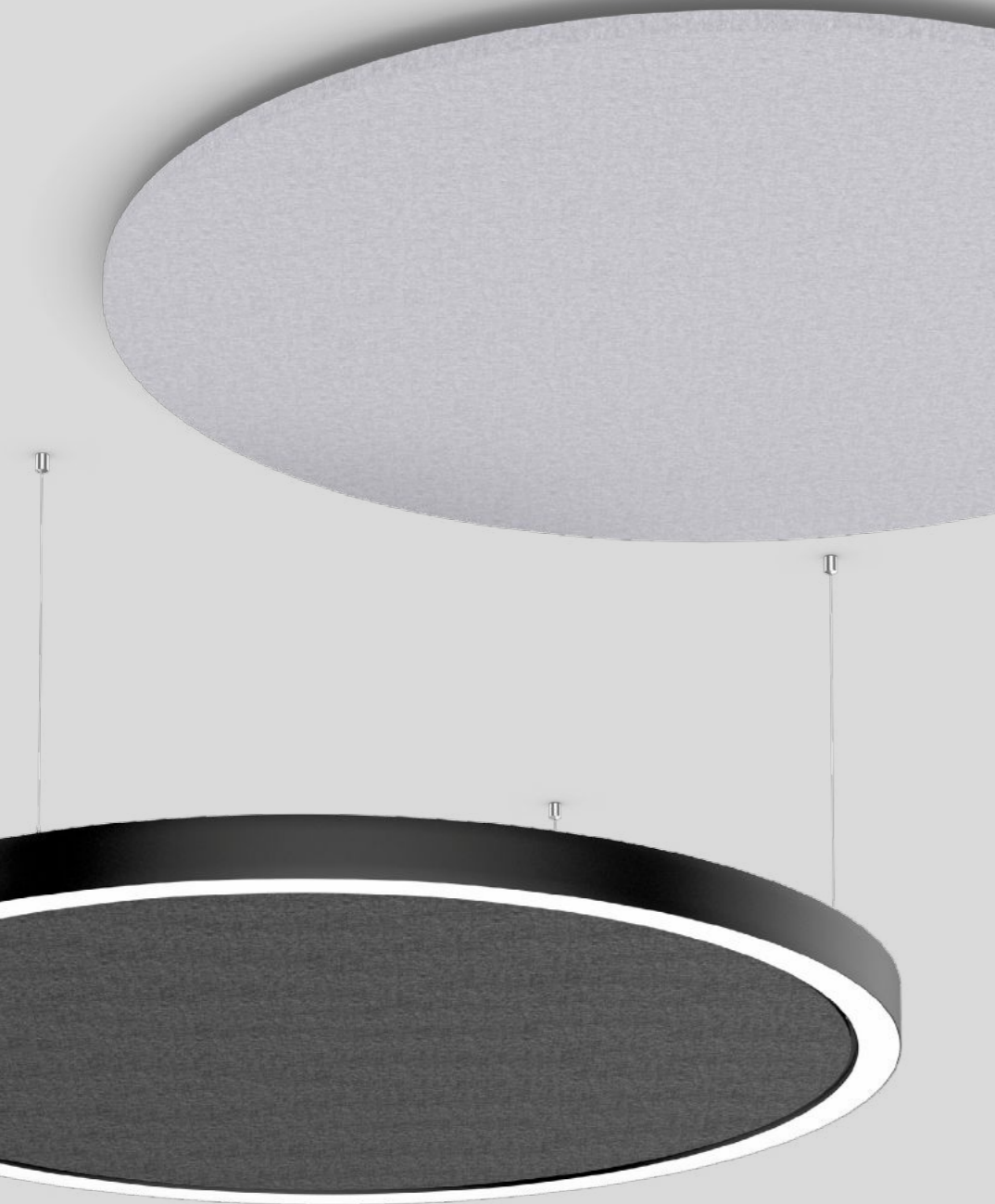
Crown Square's Lobby
Warsaw, PL



Vifor Pharma St. Gallen, CH –
by Aroma Architecture -
Alessandro Nicotra with lighting
design by SLG Lichtdesigner



← back



MINO CIRCLE

acoustic elements

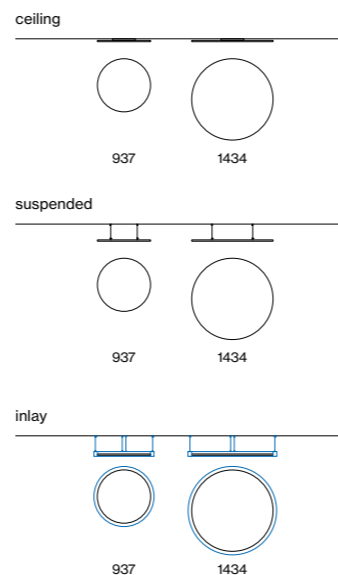
EN Acoustic element made of high-quality, self-supporting, recycled PET felt with sound absorbing properties; round design; high-quality visual and tactile surface; absorption of direct sound and sound reflected from the ceiling; this creates high acoustic performance; for insertion into MINO circle ceiling and MINO circle suspended; or single installation, choice of surface mounted and pendant versions with cable suspension; tool-less suspension height adjustment of the acoustic element

ES Elemento acústico de fieltro PET reciclado y autoportante de calidad superior con propiedades de absorción del sonido; forma redonda; superficie de gran calidad óptica y táctil; absorción del sonido directo y del reflejado por el techo; con ello gran rendimiento acústico; para insertar en MINO circle ceiling y MINO circle suspended; o montaje individual, opcionalmente superpuesto o colgado con cable; ajuste de altura sin herramientas en elemento acústico

Quickinfo

PET felt
 ♻️ from recycled material
 up to absorption class A
 🔥 B-s1, d0

Types

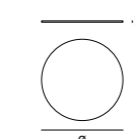
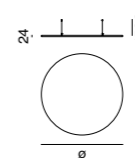
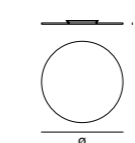


Colours



Order options

MATERIAL COLOUR
 ○ white W
 ● marble grey D
 ● black L
 other colours on request



MINO CIRCLE ACOUSTIC ceiling

ACOUSTIC ELEMENT		
TYPE	Ø-H (mm)	ORDER CODE
1000 ceiling	937-25	034-271111
1500 ceiling	1434-25	034-271211

MINO CIRCLE ACOUSTIC suspended

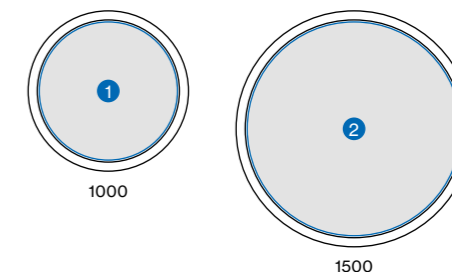
ACOUSTIC ELEMENT		
TYPE	L-W-H (mm)	ORDER CODE
1000 suspended	937-25	034-272111
1500 suspended	1434-25	034-272211

cable suspension 1500 mm

MINO CIRCLE ACOUSTIC inlay

ACOUSTIC ELEMENT		
TYPE	L-W-H (mm)	ORDER CODE
1 MINO circle 1000	937-25	034-270111
2 MINO circle 1500	1434-25	034-270211

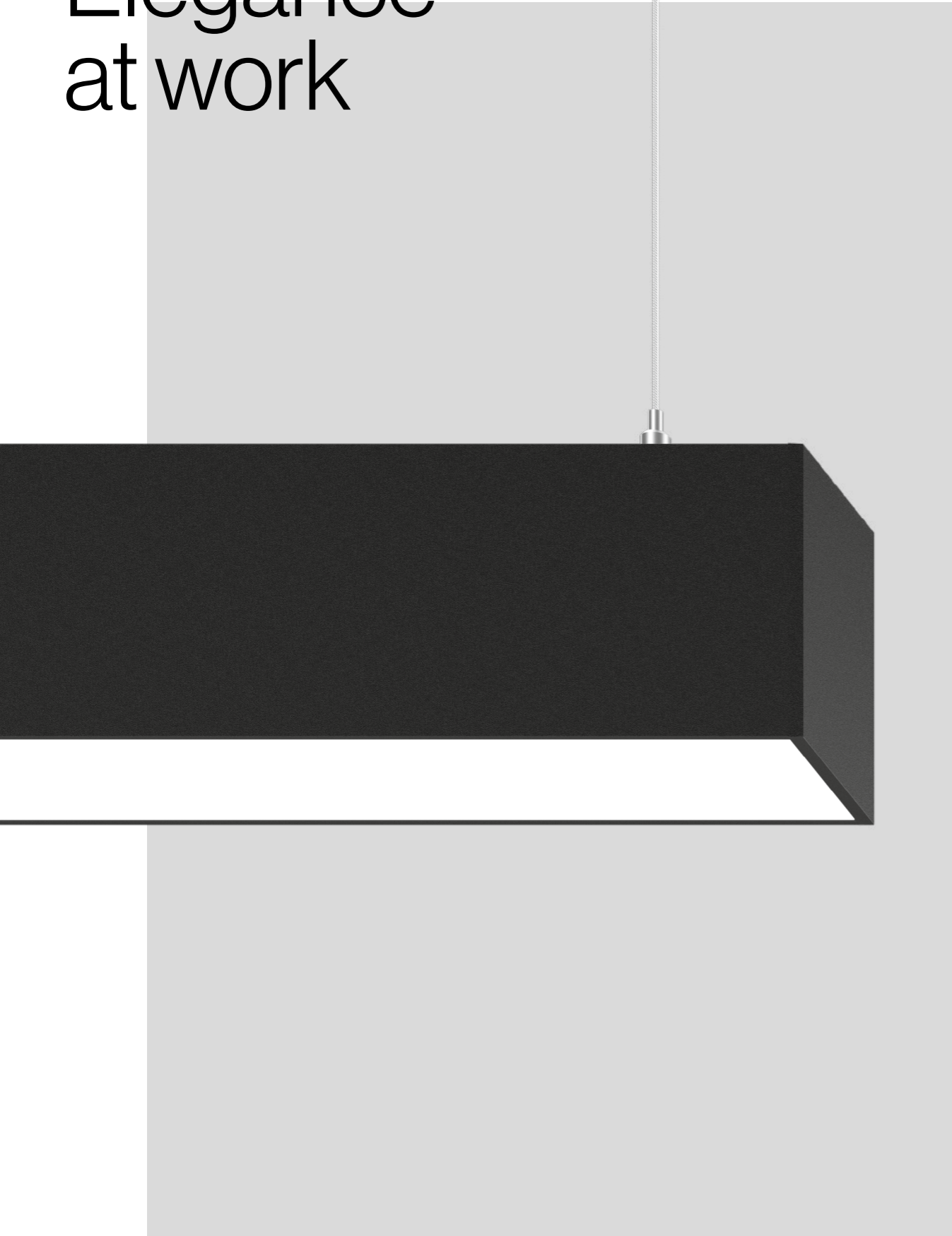
only in combination with MINO 60 CIRCLE ceiling or MINO 60 CIRCLE suspended; acoustic inlay for MINO 60 CIRCLE suspended with central canopy on request;



Planday Copenhagen, DK –
lighting design by anker & co



Elegance at work



LITO

EN LITO is a versatile, elegant, and strikingly slim office luminaire. It is available in three standard colours: white, black, and grey. The available versions comply with the standard specifications for workstations. LITO with a microprismatic cover ensures homogeneous illumination, while the reflector version with faceted optics casts directed, glare-free light onto the work surface. LITO comes with a 170° wide beam indirect light to provide pleasant ceiling illumination. Optionally equipped with a brightness & presence sensor, LITO reacts dynamically to people in the office and changing daylight. This generates a friendly working environment and saves energy.

ES Con sus dos anchuras, tres colores estándar (blanco, negro, gris), LITO es una luminaria de oficina versátil, elegante y llamativamente esbelta. Las versiones disponibles cumplen la normativa para puestos de trabajo: LITO con difusor microprismático garantiza un alumbrado homogéneo, mientras que la versión de reflector con óptica facetada dirige una luz concentrada y antideslumbrante a la superficie de trabajo. Para una iluminación agradable del techo, LITO se suministra con una proporción de luz indirecta dotada de un ángulo de apertura de 170°. Equipada opcionalmente con un sensor de luminosidad y presencia, LITO se adapta dinámicamente a las personas en la oficina y a la cambiante luz diurna, lo cual genera un entorno de trabajo agradable y hace posible un ahorro de energía.

