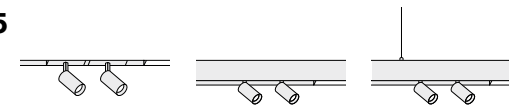


Systems



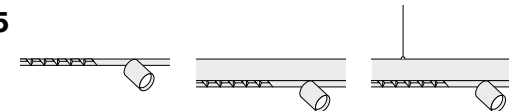
Systems

MOVE IT 25



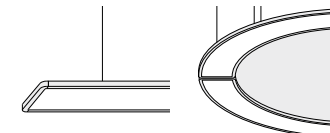
694 recessed surface suspended

MOVE IT 45



778 recessed surface suspended

TASK



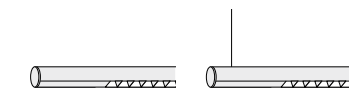
808 S suspended acoustic

BETO



834 ceiling suspended

SETA



NEW 850 ceiling suspended

LENO



858 recessed semi-recessed surface suspended

MINIMAL



878 recessed

FRAME



888 recessed trim

CANYON



902 recessed offset

MINO



908 ceiling suspended

BASO



934 recessed surface

TUBO



NEW 948 surface suspended

LINEA



NEW 958 wall

Everything on track

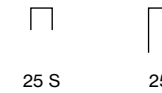


MOVE IT 25 system

EN The sleek, elegant MOVE IT 25 system has revolutionised low-voltage track systems. The tool-free magnetic mounting of spotlights, decorative, or linear insets allows flexible, ever-new combinations. The various mounting options offer even more freedom: at two heights each, as trimless recessed and surface-mounted for wall or ceiling mounting, and suspended with a direct or direct / indirect light component. The individual profiles can be interconnected with each other, or linked via the CORNER, CURVE or NODE Connector elements. This allows for a variety of creative ceiling patterns. Square or triangular acoustic elements that can be optionally integrated additionally create balanced room acoustics.

FR L'élégant et sobre système MOVE IT 25 a révolutionné les systèmes de rails conducteurs à basse tension : le montage magnétique sans outil de spots, d'inserts décoratifs ou linéaires permet des combinaisons flexibles et toujours nouvelles. Les différentes options de montage offrent encore plus de liberté : en deux hauteurs, pour encastrer ou monter sans bord au mur ou au plafond ainsi que suspendu avec une part de lumière directe ou directe / indirecte. Les profils individuels peuvent être reliés les uns aux autres ou connectés par des éléments CORNER, CURVE ou des connecteurs NODE. Cela permet de créer une grande diversité de motifs au plafond. Des éléments acoustiques de forme carrée ou triangulaire intégrables en option créent de surcroît une acoustique optimale.

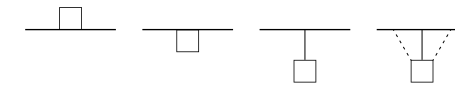
Types



25 S

25

Mountings

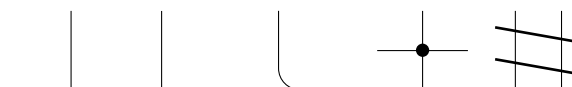
trimless
recessed

surface

suspended

indirect
suspended

Configurations



linear

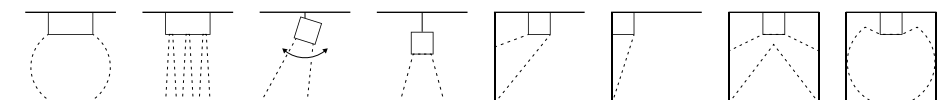
corner

curve

node

flextrack

Light distributions



opal

spot line

spotlight

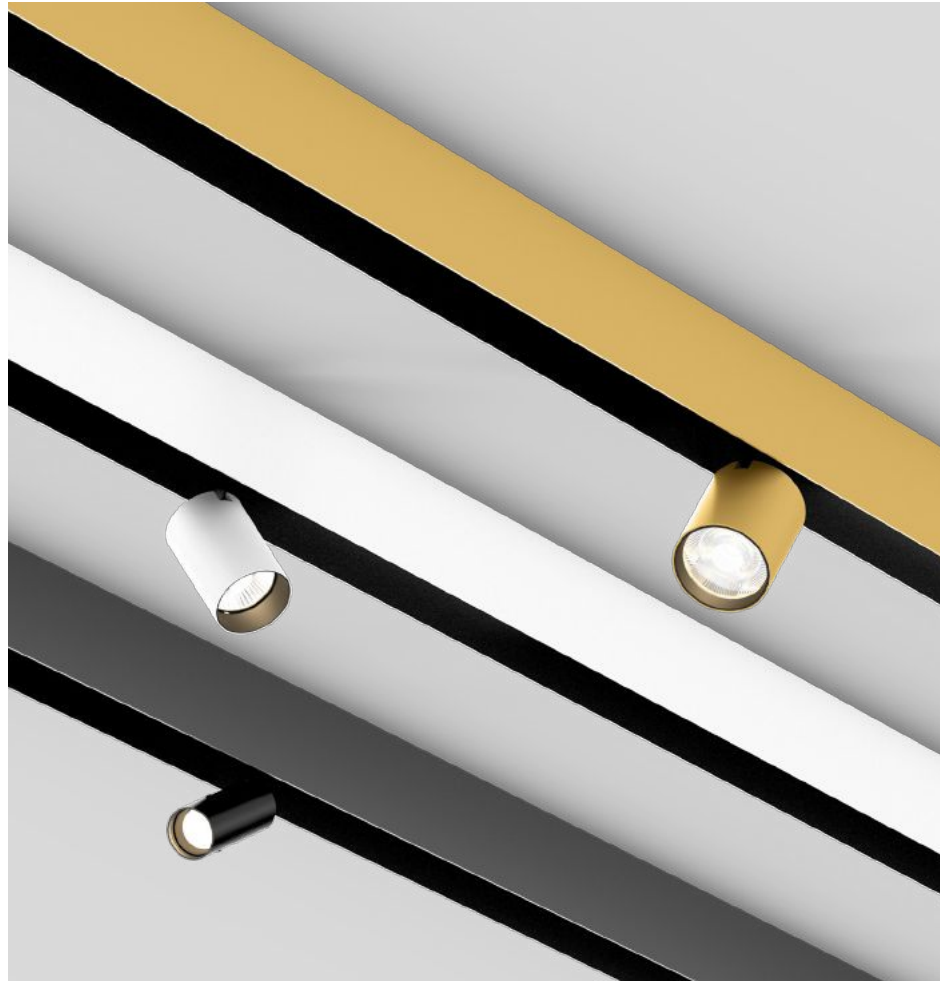
decorative

wallwasher

wall grazer

batwing

pivot



Colour variety

EN MOVE IT profiles are available in the standard colours black, white, and gold. Further colour variations are also available, granting your project maximum design freedom. You can learn more about our colour palette at xal.com/colours.

FR Les profilés MOVE IT sont disponibles en différentes couleurs standard. En outre, d'autres variantes de couleurs sont disponibles - ce qui vous offre une liberté de création maximale pour vos projets. Vous trouverez plus d'informations sur notre palette de couleurs sur xal.com/colours.

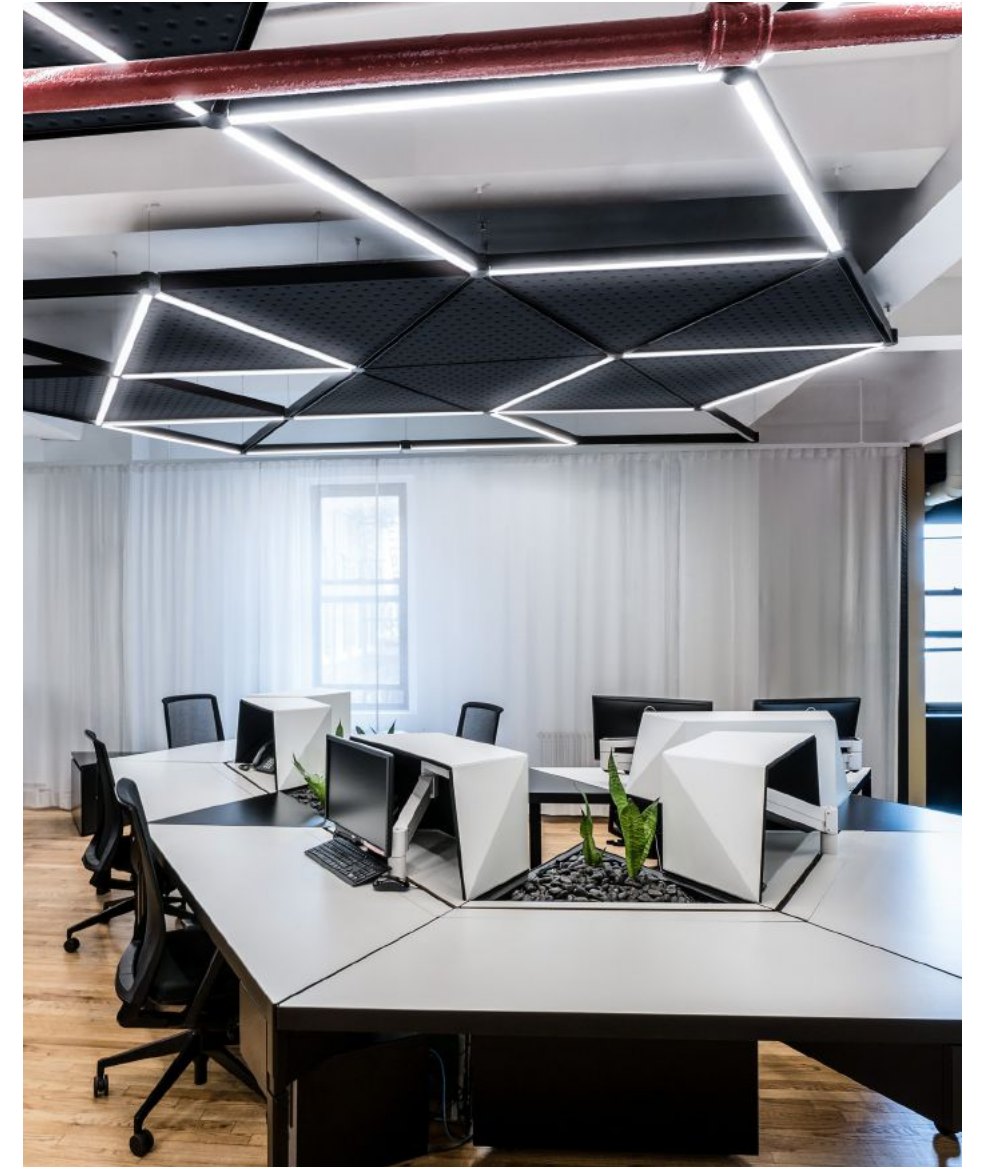


xal.com/colours

Individual grids & room acoustics

EN The NODE Connector lets you create different ceiling patterns from up to six MOVE IT 25 profiles per node. Attractive geometric shapes are created by connecting the profiles at a 60° or 90° angle. Create seamless 90° corners with a special corner connector. Simply extend the MOVE IT Suspended System with triangular and square acoustic elements for optimised room acoustics. Curved elements and special corner connectors that are rotated 35° to the left and right provide even more design freedom.

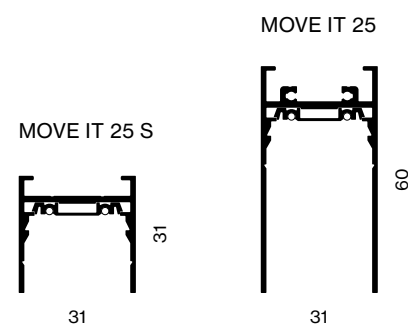
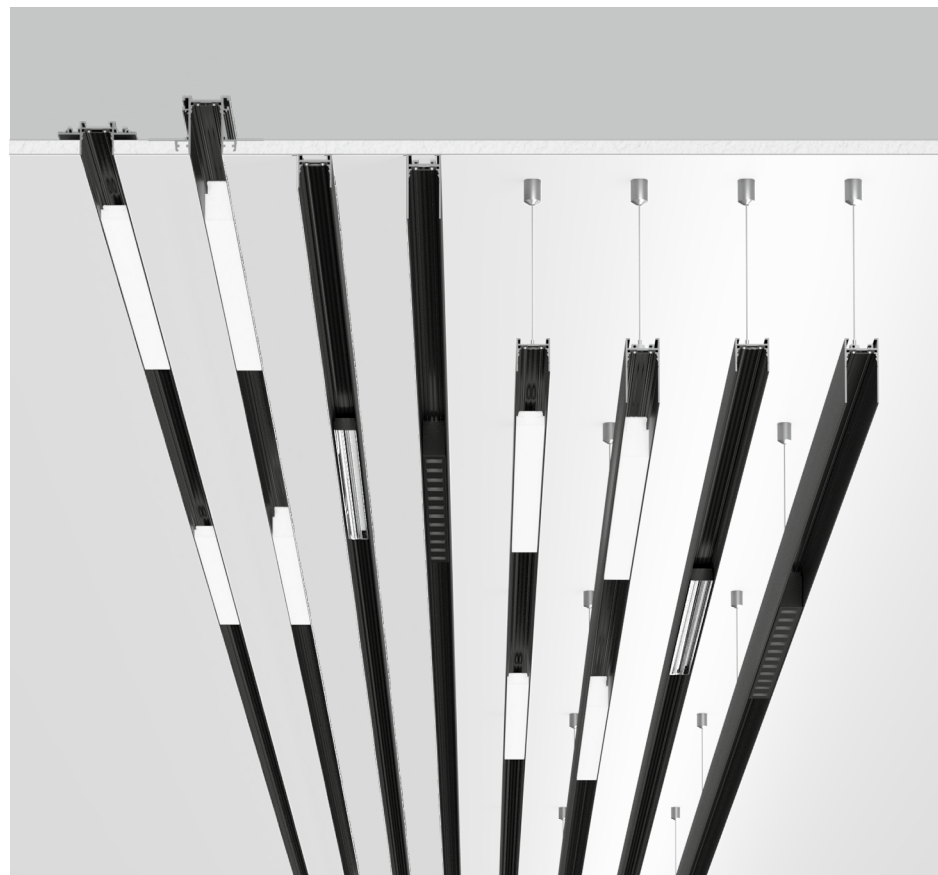
FR Avec le connecteur NODE, il vous est possible de créer divers motifs au plafond à partir d'un nombre de profilés MOVE IT 25 pouvant aller jusqu'à six par intersection. En reliant les profilés en angle de 60 ou 90°, on obtient de belles formes géométriques. Pour une optimisation supplémentaire de l'acoustique de la salle, le système MOVE IT Suspended peut facilement être étendu avec des éléments acoustiques triangulaires et carrés. Et pour une plus grande liberté de conception, rien de tel que les éléments incurvés et les raccords d'angle spéciaux pivotant de 35° vers la gauche et la droite.



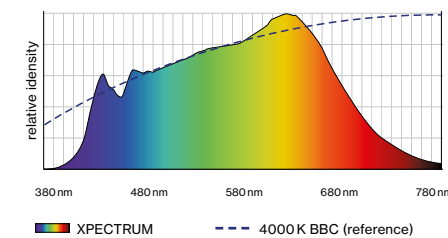
Mounting options

EN The slim, elegant MOVE IT 25 system offers a wide variety of installation options: as a trimless recessed or surface-mounted variant for wall or ceiling mounting and suspended at two depths. The direct/indirect variant provides additional homogeneous ceiling illumination.

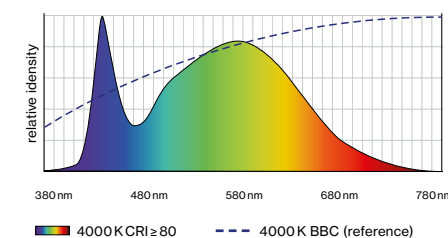
FR L'élégant et élancé système MOVE IT 25 offre une grande variété d'options de montage : comme variante sans bord à encastrier ou à monter au mur ou au plafond et en suspension à deux hauteurs. La variante directe/indirecte fournit un éclairage supplémentaire et homogène pour le plafond.



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 $R_f = 98$ and $R_g = 101$ further helps visual comfort.

FR La nouvelle LED XPECTRUM de XAL fournit une lumière saine et adaptée au rythme circadien. La réduction de la lumière bleue ainsi que l'augmentation des valeurs cyan réduisent le risque que représente pour l'œil la lumière bleue, retrouvant un niveau similaire à celui de la lumière du jour. Il en résulte un effet d'éclairage non visuel, dit mélanopique, qui favorise la concentration et améliore la qualité du sommeil. L'excellent rendu des couleurs de l'IES TM 30-15 $R_f = 98$ et $R_g = 101$ constitue un autre atout pour le confort visuel.



Optical accessories

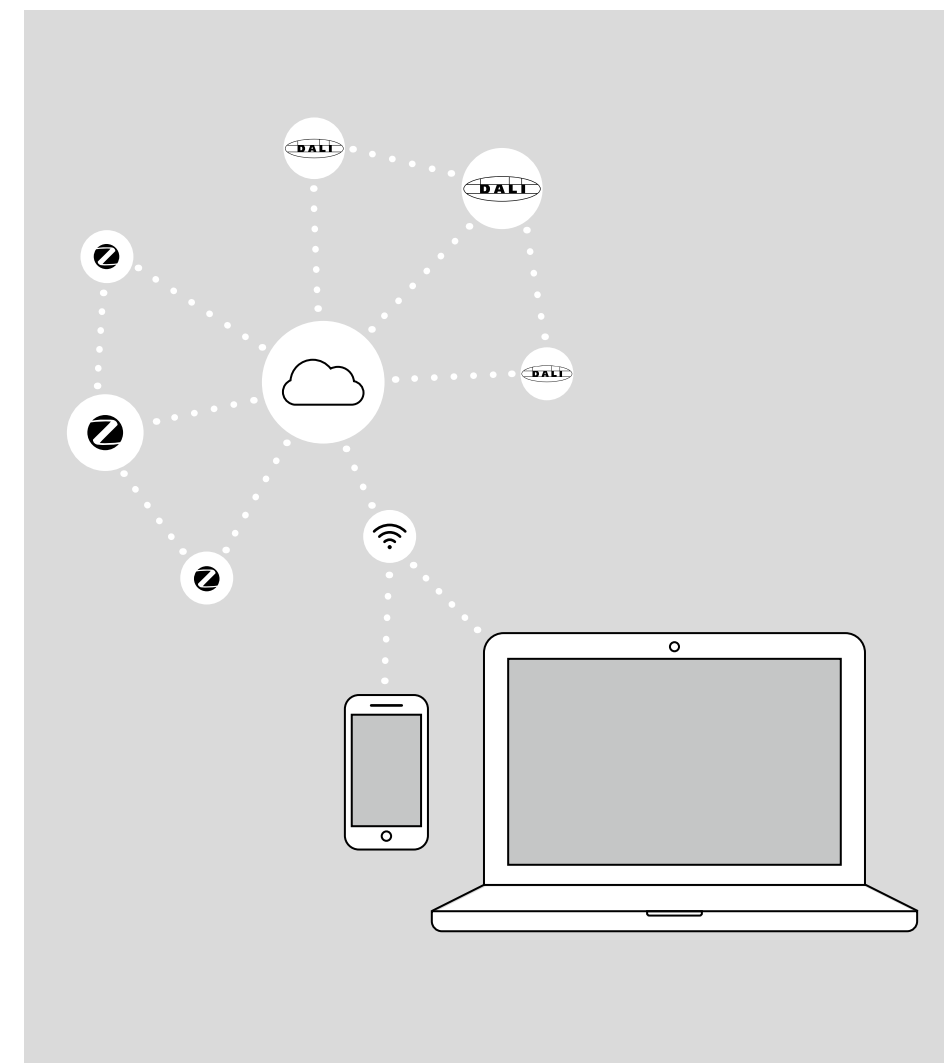
EN Use a wide range of optical accessories to adapt spotlights for special applications. The optical light accessories can be attached or removed in one easy step and provide glare-free light at any point.

FR Utilisez divers accessoires optiques pour adapter les spots pour des applications spéciales. Les accessoires optiques d'éclairage se posent ou se retirent en un tournemain et assurent à tout endroit un éclairage non éblouissant.

Control options

EN MOVE IT Insets are available with DALI-2 and can be controlled individually. Configuration and control are simply done via DALI. As the open DALI communication standard is fully supported, all compatible luminaires can be easily integrated into the system. The Wireless-to-DALI Inset enables wireless control of DALI luminaire systems by using a communication module.

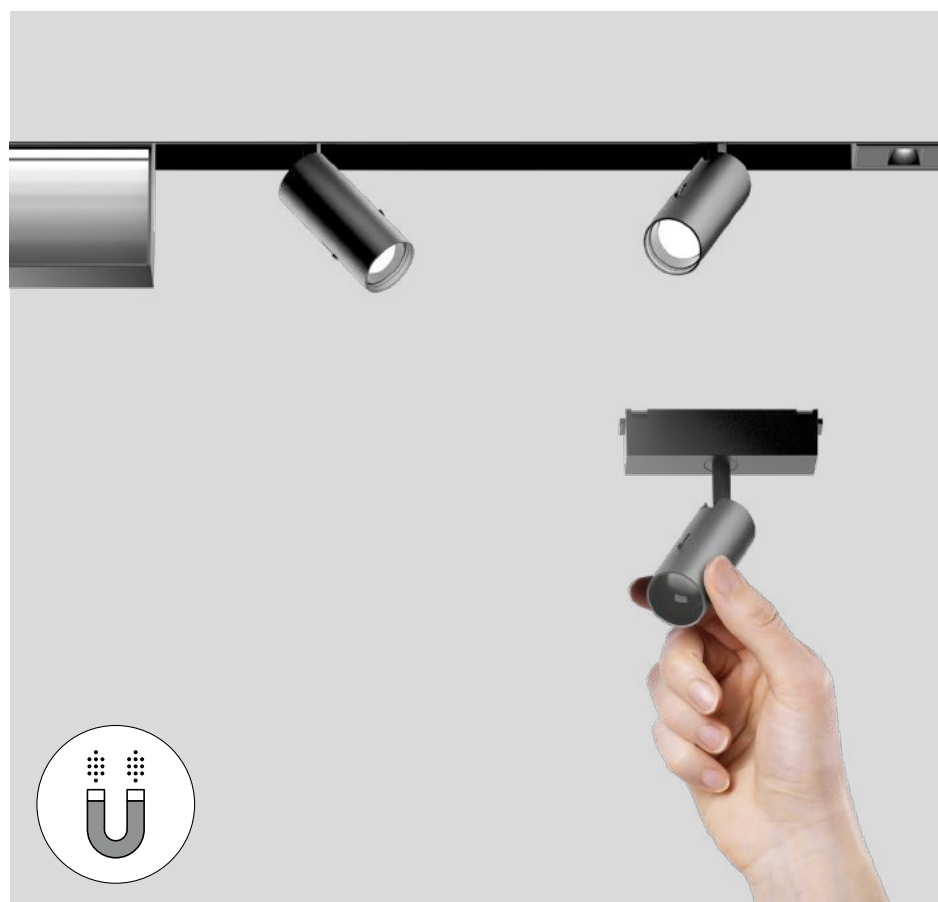
FR Les inserts MOVE IT sont disponibles avec DALI-2 et peuvent être commandés individuellement. La configuration et la commande se font via DALI, en toute simplicité. La norme de communication ouverte DALI étant pleinement prise en charge, tous les luminaires compatibles peuvent être facilement intégrés au système. L'insert Wireless to DALI permet la commande sans fil de systèmes de luminaires DALI au moyen d'un module de communication.



Magnetic attachment

EN MOVE IT Insets are mounted without tools and magnetically fixed within the profile. They can, therefore, be adjusted and adapted according to the lighting requirements with just one movement.

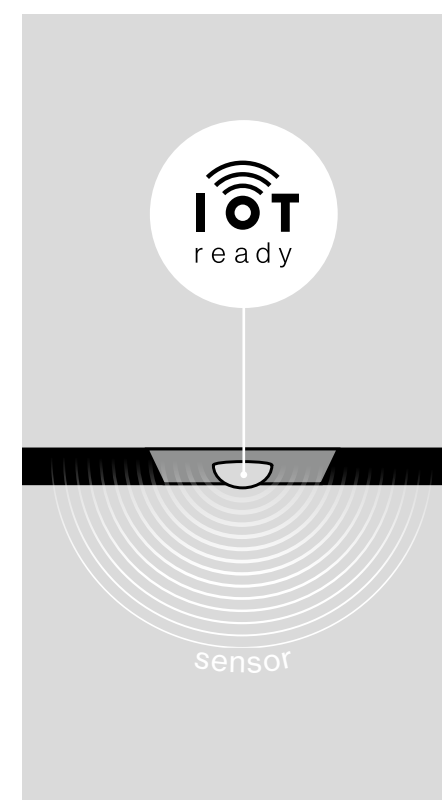
FR Les inserts MOVE IT se montent sans outil et se fixent par voie magnétique dans le profilé. Ainsi, ils peuvent être ajustés et adaptés à volonté en un tournemain – selon les exigences relatives à l'éclairage.



IoT ready

EN IoT ready refers to the possibility of equipping luminaires with smart sensor technology. You receive valuable information, such as your lighting system's energy consumption or your rooms' utilisation over the day. You can set shut-off delay times and brightness values or plan time-controlled light sequences. The sensor is magnetically inserted into the track system like a spotlight and can be individually configured without restriction by existing standards.

FR Le terme « IoT ready » signifie qu'il est possible d'équiper les luminaires d'une technologie de capteurs intelligents, qui fournit des informations précieuses telles que la consommation d'énergie de votre système d'éclairage ou l'utilisation de vos pièces au cours de la journée. Vous pouvez également définir des durées de fonctionnement de l'éclairage et des valeurs de luminosité, ou planifier des séquences lumineuses à durée définie. Inséré magnétiquement dans le système de rails comme le serait un projecteur, le capteur peut être configuré à volonté, sans être contraint par des normes existantes.



← back



MOVE IT 25 S system

trimless / surface / suspended

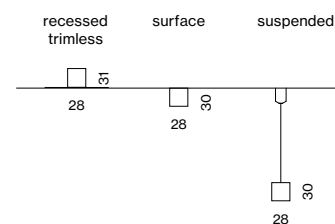
EN Thin extruded aluminium profile with 31mm height and 28mm width groove; optionally for trimless installation in plasterboard ceilings (wall or ceiling mounting) with 12.5mm ceiling thickness; or for wall-/ceiling surface mounting or suspended mounting (cable suspension, height adjustment without tools, incl. black feed); optional with indirect light component for additional accentuation of the ceiling; for lighting systems; linear, 90° angle connectors or 90° CURVE segment; with integrated power track profile for take off of supply voltage and DALI signal; surface anodised or powder coated; insets can be installed flexibly and without tools by means of magnetic holders + locking

FR Profil extrudé en aluminium plat avec 31mm de hauteur et 28mm de largeur de joint ; au choix pour un encastrément sans bord dans des plafonds en placoplâtre (montage mural ou au plafond) d'une épaisseur de 12,5mm ; ou pour un montage en surface au mur ou au plafond ou pour un montage suspendu (suspension par câble, réglage de la hauteur sans outil, câble d'alimentation noir inclus) ; en option avec composants lumineux indirects pour une accentuation supplémentaire du plafond ; pour les systèmes d'éclairage ; linéaire, connecteur d'angle 90° ou segment CURVE 90° ; avec profil de rail intégré pour fixation d'alimentation électrique et signal DALI ; surface anodisé ou thermolaquée ; montage flexible et sans outil de éléments grâce au support magnétique + verrouillage

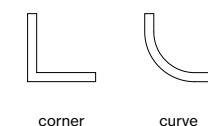
Quickinfo

3000K
CRI ≥ 90, 2 SDCM
up to 117lm/W
L80 @ 50 000h
non DIM, DALI-2

Types



connector



Colours



Order options

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR

● jet black RAL 9005

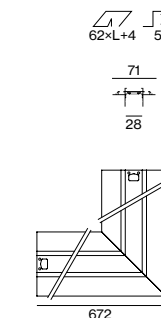
Options on request

CONNECTOR

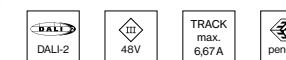
T-connector
X-connector

INSTALLATION TRACK

acoustic soft ceilings



MOVE IT 25 S trimless



INSTALLATION TRACK

L (mm)		ORDER CODE
617	channel	050-72120
1217	channel	050-72140
2417	channel	050-72180
3622	channel	050-72190
cust. cut	channel (non DIM)	E83131
cust. cut	channel (DALI-2)	E83141
672x645	channel corner* 90°	050-72110
661x661	channel corner* ceiling to wall 90°	050-72111

*incl. electrical connector set

Accessories

END CAPS

TYPE	ORDER CODE
end caps (pair)	050-7210008

BLIND COVER

L (mm)	ORDER CODE
1217	050-7004008
2417	050-7008008
3622	050-7009008
custom cut	E83000

blind cover can be shortened as desired

CONNECTOR SET

TYPE	ORDER CODE
linear connector (non DIM, DALI-2)	050-2031130
linear connector flexible	050-20321
mechanical linear connector (pair)	050-2011110

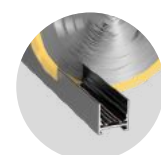
POWER FEEDER UNIT

TYPE	ORDER CODE
non DIM 2 × 2,5mm ²	050-2020110
DALI-2 2 × 2,5 + 2 × 0,5mm ²	050-2020130

cable length 500mm

Electrical accessories

see page 708



custom cut on building site

← back

Order options

CONTROL

non DIM	1
DALI-2	3

MATERIAL COLOUR

● jet black RAL 9005	8
● traffic white 9016 / jet black 9005 P	
● gold dust 260-M / jet black 9005 G	
● special colours* p.992 X	

*inside always in black

MATERIAL COLOUR ACCESSORIES

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

MATERIAL COLOUR CABLE SUSPENSION

chrome	0
black	8

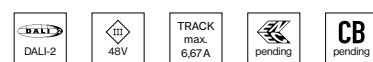
Options on request

CONNECTOR

T-connector	
X-connector	



MOVE IT 25 S surface/suspended



INSTALLATION TRACK / BLIND COVER

L (mm)		ORDER CODE
620	channel	050-73120
1220	channel	050-73140
2420	channel	050-73180
3625	channel	050-73190
cust. cut	channel (non DIM)	E83151
cust. cut	channel (DALI-2)	E83161
637x610	channel corner* 90°	050-73110
666x666	channel corner* ceiling to wall 90°	050-73111

*incl. electrical connector set

1217	blind cover	050-7004008
2417	blind cover	050-7008008
3622	blind cover	050-7009008
cust. cut	blind cover	E83000

CURVE CONNECTOR

TYPE	ORDER CODE
mechanical & electrical R 300 mm	050-731303
mechanical R 300 mm	050-731311

Accessories

END CAPS

TYPE	ORDER CODE
end caps (pair)	050-731000

CONNECTOR SET

TYPE	ORDER CODE
mechanical linear conn. incl. 1500mm cable susp.	050-201131
mechanical linear connector surface	050-2011210
mechanical & electrical linear connector	050-2031230
mechanical & electrical corner connector flex	050-2032238

POWER FEEDER UNIT

TYPE	ORDER CODE
non DIM 2x2,5mm ²	050-2022110
DALI-2 2x2,5 + 2x0,5mm ²	050-2022130

cable length 2000 mm

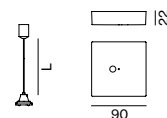
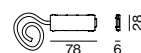
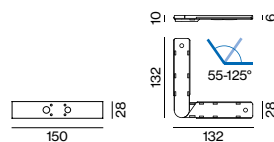
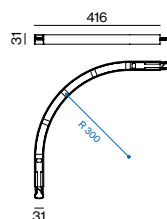
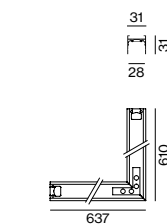
CEILING FASTENER / CABLE SUSPENSION / CANOPY

TYPE	L (mm)	ORDER CODE
ceiling fastener	10	050-204111
cable suspension	1500	005-215211
canopy		005-231121

*use every 1200 mm

Electrical accessories

see page 708



Order options

COLOUR TEMPERATURE

3000K	
-------	--

CONTROL

non DIM	1
DALI-2	3

MATERIAL COLOUR

● jet black RAL 9005	8
● traffic white 9016 / jet black 9005 P	
● gold dust 260-M / jet black 9005 G	
● special colours* p.992 X	

*inside always in black

MATERIAL COLOUR ACCESSORIES

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

MATERIAL COLOUR CABLE SUSPENSION

chrome	0
black	8

Options on request

COLOUR RENDERING INDEX

CRI ≥ 98 XPECTRUM	
-------------------	--

COLOUR TEMPERATURE

2700K	
4000K	
tunable white 2700-6500K*	

*DALI-2 DT8

CONNECTOR

T-connector	
X-connector	



MOVE IT 25 S suspended indirect



INSTALLATION TRACK INDIRECT

L (mm)	SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
620	6.2W	638lm	050-74125
1220	15W	1790lm	050-74145
2420	33W	3830lm	050-74185
3625	50W	5745lm	050-74195
637x610	13W	1530lm	050-74110

corner* no custom cut on building side; *incl. electrical connector set

1217	blind cover	050-7004008
2417	blind cover	050-7008008
3622	blind cover	050-7009008
cust. cut	blind cover	E83000

Accessories

END CAPS

TYPE	ORDER CODE
end caps (pair)	050-731000

CONNECTOR SET

TYPE	ORDER CODE
mechanical linear conn. incl. 1500mm cable susp.	050-201131
mechanical & electrical linear connector	050-2031230
mechanical & electrical corner connector flex	050-2032238

POWER FEEDER UNIT

TYPE	ORDER CODE
non DIM 2x2,5mm ²	050-2022110
DALI-2 2x2,5 + 2x0,5mm ²	050-2022130

cable length 2000 mm

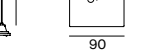
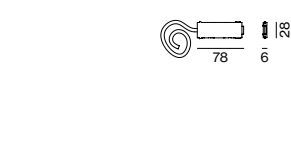
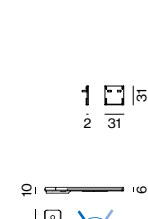
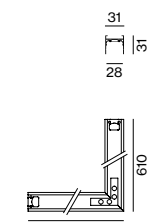
CABLE SUSPENSION / CANOPY

TYPE	L (mm)	ORDER CODE
cable suspension	1500	005-215211
canopy		005-231121

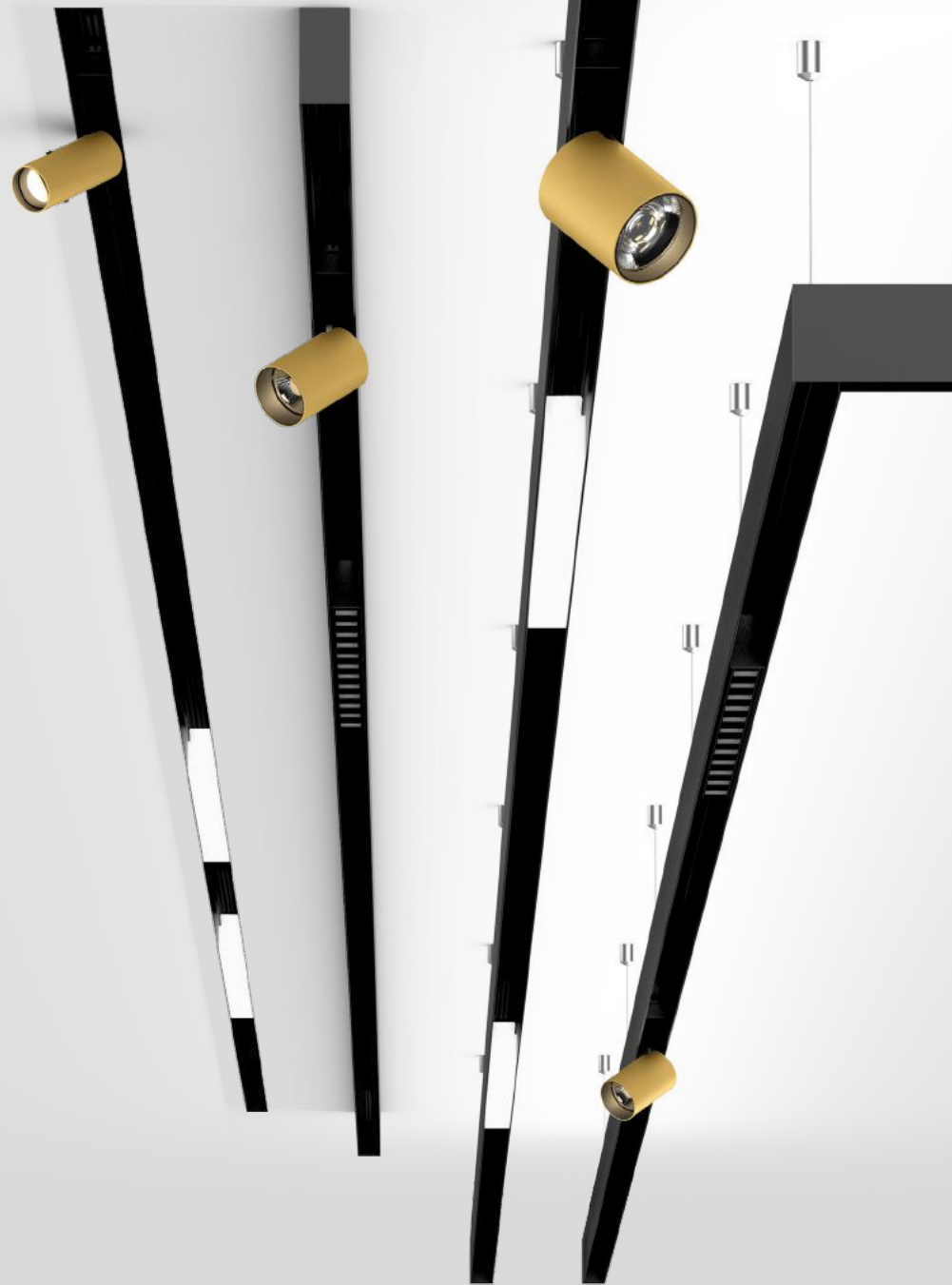
*use every 1200 mm

Electrical accessories

see page 708



back



MOVE IT 25 system

trimless / surface / suspended

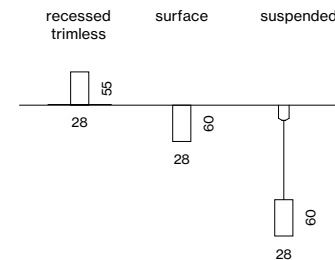
EN Extruded aluminium profile with 28 mm width groove; for trimless installation in plasterboard ceilings (wall or ceiling mounting) with 12.5 mm ceiling thickness; or for wall-/ceiling surface mounting or suspended mounting (cable suspension, height adjustment without tools, incl. black feed); optional indirect light component for additional accentuation of the ceiling; for lighting systems; linear, 90° angle connectors or 90° CURVE segment; node connectors, up to 6 profile connection options; with power track profile for take off of supply voltage and DALI signal; surf. anod. or powder coated; insets can be installed flexibly and without tools by means of magnetic holders + locking; sound absorbing accessories available

FR Profil extrudé en aluminium avec 28 mm de largeur de joint ; pour montage sans bord dans des plafonds en plâtré (muraux ou au plafond) de 12,5 mm ; ou pour un montage en surface au mur ou au plafond ou pour un montage suspendu (suspension par câble, réglage de la hauteur sans outil, câble d'alimentation noir inclus) ; en option composants lumineux indirects pour une accentuation supplémentaire du plafond ; pour les systèmes d'éclairage ; linéaire, connecteur d'angle 90° ou segment CURVE 90° ; jonctions avec jusqu'à 6 options de raccordement ; avec profil de rail pour la captation de la tension d'alimentation et signal DALI ; surf. anod. ou thermolaquée ; montage flexible et sans outil de éléments grâce au support magnétique + verrouillage ; accessoires doté de propriétés d'absorption acoustique

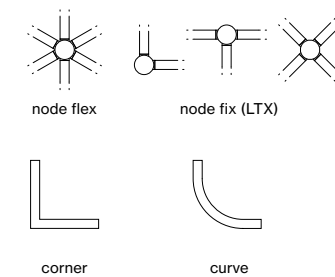
Quickinfo

3000K
CRI ≥ 90, 2 SDCM
up to 117 lm/W
L80 @ 50 000 h
non DIM, DALI-2

Types



connectors



Colours



Order options

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR

● jet black RAL 9005

Options on request

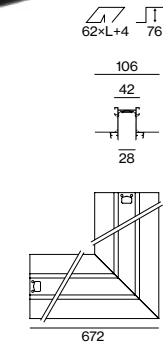
CONNECTOR

T-connector

X-connector

INSTALLATION TRACK

acoustic soft ceilings



MOVE IT 25 trimless



INSTALLATION TRACK

L (mm)		ORDER CODE
617	channel	050-72020-8
1217	channel	050-72040-8
2417	channel	050-72080-8
3622	channel	050-72090-8
cust. cut	channel (non DIM)	E83031-8
cust. cut	channel (DALI-2)	E83041-8
672x645	channel corner* 90°	050-72010-8
661x661	channel corner* ceiling to wall 90°	050-72011-8

*incl. electrical connector set

Accessories

END CAPS

TYPE	ORDER CODE
end caps (pair)	050-7200008

BLIND COVER

L (mm)	ORDER CODE
1217	050-7004008
2417	050-7008008
3622	050-7009008
custom cut	E83000-8B

blind cover can be shortened as desired

CONNECTOR SET

TYPE	ORDER CODE
linear connector (non DIM, DALI-2)	050-2031130
linear connector flexible	050-20321-0
mechanical linear connector (pair)	050-2011110

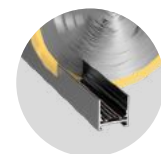
POWER FEEDER UNIT

TYPE	ORDER CODE
non DIM 2 × 2,5 mm ²	050-2020110
DALI-2 2 × 2,5 + 2 × 0,5 mm ²	050-2020130

cable length 500 mm

Electrical accessories

see page 708



custom cut on building site



acoustic elements (p. 772)

← back

Order options

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR
INSTALLATION TRACK

● jet black RAL 9005	8
● traffic white 9016 / jet black 9005 P	
● gold dust 260-M / jet black 9005 G	
● special colours* p.992 X	

*inside always in black

MATERIAL COLOUR
NODE CONNECTOR

○ traffic white RAL 9016	7
● jet black RAL 9005	8
● special colours p.992 X	

MATERIAL COLOUR
NODE LTX / END CAP

● jet black RAL 9005	8
● traffic white 9016 / jet black 9005 P	
● special colours p.992 X	

MATERIAL COLOUR
ACCESSORIES

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

MATERIAL COLOUR
CABLE SUSPENSION

chrome	0
black	8

NODE CONNECTOR
MOUNTING TYPE

surface*	1
1500 mm cable susp. chrome	3
1500 mm cable susp. black	4

*only for L/T/X

Electrical accessories

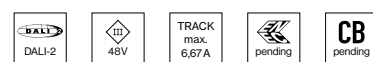
see page 708

Acoustic elements

see page 772



MOVE IT 25 surface/suspended



INSTALLATION TRACK / BLIND COVER

L (mm)		ORDER CODE
620	channel	050-73020
1220	channel	050-73040
2420	channel	050-73080
3625	channel	050-73090
cust. cut	channel (non DIM)	E83051
cust. cut	channel (DALI-2)	E83061
637x610	channel corner* 90°	050-73010
666x666	channel corner* ceiling to wall 90°	050-73011

*incl. electrical connector set

1217	blind cover	050-7004008
2417	blind cover	050-7008008
3622	blind cover	050-7009008
cust. cut	blind cover	E83000

CURVE CONNECTOR

TYPE	ORDER CODE
mechanical & electrical R 300 mm	050-730303
mechanical R 300 mm	050-730311

Accessories

TYPE	ORDER CODE
end caps (pair)	050-730000

FLEX NODE CONNECTOR

TYPE	ORDER CODE
FLEX NODE surface mounted	050-203333
FLEX NODE surface mounted incl. feeder	050-202243
FLEX NODE cable suspension 1500 mm	050-20331
FLEX NODE cable susp. 1500 mm incl. feeder	050-20222
NODE end cap* incl. electrical connector	050-730010

*order for every node connection (channel to node) 1 end cap

FIX NODE CONNECTOR

TYPE	ORDER CODE
L NODE incl. end cap & electrical connector	050-73054
T NODE incl. end cap & electrical connector	050-73052
X NODE incl. end cap & electrical connector	050-73053

CONNECTOR SET

TYPE	ORDER CODE
mechanical linear conn. incl. 1500 mm cable susp.	050-201131
mechanical linear connector surface	050-2011210
mechanical & electrical linear connector	050-2031230
mechanical & electrical corner connector flex	050-2032238

POWER FEEDER UNIT

TYPE	ORDER CODE
non DIM 2x2,5 mm ²	050-2022110
DALI-2 2x2,5 + 2x0,5 mm ²	050-2022130

cable length 2000 mm

CEILING FASTENER / CABLE SUSPENSION / CANOPY

TYPE	L (mm)	ORDER CODE
ceiling fastener	10	050-204111
cable susp. (use every 1200 mm)	1500	005-215211
canopy		005-231121

Order options

COLOUR TEMPERATURE

3000K

CONTROL

non DIM	1
DALI-2	3

MATERIAL COLOUR
INSTALLATION TRACK

● jet black RAL 9005	8
● traffic white 9016 / jet black 9005 P	
● gold dust 260-M / jet black 9005 G	
● special colours* p.992 X	

*inside always in black

MATERIAL COLOUR
NODE CONNECTOR

○ traffic white RAL 9016	7
● jet black RAL 9005	8
● special colours p.992 X	

MATERIAL COLOUR
NODE LTX / END CAP

● jet black RAL 9005	8
● traffic white 9016 / jet black 9005 P	
● special colours p.992 X	

MATERIAL COLOUR
ACCESSORIES

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

MATERIAL COLOUR
CABLE SUSPENSION

chrome	0
black	8

NODE CONNECTOR
MOUNTING TYPE

surface*	1
1500 mm cable susp. chrome	3
1500 mm cable susp. black	4

*only for L/T/X

Options on request

COLOUR RENDERING INDEX

CRI ≥ 98 XPECTRUM

COLOUR TEMPERATURE

2700K	
4000K	
tunable white 2700–6500 K*	

*DALI-2 DT8

LUMINOUS FLUX value calculated for 3000K, CRI ≥ 90, colour white/black



MOVE IT 25 suspended indirect



INSTALLATION TRACK INDIRECT

L (mm)	SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
620	6.2 W	638 lm	050-74025
1220	15 W	1790 lm	050-74045
2420	33 W	3830 lm	050-74085
3625	50 W	5745 lm	050-74095
637x610	13 W	1530 lm	050-74010

*incl. electrical connector set

1217	blind cover	050-7004008
2417	blind cover	050-7008008
3622	blind cover	050-7009008
cust. cut	blind cover	E83000

Accessories

END CAPS

TYPE	ORDER CODE
end caps (pair)	050-730000

FLEX NODE CONNECTOR

TYPE	ORDER CODE
FLEX NODE cable suspension 1500 mm	050-20331
FLEX NODE cable susp. 1500 mm incl. feeder	050-20222
FLEX NODE end cap* incl. electrical connector	050-730010

*order for every node connection (channel to node) 1 end cap

FIX NODE CONNECTOR

TYPE	ORDER CODE
L NODE incl. end cap & electrical connector	050-73054
T NODE incl. end cap & electrical connector	050-73052
X NODE incl. end cap & electrical connector	050-73053

CONNECTOR SET

TYPE	ORDER CODE
mechanical linear conn. incl. 1500 mm cable susp.	050-201131
mechanical & electrical linear connector	050-2031230
mechanical & electrical corner connector flex	050-2032238

POWER FEEDER UNIT

TYPE	ORDER CODE
non DIM 2x2,5 mm ²	050-2022110
DALI-2 2x2,5 + 2x0,5 mm ²	050-2022130

cable length 2000 mm

CABLE SUSPENSION / CANOPY

TYPE	L (mm)	ORDER CODE
cable suspension*	1500	005-215211
canopy		005-231121

*use every 1200 mm

Electrical accessories

see page 708

Acoustic elements

see page 772

← back

Order options

CONTROL ▾

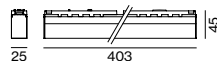
non DIM	1
DALI-2	3

MATERIAL COLOUR ▣

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

Electrical accessories

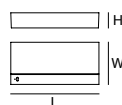
POWER SUPPLY INTRACK supply 220-240 V AC, 48 V, 50-60 Hz



TYPE	EFFICIENCY	MOUNTING	L-W-H (mm)	ORDER CODE
100W □ PC II η 92%		intrack	403-26-46	050-2071038
150W □ PC II η 92%		intrack	403-26-46	050-2071138

ENEC approved, incl. feeder cable 2000mm; DALI-2 SELV device integrated

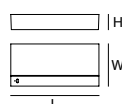
POWER SUPPLY SURFACE supply 220-240 V AC, 48 V, 50-60 Hz



TYPE	EFFICIENCY	MOUNTING	L-W-H (mm)	ORDER CODE
60W □ PC II η 88%		surface	305-144-54	050-20551
100W □ PC II η 92%		surface	455-104-40	050-20554
150W □ PC II η 92%		surface	455-104-40	050-20552
250W □ PC II η 93%		surface	455-104-40	050-20555
320W ⊕ PC I η 94%		surface	305-144-54	050-20553

ENEC approved, incl. feeder cable 2000mm; DALI-2 SELV device integrated

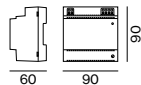
POWER SUPPLY EXTERNAL supply 220-240 V AC, 48 V, 50-60 Hz



TYPE	EFFICIENCY	MOUNTING	L-W-H (mm)	ORDER CODE
60W □ PC II η 88%		external	163-43-32	002-62133
100W □ PC II η 92%		external	350-30-18	002-62134
150W □ PC II η 92%		external	350-30-18	002-62135
250W □ PC II η 93%		external	400-40-22	002-62139
320W ⊕ PC I η 94%		external	252-90-44	002-60320

ENEC approved, incl. feeder cable 2000mm

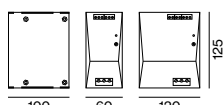
DIN RAIL POWER SUPPLY BASIC 48 V



220-240 V | 50-60 Hz | □ PC II | MTBF @ 55° ambient temperature

TYPE	EFFICIENCY / MTBF	W-H-D (mm)	ORDER CODE
96W	η 89% / > 300.000h	90-90-60	005-6520010

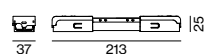
DIN RAIL POWER SUPPLY PRO 48 V



220-240 V | 50-60 Hz | ⊕ PC I | MTBF @ 55° ambient temperature
cascadable max. 5 devices (240 W) or 3 devices (480 W)

TYPE	EFFICIENCY / MTBF	W-H-D (mm)	ORDER CODE
240W	η 92% / > 400.000h	60-125-100	005-6220110
480W	η 93% / > 350.000h	120-125-100	005-6220210

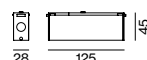
DALI-2 SELV DEVICE



TYPE	L-W-H (mm)	ORDER CODE
control unit	213-37-25	050-2061130

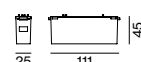
necessary to create DALI-2 SELV signal; DALI power supply integrated

DALI SENSOR



TYPE	L-W-H (mm)	ORDER CODE
ESSENTIAL sensor (brightness & presence)	125-28-45	050-2063178

WIRELESS TO DALI-2 CONTROL DEVICE



TYPE	L-W-H (mm)	ORDER CODE
Zigbee 3.0	111-25-45	050-2065130
Casambi	111-25-45	050-2065230

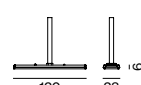
DALI-2 SELV device required

WIRELESS TO DALI-2 REPEATER



TYPE	L-W-H (mm)	ORDER CODE
Zigbee 3.0	111-25-45	050-2066130
Casambi	111-25-45	050-2066230