Type



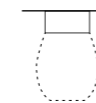
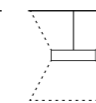
60

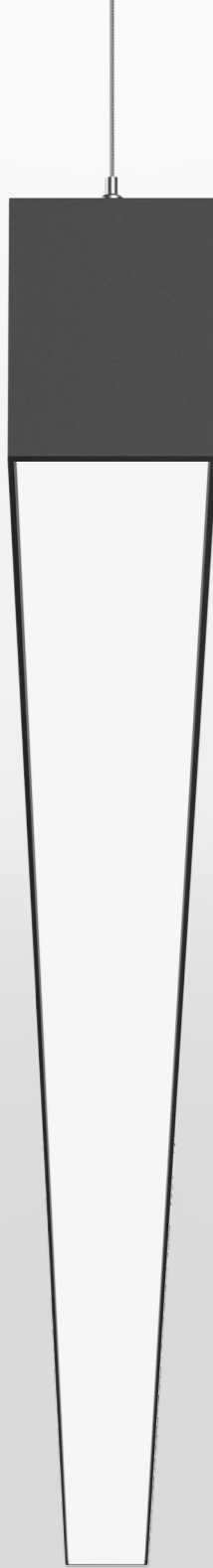
Mounting



suspended

Light distributions

microprismatic
(UGR ≤ 19)direct
indirect



LITO 60

suspended

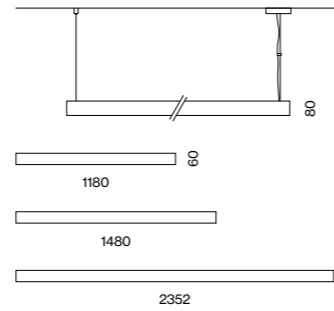
EN Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated; suspended; with integrated tool-less suspension height adjustment; spring clip attachment to the luminaire; freely positionable; with transparent feeder cable; light inset made from extruded profile for improved thermal management; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; direct / indirect light distribution; indirect light component with integrated PC boards for maximum, homogeneous ceiling illumination; energy-efficient LEDs with very good colour rendering

ES Cuerpo de perfil de aluminio con diseño angular; sin tornillos visibles; superficie con recubrimiento de pintura en polvo; suspensión por cable; altura regulable sin herramienta; fijación en la luminaria con enganches elásticos; libre posicionamiento; con cable de alimentación transparente; inserto luminoso de perfil extruido para una mejor gestión del calor; cubierta microprismática de metacrilato con lámina difusora para la reducción de iluminancia y un alumbrado homogéneo; proyección directa/indirecta; componente de luz indirecta con pletinas propias para una iluminación de techo máxima y homogénea; LEDs de alta eficiencia con muy buena reproducción cromática

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 116lm/W
L90 @ 50 000h
non DIM, DALI-2
brightness & presence sensor
microprismatic (UGR ≤ 19)

Types



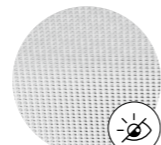
Colours



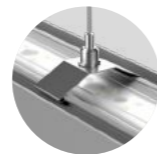
Light distribution



DiiA® standards
251, 252, 253



microprismatic
(UGR ≤ 19)



suspension freely
positionable



170° indirect
illumination

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3
ESSENTIAL sensor (brightness & presence)	7

MATERIAL COLOUR	
○ pure white RAL 9010	7
● white aluminium RAL 9006	G
● jet black RAL 9005	8

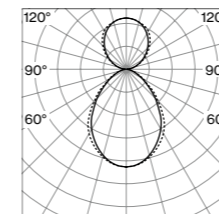
LIGHT OPTIC COVER
microprismatic (UGR ≤ 19)

Options on request

COLOUR RENDERING INDEX
CRI ≥ 90

CONTROL
dynamic daylight control

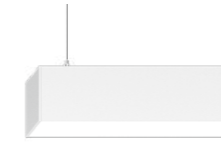
Light distribution



microprismatic
direct / indirect

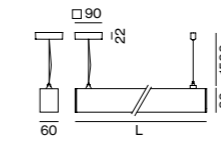
LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover microprismatic

LITO 60 suspended

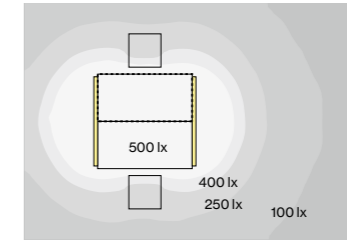


DIRECT / INDIRECT

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
41W	3000K ↓ 2610 / ± 1880lm 4000K ↓ 2760 / ± 1990lm		1180	0 4 6 - 5 2 2 4 :: ▢ ▣ ▤ ▥ ▦ ▧ ▨ ▩
51W	3000K ↓ 3260 / ± 2350lm 4000K ↓ 3450 / ± 2480lm		1480	0 4 6 - 5 2 2 5 :: ▢ ▣ ▤ ▥ ▦ ▧ ▨ ▩
82W	3000K ↓ 5220 / ± 3750lm 4000K ↓ 5520 / ± 3980lm		2352	0 4 6 - 5 2 2 8 :: ▢ ▣ ▤ ▥ ▦ ▧ ▨ ▩



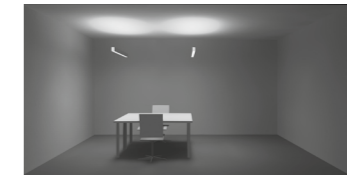
Technical data



LITO 60 suspended, 51W, 4000K
direct / indirect

ROOM VALUES
Room dimensions 5.4 × 4 × 2.8m
Reflection factor 0.7 | 0.5 | 0.2
Maintenance factor 0.8
Mounting height 2.25m

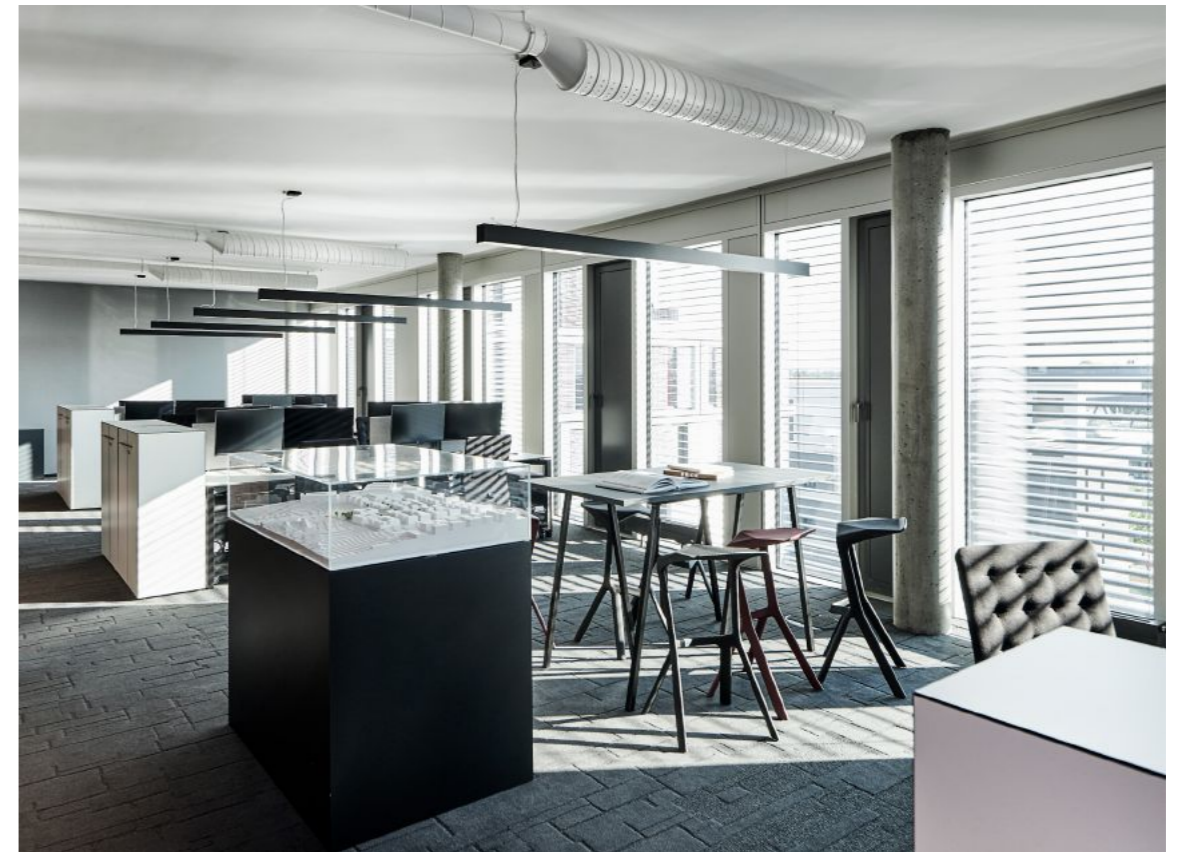
CALCULATION SURFACE
Surface dimensions 1.6 × 0.8
Surface height 0.75
Average illuminance (E_m) > 500lx
Uniformity (U_0) > 0.6



GLARE EVALUATION
Table Classification X=4H | Y=8H | S=0.25H
UGR transversal ≤ 19
UGR axial ≤ 19



Deutsche Wohnwerte GmbH & Co. KG
Heidelberg, DE - by brandherm + krumrey
with lighting design by notholt lighting design



Enlightened by acoustics

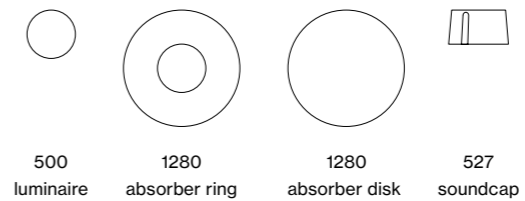


SONIC

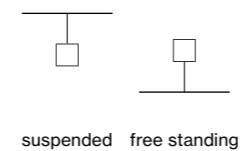
EN SONIC optimises lighting and room acoustics in one. The optional absorber elements emphasise the luminaire's modern design and ensure a pleasant acoustic environment. Alternatively, you can combine SONIC with sound-absorbing luminaire shades in 14 different colours. The cover with embossed microprisms promises outstanding lighting quality and workplace-friendly light. SONIC is available in the light colours 3000K or 4000K, and can be selected with a brightness and movement sensor, allowing the luminaire to react actively and energy-efficiently to its environment.

ES SONIC le permite optimizar la iluminación y la acústica ambiental de con un único producto. Los elementos acústicos opcionales acentúan el diseño moderno de la luminaria y garantizan un entorno acústico agradable. SONIC también puede combinarse con pantallas acústicas disponibles en 14 colores distintos. El difusor microprismático garantiza una excelente calidad luminosa y una iluminación apta para puestos de trabajo. SONIC está disponible en temperaturas de color de 3000K o 4000K y también puede seleccionarse con un sensor de luminosidad y movimiento para que la luminaria reaccione a su entorno de un modo activo y energéticamente eficiente.

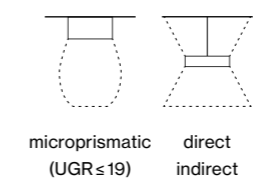
Types



Mountings



Light distributions





C&P Immobilien AG headquarters
Graz, AT – by INNOCAD Architektur ZT



Secure Link Antwerp, BE –
by PROJECTARCHITECTUUR
including lighting design



**DocSander - Dentist Practice
Room** Munich, DE –
by architopia_christine detering
gramming Architekten



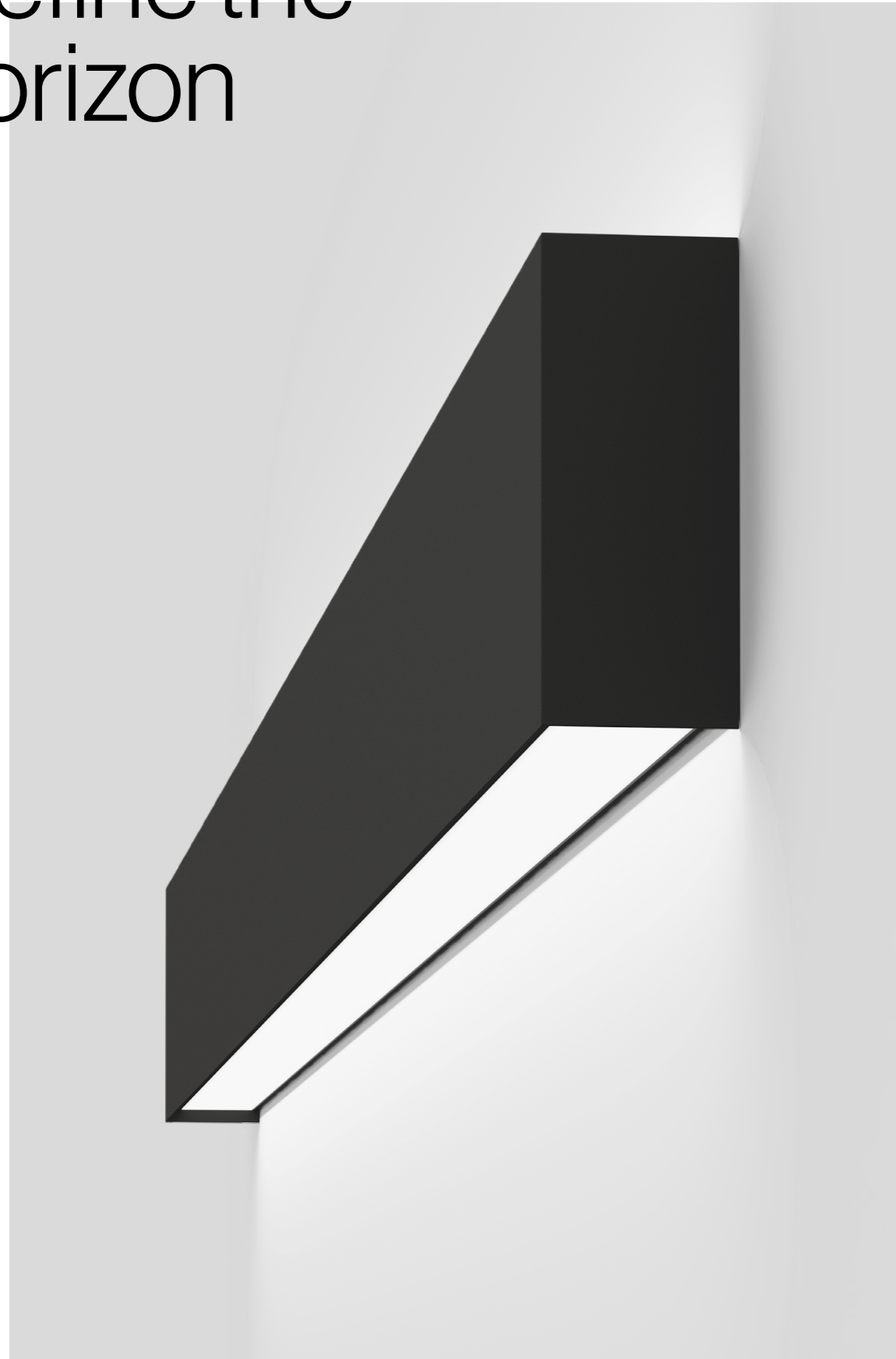
Lotus Bakeries Baar, CH –
lighting design by Lilarosso



Borealis AG Vienna, AT –
by burghardt zt gesmbh



Define the horizon

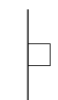


LINEA

EN Elegant room accentuation, highest performance. LINEA is a reduced, convertible luminaire for stylish wall, floor, and ceiling illumination. The extraordinarily narrow wall profile is completed by various lighting insets. Different beam patterns can be easily combined. For example, an opal cover for homogeneous illumination and asymmetrical illumination for brightening floors or ceilings. Spotlights can be chosen for elegant accentuation or as reading lights. LINEA is available as an individual decorative luminaire in different lengths. Choose between white, black, and special colours for the profile. The inserts optionally have a colour rendering of up to $CRI \geq 98$. In addition, the light inserts themselves can be selected in the light colours 2700K, 3000K, 4000K, or as a Tunable White option.