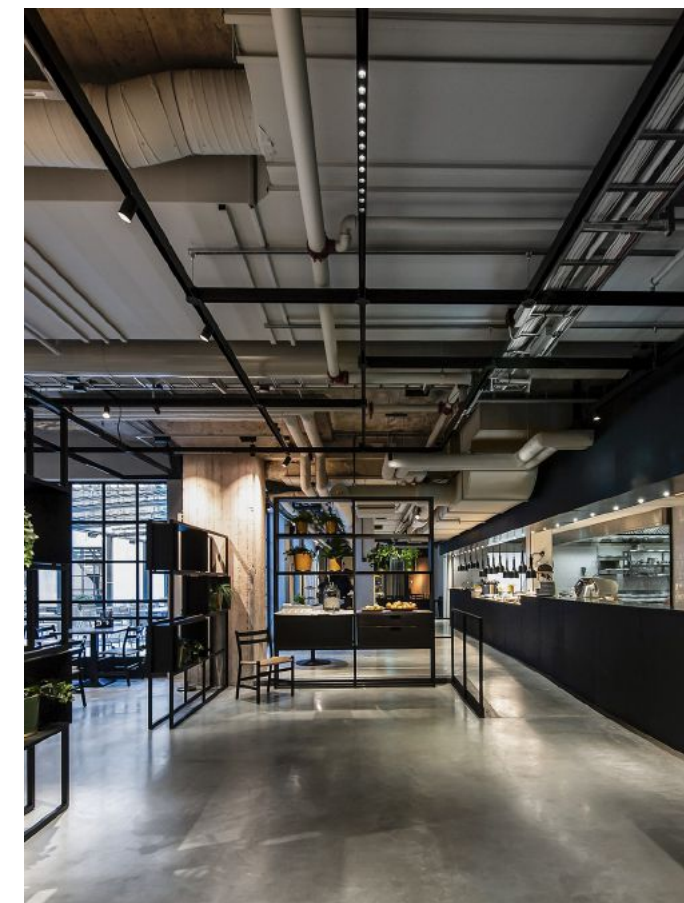
MIDDLE FEED



TYPE	ORDER CODE
non DIM 2x2,5mm ²	050-2038110
DALI-2 2x2,5 + 2x0,5mm ²	050-2038130

cable length 2000mm

Blique by Nobis
Stockholm, SE –
by Wingårdhs



← back



JUST
spotlight inset 25/25 S

Quickinfo

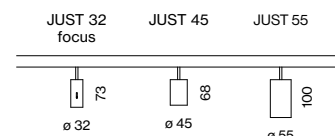
2700K, 3000K, 4000K, TW, CWD
CRI ≥ 90, 2 SDCM
non DIM, DALI-2

L95 @ 50 000h
JUST 32 focus up to 47lm/W

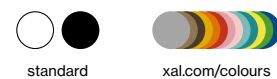
L80 @ 50 000h
JUST 45 up to 72lm/W

L90 @ 50 000h
JUST 55 up to 75lm/W

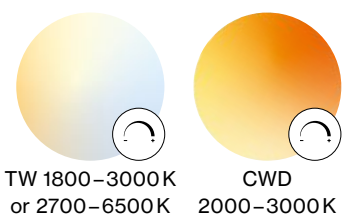
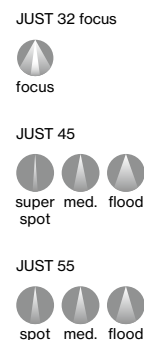
Types



Colours



Light distributions



Order options

COLOUR TEMPERATURE

2700K	4
3000K	5
4000K	6
colour warm dim. 2000-3000K*	
tunable white 1800-3000K**	
tunable white 2700-6500K**	

*DALI-2 **DALI-2 DT8

CONTROL

non DIM	1
DALI-2	3

MATERIAL COLOUR

○ traffic white RAL 9016	7
● jet black RAL 9005	8
● special colours p. 992	X

BEAM ANGLE JUST 45

medium 23°	M
flood 44°	F

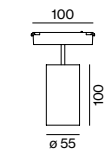
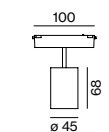
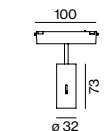
BEAM ANGLE JUST 55

spot 16°	S
medium 28°	M
flood 37°	F

Options on request

OPTICAL ACCESSORIES
elliptical sculpture foil
snoot
colour filter (red, blue, green, etc.)
only for JUST 32 focus

INSET POWER in watts is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for 3000K, CRI ≥ 90, colour white, lens flood
2700K -5%, 4000K +5%



JUST 32 focus 17-43°



SPOTLIGHT

INSET POWER	LUMINOUS FLUX	ORDER CODE
8.3W	393lm	050-01111

JUST 45



SPOTLIGHT

INSET POWER	LUMINOUS FLUX	ORDER CODE
6.1W super spot 8°	297lm	050-01313
11W	788lm	050-01311
12W CWD 2000-3000K	430lm	050-0131E3
11W TW 1800-3000K	555lm	050-0131L3
11W TW 2700-6500K	683lm	050-0131D3

JUST 55



SPOTLIGHT

INSET POWER	LUMINOUS FLUX	ORDER CODE
15.9W	1300lm	050-01433
30W	2090lm	050-01423

Optical accessories

HONEYCOMB LOUVER

TYPE	Ø-H (mm)	ORDER CODE
JUST 32 focus	30·4	007-1965168
JUST 45	42·3	007-1965188
JUST 55	50·3	007-1965598



Hotel & Restaurant Mühlthof
Neufelden, AT –
by AllesWirdGut Architekten



Private Residence Århus, DK –
by Friis Moltke Architects
with lighting design by anker & co



Petersen Tegl Copenhagen, DK –
by Annette Petersen & Peter Zinck
with lighting design by anker & co



Office of ENTASIS Architects
Copenhagen, DK –
by Christian Cold including lighting
design by Christian Cold / anker & co



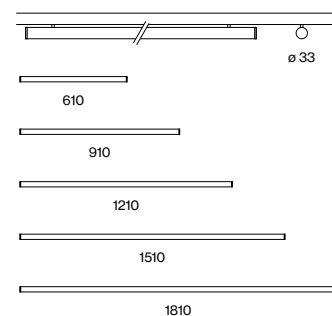
← back



Quickinfo

2700 K, 3000 K, TW
 CRI ≥ 90, 3 SDCM
 up to 146 lm/W
 L90 @ 50 000 h
 non DIM, DALI-2

Types



Colour



Light distribution



Order options

COLOUR TEMPERATURE

2700 K	4
3000 K	5
tunable white 1800–4000 K*	L

*DALI-2 DT8

CONTROL

non DIM	1
DALI-2	3

MATERIAL COLOUR

● jet black RAL 9005

Options on request

COLOUR RENDERING INDEX

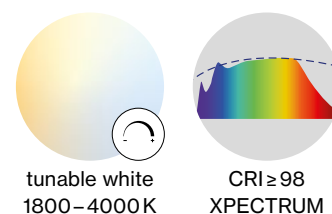
CRI ≥ 98 XPECTRUM

COLOUR TEMPERATURE

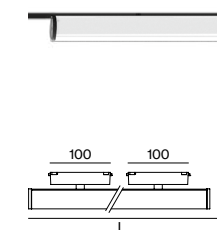
4000 K

MATERIAL COLOUR

○ traffic white RAL 9016



LUMINOUS FLUX value calculated for CRI ≥ 90, colour black

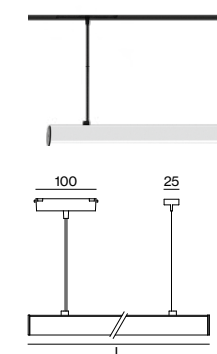


LIGHT INSET 25 S



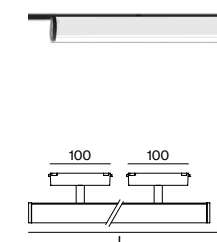
PIVOT

INS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
10 W	2700 K	1260 lm	610	0 5 0 - 1 3 1 2 :: 8 0
	3000 K	1260 lm		
13 W	2700 K	1900 lm	910	0 5 0 - 1 3 1 3 :: 8 0
	3000 K	1890 lm		
17 W	2700 K	2530 lm	1210	0 5 0 - 1 3 1 4 :: 8 0
	3000 K	2530 lm		
22 W	2700 K	3160 lm	1510	0 5 0 - 1 3 1 5 :: 8 0
	3000 K	3160 lm		
26 W	2700 K	3790 lm	1810	0 5 0 - 1 3 1 6 :: 8 0
	3000 K	3790 lm		



PIVOT SUSPENDED

INS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
10 W	2700 K	1260 lm	610	0 5 0 - 0 3 2 2 :: 8 0
	3000 K	1260 lm		
13 W	2700 K	1900 lm	910	0 5 0 - 0 3 2 3 :: 8 0
	3000 K	1890 lm		
17 W	2700 K	2530 lm	1210	0 5 0 - 0 3 2 4 :: 8 0
	3000 K	2530 lm		
22 W	2700 K	3160 lm	1510	0 5 0 - 0 3 2 5 :: 8 0
	3000 K	3160 lm		

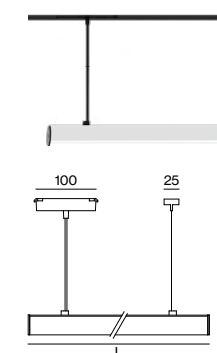


LIGHT INSET 25



PIVOT

INS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
10 W	2700 K	1260 lm	610	0 5 0 - 0 3 1 2 :: 8 0
	3000 K	1260 lm		
13 W	2700 K	1900 lm	910	0 5 0 - 0 3 1 3 :: 8 0
	3000 K	1890 lm		
17 W	2700 K	2530 lm	1210	0 5 0 - 0 3 1 4 :: 8 0
	3000 K	2530 lm		
22 W	2700 K	3160 lm	1510	0 5 0 - 0 3 1 5 :: 8 0
	3000 K	3160 lm		
26 W	2700 K	3790 lm	1810	0 5 0 - 0 3 1 6 :: 8 0
	3000 K	3790 lm		



PIVOT SUSPENDED

INS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
10 W	2700 K	1260 lm	610	0 5 0 - 0 3 2 2 :: 8 0
	3000 K	1260 lm		
13 W	2700 K	1900 lm	910	0 5 0 - 0 3 2 3 :: 8 0
	3000 K	1890 lm		
17 W	2700 K	2530 lm	1210	0 5 0 - 0 3 2 4 :: 8 0
	3000 K	2530 lm		
22 W	2700 K	3160 lm	1510	0 5 0 - 0 3 2 5 :: 8 0
	3000 K	3160 lm		



PIVOT
 graphic light inset 25/25 S



Autodesk Krakow, PL –
by The Design Group with
lighting design by Plus Lighting





Büroausbau in Soho
London, UK – by Design Haus
Liberty / DHL with lighting design
by Alkestie Skarlatou, lightinspace



The Raum Bolzano, IT –
by bergundtal gmbh.

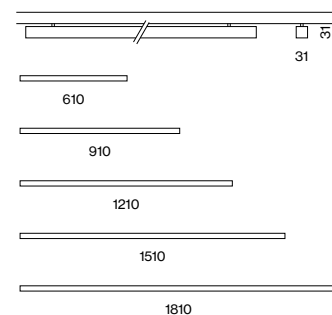


Design Fair Marbella, ES –
by Welcome Design



Quickinfo

non DIM, DALI-2

Types**Colours****Order options**

CONTROL	
non DIM	1
DALI-2	3

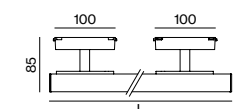
MATERIAL COLOUR

● jet black RAL 9005	8
● traffic white 9016 / jet black 9005 P	
● gold dust 260-M / jet black 9005 G	
● special colours* ● p. 992	X

*inside always in black

MOVE IT 25 S**FLEXTRACK**

L (mm)	ORDER CODE
610	050-45120
910	050-45130
1210	050-45140
1510	050-45150
1810	050-45160

MOVE IT 25**FLEXTRACK**

L (mm)	ORDER CODE
610	050-45020
910	050-45030
1210	050-45040
1510	050-45050
1810	050-45060

**FLEXTRACK**

system extension 25/25S

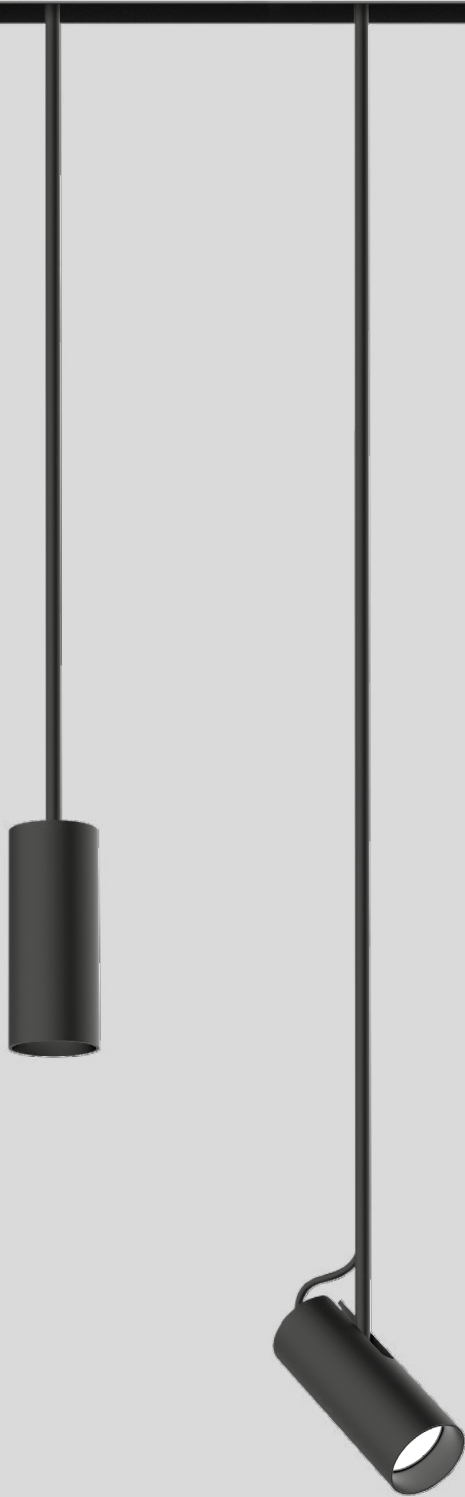
EN Thin extruded aluminium profile with 31mm height and 28mm width groove; with integrated power track profile for take off of supply voltage and DALI signal; surface anodised or powder coated; for installation in two MOVE IT 25 or 25 S profiles; profile can be installed and moved without tools by means of magnetic holders+locking; mount 360° rotatable and freely slidable on one end; light insets can be installed flexibly and without tools by means of magnetic holders+locking

FR Profil extrudé en aluminium plat avec 31mm de hauteur et 28mm de largeur de joint ; avec profil de rail intégré pour fixation d'alimentation électrique et signal DALI ; surface anodisée ou thermolaquée ; à encastrier dans deux profils MOVE IT 25 ou MOVE IT 25 S ; l'profilé peut être inséré et déplacé sans outil grâce au support magnétique + verrouillage ; fixation rotatif à 360° et coulissante à volonté sur une extrémité ; montage flexible et sans outil de éléments lumineux grâce au support magnétique + verrouillage

Jewelery + Optical Store
Ludwigsburg, DE –
by Ippolito Fleitz Group –
Identity Architects



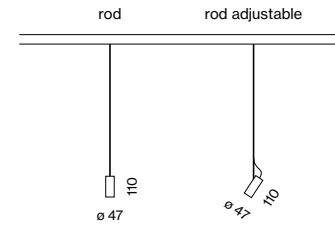
← back



Quickinfo

2700 K, 3000 K, 4000 K, TW
 CRI ≥ 90, 3 SDCM
 up to 84 lm/W
 L90 @ 50 000 h
 non DIM, DALI-2

Types



Colours



Light distributions



Order options

CABLE SUSPENSION

1500 mm	5
2000 mm with hook*	6

*one ring included

COLOUR TEMPERATURE

2700 K	4
3000 K	5
4000 K	6
tunable white 2200–4000 K*	

*DALI-2 DT8

CONTROL

non DIM	1
DALI-2	3

MATERIAL COLOUR

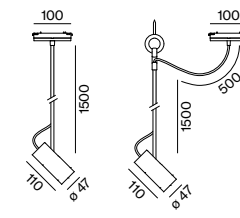
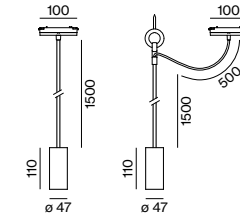
○ traffic white RAL 9016	7
● jet black RAL 9005	8
● special colours p. 992	X

ACCESSORY COLOUR

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

BEAM ANGLE

medium 25°	M
flood 44°	F



ARY rod



DOWNLIGHT

INSET POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
14 W	2700 K	1050 lm	0 5 0 - 0 2 1
	3000 K	1100 lm	
	4000 K	1180 lm	
5.4 W TW	2200–4000 K	284 lm	0 5 0 - 0 2 1 D 3

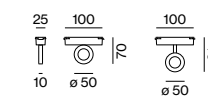
ARY rod adjustable



SPOTLIGHT

INSET POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
14 W	2700 K	1050 lm	0 5 0 - 0 3 1
	3000 K	1100 lm	
	4000 K	1180 lm	
5.4 W TW	2200–4000 K	284 lm	0 5 0 - 0 3 1 D 3

Mounting accessories



RING track mounted

TYPE	Ø-H (mm)	ORDER CODE
MOVE IT 25 S	50-70	0 5 0 - 1 5 1 0 1 1
MOVE IT 25	50-91	0 5 0 - 0 5 1 0 1 1

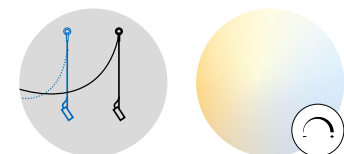


RING ceiling mounted

TYPE	Ø-H (mm)	ORDER CODE
MOVE IT 25S/25	50-88	0 5 0 - 0 5 1 0 2 1



ARY rod
 decorative inset 25/25 S



free positioning by ring and hook tunable white 2200 – 4000 K

LUMINOUS FLUX value calculated for CRI ≥ 90, colour white, lens flood

← back



 red dot winner 2020

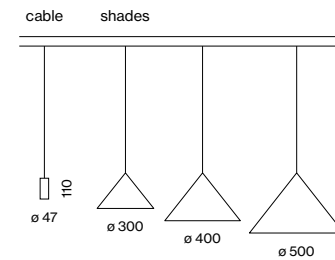
 DESIGN AWARD 2020

ARY cable
decorative inset 25/25 S

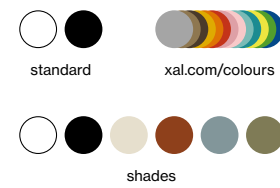
Quickinfo

2700 K, 3000 K, 4000 K, TW
CRI ≥ 90, 3 SDCM
up to 84 lm/W
L90 @ 50 000 h
non DIM, DALI-2

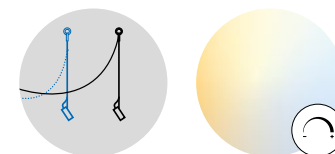
Types



Colours




Light distributions




free positioning by ring and hook tunable white 2200 – 4000 K

Order options

CABLE SUSPENSION 

1500 mm	5
2000 mm with hook*	6

*one ring included


COLOUR TEMPERATURE 



2700 K	4
3000 K	5
4000 K	6
tunable white 2200–4000 K*	


*DALI-2 DT8

CONTROL 

non DIM	1
DALI-2	3

MATERIAL COLOUR 


○ traffic white RAL 9016	7
● jet black RAL 9005	8
 special colours  p. 992	X

ACCESSORY COLOUR 

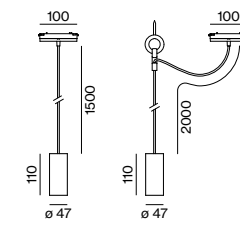
○ traffic white RAL 9016	7
● jet black RAL 9005	8

BEAM ANGLE 

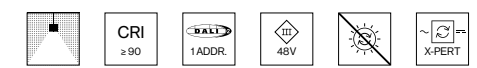
medium 25°	M
flood 44°	F

SHADE COLOUR 



● velvet beige RAL 085 80 10	C
● madeira brown RAL 050 40 40	T
● kingfisher grey RAL 230 60 10	L
● woodpecker olive RAL 1050 20	G
○ signal white RAL 9003	W
● signal black RAL 9004	B



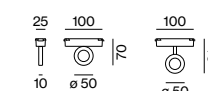
ARY cable





DOWNLIGHT

INSET POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
14 W	2700 K	1050 lm	0 5 0 - 0 5 1 1 1 
	3000 K	1100 lm	
	4000 K	1180 lm	
5.4 W TW	2200–4000 K	284 lm	0 5 0 - 0 5 1 1 D 3 

Mounting accessories




RING track mounted

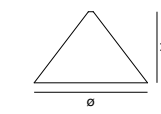
TYPE	Ø-H (mm)	ORDER CODE
MOVE IT 25 S	50-70	0 5 0 - 1 5 1 0 1 1 
MOVE IT 25	50-91	0 5 0 - 0 5 1 0 1 1 






RING ceiling mounted

TYPE	Ø-H (mm)	ORDER CODE
MOVE IT 25S/25	50-88	0 5 0 - 0 5 1 0 2 1 

Optical accessories



SHADE

TYPE	Ø-H (mm)	ORDER CODE
cone 300	300-188	0 4 9 - 5 9 3 3 1 1 
cone 400	400-253	0 4 9 - 5 9 3 4 1 1 
cone 500	500-318	0 4 9 - 5 9 3 5 1 1 

only available for ARY cable

LUMINOUS FLUX value calculated for CRI ≥ 90, colour white, lens flood



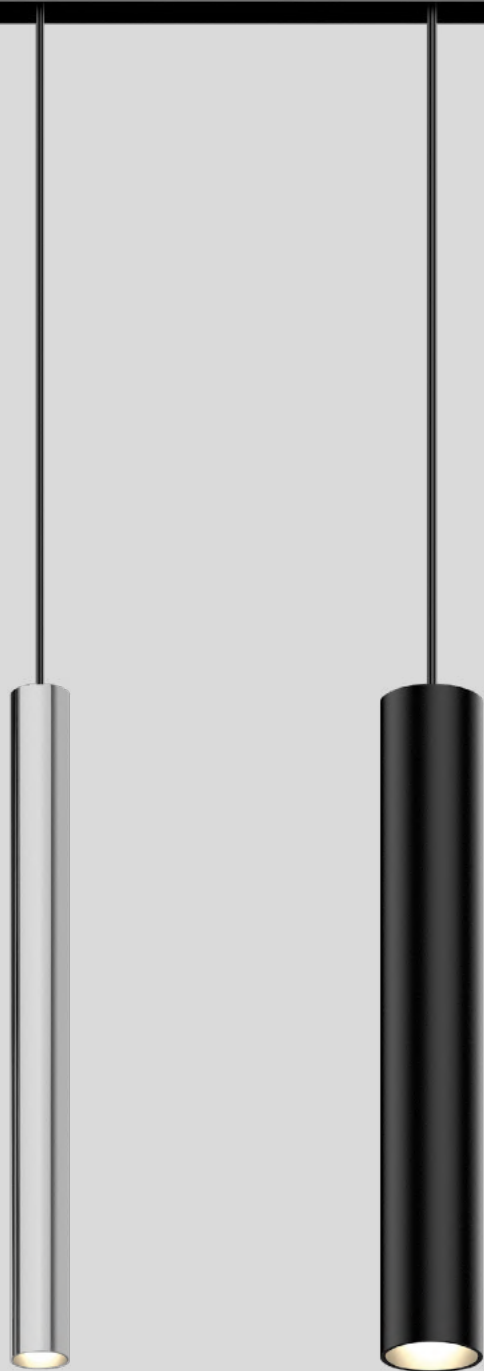
Noma 2.0
Copenhagen, DK –
by BIG with interior design
by Studio David Thulstrup



Gwerder Fidel Energietechnik AG
Ibach, CH – by FORM
Innenarchitektur GmbH



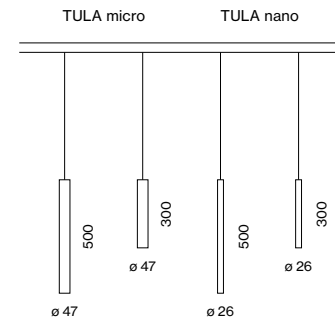
← back



Quickinfo

2700K, 3000K, TW
 CRI ≥ 90, 3 SDCM
 up to 75 lm/W
 L80 @ 50 000 h
 non DIM, DALI-2

Types



Colours



Light distributions



Order options

HOUSING HEIGHT

300 mm	0
500 mm	1

CABLE SUSPENSION

1500 mm	7
2000 mm with hook*	6

*one ring included

COLOUR TEMPERATURE

2700K	4
3000K	5
tunable white 2200 – 4000K*	

*DALI-2 DT8

CONTROL

non DIM	1
DALI-2	3

MATERIAL COLOUR

chrome	4
traffic white RAL 9016	7
jet black RAL 9005	8
special colours p. 992	X

ACCESSORY COLOUR

traffic white RAL 9016	7
jet black RAL 9005	8

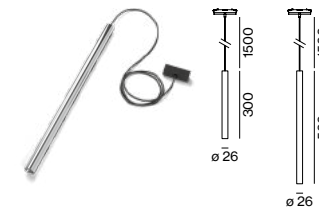
BEAM ANGLE

medium 25°	M
flood 44°	F

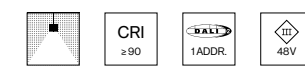
Options on request

COLOUR TEMPERATURE

4000K	
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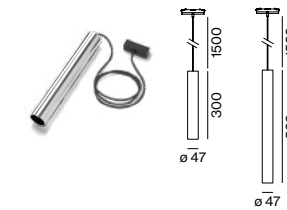


TULA nano suspended

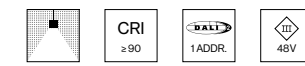


DOWNLIGHT

INSET POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
11W	2700K	642lm	050-L 8 1 1 :: ▣ ▣ ▲
	3000K	688lm	

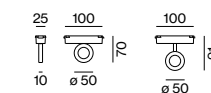


TULA micro suspended



DOWNLIGHT

INSET POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
14W	2700K	998lm	050-L 8 1 5 :: ▣ ▣ ▲
	3000K	1048lm	
5.4W	2200 – 4000K	254lm	050-L 8 1 5 D 3 ▣ ▲



Mounting accessories

RING track mounted

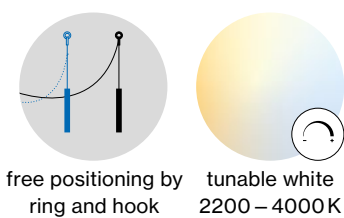
TYPE	Ø-H (mm)	ORDER CODE
MOVE IT 25 S	50-70	050-151011 ▣
MOVE IT 25	50-91	050-051011 ▣



RING ceiling mounted

TYPE	Ø-H (mm)	ORDER CODE
MOVE IT 25S/25	50-88	050-051021 ▣

TULA
 decorative inset 25/25S



LUMINOUS FLUX value calculated for CRI ≥ 90, colour white, lens flood

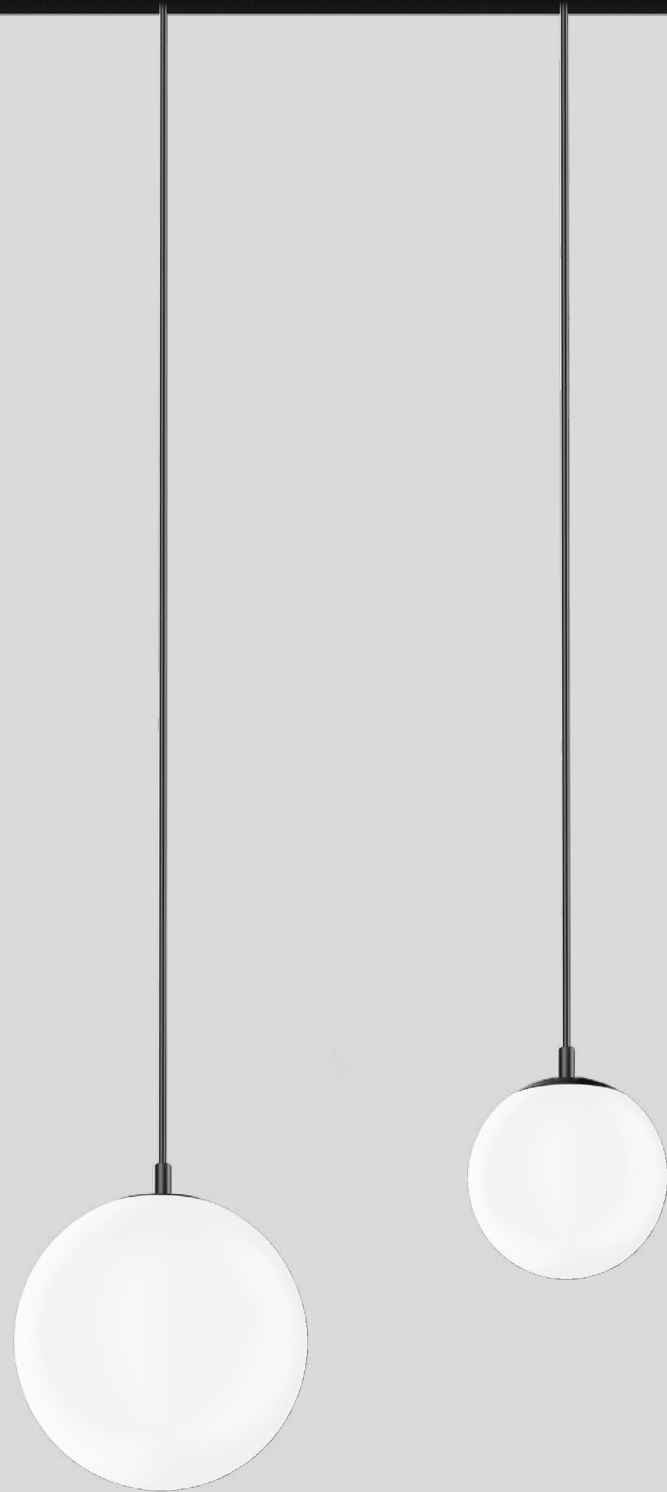
Mape kitchen & interior Putte, BE**Private Residence** Århus, DK –
by Friis Moltke Architects with
lighting design by anker & co



Private Residence Linz, AT –
by ARKD, architekturbüro arkade
zt gmbh including lighting design



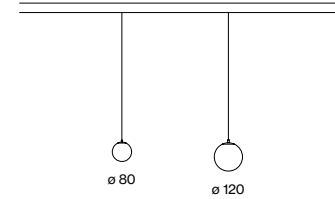
← back



Quickinfo

2700 K, 3000 K
 CRI ≥ 90, 3 SDCM
 up to 55 lm/W
 L80 @ 50 000 h
 non DIM, DALI-2
 IP 40

Types



Colours



Light distribution



Order options

CABLE SUSPENSION

1500 mm	5
2000 mm with hook*	6

*one ring included

COLOUR TEMPERATURE

2700 K	4
3000 K	5

CONTROL

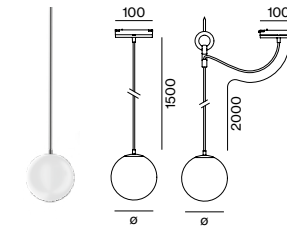
non DIM	1
DALI-2	3

MATERIAL COLOUR

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

ACCESSORY COLOUR

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



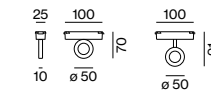
PAL suspended



DOWNLIGHT

INS. POWER	COLOUR TEMP.	LUM. FLUX	Ø (mm)	ORDER CODE
9.1W	2700 K	472lm	80	050-1 11 11
	3000 K	498lm		
9.1W	2700 K	472lm	120	050-1 13 13
	3000 K	498lm		

Mounting accessories



RING track mounted

TYPE	Ø-H (mm)	ORDER CODE
MOVE IT 25 S	50-70	050-151011
MOVE IT 25	50-91	050-051011



RING ceiling mounted

TYPE	Ø-H (mm)	ORDER CODE
MOVE IT 25S/25	50-88	050-051021

Restaurant
Visualisation



← back



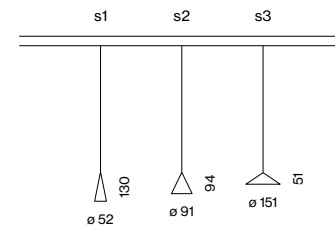
wästberg w201 Extra small pendant

Design by Claesson Koivisto Rune

Quickinfo

2700 K
CRI ≥ 95, 3 SDCM
up to 97lm/W
L90 @ 50 000h
non DIM, DALI-2

Types



Colours



Order options

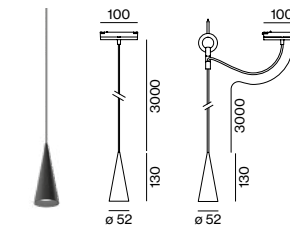
CABLE SUSPENSION	
3000mm	5
3000mm with hook	6

COLOUR TEMPERATURE	
2700K	

CONTROL	
non DIM	1
DALI-2	3

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

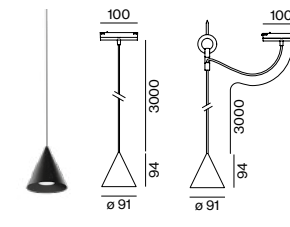
ACCESSORY COLOUR	
○ pure white RAL 9010	7
● jet black RAL 9005	8



w201 Extra small pendant s1



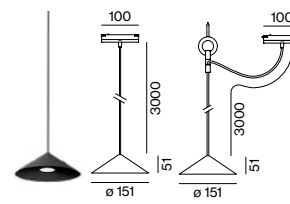
DOWNLIGHT			
INSET POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
6W	2700K	445lm	050-04814



w201 Extra small pendant s2



DOWNLIGHT			
INSET POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
6W	2700K	509lm	050-04824

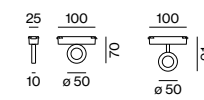


w201 Extra small pendant s3



DOWNLIGHT			
INSET POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
6W	2700K	579lm	050-04834

Mounting accessories



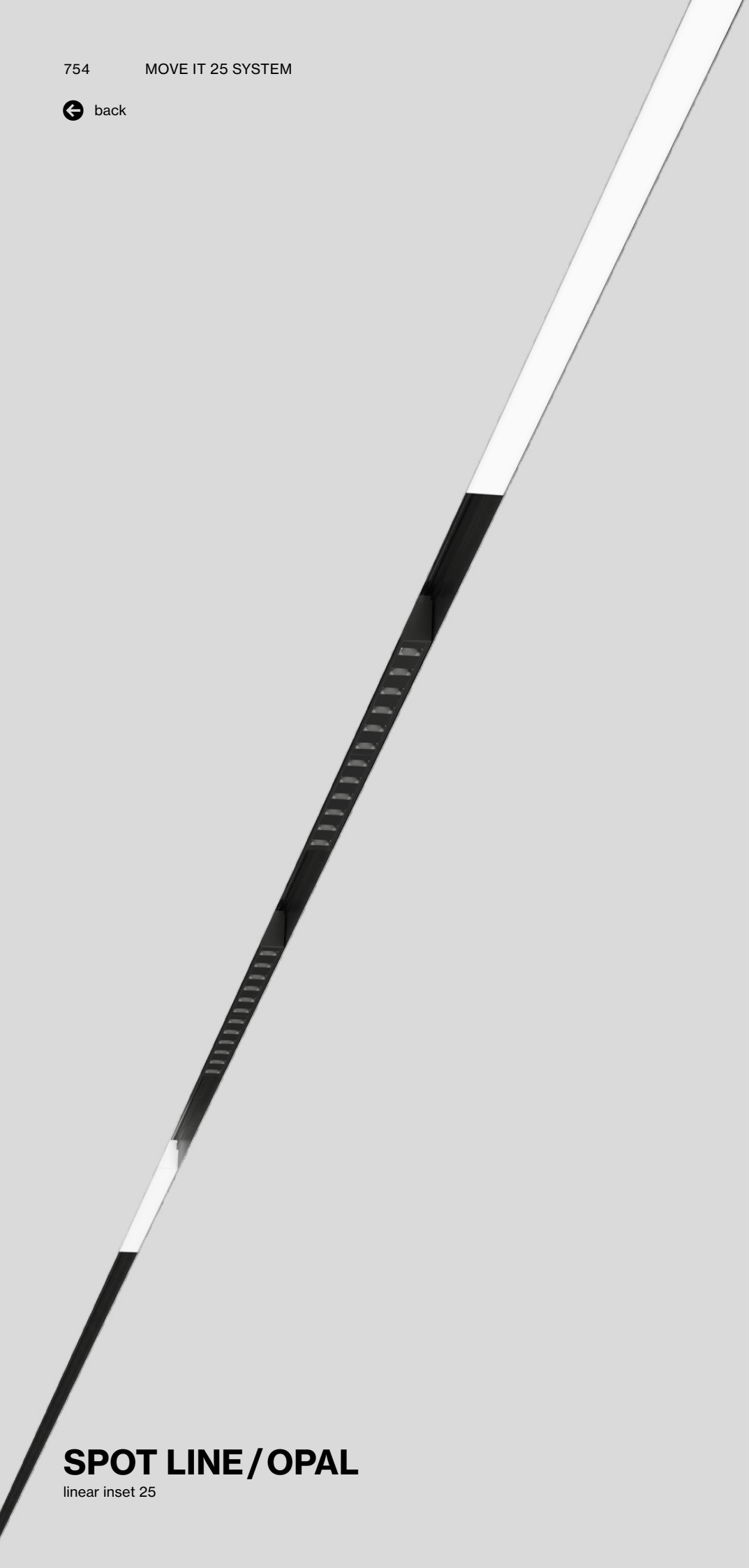
RING track mounted		
TYPE	Ø-H (mm)	ORDER CODE
MOVE IT 25 S	50-70	050-151011
MOVE IT 25	50-91	050-051011



RING ceiling mounted		
TYPE	Ø-H (mm)	ORDER CODE
MOVE IT 25S/25	50-88	050-051021

INSET POWER in watts is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for CRI ≥ 95, colour white

← back



SPOT LINE / OPAL

linear inset 25

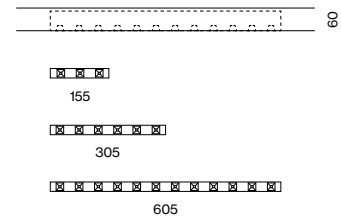
Quickinfo

2700K, 3000K, TW (opal)
 CRI ≥ 90, 3 SDCM
 SPOT LINE up to 80 lm/W
 OPAL up to 109 lm/W
 L80 @ 50 000 h
 non DIM, DALI-2

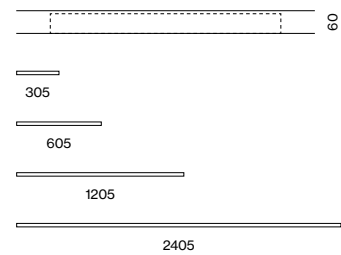
Types

MOVE IT 25

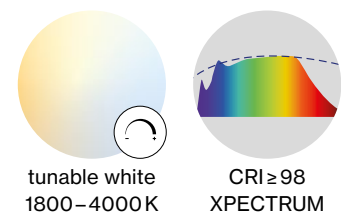
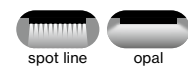
SPOT LINE



OPAL



Light distributions



Order options

COLOUR TEMPERATURE	
2700K	4
3000K	5
tunable white 1800-4000K*	L

*only available for opal high performance inset | DALI-2 DT8

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR

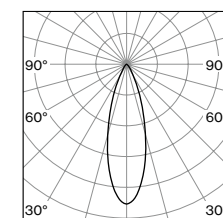
● jet black RAL 9005

Options on request

COLOUR RENDERING INDEX
 CRI ≥ 98 XPECTRUM

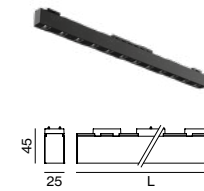
COLOUR TEMPERATURE
 4000K

Light distribution

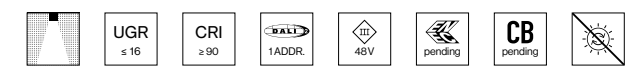


spot line

INSET POWER in watts is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for CRI ≥ 90, colour black

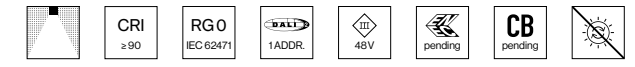
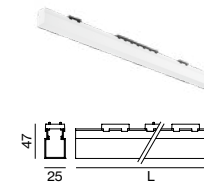


LIGHT INSET 25



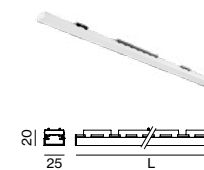
SPOT LINE

INS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
3 × 1.4 W	2700K	309lm	155	050-0220 :: 8 M
	3000K	336lm		
6 × 1.4 W	2700K	618lm	305	050-0221 :: 8 M
	3000K	672lm		
12 × 1.4 W	2700K	1240lm	605	050-0222 :: 8 M
	3000K	1340lm		



OPAL HIGH PERFORMANCE

INS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
5 W	2700K	445lm	305	050-0211 :: 8 H
	3000K	477lm		
10 W	2700K	890lm	605	050-0212 :: 8 H
	3000K	954lm		
17 W	2700K	1780lm	1205	050-0214 :: 8 H
	3000K	1910lm		
35 W	2700K	3560lm	2405	050-0218 :: 8 H
	3000K	3820lm		



LIGHT INSET 25 S



OPAL HIGH PERFORMANCE

INS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
5 W	2700K	397lm	305	050-1211 :: 8 H
	3000K	426lm		
10 W	2700K	795lm	605	050-1212 :: 8 H
	3000K	851lm		
17 W	2700K	1590lm	1205	050-1214 :: 8 H
	3000K	1700lm		
35 W	2700K	3180lm	2405	050-1218 :: 8 H
	3000K	3410lm		

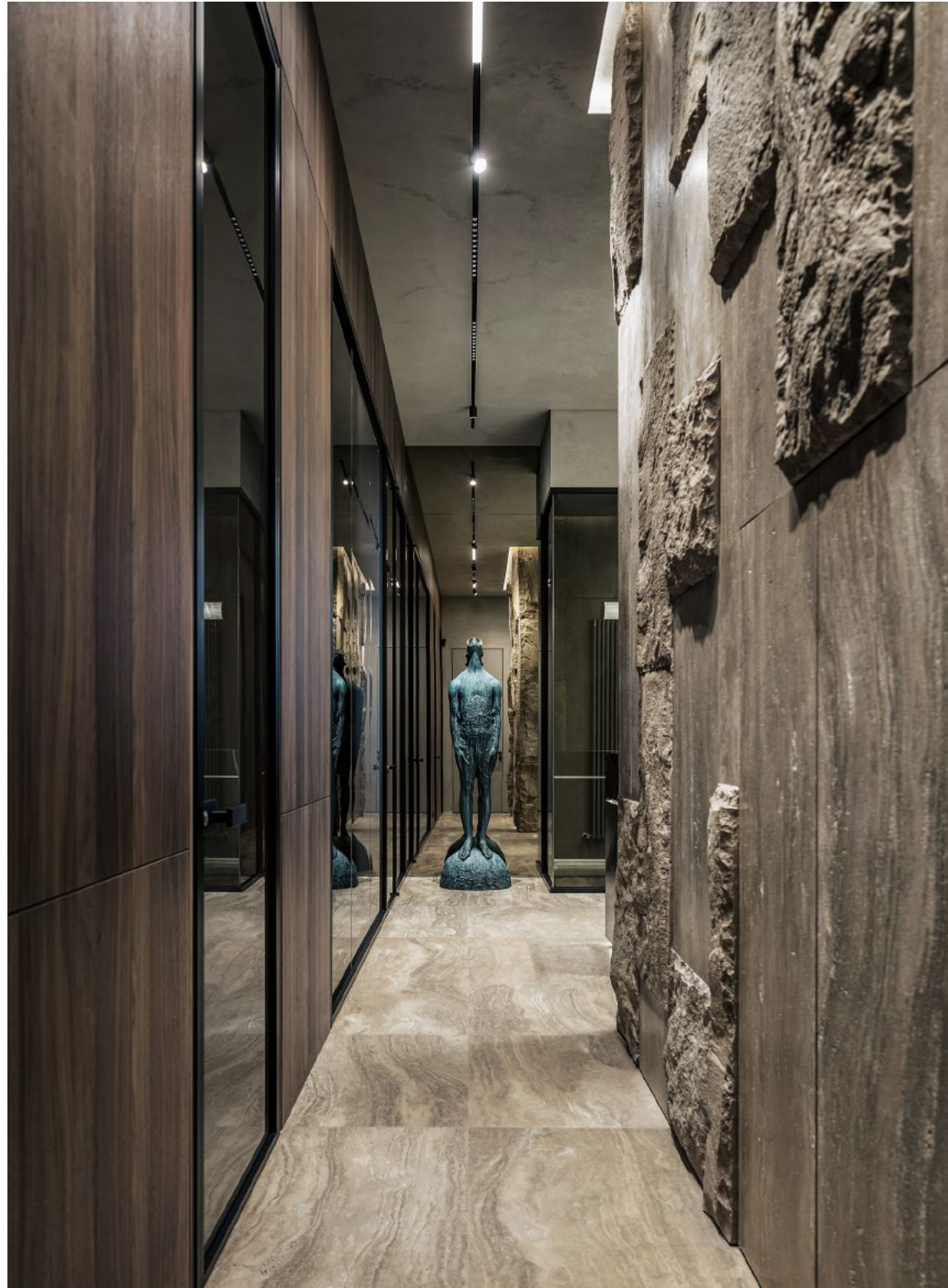
canyon solution for MOVE IT 25



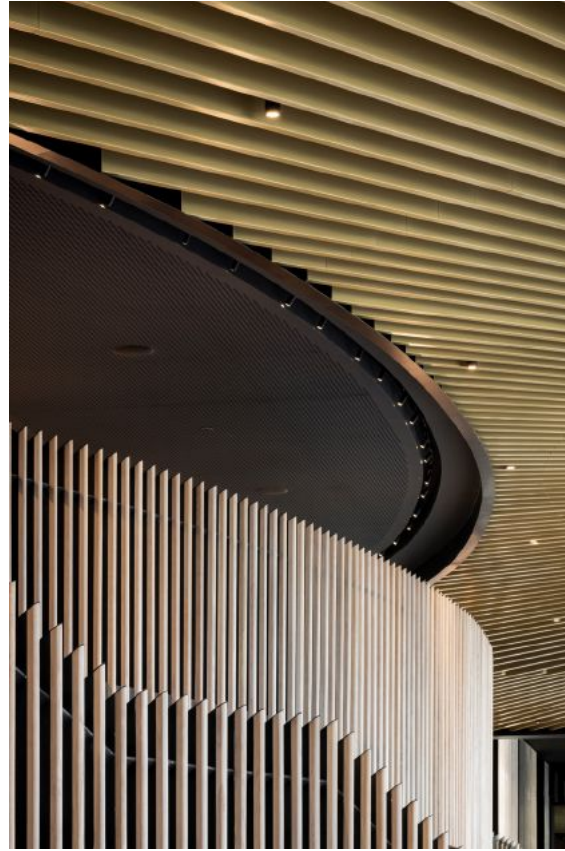
Private Residence Sofia, BG –
by Modify studio, Arch Kamelia
Georgieva



ReFuture Clinic Kiev, UA –
by YODEZEEN Architects with lighting
design by Svetlana Osadcha



Deansgate Square Manchester, UK –
by Lister & Lister with lighting design
by Troup, Bywaters & Anders Lighting



Aertssen Group
Beveren, BE –
by Mertens Architecten



← back



WALLWASHER

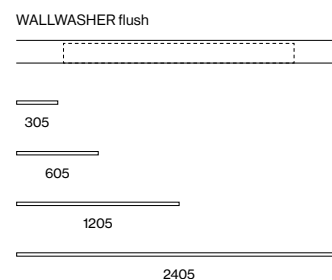
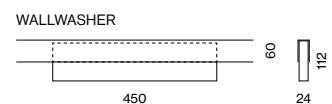
linear inset 25/25 S

Quickinfo

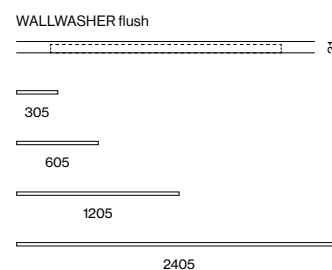
2700 K, 3000 K
 CRI ≥ 90, 3 SDCM
 WALLWASHER up to 81lm/W
 WW flush up to 77lm/W
 L80 @ 50 000 h
 non DIM, DALI-2

Types

MOVE IT 25



MOVE IT 25 S



Light distribution



wall washer

Order options

COLOUR TEMPERATURE	
2700K	4
3000K	5

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR

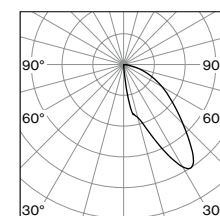
● jet black RAL 9005

Options on request

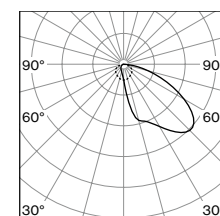
COLOUR RENDERING INDEX
 CRI ≥ 98 XPECTRUM

COLOUR TEMPERATURE
 4000K

Light distributions

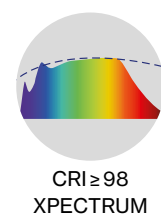


wallwasher



wallwasher flush

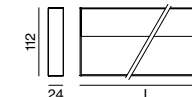
INSET POWER in watts is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for CRI ≥ 90, colour black



CRI ≥ 98
 XPECTRUM

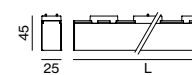
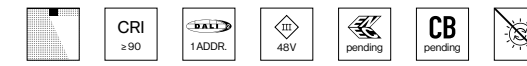


LIGHT INSET 25



WALLWASHER

INS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
13 W	2700 K	983 lm	450	0 50-0 2 3 2 :: 3 8 A
	3000 K	1050 lm		



WALLWASHER FLUSH

INS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
5 W	2700 K	329 lm	305	0 50-0 2 1 1 :: 8 A
	3000 K	367 lm		
11 W	2700 K	658 lm	605	0 50-0 2 1 2 :: 8 A
	3000 K	735 lm		
19 W	2700 K	1320 lm	1205	0 50-0 2 1 4 :: 8 A
	3000 K	1470 lm		
38 W	2700 K	2630 lm	2405	0 50-0 2 1 8 :: 8 A
	3000 K	2940 lm		

Optical accessories

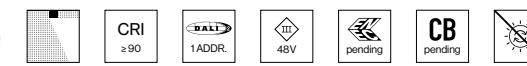
ANTI-GLARE GRID

TYPE	L-W (mm)	ORDER CODE
WALLWASHER FLUSH	303-25	0 50-0 2 3 0 9 1 8

cluster solution to create anti-glare grid for all lengths



LIGHT INSET 25 S



WALLWASHER FLUSH

INS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
5 W	2700 K	329 lm	305	0 50-1 2 1 1 :: 8 A
	3000 K	367 lm		
11 W	2700 K	658 lm	605	0 50-1 2 1 2 :: 8 A
	3000 K	735 lm		
19 W	2700 K	1320 lm	1205	0 50-1 2 1 4 :: 8 A
	3000 K	1470 lm		
38 W	2700 K	2630 lm	2405	0 50-1 2 1 8 :: 8 A
	3000 K	2940 lm		

Jewelery + Optical Store

Ludwigsburg, DE –

by Ippolito FleitzGroup – Identity Architects



← back



WALL GRAZER/BATWING

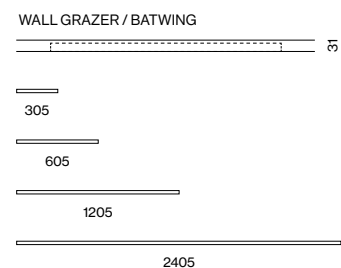
linear inset 25S

Quickinfo

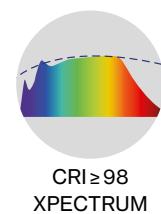
2700 K, 3000 K
 CRI ≥ 90, 3 SDCM
 WALL GRAZER up to 127lm/W
 BATWING up to 124lm/W
 L80 @ 50 000h
 non DIM, DALI-2

Types

MOVE IT 25 S



Light distributions



Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5

CONTROL	
non DIM	1
DALI-2	3

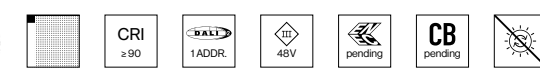
MATERIAL COLOUR	
● jet black RAL 9005	

Options on request

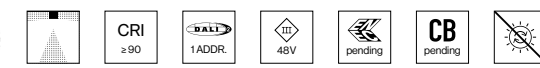
COLOUR RENDERING INDEX	
CRI ≥ 98 XPECTRUM	

COLOUR TEMPERATURE	
4000 K	

LIGHT INSET 25 S

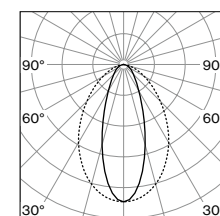


WALL GRAZER					
INS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE	
5 W	2700 K	518 lm	305	0 5 0 - 1 2 1 1 :: ⇨ 8 S	
	3000 K	555 lm			
10 W	2700 K	1040 lm	605	0 5 0 - 1 2 1 2 :: ⇨ 8 S	
	3000 K	1110 lm			
17 W	2700 K	2070 lm	1205	0 5 0 - 1 2 1 4 :: ⇨ 8 S	
	3000 K	2220 lm			
35 W	2700 K	4150 lm	2405	0 5 0 - 1 2 1 8 :: ⇨ 8 S	
	3000 K	4440 lm			

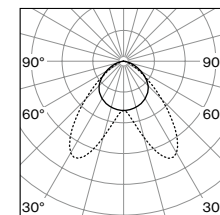


BATWING					
INS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE	
5 W	2700 K	506 lm	305	0 5 0 - 1 2 1 1 :: ⇨ 8 B	
	3000 K	542 lm			
10 W	2700 K	1010 lm	605	0 5 0 - 1 2 1 2 :: ⇨ 8 B	
	3000 K	1080 lm			
17 W	2700 K	2020 lm	1205	0 5 0 - 1 2 1 4 :: ⇨ 8 B	
	3000 K	2170 lm			
35 W	2700 K	4040 lm	2405	0 5 0 - 1 2 1 8 :: ⇨ 8 B	
	3000 K	4330 lm			

Light distributions



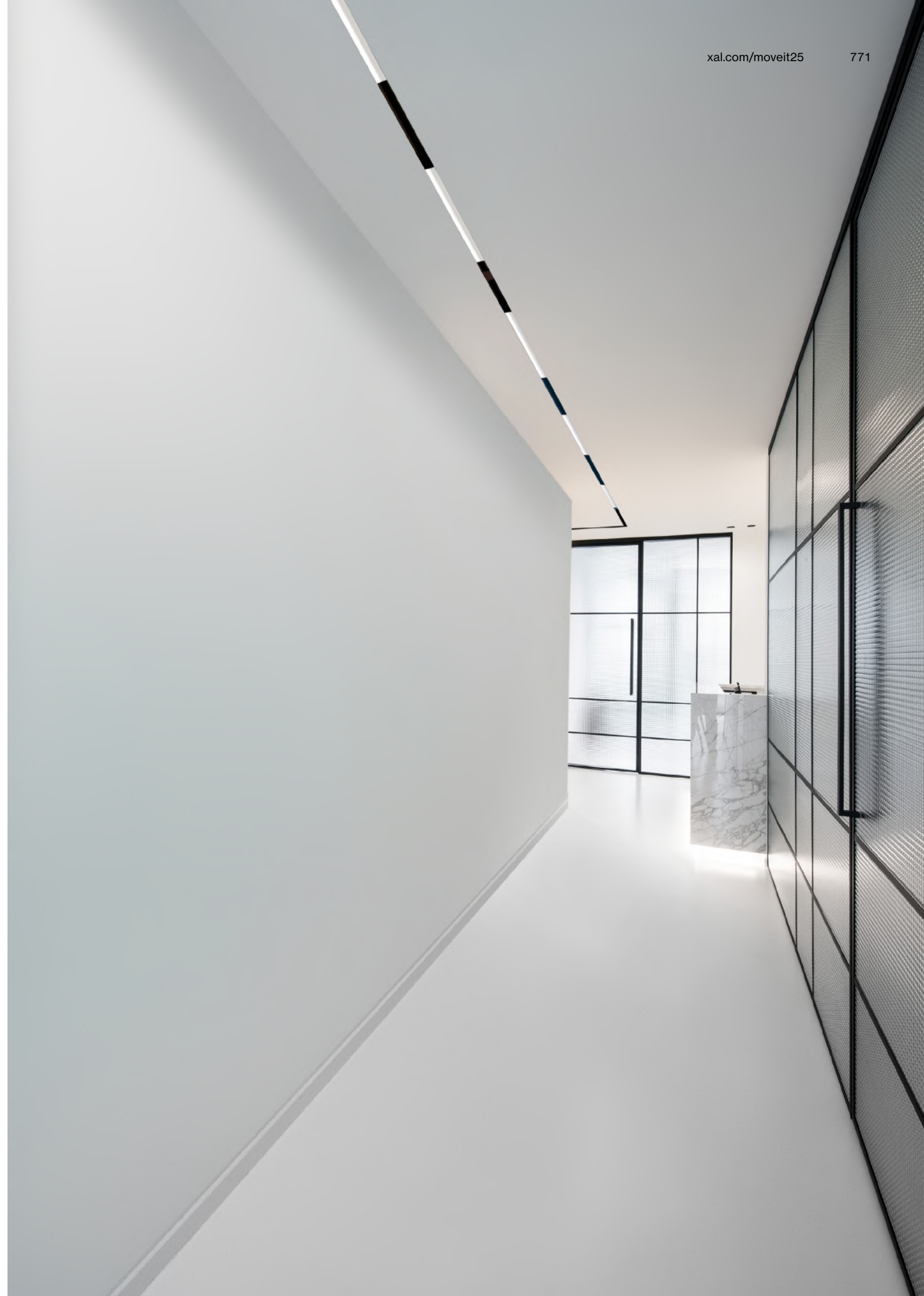
wall grazer



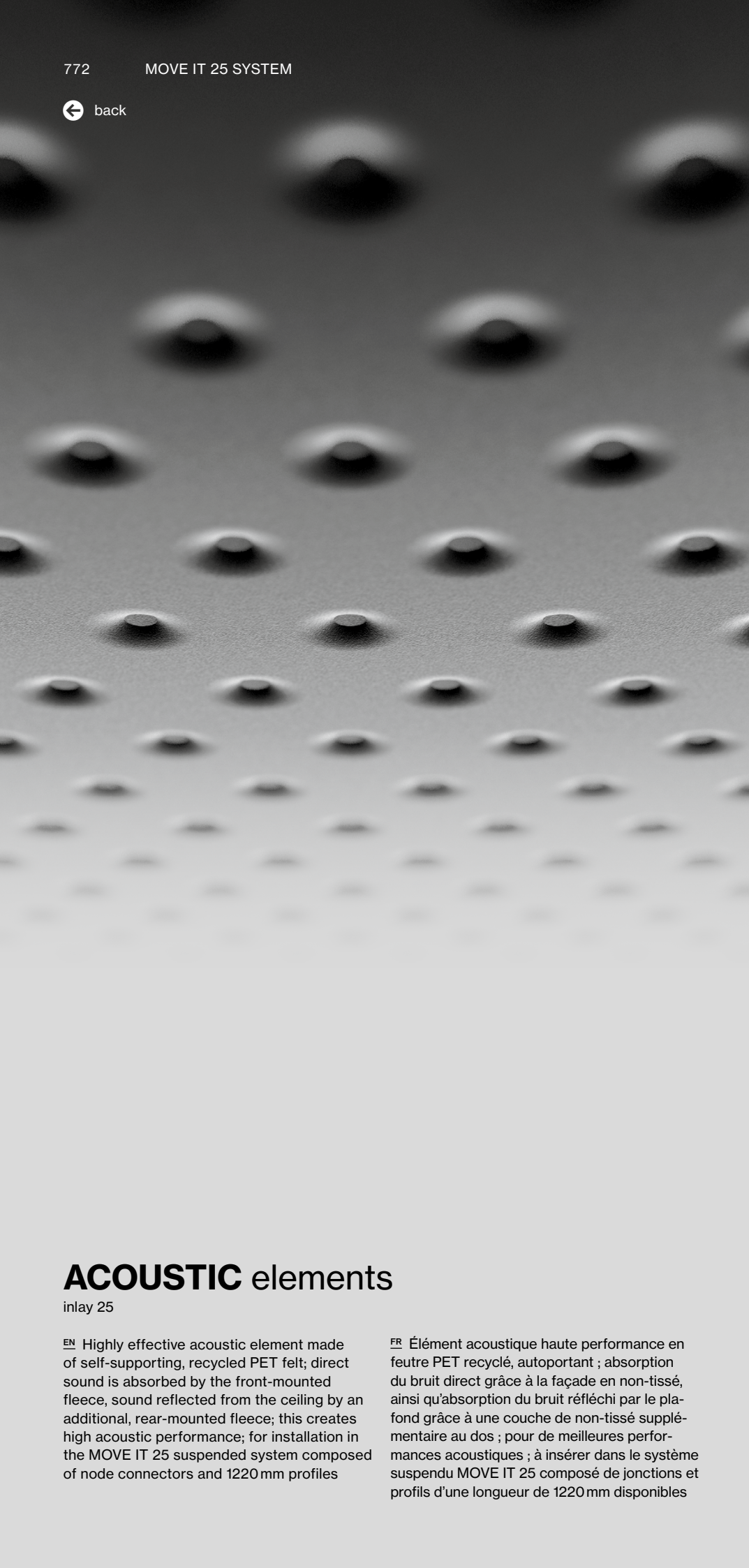
batwing

INSET POWER in watts is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for CRI ≥ 90, colour black

**Dental Practice Coornaert -
Tandartscentrum Atlas**
Kortrijk, BE – by Maison Jane



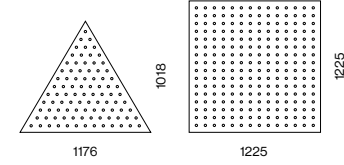
← back



Quickinfo

PET felt
 ♻️ from recycled material
 up to absorption class A

Types

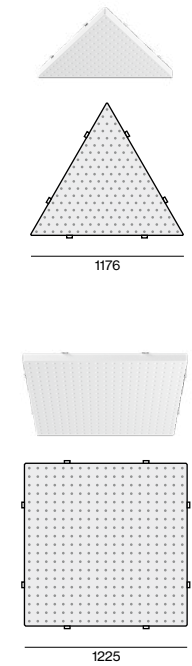


Colours



Order options

MATERIAL COLOUR
 ○ white W
 ● black L



MOVE IT 25 suspended

MOVE IT ACOUSTIC TRIANGLE

TYPE	L-W-H (mm)	ORDER CODE
1200 inlay MOVE IT system*	1176-1018-57	050-230122 <input checked="" type="checkbox"/>

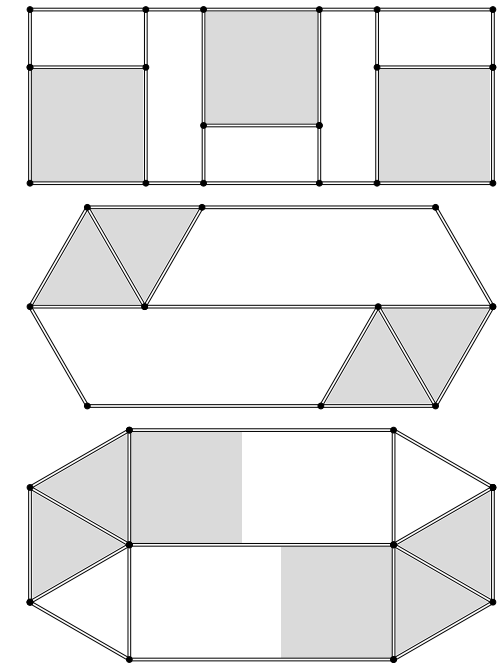
*NODE connector + track 1220mm

MOVE IT ACOUSTIC SQUARE

TYPE	L-W-H (mm)	ORDER CODE
1200 inlay MOVE IT system*	1225-1225-57	050-230222 <input checked="" type="checkbox"/>

*NODE connector + track 1220mm

ACOUSTIC EXAMPLES



ACOUSTIC elements

inlay 25

EN Highly effective acoustic element made of self-supporting, recycled PET felt; direct sound is absorbed by the front-mounted fleece, sound reflected from the ceiling by an additional, rear-mounted fleece; this creates high acoustic performance; for installation in the MOVE IT 25 suspended system composed of node connectors and 1220 mm profiles

FR Élément acoustique haute performance en feutre PET recyclé, autoportant ; absorption du bruit direct grâce à la façade en non-tissé, ainsi qu'absorption du bruit réfléchi par le plafond grâce à une couche de non-tissé supplémentaire au dos ; pour de meilleures performances acoustiques ; à insérer dans le système suspendu MOVE IT 25 composé de jonctions et profils d'une longueur de 1220mm disponibles

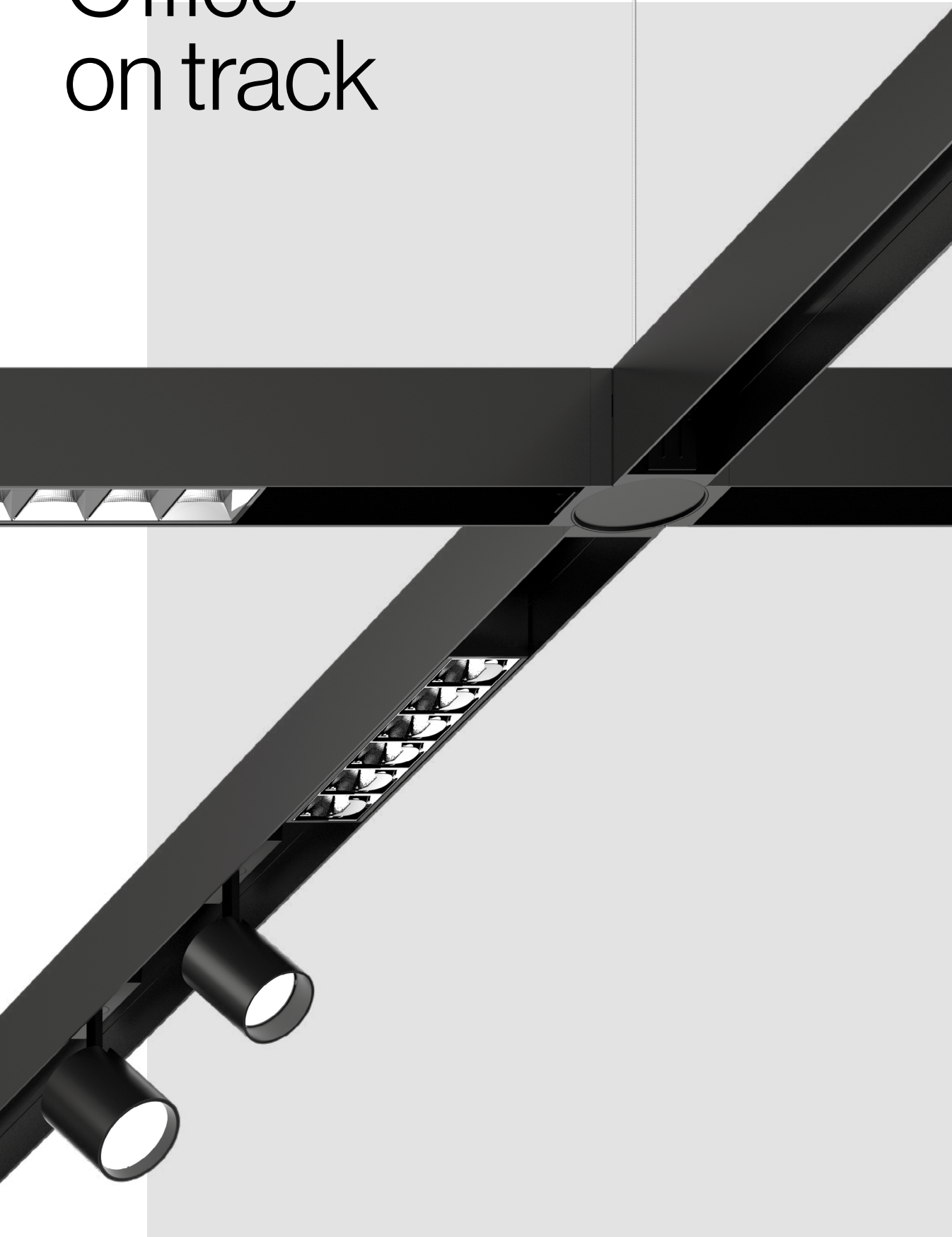
has-to-be gmbH
Radstadt, AT



FlexOffice, Meseturm Basel
Basel, CH



Office on track



MOVE IT 45 system

EN MOVE IT 45 offers glare-free office lighting with the flexibility of a track system. It is available as a suspended version, or as a recessed or surface-mounted variant for wall or ceiling mounting. Indirect light for homogeneous ceiling illumination is available as an option. The profiles are connected using corner elements or NODE connectors. Spotlights, linear office insets, and decorative luminaires are installed in the system without tools and can be flexibly adapted to changes in the room. With just one track system and the appropriate insets, completely different areas in the office – such as workstations, meeting rooms, and corridors – can be individually illuminated and controlled. Square acoustic elements that can be optionally integrated additionally create balanced room acoustics.

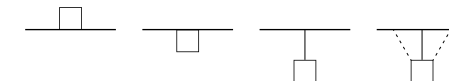
FR Un éclairage de bureau non éblouissant, flexible comme un système à rails : MOVE IT 45 est disponible comme variante à encastrer, à monter au mur ou au plafond ou encore à suspendre – en option avec une part de lumière indirecte pour un éclairage homogène du plafond. Les profilés sont reliés au moyen d'éléments d'angle ou de connecteurs NODE. Les spots, les inserts de bureau linéaires et les lampes décoratives s'installent sans outil dans le système et s'adaptent avec flexibilité aux modifications spatiales. Avec un seul système de rails et les inserts correspondants, différentes zones de bureaux – par exemple des postes de travail, des salles de réunion et des couloirs – peuvent être éclairées et gérées de manière individualisée. Des éléments acoustiques carrés intégrables en option permettent de surcroît d'obtenir une acoustique équilibrée.

Type



45

Mountings

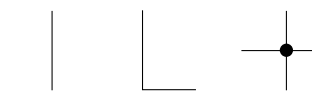
trimless
recessed

ceiling

suspended

indirect
suspended

Configurations

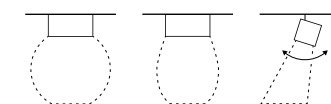


linear

corner

node

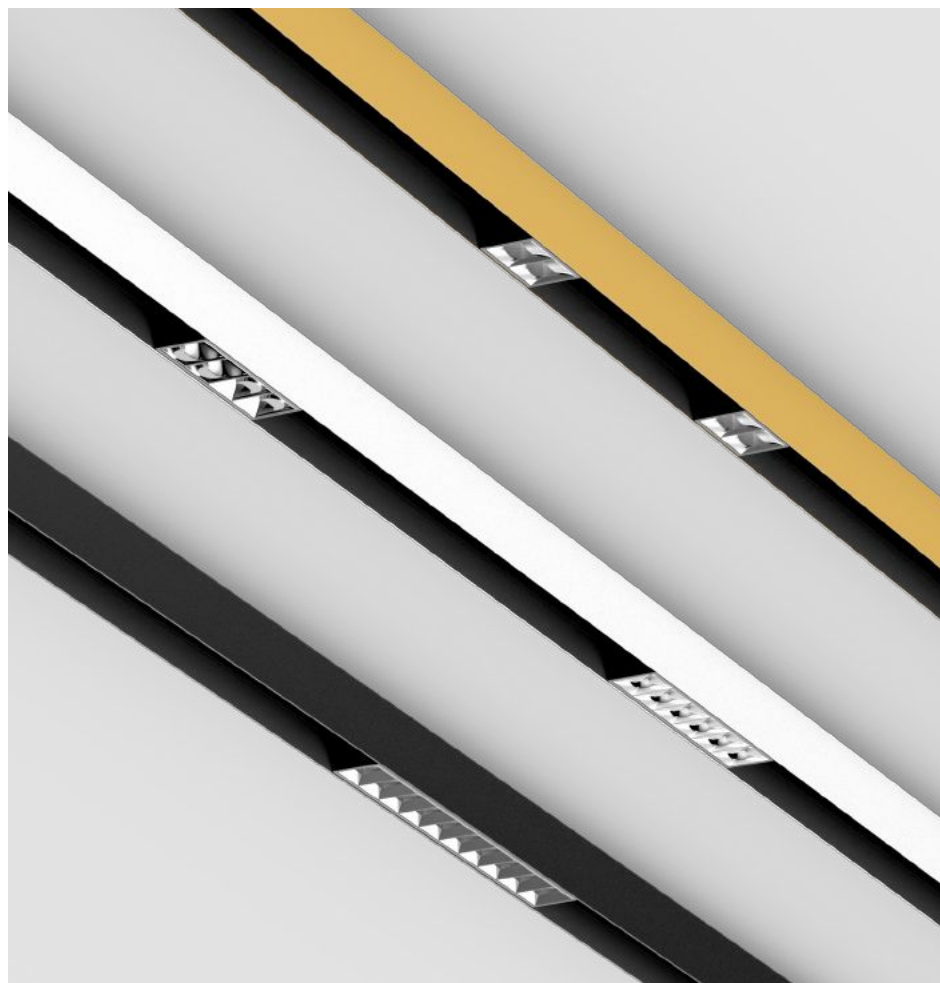
Light distributions



opal

reflector
(UGR ≤ 19)

spotlight



Colour variety

EN MOVE IT profiles are available in various standard colours. Further colour variations are also available, granting your project maximum design freedom. You can learn more about our colour palette at xal.com/colours.

FR Les profilés MOVE IT sont disponibles en différentes couleurs standard. En outre, d'autres variantes de couleurs sont disponibles - ce qui vous offre une liberté de création maximale pour vos projets. Vous trouverez plus d'informations sur notre palette de couleurs sur xal.com/colours.



xal.com/colours

Individual grids & room acoustics

EN The NODE Connector lets you create different ceiling patterns from up to four MOVE IT 45 profiles per node. Create attractive geometric shapes by connecting the profiles at a 90° angle. Special corner connectors that are rotated 35° to the left and right provide even more design freedom. Simply extend the MOVE IT Suspended System with square acoustic elements for optimised room acoustics.

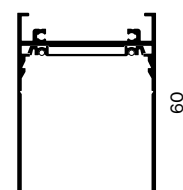
FR Avec le connecteur NODE, il vous est possible de créer divers motifs au plafond à partir d'un nombre de profilés MOVE IT 45 pouvant aller jusqu'à quatre par intersection. En reliant les profilés en angle de 90°, on obtient de belles formes géométriques. Et pour une plus grande liberté de conception, rien de tel que les raccords d'angle spéciaux pivotant de 35° vers la gauche et la droite. Pour une optimisation supplémentaire de l'acoustique de la salle, le système MOVE IT Suspended peut facilement être complété d'éléments acoustiques carrés.



Mounting options

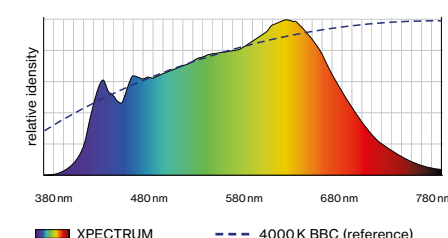
EN The elegant MOVE IT 45 System offers a wide variety of installation options: as a trimless recessed or surface-mounted variant for wall or ceiling mounting and suspended. The suspended direct/indirect variant provides additional homogeneous ceiling illumination.

FR L'élégant système MOVE IT 45 offre une grande variété d'options de montage : comme variante sans bord à encastrer ou à monter au mur ou au plafond et suspendu. La variante à suspension directe / indirecte fournit un éclairage du plafond homogène supplémentaire.

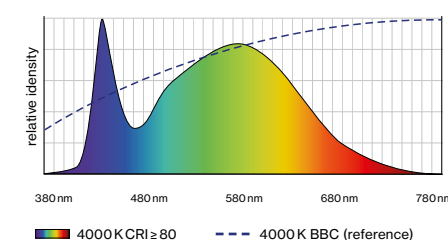


45

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 $R_i = 98$ and $R_g = 101$ further helps visual comfort. These LEDs are available for different MOVE IT System insets and indirect insets.

FR La nouvelle LED XPECTRUM de XAL fournit une lumière saine et adaptée au rythme circadien. La réduction de la lumière bleue ainsi que l'augmentation des valeurs cyan réduisent le risque que représente pour l'œil la lumière bleue, retrouvant un niveau similaire à celui de la lumière du jour. Il en résulte un effet d'éclairage non visuel, dit mélanopique, qui favorise la concentration et améliore la qualité du sommeil. L'excellent rendu des couleurs de l'IES TM 30-15 $R_i = 98$ et $R_g = 101$ constitue un autre atout pour le confort visuel. Les normes de communication ouvertes Zigbee et DALI étant pleinement prises en charge, tous les luminaires compatibles peuvent être facilement intégrés au système.

Variety of office reflector insets

EN Office lighting faces various requirements, ranging from standards for workplace lighting ($UGR \leq 19$), homogeneous basic illumination, to spot accentuation. Changing the design or use of office space also requires a flexible lighting solution. MOVE IT 45 responds to this with a wide range of lighting insets that are easily installed and replaced in the track system.

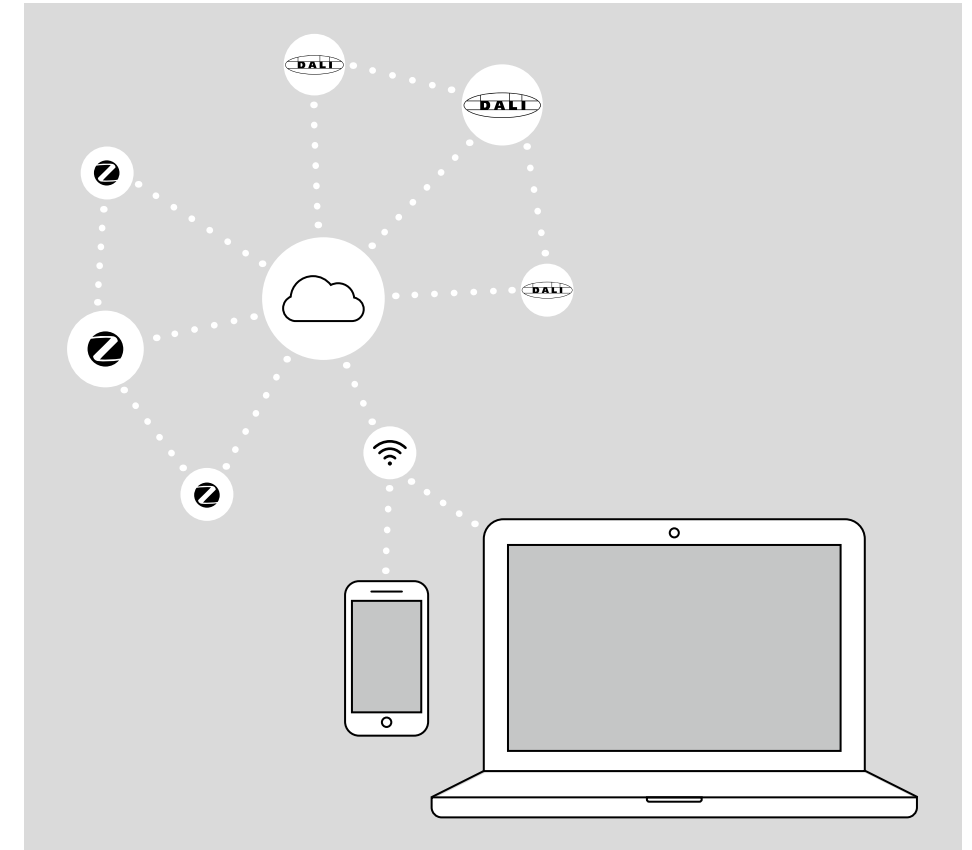
FR L'éclairage des bureaux doit répondre à différentes exigences : depuis l'éclairage normalisé du poste de travail ($UGR \leq 19$) en passant par l'éclairage ambiant uniforme et jusqu'aux points d'accentuation. La conception variable ou l'utilisation des locaux de bureaux nécessite également une solution d'éclairage flexible. MOVE IT 45 y répond parfaitement avec divers inserts lumineux qui peuvent être assemblés et échangés facilement dans le système de rails.



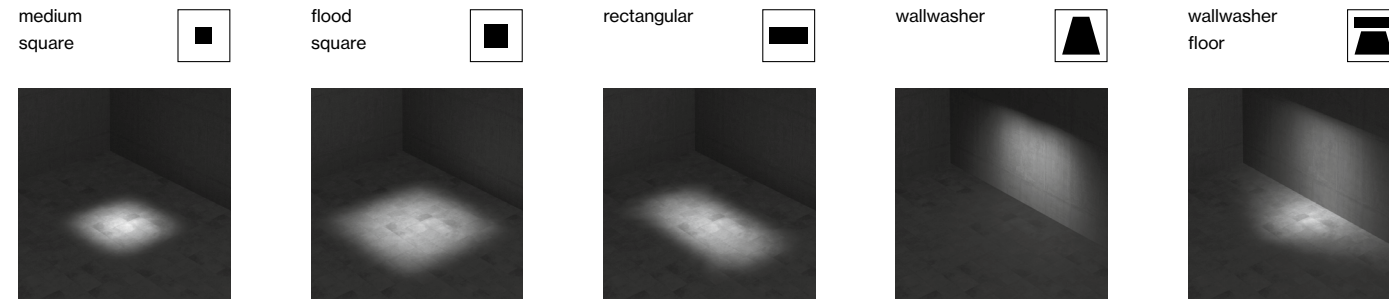
Control options

EN MOVE IT Insets are available with DALI-2 and can be controlled individually. Configuration and control are simply done via DALI. As the open DALI communication standard is fully supported, all compatible luminaires can be easily integrated into the system. The Wireless-to-DALI Inset enables wireless control of DALI luminaire systems by using a communication module.

FR Les inserts MOVE IT sont disponibles avec DALI-2 et peuvent être commandés individuellement. La configuration et la commande se font via DALI, en toute simplicité. La norme de communication ouverte DALI étant pleinement prise en charge, tous les luminaires compatibles peuvent être facilement intégrés au système. L'insert Wireless to DALI permet la commande sans fil de systèmes de luminaires DALI au moyen d'un module de communication.



Light optics



Inset variety

L1 Applications



L2 Applications



L24 OFFICE $UGR \leq 19$



L4 Applications



L6 Applications



L10 OFFICE $UGR \leq 19$



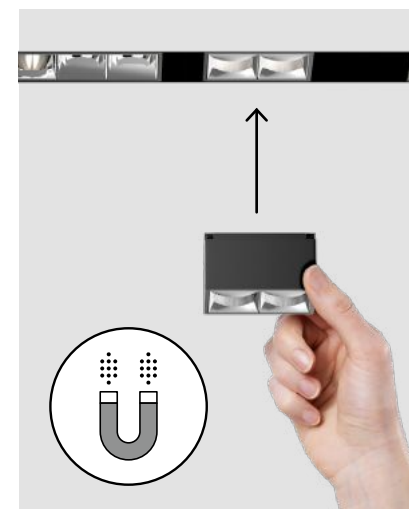
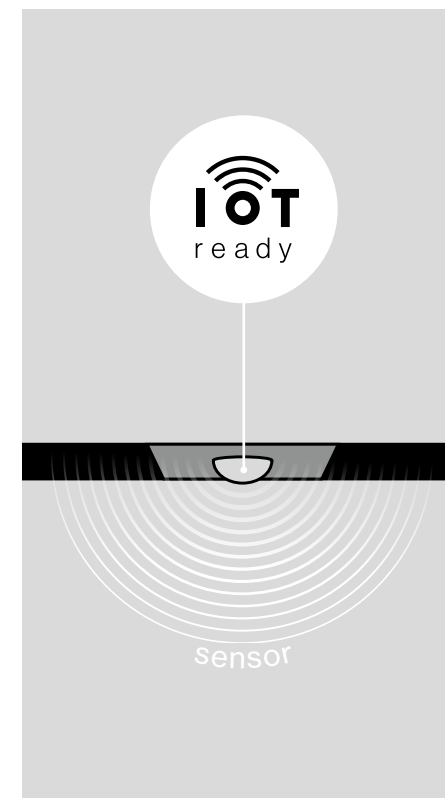
OPAL



IoT ready

EN IoT ready refers to the possibility of equipping luminaires with smart sensor technology. You receive valuable information, such as your lighting system's energy consumption or your rooms' utilisation over the day. You can set shut-off delay times and brightness values or plan time-controlled light sequences. The sensor is magnetically inserted into the track system like a spotlight and can be individually configured without restriction by existing standards.

FR Le terme « IoT ready » signifie qu'il est possible d'équiper les luminaires d'une technologie de capteurs intelligents, qui fournit des informations précieuses telles que la consommation d'énergie de votre système d'éclairage ou l'utilisation de vos pièces au cours de la journée. Vous pouvez également définir des durées de fonctionnement de l'éclairage et des valeurs de luminosité, ou planifier des séquences lumineuses à durée définie. Inséré magnétiquement dans le système de rails comme le serait un projecteur, le capteur peut être configuré à volonté, sans être contraint par des normes existantes.



Magnetic attachment

EN MOVE IT Insets are mounted without tools and magnetically fixed within the profile. They can, therefore, be adjusted and adapted according to the lighting requirements with just one movement.

FR Les inserts MOVE IT se montent sans outil et se fixent par voie magnétique dans le profilé. Ainsi, ils peuvent être ajustés et adaptés à volonté en un tournemain – selon les exigences relatives à l'éclairage.



MOVE IT 45 system

trimless / surface / suspended

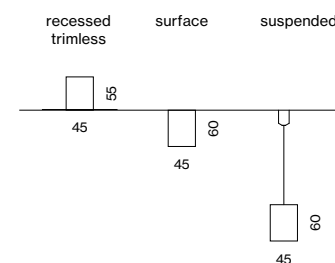
EN Extruded aluminium profile with 45 mm width groove; for trimless installation in plasterboard ceilings (wall or ceiling mounting) with 12.5 mm ceiling thickness; or for wall-/ceiling surface mounting or suspended mounting (cable suspension, height adjustment without tools, incl. black feed); optional with indirect light component for additional accentuation of the ceiling; for lighting systems, 90° angle connectors for flexible system design; node connectors, up to 4 profile connection options; with power track profile for take off of supply voltage and DALI signal; surf. anod. or powder coated; insets can be installed flexibly and without tools by means of magnetic holders + locking; sound absorbing accessories available

FR Profil extrudé en alu avec 45 mm de largeur de joint ; montage sans bord dans des plafonds en placoplâtre (muraux ou au plafond) de 12,5 mm ; ou montage en surface au mur ou au plafond ou pour montage suspendu (susp. par câble, réglage hauteur sans outil, câble d'alim. noir inclus) ; en option avec composants lum. indirects pour une accentuation suppl. du plafond ; pour systèmes d'éclairage, équerres de raccordement 90° pour structure de système flexible ; jonctions avec jusqu'à 4 options de raccordement ; avec profil de rail pour la captation de la tension d'alim. et signal DALI; surf. anod. ou thermolaquée ; montage flex. et sans outil des éléments avec support magnétique + verrouillage ; accessoires avec propriétés d'absorption acoustique

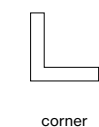
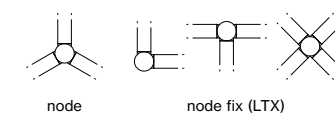
Quickinfo

3000K
CRI ≥ 90, 2 SDCM
up to 117 lm/W
L80 @ 50 000 h
non DIM, DALI-2

Types



connectors



Colours



Order options

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR

● jet black RAL 9005

Options on request

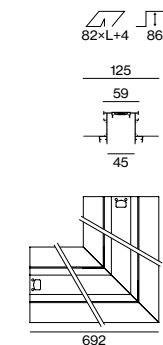
CONNECTOR

T-connector

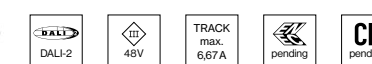
X-connector

INSTALLATION TRACK

acoustic soft ceilings



MOVE IT 45 trimless



INSTALLATION TRACK

L (mm)		ORDER CODE
617	channel	050-72320-8
1217	channel	050-72340-8
2417	channel	050-72380-8
3622	channel	050-72390-8
cust. cut	channel (non DIM)	E83551-8
cust. cut	channel (DALI-2)	E83521-8
692x648	channel corner* 90°	050-72310-8
661x661	channel corner* ceiling to wall 90°	050-72311-8

*incl. electrical connector set

Accessories

END CAPS

TYPE	ORDER CODE
end caps (pair)	050-72300-8

BLIND COVER

L (mm)	ORDER CODE
1217	050-70340-8
2417	050-70380-8
3622	050-70390-8
custom cut	E83500-8B

blind cover can be shortened as desired

CONNECTOR SET

TYPE	ORDER CODE
linear connector (non DIM, DALI-2)	050-20311-30
linear connector flexible	050-20321-0
mechanical linear connector (pair)	050-20111-10

POWER FEEDER UNIT

TYPE	ORDER CODE
non DIM 2 × 2,5 mm ²	050-20201-10
DALI-2 2 × 2,5 + 2 × 0,5 mm ²	050-20201-30

cable length 500 mm

Electrical accessories

see page 788



custom cut on building site



acoustic elements (p.806)

← back

Order options

CONTROL	
non DIM	1
DALI-2	3

**MATERIAL COLOUR
INSTALLATION TRACK**

● jet black RAL 9005	8
● traffic white 9016 / jet black 9005 P	
● gold dust 260-M / jet black 9005 G	
● special colours* p.335	X

*inside always in black

**MATERIAL COLOUR
NODE CONNECTOR**

○ traffic white RAL 9016	7
● jet black RAL 9005	8
● special colours p.992	X

**MATERIAL COLOUR
NODE LTX / END CAP**

● jet black RAL 9005	8
● traffic white 9016 / jet black 9005 P	
● special colours p.992	X

**MATERIAL COLOUR
ACCESSORIES**

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

**NODE CONNECTOR
MOUNTING TYPE**

surface*	1
1500 mm cable susp. chrome	3
1500 mm cable susp. black	4

*only for L/T/X

**MATERIAL COLOUR
CABLE SUSPENSION**

chrome	0
black	8

Electrical accessories

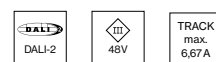
see page 788

Acoustic elements

see page 806



MOVE IT 45 surface/suspended



INSTALLATION TRACK

L (mm)		ORDER CODE
620	channel	050-73320
1220	channel	050-73340
2420	channel	050-73380
3625	channel	050-73390
cust. cut	channel (non DIM)	E83561
cust. cut	channel (DALI-2)	E83531
653x609	channel corner* 90°	050-73310
661x661	channel corner* ceiling to wall 90°	050-73311

*incl. electrical connector set

Accessories

END CAPS

TYPE	ORDER CODE
end caps (pair)	050-733000

BLIND COVER

L (mm)	ORDER CODE
1217	050-7034008
2417	050-7038008
3622	050-7039008
custom cut	E83500 ···· 8B

blind cover can be shortened as desired

FLEX NODE CONNECTOR

TYPE	ORDER CODE
FLEX NODE surface mounted	050-203333
FLEX NODE surface mounted incl. feeder	050-202243
FLEX NODE cable suspension 1500mm	050-20331
FLEX NODE cable susp. 1500mm incl. feeder	050-20222
NODE end cap* incl. electrical connector	050-733010

*order for every node connection (channel to node) 1 end cap

FIX NODE CONNECTOR

TYPE	ORDER CODE
L NODE incl. end cap & electrical connector	050-73354
T NODE incl. end cap & electrical connector	050-73352
X NODE incl. end cap & electrical connector	050-73353

CONNECTOR SET

TYPE	ORDER CODE
mechanical linear conn. incl. 1500mm cable susp.	050-201131
mechanical linear connector surface	050-2011210
mechanical & electrical linear connector	050-2031230
mechanical & electrical corner connector flex	050-2032238

POWER FEEDER UNIT

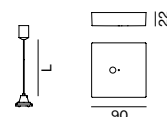
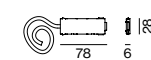
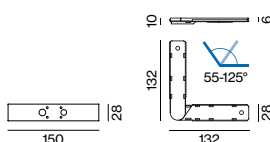
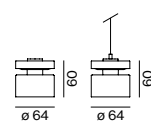
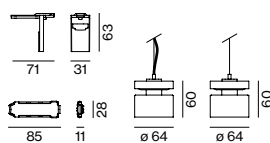
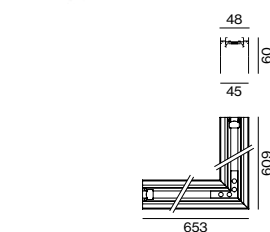
TYPE	ORDER CODE
non DIM 2×2,5mm ²	050-2022110
DALI-2 2×2,5 + 2×0,5mm ²	050-2022130

cable length 2000mm

CEILING FASTENER / CABLE SUSPENSION / CANOPY

TYPE	L (mm)	ORDER CODE
ceiling fastener	67	050-204121
cable suspension*	1500	005-215211
canopy		005-231121

*use every 1200mm



Order options

COLOUR TEMPERATURE

3000K

CONTROL

non DIM	1
DALI-2	3

MATERIAL COLOUR

INSTALLATION TRACK

● jet black RAL 9005	8
● traffic white 9016 / jet black 9005 P	
● gold dust 260-M / jet black 9005 G	
● special colours* p.992	X

*inside always in black

MATERIAL COLOUR

NODE CONNECTOR

○ traffic white RAL 9016	7
● jet black RAL 9005	8
● special colours p.992	X

MATERIAL COLOUR

NODE LTX / END CAP

● jet black RAL 9005	8
● traffic white 9016 / jet black 9005 P	
● special colours p.992	X

MATERIAL COLOUR

ACCESSORIES

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

NODE CONNECTOR

MOUNTING TYPE

surface*	1
1500 mm cable susp. chrome	3
1500 mm cable susp. black	4

*only for L/T/X

MATERIAL COLOUR

CABLE SUSPENSION

chrome	0
black	8

Options on request

COLOUR RENDERING INDEX

CRI ≥ 98 XPECTRUM

COLOUR TEMPERATURE

2700K	
4000K	
tunable white 2700–6500K*	

*DALI-2 DT8

LUMINOUS FLUX value calculated for 3000K, CRI ≥ 90, colour white/black



MOVE IT 45 suspended indirect



INSTALLATION TRACK INDIRECT

L (mm)	SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
620	6.2W	638lm	050-74325
1220	15W	1790lm	050-74345
2420	33W	3830lm	050-74385
3625	50W	5745lm	050-74395
653x609	13W	1420lm	050-74310

corner* no custom cut on building side; *incl. electrical connector set

Accessories

END CAPS

TYPE	ORDER CODE
end caps (pair)	050-733000

BLIND COVER

L (mm)	ORDER CODE
1217	050-7034008
2417	050-7038008
3622	050-7039008
custom cut	E83500 ···· 8B

blind cover can be shortened as desired

FLEX NODE CONNECTOR

TYPE	ORDER CODE
FLEX NODE cable suspension 1500mm	050-20331
FLEX NODE cable susp. 1500mm incl. feeder	050-20222
NODE end cap* incl. electrical connector	050-733010

*order for every node connection (channel to node) 1 end cap

FIX NODE CONNECTOR

TYPE	ORDER CODE
L NODE incl. end cap & electrical connector	050-73354
T NODE incl. end cap & electrical connector	050-73352
X NODE incl. end cap & electrical connector	050-73353

CONNECTOR SET

TYPE	ORDER CODE
mechanical linear conn. incl. 1500mm cable susp.	050-201131
mechanical & electrical linear connector	050-2031230
mechanical & electrical corner connector flex	050-2032238

POWER FEEDER UNIT

TYPE	ORDER CODE
non DIM 2×2,5mm ²	050-2022110
DALI-2 2×2,5 + 2×0,5mm ²	050-2022130

cable length 2000mm

CABLE SUSPENSION / CANOPY

TYPE	L (mm)	ORDER CODE
cable suspension*	1500	005-215211
canopy		005-231121

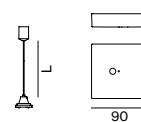
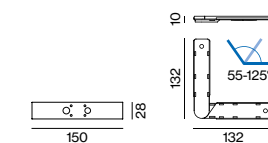
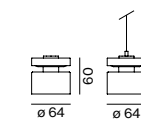
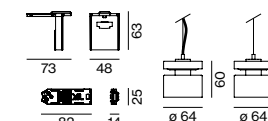
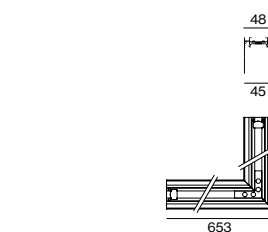
*use every 1200mm

Electrical accessories

see page 788

Acoustic elements

see page 806



← back

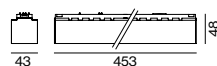
Order options

CONTROL

non DIM	1
DALI-2	3

MATERIAL COLOUR

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



Electrical accessories

POWER SUPPLY INTRACK supply 220-240 V AC, 48 V, 50-60 Hz

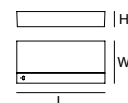
TYPE	EFFICIENCY	MOUNTING	L-W-H (mm)	ORDER CODE
150W □ PC II η 92%		intrack	453-43-48	050-2071238
250W □ PC II η 93%		intrack	453-43-48	050-2071338

ENEC approved, incl. feeder cable 2000mm; DALI-2 SELV device integrated

POWER SUPPLY SURFACE supply 220-240 V AC, 48 V, 50-60 Hz

TYPE	EFFICIENCY	MOUNTING	L-W-H (mm)	ORDER CODE
60W □ PC II η 88%		surface	305-144-54	050-20551
100W □ PC II η 92%		surface	455-104-40	050-20554
150W □ PC II η 92%		surface	455-104-40	050-20552
250W □ PC II η 93%		surface	455-104-40	050-20555
320W ⊕ PC I η 94%		surface	305-144-54	050-20553

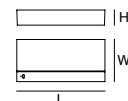
ENEC approved, incl. feeder cable 2000mm; DALI-2 SELV device integrated



POWER SUPPLY EXTERNAL supply 220-240 V AC, 48 V, 50-60 Hz

TYPE	EFFICIENCY	MOUNTING	L-W-H (mm)	ORDER CODE
60W □ PC II η 88%		external	163-43-32	002-62133
100W □ PC II η 92%		external	350-30-18	002-62134
150W □ PC II η 92%		external	350-30-18	002-62135
250W □ PC II η 93%		external	400-40-22	002-62139
320W ⊕ PC I η 94%		external	252-90-44	002-60320

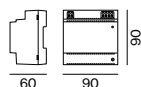
ENEC approved, incl. feeder cable 2000mm



DIN RAIL POWER SUPPLY BASIC 48V

220-240V | 50-60Hz | □ PC II | MTBF @ 55° ambient temperature

TYPE	EFFICIENCY / MTBF	W-H-D (mm)	ORDER CODE
96W η 89% / >300.000h		90-90-60	005-6520010



DIN RAIL POWER SUPPLY PRO 48V

220-240V | 50-60Hz | ⊕ PC I | MTBF @ 55° ambient temperature
cascadable max. 5 devices (240 W) or 3 devices (480 W)

TYPE	EFFICIENCY / MTBF	W-H-D (mm)	ORDER CODE
240W η 92% / >400.000h		60-125-100	005-6220110
480W η 93% / >350.000h		120-125-100	005-6220210



DALI-2 SELV DEVICE

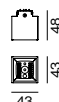
TYPE	L-W-H (mm)	ORDER CODE
control unit	213-37-25	050-2061130



necessary to create DALI-2 SELV signal; DALI power supply integrated

DALI-2 SENSOR

TYPE	L-W-H (mm)	ORDER CODE
ESSENTIAL sensor (brightness & presence)	43-43-48	050-2063378
SENSE sensor (brightness, presence, temperature, sound pressure, humidity, CO ₂)	43-43-48	050-2063278



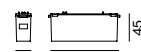
WIRELESS TO DALI-2 CONTROL DEVICE

TYPE	L-W-H (mm)	ORDER CODE
Zigbee 3.0	111-25-45	050-2065130
Casambi	111-25-45	050-2065230



WIRELESS TO DALI-2 REPEATER

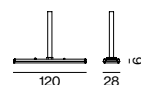
TYPE	L-W-H (mm)	ORDER CODE
Zigbee 3.0	111-25-45	050-2066130
Casambi	111-25-45	050-2066230



DALI-2 SELV device required

MIDDLE FEED

TYPE	ORDER CODE
non DIM 2×2,5mm ²	050-2038110
DALI-2 2×2,5 + 2×0,5mm ²	050-2038130



cable length 2000mm



← back



LIGHT INSET 45

linear inset 45

Quickinfo

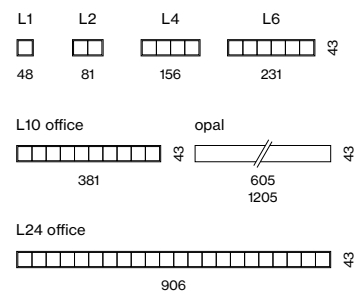
3000K, 4000K, TW
 CRI ≥ 90, 3 SDCM
 DALI-2

L85 @ 50 000 h
 opal / opal jut-out up to 99 lm/W
 microprism. (≤ 19) up to 88 lm/W
 microprism. (≤ 22) up to 78 lm/W

L80 @ 50 000 h
 UGR ≤ 19 / 65° ≤ 1500 cd/m²
 L1 up to 106 lm/W
 L2 up to 97 lm/W
 L4 up to 104 lm/W
 L6 up to 90 lm/W

L90 @ 50 000 h
 UGR ≤ 19 / 65° ≤ 1500 cd/m²
 L10 office up to 102 lm/W
 L24 office up to 120 lm/W

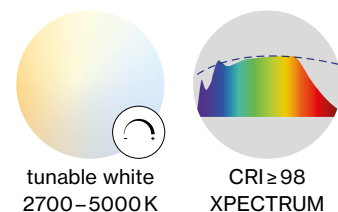
Types



Colour



Light distributions



Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6
tunable white 2700-5000K*	D

*DALI-2 DT8

CONTROL

DALI-2

MATERIAL COLOUR

● jet black RAL 9005

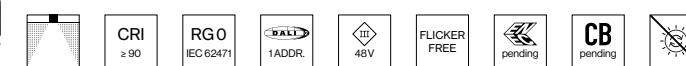
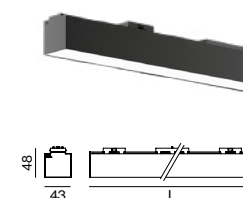
Options on request

COLOUR RENDERING INDEX
 CRI ≥ 98 XPECTRUM

CONTROL

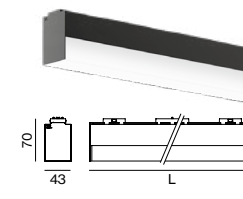
Zigbee 3.0

LIGHT INSET 45



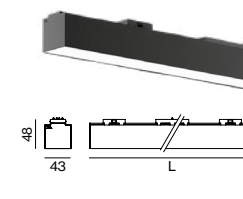
OPAL HIGH PERFORMANCE

INSET POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
12W	3000K	1120lm	605	0 5 0 - 3 2 1 2 :: 38H
24W	3000K	2240lm	1205	0 5 0 - 3 2 1 4 :: 38H
	4000K	1190lm		
	4000K	2380lm		



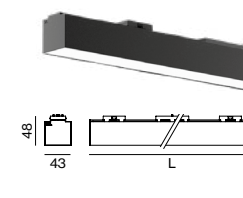
OPAL JUT-OUT

INSET POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
12W	3000K	1120lm	605	0 5 0 - 3 2 1 2 :: 38J
24W	3000K	2240lm	1205	0 5 0 - 3 2 1 4 :: 38J
	4000K	1190lm		
	4000K	2380lm		



MICROPRISMATIC UGR ≤ 19

INSET POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
9.9W	3000K	704lm	605	0 5 0 - 3 2 1 2 :: 38P
17W	3000K	1410lm	1205	0 5 0 - 3 2 1 4 :: 38P
	4000K	751lm		
	4000K	1500lm		



MICROPRISMATIC UGR ≤ 22

INSET POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
23W	3000K	1640lm	605	0 5 0 - 3 2 4 2 :: 38P
45W	3000K	3280lm	1205	0 5 0 - 3 2 4 4 :: 38P
	4000K	1750lm		
	4000K	3500lm		

INSET POWER in watts is the current consumption excluding any ballast
 LUMINOUS FLUX value calculated for CRI ≥ 90, colour black

← back

Order options

COLOUR TEMPERATURE

3000K	5
4000K	6
tunable white 2700–5000K*	D

*DALI-2 DT8

CONTROL
DALI-2

LIGHT OPTIC

medium square (UGR≤10)	E
flood square (UGR≤19)	F

LIGHT OPTIC COLOUR

chrome reflector	0
black reflector*	B

*not available for spot round, narrow medium round and wallwasher

MATERIAL COLOUR
● jet black RAL 9005

Options on request

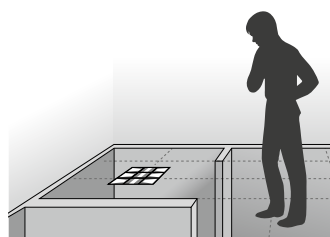
LIGHT OPTIC

spot round
narrow medium round
medium round (UGR≤19)
medium square (UGR≤10)
flood round (UGR≤19)
flood square (UGR≤19)
wide flood round
wide flood square
rectangular
wallwasher
wallwasher floor

LIGHT OPTIC COLOUR

gold reflector

Planning information



The icons of the light optics are shown in the reflected ceiling plan (RCP) view.