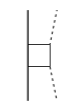
ES Acentuación elegante del espacio y el máximo rendimiento: LINEA es una luminaria minimalista pero versátil, apta para la iluminación refinada de paredes, suelos y techos. El perfil extraordinariamente estrecho se completa con diversos elementos de luz. La fijación a la cara superior y/o inferior del perfil se realiza magnéticamente, por lo que las ópticas pueden cambiarse con toda facilidad. Es posible combinar entre sí distintos modos de proyección, por ejemplo, utilizando un difusor opal para un alumbrado homogéneo, un Wall Grazer para la acentuación de paredes o la iluminación asimétrica para el tamizado de suelos o techos. Pueden elegirse spots para una acentuación elegante o como luz de lectura. LINEA se ofrece en distintas longitudes como luminaria modular decorativa. Los perfiles están disponibles en color blanco, negro y colores especiales. Los insertos luminosos ofrecen una reproducción cromática de hasta $IRC \geq 98$. Además, estos elementos pueden elegirse en temperaturas de color de 2700K, 3000K, 4000K o como opción Tunable White.

Mounting

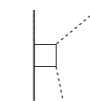


wall

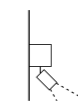
Light distributions



opal
opal

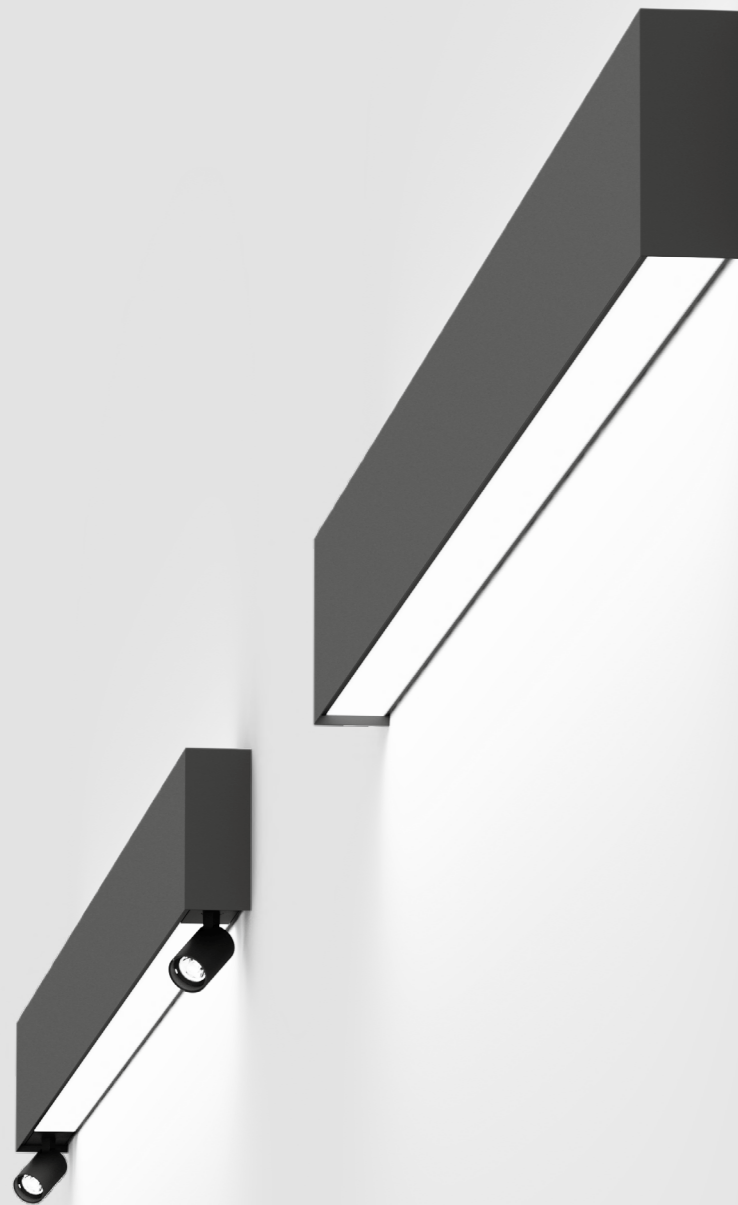


asymmetric
opal



spot

← back



LINEA

wall

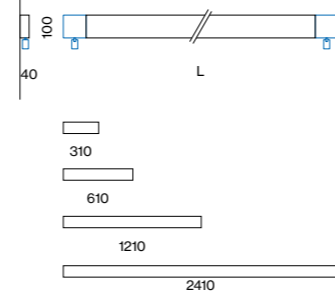
EN Luminaire housing and front cover from extruded aluminium profile, angular version; no visible screws; surface powder coated; suitable for wall mounting; homogeneous wall or ceiling illumination through uniform direct/indirect light distribution; HPO (High Performance Opal) cover for uniform illumination; or with specially computed, asymmetrical lens for homogeneous lighting intensity (installation optionally for floor or ceiling illumination); energy-efficient LEDs with very good colour rendering; optionally with switch for the JUST 26 spotlight modules

ES Cuerpo de lámpara y cubierta frontal de perfil extrusionado de aluminio, versión poligonal; sin tornillos visibles; superficie con recubrimiento de pintura en polvo; apropiada para montaje pared; iluminación homogénea de la pared o bien del techo mediante distribución uniforme directa/indirecta de la luz; difusor opal de alta calidad que proporciona una iluminación uniforme; o con lente asimétrica de cálculo especial para intensidades luminosas homogéneas (montaje para la iluminación del suelo o del techo); LEDs de alta eficiencia que proporcionan una alta reproducción cromática; opcionalmente con interruptor para insertos de foco JUST 26

Quickinfo

3000K, 4000K, TW
 CRI ≥ 90, 3 SDCM
 up to 117lm/W
 L85 @ 50 000 h
 non DIM, DALI-2

Types



Colours



Light distributions



asym./ opal/ opal/ opal opal spot

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6
tunable white 2700–5000K*	D
*available from L 610 mm DALI-2 DT8	

CONTROL	
non DIM	1
non DIM/ switch (only spotlights)	2
DALI-2	3
DALI-2/ switch (only spotlights)	4

MATERIAL COLOUR	
<input type="radio"/> pure white RAL 9010	7
<input checked="" type="radio"/> jet black RAL 9005	8

SPOTLIGHT ALIGNMENT	
left	B
right	C
left and right	
spotlight(s) only with 3000K	

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 98 XPECTRUM	

COLOUR TEMPERATURE	
2700K	

MATERIAL COLOUR	
special colours	

LINEA wall



↓ OPAL HIGH PERFORMANCE / ↑ OPAL HIGH PERFORMANCE

SYS. POWER	COLOUR TEMP.	LUMINOUS FLUX	L (mm)	ORDER CODE
14.7W	3000K	↓ 648/↑ 648lm	310	058-6171::↓↑AH
	4000K	↓ 715/↑ 715lm		
29.3W	3000K	↓ 1300/↑ 1300lm	610	058-6172::↓↑AH
	4000K	↓ 1430/↑ 1430lm		
59W	3000K	↓ 2590/↑ 2590lm	1210	058-6174::↓↑AH
	4000K	↓ 2860/↑ 2860lm		
111W	3000K	↓ 5190/↑ 5190lm	2410	058-6178::↓↑AH
	4000K	↓ 5720/↑ 5720lm		



↓ OPAL HIGH PERFORMANCE / ↑ ASYMMETRIC

SYS. POWER	COLOUR TEMP.	LUMINOUS FLUX	L (mm)	ORDER CODE
14.7W	3000K	↓ 648/↑ 821lm	310	058-6171::↓↑AA
	4000K	↓ 715/↑ 906lm		
29.3W	3000K	↓ 1300/↑ 1640lm	610	058-6172::↓↑AA
	4000K	↓ 1430/↑ 1810lm		
59W	3000K	↓ 2590/↑ 3280lm	1210	058-6174::↓↑AA
	4000K	↓ 2860/↑ 3620lm		
111W	3000K	↓ 5190/↑ 6570lm	2410	058-6178::↓↑AA
	4000K	↓ 5720/↑ 7250lm		



↓ OPAL HIGH PERFORMANCE / 1 SPOTLIGHT

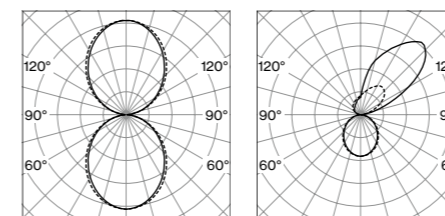
SYS. POWER	COLOUR TEMP.	LUMINOUS FLUX	L (mm)	ORDER CODE
29.3W	3000K	↓ 1300/↑ 1300lm	710	058-6172::↓↑H
	4000K	↓ 1430/↑ 1430lm		
59W	3000K	↓ 2590/↑ 2590lm	1310	058-6174::↓↑H
	4000K	↓ 2860/↑ 2860lm		
111W	3000K	↓ 5190/↑ 5190lm	2510	058-6178::↓↑H
	4000K	↓ 5720/↑ 5720lm		



↓ OPAL HIGH PERFORMANCE / 2 SPOTLIGHTS

SYS. POWER	COLOUR TEMP.	LUMINOUS FLUX	L (mm)	ORDER CODE
59W/2x6W	3000K	↓↑ 2590/3280lm	1410	058-6174::↓↑DH
	4000K	↓↑ 2860/3620lm		
111W/2x6W	3000K	↓↑ 5190/6570lm	2610	058-6178::↓↑DH
	4000K	↓↑ 5720/7250lm		

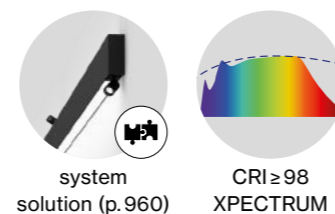
Light distributions



↓ opal high performance
 ↑ opal high performance

↓ opal high performance
 ↑ asymmetric

LUMINOUS FLUX value calculated for CRI ≥ 90, colour white, cover opal





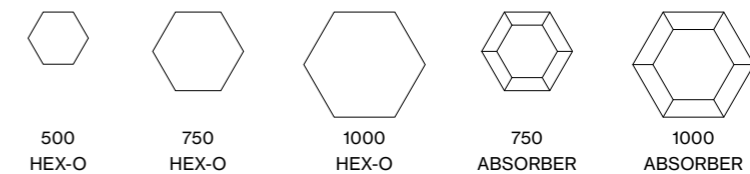
Shaping the office environment

HEX-O

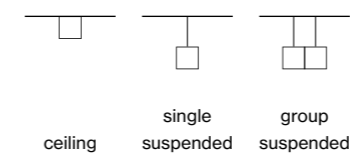
EN HEX-O is a sculptural light acoustics solution that features a modern design and fulfils two essential functions: lighting and room acoustics. State-of-the-art LED technology meets highly efficient acoustic elements to create an optimal working environment. The microprismatic cover provides glare-free light with $UGR \leq 19$. HEX-O with an opal cover creates a pleasant and homogeneous room illumination. The combinable polygonal acoustic elements made of 60% recycled PET fleece work through sound absorption and scattering for all-round balanced room acoustics.

ES HEX-O es una solución escultural de luz y sonido que no solo cautiva por su moderno diseño, sino que también cumple dos funciones importantes en las áreas de iluminación y acústica de salas. La tecnología LED más moderna se combina con elementos acústicos de alta eficiencia para crear un entorno de trabajo óptimo. El difusor microprismático ofrece una luz exenta de deslumbramiento con un índice $UGR \leq 19$. HEX-O con difusor opal crea un alumbrado general especialmente homogéneo. Los elementos acústicos triangulares y poligonales combinables, fabricados de un 60% de fieltro PET reciclado, garantizan una acústica ambiental totalmente equilibrada gracias a sus propiedades de absorción acústica y dispersión uniforme.

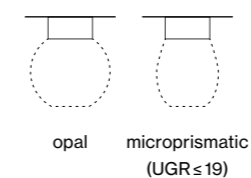
Types



Mountings



Light distributions



Recycled PET

EN HEX-O sound absorbers are made of optically high-quality PET fleece. The velvety, structured material is 60% recycled PET fleece and has optimal room-acoustic properties. A folding technique specially developed by XAL achieves completely smooth edges, which round off the acoustic bodies visually and in their acoustic efficiency.