INSET POWER in watts is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for CRI≥90, colour black, reflector chrome

L1 LIGHT INSET

FLOOR

INSET POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
3.4 W	3000 K	up to 338 lm	0 90 - 9 L 1 :: 3 ▲ B ▣ 0 1
	4000 K	up to 361 lm	

choose one light optic ▲ from the options on the left depending on your room needs

L2 LIGHT INSET

WALL
2 × wallwasher

INSET POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
6.9 W	3000 K	590 lm	0 90 - 9 L 2 :: 3 A B 0 0 1
	4000 K	633 lm	

WALL FLOOR
2 × wallwasher floor

INSET POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
6.9 W	3000 K	620 lm	0 90 - 9 L 2 :: 3 W B ▣ 0 1
	4000 K	662 lm	

CORRIDOR
2 × rectangular

INSET POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
6.9 W	3000 K	624 lm	0 90 - 9 L 2 :: 3 R B ▣ 0 1
	4000 K	667 lm	

L4 LIGHT INSET

FLOOR/CORRIDOR

INSET POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
14 W	3000 K	up to 1350 lm	0 90 - 9 L 4 :: 3 ▲ B ▣ 0 1
	4000 K	up to 1450 lm	

choose one light optic ▲ from the options on the left depending on your room needs

WALL
4 × wallwasher

INSET POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
14 W	3000 K	1180 lm	0 90 - 9 L 4 :: 3 A B 0 0 1
	4000 K	1270 lm	

WALL
2 × wallwasher 180° + 2 × wallwasher

INSET POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
14 W	3000 K	1180 lm	0 90 - 9 L 4 :: 3 A B 0 0 2
	4000 K	1270 lm	

WALL FLOOR
4 × wallwasher floor

INSET POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
14 W	3000 K	1240 lm	0 90 - 9 L 4 :: 3 W B ▣ 0 1
	4000 K	1320 lm	

WALL FLOOR
2 × wallwasher floor 180° + 2 × wallwasher floor

INSET POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
14 W	3000 K	1240 lm	0 90 - 9 L 4 :: 3 W B ▣ 0 2
	4000 K	1320 lm	

Order options

COLOUR TEMPERATURE

3000K	5
4000K	6
tunable white 2700–5000K*	D

*DALI-2 DT8

CONTROL
DALI-2

LIGHT OPTIC COLOUR

chrome reflector	0
black reflector*	B

*not available for spot round, narrow medium round and wallwasher

MATERIAL COLOUR
● jet black RAL 9005

Options on request

COLOUR RENDERING INDEX
CRI ≥ 98 XPECTRUM*

*only for L24 light inset

LIGHT OPTIC

spot round
narrow medium round
medium round (UGR≤19)
medium square (UGR≤10)
flood round (UGR≤19)
flood square (UGR≤19)
wide flood round
wide flood square
rectangular
wallwasher
wallwasher floor

LIGHT OPTIC COLOUR
gold reflector

INSET POWER in watts is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for CRI≥90, colour black, reflector chrome

L6 LIGHT INSET

WALL
6 × wallwasher

INSET POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
21 W	3000 K	1780 lm	0 90 - 9 L 6 :: 3 A B 0 0 1
	4000 K	1900 lm	

L10 LIGHT INSET

OFFICE UGR≤19
10 × medium square

INSET POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
30 W	3000 K	2840 lm	0 50 - 3 2 1 1 :: 3 8 ▣ R
	4000 K	3060 lm	

L24 LIGHT INSET

OFFICE UGR≤19
24 × medium square

INSET POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
21 W	3000 K	2350 lm	0 50 - 3 2 1 3 :: 3 8 R
	4000 K	2510 lm	

SENABStockholm, SE –
by SENAB

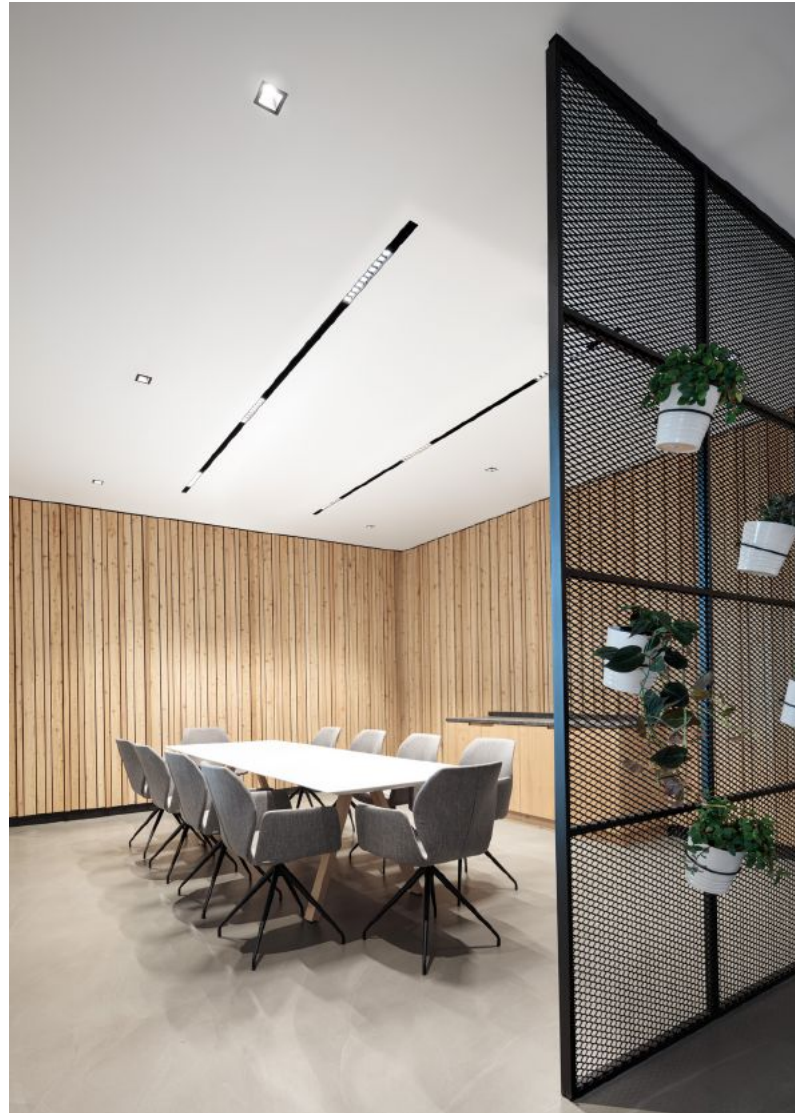
Tribünen der Trabrennbahn
Vienna, AT



Press Glass Headquarters
Konopiska, PL – by Konior Studio,
Tomasz Konior



Langzauner GmbH Ried im Innkreis, AT –
by Architektur Mugrauer ZT GmbH with
lighting design by planbox Interior Design GmbH



← back



JUST 45/55

spotlight inset 45

Quickinfo

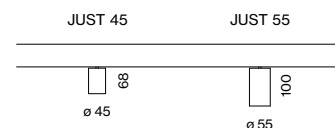
2700K, 3000K, 4000K, CWD, TW
CRI ≥ 90, 2 SDCM

non DIM, DALI-2

L80 @ 50 000 h
JUST 45 up to 72lm/W

L90 @ 50 000 h
JUST 55 up to 75lm/W

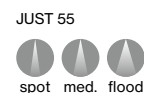
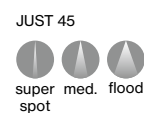
Types



Colours

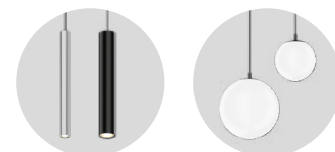


Light distributions



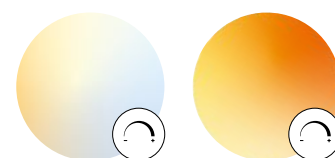
ARY rod
p.734

ARY shade
p.736



TULA
p.742

PAL
p.748



TW 1800-3000K
or 2700-6500K

CWD
2000-3000K

Order options

COLOUR TEMPERATURE	
2700K	4
3000K	5
4000K	6
colour warm dim. 2000-3000K*	
tunable white 1800-3000K**	
tunable white 2700-6500K**	

*DALI-2 **DALI-2 DT8

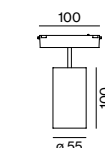
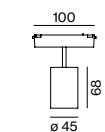
CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR	
○ traffic white RAL 9016	7
● jet black RAL 9005	8
● special colours p.992	X

BEAM ANGLE JUST 45	
medium 23°	M
flood 44°	F

BEAM ANGLE JUST 55	
spot 16°	S
medium 28°	M
flood 37°	F

INSET POWER in watts is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for 3000K, CRI ≥ 90, colour white, lens flood 2700K -5%, 4000K +5%



JUST 45



SPOTLIGHT

INSET POWER	LUMINOUS FLUX	ORDER CODE
6.1W super spot 8°	297lm	050-0131::3V
11W	788lm	050-0131::3V
12W CWD 2000-3000K	430lm	050-0131E3V
11W TW 1800-3000K	555lm	050-0131L3V
11W TW 2700-6500K	683lm	050-0131D3V

JUST 55



SPOTLIGHT

INSET POWER	LUMINOUS FLUX	ORDER CODE
15.9W	1300lm	050-0143::3V
30W	2090lm	050-0142::3V

Optical accessories

HONEYCOMB LOUVER

TYPE	Ø-H (mm)	ORDER CODE
JUST 45	42·3	007-1965188
JUST 55	50·3	007-1965598

The Raum Bolzano, IT –
by bergundtal gmbh.

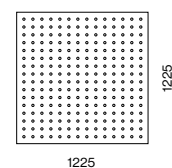


[← back](#)

Quickinfo

PET felt
 ♻️ from recycled material
 up to absorption class A

Type

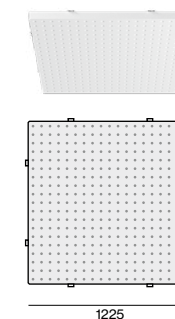


Colours



Order options

MATERIAL COLOUR **W**
 white **W**
 black **L**



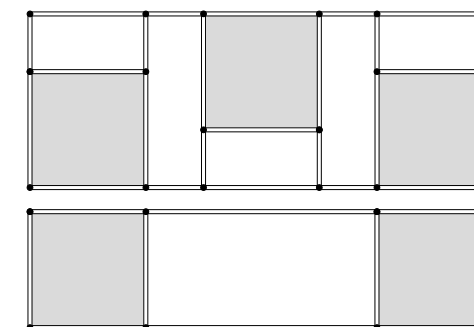
MOVE IT 45 suspended

MOVE IT ACOUSTIC SQUARE

TYPE	L-W-H (mm)	ORDER CODE
1200 inlay MOVE IT system*	1225·1225·57	050-230222 <input checked="" type="checkbox"/>

*NODE connector + track 1220mm

ACOUSTIC EXAMPLES



ACOUSTIC elements

accessory 45

EN Highly effective acoustic element made of self-supporting, recycled PET felt; direct sound is absorbed by the front-mounted fleece, sound reflected from the ceiling by an additional, rear-mounted fleece; this creates high acoustic performance; for installation in the MOVE IT 45 suspended system composed of node connectors and 1220 mm profiles

FR Élément acoustique haute performance en feutre PET recyclé, autoportant ; absorption du bruit direct grâce à la façade en non-tissé, ainsi qu'absorption du bruit réfléchi par le plafond grâce à une couche de non-tissé supplémentaire au dos ; pour de meilleures performances acoustiques ; à insérer dans le système suspendu MOVE IT 45 composé de jonctions et profils d'une longueur de 1220mm disponibles

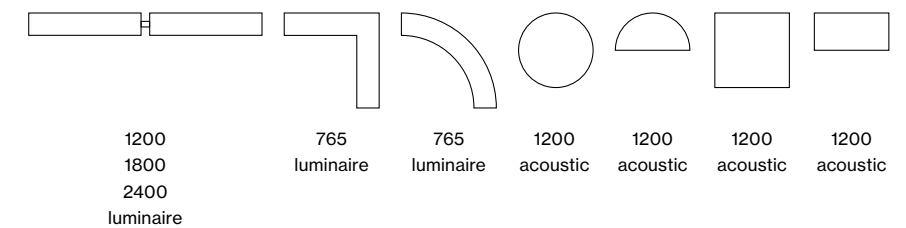
Ultra-slim office series

TASK system

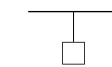
EN In addition to impressive flexibility, the ultra-slim TASK series meets all requirements of modern office lighting. Innovative technology and highly efficient LEDs meet minimalistic design. Thanks to its microprismatic cover, TASK provides bright and glare-minimised work light. The product family with a shared sleek design is impressive: TASK can be expanded into a system via a click mechanism. The optional indirect light delivers pleasant ceiling illumination. Additional built-in sensors allow the TASK S system to adapt to motion and ambient brightness. The system can be expanded with optional acoustic elements to optimise room acoustics.

FR La gamme ultrafine TASK coche toutes les cases d'un éclairage de bureau moderne – et ce, avec une remarquable flexibilité. Une technologie innovante et des LED haute performance associées à un design épuré. Grâce au diffuseur microprismatique, TASK produit une lumière de travail brillante avec un éblouissement minimal. Cette gamme de produits fait forte impression par la finesse et l'homogénéité du design : un simple mécanisme de clic permet de compléter le TASK en un système complet. La partie indirecte proposée en option éclaire le plafond de façon très agréable. L'ajout de capteurs intégrés permet d'adapter le système TASK S au mouvement et à la luminosité ambiante. Pour obtenir une acoustique optimale, il est possible d'agrémenter, en option, le système d'éléments acoustiques.

Types

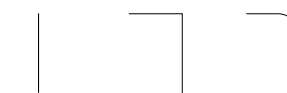


Mounting



suspended

Configurations

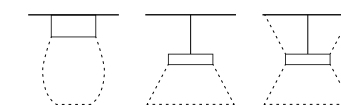


linear

corner

curve

Light distributions



microprismatic
(UGR ≤ 19)

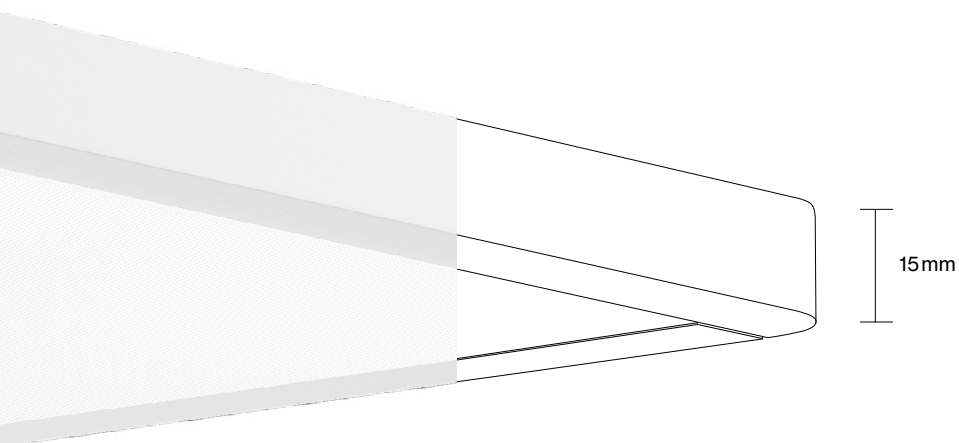
direct

direct/indirect

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.

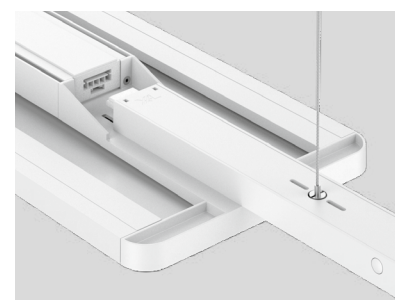
FR TASK combine un design ultraplât avec une technologie d'éclairage innovante. En font partie un LGP (Light Guiding Prism) qui dirige la lumière couplée latéralement de LEDs à haute efficacité vers le haut et le bas. Il crée un bel équilibre entre lumière directe et indirecte et donc une atmosphère agréable.



Simple click

EN Design freedom thanks to plug-in connections. Each TASK S system luminaire can be rearranged, combined, and electrically connected with just one click and without any tools. Whether office extension or interior redesign, this lighting system can handle any change.

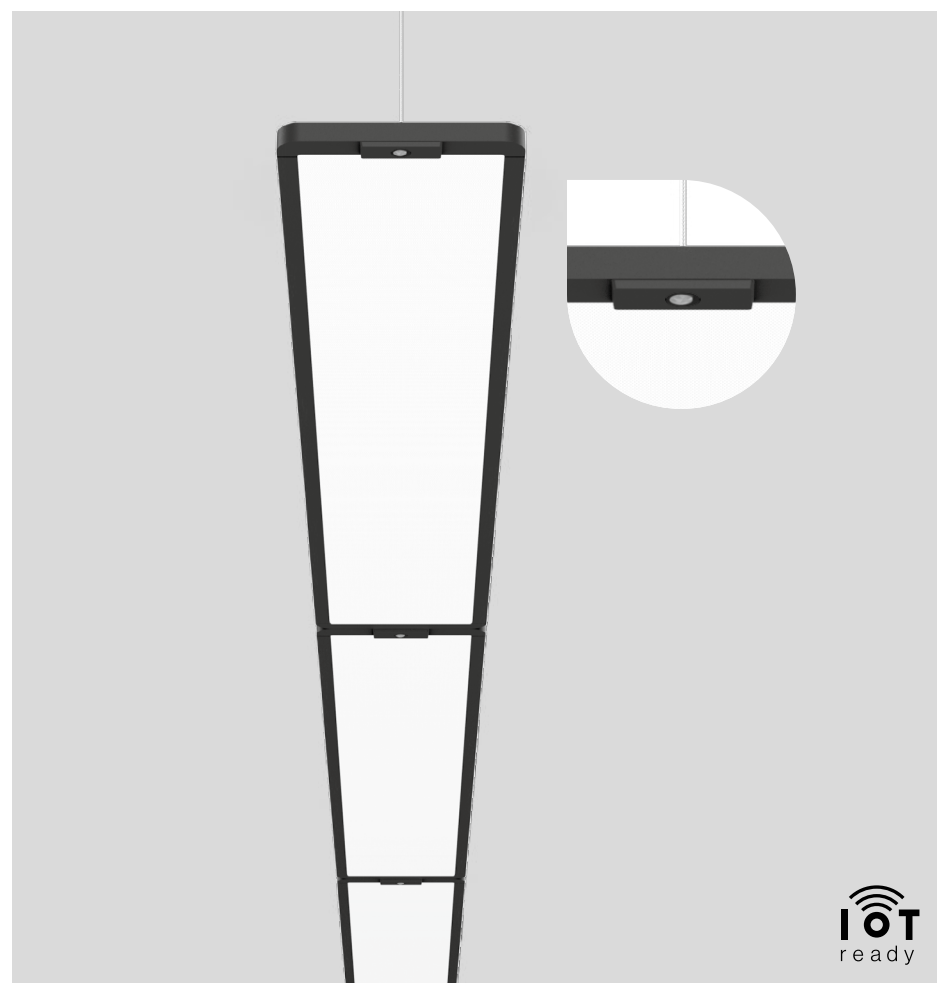
FR Grande liberté de conception grâce au connecteur enfichable : chaque luminaire du système TASK S peut être monté sans outil et réarrangé, combiné ou connecté électriquement en un seul clic. Extension de bureau ou réaménagement de votre intérieur : le système d'éclairage vous suit dans toutes vos envies.



Pleasant room acoustics

EN In addition to lighting, pleasant room acoustics have an impact on job satisfaction. Acoustic element panels in different colours and made of 60% recycled PET complement the TASK series and reduce background noise around the office. For focused, productive work.

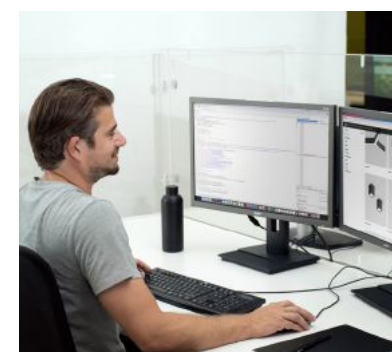
FR Tout comme la lumière, une acoustique agréable joue elle aussi un rôle important sur la satisfaction au travail. Des éléments acoustiques dans différentes couleurs et constitués de 60% de PET recyclé complètent la série TASK et réduisent les bruits ambiants dans les bureaux. Afin de pouvoir travailler de manière concentrée et productive.



Advanced sensor technology

EN The TASK S system luminaire adapts to daylight and room activity. Integrated motion sensors automatically dim the lighting when no one is in the room. Smart movement sensors enable the light intensity to be adjusted to the ambient brightness. This saves energy and creates a dynamic, natural lighting atmosphere.

FR Le luminaire système TASK S s'adapte à la lumière du jour et à l'activité dans la pièce. Des capteurs de mouvement intégrés atténuent automatiquement l'éclairage lorsqu'il n'y a personne dans la pièce. Des capteurs Daylight intelligents se chargent d'adapter l'intensité lumineuse à la luminosité ambiante. Cela permet d'économiser de l'énergie et crée une ambiance lumineuse naturelle et dynamique.



Screen-work friendly

EN TASK guarantees standard-compliant illumination of workplaces with custom anti-glare prisms. An ideal light source for double workstations in open-plan offices and for single workstations in smaller offices – all with reduced reflections.

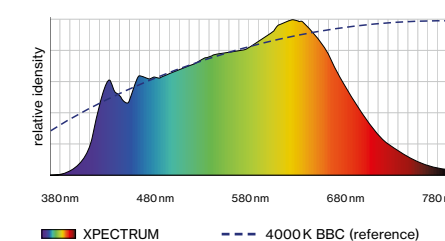
FR Grâce à des prismes anti-éblouissement spéciaux, TASK garantit un éclairage des postes de travail conforme aux normes en vigueur. Une source de lumière idéale pour les postes de travail doubles dans les bureaux en open space, mais aussi pour les postes de travail individuels dans des bureaux plus petits et ce, avec des reflets moindres.

Full-spectrum LED

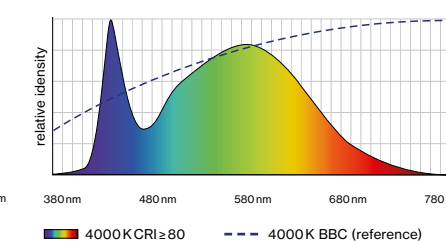
EN XAL's new XPECTRUM LEDs deliver healthy, biologically effective light. The reduced blue light and increased cyan values reduce the blue light hazard for the eye to daylight-equivalent levels. The resulting non-visual, so-called melanopic light effect, improves concentration and increases sleep quality.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

FR La nouvelle LED XPECTRUM de XAL fournit une lumière saine et adaptée au rythme circadien. La réduction de la lumière bleue ainsi que l'augmentation des valeurs cyan réduisent le risque que représente pour l'œil la lumière bleue, retrouvant un niveau similaire à celui de la lumière du jour. Il en résulte un effet d'éclairage non visuel, dit mélanopique, qui favorise la concentration et améliore la qualité du sommeil. L'excellent rendu des couleurs de l'IES TM 30-15 $R_f=98$ et $R_g=101$ constitue un autre atout pour le confort visuel.

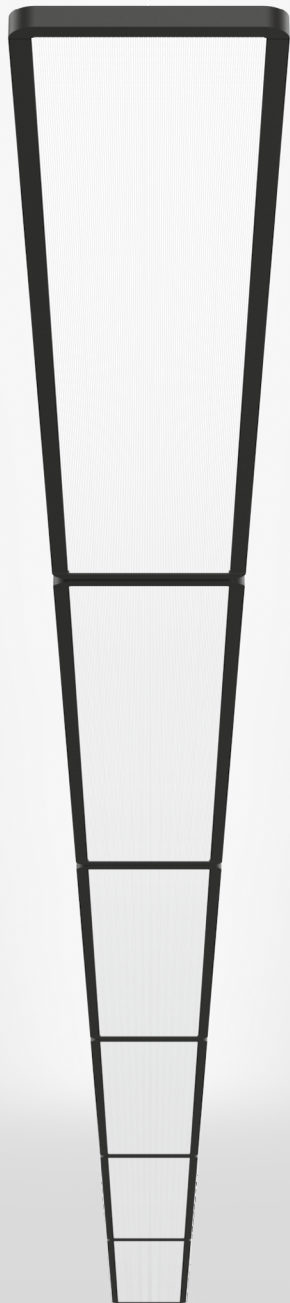
XPECTRUM LED



Commercially available LED 4000K



← back



TASK S system

suspended

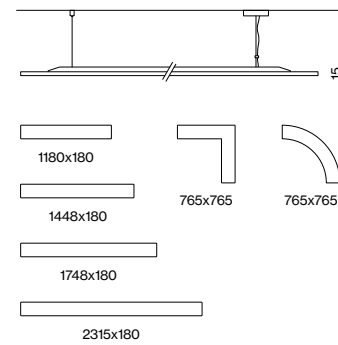
EN Luminaire housing made of aluminium – rounded edges; rectangular, L-shaped or quarter circle segment design; ultra low-profile design (only 15 mm); for lighting systems; powder coated; cable suspension, tool-less height adjustment; convenient quick mounting system without tools; direct or direct/indirect 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 – special PCBs for increased luminous flux (max. ceiling illumination); completely homogeneous illumination; energy-eff. LEDs – very good colour rendering; canopy for through wiring; sound absorb. accessories available

FR Corps en alu., bords arrondis ; rectangulaire, en forme de L ou comme segment de quart-de-cercle ; forme extrêm. plate (15 mm) ; pour les systèmes d'éclairage ; thermolaquée ; suspension à câble réglable en hauteur sans outil ; sys. de montage rapide et sans outil ; distrib. de lumière directe ou dir./indir. par LGP-Body ; lumière couplée latéralement par gravure laser, dirigée vers le bas ou vers le haut et le bas ; guidage lum. avec matériau réflecteur réfléchissant ; option : prop. lumière indir., platines propres p. flux lumineux accru (éclairc. plafond max.) ; éclairage homogène ; LED à haut rend. énerg. – excellent rendu coul. ; cache-piton pour câblage cont. ; accessoires avec propriétés d'absorption acoustique

Quickinfo

3000K, 4000K, TW
 CRI ≥ 90, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 124 lm/W
 L80 @ 50 000 h
 DALI-2, DALI sensor
 microprismatic (UGR ≤ 19)

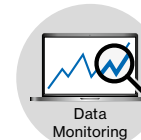
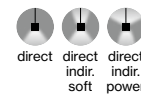
Types



Colours



Light distributions



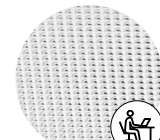
DiiA® standards
251, 252, 253



single luminaire
(p. 432)



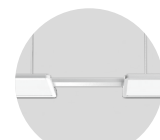
acoustic
elements (p. 456)



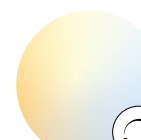
DIN EN 12464-1
UGR ≤ 19



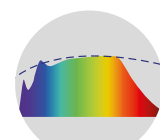
click-
system



system
connector



tunable white
2700–6500 K



CRI ≥ 98
XPECTRUM

Order options

COLOUR TEMPERATURE

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

*DALI-2 DT8; CRI ≥ 80

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

CONTROL

DALI-2	3
DALI sensor*	7

*version with sensor: length + 9 mm

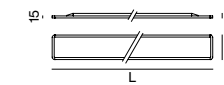
MATERIAL COLOUR

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

Options on request

COLOUR RENDERING INDEX

CRI ≥ 80	
CRI ≥ 98 XPECTRUM	



TASK S LINEAR suspended



SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
12.9 W	3000 K	1460 lm	1180	059-5744::K
	4000 K	1550 lm		
16.1 W	3000 K	1820 lm	1448	059-5745::K
	4000 K	1940 lm		
19.3 W	3000 K	2190 lm	1748	059-5746::K
	4000 K	2330 lm		
25.7 W	3000 K	2920 lm	2315	059-5748::K
	4000 K	3110 lm		



SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
19.5 W	3000 K	↓ 1900 / ± 327 lm	1180	059-5754::K
	4000 K	↓ 2020 / ± 347 lm		
24.4 W	3000 K	↓ 2380 / ± 408 lm	1448	059-5755::K
	4000 K	↓ 2540 / ± 435 lm		
29.2 W	3000 K	↓ 2860 / ± 490 lm	1748	059-5756::K
	4000 K	↓ 3040 / ± 521 lm		
39 W	3000 K	↓ 3810 / ± 653 lm	2315	059-5758::K
	4000 K	↓ 4050 / ± 695 lm		



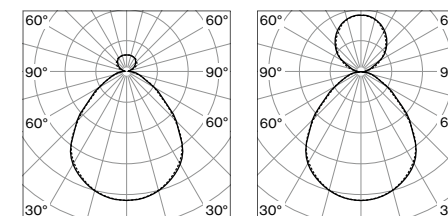
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
42 W	3000 K	↓ 3190 / ± 1680 lm	1180	059-5764::K
	4000 K	↓ 3400 / ± 1790 lm		
49 W	3000 K	↓ 3190 lm	1180	059-57D40::K
(2×DALI)	2700–6500 K	± 2090 lm		
49 W	4000 K	↓ 3400 lm	1180	059-57D41::K
(2×DALI)	2700–6500 K	± 2090 lm		
62 W (2×)	2700–6500 K	± 6060 lm	1180	059-5764D::K

53 W	3000 K	↓ 3990 / ± 2100 lm	1448	059-5765::K
	4000 K	↓ 4250 / ± 2230 lm		
61 W	3000 K	↓ 3990 lm	1448	059-57D50::K
(2×DALI)	2700–6500 K	± 2610 lm		
61 W	4000 K	↓ 4250 lm	1448	059-57D51::K
(2×DALI)	2700–6500 K	± 2610 lm		
78 W (2×)	2700–6500 K	± 7570 lm	1448	059-5765D::K

63 W	3000 K	↓ 4790 / ± 2520 lm	1748	059-5766::K
	4000 K	↓ 5100 / ± 2680 lm		
71 W	3000 K	↓ 4790 lm	1748	059-57D60::K
(2×DALI)	2700–6500 K	± 2940 lm		
71 W	4000 K	↓ 5100 lm	1748	059-57D61::K
(2×DALI)	2700–6500 K	± 2940 lm		
85 W (2×)	2700–6500 K	± 8530 lm	1748	059-5766D::K

84 W	3000 K	↓ 6390 / ± 3360 lm	2315	059-5768::K
	4000 K	↓ 6800 / ± 3580 lm		
92 W	3000 K	↓ 6390 lm	2315	059-57D80::K
(2×DALI)	2700–6500 K	± 4180 lm		
92 W	4000 K	↓ 6800 lm	2315	059-57D81::K
(2×DALI)	2700–6500 K	± 4180 lm		
118 W (2×)	2700–6500 K	± 12120 lm	2315	059-5768D::K

Light distributions



microprismatic direct/indirect soft
 microprismatic direct/indirect power

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

Mounting accessories

see page 814

Order options

CORNER

without power feeder	2
with power feeder	3

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

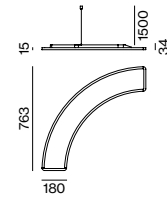
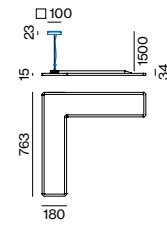
Options on request

COLOUR RENDERING INDEX

CRI ≥ 80	
CRI ≥ 98 XPECTRUM	

TASK S CORNER/CURVE suspended

incl. cable suspension 1500 mm



	CRI ≥ 98		UGR ≤ 19		cd/m² ≤ 3000		RG0 IEC 62471		1ADDR.		220-240V		X-PERT		X-PERT
--	----------	--	----------	--	--------------	--	---------------	--	--------	--	----------	--	--------	--	--------

DIRECT

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
15W	3000K	1700lm	765	0 5 9 - 5 8 4 3 K
corner	4000K	1810lm		
12.9W	3000K	1460lm	765	0 5 9 - 5 5 4 2 3 K
curve	4000K	1550lm		

	CRI ≥ 98		UGR ≤ 19		cd/m² ≤ 3000		RG0 IEC 62471		1ADDR.		220-240V		X-PERT		X-PERT
--	----------	--	----------	--	--------------	--	---------------	--	--------	--	----------	--	--------	--	--------

DIRECT / INDIRECT SOFT

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
22.7W	3000K	↓ 2220 / ↑ 381lm	765	0 5 9 - 5 8 5 3 K
corner	4000K	↓ 2370 / ↑ 407lm		

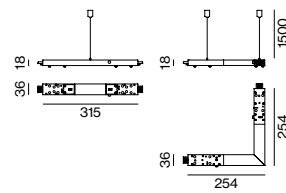
	CRI ≥ 98		UGR ≤ 19		RG0 IEC 62471		1ADDR.		220-240V		X-PERT		X-PERT
--	----------	--	----------	--	---------------	--	--------	--	----------	--	--------	--	--------

DIRECT / INDIRECT POWER

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
49W	3000K	↓ 3680 / ↑ 1890lm	765	0 5 9 - 5 8 6 3 K
corner	4000K	↓ 3920 / ↑ 2010lm		
42W	3000K	↓ 3150 / ↑ 1610lm	765	0 5 9 - 5 5 6 2 3 K
curve	4000K	↓ 3350 / ↑ 1720lm		

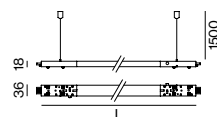
Mounting accessories

LINEAR / CORNER 90° CONNECTOR incl. cable suspension 1500 mm



TYPE	L (mm)	ORDER CODE
linear mechanical & electrical	10	0 5 9 - 2 7 9 2 3 1
linear mechanical	10	0 5 9 - 2 7 9 2 4 1
corner 90° mechanical & electrical	254x254	0 5 9 - 2 7 9 2 7 1
corner 90° mechanical	254x254	0 5 9 - 2 7 9 2 8 1

SYSTEM CONNECTOR incl. cable suspension 1500 mm



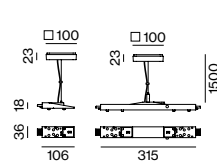
TYPE	L (mm)	ORDER CODE
mechanical & electrical	800	0 5 9 - 2 7 9 2 3 2
mechanical & electrical	1200	0 5 9 - 2 7 9 2 3 3
mechanical & electrical cuttable	1200	0 5 9 - 2 7 9 2 3 0
mechanical & electrical cuttable	2400	0 5 9 - 2 7 9 2 3 4
optional cable suspension	1500	0 5 9 - 2 7 9 2 1 2 7

END PIECE incl. cable suspension 1500 mm



TYPE	L (mm)	ORDER CODE
end piece	1500	0 5 9 - 2 7 9 2 1 1

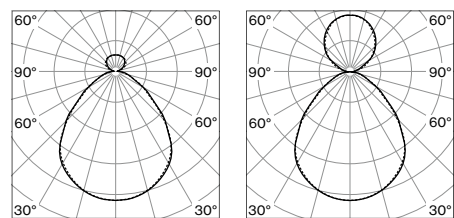
POWER FEEDER incl. cable suspension 1500 mm and canopy / feeder cable



TYPE	L (mm)	ORDER CODE
power feeder 5x1.5mm²	1500	0 5 9 - 2 7 9 2 2 1
middle power feeder 5x1.5mm²	1500	0 5 9 - 2 7 9 2 5 1

for electrical system configuration see luminaire data sheet at xal.com

Light distributions



microprismatic direct/indirect soft microprismatic direct/indirect power

LUMINOUS FLUX value calculated for colour white, cover microprismatic



L'Oréal Vienna, AT - by Philipp Grem

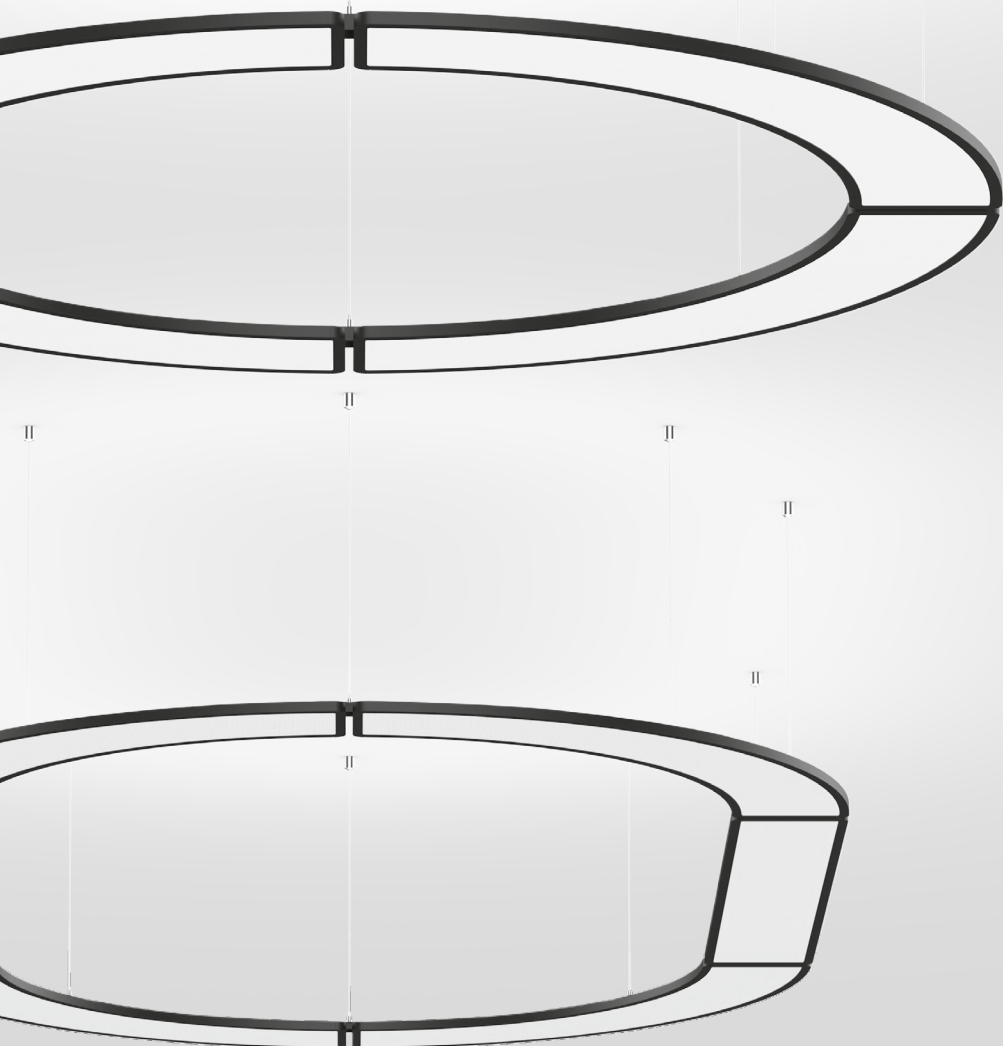
Clariant Lodz, PL –
by The Design Group
with lighting design
by Plus Lighting



Training center GBU Ritual
Moscow, RU – by Khvorostyaniy T. &
Semionov A. with lighting design by
KA2 Light Architecture



← back



TASK circle

suspended

EN Ring-shaped suspended luminaire, consisting of single elements in quarter circle or rectangular shape; Luminaire housing made of aluminium – rounded edges; ultra low-profile design (only 15 mm); surface powder coated; cable suspension, tool-less height adjustment; convenient quick mounting system without tools; 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-eff. LEDs – very good colour rendering; canopy for through wiring; optional acoustic elements available

FR Luminaire suspendu circulaire, composé d'éléments individuels en forme de quart-de-cercle ou de rectangle ; Corps du luminaire en aluminium - bords arrondis ; forme extrêm. plate (15 mm seulement) ; surface thermolaquée ; suspension à câble réglable en hauteur sans outil ; système de montage rapide, convivial et sans outil ; incl. conduit d'alimentation transparent ; distribution de lumière directe par LGP-Body (Light Guiding Prism) ; lumière couplée latéralement guidée vers le bas par gravure laser ; partie indirecte avec platines dédiées pour un flux lumineux accru et un éclairage maximal du plafond ; éclairage parfaitement homogène ; LED à haut rend. énerg. – excellent rendu coul. ; cache-piton pour câblage continu ; en option : éléments acoustiques disponibles

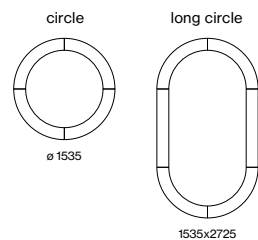


Quickinfo

4000K
CRI ≥ 90, 3 SDCM
UGR ≤ 19 / 65° ≤ 3000 cd/m²
up to 117 lm/W
L95 @ 50 000h
DALI-2
microprismatic (UGR ≤ 19)

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

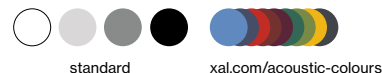
Types



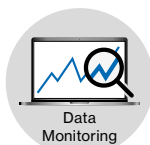
Luminaire colours



Acoustic colours



Light distribution



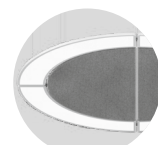
DiiA® standards
251, 252, 253



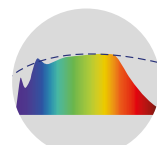
click-system



DIN EN 12464-1
UGR ≤ 19



acoustic elements



CRI ≥ 98
XPECTRUM

Order options

COLOUR TEMPERATURE
4000K

CONTROL
DALI-2

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

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

LIGHT OPTIC COVER
microprismatic (UGR ≤ 19)

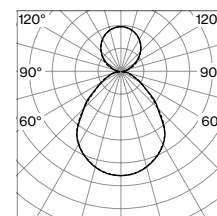
Options on request

COLOUR RENDERING INDEX
CRI ≥ 80
CRI ≥ 98 XPECTRUM

FORM

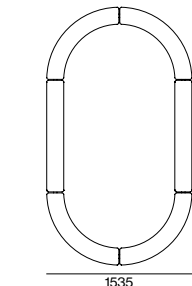
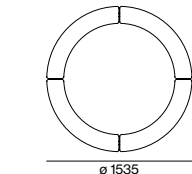
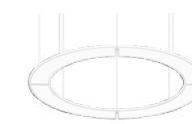
for other configurations see
TASK S suspended system

Light distribution



microprismatic
direct/indirect power

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



TASK circle suspended



DIRECT / INDIRECT POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
169W	4000K	↓ 12900 / ± 6870 lm	0 5 9 - 5 2 8 1 1 3 <input checked="" type="checkbox"/> K

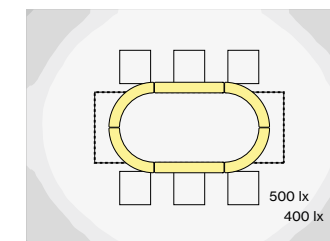
TASK long circle suspended



DIRECT / INDIRECT POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
252W	4000K	↓ 20200 / ± 10460 lm	0 5 9 - 5 2 8 2 1 3 <input checked="" type="checkbox"/> K

Technical data



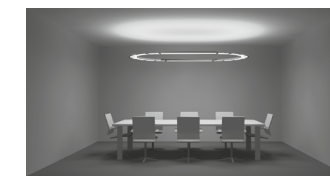
TASK long circle
252W, 4000K, direct/indirect power

ROOM VALUES

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

CALCULATION SURFACE

Surface dimensions	3.2 × 1.2 m
Surface height	0.75 m
Average illuminance (E _m)	> 500 lx
Uniformity (U ₀)	> 0.6



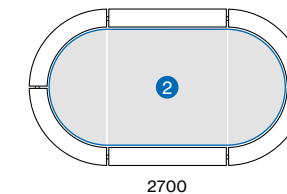
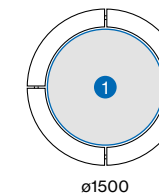
GLARE EVALUATION
Table Classification X=4H | Y=8H | S=0.25H

UGR transversal	≤ 19
UGR axial	≤ 19

Acoustic elements

TASK ACOUSTIC inlay

TYPE	L-W-H (mm)	ORDER CODE
1 TASK circle suspended	1155-1155-30	0 5 9 - 5 7 9 7 3 6 <input checked="" type="checkbox"/>
2 TASK long circle suspended	1155-2346-30	0 5 9 - 5 7 9 7 3 8 <input checked="" type="checkbox"/>





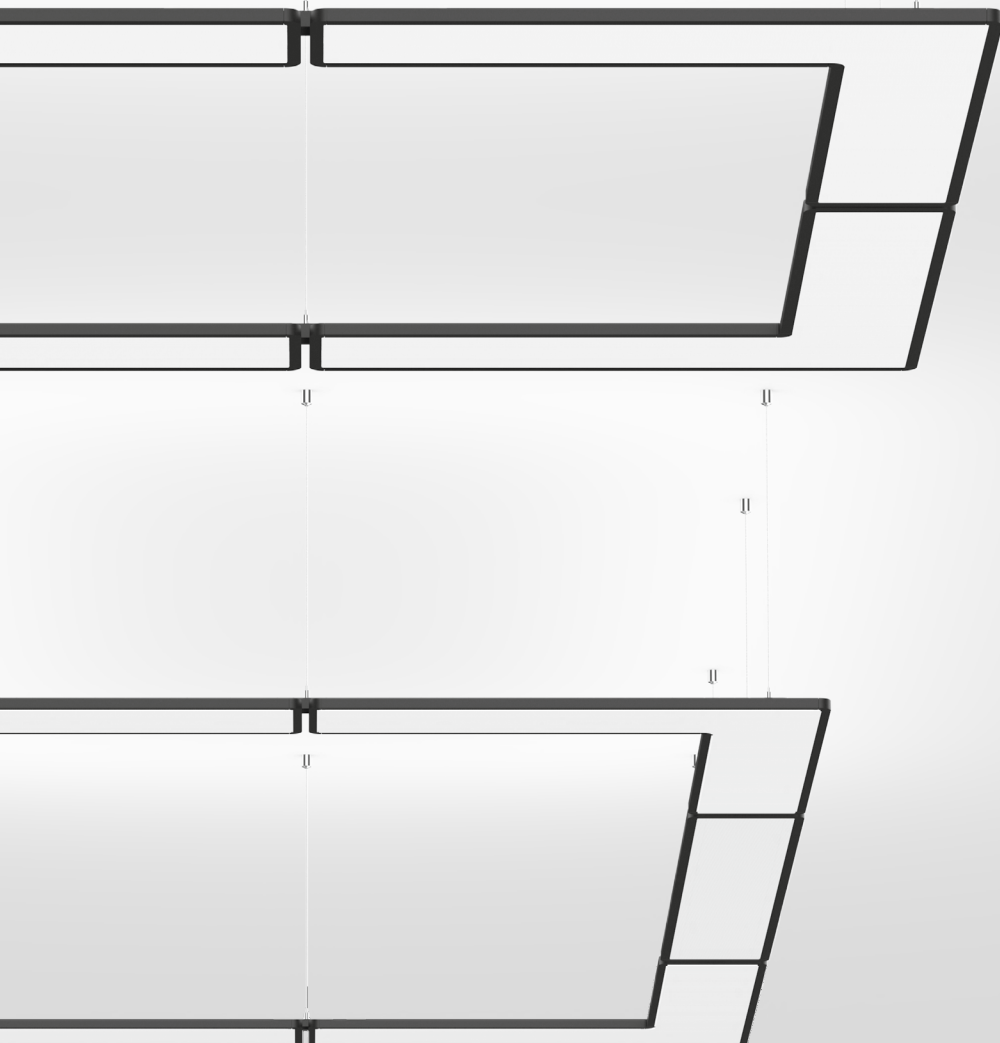
Art Invest Millenium Tower
Vienna, AT –
by LOVE architecture and urbanism

ART INVEST
REAL ESTATE

**Compound Semiconductor
Applications Catapult**
Wales, UK – by Monteith Scott



← back



TASK angular suspended

EN Rectangular suspended luminaire, consisting of single L-shaped or rectangular elements; Luminaire housing made of aluminium – rounded edges; ultra low-profile design (only 15 mm); surface powder coated; cable suspension, tool-less height adjustment; convenient quick mounting system without tools; 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-eff. LEDs – very good colour rendering; canopy for through wiring; optional acoustic elements available

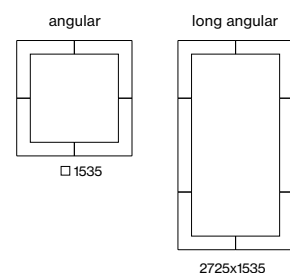
FR Luminaire suspendu circulaire, composé d'éléments individuels en forme de L ou de rectangle ; Corps du luminaire en aluminium – bords arrondis ; forme extrêm. plate (15mm seulement) ; surface thermolaquée ; suspension à câble réglable en hauteur sans outil ; système de montage rapide, convivial et sans outil ; incl. conduit d'alimentation transparent ; distribution de lumière directe par LGP-Body (Light Guiding Prism) ; lumière couplée latéralement guidée vers le bas par gravure laser ; partie indirecte avec platines dédiées pour un flux lumineux accru et un éclairage maximal du plafond ; éclairage parfaitement homogène ; LED à haut rend. énerg. – excellent rendu coul. ; cache-piton pour câblage continu ; en option : éléments acoustiques disponibles

Quickinfo

4000K
CRI ≥ 90, 3 SDCM
up to 118lm/W
L95 @ 50 000h
DALI-2
microprismatic (UGR ≤ 19)

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

Types



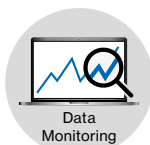
Luminaire colours



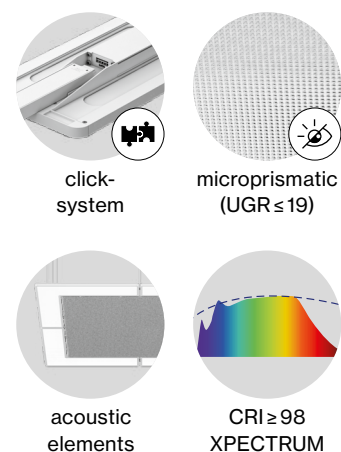
Acoustic colours



Light distribution



DiiA® standards
251, 252, 253



Order options

COLOUR TEMPERATURE
4000K

CONTROL
DALI-2

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

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

LIGHT OPTIC COVER
microprismatic (UGR ≤ 19)

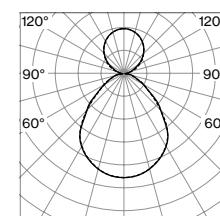
Options on request

COLOUR RENDERING INDEX
CRI ≥ 80
CRI ≥ 98 XPECTRUM

FORM

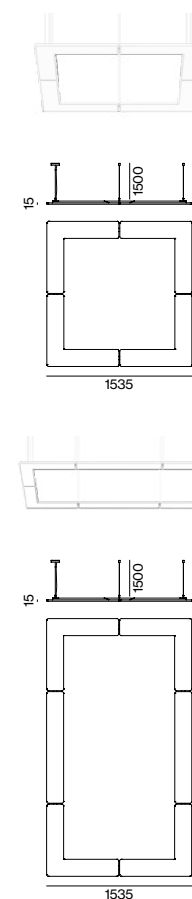
for other configurations see
TASK S suspended system

Light distribution



microprismatic
direct/indirect power

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



TASK angular suspended



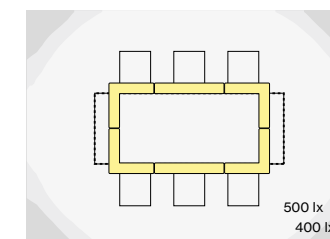
DIRECT / INDIRECT POWER
SYSTEM POWER 197W COLOUR TEMP. 4000K LUMINOUS FLUX ↓ 15200/± 8050lm ORDER CODE 0 5 9 - 5 2 8 3 1 3 K

TASK long angular suspended



DIRECT / INDIRECT POWER
SYSTEM POWER 280W COLOUR TEMP. 4000K LUMINOUS FLUX ↓ 22480/± 11620lm ORDER CODE 0 5 9 - 5 2 8 4 1 3 K

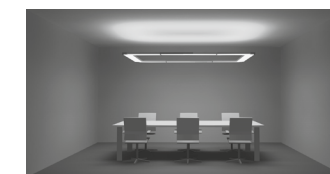
Technical data



TASK long angular, 280W, 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 3.2 × 1.2m
Surface height 0.75m
Average illuminance (E_m) > 500 lx
Uniformity (U₀) > 0.6

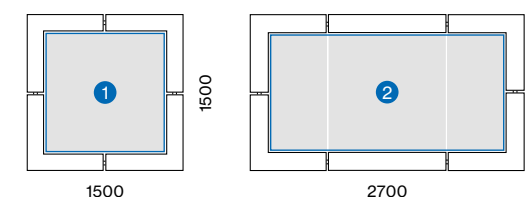


GLARE EVALUATION
Table Classification X=4H | Y=8H | S=0.25H
UGR transversal ≤ 19
UGR axial ≤ 19

Acoustic elements

TASK ACOUSTIC inlay

TYPE	L-W-H (mm)	ORDER CODE
1 TASK angular suspended	1155-1155-30	0 5 9 - 5 7 9 7 1 6 K
2 TASK long angular suspended	1155-2346-30	0 5 9 - 5 7 9 7 1 8 K



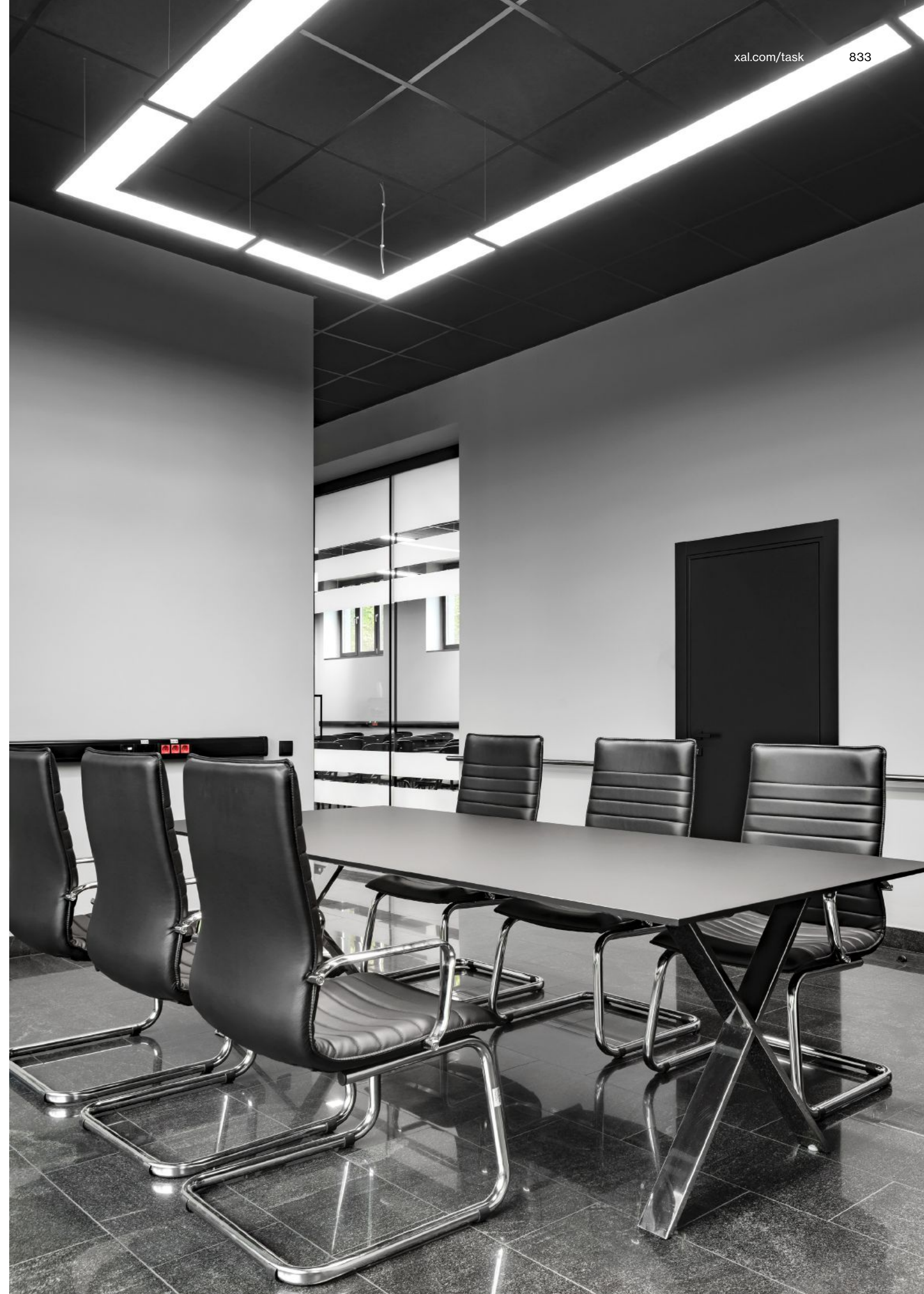
L'Oréal
Vienna, AT –
by Philipp Grem



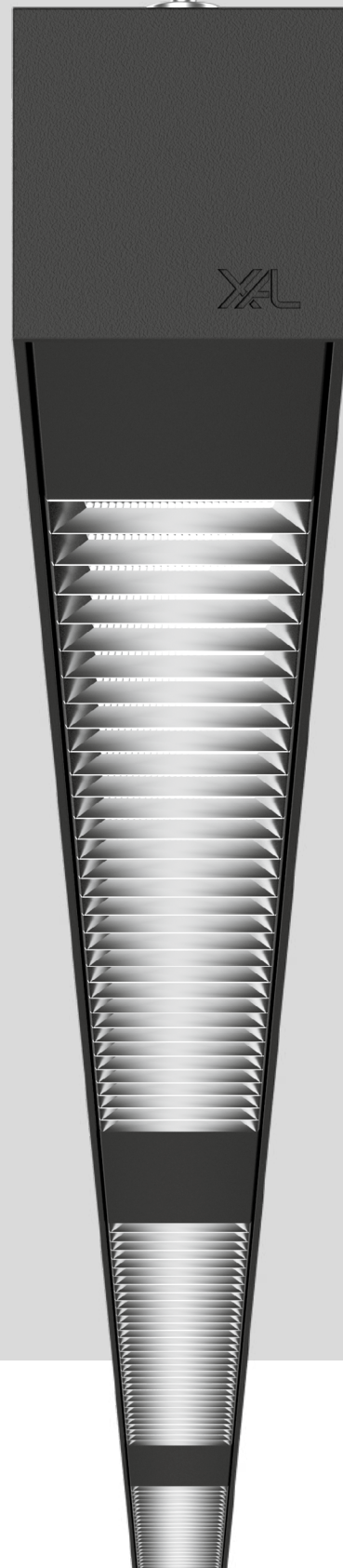
Community Windpower
Cheshire, UK



Training center GBU Ritual
Moscow, RU – by Khvorostyaniy T. &
Semionov A. with lighting design by
KA2 Light Architecture



Slim and smart office system

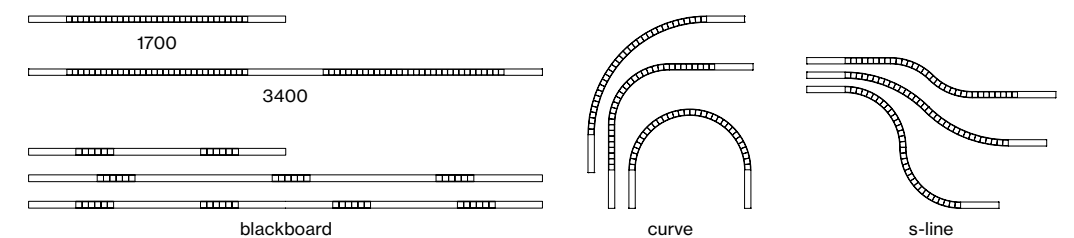


BETO system

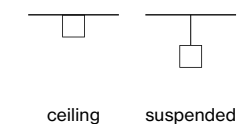
EN BETO is extremely slim, powerful, and optimised for office use. It is a system luminaire with an impressive range of flexible elements that can be lined up like building blocks. Available in ceiling-mounted and suspended versions, the system combines technical excellence with subtle, minimalist design. Designed specifically for offices, BETO has custom reflectors to give the best possible user-friendly, ambient monitor lighting. Some variants can be fitted with a brightness and presence sensor. This adapts the lighting to the activity in the office while reducing energy costs. The BETO System has an optional indirect light component for additional ceiling illumination. All curved and straight elements come in 3000 K or 4000 K light colours, and some also have a Tunable White option.