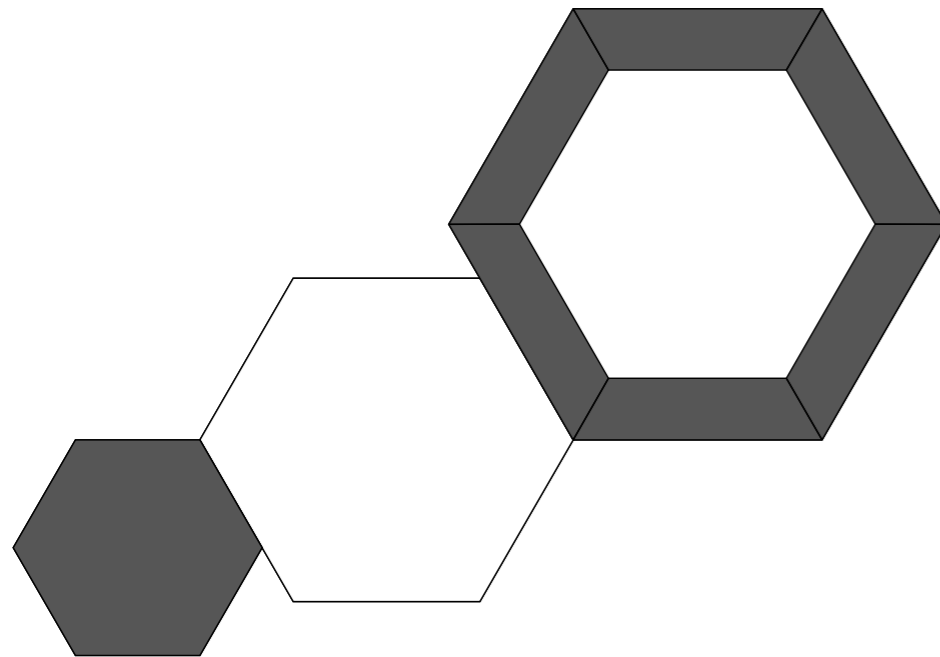
ES Los absorbentes acústicos HEX-O y TRIG-O están fabricados de fieltro PET. Este material aterciopelado y texturizado, obtenido a partir de un 60% de PET reciclado, dispone de unas propiedades acústicas excepcionales. La técnica de plegado especial de XAL permite obtener unas aristas totalmente lisas que mejoran el aspecto visual y el rendimiento de los elementos acústicos.



Acoustic planning by XAL

EN Acoustic spatial planning calculates, measures, or simulates the behaviour of sound in a room. This planning includes, in particular, reverberation time and speech intelligibility. We create a bespoke concept from the results. Through close coordination with contracting planners and customers, we can achieve the optimum balance between light, ambience, and spatial acoustic conditions.

ES En la planificación acústica de espacios, calculamos, medimos y simulamos el comportamiento del sonido en el espacio con parámetros tales como el periodo de reverberación y la inteligibilidad de la voz, entre otros. Partiendo de los resultados obtenidos, elaboramos un esquema personalizado. Una coordinación precisa con proyectistas y clientes nos permite lograr un equilibrio óptimo entre la luz, el ambiente y las condiciones acústicas espaciales.



Sculpturing room acoustics

EN HEX-O effortlessly harmonises sound absorption and illumination. The flexible geometric elements can be arranged into decorative ceiling patterns and expanded at any time. The shape and surface of the three combinable acoustic components – Module, Flat, and Absorber – have multiple effects. The elements absorb higher, midlevel, and down to low frequencies, and scatter sound waves, resulting in noticeably balanced room acoustics.

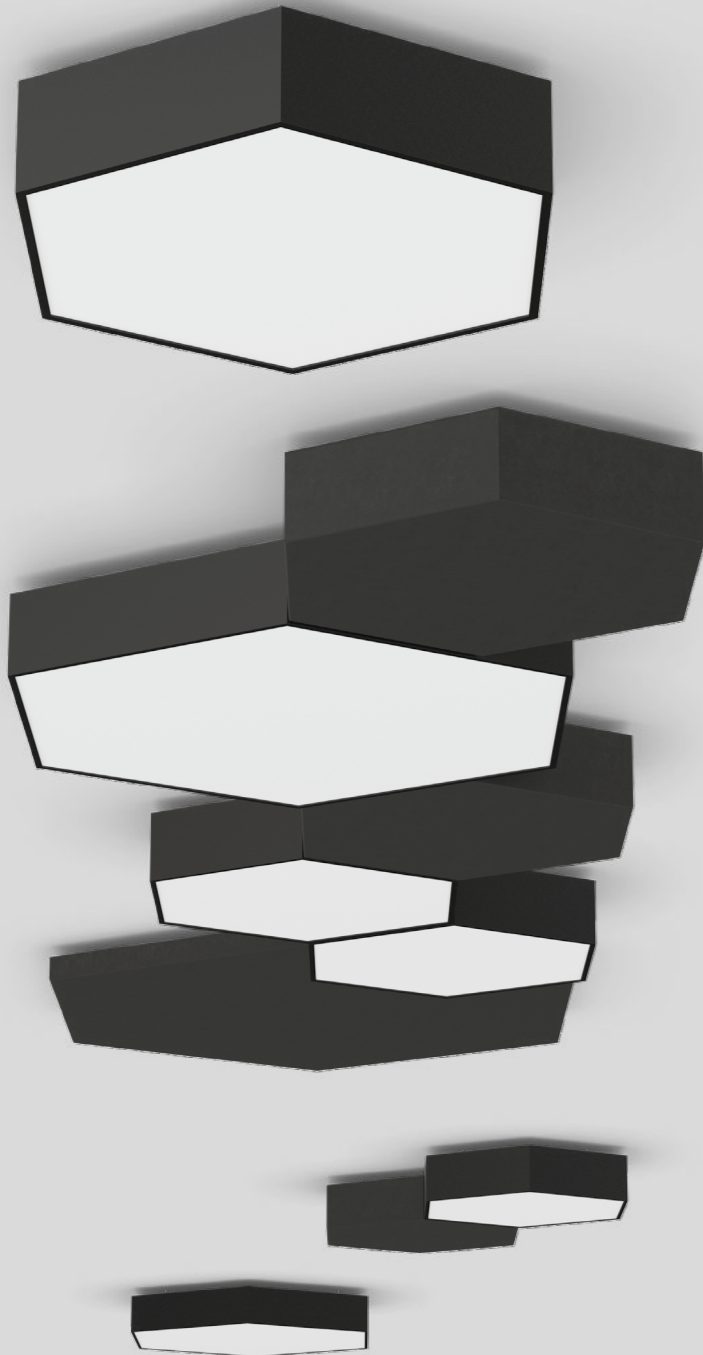
ES HEX-O combina la absorción acústica y la iluminación fácilmente en un único componente. Los elementos flexibles y geométricos pueden disponerse en patrones de techo decorativos y ampliarse en cualquier momento. La forma y la superficie de los tres elementos acústicos combinables tienen más de una función: absorben las frecuencias altas, medias y bajas y dispersan el sonido, dando lugar a una acústica ambiental equilibrada.



Light and sound for office

EN HEX-O was developed explicitly for office environments. Anti-glare prisms embossed into the cover create a uniform and glare-free light at the workplace. A striking design language combines standard-compliant office lighting and optimal room acoustics.

ES HEX-O se ha concebido especialmente para entornos de oficinas. Los prismas antideslumbrantes del difusor garantizan una luz uniforme y sin deslumbramiento en el lugar de trabajo. Iluminación para oficinas adaptada a la normativa y una óptima acústica ambiental, combinadas en un lenguaje de formas cautivador.

[← back](#)


HEX-O

ceiling

EN Hexagonal luminaires & acoustic elements, suitable for single or group installation; quick mounting system without tools; light housing from extruded aluminium profile, seamlessly welded; surface powder coated; same luminance for all size versions; energy-efficient LEDs with very good colour rendering; plug-in terminals for through wiring; acoustic elements: MODULE in the luminaires' dimensions, FLAT with reduced height, ABSORBER to combine with other housings; acoustic element made of high-quality, recycled PET felt; improvement of room acoustics through absorption and scattering of sound waves

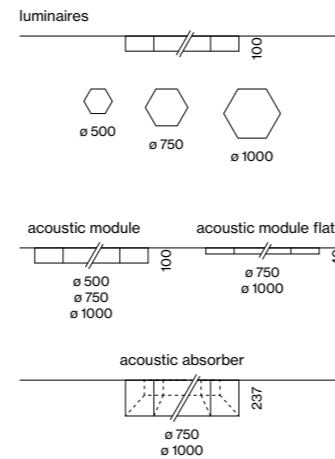
ES Luminarias & elementos acústicos hexagonales aptos para el montaje individual o en grupo; sistema de montaje rápido sin herramientas; cuerpo luminoso de perfil de aluminio extrusionado, sin costuras de soldadura; superficie con recubrimiento de pintura en polvo; luminancia idéntica en todos los tamaños; LEDs de alta eficiencia que proporcionan una alta reproducción cromática; clema de inserción para cableado pasante; elementos acústicos: MODULE en las medidas de las luminarias, FLAT de altura reducida, ABSORBER para la combinación con otros elementos o luminarias; elementos acústicos de fieltro PET reciclado de alta calidad; mejora de la acústica de la sala mediante la absorción y la difusión del sonido

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 142lm/W
 L90 @ 50 000h
 DALI-2
 opal, microprismatic (UGR ≤ 19)

acoustic elements
 up to absorption class A
 available as B-s1, d0

Types



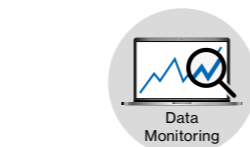
Luminaire colours



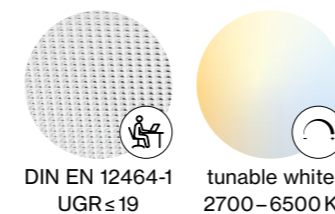
Acoustic colours



Light distribution



DiiA® standards
 251, 252, 253



Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL

DALI-2

LUMINAIRE COLOUR

<input type="radio"/> pure white RAL 9010	7
<input type="radio"/> jet black RAL 9005	8
<input type="radio"/> special colours p. 992	X

ACOUSTIC COLOUR

<input type="radio"/> white	W
<input type="radio"/> marble grey	D
<input type="radio"/> felt grey	G
<input type="radio"/> black	L
<input type="radio"/> special colours p. 992	X

LIGHT OPTIC COVER

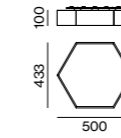
<input type="radio"/> opal	O
<input type="radio"/> microprismatic (UGR ≤ 19)	P

Options on request

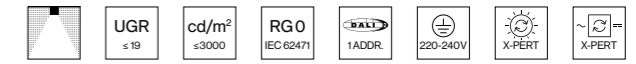
COLOUR RENDERING INDEX
 CRI ≥ 90

COLOUR TEMPERATURE

tunable white 2700–6500K
 DALI-2 DT8

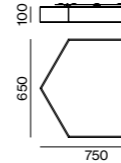


HEX-O 500 ceiling

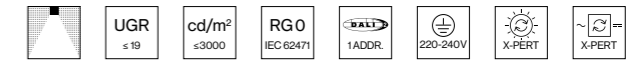


SINGLE AND GROUP MOUNTING

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
16.3W	3000K	2160lm	073-615113
	4000K	2290lm	



HEX-O 750 ceiling

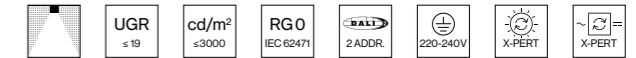


SINGLE AND GROUP MOUNTING

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
35W	3000K	4680lm	073-616113
	4000K	4960lm	

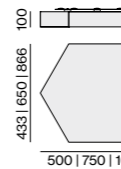


HEX-O 1000 ceiling



SINGLE AND GROUP MOUNTING

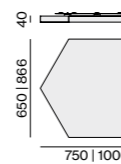
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
68W	3000K	9110lm	073-617113
	4000K	9640lm	



HEX-O MODULE ceiling

SINGLE AND GROUP MOUNTING

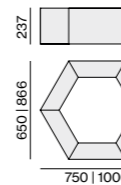
TYPE	ORDER CODE
MODULE 500 ceiling	073-691510
MODULE 750 ceiling	073-691610
MODULE 1000 ceiling	073-691710



HEX-O MODULE FLAT ceiling

SINGLE AND GROUP MOUNTING

TYPE	ORDER CODE
MODULE FLAT 750 ceiling	073-691620
MODULE FLAT 1000 ceiling	073-691720



HEX-O ABSORBER

SINGLE AND GROUP MOUNTING

TYPE	ORDER CODE
ABSORBER 750*	073-691640
ABSORBER 1000**	073-691740

*only in combination with HEX-O 500 or MODULE 500

**only in combination with HEX-O 750, MODULE 750 or FLAT 750

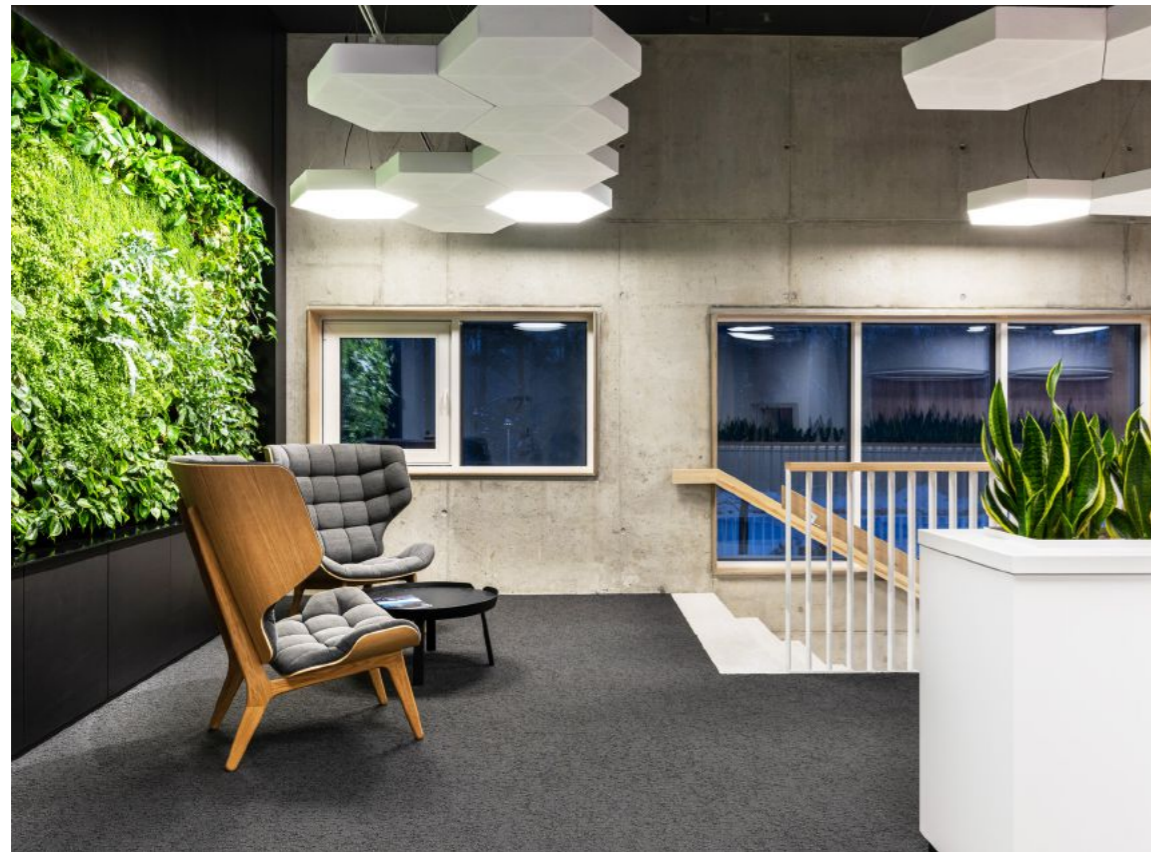
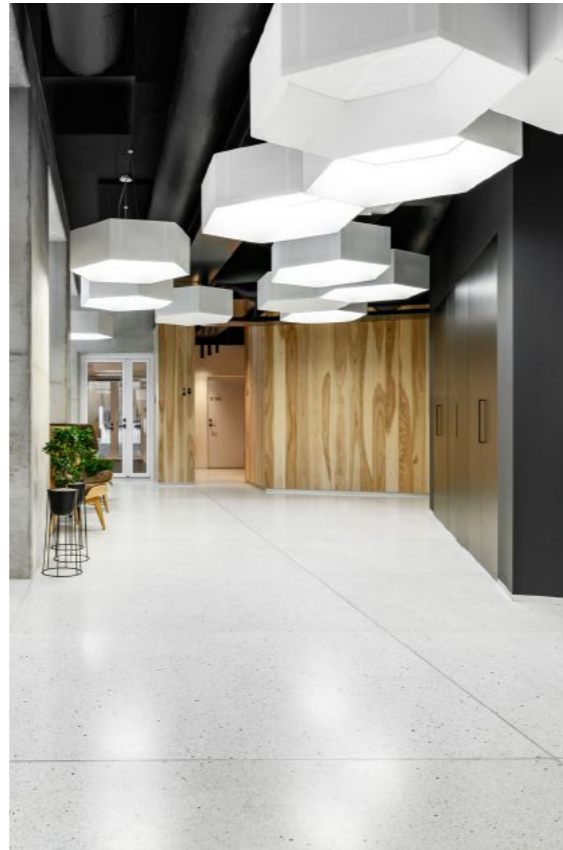
LUMINOUS FLUX value calculated for
 CRI ≥ 80, colour white, cover opal



OLX GROUP Poznań, PL –
by Trzop Architekci with
lighting design by Pluslighting



EANS Flight Control Centre
Harju Grafschaft, EE –
by KAMP Arhitektid



The sound of stress-free work

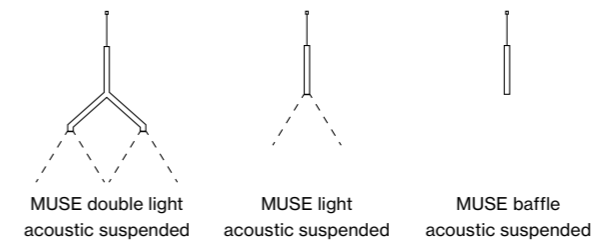


MUSE

EN We developed MUSE for holistic office lighting and acoustic concepts. All of the three-part product family's elements optimise room acoustics. The two luminous versions create standard-compliant, screen-friendly workplace lighting per $UGR \leq 19$ thanks to high-quality reflectors with faceted optics. Its characteristic design language, different colours, and the haptically appealing surface make MUSE a confident design element in the office.

ES Con MUSE, hemos creado una solución integral de iluminación y acústica para oficinas. Todos los elementos de esta familia de productos de cinco componentes optimizan la acústica ambiental de manera eficaz, y las dos variantes luminosas ofrecen, gracias a sus reflectores de alta calidad con óptica facetada, una iluminación de puestos de trabajo apta para la visualización de pantallas y adaptada a la normativa con un índice $UGR \leq 19$. Con su característico lenguaje de formas, sus diversos colores y su superficie de tacto agradable, MUSE es además un eficaz elemento de diseño para la oficina.

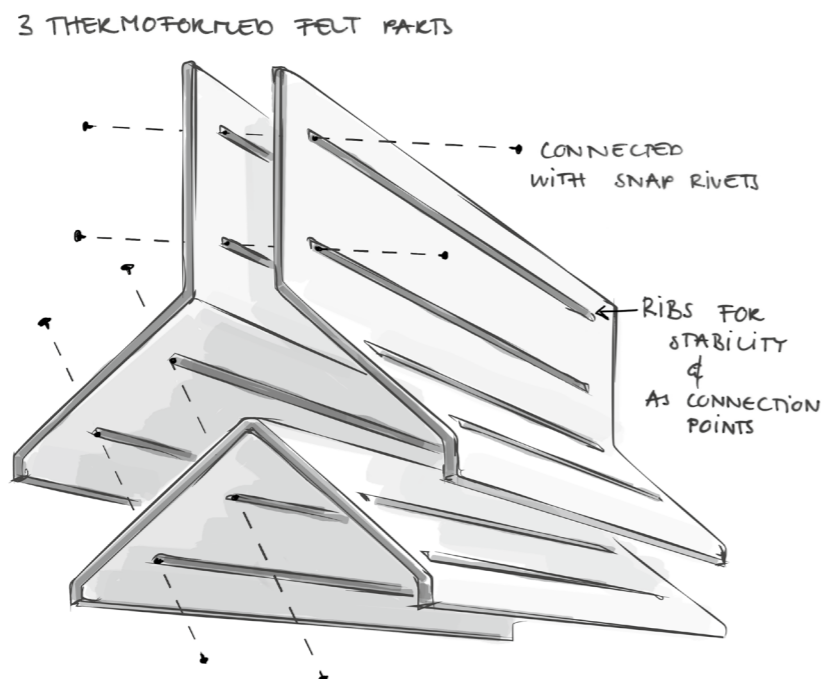
Types



Light and sound for offices

EN Light and acoustics are the most critical factors influencing well-being at work. A quiet working environment boosts concentration and enhances the enjoyment of work and productivity. That is why XAL developed the three-part MUSE system in response to the most significant challenges of modern office environments.

ES La luz y el sonido son los factores que más influyen en nuestro bienestar en el puesto de trabajo: un entorno laboral tranquilo ayuda a la concentración y fomenta la productividad y la satisfacción en el trabajo. Por eso, XAL ha creado el sistema MUSE de cinco elementos, que hace frente a los retos más importantes planteados por los modernos espacios de oficinas.

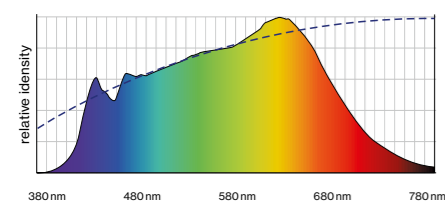


Full-spectrum LED

EN XAL's new XPECTRUM LEDs deliver healthy, biologically effective light. The reduced blue light and increased cyan values reduce the blue light hazard for the eye to daylight-equivalent levels. The resulting non-visual, so-called melanopic light effect, improves concentration and increases sleep quality. The excellent colour rendering of IES TM 30-15 $R_f=98$ and $R_g=101$ further helps visual comfort.

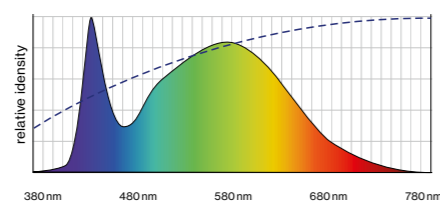
ES El nuevo LED XPECTRUM de XAL ofrece una luz saludable con efectos biológicos. La menor proporción de luz azul y el aumento de los valores de cian minimizan el riesgo de la incidencia de luz azul en el ojo, manteniéndola a un nivel similar al presente en la luz natural. El efecto no visible resultante, denominado efecto melanópico, fomenta la concentración y mejora la calidad del sueño. Además, su excelente reproducción cromática –con índices $R_f=98$ y $R_g=101$ según la norma IES TM-30-15– garantiza una mayor comodidad visual.

XPECTRUM LED



■ XPECTRUM - - - 4000K BBC (reference)

Commercially available LED 4000K

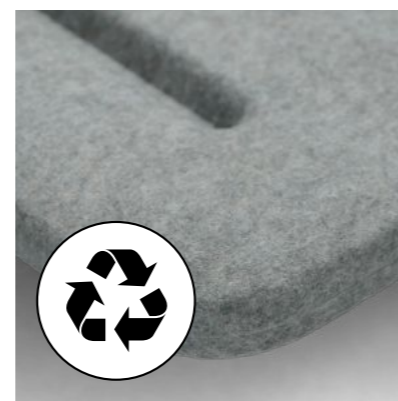


■ 4000K CRI ≥ 80 - - - 4000K BBC (reference)

Second life for PET bottles

EN The MUSE acoustic elements' felt-like material is made of 50% recycled PET. Pressed precisely into shape, it combines three advantages. It is inherently stable, acoustically highly effective, and has a visually and haptically inspiring surface. This is how MUSE creates a pleasant atmosphere while taking its environmental responsibility seriously.

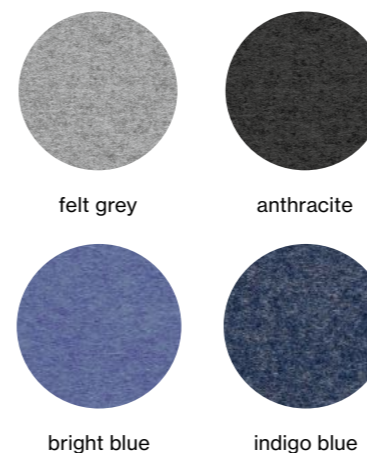
ES El material afieltrado de los elementos acústicos MUSE se fabrica hasta en un 50% de PET reciclado. Prensado en su forma específica con precisión, el material reúne tres grandes ventajas: posee estabilidad propia, ofrece un elevado rendimiento acústico y cuenta con una superficie visual y táctilmente atractiva. Así, MUSE crea una atmósfera agradable a la vez que mantiene un nivel elevado de responsabilidad medioambiental.



Colour variety

EN What kind of office should be equipped with MUSE? With two neutral shades and two accent colours, MUSE can be integrated into any furnishing concept whether classically understated or hip and unconventional.

ES ¿Qué tipo de oficina debe equiparse con MUSE? Desde estilos clásicos y elegantes hasta los más modernos y poco convencionales, MUSE se integra en cualquier esquema de diseño con dos colores neutrales y una tonalidad de acentuación.



felt grey

anthracite

bright blue

indigo blue



Screen-work friendly

EN MUSE has been optimised for computer workstations. Thanks to glare-free reflectors, the luminaires achieve a $UGR \leq 19$ value, creating a pleasantly bright working environment without glare.

ES MUSE se ha optimizado especialmente para puestos de trabajo. Gracias a sus reflectores antideslumbrantes, las luminarias alcanzan un índice $UGR \leq 19$, lo que genera un entorno de trabajo agradable y exento de deslumbramiento.



Acoustic planning by XAL

EN Acoustic spatial planning calculates, measures, or simulates the behaviour of sound in a room. This planning includes, in particular, reverberation time and speech intelligibility. We create a bespoke concept from the results. Through close coordination with contracting planners and customers, we can achieve the optimum balance between light, ambience, and spatial acoustic conditions.

ES En la planificación acústica de espacios, calculamos, medimos y simulamos el comportamiento del sonido en el espacio con parámetros tales como el periodo de reverberación y la inteligibilidad de la voz, entre otros. Partiendo de los resultados obtenidos, elaboramos un esquema personalizado. Una coordinación precisa con proyectistas y clientes nos permite lograr un equilibrio óptimo entre la luz, el ambiente y las condiciones acústicas espaciales.