FR Extrêmement mince, puissant et optimisé pour un usage professionnel, le luminaire système BETO séduit par la modularité de ses composants qui peuvent être combinés à la guise du client. Monté en surface au plafond ou suspendu, il allie l'excellence technique à un design subtil et minimaliste. BETO a été spécifiquement conçu pour les besoins des bureaux et dispose de réflecteurs spéciaux pour une lumière optimale adaptée au travail sur écran. En outre, dans certaines de ses versions, le luminaire peut être équipé d'un capteur de présence et de luminosité, permettant ainsi de réduire la facture énergétique en adaptant l'éclairage à la dynamique du bureau. Le système BETO peut être équipé, en option, d'une composante de lumière indirecte pour un éclairage supplémentaire du plafond. Tous les éléments courbes ou droits sont disponibles dans les couleurs de lumière 3000 K, 4000 K ou, pour certains, avec l'option Tunable White.

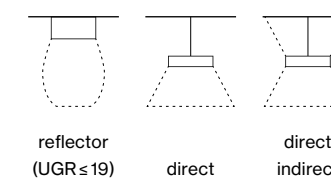
Types

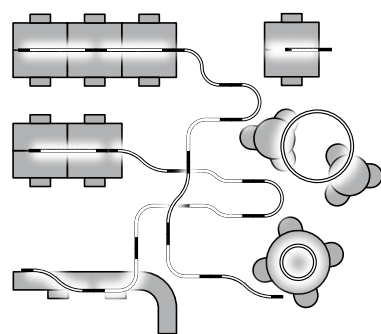


Mountings



Light distributions

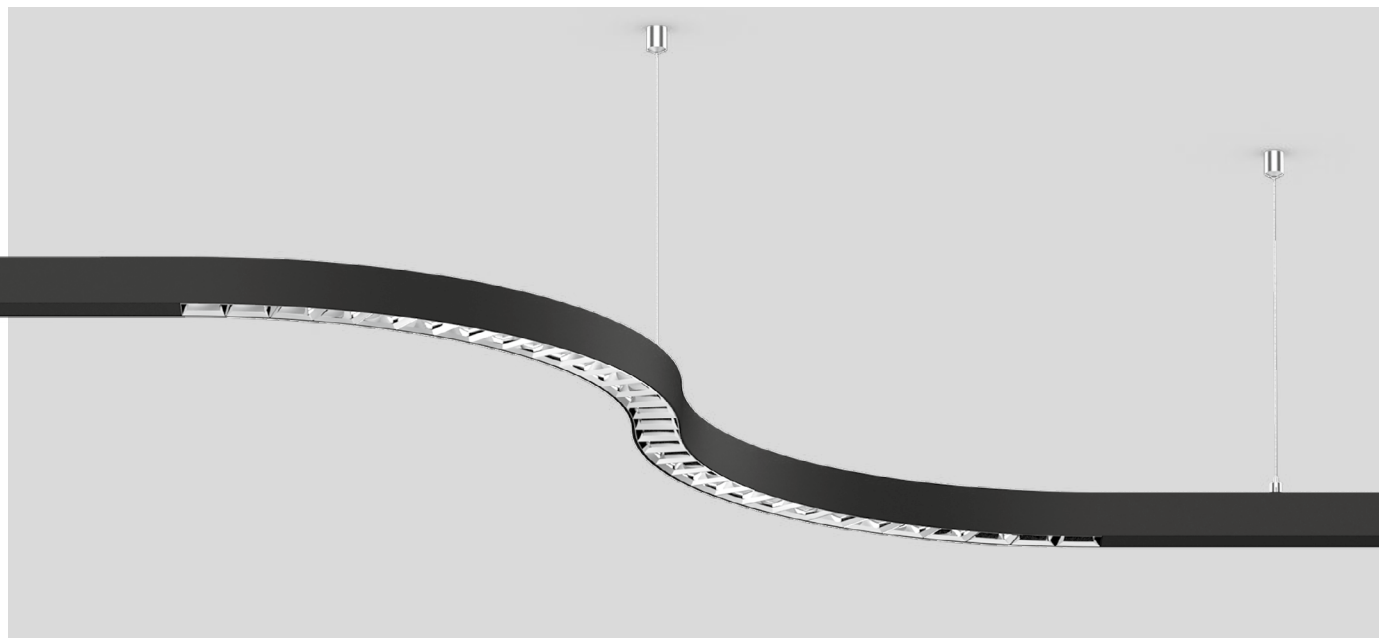




Straight or curved

EN BETO System comes as a suspended luminaire with both straight or curved system elements. Regardless of whether in a linear, curved, or s-shaped design, BETO offers a multifunctional lighting solution that can be integrated into any lighting concept. With an optional indirect light component, the light is distributed homogeneously, creating a pleasant atmosphere.

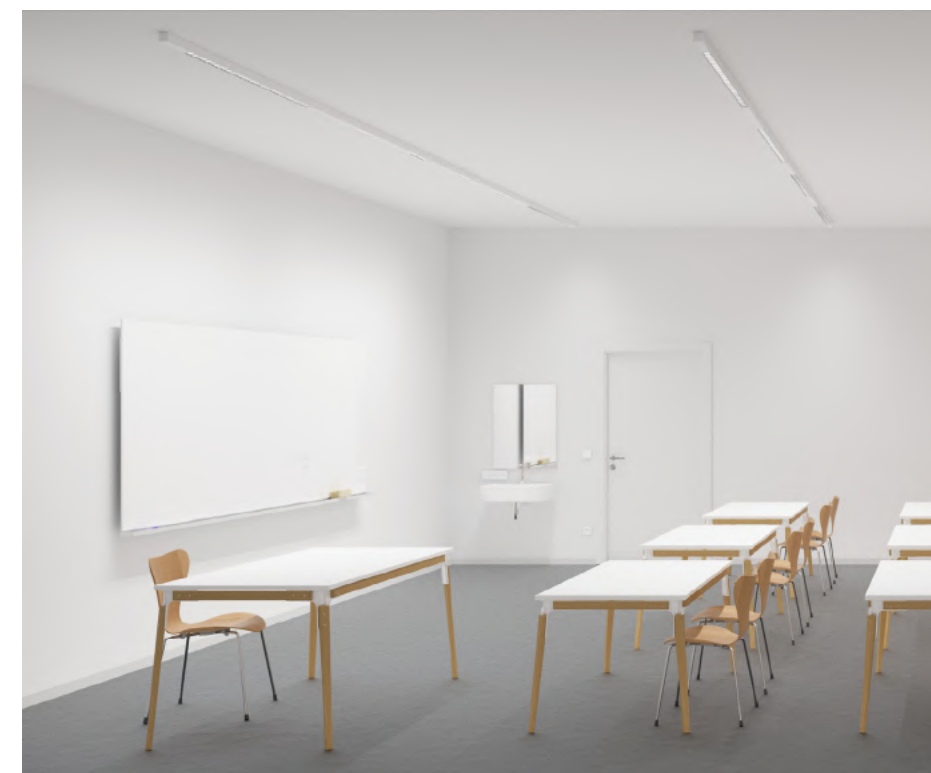
FR Le système BETO se présente sous forme d'un luminaire suspendu avec des éléments de système linéaires ou courbes. Qu'ils soient linéaires, courbes ou en S, les modèles BETO offrent une solution d'éclairage multifonctionnelle qui s'intègre à tous les concepts d'éclairage. En option, une composante de lumière indirecte permet de répartir la lumière de manière homogène dans la pièce, procurant ainsi une agréable sensation d'espace.



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.

FR En tant que luminaire de bureaux, BETO garantit un éclairage conforme aux normes des postes de travail (jusqu'à $UGR \leq 13$). Des réflecteurs spécialement conçus pour réduire l'éblouissement et l'utilisation ciblée de protections dirigent la lumière avec précision sur le plan de travail et réduisent les reflets. Dans la formule directe/indirecte, un jeu spécial de lentilles répartit de manière homogène la très large composante de lumière indirecte dans la pièce.



Blackboard lighting

EN Uniform blackboard illumination is still a primary focus of good classroom lighting to hold attention and remain legible even from the back. It is often helpful during presentations to dim the lighting or to illuminate parts of the room. Pre-programmed lighting scenes can be activated, thus supporting varying teaching requirements.

FR L'objectif d'un bon éclairage de salle de classe reste l'éclairage uniforme du tableau afin de garantir, une visualisation et une lisibilité optimales y compris au dernier rang. Lors des présentations, il peut être judicieux de faire varier l'intensité de l'éclairage ou de n'éclairer que certaines parties de la pièce. Des configurations préprogrammées peuvent être activées pour répondre aux divers besoins pédagogiques.

Advanced sensor technology



EN BETO System is equipped with a DALI sensor and can be controlled as a network. A presence sensor controls the light at the workstation if someone is there. A brightness sensor adjusts the light intensity to the ambient brightness. If desks, rooms, or corridors are unoccupied, the light automatically switches off after a defined delay. This saves energy and extends the service life.

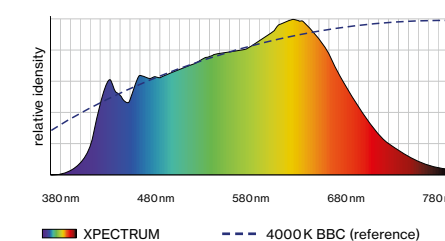
FR Equipé d'un capteur DALI, le système BETO peut être contrôlé en réseau. Un capteur de présence module l'éclairage sur le poste de travail en fonction de la présence d'une personne. En outre, un capteur de luminosité ajuste l'intensité lumineuse en fonction de la luminosité ambiante. Lorsque les bureaux, les pièces ou les couloirs sont vacants, la lumière s'éteint donc automatiquement après un laps de temps défini, permettant d'économiser de l'énergie et d'augmenter la durée de vie de votre équipement.

Full-spectrum LED

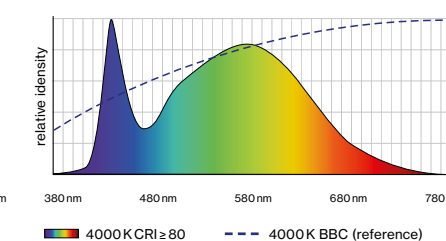
EN XAL's new XPECTRUM LEDs deliver healthy, biologically effective light. The reduced blue light and increased cyan values reduce the blue light hazard for the eye to daylight-equivalent levels. The resulting non-visual, so-called melatonin light effect, improves concentration and increases sleep quality.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

FR La nouvelle LED XPECTRUM de XAL fournit une lumière saine et adaptée au rythme circadien. La réduction de la lumière bleue ainsi que l'augmentation des valeurs cyan réduisent le risque que représente pour l'œil la lumière bleue, retrouvant un niveau similaire à celui de la lumière du jour. Il en résulte un effet d'éclairage non visuel, dit mélanopique, qui favorise la concentration et améliore la qualité du sommeil. L'excellent rendu des couleurs de l'IES TM 30-15 $R_f = 98$ et $R_g = 101$ constitue un autre atout pour le confort visuel.

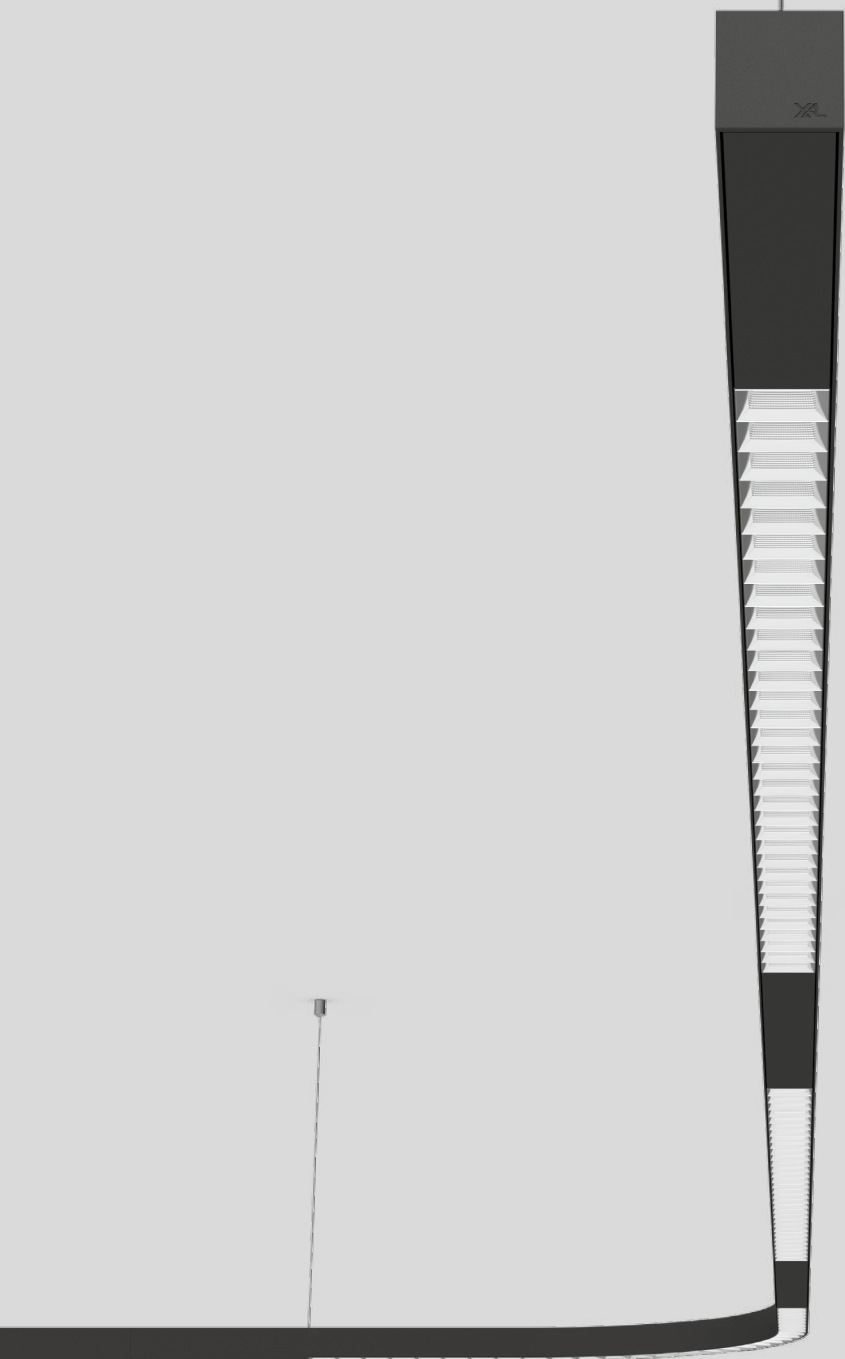
XPECTRUM LED



Commercially available LED 4000 K



← back



BETO system

ceiling / suspended

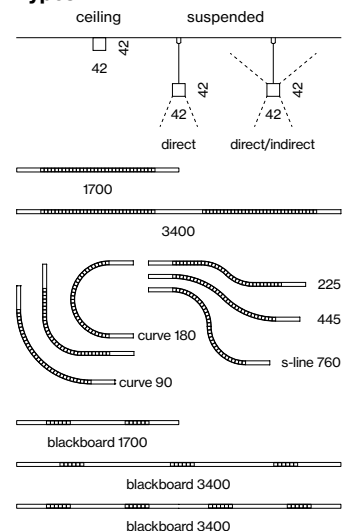
EN Luminaire housing from extruded aluminium profile, angular design (only 42x42mm); no visible screws; for lighting systems; linear, S-shaped or CURVE segment (90° or 180°); powder coated; pendant fitting with cable suspension; height adjustment without tools; with transparent feeder cable; extruded profile for improved thermal management; high-gloss reflector with faceted design; direct or direct/indirect light distribution, or with high-quality aluminum-vaporised micro-faceted reflector for homogeneous vertical lighting intensity; indirect light component with integrated PCboards and high-quality lens system for max., homog. ceiling illumination, separately controllable; energy-eff. LEDs – very good colour rendering

FR Corps de luminaire en profil extrudé en alu, version arête (seulement 42x42mm) ; aucune vis visible ; pour les systèmes d'éclairage ; linéaire, en forme de S ou segment CURVE (90° ou 180°) ; thermolaquée ; suspension par câble ; réglage en hauteur sans outil ; conduit d'alimentation transparent inclus ; profil extrudé pour une meilleure gestion de la température ; réflecteur ultra-brillant avec optique à facettes ; caractéristiques de rayonnement dir. ou dir./indir. ou avec réflecteur à microfacettes à revêtement alum. atténuant pour un éclairage vertical homogène ; proportion de lumière indir. avec platines propres + optique à lentille pour illum. de plafond max. homog., commande séparée ; LED à haut rend. énerg. – excellent rendu coul.

Quickinfo

3000K, 4000K, TW
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 1500 cd/m²
 L 3400 direct up to 136lm/W
 L 3400 D/I up to 140lm/W
 L 3400 blackboard up to 124lm/W
 L90 @ 50 000h
 DALI-2, DALI sensor reflector (UGR ≤ 19)

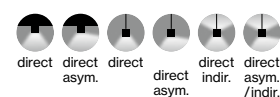
Types



Colours



Light distributions



Data Monitoring

curve elements

single luminaire (p. 470)

DIN EN 12464-1 UGR ≤ 19

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

CONTROL ◆

DALI-2	3
DALI sensor*	7

MATERIAL COLOUR ☑

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

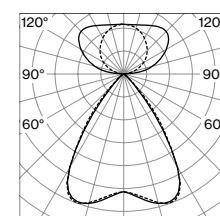
LIGHT OPTIC COVER
 reflector (UGR ≤ 19)

Options on request

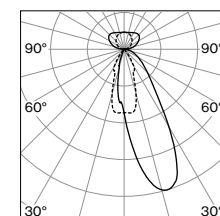
COLOUR RENDERING INDEX
 CRI ≥ 90
 CRI ≥ 98 XPECTRUM

SYSTEM SOLUTION
 continuous reflector
 individual length

Light distributions

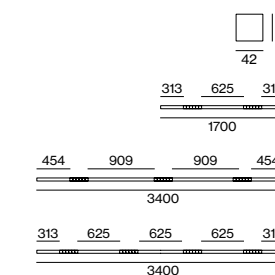
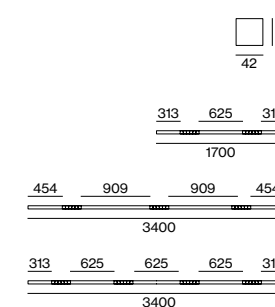
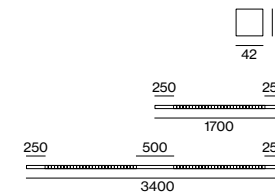
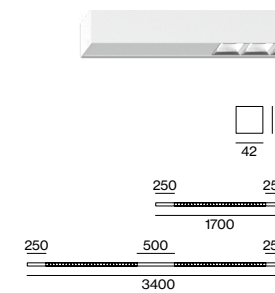


reflector (UGR ≤ 16)
 direct/indirect power

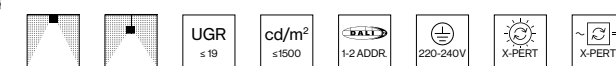


blackboard
 direct/indirect

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

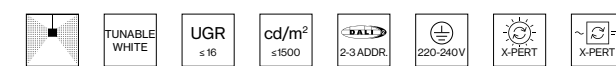


BETO linear ceiling / suspended system



DIRECT

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
26.1W (1×DALI)	3000K	3340lm	1700	074-6006 ☐☐☐ R
52W (2×DALI)	4000K	3540lm		
	3000K	6680lm	3400	074-6009 ☐☐☐ R
	4000K	7080lm		



DIRECT / INDIRECT POWER

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
57W (2×DALI)	3000K	↓ 3350 / ± 3790lm	1700	074-6036 ☐☐☐ R
109W (3×DALI)	4000K	↓ 3540 / ± 4020lm		
109W (3×DALI)	3000K	↓ 6690 / ± 7590lm	3400	074-6039 ☐☐☐ R
109W (3×DALI)	4000K	↓ 7080 / ± 8040lm		
109W (3×DALI)	3000K	↓ 6690lm	3400	074-60D95 ☐☐ R
109W (3×DALI)	2700–6500K	± 6810lm		
109W (3×DALI)	4000K	↓ 7080lm	3400	074-60D96 ☐☐ R
109W (3×DALI)	2700–6500K	± 6810lm		



BLACKBOARD WALLWASHER

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
48W (1×DALI)	3000K	4940lm	1700	074-7706 ☐☐☐ R
72W (2×DALI)	4000K	5100lm		
72W (2×DALI)	3000K	7420lm	3400	074-7719 ☐☐☐ R
90W (2×DALI)	4000K	7630lm		
90W (2×DALI)	3000K	9890lm	3400	074-7729 ☐☐☐ R
	4000K	10180lm		



BLACKBOARD WALLWASHER / INDIRECT

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
79W (2×DALI)	3000K	↓ 4940 / ± 3780lm	1700	074-7736 ☐☐☐ R
127W (3×DALI)	4000K	↓ 5090 / ± 4000lm		
127W (3×DALI)	3000K	↓ 7420 / ± 7680lm	3400	074-7749 ☐☐☐ R
150W (3×DALI)	4000K	↓ 7630 / ± 8130lm		
150W (3×DALI)	3000K	↓ 9890 / ± 7680lm	3400	074-7759 ☐☐☐ R
	4000K	↓ 10180 / ± 8130lm		

Accessories

END CAPS

TYPE	ORDER CODE
end caps (pair)	074-609001 ☐

LINEAR CONNECTOR

TYPE	ORDER CODE
mechanical linear connector ceiling	074-6091110

CEILING FASTENER / CABLE SUSPENSION / POWER FEEDER

TYPE	L (mm)	ORDER CODE
ceiling fastener	67	050-204121 ☐
cable suspension	1500	005-2152110
canopy / feeder cable 5×1.5mm²	1500	005-221241 ☐
through wire 5×1.5mm² (10 pieces)		004-90005

more accessories see page 841

← back

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
DALI-2	

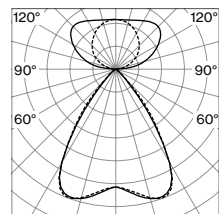
MATERIAL COLOUR	
○ pure white RAL 9010	7
● jet black RAL 9005	8

LIGHT OPTIC COVER	
reflector (UGR ≤ 16)	

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 90	
CRI ≥ 98 XPECTRUM	

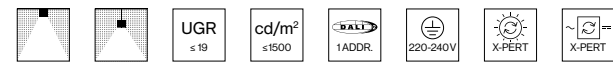
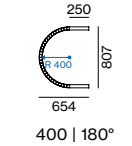
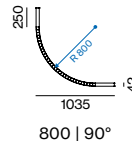
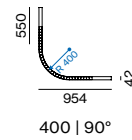
Light distribution



reflector (UGR ≤ 16)
direct / indirect power

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

BETO curve ceiling/suspended system

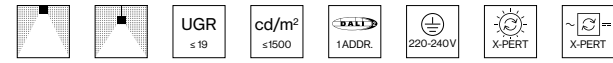
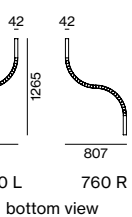
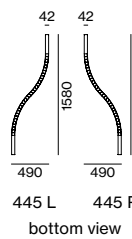
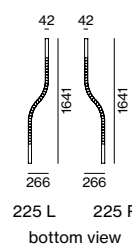


DIRECT				
SYS. POWER	COLOUR TEMP.	LUM. FLUX	R (mm)	ORDER CODE
26.1W	3000K	3470 lm	400 90°	0 7 4 - 7 1 0 1 :: 3 R
	4000K	3680 lm		
26.1W	3000K	3470 lm	800 90°	0 7 4 - 7 1 0 3 :: 3 R
	4000K	3680 lm		
26.1W	3000K	3470 lm	400 180°	0 7 4 - 7 1 0 2 :: 3 R
	4000K	3680 lm		



DIRECT / INDIRECT POWER				
S. POWER	COLOUR TEMP.	LUM. FLUX	R (mm)	ORDER CODE
57W	3000K ↓ 3470 / ↑ 3860 lm		400 90°	0 7 4 - 7 1 3 1 :: 3 R
	4000K ↓ 3680 / ↑ 4080 lm			
57W	3000K ↓ 3470 / ↑ 3860 lm		800 90°	0 7 4 - 7 1 3 3 :: 3 R
	4000K ↓ 3680 / ↑ 4080 lm			
57W	3000K ↓ 3470 / ↑ 3860 lm		400 180°	0 7 4 - 7 1 3 2 :: 3 R
	4000K ↓ 3680 / ↑ 4080 lm			

BETO s-line ceiling/suspended system



DIRECT				
SYS. POWER	COLOUR TEMP.	LUM. FLUX	TYPE	ORDER CODE
26.1W	3000K	3470 lm	225 L	0 7 4 - 7 2 0 1 :: 3 R
	4000K	3680 lm		
26.1W	3000K	3470 lm	225 R	0 7 4 - 7 2 0 2 :: 3 R
	4000K	3680 lm		
26.1W	3000K	3470 lm	445 L	0 7 4 - 7 2 0 5 :: 3 R
	4000K	3680 lm		
26.1W	3000K	3470 lm	445 R	0 7 4 - 7 2 0 6 :: 3 R
	4000K	3680 lm		
26.1W	3000K	3470 lm	760 L	0 7 4 - 7 2 0 3 :: 3 R
	4000K	3680 lm		
26.1W	3000K	3470 lm	760 R	0 7 4 - 7 2 0 4 :: 3 R
	4000K	3680 lm		

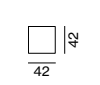


DIRECT / INDIRECT POWER				
S. POWER	COLOUR TEMP.	LUM. FLUX	TYPE	ORDER CODE
57W	3000K ↓ 3470 / ↑ 3860 lm		225 L	0 7 4 - 7 2 3 1 :: 3 R
	4000K ↓ 3680 / ↑ 4080 lm			
57W	3000K ↓ 3470 / ↑ 3860 lm		225 R	0 7 4 - 7 2 3 2 :: 3 R
	4000K ↓ 3680 / ↑ 4080 lm			
57W	3000K ↓ 3470 / ↑ 3860 lm		445 L	0 7 4 - 7 2 3 5 :: 3 R
	4000K ↓ 3680 / ↑ 4080 lm			
57W	3000K ↓ 3470 / ↑ 3860 lm		445 R	0 7 4 - 7 2 3 6 :: 3 R
	4000K ↓ 3680 / ↑ 4080 lm			
57W	3000K ↓ 3470 / ↑ 3860 lm		760 L	0 7 4 - 7 2 3 3 :: 3 R
	4000K ↓ 3680 / ↑ 4080 lm			
57W	3000K ↓ 3470 / ↑ 3860 lm		760 R	0 7 4 - 7 2 3 4 :: 3 R
	4000K ↓ 3680 / ↑ 4080 lm			

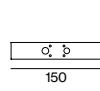
Order options

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

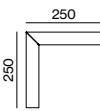
Accessories



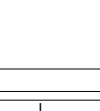
END CAPS		ORDER CODE
TYPE	end caps (pair)	0 7 4 - 6 0 9 0 0 1 R



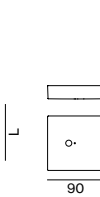
LINEAR CONNECTOR		ORDER CODE
TYPE	mechanical linear connector suspended	0 7 4 - 6 0 9 1 1 2 0
	incl. 1500mm cable suspension	



CORNER CONNECTOR 90°		ORDER CODE
TYPE	corner connector 90°	0 7 4 - 6 0 9 1 2 1 R
	incl. through wire 5 × 1.5 mm ² ; order two mechanical linear connectors separately	

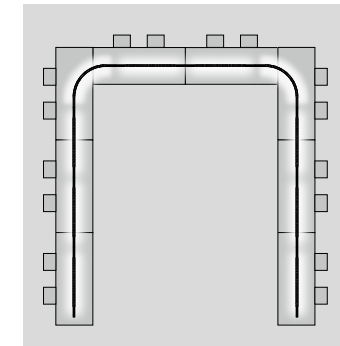


BLIND COVER		ORDER CODE
TYPE	blind cover 250mm	0 7 4 - 6 0 9 9 1 0 R
	blind cover 500mm	0 7 4 - 6 0 9 9 1 1 R
	order 1 × blind cover 500mm for each linear connector and 1 × 250mm for each end	

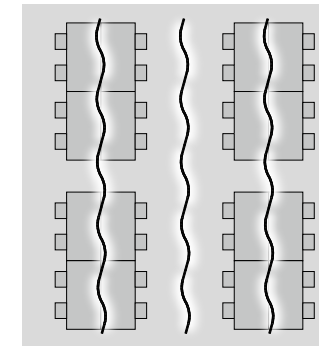


CABLE SUSPENSION / CANOPY / THROUGH WIRE		
TYPE	L (mm)	ORDER CODE
cable suspension	1500	0 0 5 - 2 1 5 2 1 1 0
canopy / feeder cable 5 × 1.5 mm ²	1500	0 0 5 - 2 2 1 2 4 1 R
through wire 5 × 1.5 mm ² (10 pieces)		0 0 4 - 9 0 0 0 5
		for electrical system configuration see luminaire data sheet at xal.com

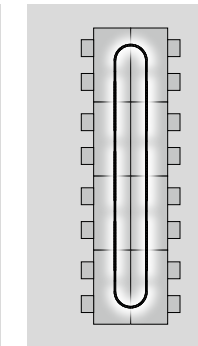
Arrangement examples (top view)



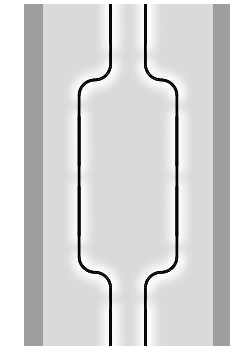
BETO CURVE 90
conference/seminar



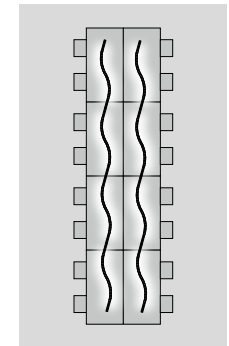
BETO S-LINE 445
office



BETO CURVE 180
conference/seminar

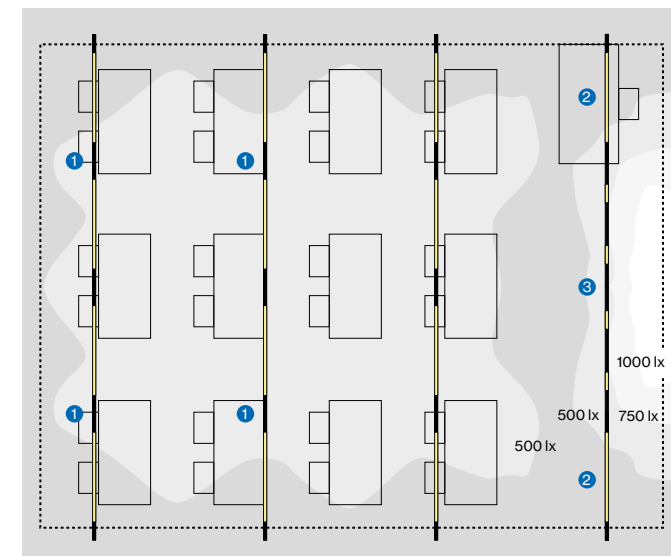


BETO S-LINE 760
corridor



BETO S-LINE 445
conference/seminar

Technical data (top view)



- 1 BETO 3400 ceiling system, 52 W, 4000K
- 2 BETO 1700 ceiling system, 26.1W, 4000K
- 3 BETO 3400 blackboard ceiling system, 90W, 4000K

ROOM VALUES		CALCULATION SURFACE	
Room dimensions	9.5 × 7.5 × 3 m	Surface dimensions	8.5 × 6.5
Reflection factor	0.7 0.5 0.2	Surface height	0.75
Maintenance factor	0.8	Average illuminance (E _v)	> 500 lx
Mounting height	3 m	Uniformity (U ₀)	> 0.6

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

Office
Visualisation





Creative Lab Barcelona, ES –
lighting design by MMAS Lighting
tables designed by James Burleigh



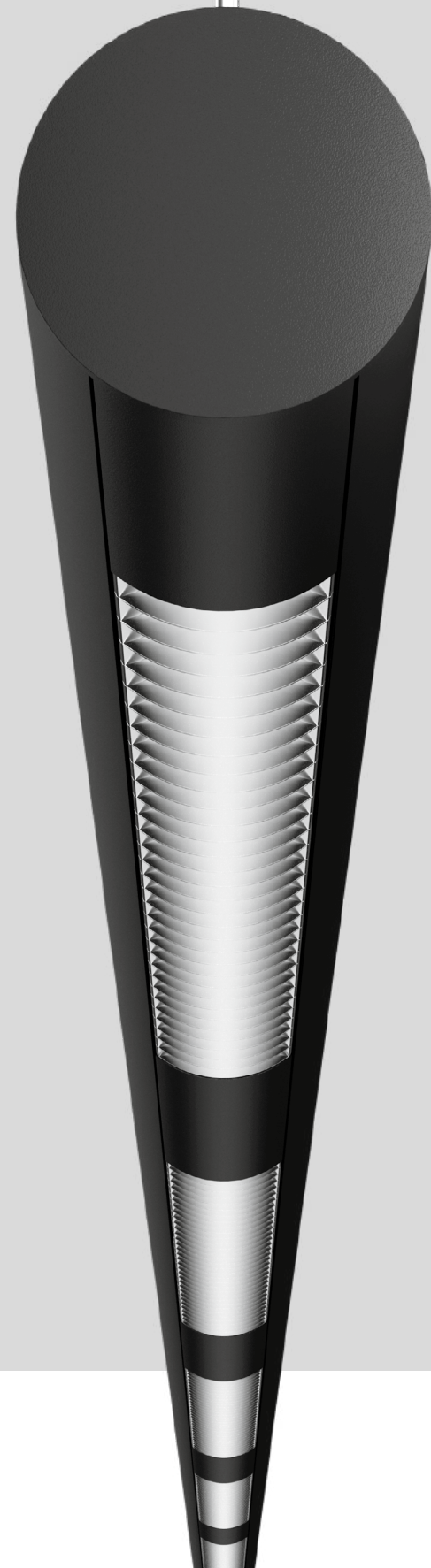
F+P Architekten ZT GmbH
Vienna, AT – by F+P Architekten ZT
GmbH with lighting design by Ing.
Gerald Pummer, Illuminazione



Office Inarto Architecten
Herentals, BE – by Inarto Architecten



The art of round efficiency



SETA system

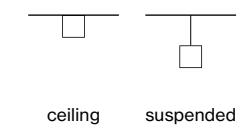
EN The SETA system luminaire is perfect for bespoke office needs with a choice of straight or angular elements that can be arranged in any order. The minimalist yet powerful luminaire is available in ceiling-mounted or suspended system versions. Particularly noteworthy are the reflectors optimised for office spaces, which were designed specifically for working on screens. The indirect light component creates a pleasant, homogeneous ceiling illumination for every work area. The SETA System luminaire is also available on request with presence and brightness sensors, and in the light colours 3000 K, 4000 K, and, depending on the version, also in Tunable White.

FR Avec leurs raccords droits ou carrés alignables à l'envi, les luminaires système SETA sont idéals pour les besoins de personnalisation en bureautique. Ce luminaire épuré et néanmoins puissant est proposé en version système suspendue mais aussi en surface pour plafond. À noter en particulier la présence de réflecteurs optimisés pour les bureaux, conçus tout spécialement pour le travail sur écran. La partie de lumière indirecte éclaire le plafond de chaque espace de travail de manière homogène et agréable. Le luminaire système SETA est aussi disponible sur demande avec capteurs de présence et de luminosité, dans les températures de couleur 3000 K, 4000 K et, selon la variante, en Tunable White.

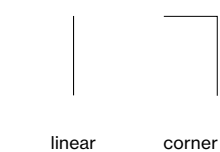
Types



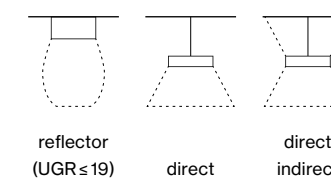
Mountings



Configurations



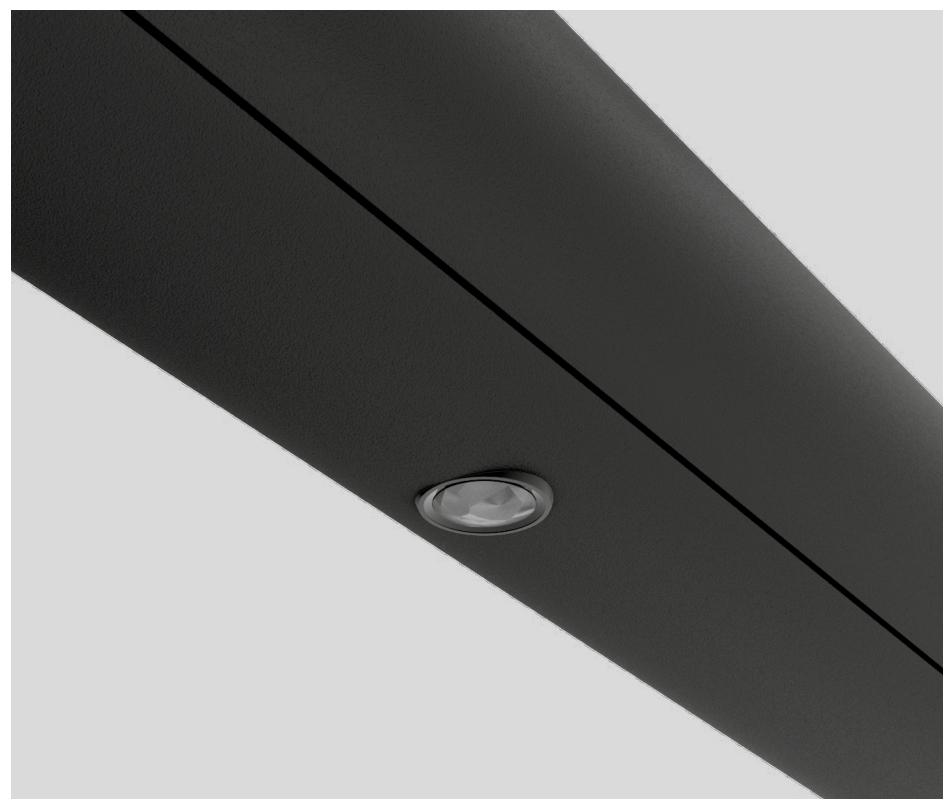
Light distributions



Work-friendly light

EN As an office luminaire, SETA guarantees illumination that is compliant with workplace standards (up to $UGR \leq 16$). 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 towards the ceiling.

FR En tant que luminaire de bureaux, SETA garantit un éclairage conforme aux normes des postes de travail (jusqu'à $UGR \leq 16$). Des réflecteurs spécialement conçus pour réduire l'éblouissement et l'utilisation ciblée de protections dirigent la lumière avec précision sur le plan de travail et réduisent les reflets. Dans la formule directe/indirecte, un jeu spécial de lentilles répartit de manière homogène la très large composante de lumière indirecte dans la pièce.



Advanced sensor technology

EN SETA System is equipped with a DALI sensor and can be controlled as a network. A presence sensor controls the light at the workstation depending on whether anyone is in the vicinity. If desks, rooms, or corridors are unoccupied, the light automatically switches off after a defined delay. This saves energy and extends the service life. A brightness sensor adjusts the light intensity to the ambient brightness.

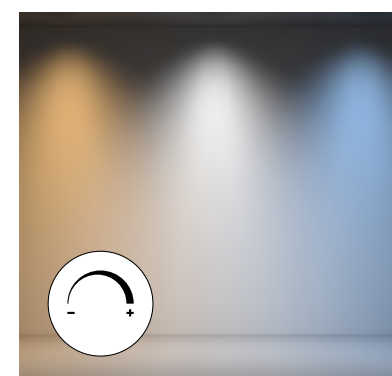
FR Equipé d'un capteur DALI, le système SETA peut être contrôlé en réseau. Un capteur de présence module l'éclairage sur le poste de travail en fonction de la présence d'une personne. En outre, un capteur de luminosité ajuste l'intensité lumineuse en fonction de la luminosité ambiante. Lorsque les bureaux, les pièces ou les couloirs sont vacants, la lumière s'éteint donc automatiquement après un laps de temps défini, permettant d'économiser de l'énergie et d'augmenter la durée de vie de votre équipement.



Lines & edges

EN SETA System comes as a suspended luminaire with straight and angular system elements. Thus, SETA offers a lighting solution that fits into any lighting design concept. Optionally with an indirect light component, the light is distributed homogeneously across the ceiling and creates a pleasant room atmosphere.

FR Luminaire suspendu aux éléments rectilignes et carrés, SETA System est une solution d'éclairage qui s'intègre à merveille à tout concept d'éclairage. Proposé en option avec une partie de lumière indirecte, il répartit la lumière de manière homogène au plafond, diffusant une ambiance des plus plaisantes dans la pièce.



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.

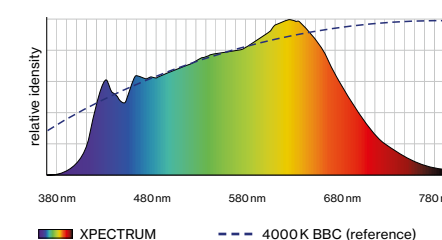
FR Les variations de la température de couleur ont un puissant effet sur notre humeur. Tunable White permet le passage en continu de la température de couleur de 2700 K (lumière chaude) à 6500 K (lumière froide), afin d'adapter l'éclairage de manière dynamique à l'heure ou à la luminosité ambiante.

Full-spectrum LED

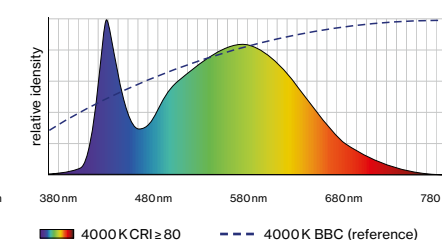
EN XAL's new XPECTRUM LEDs deliver healthy, biologically effective light. The reduced blue light component and increased cyan values reduce the blue light hazard for the eye to daylight-equivalent levels. The resulting non-visual, so-called melanopic light effect, improves concentration and increases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

FR La nouvelle LED XPECTRUM de XAL fournit une lumière saine et adaptée au rythme circadien. La réduction de la lumière bleue ainsi que l'augmentation des valeurs cyan réduisent le risque que représente pour l'œil la lumière bleue, retrouvant un niveau similaire à celui de la lumière du jour. Il en résulte un effet d'éclairage non visuel, dit mélanopique, qui favorise la concentration et améliore la qualité du sommeil. L'excellent rendu des couleurs de l'IES TM 30-15 $R_f = 98$ et $R_g = 101$ constitue un autre atout pour le confort visuel.

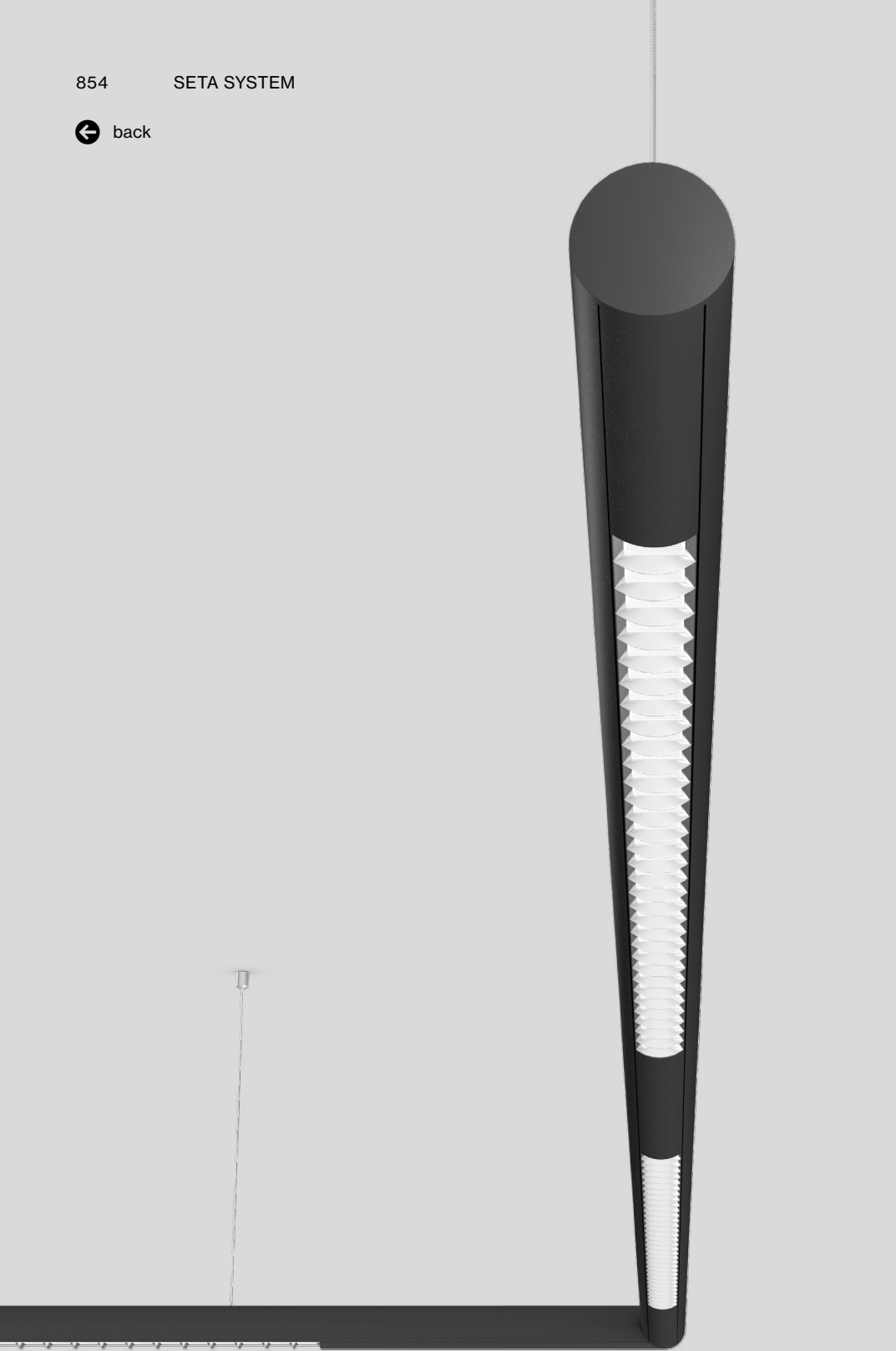
XPECTRUM LED



Commercially available LED 4000 K



← back



SETA system

ceiling / suspended

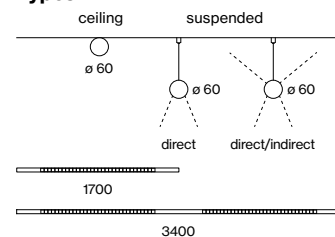
EN Luminaire housing from extruded aluminium profile, round design (only $\varnothing 61\text{mm}$); no visible screws; for lighting systems; linear; powder coated; pendant fitting with cable suspension; height adjustment without tools; with transparent feeder cable; extruded profile for improved thermal 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 max., homog. ceiling illumination, separately controllable; energy-eff. LEDs – very good colour rendering

FR Corps de luminaire en profil extrudé en alu, version rond (seulement $\varnothing 61\text{mm}$); aucune vis visible; pour les systèmes d'éclairage; linéaire; thermolaquée; suspension par câble; réglage en hauteur sans outil; conduit d'alimentation transparent inclus; profil extrudé pour une meilleure gestion de la température; réflecteur ultra-brillant avec optique à facettes; caractéristique de rayonnement direct ou direct/indirect; proportion de lumière indir. avec platines propres + optique à lentille pour illum. de plafond max. homog., commande séparée; LED à haut rend. éner. – excellent rendu coul.