← back



MUSE double light

acoustic suspended

EN Luminaire body made of high-quality, self-supporting, recycled PET felt with sound absorbing properties; high-quality visual and tactile surface; constructed of 2 shells to form cavities that improve acoustic performance; large sound absorbing surface; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; optimised for the illumination of 2 office workstations opposite each other; incl. transparent feed; light inset made from extruded profile for improved thermal management; high-gloss reflector with faceted design; energy-efficient LEDs with very good colour rendering

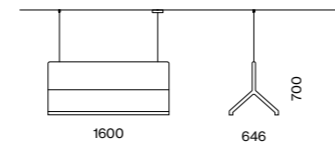
ES Cuerpo luminoso de fieltro PET reciclado y autoportante de calidad superior con propiedades de absorción del sonido; superficie de gran calidad óptica y táctil; estructura de dos cuencos, así se generan huecos para mejorar el rendimiento acústico; superficie de absorción sonora grande; suspendido con cable; regulación de la altura sin necesitar herramientas; optimizado para iluminación de 2 puestos de oficina uno frente al otro; incluido cable de alimentación transparente; inserto luminoso de perfil extruido para una mejor gestión del calor; reflector de alto brillo con óptica facetada; LEDs de alta eficiencia que proporcionan una alta reproducción cromática

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 1500 cd/m²
 up to 108lm/W
 L90 @ 50 000h
 DALI-2
 reflector (UGR ≤ 19)

PET felt
 ♻️ from recycled material
 up to absorber class A

Type



Colours



Light distribution



direct

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL

DALI-2

MATERIAL COLOUR

- anthracite B
- felt grey G
- bright blue P
- indigo blue E

canopy always in white
 other colours on request

LIGHT INSET COLOUR

grey cover / chrome reflector

Options on request

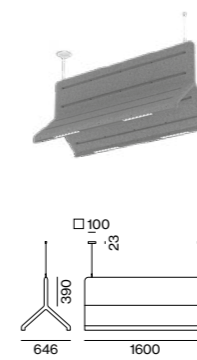
COLOUR RENDERING INDEX
 CRI ≥ 98 XPECTRUM

CONTROL

brightness & presence sensor

LIGHT INSET COLOUR

- black cover / black reflector
- white cover / chrome reflector
- black cover / chrome reflector



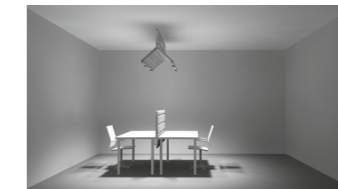
MUSE DOUBLE LIGHT suspended



ACOUSTIC LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
41W	3000K	4160lm	1600	0 9 1 - 1 2 2 1 :: 3 ▣ F
	4000K	4400lm		

Lighting calculation



MUSE DOUBLE LIGHT

41W direct, 4000K, chrome reflector

ROOM VALUES

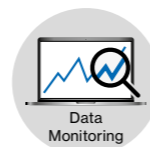
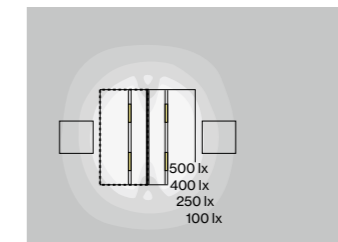
Room dimensions	5.4 × 4 × 3 m
Room volume	64.8m³
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8
Mounting height	2.23 m

CALCULATION SURFACE

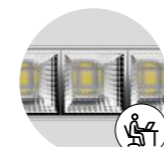
Surface dimensions	1.6 × 0.8
Surface height	0.75 m
Average illuminance (E _m)	> 500 lx
Uniformity (U ₀)	> 0.6

GLARE EVALUATION

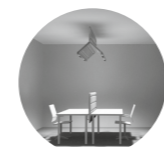
Table Classification X=4H | Y=8H | S=0.25H
 UGR transversal ≤ 19
 UGR axial ≤ 19
 ≥ 65° ≤ 1500 cd/m²



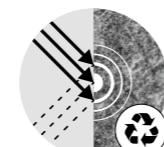
DiiA® standards
 251, 252, 253



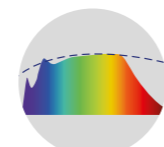
DIN EN 12464-1
 UGR ≤ 19



suitable for double
 workstation

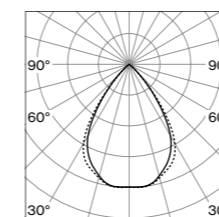


sound absorption
 by recycled PET



CRI ≥ 98
 XPECTRUM

Light distribution

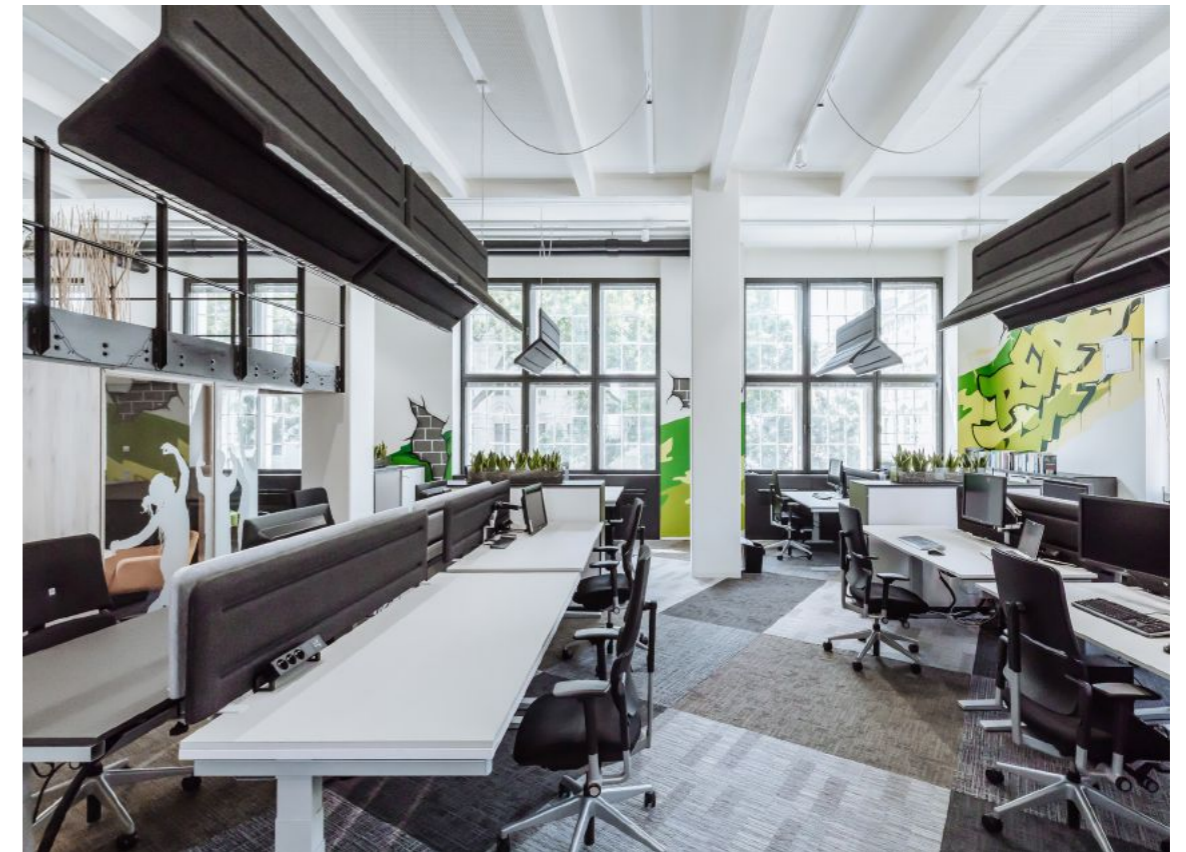


chrome reflector
 direct

LUMINOUS FLUX value calculated for
 CRI ≥ 80, cover grey, reflector chrome



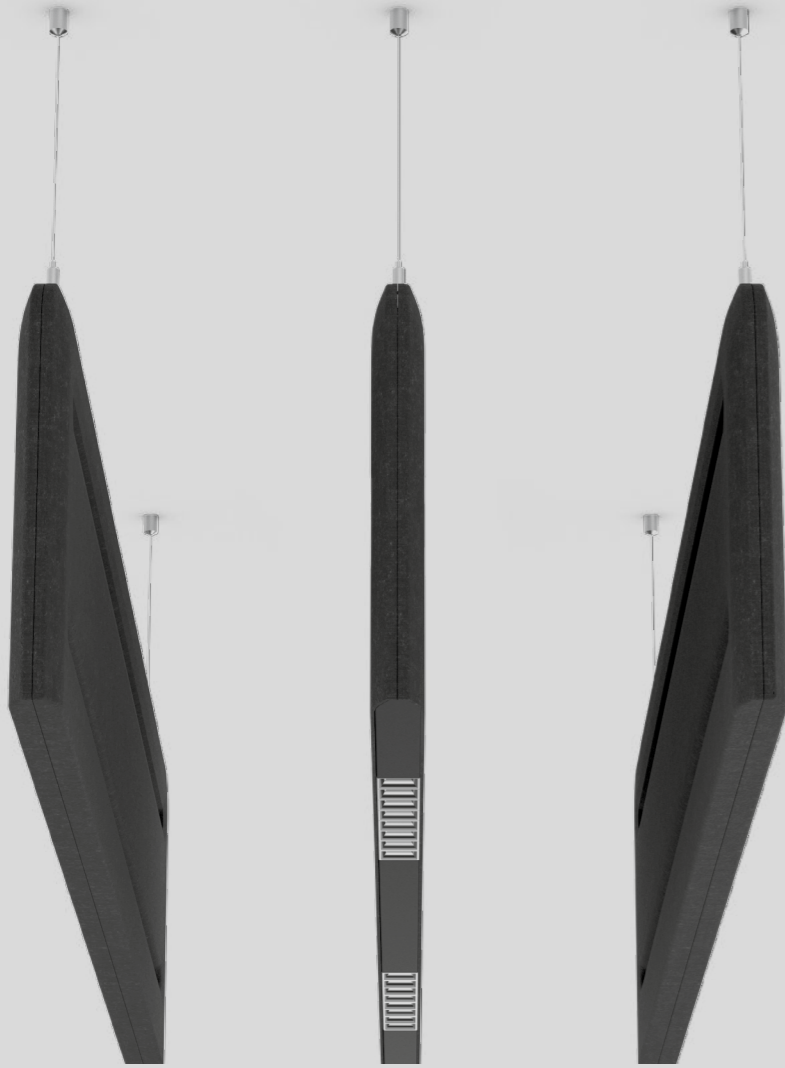
Inter-pool Immobilien Vienna, AT –
by Inter-pool Immobilien GmbH /
Architekt DI Stephan Kopinits including
lighting design



Vogel Corporate Solutions GmbH
Würzburg, DE – by Dipl. Ing. FH
Katharina Maatz/ designfunktion
Aschaffenburg GmbH



← back



MUSE light/baffle

acoustic suspended

EN Luminaire body or acoustic element made of high-quality, self-supporting, recycled PET felt with sound absorbing properties; high-quality visual and tactile surface; constructed of 2 shells to form cavities that improve acoustic performance; large sound absorbing surface; pendant fitting with cable suspension; tool-less suspension height adjustment of the luminaire or of the acoustic element; MUSE LIGHT: optimised for the illumination of office workstations; incl. transparent feed; light inset made from extruded profile for improved thermal management; high-gloss reflector with faceted design; energy-efficient LEDs with very good colour rendering

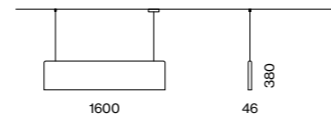
ES Cuerpo luminoso y elemento acústico de fieltro PET reciclado y autoportante de calidad superior con propiedades de absorción del sonido; superficie de gran calidad óptica y táctil; estructura de dos cuencos, así se generan huecos para mejorar el rendimiento acústico; superficie de absorción sonora grande; suspendido con cable; ajuste de altura sin herramienta de la luminaria y del elemento acústico; MUSE LIGHT: optimizado para iluminación de 2 puestos de oficina; incluido cable de alimentación transparente; inserto luminoso de perfil extruido para una mejor gestión del calor; reflector de alto brillo con óptica facetada; LEDs de alta eficiencia que proporcionan una alta reproducción cromática

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 1500 cd/m²
 up to 109lm/W
 L90 @ 50 000h
 DALI-2
 reflector (UGR ≤ 19)

PET felt
 ♻️ from recycled material
 up to absorber class A

Type



Colours



Light distribution



direct

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL

DALI-2

MATERIAL COLOUR

● anthracite	B
● felt grey	G
● bright blue	P
● indigo blue	E

canopy always in white
 other colours on request

LIGHT INSET COLOUR

grey cover / chrome reflector

Options on request

COLOUR RENDERING INDEX
 CRI ≥ 98 XPECTRUM

CONTROL

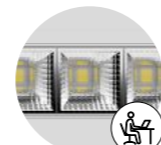
brightness & presence sensor

LIGHT INSET COLOUR

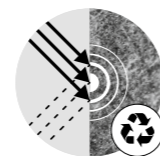
black cover / black reflector
 white cover / chrome reflector
 black cover / chrome reflector



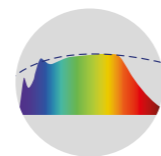
DiiA® standards
 251, 252, 253



DIN EN 12464-1
 UGR ≤ 19

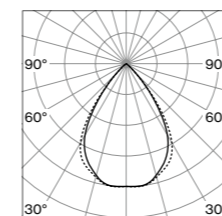


sound absorption
 by recycled PET



CRI ≥ 98
 XPECTRUM

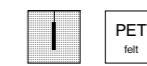
Light distribution



chrome reflector
 direct

LUMINOUS FLUX value calculated for
 CRI ≥ 80, cover grey, reflector chrome

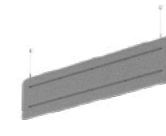
MUSE BAFFLE suspended



ACOUSTIC BAFFLE

L (mm)
 1600

ORDER CODE
 091-101111

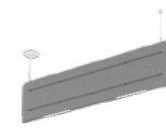


MUSE LIGHT suspended



ACOUSTIC LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
20W	3000K 4000K	2080lm 2200lm	1600	091-121111



Lighting calculation



MUSE LIGHT
 20W direct, 4000K, chrome reflector
 + MUSE BAFFLE (every 2nd)

ROOM VALUES

Room dimensions	9 × 5 × 3 m
Room volume	135 m³
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8
Mounting height	2.23 m

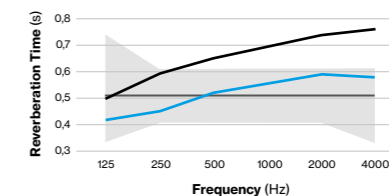
CALCULATION SURFACE

Surface dimensions	8 × 4
Surface height	0.75 m
Average illuminance (E _m)	> 500 lx

GLARE EVALUATION

Table Classification	X=4H Y=8H S=0.25H
UGR transversal	≤ 19
UGR axial	≤ 19
	≥ 65° ≤ 1500 cd/m²

Acoustic calculation



ACOUSTIC PARAMETERS

Target Reverberation Time	0.51s*
RT without MUSE	0.66s
RT with MUSE	0.52s

*according to DIN 18041, room category
 A3 (education/communication)