Quickinfo

3000K, 4000K, TW
 CRI ≥ 80 , 3 SDCM
 UGR ≤ 19 / $65^\circ \leq 1500\text{cd/m}^2$
 L 3400 direct up to 136lm/W
 L 3400 D/I up to 140lm/W
 L90 @ 50 000h
 DALI-2, DALI sensor
 reflector (UGR ≤ 19)

Types



Colours



Light distributions



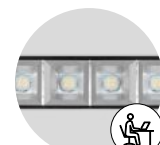
DiiA® standards
251, 252, 253



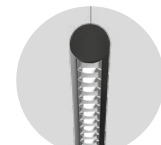
special end cap design



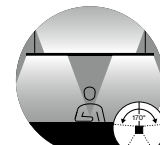
corner connector



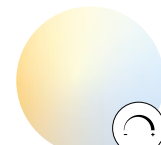
DIN EN 12464-1
UGR ≤ 19



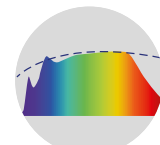
single luminaire
(p.486)



glare-free direct
and 170° indirect
illumination



tunable white
2700–6500 K



CRI ≥ 98
XPECTRUM

Order options

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

CONTROL	
DALI-2	3
DALI sensor*	7
*brightness & presence only 3400 mm	

MATERIAL COLOUR	
white	7
black	8

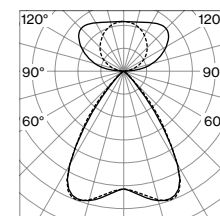
LIGHT OPTIC COVER	
reflector (UGR ≤ 19)	

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 90	
CRI ≥ 98 XPECTRUM	

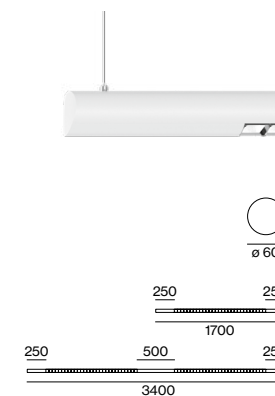
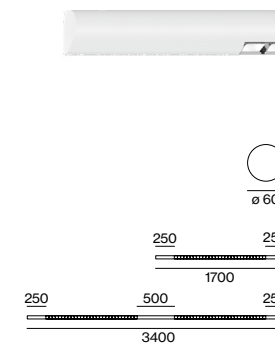
MATERIAL COLOUR	
grey	

Light distribution

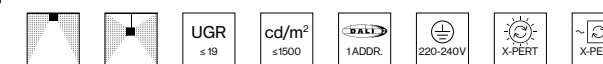


reflector (UGR ≤ 19)
direct/indirect power

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

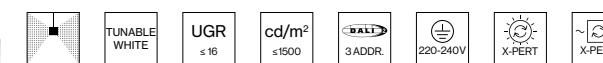


SETA ceiling/suspended system



LINEAR DIRECT				
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
26.1W (1×DALI)	3000K 4000K	3340lm 3540lm	1700	074-5006
52W (2×DALI)	3000K 4000K	6680lm 7080lm	3400	074-5009

SETA suspended system



LINEAR DIRECT / INDIRECT POWER				
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
57W (2×DALI)	3000K 4000K	↓ 3350 / ↑ 3790lm ↓ 3540 / ↑ 4020lm	1700	074-5036
109W (3×DALI)	3000K 4000K	↓ 6690 / ↑ 7590lm ↓ 7080 / ↑ 8040lm	3400	074-5039
109W (3×DALI)	3000K 2700–6500K	↓ 6690lm ↑ 6810lm	3400	074-50D95
109W (3×DALI)	4000K 2700–6500K	↓ 7080lm ↑ 6810lm	3400	074-50D96

Accessories

END CAPS		ORDER CODE
TYPE	end caps (pair)	074-509001

LINEAR CONNECTOR / CORNER CONNECTOR 90°		ORDER CODE
TYPE	mechanical linear connector ceiling	074-5091110
	mechanical linear connector suspended*	074-6091120
	corner connector 90°**	074-5091210

* incl. 1500 mm cable suspension; ** incl. through wire 5×1.5 mm²;
order two mechanical linear connectors separately

BLIND COVER		ORDER CODE
TYPE	blind cover 250 mm	074-509910
	blind cover 500 mm	074-509911

order 1× blind cover 500 mm for each linear connector and 1×250 mm for each end

CEILING FASTENER		ORDER CODE
TYPE	ceiling fastener	050-204121

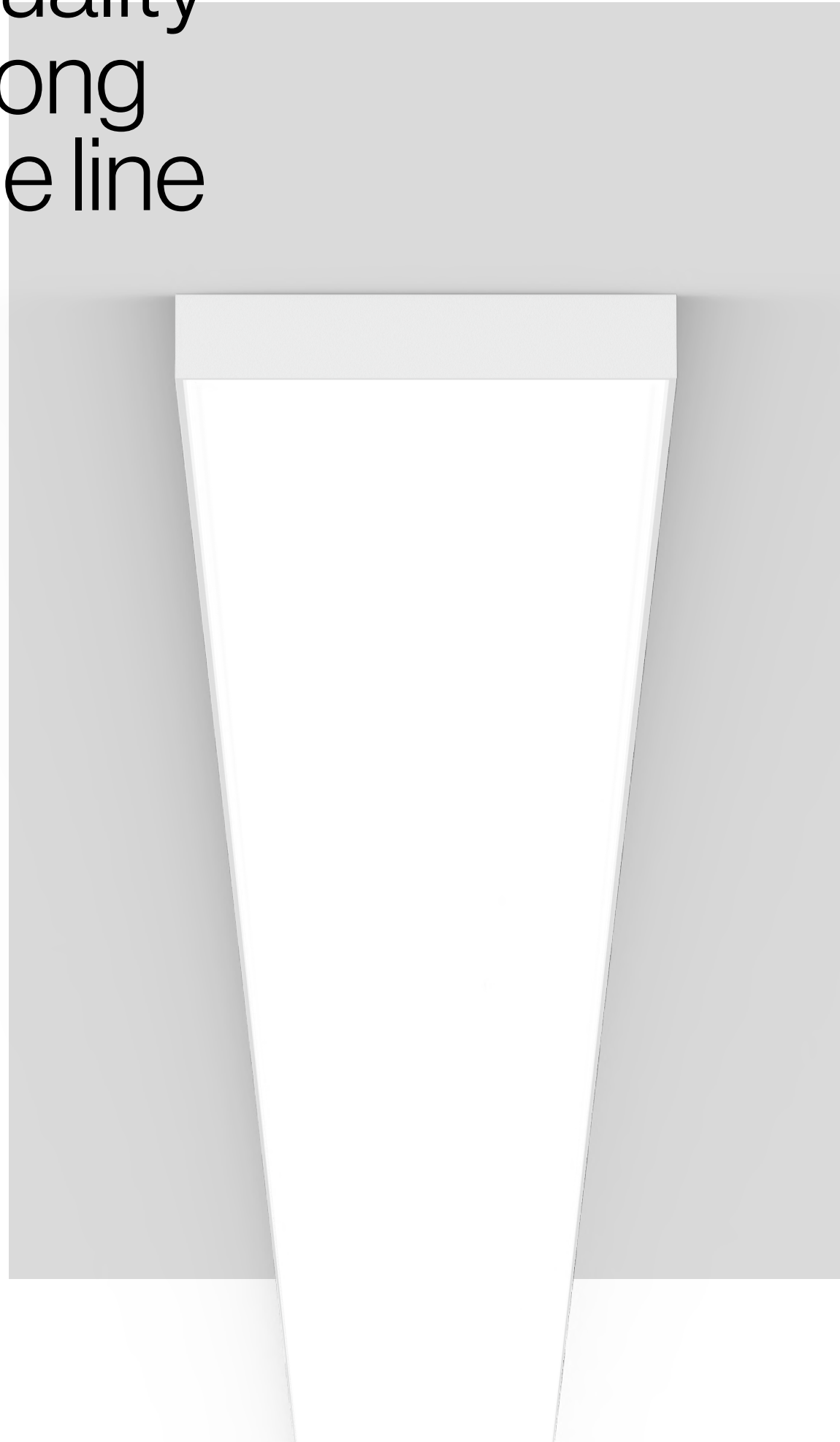
CABLE SUSPENSION / CANOPY / THROUGH WIRE		ORDER CODE
TYPE	cable suspension	005-2152110
	canopy / feeder cable 5×1.5 mm ²	005-221241
	through wire 5×1.5 mm ² (10 pieces)	004-90005

for electrical system configuration see luminaire data sheet at xal.com

Office
Visualisation




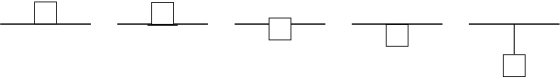

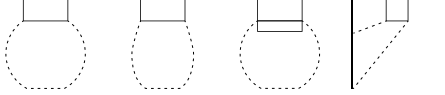
Quality along the line



LENO system

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.

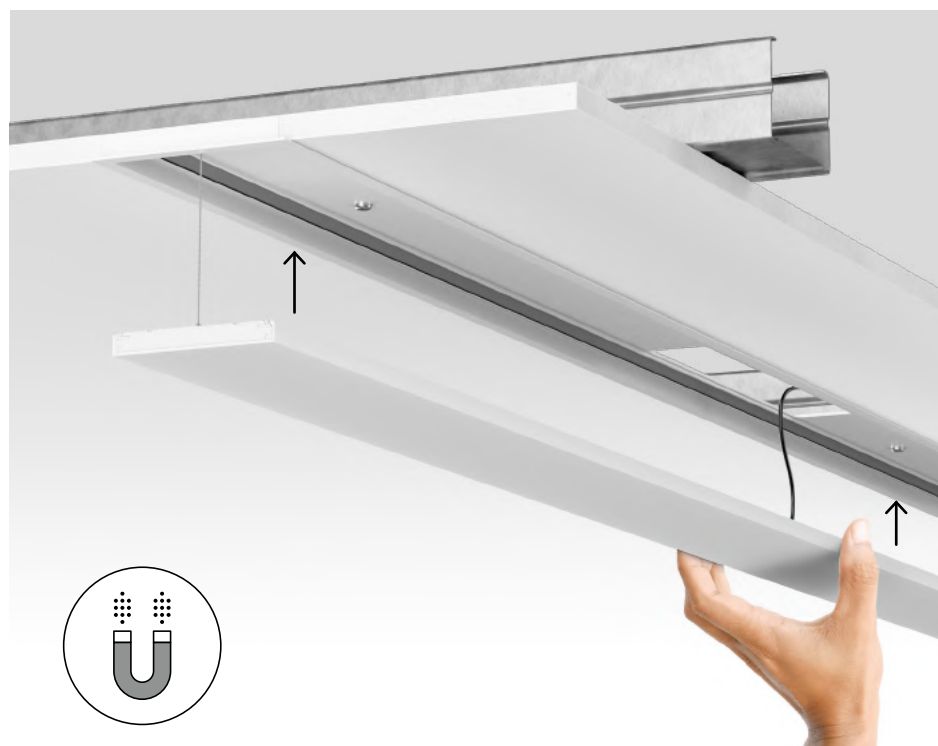
FR LENO est un luminaire profilé extrêmement plat qui se démarque par son côté polyvalent. Ce luminaire système est disponible en version encastrée, semi-encastrée ou apparente à monter sur mur ou plafond, sans oublier la variante suspendue. Doté d'un diffuseur microprismatique, LENO crée un éclairage de travail idéal. La variante avec diffuseur opale contribue à l'homogénéité de l'éclairage de la pièce. Dans sa version asymétrique, les murs sont éclairés de manière homogène, tandis que LENO Jut-Out génère un éclairage supplémentaire au plafond par un discret rayonnement latéral. La fixation magnétique des inserts se traduit par un montage d'une remarquable rapidité et flexibilité.

Type	
	90
Mountings	
	trimless recessed trim recessed semi-recessed surface suspended
Configuration	
	linear
Light distributions	
	opal microprismatic (UGR ≤ 19) jut-out wallwasher

Magnetic attachment

EN Simple and utterly tool-free installation: LENO luminaire insets are magnetically fixed in the profile. The patented system saves time and money when installing the luminaire.

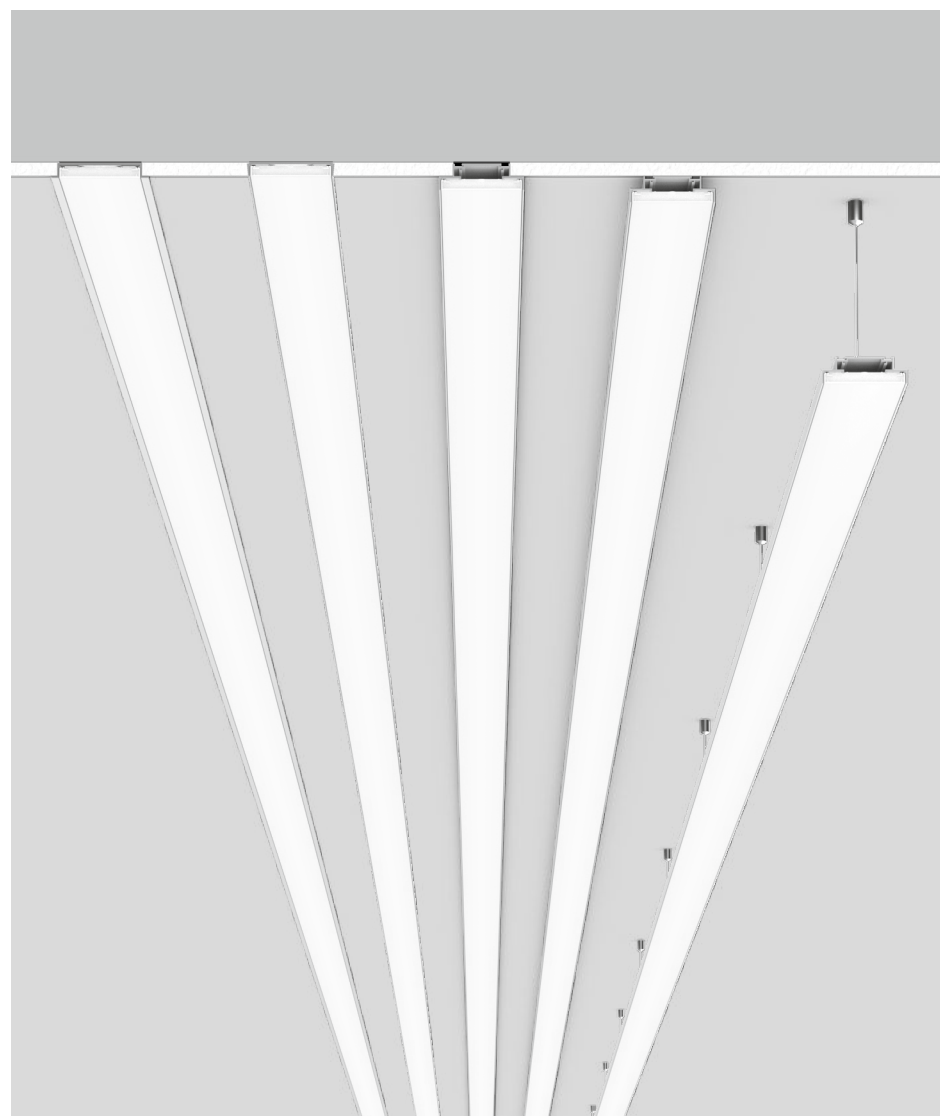
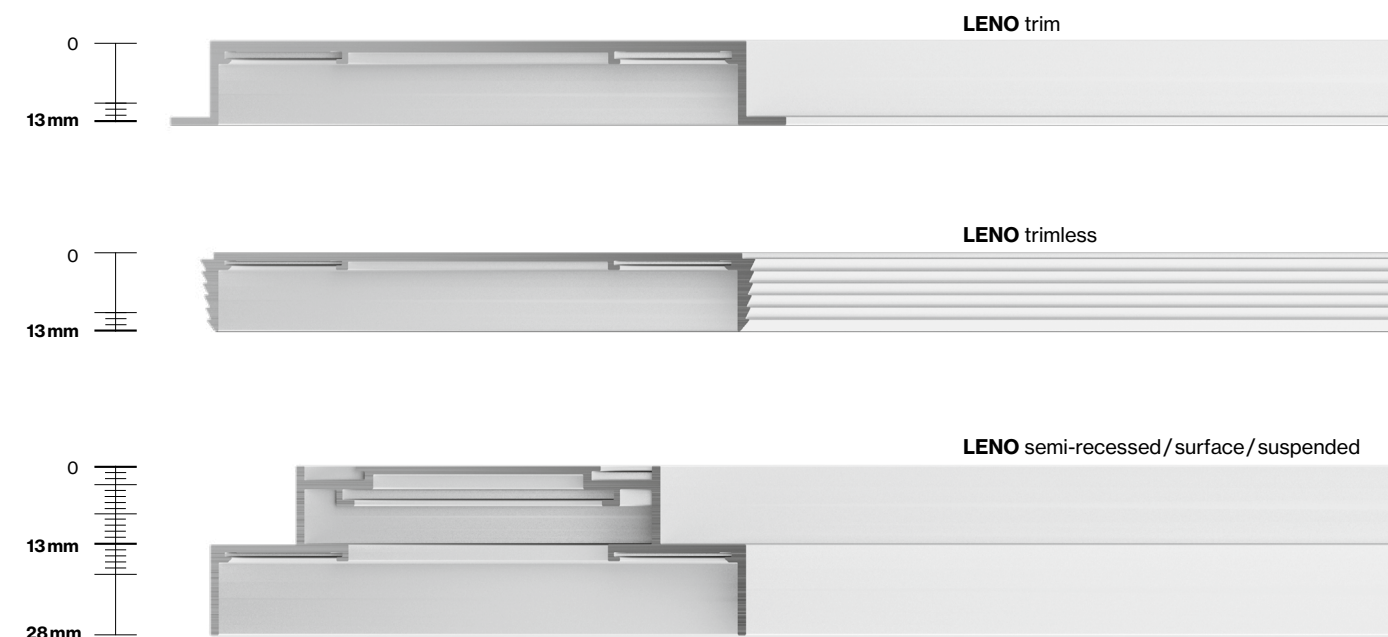
FR Un montage facile et totalement sans outil : les éléments d'éclairage LENO sont fixés magnétiquement dans le profilé. Grâce à ce système breveté, nos clients économisent de surcroît du temps et de l'argent lors de l'installation du luminaire.



Slim and efficient

EN Innovative lighting technology, minimal profile heights. The extremely flat flush-mounted variants, both with and without a trim, match the height of plasterboard. They are therefore easily mounted on any ceiling, regardless of its substructure. This grants maximum design freedom with a slim appearance and impressive efficiency.

FR Une technologie d'éclairage innovante, des hauteurs de profilé minimales. Les variantes de montage extrêmement plates avec ou sans bord ont tout juste la hauteur d'une plaque de plâtre. Grâce à cela, elles peuvent être montées sans problème sur tout plafond, quelle que soit leur structure de support. La plus grande liberté de création avec une présentation élancée et une efficacité impressionnante.



Variety

EN Available for installation in plasterboard ceilings, suspended, or as a surface-mounted variant, this exceptionally flat profile luminaire has precise, homogeneously illuminated edges and can be used in a variety of ways. Choose between the high-performance Opal Cover inset for homogeneous illumination, the workplace-compatible micro-prismatic cover ($UGR \leq 19$) or the opal Jut-Out version for improved room and ceiling illumination. Different lengths and optional asymmetrical light distribution complete the range.

FR Que ce soit pour l'installation dans des plafonds en placo-plâtre, en version suspendue ou montée, ce luminaire profilé extrêmement plat avec des bords éclairés de manière précise et homogène est très polyvalent. Pour les inserts, il est possible d'opter pour le High Performance Opal Cover pour un éclairage homogène, pour un diffuseur micropismatique de qualité appropriée pour un poste de travail ($UGR \leq 19$) ou pour la variante opale Jut-Out qui offre un meilleur éclaircissement de la pièce et du plafond. Différentes longueurs et une distribution de lumière asymétrique en option complètent cette diversité.



Single or system

EN LENO is flexible and available in four lengths, and as a system luminaire in any length. Depending on requirements, the elements are simply mechanically connected – tailored to match the design of the interior. LENO can create a particularly powerful, continuous lighting system, granting maximum freedom of design.

FR LENO est disponible en quatre longueurs ainsi qu'en tant que système d'éclairage de n'importe quelle longueur. Selon les besoins, les éléments sont simplement reliés mécaniquement - individuellement harmonisés avec le design de l'espace intérieur. Avec LENO, il est également possible de créer un système d'éclairage continu particulièrement efficace, ce qui offre une liberté de conception maximale.

← back



LENO system

recessed with trim

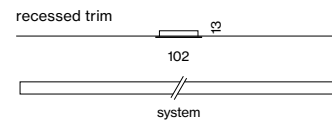
EN Low profile recessed channel; suitable for installation in 12.5mm ceilings, with trim; suitable for wall or ceiling mounting; for continuous lighting systems; surface powder coated; easy mounting without need to cut the substructure; fall-safe light inset made of extruded aluminium profile, can be 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 with asymmetric light distribution; energy-eff. LEDs – very good colour rendering; incl. external converter for ceiling insertion

FR Canal à encastrer extrêmement plat ; convient pour un encastrement en plafonds de 12,5mm, avec bord continu ; convient au montage au plafond ou mural ; pour systèmes d'éclairage continus ; surface thermolaquée ; montage simple sans découpage de la sous-structure ; élément d'éclairage antichute en profil d'aluminium extrudé pour montage en canal sans outil au moyen de fixations magnétiques ; lumière couplée latéralement guidée vers le bas par LGP Body (Light Guiding Prism) et réflecteur haut. efficace ; cache éclairé de façon homogène, satiné (affleurant ou en saillie) ou microprismatique en PMMA ; en option avec distribution asymétrique de la lumière ; LED à haut rend. énerg. – excellent rendu coul. ; y compris convertisseur externe pour fente plafond

Quickinfo

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

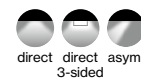
Types



Colour



Light distributions



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	A

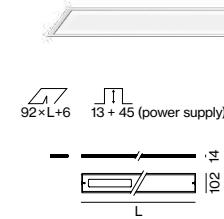
Options on request

COLOUR RENDERING INDEX

CRI ≥ 90

EMERGENCY LIGHT

1h accupack
 3h accupack



LENO trim

INSTALLATION CHANNEL

TYPE	L (mm)	ORDER CODE
channel	613	051-8910067
channel	1221	051-8910127
channel	1830	051-8910187
channel	2438	051-8910247

order installation channel, light inset + mounting accessories separately

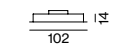


LIGHT INSET

SYS. POWER (OPAL, MP, JUT-OUT / ASYM.)	L (mm)	ORDER CODE
10.8W/15.6W	612	051-8012370
19.1W/31W	1220	051-8014370
28.6W/47W	1828	051-8016370
38W/62W	2436	051-8018370

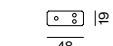
COVER	COLOUR TEMP.	SYSTEM POWER	DELIVERED LUMENS	EFFICACY
opal high	3000K	17.6 W/m	2010 lm/m	129 lm/W
performance	4000K		2130 lm/m	137 lm/W
microprismatic	3000K	17.6 W/m	1900 lm/m	122 lm/W
UGR ≤ 19	4000K		2010 lm/m	129 lm/W
jut-out	3000K	17.6 W/m	1930 lm/m	124 lm/W
	4000K		2040 lm/m	131 lm/W
asymmetric	3000K	25.5 W/m	2580 lm/m	101 lm/W
	4000K		2730 lm/m	107 lm/W

Accessories



END CAPS

TYPE	ORDER CODE
end caps (pair)	051-8991217



LINEAR CONNECTOR

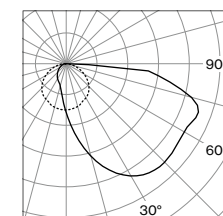
TYPE	ORDER CODE
linear connector (pair)	051-8990110
linear connector (10 pairs)	051-8990110.10



DISMOUNTING TOOL

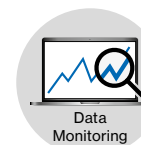
TYPE	ORDER CODE
vacuum cup	086-30000

Light distribution



asymmetric

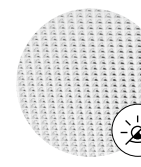
LUMINOUS FLUX value calculated for colour white, cover opal microprismatic -5%, jut-out-4%



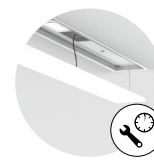
DiiA® standards
 251, 252, 253



single luminaire
 (p. 492)

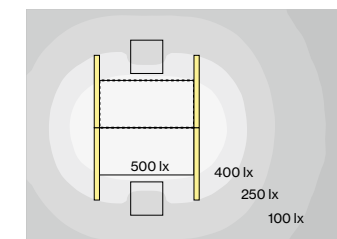


microprismatic
 UGR ≤ 19



quick
 installation

Technical data

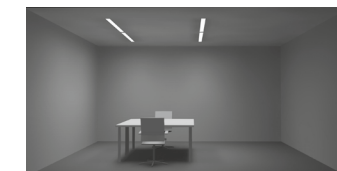


LENO trim, microprismatic,
 19.1W, 4000K

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 _{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





Vaucluse House Sydney, AU –
by EST Lighting



← back



LENO system

recessed trimless

EN Low profile recessed channel; for trimless installation in 12.5 mm plasterboard ceilings; wall or ceiling mounting; for lighting systems; powder coated; special edge design with grooves for better adhesion of filler; 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

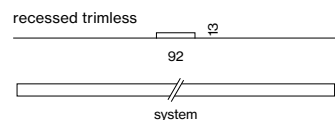
FR Canal à encastrer extrêmement plat ; montage sans bord dans plaf. en placopl. de 12,5 mm ; montage mur ou plafond ; pour les systèmes d'éclairage ; thermolaquée ; formation de bords spéciaux avec cannelures pour meilleure adhérence du l'enduit ; montage simple sans découpage de la sous-construction ; élément d'éclairage antichute en profil d'aluminium extrudé pour montage en canal sans outil au moyen de fixations magnétiques ; lumière couplée latéralement guidée vers le bas par LGP Body (Light Guiding Prism) et réflecteur haut. efficace ; cache éclairé de façon homogène, satiné (affleurant ou en saillie) ou microprismatique en PMMA ; en option diffusion asym. de la lumière ; LED à haut rend. éner. – excellent rendu coul. ; convertisseur externe pour fente plafond



Quickinfo

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

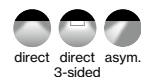
Types



Colour



Light distributions



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	A

Options on request

COLOUR RENDERING INDEX

CRI ≥ 90

EMERGENCY LIGHT

1h accupack
 3h accupack

LENO trimless

INSTALLATION CHANNEL

TYPE	L (mm)	ORDER CODE
channel	613	051-8900067
channel	1221	051-8900127
channel	1830	051-8900187
channel	2438	051-8900247

order installation channel, light inset + mounting accessories separately



LIGHT INSET

SYS. POWER (OPAL, MP, JUT-OUT / ASYM.)	L (mm)	ORDER CODE
10.8W/15.6W	612	051-8012370
19.1W/31W	1220	051-8014370
28.6W/47W	1828	051-8016370
38W/62W	2436	051-8018370

COVER	COLOUR TEMP.	SYSTEM POWER	DELIVERED LUMENS	EFFICACY
opal high	3000K	17.6 W/m	2010 lm/m	129 lm/W
performance	4000K		2130 lm/m	137 lm/W
microprismatic	3000K	17.6 W/m	1900 lm/m	122 lm/W
UGR ≤ 19	4000K		2010 lm/m	129 lm/W
jut-out	3000K	17.6 W/m	1930 lm/m	124 lm/W
	4000K		2040 lm/m	131 lm/W
asymmetric	3000K	25.5 W/m	2580 lm/m	101 lm/W
	4000K		2730 lm/m	107 lm/W

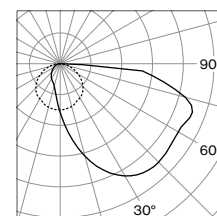
Accessories

END CAPS	ORDER CODE
TYPE	
end caps (pair)	051-8990217

LINEAR CONNECTOR	ORDER CODE
TYPE	
linear connector (pair)	051-8990110
linear connector (10 pairs)	051-8990110.10

DISMOUNTING TOOL	ORDER CODE
TYPE	
vacuum cup	086-30000

Light distribution



asymmetric

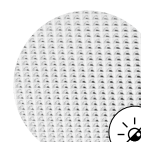
LUMINOUS FLUX value calculated for colour white, cover opal microprismatic -5%, jut-out-4%



DiiA® standards 251, 252, 253



single luminaire (p. 492)

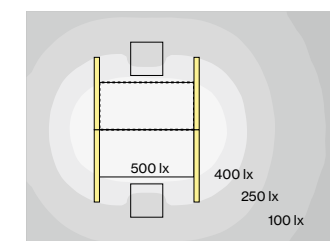


microprismatic UGR ≤ 19



quick installation

Technical data

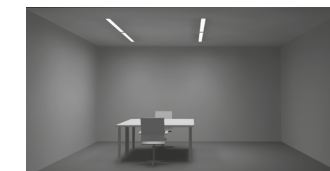


LENO trimless, microprismatic, 19.1W, 4000K

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 _{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



**Office Gemüsekiye**

Kramsach, AT –

by STUDIODESIGN, Herbert Lanzinger KG



← back



LENO system

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; designed for continuous lighting systems; 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

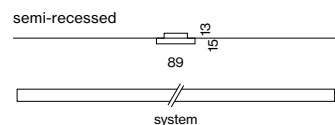
FR Luminaire à encastrer extrêmement plat avec 15 mm de hauteur visible ; convient au montage au plafond ou mural ; convient au montage dans du béton enduit ou béton apparent, constructions en placoplâtre et dans les murs ou plafonds enduits ; conçu pour système d'éclairage continu ; surface thermolaquée ; élément d'éclairage antichute en profil d'aluminium extrudé pour montage en canal sans outil au moyen de fixations magnétiques ; lumière couplée latéralement guidée vers le bas par LGP Body (Light Guiding Prism) et réflecteur haut-efficace ; cache éclairé de façon homogène, satiné (affleurant ou en saillie) ou microprismatique en PMMA ; LED économes en énergie à restitution de couleur élevée



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

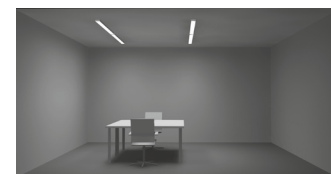
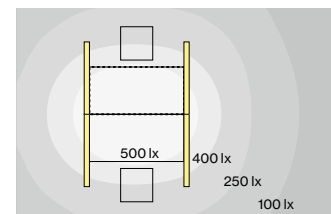
opal high performance	H
microprismatic (UGR ≤ 19)	G
jut-out	J

Options on request

COLOUR RENDERING INDEX

CRI ≥ 90

Technical data



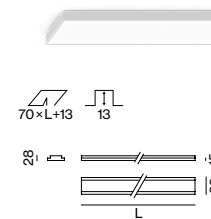
LENO semi-recessed,
 microprismatic, 19.1W, 4000K

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

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



LENO semi-recessed

INSTALLATION CHANNEL

TYPE	L (mm)	ORDER CODE
channel	613	05 1-892006
channel	1221	05 1-892012
channel	1830	05 1-892018
channel	2438	05 1-892024

order installation channel, light inset + mounting accessories separately



LIGHT INSET

SYSTEM POWER	L (mm)	ORDER CODE
10.8W	612*	05 1-811237
19.1W	1220	05 1-821437
28.6W	1828	05 1-821637
38W	2436	05 1-821837

*only available as end unit

COVER	COLOUR TEMP.	SYSTEM POWER	DELIVERED LUMENS	EFFICACY
opal high performance	3000K	17.6 W/m	2010 lm/m	129 lm/W
microprismatic UGR ≤ 19	4000K	17.6 W/m	2130 lm/m	137 lm/W
jut-out	3000K	17.6 W/m	1900 lm/m	122 lm/W
	4000K	17.6 W/m	2010 lm/m	129 lm/W
	4000K	17.6 W/m	1930 lm/m	124 lm/W
	4000K	17.6 W/m	2040 lm/m	131 lm/W

Accessories

END CAPS

TYPE	ORDER CODE
end caps mounting housing (pair)	05 1-8996210
end caps semi-recessed	05 1-899221

LINEAR CONNECTOR

TYPE	ORDER CODE
linear connector (pair)	05 1-8992110
linear connector (10 pairs)	05 1-8992110.10

POWER FEEDER CONNECTOR 220-240V | 13A

TYPE	ORDER CODE
power feeder connector	05 1-8992330

CONCRETE MOUNTING HOUSING

L (mm)	UNIT	ORDER CODE
616	end	05 1-8960060
1224	start/end	05 1-8960120
1221	middle	05 1-8961120
1833	start/end	05 1-8960180
1830	middle	05 1-8961180
2441	start/end	05 1-8960240
2438	middle	05 1-8961240

DISMOUNTING TOOL

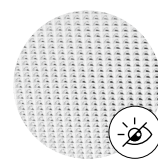
TYPE	ORDER CODE
vacuum cup	086-30000



DiiA® standards
 251, 252, 253



single luminaire
 (p. 496)



microprismatic
 UGR ≤ 19



quick
 installation



Jungheinrich Hauptverwaltung
Hamburg, DE –
by reichardt+partner architekten



← back



LENO system

surface

EN Low profile surface mounted luminaire, 28mm total height; suitable for wall or ceiling mounting; designed for continuous lighting systems; 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

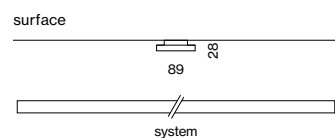
FR Luminaire en saillie extrêmement plat d'une hauteur totale de 28mm ; convient au montage au plafond ou mural ; conçu pour système d'éclairage continu ; surface thermolaquée ; élément d'éclairage antichute en profil d'aluminium extrudé pour montage en canal sans outil au moyen de fixations magnétiques ; lumière couplée latéralement guidée vers le bas par LGP Body (Light Guiding Prism) et réflecteur haut. efficace ; cache éclairé de façon homogène, satiné (affleurant ou en saillie) ou microprismatique en PMMA ; LED économes en énergie à restitution de couleur élevée



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

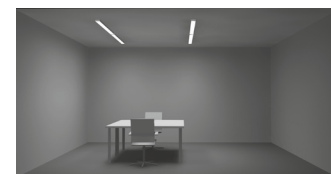
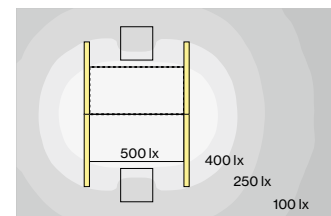
opal high performance	H
microprismatic (UGR ≤ 19)	G
jut-out	J

Options on request

COLOUR RENDERING INDEX

CRI ≥ 90

Technical data



LENO surface, microprismatic,
 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

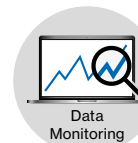
CALCULATION SURFACE

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

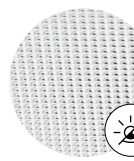
LUMINOUS FLUX value calculated for
 colour white, cover opal
 microprismatic -5%, jut-out-4%



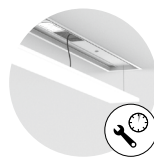
DiiA® standards
 251, 252, 253



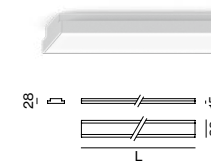
single luminaire
 (p. 500)



microprismatic
 UGR ≤ 19



quick
 installation



LENO surface

INSTALLATION CHANNEL

TYPE	L (mm)	ORDER CODE
channel	613	05 1-892006
channel	1221	05 1-892012
channel	1830	05 1-892018
channel	2438	05 1-892024

order installation channel, light inset + mounting accessories separately



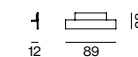
LIGHT INSET

SYSTEM POWER	L (mm)	ORDER CODE
10.8W	612*	05 1-811237
19.1W	1220	05 1-821437
28.6W	1828	05 1-821637
38W	2436	05 1-821837

*only available as end unit

COVER	COLOUR TEMP.	SYSTEM POWER	DELIVERED LUMENS	EFFICACY
opal high performance	3000 K	17.6 W/m	2010 lm/m	129 lm/W
microprismatic UGR ≤ 19	4000 K	17.6 W/m	2130 lm/m	137 lm/W
jut-out	3000 K	17.6 W/m	1900 lm/m	122 lm/W
	4000 K		2010 lm/m	129 lm/W
	3000 K	17.6 W/m	1930 lm/m	124 lm/W
	4000 K		2040 lm/m	131 lm/W

Accessories



END CAPS

TYPE	ORDER CODE
end caps (pair)	05 1-899221



LINEAR CONNECTOR

TYPE	ORDER CODE
linear connector (pair)	05 1-899211
linear connector (10 pairs)	05 1-899211.10

POWER FEEDER CONNECTOR 220-240V | 13A



TYPE	ORDER CODE
power feeder connector	05 1-899233



DISMOUNTING TOOL

TYPE	ORDER CODE
vacuum cup	086-30000

← back



LENO system

suspended

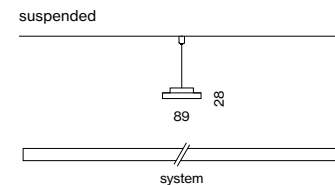
EN Low profile suspended luminaire, 28 mm total height; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; incl. transparent feed; designed for continuous lighting systems; surface powder coated; fall-safe light inset made of extruded aluminium profile, can 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

FR Luminaire suspendu extrêmement plat d'une hauteur totale de 28 mm; suspension par câble; réglage en hauteur sans outil au luminaire; incl. conduit d'alimentation transparent; conçu pour système d'éclairage continu; surface thermolaquée; élément d'éclairage antichute en profil d'aluminium extrudé pour montage en canal sans outil au moyen de fixations magnétiques; lumière couplée latéralement guidée vers le bas par LGP Body (Light Guiding Prism) et réflecteur haut. efficace; cache éclairé de façon homogène, satiné (affleurant ou en saillie) ou microprismatique en PMMA; LED économes en énergie à restitution de couleur élevée

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

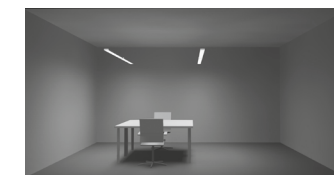
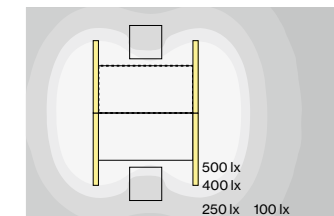
opal high performance	H
microprismatic (UGR ≤ 19)	G
jut-out	J

Options on request

COLOUR RENDERING INDEX

CRI ≥ 90

Technical data



LENO suspended, microprismatic,
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
Mounting height	2.25 m

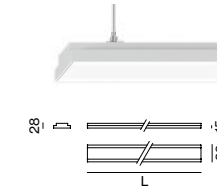
CALCULATION SURFACE

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

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



LENO suspended

INSTALLATION CHANNEL

TYPE	L (mm)	ORDER CODE
channel	613	05 1-893006
channel	1221	05 1-893012
channel	1830	05 1-893018
channel	2438	05 1-893024

order installation channel, light inset + mounting accessories separately



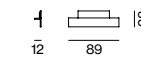
LIGHT INSET

SYSTEM POWER	L (mm)	ORDER CODE
10.8 W	612*	05 1-811237
19.1 W	1220	05 1-821437
28.6 W	1828	05 1-821637
38 W	2436	05 1-821837

*only available as end unit

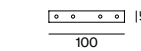
COVER	COLOUR TEMP.	SYSTEM POWER	DELIVERED LUMENS	EFFICACY
opal high performance	3000K	17.6 W/m	2010 lm/m	129 lm/W
microprismatic	4000K	17.6 W/m	2130 lm/m	137 lm/W
UGR ≤ 19	3000K	17.6 W/m	1900 lm/m	122 lm/W
jut-out	4000K	17.6 W/m	2010 lm/m	129 lm/W
	4000K	17.6 W/m	1930 lm/m	124 lm/W
	4000K	17.6 W/m	2040 lm/m	131 lm/W

Accessories



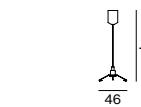
END CAPS

TYPE	ORDER CODE
end caps (pair)	05 1-899221



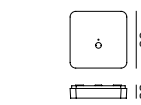
LINEAR CONNECTOR

TYPE	ORDER CODE
linear connector (pair)	05 1-899311
linear connector (10 pairs)	05 1-899311.10



CABLE SUSPENSION

L (mm)	ORDER CODE
1500	005-2122110



CANOPY / CABLE RAIL

TYPE	L (mm)	ORDER CODE
canopy / feeder cable 5 × 1.5 mm ²	1500	005-221241
cable rail	1200	005-249111

for electrical system configuration see luminaire data sheet at xal.com

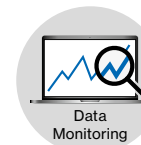
POWER FEEDER CONNECTOR 220-240V | 13A

TYPE	ORDER CODE
power feeder connector	05 1-8992330



DISMOUNTING TOOL

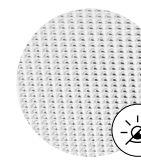
TYPE	ORDER CODE
vacuum cup	086-30000



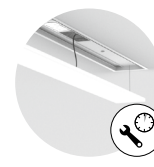
DiiA® standards
251, 252, 253



single luminaire
(p. 504)



microprismatic
UGR ≤ 19



quick
installation

Sharpen your profile system

MINIMAL system

EN A minimalist, continuous lighting system with maximum design freedom – MINIMAL makes this combination possible. The system luminaire is rimless, can be varied in length and thus be individually combined. CORNER elements create the perfect connection between the individual system luminaires. Designed for indoor use, the microprismatic cover version offers a standard-compliant reduced glare value for ideal workplace lighting. When using the opal cover, homogeneous room illumination is achieved, whereas the wallwasher insert provides uniform wall illumination. The MINIMAL system luminaire is available in the light colours 3000 K, 4000 K, and optionally in Tunable White.

FR Un système d'éclairage épuré et continu offrant une liberté de conception maximale – une combinaison rendue possible grâce à MINIMAL. Le luminaire système n'a pas de bord, sa longueur est variable et il peut donc être combiné individuellement. Les éléments CORNER réalisent alors la jonction parfaite entre les différents luminaires système. Conçue pour l'intérieur, la variante avec diffuseur microprismatique affiche une valeur d'éblouissement réduite conformes aux normes en vigueur, pour un éclairage idéal du poste de travail. L'utilisation du diffuseur opale permet d'obtenir un éclairage homogène de la pièce, tandis que l'insert lèche-mur illumine les murs de façon homogène. Le luminaire système MINIMAL est disponible dans les températures de couleur 3000 K, 4000 K ou, en option, comme Tunable White.

Types



60

100

Mounting

trimless
recessed

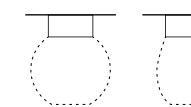
Configurations



linear

corner

Light distributions



opal

microprismatic
(UGR ≤ 19)

← back



MINIMAL 60 system

recessed trimless

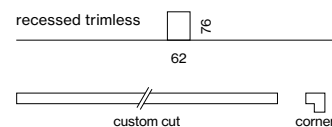
EN Luminaire housing made of extruded aluminium; for trimless installation in plasterboard ceilings; special edge design with grooves for better adhesion of filler; for continuous lighting systems; for ceiling thickness of 8-25mm; surface powder coated; luminaire profile for mounting available in advance;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

FR Corps de luminaire en profil extrudé en aluminium ; pour encastr. sans bord en plafond placoplâtre ; formation de bords spéciaux avec cannelures pour meilleure adhérence du l'enduit ; pour systèmes d'éclairage continus ; pour épaisseurs de plafond 8-25mm ; surface thermolaquée ; Profilé de luminaire pour montage livrable avant ; composants restants montable sans outil ; élément lumineux composé de profilé extrudé laqué hautement réfléchissant pour une gestion thermique améliorée ; en option module d'éclairage raccourcissable de manière flexible ; cache HPO (High Performance Opal) pour éclairage homogène ; cache PMMA microprismatique, avec film diffusant inclus pour réduire la brillance avec un éclairage homogène ; module d'éclairage wallwasher ; LED à haut rend. éner. – excellent rendu coul.

Quickinfo

3000K, 4000K, TW
 CRI ≥ 80, CRI ≥ 90, 3 SDCM
 up to 2760 lm/m
 up to 125 lm/W
 L90 @ 50 000h
 non DIM, DALI-2
 opal, microprismatic (UGR ≤ 19)

Types



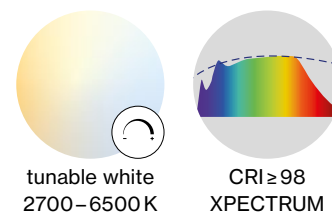
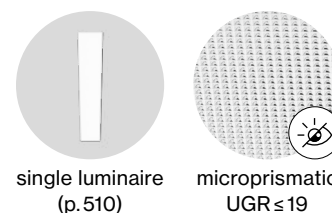
Colour



Light distributions



DiiA® standards
 251, 252, 253



Order options

LED TYPE	
mid lumen	L
high lumen	M

COLOUR TEMPERATURE	
3000K (CRI ≥ 90)	0
4000K (CRI ≥ 90)	1
3000K (CRI ≥ 80)	5
4000K (CRI ≥ 80)	6
tunable white 2700–6500K*	

*DALI-2 DT8

CONTROL	
non DIM	1
DALI-2 (only high lumen)	3

MATERIAL COLOUR	
traffic white RAL 9016	

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

*UGR ≤ 19 only with mid lumen
 **only for channel corner 90°

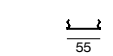
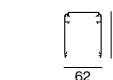
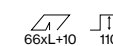
EMERGENCY LIGHT	
1h Accupack	N L 1
3h Accupack	N L 3

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 98 XPECTRUM	

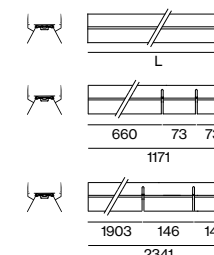
LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, cover opal microprismatic -13%

MINIMAL 60 trimless



INSTALLATION CHANNEL / CORNER 90°	L (mm)	ORDER CODE
channel	1172	036-01247
channel	1472	036-01547
channel	3000	036-03047
channel	custom	E82030...7
channel corner 90° + cover	140x140	036-12647

LIGHT OPTIC COVER / BLIND COVER	L (mm)	ORDER CODE
linear	1171	006-16122
linear	1470	006-16152
linear	2997	006-16302
linear	custom	E80630...0
continuous linear	6000	006-23061H
continuous linear	25000	006-23251H
blind cover	3000	006-18307
blind cover	custom	E80630...7B



LIGHT INSET 60	L (mm)	ORDER CODE
SYSTEM POWER (MID/HIGH LUMEN)		
8.7 / 13.8 W	571	007-93...2
13 / 20.6 W	871	007-93...3
15.3 / 27.5 W	1171	007-93...4
19.2 / 34 W	1463	007-93...5
31 / 55 W	2341	007-93...8
38 / 68 W	2997	007-93...9
flexible inset 15.3 / 27.5 W	660-1171	007-93...F
flexible inset 31 / 55 W	1903-2341	007-93...G

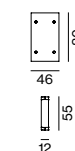
COVER	COLOUR TEMP.	SYSTEM POWER	DELIVERED LUMENS	EFFICACY
mid lumen / opal	3000K	14 W/m	1540 lm/m	118 lm/W
high performance	4000K		1640 lm/m	125 lm/W
high lumen / opal	3000K	24 W/m	2540 lm/m	110 lm/W
high performance	4000K		2700 lm/m	116 lm/W

LIGHT INSET 60 tunable white 2700–6500K	L (mm)	ORDER CODE
SYSTEM POWER		
21.7 W	871	007-9333D37
29 W	1171	007-9334D37
36 W	1463	007-9335D37
58 W	2341	007-9338D37

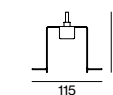
Accessories



END CAPS	ORDER CODE
end caps (pair)	036-13047



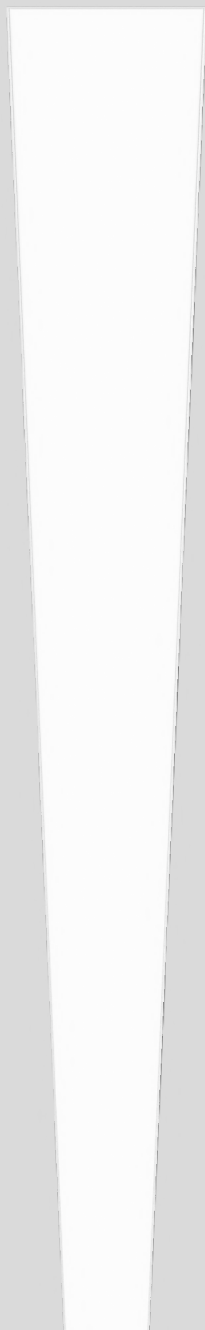
LINEAR CONNECTOR / THROUGH WIRE	ORDER CODE
linear connector (1 piece)	005-40046
linear connector (10 pieces)	005-40046.10
opal cover linear connector	006-14000
through wire 3 × 1.5 mm² (non DIM, 10 pieces)	004-90003
through wire 5 × 1.5 mm² (DALI-2, 10 pieces)	004-90005



MOUNTING BRACKET	CEILING THICKNESS (mm)	ORDER CODE
mounting bracket (1 piece)	8-25	036-10200
mounting bracket (25 pieces)	8-25	036-10200.25

number of brackets required: length of your system in metres+1

← back



MINIMAL 100 system

recessed trimless

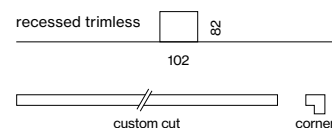
EN Luminaire housing made of extruded aluminium; for trimless installation in plasterboard ceilings; special edge design with grooves for better adhesion of filler; for continuous lighting systems; for ceiling thickness of 8-25mm; surface powder coated; luminaire profile for mounting available in advance;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

FR Corps de luminaire en profil extrudé en aluminium; pour encastr. sans bord en plafond pla-coplâtre; formation de bords spéciaux avec cannelures pour meilleure adhérence du l'en-duit; pour systèmes d'éclairage continus; pour épaisseurs de plafond 8-25 mm; surface ther-molaquée; Profilé de luminaire pour montage livrable avant; composants restants montable sans outil; élément lumineux composé de pro-filé extrudé laqué hautement réfléchissant pour une gestion thermique améliorée; en option module d'éclairage raccourcissable de manière flexible; cache HPO (High Performance Opal) pour éclairage homogène; cache PMMA micro-prismatique, avec film diffusant inclus pour réduire la brillance avec un éclairage homo-gène; module d'éclairage wallwasher; LED à haut rend. énerg. – excellent rendu coul.