MATERIALS

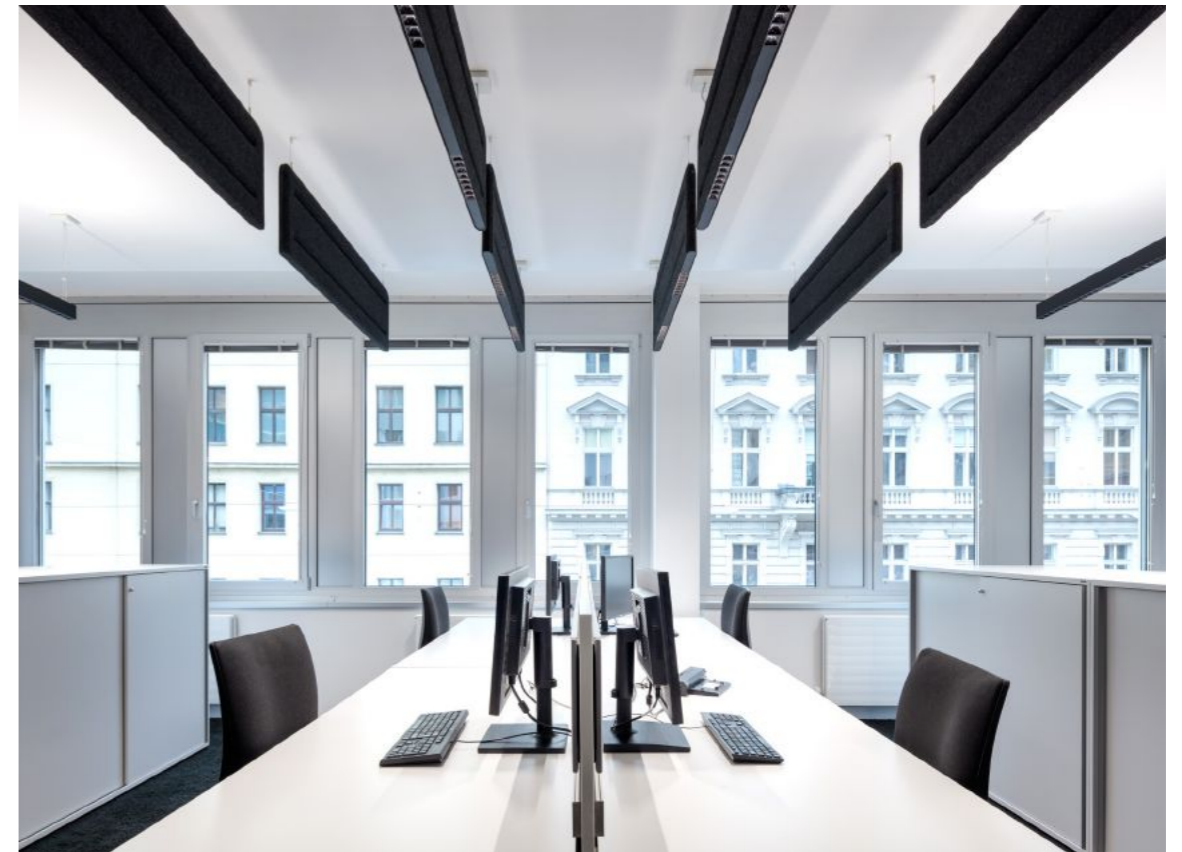
Walls	Hardboard
Ceiling	Gypsum Board
Floor	Hardwood

Art-Invest Berlin, DE –
by LEPEL & LEPEL Architekt

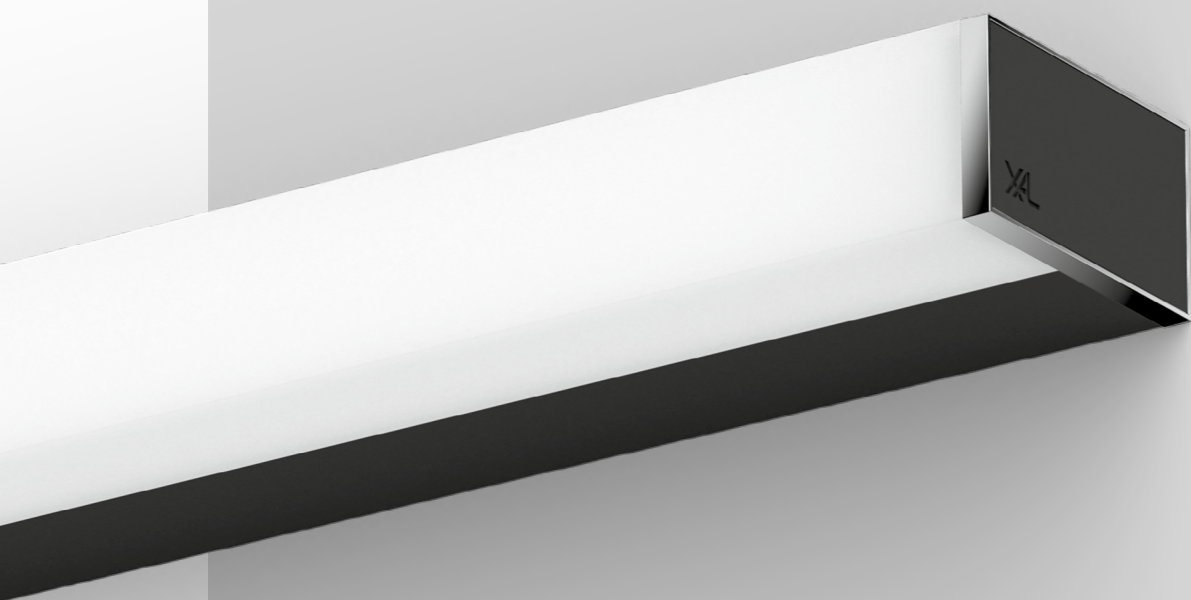




XAL Office
Vienna, AT



For the right kind of reflection

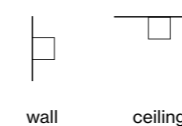


STRETTA

EN Whether in the bathroom or in the fitting room, STRETTA is a fantastic exclusive mirror luminaire. Thanks to its excellent colour rendering of $CRI \geq 90$, it is used wherever colours, shapes, and designs are to be shown in their best and authentic light. STRETTA emits light on three sides and has been equipped with an opal cover to guarantee particularly homogeneous wall illumination. The IP44 protection class ensures safe use in wet rooms.

ES Tanto en cuartos de baño como en probadores de ropa o vestidores, STRETTA seduce como luminaria de espejo exclusiva. Su buena reproducción cromática con un índice $CRI \geq 90$ hace que pueda utilizarse allí donde colores, formas y diseños deban percibirse con autenticidad. Para hacer posible una iluminación de la pared especialmente homogénea, STRETTA proyecta la luz por tres lados y está dotada de un difusor opal. El grado de protección IP44 garantiza un uso seguro en salas con ambiente de alta humedad.

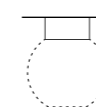
Mountings



wall

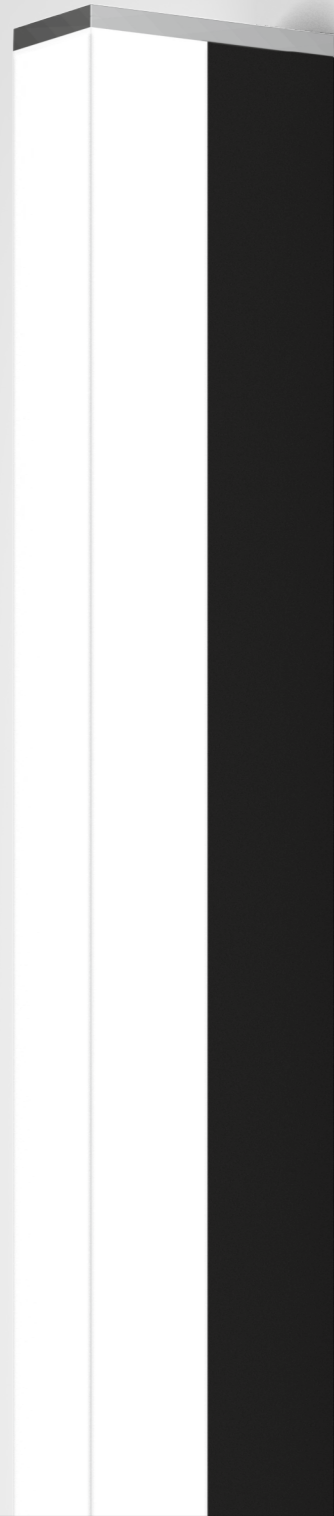
ceiling

Light distribution



opal

back



STRETTA

surface

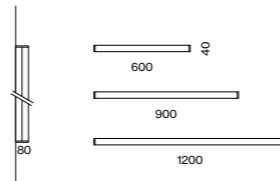
EN Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated; luminaire profile can be pre-mounted; end cap galvanically chromed or in same colour as housing (chromed border); suitable for wall or ceiling mounting; with three sided light beam; HPO (High Performance Opal) cover for uniform illumination; energy-efficient LEDs with very good colour rendering

ES Perfil de aluminio extrusionado, versión angular; sin tornillos visibles; superficie con recubrimiento de pintura en polvo; perfil de luminaria premontable; tapa terminal en cromado galvánico o con recubrimiento de polvo en el color de la luminaria (borde cromado); apropiada para montaje en techo y paredes; con proyección de luz por tres lados; tapa HPO (High Performance Opal) para iluminación homogénea; LEDs de alta eficiencia que proporcionan una alta reproducción cromática

Quickinfo

3000K, 4000K
CRI ≥ 90, 3 SDCM
up to 112lm/W
L80 @ 50 000h
non DIM, DALI-2
opal cover
IP 44

Types



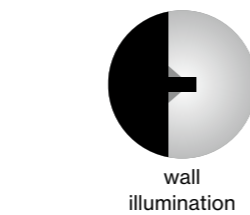
Luminaire colours



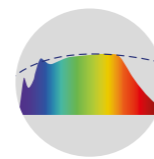
End caps colours



Light distribution



splash water protection (IP44)



CRI ≥ 98 XPECTRUM

Order options

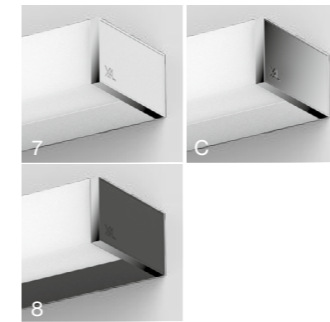
COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR	
○ pure white RAL 9010*	7
○ pure white / ◊ chrome**	C
● jet black RAL 9005*	8

*end caps in housing colour with chromed boarder

**end caps completely in chrome



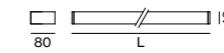
LIGHT OPTIC COVER

opal high performance

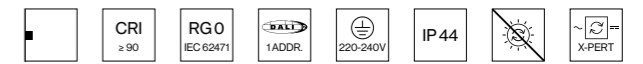
Options on request

COLOUR RENDERING INDEX

CRI ≥ 98 XPECTRUM



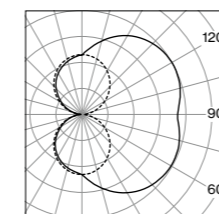
STRETTA surface



LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
13W	3000K	1370lm	600	057-0132::◆H
	4000K	1460lm		
19.5W	3000K	2050lm	900	057-0133::◆H
	4000K	2190lm		
26.1W	3000K	2740lm	1200	057-0134::◆H
	4000K	2920lm		

Light distribution



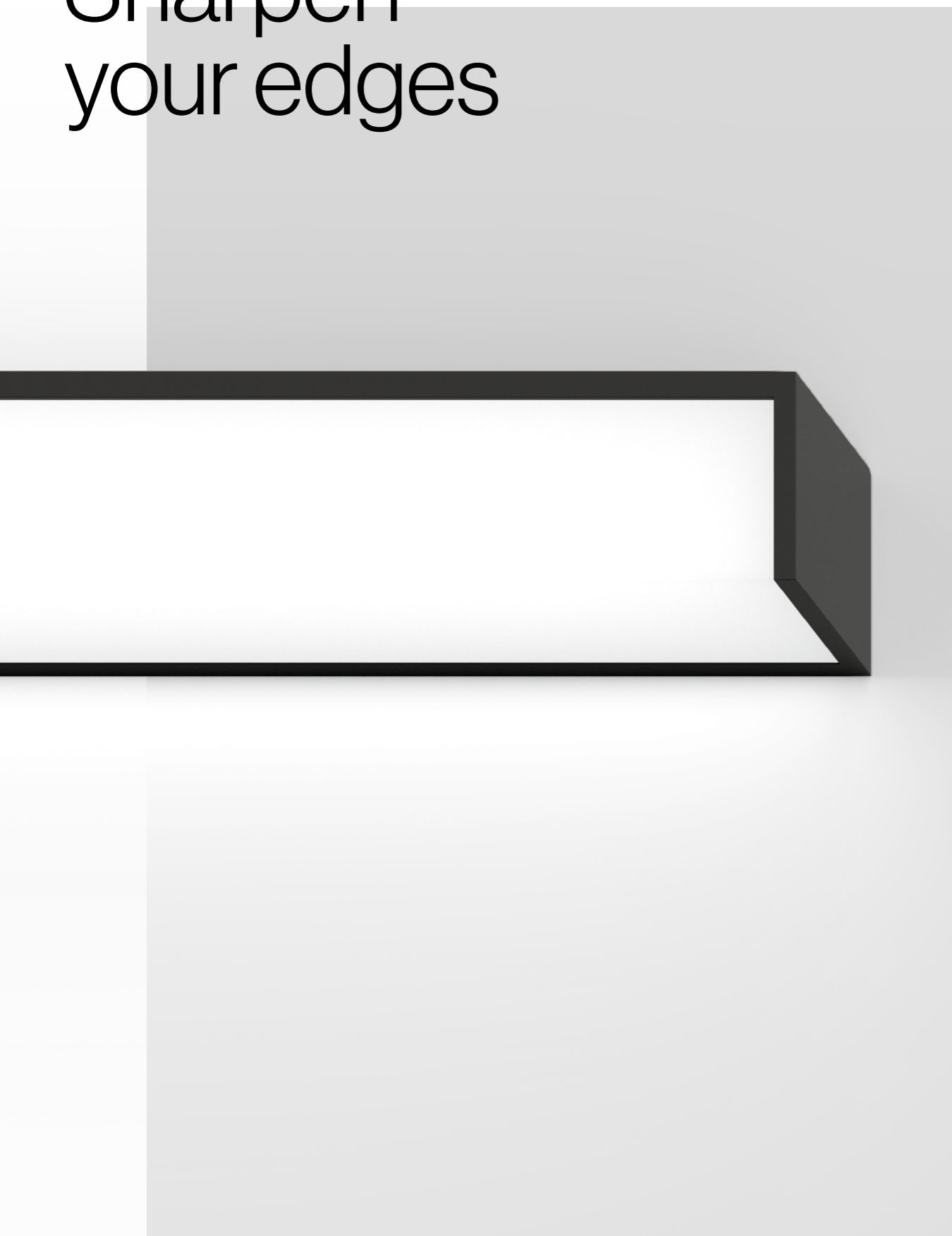
opal high performance

LUMINOUS FLUX value calculated for CRI ≥ 90, colour white, cover opal

Private Residence
Visualisation



Sharpen your edges

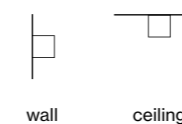


CORNER

EN The best wall light is right around the CORNER. It is preferred for ceiling edges or wall corners and is mainly used in staircases, reception halls, or corridors. Wall and ceiling are equally well illuminated by the CORNER single luminaire thanks to the light insert with opal cover. The bidirectional beam pattern delivers ambient lighting. CORNER is available in the light colours 3000 K or Tunable White and two different power levels. CORNER comes in different lengths and in white, grey, and black.

ES Con CORNER, la mejor iluminación de pared está a la vuelta de la esquina. Esta se utiliza preferentemente en bordes de techo o esquinas de pared, sobre todo en escaleras, vestíbulos y pasillos. La pared y el techo son iluminadas de forma óptima y uniforme con la luminaria individual CORNER y el inserto luminoso con difusor opal. El modo de proyección bilateral garantiza un alumbrado general homogéneo. CORNER está disponible en una temperatura de color de 3000 K o Tunable White y en dos niveles de potencia distintos. CORNER se suministra en diferentes longitudes y en los colores blanco, gris y negro.

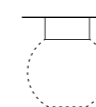
Mountings



wall

ceiling

Light distribution



opal

← back



CORNER

surface

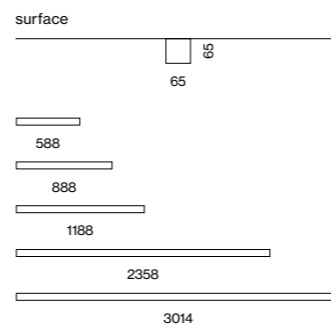
EN Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated; luminaire profile for mounting available in advance; suitable for wall or ceiling mounting; with double-sided light beam; HPO (High Performance Opal) cover for uniform illumination; energy-efficient LEDs with very good colour rendering

ES Perfil de aluminio extrusionado, versión angular; sin tornillos visibles; superficie con recubrimiento de pintura en polvo; Perfil de lámpara para montaje disponible prev.; apropiada para montaje en techo y paredes; con proyección de luz por ambos lados; tapa HPO (High Performance Opal) para iluminación homogénea; LEDs de alta eficiencia que proporcionan una alta reproducción cromática

Quickinfo

3000K
CRI ≥ 80, 3 SDCM
up to 131lm/W
L90 @ 50 000h
non DIM
opal

Types



Colours



Light distribution



direct

Order options

COLOUR TEMPERATURE

3000K

CONTROL

non DIM

MATERIAL COLOUR

- pure white RAL 9010 7
- white aluminium RAL 9006 G
- jet black RAL 9005 8

LIGHT OPTIC COVER

opal high performance

Options on request

SYSTEM SOLUTION

installation channel, etc.

COLOUR TEMPERATURE

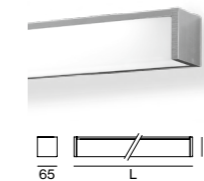
4000K

tunable white 2700–6500 K*

*DALI-2 DT8

CONTROL

DALI-2



CORNER surface



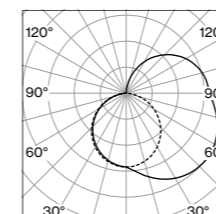
MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
13.8W	3000K	1810lm	588	040-895251
20.7W	3000K	2720lm	888	040-895351
27.6W	3000K	3620lm	1188	040-895451
55W	3000K	7250lm	2358	040-895851
81W	3000K	9830lm	3014	040-895951

HIGH LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
20.2W	3000K	2460lm	588	040-896251
30W	3000K	3690lm	888	040-896351
40W	3000K	4910lm	1188	040-896451
71W	3000K	9340lm	2358	040-896851
98W	3000K	12700lm	3014	040-896951

Light distribution

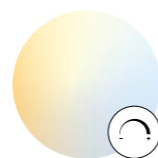


asymmetric

LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, cover opal



wall/ceiling
illumination



tunable white
2700–5000K

Office Stadsbader
Harelbeke, BE



Getting well with light



RECOVER

EN The next generation of contemporary healthcare lighting, RECOVER has been developed to simulate a natural light pattern. This is achieved by the dynamically changing colour temperature. It varies from activating morning light to a sleep-promoting evening glow. The luminaire supports the natural regeneration of the patient by supporting the human biorhythm. The 4-in-1 system includes ambient light, a reading light, a nurse's night light, and an examination light with a high CRI value that displays amorphous three-dimensional surfaces, such as the skin, correctly. RECOVER is designed to be particularly user-friendly. Lighting programmes can be quickly and flexibly adapted.

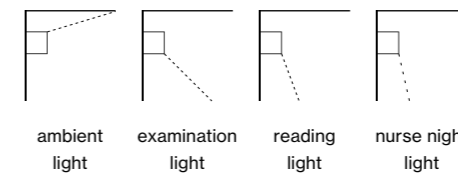
ES RECOVER ha sido especialmente diseñada para recrear la evolución natural de la luz. Esto se consigue mediante una temperatura de color dinámicamente cambiante, que varía desde una luz matinal vigorizante hasta una luz crepuscular que ayuda a conciliar el sueño. Como esta luz fomenta el biorritmo del cuerpo humano, la luminaria contribuye a la sanación natural del paciente. El sistema 4 en 1 consta de luz general, luz de lectura, luz de vigilia nocturna y una luz de reconocimiento con un elevado índice CRI para la perfecta representación tridimensional de superficies amorfas, tales como la piel. El manejo de RECOVER se ha hecho lo más sencillo posible, de modo que los programas de iluminación puedan adaptarse de un modo fácil y flexible.

Mounting



wall

Light distributions

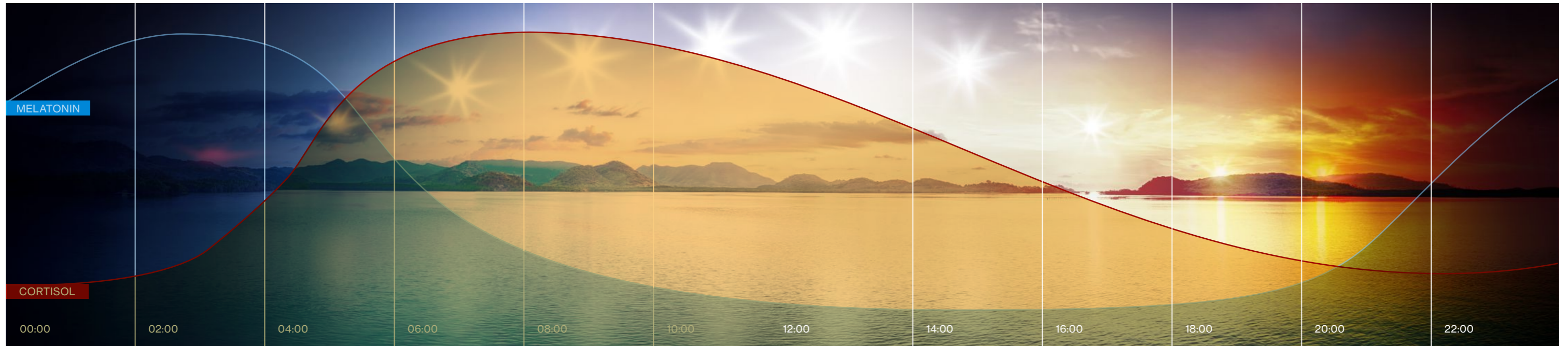


ambient
light

examination
light

reading
light

nurse night
light



Day-night rhythm

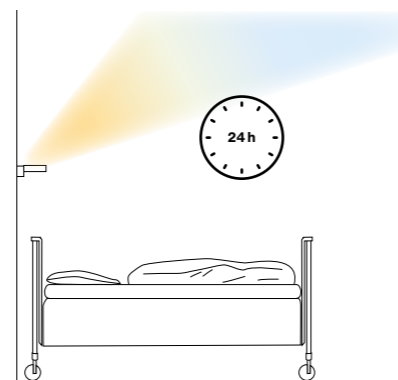
EN Light affects well-being and health. Cool morning light promotes cortisol, the activating hormone. In the evening, when the blue component is missing, the sleep hormone melatonin is formed. High melatonin levels at night lead to more restful sleep, and we enjoy a positive start to the day through an increased release of the happiness hormone serotonin. The RECOVER luminaire taps this knowledge and supports the natural regeneration of patients, as the high indirect illuminance provides clear impulses to the inner clock.

ES La luz influye en nuestra salud y bienestar. La fría luz matinal fomenta la generación de cortisol, una hormona estimulante. Y, por la noche, la falta de componentes de luz azul produce melatonina, la hormona del sueño. Si el nivel nocturno de melatonina es elevado, dormimos más relajadamente y nos levantamos con una sensación positiva debido a una mayor liberación de serotonina, la hormona de la felicidad. La luminaria RECOVER aprovecha este conocimiento y fomenta la regeneración natural de los pacientes, ya que la elevada intensidad luminosa indirecta establece una clara sincronización del reloj interno.

Schedule light moods

EN The aim was to make RECOVER particularly user-friendly. Lighting moods and intensity levels can be programmed with simple software. You can even string together several different programmes to form an annual schedule. The intensity and colour temperature change automatically with the season. The factory settings already store different daily sequences, which you can quickly adapt to your time requirements.

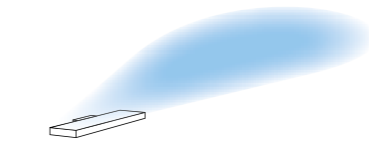
ES El objetivo era hacer que RECOVER fuera muy fácil de utilizar. Un sencillo software permite programar distintos ambientes lumínicos y grados de intensidad. Esto hace posible encadenar varios programas variables, e incluso combinarlos en un solo programa anual. La intensidad y la temperatura de color cambian automáticamente con la estación del año. Los ajustes de fábrica incluyen diversos programas diarios que pueden adaptarse fácilmente a los requisitos temporales.



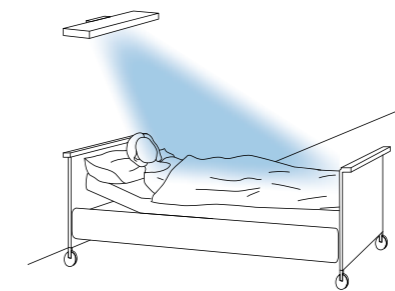
Four lights in one

EN RECOVER combines four luminaires. Indirect, homogeneous ceiling lighting provides daytime brightness for the patient, while the examination light is used for doctors' visits. A reading light ensures reflection-free illumination of the reading area. The nurse night light mounted on the side of the luminaire was integrated to avoid dazzling the patient at night.

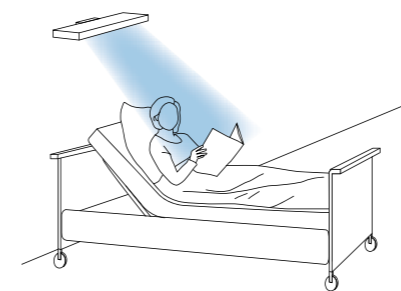
ES RECOVER combina cuatro luminarias: una iluminación de techo indirecta y homogénea transmite la luminosidad diurna al paciente, mientras que la luz de reconocimiento se utiliza para las visitas del personal sanitario. La luz de lectura garantiza un alumbrado completo del área de lectura sin ningún tipo de reflejos. La luz de vigilia nocturna montada lateralmente en la luminaria ha sido concebida para no deslumbrar al paciente por la noche.



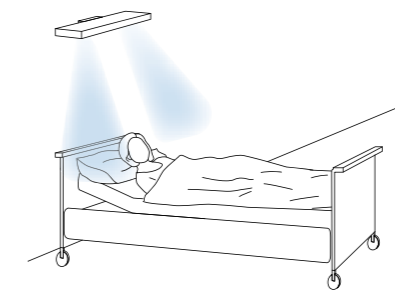
Ambient light



Examination light



Reading light



Nurse night light

CRI ≥ 95

EN The RECOVER examination and reading light achieve excellent R_a and R_e values of ≥ 95 . The unusually small luminous surface of the LED and the high luminance display amorphous three-dimensional surfaces, such as the skin, correctly.

ES Las luces de reconocimiento y lectura RECOVER consiguen unos excelentes índices R_a y R_e superiores a 95. La pequeñísima superficie luminosa de los LED y la elevada luminancia hacen posible una representación perfecta de superficies tridimensionales amorfas, tales como la piel.



typical CRI ≥ 95



CRI ≥ 80

EMCO private clinic
Bad Dürrenberg/Salzburg, AT –
by FLEOS architektur with
lighting design by Das Licht