Quickinfo

3000K, 4000K, TW
 CRI ≥ 80, CRI ≥ 90, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 3090 lm/m
 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



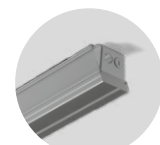
single luminaire
 (p. 512)



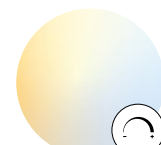
DIN EN 12464-1
 UGR ≤ 19



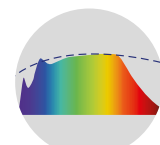
wallwasher
 inset (p. 944)



concrete install.
 housing (p. 946)



tunable white
 2700–6500 K



CRI ≥ 98
 XPECTRUM

Order options

LED TYPE	
mid lumen	L
high lumen	M

COLOUR TEMPERATURE	
3000 K (CRI ≥ 90)	0
4000 K (CRI ≥ 90)	1
3000 K (CRI ≥ 80)	5
4000 K (CRI ≥ 80)	6
tunable white 2700–6500 K*	

*DALI-2 DT8

CONTROL	
non DIM	1
DALI-2 (only high lumen)	3

MATERIAL COLOUR

○ traffic white RAL 9016

LIGHT OPTIC COVER

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

*UGR ≤ 19 only with mid lumen

**only for channel corner 90°

EMERGENCY LIGHT

1h Accupack	N L 1
3h Accupack	N L 3

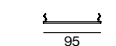
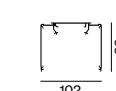
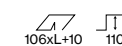
Options on request

COLOUR RENDERING INDEX

CRI ≥ 98 XPECTRUM

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

MINIMAL 100 trimless



INSTALLATION CHANNEL / CORNER 90°

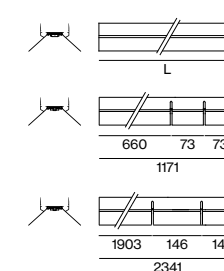
TYPE	L (mm)	ORDER CODE
channel	1172	036-01267
channel	1472	036-01567
channel	3000	036-03067
channel	custom	E82050...7
channel corner 90° + cover	200x200	036-12667

LIGHT OPTIC COVER / BLIND COVER

TYPE	L (mm)	ORDER CODE
linear	1171	006-12122
linear	1470	006-12152
linear	2997	006-12302
linear	custom	E80650...0
blind cover	3000	006-11307
blind cover	custom	E80650...7B



LIGHT INSET 100



SYSTEM POWER (MID/HIGH LUMEN)	L (mm)	ORDER CODE
8.7/13.8 W	571	007-86...2
13/20.6 W	871	007-86...3
15.3/27.5 W	1171	007-86...4
19.2/34 W	1463	007-86...5
31/55 W	2341	007-86...8
38/68 W	2997	007-86...9
flexible inset 15.3/27.5 W	660-1171	007-86...F
flexible inset 31/55 W	1903-2341	007-86...G

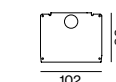
COVER	COLOUR TEMP.	SYSTEM POWER	DELIVERED LUMENS	EFFICACY
mid lumen/opal	3000 K	14 W/m	1770 lm/m	132 lm/W
high performance	4000 K		1870 lm/m	140 lm/W
high lumen/opal	3000 K	24 W/m	2920 lm/m	123 lm/W
high performance	4000 K		3090 lm/m	130 lm/W

LIGHT INSET 100 tunable white 2700–6500 K

SYSTEM POWER	L (mm)	ORDER CODE
21.7 W	871	007-8633D37
29 W	1171	007-8634D37
36 W	1463	007-8635D37
58 W	2341	007-8638D37

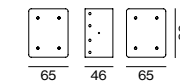
Accessories

END CAPS



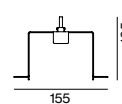
TYPE	ORDER CODE
end caps (pair)	036-13067

LINEAR CONNECTOR / THROUGH WIRE



TYPE	ORDER CODE
linear connector (1 piece)	005-40066
linear connector (10 pieces)	005-40066.10
opal cover linear connector	006-10000
through wire 3 × 1.5 mm² (non DIM, 10 pieces)	004-90003
through wire 5 × 1.5 mm² (DALI-2, 10 pieces)	004-90005

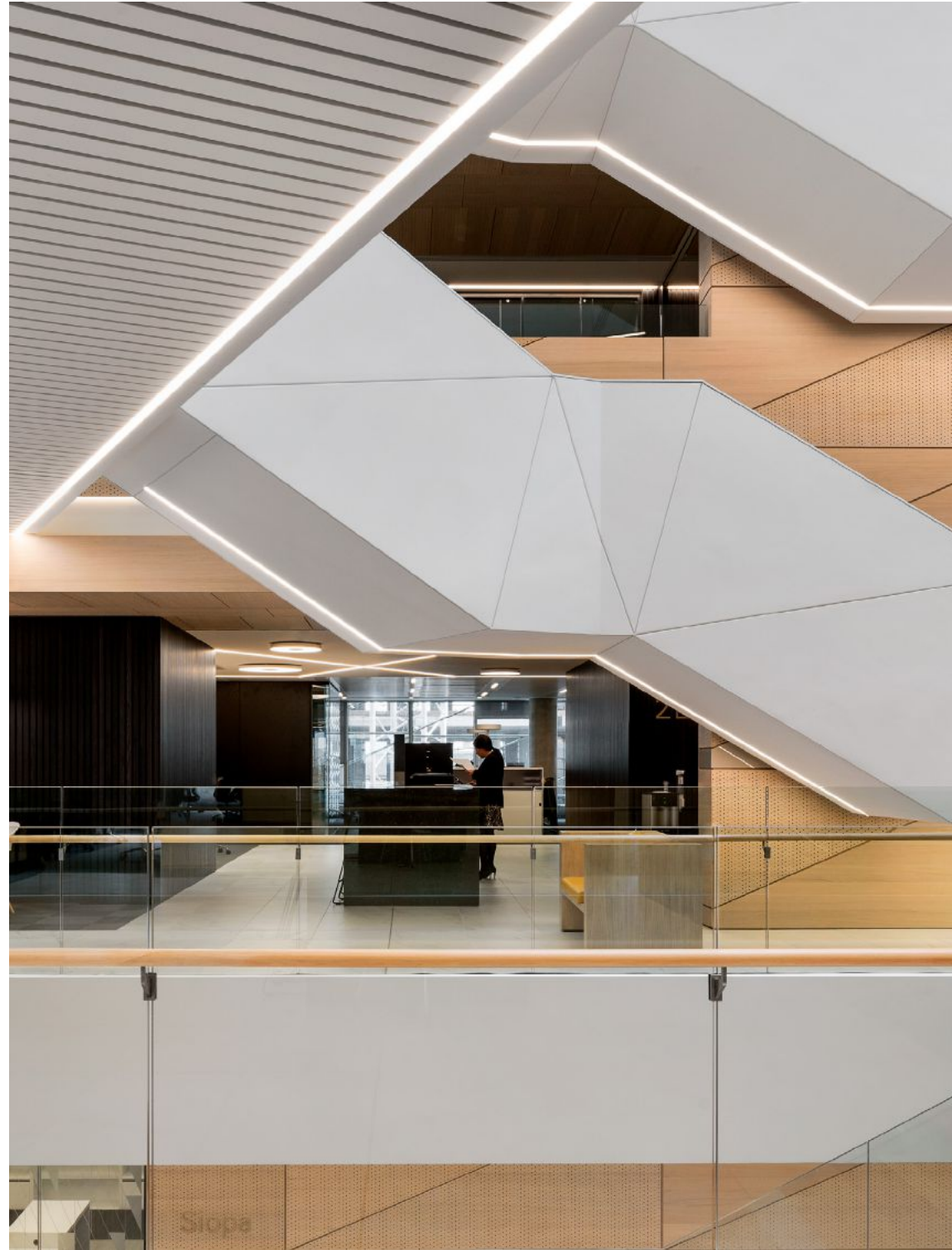
MOUNTING BRACKET



TYPE	CEILING THICKNESS (mm)	ORDER CODE
mounting bracket (1 piece)	8-25	036-10300
mounting bracket (25 pieces)	8-25	036-10300.25

number of brackets required: length of your system in metres+1

Bank of Ireland Dublin, IE –
by Henry J Lyons Architects with lighting
design by O'Connor Sutton Cronin





Telecable
Gijón, ES –
by Arquitectos
Pablo Poch Duo Comunicación with
lighting design by Lux Gijón



Outline your profile system

FRAME system

EN The FRAME system luminaire sets no limits on office lighting and profile-based ambient lighting. Thanks to special flex insets, FRAME can be shortened on-site and thus adapted to all conditions. The system luminaire connects to form a light band, creating continuous lighting. Corner connectors thus create a continuous lighting system. The lighting insets also leave nothing to be desired – whether insets with opal cover for uniform room illumination, or the microprismatic cover for light suitable for workplaces. Available light colours range from 3000 K to 4000 K and optional Tunable White, and a colour rendering of up to $CRI \geq 98$ (XPECTRUM).

FR Avec le système FRAME, il n'y a plus de limite en matière d'éclairage de bureau et de base reposant sur des profilés. Doté d'inserts Flex de conception spéciale, FRAME peut être raccourci sur place pour l'adapter ainsi à toutes les situations. Le système peut être raccordé à une bande lumineuse pour ainsi créer un éclairage continu. Grâce aux raccords d'angle, on obtient un système d'éclairage continu. Les modules d'éclairage ne laissent rien au hasard – inserts avec diffuseur opale pour un éclairage uniforme de la pièce ou diffuseur microprismatique pour une lumière adaptée au poste de travail. La température de couleur est disponible au choix en version 3000 K, 4000 K et, en option, Tunable White, avec un rendu de couleurs jusqu'à un $IRC \geq 98$ (XPECTRUM).

Types



40

60

100

Mounting



with trim
recessed

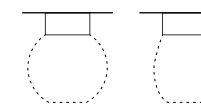
Configurations



linear

corner

Light distributions



opal

 microprismatic
($UGR \leq 19$)

← back



FRAME 40 system

recessed with trim

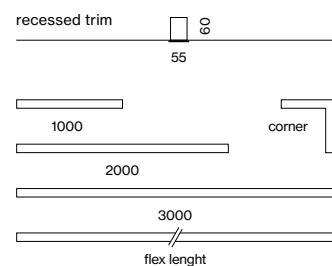
EN Luminaire housing made of extruded aluminium; recessed luminaire with trim; designed for continuous lighting systems; suitable for ceiling thickness of 8-25mm; surface powder coated; luminaire profile incl. light inset; cover in the length of the light inset or continuous cover (both separately available); pre-assembled power rail for power supply in luminaire profile; voltage tap of the light inset on the power rail; 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

FR Corps de luminaire en profil extrudé en aluminium ; luminaire encastré avec bord continu ; conçu pour système d'éclairage continu ; convient aux épaisseurs de plafond de 8-25 mm ; surface thermolaquée ; profilé de luminaire avec insert d'écl. ; diffuseur sur la longueur de l'insert ou diffuseur continu (les deux à commander sép.) ; rail d'alimentation prémonté pour l'alim. en tension dans le profilé ; prélèvement de tension de l'insert sur le rail d'alim. ; élément lumineux composé de profilé extrudé laqué hautement réfléchissant pour une gestion thermique améliorée ; cache HPO (High Performance Opal) pour éclairage homogène ; LED économes en énergie à restitution de couleur élevée

Quickinfo

3000K, 4000K
 CRI ≥ 90, 3 SDCM
 up to 2340lm/m
 up to 102lm/W
 L90 @ 50 000h
 DALI-2
 opal

Types



Colours



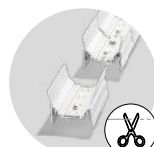
Light distribution



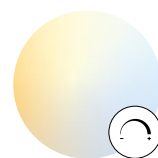
DiiA® standards
 251, 252, 253



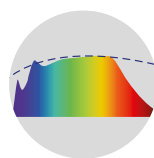
single luminaire
 (p. 518)



flexible
 inset



tunable white
 2700–6500K



CRI ≥ 98
 XPECTRUM

Order options

LED TYPE	
mid lumen	1
high lumen	2

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	

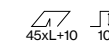
Options on request

COLOUR RENDERING INDEX	
CRI ≥ 98 XPECTRUM	

COLOUR TEMPERATURE	
tunable white 2700–6500K	

LIGHT OPTIC COVER	
microprismatic	

FRAME 40 trim



INSTALLATION CHANNEL + LIGHT INSET

SYSTEM POWER (MID/HIGH LUMEN)	L (mm)	ORDER CODE
15.3/22.9W	1000	0 4 2 - 7 0 A 2 :: 3
30.5/46W	2000	0 4 2 - 7 0 A 4 :: 3
46/69W	3000	0 4 2 - 7 0 A 6 :: 3
15.3/22.9W flex	500–1000	0 4 2 - 7 0 A F :: 3
30.5/46W flex	1500–2000	0 4 2 - 7 0 A G :: 3
15.3/22.9W corner	500×500	0 4 2 - 7 0 A C :: 3

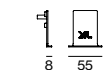
COVER	COLOUR TEMP.	SYSTEM POWER	DELIVERED LUMENS	EFFICACY
mid lumen / opal	3000K	15.3 W/m	1480lm/m	97lm/W
high performance	4000K		1560lm/m	102lm/W
high lumen / opal	3000K	22.9 W/m	2210lm/m	97lm/W
high performance	4000K		2340lm/m	102lm/W

LIGHT OPTIC COVER 40

TYPE	L (mm)	ORDER CODE
linear	1000	0 0 6 - 4 2 1 0 0 1 0 H
linear	2000	0 0 6 - 4 2 2 0 0 1 0 H
linear	3000	0 0 6 - 4 2 3 0 0 1 0 H
corner	500×500	0 0 6 - 4 2 0 5 0 2 0 H
continuous linear	6000	0 0 6 - 2 2 0 6 0 1 0 H
continuous linear	30000	0 0 6 - 2 2 3 0 0 1 0 H

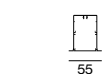
Accessories

END CAPS



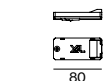
TYPE	ORDER CODE
end caps (pair)	0 4 2 - 7 0 9 0 0 1

CHANNEL + BLIND COVER



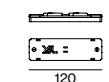
TYPE	L (mm)	ORDER CODE
linear	1000	0 4 2 - 7 0 9 4 2 1
linear	2000	0 4 2 - 7 0 9 4 4 1
linear	3000	0 4 2 - 7 0 9 4 6 1
corner	500×500	0 4 2 - 7 0 9 4 C 1

POWER FEEDER UNIT



TYPE	ORDER CODE
power feeder unit	0 4 2 - 1 0 9 3 2 3 0

LINEAR CONNECTOR



TYPE	ORDER CODE
mechanical linear connector	0 4 2 - 7 0 9 1 1 1 0
mechanical + electrical linear connector	0 4 2 - 7 0 9 1 2 3 0
opal cover linear connector	0 4 2 - 1 0 9 1 9 1 0

MOUNTING BRACKET

TYPE	CEILING THICKNESS (mm)	ORDER CODE
mounting bracket (1 piece)	8-25	0 4 2 - 7 0 9 2 1 1 0
mounting bracket (25 pieces)	8-25	0 4 2 - 7 0 9 2 1 1 0 . 2 5

number of brackets required: length of your system in metres+1

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

← back



FRAME 60 system

recessed with trim

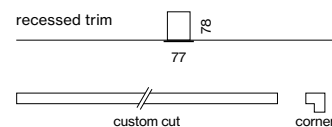
EN Luminaire housing made of extruded aluminium; recessed luminaire with trim; designed for continuous lighting systems; suitable for ceiling thickness of 8-25 mm; surface powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; light inset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

FR Corps de luminaire en profil extrudé en aluminium; luminaire encastré avec bord continu; conçu pour système d'éclairage continu; convient aux épaisseurs de plafond de 8-25 mm; surface thermolaquée; Profilé de luminaire pour montage livrable avant; composants restants du luminaire montable sans outil; élément lumineux composé de profilé extrudé laqué hautement réfléchissant pour une gestion thermique améliorée; en option module d'éclairage raccourcissable de manière flexible; cache HPO (High Performance Opal) pour éclairage homogène; cache PMMA microprismatique, avec film diffusant inclus pour réduire la brillance avec un éclairage homogène; module d'éclairage wall-washer; LED économes en énergie à restitution de couleur élevée

Quickinfo

3000K, 4000K, TW
 CRI ≥ 80, CRI ≥ 90, 3 SDCM
 up to 2760 lm/m
 up to 125 lm/W
 L90 @ 50 000h
 non DIM, DALI-2
 opal, microprismatic (UGR ≤ 19)

Types



Colours



Light distributions



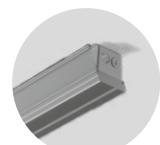
DiiA® standards
251, 252, 253



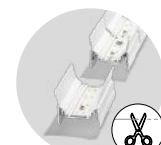
single luminaire
(p.520)



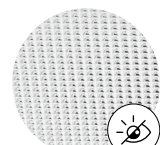
wallwasher
inset (p.944)



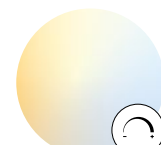
concrete install.
housing (p.946)



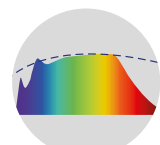
flexible
inset



microprismatic
UGR ≤ 19



tunable white
2700-6500K



CRI ≥ 98
XPECTRUM

Order options

LED TYPE	
mid lumen	L
high lumen	M

COLOUR TEMPERATURE	
3000K (CRI ≥ 90)	0
4000K (CRI ≥ 90)	1
3000K (CRI ≥ 80)	5
4000K (CRI ≥ 80)	6
tunable white 2700-6500K*	

*DALI-2 DT8

CONTROL	
non DIM	1
DALI-2 (only high lumen)	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
blind cover**	B

*UGR ≤ 19 only with mid lumen
 **only for channel corner 90°

EMERGENCY LIGHT	
1h Accupack	N L 1
3h Accupack	N L 3

Options on request

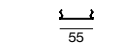
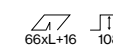
COLOUR RENDERING INDEX	
CRI ≥ 98 XPECTRUM	

INSTALLATION CHANNEL	
curve	

CONNECTOR	
X- and T-connector	

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

FRAME 60 trim



INSTALLATION CHANNEL / CORNER 90°	L (mm)	ORDER CODE
channel	1172	035-0123
channel	1472	035-0153
channel	3000	035-0303
channel	custom	E82140
channel corner 90° + cover	144x144	035-1263

LIGHT OPTIC COVER / BLIND COVER	L (mm)	ORDER CODE
linear	1171	006-16122
linear	1470	006-16152
linear	2997	006-16302
linear	custom	E80630
continuous linear	6000	006-23061H
continuous linear	25000	006-23251H
blind cover	3000	006-1830
blind cover	custom	E80630



LIGHT INSET 60	L (mm)	ORDER CODE
SYSTEM POWER (MID/HIGH LUMEN)		
8.7 / 13.8 W	571	007-932
13 / 20.6 W	871	007-933
15.3 / 27.5 W	1171	007-934
19.2 / 34 W	1463	007-935
31 / 55 W	2341	007-938
38 / 68 W	2997	007-939
flexible inset 15.3 / 27.5 W	660-1171	007-93F
flexible inset 31 / 55 W	1903-2341	007-93G

COVER	COLOUR TEMP.	SYSTEM POWER	DELIVERED LUMENS	EFFICACY
mid lumen / opal	3000K	14 W/m	1540 lm/m	118 lm/W
high performance	4000K		1640 lm/m	125 lm/W
high lumen / opal	3000K	24 W/m	2540 lm/m	110 lm/W
high performance	4000K		2700 lm/m	116 lm/W

LIGHT INSET 60 tunable white 2700-6500K	L (mm)	ORDER CODE
SYSTEM POWER		
21.7 W	871	007-9333D37
29 W	1171	007-9334D37
36 W	1463	007-9335D37
58 W	2341	007-9338D37

Accessories

END CAPS	ORDER CODE
TYPE	
end caps (pair)	035-1313

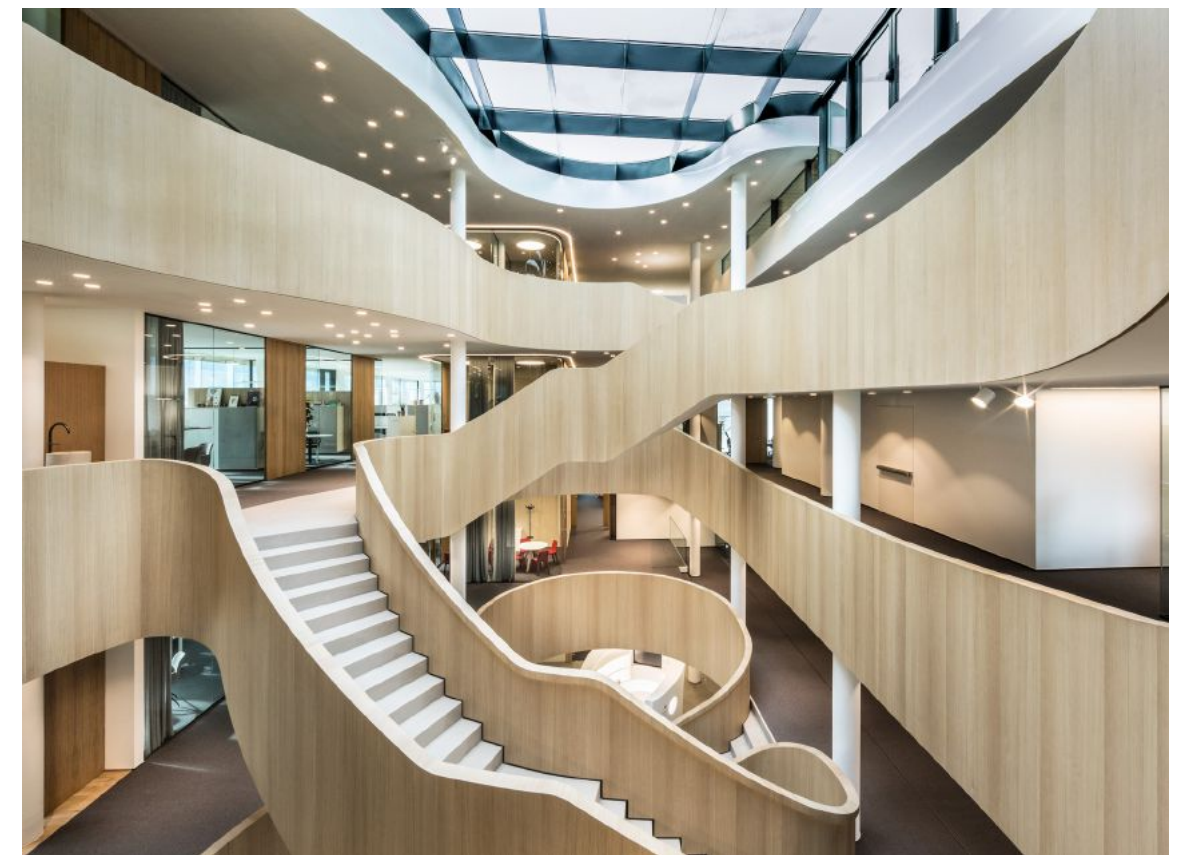
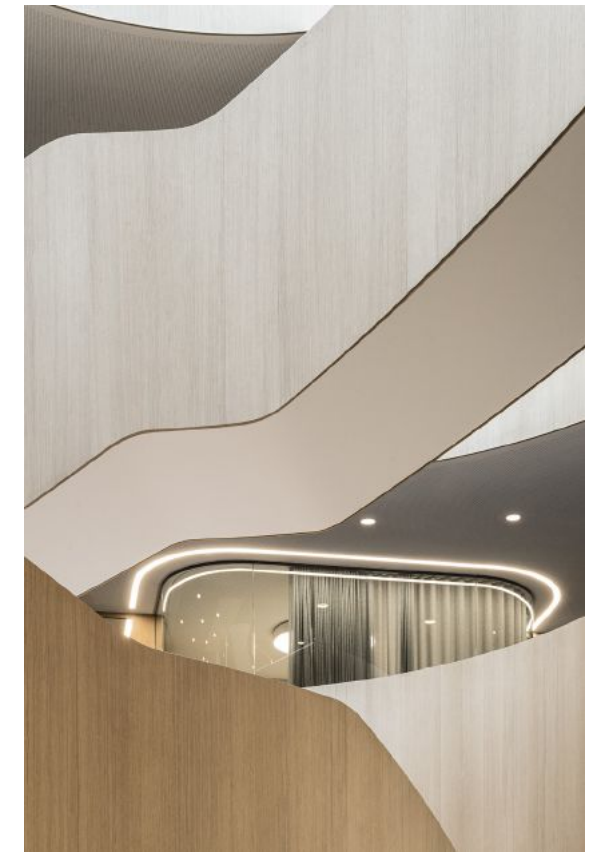
LINEAR CONNECTOR / THROUGH WIRE	ORDER CODE
TYPE	
linear connector (1 piece)	005-40046
linear connector (10 pieces)	005-40046.10
opal cover linear connector	006-14000
through wire 3 × 1.5 mm ² (non DIM, 10 pieces)	004-90003
through wire 5 × 1.5 mm ² (DALI-2, 10 pieces)	004-90005

MOUNTING BRACKET	CEILING THICKNESS (mm)	ORDER CODE
TYPE		
mounting bracket (1 piece)	8-25	035-10200
mounting bracket (25 pieces)	8-25	035-10200.25

number of brackets required: length of your system in metres+1



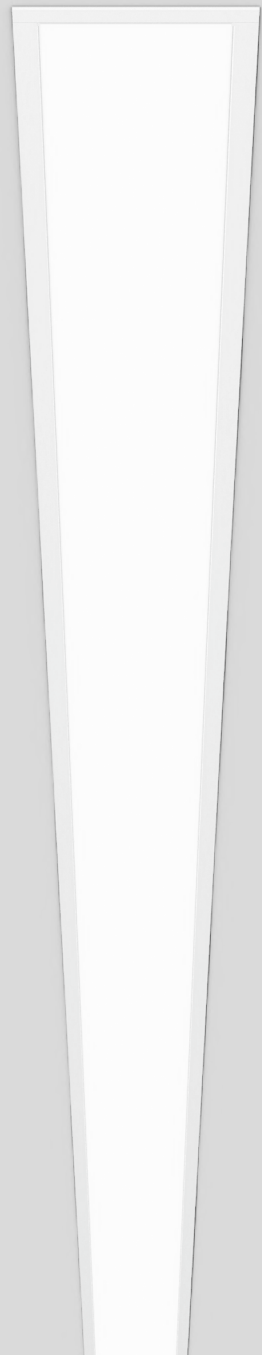
Dr. Schaer Burgstall, IT –
by monovolume architecture+design
with lighting design by VON LUTZ -
electrical and lighting projects /
Alexa von Lutz



RLB headquarters Graz, AT –
by Strohecker ZT GmbH with lighting
design by Klaus Elektro-Anlagen



← back



FRAME 100 system

recessed with trim

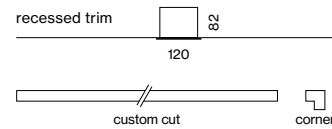
EN Luminaire housing made of extruded aluminium; recessed luminaire with trim; for continuous lighting systems; for ceiling thickness of 8-25 mm; surface powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; light inset consisting of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

FR Corps de luminaire en profil extrudé en aluminium; luminaire encastré avec bord continu; pour systèmes d'éclairage continus; pour épaisseurs de plafond 8-25 mm; surface thermolaquée; Profilé de luminaire pour montage livrable avant; composants restants du luminaire montable sans outil; élément lumineux composé de profilé extrudé laqué hautement réfléchissant pour une gestion thermique améliorée; en option module d'éclairage raccourcissable de manière flexible; cache HPO (High Performance Opal) pour éclairage homogène; cache PMMA microprismatique, avec film diffusant inclus pour réduire la brillance avec un éclairage homogène; module d'éclairage wallwasher; LED économes en énergie à restitution de couleur élevée

Quickinfo

3000K, 4000K, TW
 CRI ≥ 80, CRI ≥ 90, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 3090 lm/m
 up to 140 lm/W
 L90 @ 50 000h
 non DIM, DALI-2
 opal, microprismatic (UGR ≤ 19)

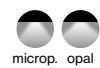
Types



Colours



Light distributions



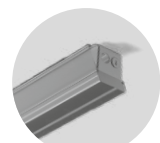
DiiA® standards
251, 252, 253



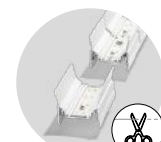
single luminaire
(p.522)



wallwasher
inset (p.944)



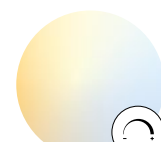
concrete install.
housing (p.946)



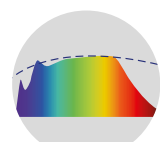
flexible
inset



DIN EN 12464-1
UGR ≤ 19



tunable white
2700–6500K



CRI ≥ 98
XPECTRUM

Order options

LED TYPE	
mid lumen	L
high lumen	M

COLOUR TEMPERATURE	
3000K (CRI ≥ 90)	0
4000K (CRI ≥ 90)	1
3000K (CRI ≥ 80)	5
4000K (CRI ≥ 80)	6
tunable white 2700–6500K*	

*DALI-2 DT8

CONTROL	
non DIM	1
DALI-2 (only high lumen)	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
blind cover**	B

*UGR ≤ 19 only with mid lumen
 **only for channel corner 90°

EMERGENCY LIGHT	
1h Accupack	N L 1
3h Accupack	N L 3

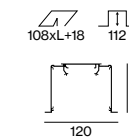
Options on request

COLOUR RENDERING INDEX	
CRI ≥ 98 XPECTRUM	

CONNECTOR	
X- and T-connector	

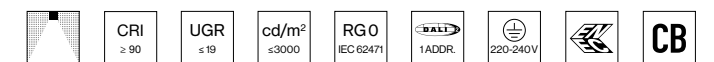
LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, cover opal microprism. Z -8%, microprism. G -10%

FRAME 100 trim



INSTALLATION CHANNEL / CORNER 90°		
TYPE	L (mm)	ORDER CODE
channel	1172	035-0125
channel	1472	035-0155
channel	3000	035-0305
channel	custom	E 82150
channel corner 90° + cover	205x205	035-1265

LIGHT OPTIC COVER / BLIND COVER		
TYPE	L (mm)	ORDER CODE
linear	1171	006-12122
linear	1470	006-12152
linear	2997	006-12302
linear	custom	E 80650
blind cover	3000	006-1130
blind cover	custom	E 80650



LIGHT INSET 100		
SYSTEM POWER (MID/HIGH LUMEN)	L (mm)	ORDER CODE
8.7/13.8W	571	007-862
13/20.6W	871	007-863
15.3/27.5W	1171	007-864
19.2/34W	1463	007-865
31/55W	2341	007-868
38/68W	2997	007-869
15.3/27.5W flex	660-1171	007-86F
31/55W flex	1903-2341	007-86G

COVER	COLOUR TEMP.	SYSTEM POWER	DELIVERED LUMENS	EFFICACY
mid lumen/opal	3000K	14 W/m	1770 lm/m	132 lm/W
high performance	4000K		1870 lm/m	140 lm/W
high lumen/opal	3000K	24 W/m	2920 lm/m	123 lm/W
high performance	4000K		3090 lm/m	130 lm/W

LIGHT INSET 100 tunable white 2700–6500K		
SYSTEM POWER	L (mm)	ORDER CODE
21.7W	871	007-8633D37
29W	1171	007-8634D37
36W	1463	007-8635D37
58W	2341	007-8638D37

Accessories

END CAPS	
TYPE	ORDER CODE
end caps (pair)	035-1315

LINEAR CONNECTOR / THROUGH WIRE	
TYPE	ORDER CODE
linear connector (1 piece)	005-40066
linear connector (10 pieces)	005-40066.10
opal cover linear connector	006-10000
through wire 3 × 1.5 mm² (non DIM, 10 pieces)	004-90003
through wire 5 × 1.5 mm² (DALI-2, 10 pieces)	004-90005

MOUNTING BRACKET		
TYPE	CEILING THICKNESS (mm)	ORDER CODE
mounting bracket (1 piece)	8-25	035-10230
mounting bracket (25 pieces)	8-25	035-10230.25

number of brackets required: length of your system in metres+1



CMS Office Paris, FR –
by Lobjoy & Bouvier & Boisseau



Discreet profile system

CANYON system

EN The CANYON system luminaire radiates calm and makes visitors feel welcome – whether in entrance halls, at the reception, or in corridors or lounges. The specially developed, flex insets, which can be shortened, make the luminaire a true all-round talent; with its tailored profile length, the luminaire can also be transformed into a customised lighting system by using CORNER elements. Also noteworthy: When combined with the opal cover, the CANYON system luminaire creates uniform ambient lighting. For workstations, it can be perfectly adapted to office conditions using insets with microprismatic covers.

FR Le luminaire système CANYON inspire le calme et fait en sorte que le visiteur se sente bienvenu, que ce soit dans les halls d'entrée, à l'accueil, dans les couloirs ou les salles communes. Les inserts flexibles de conception spéciale, qui peuvent être raccourcis, font de ce luminaire un must de polyvalence : avec la longueur de profilé souhaitée, le luminaire peut également devenir un système d'éclairage personnalisé grâce à l'utilisation d'éléments CORNER. Autre point notable : en combinaison avec le diffuseur opale, le luminaire système CANYON produit un éclairage de base uniforme. Pour les postes de travail, il s'adapte à merveille aux conditions propres au bureau grâce à des inserts avec diffuseur microprismatique.

Type



60

Mounting

trim
recessed

Configurations

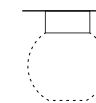


linear

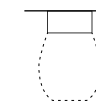


corner

Light distributions



opal

microprismatic
(UGR ≤ 19)

← back



CANYON 60 system

recessed offset with trim

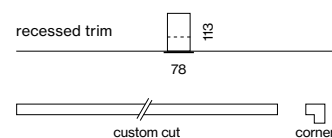
EN Luminaire housing made of extruded aluminium; uncluttered ceiling look through recessed lighting level; recessed luminaire with trim; for continuous lighting systems; for ceiling thickness of 8-25mm; surface powder coated; luminaire profile for mounting available in advance; remaining luminaire components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

FR Corps de luminaire en profil extrudé en aluminium; plafond harmonieux par luminaire en retrait; luminaire encastré avec bord continu; pour systèmes d'éclairage continus; pour épaisseurs de plafond 8-25mm; surface thermolaquée; Profilé de luminaire pour montage livrable avant; composants restants du luminaire montable sans outil; élément lumineux composé de profilé extrudé laqué hautement réfléchissant pour une gestion thermique améliorée; en option module d'éclairage raccourcissable de manière flexible; cache HPO (High Performance Opal) pour éclairage homogène; cache PMMA microprismatique, avec film diffusant inclus pour réduire la brillance avec un éclairage homogène; module d'éclairage wallwasher; LED économes en énergie à restitution de couleur élevée

Quickinfo

3000K, 4000K, TW
 CRI ≥ 80, CRI ≥ 90, 3 SDCM
 up to 2280lm/m
 up to 105lm/W
 L90 @ 50 000h
 non DIM, DALI-2
 opal, microprismatic

Types



Colours



Light distributions



Order options

LED TYPE	
mid lumen	L
high lumen	M

COLOUR TEMPERATURE	
3000K (CRI ≥ 90)	0
4000K (CRI ≥ 90)	1
3000K (CRI ≥ 80)	5
4000K (CRI ≥ 80)	6
tunable white 2700-6500K*	

*DALI-2 DT8

CONTROL	
non DIM	1
DALI-2 (only high lumen)	3

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

LIGHT OPTIC COVER	
opal high performance	H
microprismatic	Z
blind cover*	B

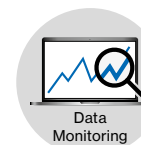
*only for channel corner 90°

EMERGENCY LIGHT	
1h Accupack	N L 1
3h Accupack	N L 3

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 98 XPECTRUM	

CONNECTOR	
X- and T-connector	



Data Monitoring
 DiiA® standards
 251, 252, 253



single luminaire
 (p.528)



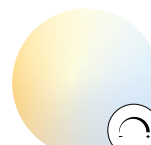
wallwasher
 inset (p.944)



ball-impact-
 resistant



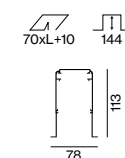
glare control
 UGR ≤ 19



tunable white
 2700-6500K

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

CANYON 60 trim offset



INSTALLATION CHANNEL / CORNER 90°	L (mm)	ORDER CODE
channel	1172	038-5127
channel	1472	038-5157
channel	3000	038-5307
channel	custom	E82330
channel corner 90° + cover	144x144	038-6267

LIGHT OPTIC COVER / BLIND COVER	L (mm)	ORDER CODE
linear	1171	006-16122
linear	1470	006-16152
linear	2997	006-16302
linear	custom	E80630
blind cover	1472	006-1815
blind cover	custom	E80630



LIGHT INSET 60	SYSTEM POWER (MID/HIGH LUMEN)	L (mm)	ORDER CODE
8.7/13.8W		571	007-932
13/20.6W		871	007-933
15.3/27.5W		1171	007-934
19.2/34W		1463	007-935
31/55W		2341	007-938
38/68W		2997	007-939
15.3/27.5W flex		660-1171	007-93F
31/55W flex		1903-2341	007-93G

COVER	COLOUR TEMP.	SYSTEM POWER	DELIVERED LUMENS	EFFICACY
mid lumen/opal	3000K	14 W/m	1300lm/m	99lm/W
high performance	4000K		1380lm/m	105lm/W
high lumen/opal	3000K	24 W/m	2160lm/m	92lm/W
high performance	4000K		2280lm/m	98lm/W

LIGHT INSET 60 tunable white 2700-6500K	SYSTEM POWER	L (mm)	ORDER CODE
21.7W		871	007-9333D37
29W		1171	007-9334D37
36W		1463	007-9335D37
58W		2341	007-9338D37

Accessories

END CAPS	TYPE	ORDER CODE
end caps (pair)		038-6307

LINEAR CONNECTOR / THROUGH WIRE	TYPE	ORDER CODE
linear connector (1 piece)		005-40046
linear connector (10 pieces)		005-40046.10
opal cover linear connector		006-14000
through wire 3 × 1.5 mm² (non DIM, 10 pieces)		004-90003
through wire 5 × 1.5 mm² (DALI-2, 10 pieces)		004-90005

MOUNTING BRACKET	TYPE	CEILING THICKNESS (mm)	ORDER CODE
mounting bracket (1 piece)		8-25	038-60700
mounting bracket (25 pieces)		8-25	038-60700.25

number of brackets required: length of your system in metres+1



Microsoft headquarters
Vienna, AT – by INNOCAD Architektur ZT



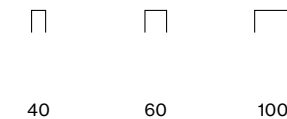
Define your profile system

MINO system

EN The MINO system luminaire complements the multifaceted nature of the MINO single luminaire. Whether as a surface-mounted version for wall or ceiling mounting, or as a suspended version with an indirect light component, the MINO System luminaire is truly versatile. Using CURVE elements, which come in various radii, and CORNER elements, the luminaires are transformed into a continuous lighting system. With three standard and additional special colours available, MINO can be customised according to the desired room concept. You can also combine the light insets for homogeneous ambient lighting with an opal cover. Other options include the use of a wallwasher for a uniformly illuminated wall surface, or the microprismatic cover specially designed for workstations. Excellent colour rendering and three possible light colours complete the MINO system luminaire.

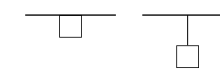
FR Le luminaire système MINO étoffe encore la richesse des facettes du luminaire individuel MINO. En version apparente pour montage sur mur ou plafond ou en version suspendue avec une partie de lumière indirecte, le luminaire système MINO fait preuve d'une grande polyvalence. Grâce aux éléments CORNER et CURVE disponibles dans différents rayons, les divers luminaires se muent en un système d'éclairage continu. Grâce à trois couleurs standard et aux autres teintes spéciales disponibles, MINO s'adapte sans problème au concept d'aménagement souhaité. En option, vous pouvez combiner – même partiellement – les modules d'éclairage avec un diffuseur opale pour un éclairage de base homogène, un lèche-mur pour une surface murale éclairée de manière uniforme ou le diffuseur microprismatique conçu spécialement pour les postes de travail. Le très bon rendu de couleurs et les trois températures de couleur possibles viennent parachever ce système d'éclairage MINO.

Types



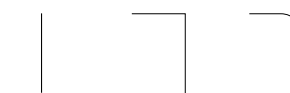
40 60 100

Mountings



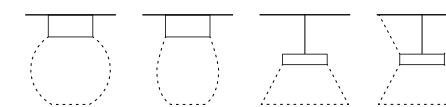
surface suspended

Configurations



linear corner curve

Light distributions

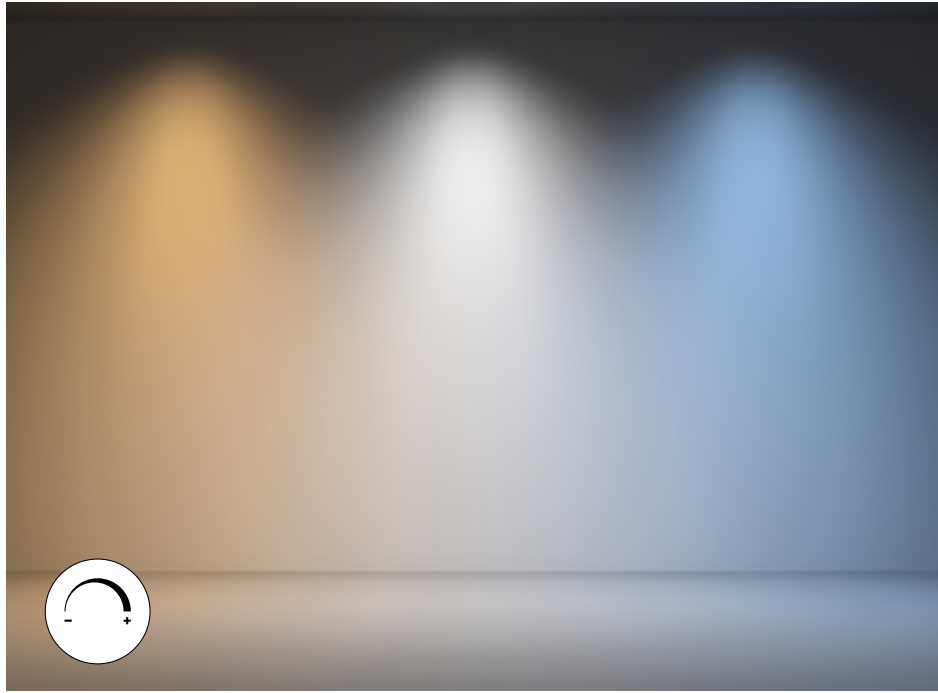


opal microprismatic
(UGR ≤ 19) direct direct
indirect

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.

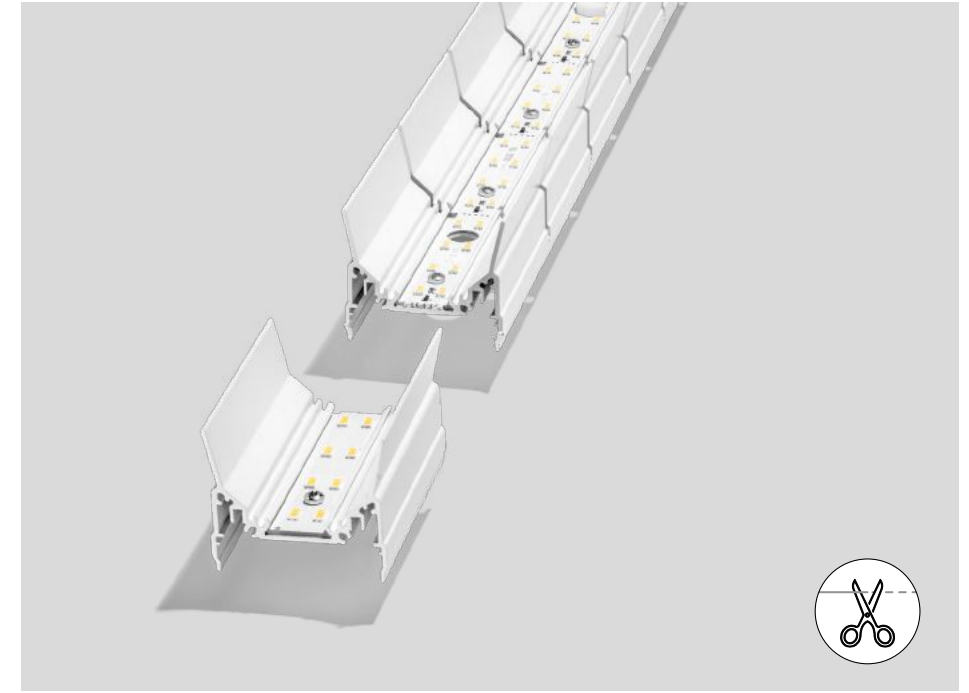
FR Les variations de la température de couleur ont un puissant effet sur notre humeur. Tunable White permet le passage en continu de la température de couleur de 2700 K (lumière chaude) à 6500 K (lumière froide), afin d'adapter l'éclairage de manière dynamique à l'heure ou à la luminosité ambiante.



Precise planning with flex insets

EN Your lighting system can be easily adapted to existing room dimensions. You can determine bespoke lengths for MINO. The special flex insets are precisely and flexibly adapted on-site during assembly. Boards are simply cut off at prefabricated breakpoints. This gives you a free hand and minimal restrictions in the lighting design.

FR Votre système d'éclairage peut facilement être adapté aux dimensions de la pièce. Pour les profilés modulables, vous pouvez déterminer des longueurs individuelles. Les inserts spéciaux Flex s'adaptent avec précision et de manière flexible sur place lors de l'installation : on sépare tout simplement les platines sur les points de cassure préfabriqués. Grâce à cela, vous avez carte blanche et quasiment aucune restriction dans la conception de l'éclairage.

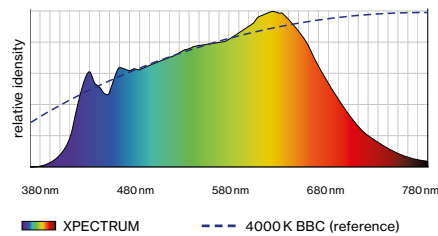


Full-spectrum LED

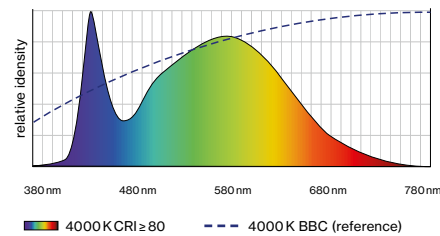
EN XAL's new XPECTRUM LEDs deliver healthy, biologically effective light. The reduced blue light component and increased cyan values reduce the blue light hazard for the eye to daylight-equivalent levels. The resulting non-visual, so-called melanopic light effect, improves concentration and increases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

FR La nouvelle LED XPECTRUM de XAL fournit une lumière saine et adaptée au rythme circadien. La réduction de la lumière bleue ainsi que l'augmentation des valeurs cyan réduisent le risque que représente pour l'œil la lumière bleue, retrouvant un niveau similaire à celui de la lumière du jour. Il en résulte un effet d'éclairage non visuel, dit mélanopique, qui favorise la concentration et améliore la qualité du sommeil. L'excellent rendu des couleurs de l'IES TM 30-15 $R_t = 98$ et $R_g = 101$ constitue un autre atout pour le confort visuel.

XPECTRUM LED



Commercially available LED 4000 K



Colour variety

EN MINO is available in the standard colours black, grey, and white. Further colour variations are also available, granting your project maximum design freedom. You can learn more about our colour palette at xal.com/colours.

FR Tous les profilés modulables sont disponibles en différentes couleurs standard. En outre, d'autres variantes de couleurs sont disponibles - ce qui vous offre une liberté de création maximale dans votre projet. Vous trouverez plus d'informations sur notre palette de couleurs sur xal.com/colours.



xal.com/colours

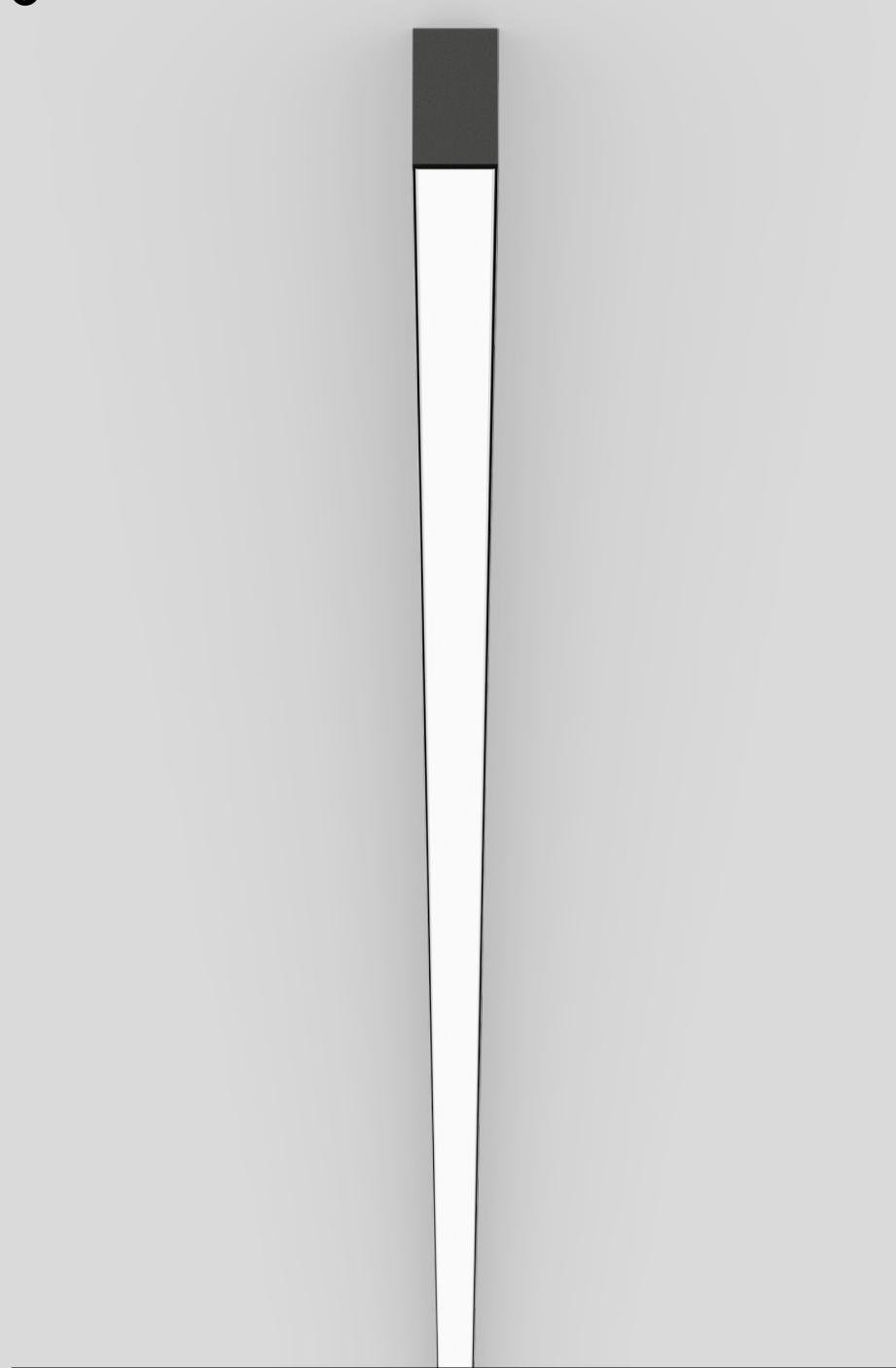
Curves & edges

EN Let your creativity run wild and combine straight profiles with precise corners or harmonious curves. The curve profiles are available in different radii to generate maximum design freedom.

FR Laissez libre cours à votre créativité et reliez les profilés rectilignes par des angles précis ou des courbes harmonieuses. Les profilés courbes sont disponibles en différents rayons afin de permettre une liberté de conception maximale. Comme tous les éléments de profilés vont ensemble, vous pouvez créer des configurations de système personnalisées exactement comme vous le souhaitez et selon l'espace disponible.



← back



MINO 40 system

ceiling/suspended

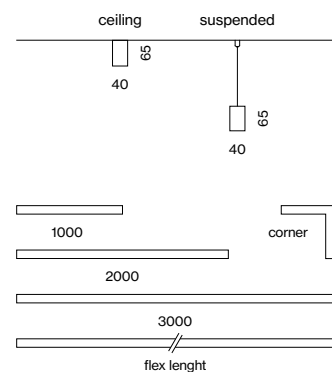
EN Luminaire housing from extruded aluminium profile, angular design; no visible screws; for lighting systems; powder coated; luminaire profile incl. light inset; cover in the length of the light inset or continuous cover (both separately available); pre-assembled power rail for power supply in luminaire profile; voltage tap of the light inset on the power rail; pendant fitting with cable suspension; height adjustment without tools; 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; energy-eff. LEDs – very good colour rendering

FR Corps de luminaire en profil extrudé en alu, version arête ; aucune vis visible ; pour les systèmes d'éclairage ; thermolaquée ; profilé de luminaire avec insert d'écl. ; diffuseur sur la longueur de l'insert ou diffuseur continu (les deux à commander sép.) ; rail d'alimentation prémonté pour l'alim. en tension dans le profilé ; prélèvement de tension de l'insert sur le rail d'alim. ; suspension par câble ; réglage en hauteur sans outil ; conduit d'alimentation transparent inclus ; élément lumineux composé de profilé extrudé laqué hautement réfléchissant pour une gestion thermique améliorée ; cache HPO (High Performance Opal) pour éclairage homogène ; LED à haut rend. éner. – excellent rendu coul.

Quickinfo

3000K, 4000K
 CRI ≥ 90, 3 SDCM
 up to 2340lm/m
 up to 102lm/W
 L90 @ 50 000h
 DALI-2
 opal

Types



Colours



Light distribution

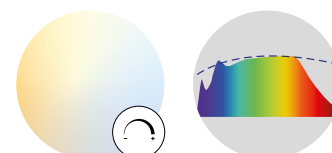


DiiA® standards
 251, 252, 253



single luminaire
 (p.536)

flexible
 inset



tunable white
 2700–6500K

CRI ≥ 98
 XPECTRUM

Order options

LED TYPE	
mid lumen	1
high lumen	2

COLOUR TEMPERATURE	
3000K	0
4000K	1

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

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

LIGHT OPTIC COVER
 opal high performance

Options on request

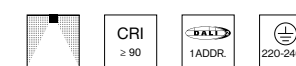
COLOUR RENDERING INDEX
 CRI ≥ 98 XPECTRUM

COLOUR TEMPERATURE
 tunable white 2700–6500K

LIGHT OPTIC COVER
 microprismatic

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

MINO 40 ceiling/suspended



INSTALLATION CHANNEL + LIGHT INSET

SYSTEM POWER (MID/HIGH LUMEN)	L (mm)	ORDER CODE
15.3/22.9W	1000	0 4 2 - 1 0 A 2 3 3
30.5/46W	2000	0 4 2 - 1 0 A 4 3 3
46/69W	3000	0 4 2 - 1 0 A 6 3 3
15.3/22.9W flex	500–1000	0 4 2 - 1 0 A F 3 3
30.5/46W flex	1500–2000	0 4 2 - 1 0 A G 3 3
15.3/22.9W corner	500×500	0 4 2 - 1 0 A C 3 3

COVER	COLOUR TEMP.	SYSTEM POWER	DELIVERED LUMENS	EFFICACY
mid lumen/opal	3000K	15.3 W/m	1480lm/m	97lm/W
high performance	4000K		1560lm/m	102lm/W
high lumen/opal	3000K	22.9 W/m	2210lm/m	97lm/W
high performance	4000K		2340lm/m	102lm/W

LIGHT OPTIC COVER 40

TYPE	L (mm)	ORDER CODE
linear	1000	0 0 6 - 4 2 1 0 0 1 0 H
linear	2000	0 0 6 - 4 2 2 0 0 1 0 H
linear	3000	0 0 6 - 4 2 3 0 0 1 0 H
corner	500×500	0 0 6 - 4 2 0 5 0 2 0 H
continuous linear	6000	0 0 6 - 2 2 0 6 0 1 0 H
continuous linear	30000	0 0 6 - 2 2 3 0 0 1 0 H

Accessories



END CAPS	ORDER CODE
TYPE end caps (pair)	0 4 2 - 1 0 9 0 0 1 Z



CHANNEL + BLIND COVER	L (mm)	ORDER CODE
TYPE linear	1000	0 4 2 - 1 0 9 4 2 1 Z
linear	2000	0 4 2 - 1 0 9 4 4 1 Z
linear	3000	0 4 2 - 1 0 9 4 6 1 Z
corner	500×500	0 4 2 - 1 0 9 4 C 1 Z



POWER FEEDER UNIT	ORDER CODE
TYPE power feeder unit	0 4 2 - 1 0 9 3 2 3 0

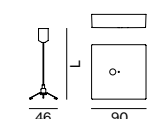


LINEAR CONNECTOR	ORDER CODE
TYPE mechanical linear connector	0 4 2 - 1 0 9 1 1 1 0
mechanical + electrical linear connector	0 4 2 - 1 0 9 1 2 3 0
opal cover linear connector	0 4 2 - 1 0 9 1 9 1 0

CEILING FASTENER/CABLE SUSPENSION/CANOPY

TYPE	L (mm)	ORDER CODE
ceiling fastener	10	0 5 0 - 2 0 4 1 1 1 ■
cable suspension	1500	0 0 5 - 2 1 5 2 1 1 0
canopy		0 0 5 - 2 3 1 1 2 1 ■
feeder cable (transparent)		0 0 5 - 2 4 1 2 4 1 0

for electrical system configuration see luminaire data sheet at xal.com



← back

MINO 60 system

ceiling / suspended

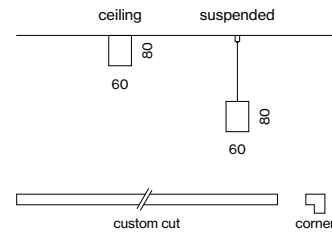
EN Luminaire housing from extruded aluminium profile, angular design; no visible screws; for lighting systems; powder coated; luminaire profile for mounting available in advance; remaining components mounted without tools; pendant fitting with cable suspension; height adjustment without tools; spring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

FR Corps de luminaire en profil extrudé en alu, version arête; aucune vis visible; pour les systèmes d'éclairage; thermolaquée; Profilé de luminaire pour montage livrable avant; composants restants montable sans outil; suspension par câble; réglage en hauteur sans outil; fixation au luminaire au moyen de clips à ressort; conduit d'alimentation transparent inclus; élément lumineux composé de profilé extrudé laqué hautement réfléchissant pour une gestion thermique améliorée; en option module d'éclairage raccourcissable de manière flexible; cache HPO (High Performance Opal) pour éclairage homogène; cache PMMA microprismatique, avec film diffusant inclus pour réduire la brillance avec un éclairage homogène; module d'éclairage wallwasher; LED à haut rend. énerg. – excellent rendu coul.

Quickinfo

3000K, 4000K, TW
 CRI ≥ 80, CRI ≥ 90, 3 SDCM
 up to 2760 lm/m
 up to 125 lm/W
 L90 @ 50 000h
 non DIM, DALI-2
 opal, microprismatic (UGR ≤ 19)

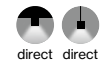
Types



Colours



Light distributions



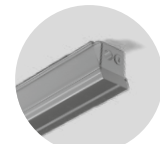
DiiA® standards
251, 252, 253



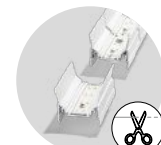
single luminaire
(p.544)



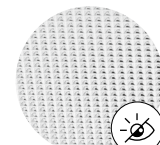
wallwasher
inset (p.944)



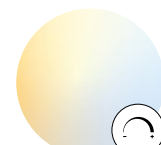
concrete install.
housing (p.946)



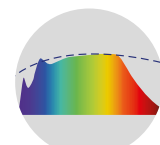
flexible
inset



microprismatic
UGR ≤ 19



tunable white
2700–6500 K



CRI ≥ 98
XPECTRUM

Order options

LED TYPE	
mid lumen	L
high lumen	M

COLOUR TEMPERATURE	
3000 K (CRI ≥ 90)	0
4000 K (CRI ≥ 90)	1
3000 K (CRI ≥ 80)	5
4000 K (CRI ≥ 80)	6
tunable white 2700–6500 K*	

*DALI-2 DT8

CONTROL	
non DIM	1
DALI-2 (only high lumen)	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	H
microprismatic	Z
microprismatic (UGR ≤ 19)*	G
blind cover only for corner 90°	B

*UGR ≤ 19 only with mid lumen

EMERGENCY LIGHT	
1h Accupack	1
3h Accupack	3

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 98 XPECTRUM	

CONNECTORS	
X- and T-connector	

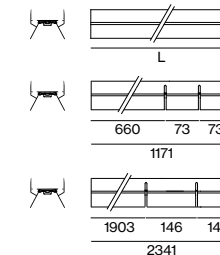
LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, cover opal microprismatic -13%

MINO 60 ceiling / suspended



INSTALLATION CHANNEL / CORNER 90°			ORDER CODE
TYPE	L (mm)		
channel	1172		046-400401
channel	1472		046-400501
channel	3000		046-400901
channel	custom		E85031
channel corner 90° + cover	150x150		046-401121

LIGHT OPTIC COVER / BLIND COVER			ORDER CODE
TYPE	L (mm)		
linear	1171		006-16122
linear	1470		006-16152
linear	2997		006-16302
linear	custom		E80630
continuous linear	6000		006-23061H
continuous linear	25000		006-23251H
blind cover	3000		006-1830
blind cover	custom		E80630



LIGHT INSET 60			ORDER CODE
SYSTEM POWER (MID / HIGH LUMEN)	L (mm)		
8.7 / 13.8 W	571		007-932
13 / 20.6 W	871		007-933
15.3 / 27.5 W	1171		007-934
19.2 / 34 W	1463		007-935
31 / 55 W	2341		007-938
38 / 68 W	2997		007-939
15.3 / 27.5 W flex	660-1171		007-93F
31 / 55 W flex	1903-2341		007-93G

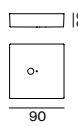
COVER	COLOUR TEMP.	SYSTEM POWER	DELIVERED LUMENS	EFFICACY
mid lumen / opal	3000 K	14 W/m	1540 lm/m	118 lm/W
high performance	4000 K		1640 lm/m	125 lm/W
high lumen / opal	3000 K	24 W/m	2540 lm/m	110 lm/W
high performance	4000 K		2700 lm/m	116 lm/W

LIGHT INSET 60 tunable white 2700–6500 K			ORDER CODE
SYSTEM POWER	L (mm)		
21.7 W	871		007-9333D37
29 W	1171		007-9334D37
36 W	1463		007-9335D37
58 W	2341		007-9338D37

Accessories



END CAPS		ORDER CODE
TYPE		
end caps (pair)		046-501001

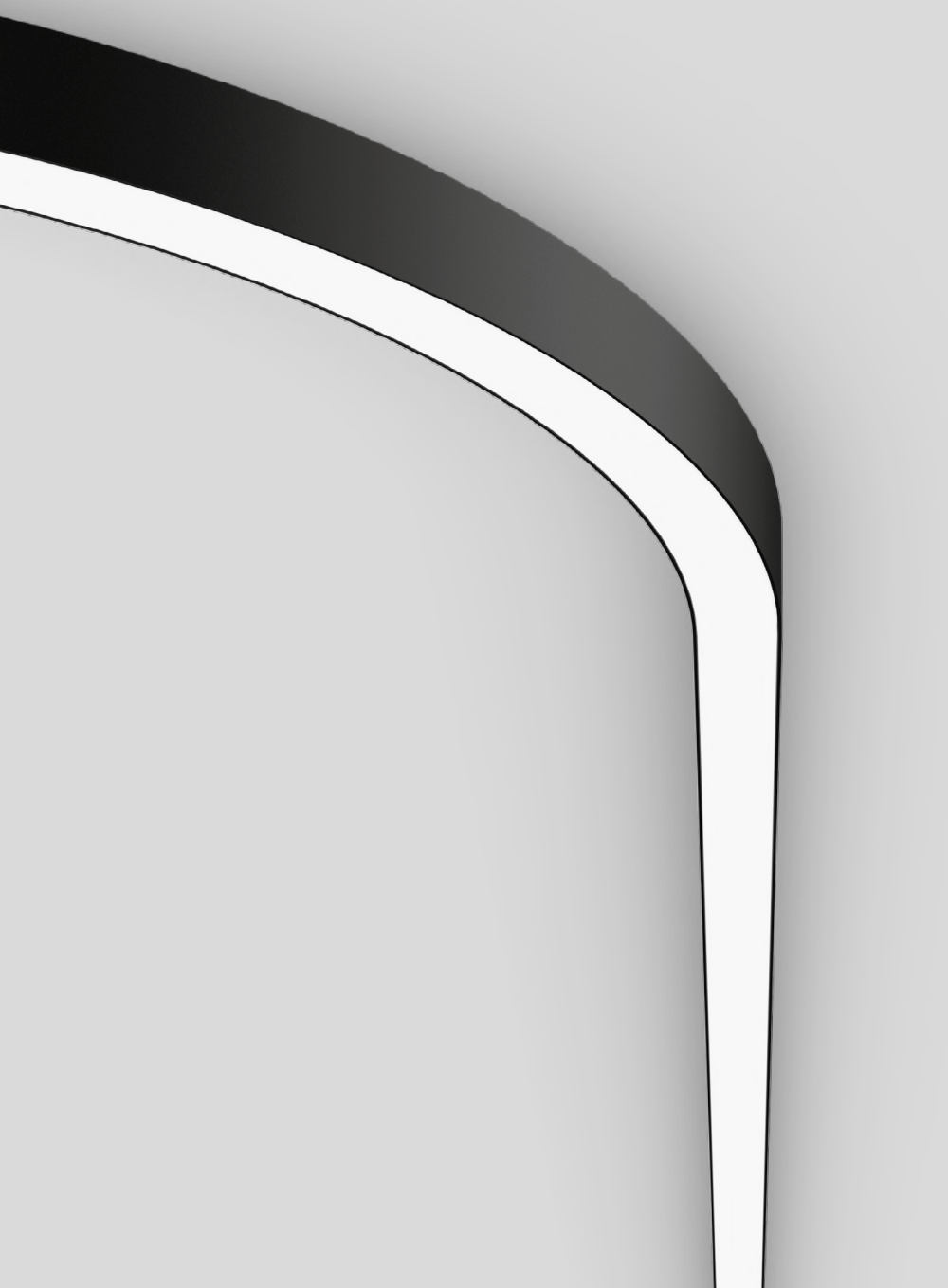


LINEAR CONNECTOR / THROUGH WIRE		ORDER CODE
TYPE		
linear connector (1 piece)		005-40046
linear connector (10 pieces)		005-40046.10
opal cover linear connector		006-14000
through wire 3 × 1.5 mm ² (non DIM, 10 pieces)		004-90003
through wire 5 × 1.5 mm ² (DALI-2, 10 pieces)		004-90005

CEILING CLIP / CABLE SUSPENSION / CANOPY		ORDER CODE
TYPE	L (mm)	
ceiling clip	10	034-11636
cable suspension	1500	005-2122110
canopy / feeder cable 3 × 1.5 mm ²	1500	005-221231
canopy / feeder cable 5 × 1.5 mm ²	1500	005-221241
cable rail	1200	005-2491110

for electrical system configuration see luminaire data sheet at xal.com

← back



MINO 60 CURVE system

ceiling / suspended

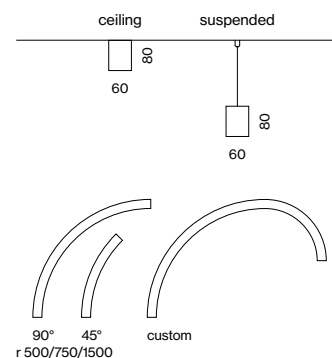
EN Circular segment of rolled aluminium profile, angular design, seamlessly welded; no visible screws; for lighting systems; powder coated; luminaire profile for mounting available in advance; remaining components mounted without tools; pendant fitting with cable suspension; height adjustment without tools; spring clip attachment to the luminaire; freely positionable; with transparent feeder cable; light inset consisting of highly reflective coated die-cast aluminium 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-eff. LEDs – very good colour rendering

FR Segment rond en profil d'aluminium roulé, version arête, soudé sans trace visible ; aucune vis visible ; pour les systèmes d'éclairage ; thermolaquée ; Profilé de luminaire pour montage livrable avant ; composants restants montable sans outil ; suspension par câble ; réglage en hauteur sans outil ; fixation au luminaire au moyen de clips à ressort ; positionnement libre ; conduit d'alimentation transparent inclus ; élément lumineux composé d'aluminium moulé laqué hautement réfléchissant pour une gestion thermique améliorée ; cache HPO (High Performance Opal) pour éclairage homogène ; cache PMMA microprismatique, avec film diffusant inclus pour réduire la brillance avec un éclairage homogène ; LED à haut rend. énerg. – excellent rendu coul.

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 up to 2850 lm/m
 up to 125 lm/W
 L90 @ 50 000h
 non DIM, DALI-2
 opal, microprismatic

Types



Colours



Light distributions



Order options

LED TYPE
 mid lumen 4
 high lumen 5

COLOUR TEMPERATURE
 3000K 5
 4000K 6

CONTROL
 non DIM 1
 DALI-2 (only high lumen) 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 H
 microprismatic Z

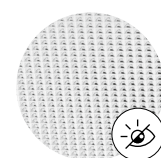
Options on request

COLOUR RENDERING INDEX
 CRI ≥ 90
 CRI ≥ 98 XPECTRUM

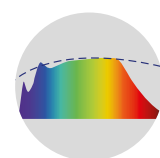
LIGHT OPTIC COVER
 microprismatic (UGR ≤ 19)



DiiA® standards
 251, 252, 253



microprismatic
 UGR ≤ 19



CRI ≥ 98
 XPECTRUM

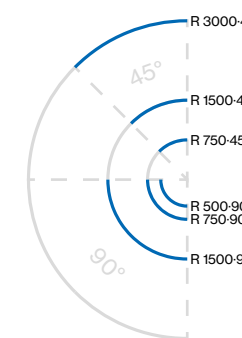
LUMINOUS FLUX value calculated for
 CRI ≥ 80, colour white, cover opal
 microprismatic -13%

MINO 60 CURVE ceiling/suspended



INSTALLATION CHANNEL + LIGHT INSET + LIGHT OPTIC COVER

SYSTEM POWER (MID/HIGH LUMEN)	R (mm)	ORDER CODE
12.8 / 16.3 W	500-90°	034-09 5 5
10.2 / 12.8 W	750-45°	034-09 0 3
18.1 / 26.1 W	750-90°	034-09 1 1
18.1 / 26.1 W	1500-45°	034-09 2 2
36 / 52 W (2×DALI)	1500-90°	034-09 3 3
36 / 52 W (2×DALI)	3000-45°	034-09 4 4



COVER	COLOUR TEMP.	SYSTEM POWER	DELIVERED LUMENS	EFFICACY
mid lumen / opal	3000 K	16 W/m	1780 lm/m	116 lm/W
high performance	4000 K		1880 lm/m	122 lm/W
high lumen / opal	3000 K	22 W/m	2420 lm/m	110 lm/W
high performance	4000 K		2560 lm/m	116 lm/W

Accessories

END CAPS

TYPE	ORDER CODE
end caps (pair)	034-090201

LINEAR CONNECTOR

TYPE	ORDER CODE
linear to curve profile	005-40159
curve to curve profile	005-40158
opal cover linear connector	006-14000

CEILING CLIP / CABLE SUSPENSION / CANOPY

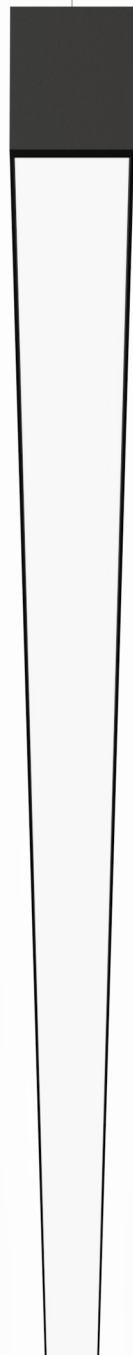
TYPE	L (mm)	ORDER CODE
ceiling clip	10	034-11636
cable suspension	1500	005-2122110
canopy / feeder cable 3 × 1.5 mm ²	1500	005-2212311
canopy / feeder cable 5 × 1.5 mm ²	1500	005-2212411
cable rail	1200	005-2491110

for electrical system configuration see luminaire data sheet at xal.com

THROUGH WIRE

TYPE	ORDER CODE
3 × 1.5 mm ² (non DIM, 10 pieces)	004-90003
5 × 1.5 mm ² (DALI-2, 10 pieces)	004-90005

← back



MINO 60 direct/indirect system

ceiling/suspended

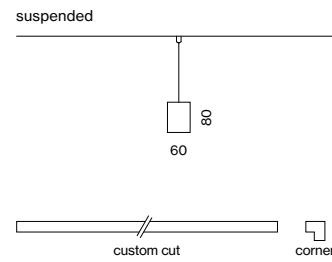
EN Luminaire housing from extruded aluminium profile, angular design; direct/indirect light distribution; no visible screws; designed for continuous lighting systems; surface powder coated; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; spring clip attachment to the luminaire; freely positionable; incl. transparent feed; 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

FR Corps de luminaire en profil extrudé en alu, version arête ; caractéristique de rayonnement direct/indirect ; aucune vis visible ; conçu pour système d'éclairage continu ; surface thermolaquée ; suspension par câble ; réglage en hauteur sans outil au luminaire ; fixation au luminaire au moyen de clips à ressort ; positionnement libre ; incl. conduit d'alimentation transparent ; élément lumineux composé de profilé extrudé laqué hautement réfléchissant pour une gestion thermique améliorée ; cache HPO (High Performance Opal) pour éclairage homogène ; cache PMMA microprismatique, avec film diffusant inclus pour réduire la brillance avec un éclairage homogène ; LED économes en énergie à restitution de couleur élevée

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 up to ↓ 2470 / ↑ 1610 lm/m
 up to 120 lm/W
 L90 @ 50 000h
 non DIM, DALI-2
 opal, microprismatic (UGR ≤ 19)

Types



Colours



Light distributions



Order options

LED TYPE

mid lumen	1
high lumen	2

COLOUR TEMPERATURE

3000K	5
4000K	6

CONTROL

non DIM	1
DALI-2 (only high lumen)	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	H
microprismatic (UGR ≤ 19)	Z

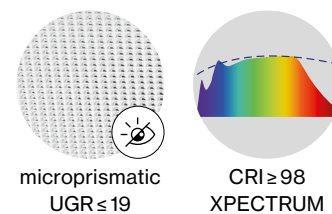
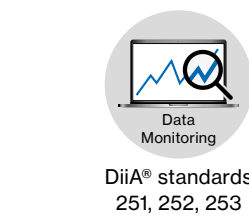
Options on request

COLOUR RENDERING INDEX

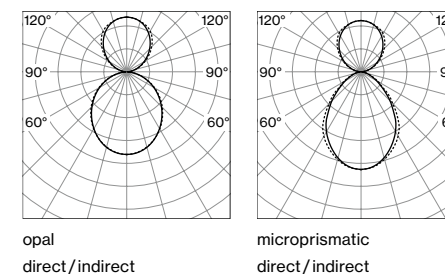
CRI ≥ 90	
CRI ≥ 98 XPECTRUM	

CHANNEL LENGTH

3000mm	
--------	--

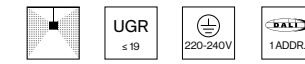


Light distributions



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

MINO 60 direct/indirect suspended



INSTALLATION CHANNEL + LIGHT INSET + LIGHT OPTIC COVER

SYSTEM POWER (MID/HIGH LUMEN)	L (mm)	ORDER CODE
20.1W/31W	872	046-503
26.8W/41W	1172	046-504
34W/51W	1464	046-505
40W/62W	1756	046-506
54W/82W	2344	046-508
26.8W corner / mid lumen	625x625	046-5051
42W corner / high lumen	625x625	046-5061

COVER	COLOUR TEMP.	SYSTEM POWER	DIRECT LUMENS	INDIRECT LUMENS	EFFICACY
mid lumen/	3000K	22W/m	1490lm/m	950lm/m	113lm/W
opal high p.	4000K		1440lm/m	1010lm/m	120lm/W
high lumen/	3000K	35W/m	2330lm/m	1520lm/m	108lm/W
opal high p.	4000K		2470lm/m	1610lm/m	115lm/W

BLIND CHANNEL / BLIND COVER

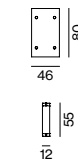
blind channel	custom	E 8 5 0 3 1
blind cover	custom	E 8 0 6 3 0

Accessories



END CAPS

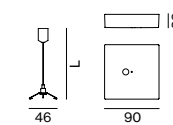
TYPE	ORDER CODE
end caps (pair)	046-501001



LINEAR CONNECTOR

TYPE	ORDER CODE
linear connector (1 piece)	005-40046
linear connector (10 pieces)	005-40046.10
opal cover linear connector	006-14000

CABLE SUSPENSION / CANOPY



TYPE	L (mm)	ORDER CODE
cable suspension	1500	005-2122110
canopy / feeder cable 3 × 1.5 mm ²	1500	005-221231
canopy / feeder cable 5 × 1.5 mm ²	1500	005-221241
cable rail	1200	005-2491110

for electrical system configuration see luminaire data sheet at xal.com

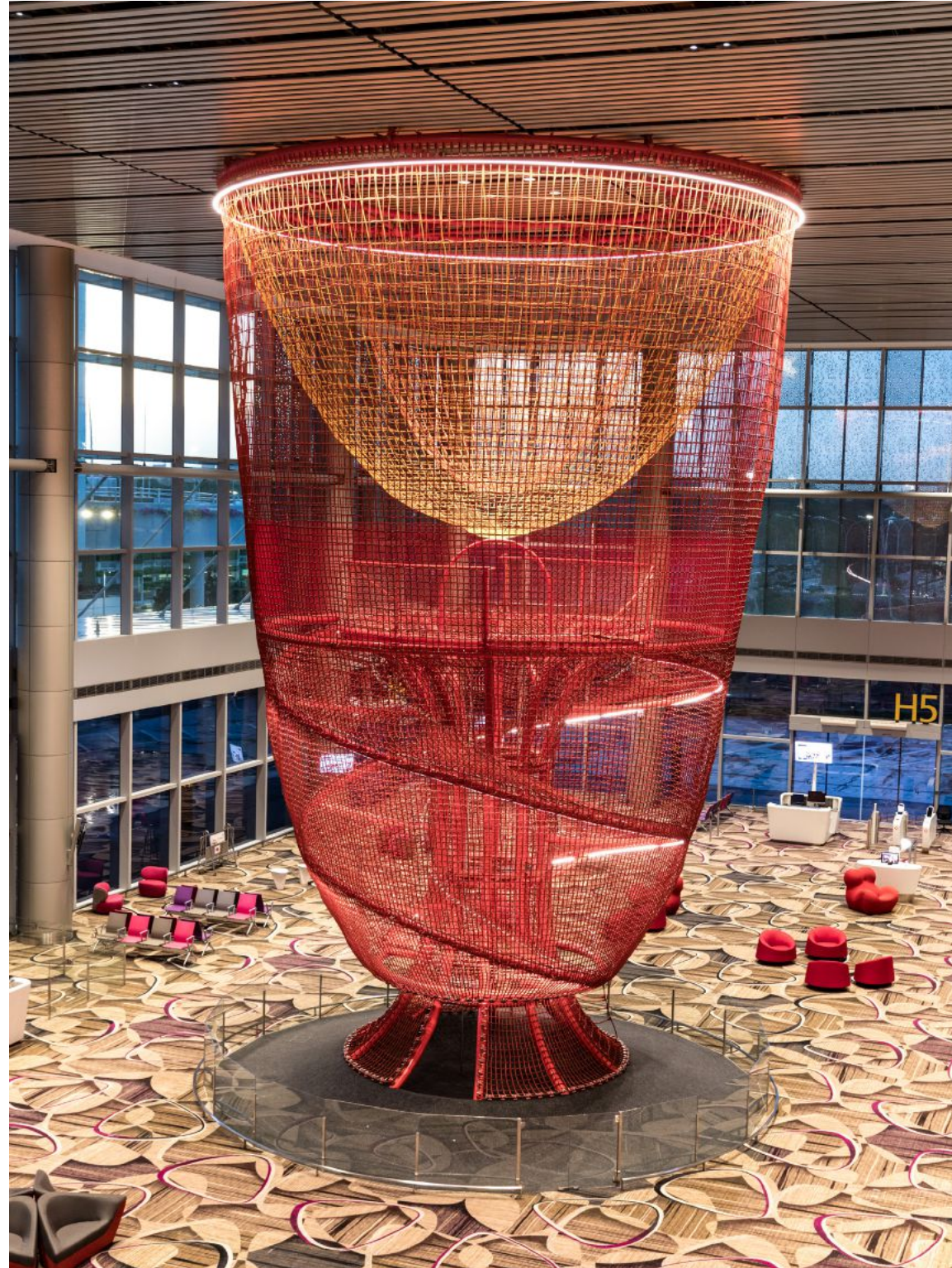
THROUGH WIRE

TYPE	ORDER CODE
3 × 1.5 mm ² (non DIM, 10 pieces)	004-90003
5 × 1.5 mm ² (DALI-2, 10 pieces)	004-90005



Feucht Mode Innsbruck, AT –
by blocher partners with lighting design
by Hallight Lichtplanung, Andreas Haidegger

Airport Singapore T4 Terminal
Singapore, SG – by Snohetta



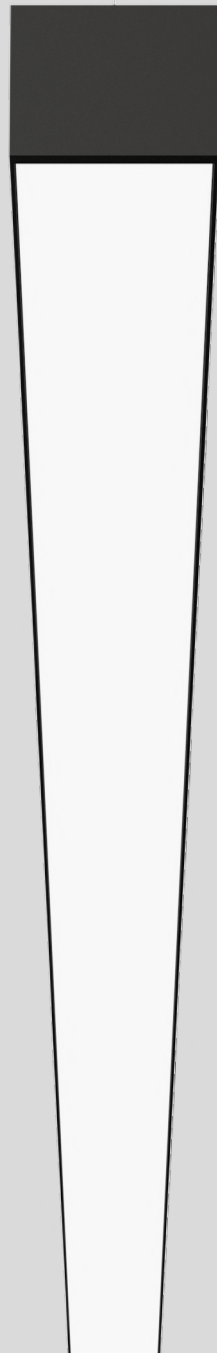


Novo Nordisk Zurich, CH

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



← back



MINO 100 system

ceiling / suspended

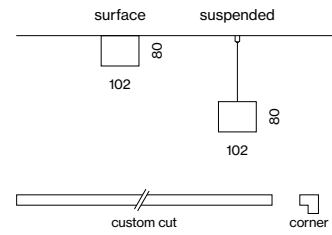
EN Luminaire housing from extruded aluminium profile, angular design; no visible screws; for lighting systems; powder coated; luminaire profile for mounting available in advance; remaining components mounted without tools; pendant fitting with cable suspension; height adjustment without tools; spring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

FR Corps de luminaire en profil extrudé en aluminium, version arête ; aucune vis visible ; pour les systèmes d'éclairage ; thermolaquée ; Profilé de luminaire pour montage livrable avant ; composants restants montable sans outil ; suspension par câble ; réglage en hauteur sans outil ; fixation au luminaire au moyen de clips à ressort ; conduit d'alimentation transparent inclus ; élément lumineux composé de profilé extrudé laqué hautement réfléchissant pour une gestion thermique améliorée ; en option module d'éclairage raccourcissable de manière flexible ; cache HPO (High Performance Opal) pour éclairage homogène ; cache PMMA microprismatique, avec film diffusant inclus pour réduire la brillance avec un éclairage homogène ; module d'éclairage wallwasher ; LED à haut rend. énerg. – excellent rendu coul.

Quickinfo

3000K, 4000K, TW
 CRI ≥ 80, CRI ≥ 90, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 3090 lm/m
 up to 140 lm/W
 L90 @ 50 000h
 non DIM, DALI-2
 opal, microprismatic (UGR ≤ 19)

Types



Colours



Light distributions



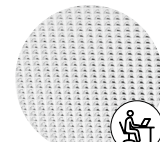
DiiA® standards
251, 252, 253



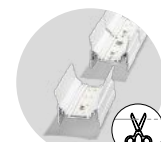
single luminaire
(p.552)



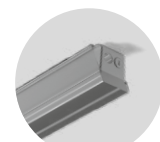
wallwasher
inset (p.944)



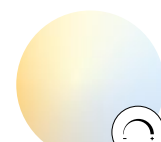
DIN EN 12464-1
UGR ≤ 19



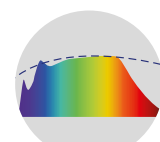
flexible
inset



concrete install.
housing (p.946)



tunable white
2700–6500K



CRI ≥ 98
XPECTRUM

Order options

LED TYPE	
mid lumen	L
high lumen	M

COLOUR TEMPERATURE	
3000K (CRI ≥ 90)	0
4000K (CRI ≥ 90)	1
3000K (CRI ≥ 80)	5
4000K (CRI ≥ 80)	6
tunable white 2700–6500K*	

*DALI-2 DT8

CONTROL	
non DIM	1
DALI-2 (only high lumen)	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	H
microprismatic	Z
microprismatic (UGR ≤ 19)*	G
blind cover**	B

*UGR ≤ 19 only with mid lumen
 **only for channel corner 90°

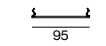
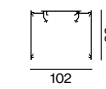
EMERGENCY LIGHT	
1h Accupack	N L 1
3h Accupack	N L 3

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 98 XPECTRUM	

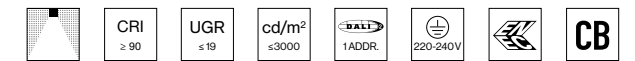
LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, cover opal microprism. Z -8%, microprism. G -10%

MINO 100 ceiling /suspended



INSTALLATION CHANNEL /CORNER 90°	L (mm)	ORDER CODE
channel	1172	034-0126
channel	1472	034-0156
channel	3000	034-0306
channel	custom	E85050
channel corner 90° + cover	200x200	034-1266

LIGHT OPTIC COVER /BLIND COVER	L (mm)	ORDER CODE
linear	1171	006-12122
linear	1470	006-12152
linear	2997	006-12302
linear	custom	E80650
blind cover	3000	006-1130
blind cover	custom	E80650



LIGHT INSET 100	L (mm)	ORDER CODE
SYSTEM POWER (MID/HIGH LUMEN)		
8.7/13.8W	571	007-862
13/20.6W	871	007-863
15.3/27.5W	1171	007-864
19.2/34W	1463	007-865
31/55W	2341	007-868
38/68W	2997	007-869
15.3/27.5W flex	660-1171	007-86F
31/55W flex	1903-2341	007-86G

COVER	COLOUR TEMP.	SYSTEM POWER	DELIVERED LUMENS	EFFICACY
mid lumen/opal	3000K	14 W/m	1770 lm/m	132 lm/W
high performance	4000K		1870 lm/m	140 lm/W
high lumen/opal	3000K	24 W/m	2920 lm/m	123 lm/W
high performance	4000K		3090 lm/m	130 lm/W

LIGHT INSET 100 tunable white 2700–6500K	L (mm)	ORDER CODE
SYSTEM POWER		
21.7W	871	007-8633D37
29W	1171	007-8634D37
36W	1463	007-8635D37
58W	2341	007-8638D37

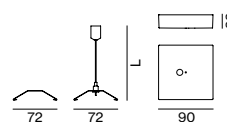
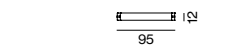
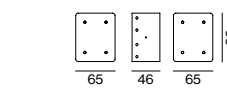
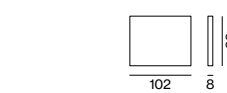
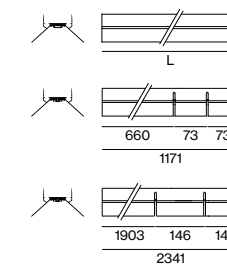
Accessories

END CAPS	ORDER CODE
TYPE	
end caps (pair)	034-1306

LINEAR CONNECTOR / THROUGH WIRE	ORDER CODE
TYPE	
linear connector (1 piece)	005-40066
linear connector (10 pieces)	005-40066.10
opal cover linear connector	006-10000
through wire 3 × 1.5 mm² (non DIM, 10 pieces)	004-90003
through wire 5 × 1.5 mm² (DALI-2, 10 pieces)	004-90005

CEILING CLIP /CABLE SUSPENSION /CANOPY	L (mm)	ORDER CODE
TYPE		
ceiling clip	10	034-11836
cable suspension	1500	005-2132110
canopy/feeder cable 3 × 1.5 mm²	1500	005-221231
canopy/feeder cable 5 × 1.5 mm²	1500	005-221241
cable rail	1200	005-2491110

for electrical system configuration see luminaire data sheet at xal.com





Office Amazon Prague, CZ –
by HLW with lighting design by U1 lighting

**Compound Semiconductor
Applications Catapult**
South Wales, UK –
by Monteith Scott



Adjust your profile system

BASO IP54 system

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 $CRI \geq 90$ and can be selected with a dark grey or white housing and in two light colours (3000 K and 4000 K).

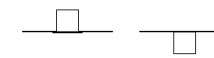
FR BASO IP54 est un luminaire profilé puissant, spécialement adapté aux conditions ambiantes exigeantes : extérieur de bâtiments publics et pièce humide. Sans oublier une protection accrue contre les poussières et insectes (IP54). Baso IP54 est disponible en luminaire simple ou en système à composé soit même. Facile à monter il est conçu pour des utilisations, encastré, en plafonnier et mural. Un diffuseur opale assure un éclairage homogène. De plus, ce luminaire dispose d'un rendu des couleurs jusqu'à $CRI \geq 90$ et peut être choisi avec une finition gris foncé ou blanc ainsi qu'en deux températures de couleurs (3000 K et 4000 K).

Type



60

Mountings

trim
recessed

surface

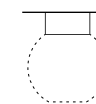
Configurations



linear

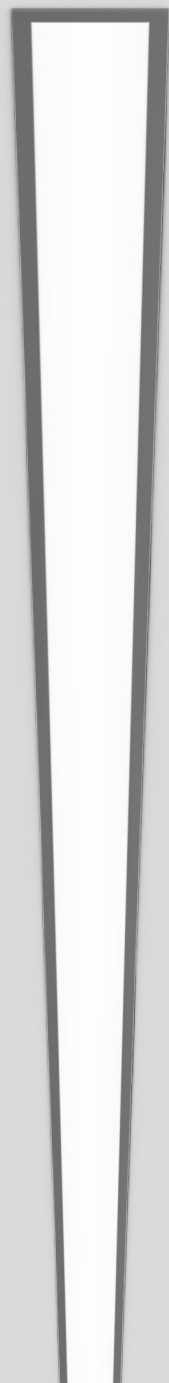
corner

Light distribution



opal

← back



BASO 60 IP54 system

recessed with trim

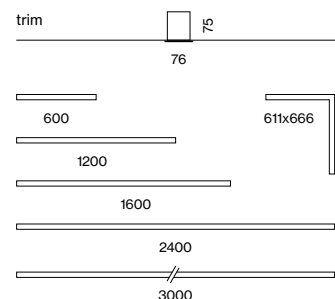
EN Luminaire housing made of extruded aluminium; recessed luminaire with trim; suitable for ceiling thickness of 8-20 mm; surface powder coated; suitable for wall or ceiling mounting; luminaire profile (end caps come pre-assembled) can be pre-mounted; remaining luminaire components mounted without tools; 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; IP 67 socket connector system for easy and sealed electrical connection

FR Corps de luminaire en profil extrudé en aluminium; luminaire encastré avec bord continu; pour systèmes d'éclairage continus; convient aux épaisseurs de plafond de 8-20 mm; surface thermolaquée; convient au montage mur ou plafond; profilé de luminaire pouvant être monté à l'avance; composants restants du luminaire montable sans outil; module d'éclairage fermé en PMMA, composé d'un convertisseur et d'un circuit imprimé; module d'éclairage avec capuchon vissé et transparent en PMMA, et par conséquent d'entretien facile; cache HPO (High Performance Opal) pour éclairage homogène; LED économes en énergie à restitution de couleur élevée; Système de prise IP67 pour branchement électrique hermétique

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 up to 2340 lm/m
 up to 125 lm/W
 L90 @ 50 000h
 DALI-2
 opal, IP 54

Types



Colours



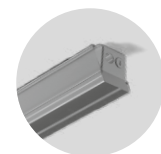
Light distribution



direct



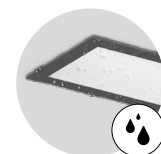
quick installation



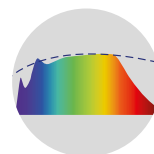
concrete install. housing (p.946)



single luminaire (p.558)



dust & splash water protection (IP54)



CRI ≥ 98 XPECTRUM

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL

DALI-2

MATERIAL COLOUR

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

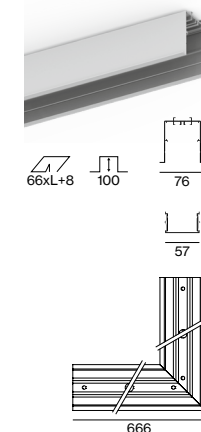
LIGHT OPTIC COVER

opal high performance

Options on request

COLOUR RENDERING INDEX

CRI ≥ 90

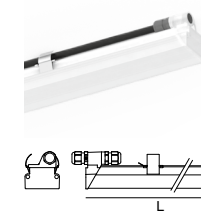


BASO 60 IP54 trim

INSTALLATION CHANNEL / CORNER 90° / BLIND COVER

TYPE	L (mm)	ORDER CODE
channel	600	845-340201
channel	1200	845-340401
channel	1600	845-340501
channel	2400	845-340801
channel	3000	845-340901
corner connector 90°	611x666	845-341121
blind cover	600	006-330601
blind cover	1200	006-331201
blind cover	1600	006-331601
blind cover	2400	006-332401
blind cover	3000	006-333001

order installation channel, light inset + mounting accessories separately



LIGHT INSET 60 IP54

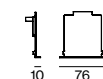


SYSTEM POWER	L (mm)	ORDER CODE
11.2W start/run	599	845-4042::30H
22.4W start/run	1198	845-4044::30H
29.9W start/run	1597	845-4045::30H
45W start/run	2396	845-4048::30H
11.2W end	599	845-4052::30H
22.4W end	1198	845-4054::30H
29.9W end	1597	845-4055::30H
45W end	2396	845-4058::30H

COVER	COLOUR TEMP.	SYSTEM POWER	DELIVERED LUMENS	EFFICACY
opal high performance	3000K	18.8W/m	2210lm/m	118lm/W
	4000K	18.8W/m	2340lm/m	124lm/W

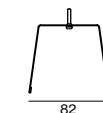
Accessories

END CAPS



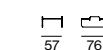
TYPE	ORDER CODE
end caps (pair)	845-341001

MOUNTING BRACKET



TYPE	ORDER CODE
mounting bracket (1 piece)	045-3412010
mounting bracket (10 pieces)	045-3412010.10

LINEAR CONNECTOR



TYPE	ORDER CODE
linear connector (1 piece)	045-4011110
linear connector (10 pieces)	045-4011110.10

FEEDER CABLE / EXTENSION CABLE / CONNECTOR

TYPE	L (mm)	ORDER CODE
feeder cable 2x1.5+2x0.75 mm ²	2000	845-4013240
feeder cable 2x1.5+2x0.75 mm ²	4000	845-4013440
extension cable 2x1.5+2x0.75 mm ²	1200	845-4014140
mini connector 4-pole	-	845-4013040

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

SNS Headquarters
Moscow, RU –
by ABD Architects with lighting
design by Light & Design



← back



BASO 60 IP54 system surface

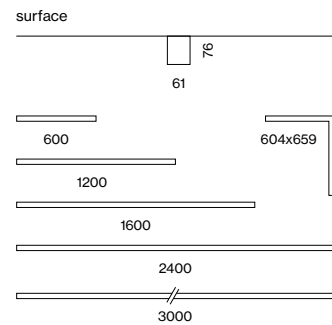
EN Luminaire housing from extruded aluminium profile, angular design; light-tight end caps in aluminium, no visible screws; surface powder coated; suitable for wall or ceiling mounting; luminaire profile (end caps come pre-assembled) can be pre-mounted; remaining luminaire components mounted without 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

FR Corps de luminaire en profil extrudé en alu, version arête ; couvercle final en aluminium fermeture étanche à la lumière, aucune vis visible ; pour systèmes d'éclairage continus ; surface thermolaquée ; convient au montage mur ou plafond ; profilé de luminaire pouvant être monté à l'avance ; composants restants du luminaire montable sans outil ; module d'éclairage fermé en PMMA, composé d'un convertisseur et d'un circuit imprimé ; module d'éclairage avec capuchon vissé et transparent en PMMA, et par conséquent d'entretien facile ; cache HPO (High Performance Opal) pour éclairage homogène ; LED économes en énergie à restitution de couleur élevée ; Système de prise IP67 pour branchement électrique hermétique

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 up to 2340lm/m
 up to 125lm/W
 L90 @ 50 000h
 DALI-2
 opal, IP 54

Types



Colours



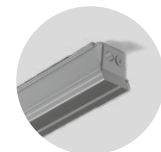
Light distribution



direct



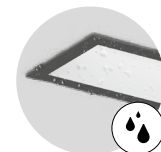
quick installation



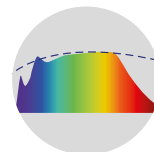
concrete install. housing (p.946)



single luminaire (p.558)



dust & splash water protection (IP54)



CRI ≥ 98 XPECTRUM

Order options

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

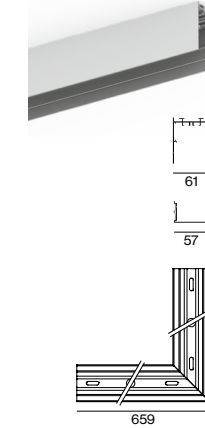
Options on request

COLOUR RENDERING INDEX

CRI ≥ 90

MOUNTING

concrete installation housing

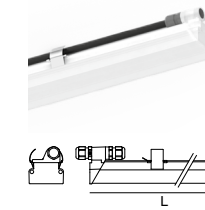


BASO 60 IP54 surface

INSTALLATION CHANNEL / CORNER 90° / BLIND COVER

TYPE	L (mm)	ORDER CODE
channel	600	845-400201
channel	1200	845-400401
channel	1600	845-400501
channel	2400	845-400801
channel	3000	845-400901
corner connector 90°	604x659	845-401121
blind cover	600	006-330601
blind cover	1200	006-331201
blind cover	1600	006-331601
blind cover	2400	006-332401
blind cover	3000	006-333001

order installation channel, light inset + mounting accessories separately



LIGHT INSET 60 IP54



SYSTEM POWER	L (mm)	ORDER CODE
11.2W start/run	599	845-4042::30H
22.4W start/run	1198	845-4044::30H
29.9W start/run	1597	845-4045::30H
45W start/run	2396	845-4048::30H
11.2W end	599	845-4052::30H
22.4W end	1198	845-4054::30H
29.9W end	1597	845-4055::30H
45W end	2396	845-4058::30H

COVER	COLOUR TEMP.	SYSTEM POWER	DELIVERED LUMENS	EFFICACY
opal high performance	3000K	18.8W/m	2210lm/m	118lm/W
	4000K	18.8W/m	2340lm/m	124lm/W

Accessories

END CAPS



TYPE	ORDER CODE
end caps (pair)	845-401001

LINEAR CONNECTOR



TYPE	ORDER CODE
linear connector (1 piece)	045-4011110
linear connector (10 pieces)	045-4011110.10

FEEDER CABLE / EXTENSION CABLE / CONNECTOR

TYPE	L (mm)	ORDER CODE
feeder cable 2x1.5+2x0.75 mm ²	2000	845-4013240
feeder cable 2x1.5+2x0.75 mm ²	4000	845-4013440
extension cable 2x1.5+2x0.75 mm ²	1200	845-4014140
mini connector 4-pole	-	845-4013040

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

Sekundarschule Petermoos
Zurich, CH – by Itten+Brechbühl
AG, Christina Hamming
including lighting design



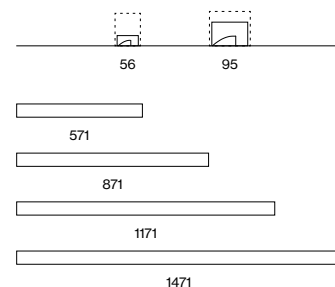
← back



Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 up to 96lm/W
 L80 @ 50000h
 non DIM, DALI-2

Types



Colours



Light distribution



WALLWASHER

inset 60/100

EN Lighting module with specially computed, asymmetrical high gloss reflector for homogeneous vertical lighting; lighting module in aluminium, powder coated, installation without tools

FR Module d'éclairage avec réflecteur haute brillance asymétrique, spécialement calculé pour un éclairage vertical homogène ; module d'éclairage en aluminium thermolaqué, installation sans outil

Order options

COLOUR TEMPERATURE

3000K	5
4000K	6

CONTROL

non DIM	1
DALI-2	3

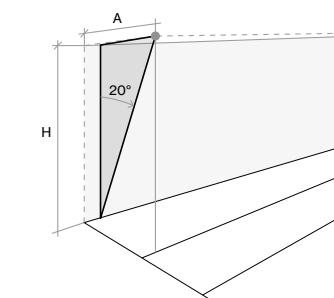
MATERIAL COLOUR

<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

wallwasher

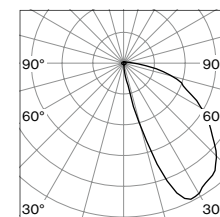
Planning information



MOUNTING DISTANCE

H (mm)	A (mm)
2750	900
3000	1000
3500	1200

Light distribution



asymmetric

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



INSET 60 wallwasher

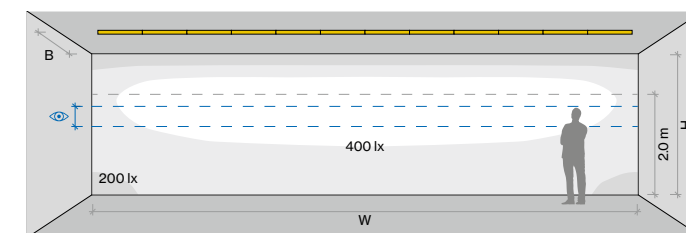


LIGHT INSET only for recessed or surface mounting

SYSTEM POWER	L (mm)	ORDER CODE
10.6 W	571	007-9042
14 W	871	007-9043
18.7 W	1171	007-9044
28 W	1471	007-9045

Technical data

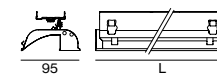
SYSTEM POWER	COLOUR TEMPERATURE	DELIVERED LUMENS	EFFICACY
17 W/m	3000K	1960 lm/m	121 lm/W
	4000K	2070 lm/m	128 lm/W



INSET 60 wallwasher, 18.7W, 3000K

CALCULATION SURFACE
 Surface dimensions 10.8 × 2.8 m
 Surface height 0 – 2.8 m
 Eye level 1.35 m – 1.75 m

ROOM VALUES
 Wall dimensions H = 2.8 m | W = 10.8 m
 Distance to wall B = 1.3 m
 Distance between luminaires continuous
 Reflection factor 0.7 | 0.5 | 0.2
 Maintenance factor 0.8



INSET 100 wallwasher



LIGHT INSET

SYSTEM POWER	L (mm)	ORDER CODE
20 W	571	007-9052
30 W	871	007-9053
40 W	1171	007-9054
51 W	1463	007-9055

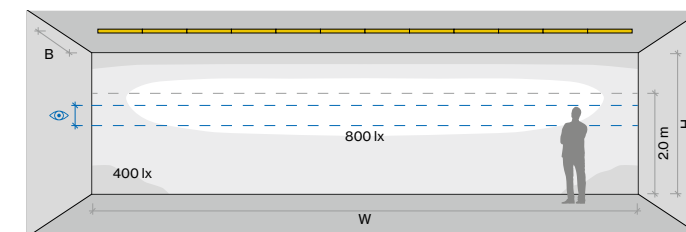
CABLE SUSPENSION

TYPE	L (mm)	ORDER CODE
inset 100 wallwasher	1500	005-2132310

installation channel is required for mounting

Technical data

SYSTEM POWER	COLOUR TEMPERATURE	DELIVERED LUMENS	EFFICACY
35 W/m	3000K	2820 lm/m	82 lm/W
	4000K	2990 lm/m	87 lm/W



INSET 100 wallwasher, 30W, 3000K

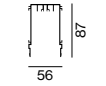
CALCULATION SURFACE
 Surface dimensions 10.8 × 2.8 m
 Surface height 0 – 2.8 m
 Eye level 1.35 m – 1.75 m

ROOM VALUES
 Wall dimensions H = 2.8 m | W = 10.8 m
 Distance to wall B = 1.3 m
 Distance between luminaires continuous
 Reflection factor 0.7 | 0.5 | 0.2
 Maintenance factor 0.8

← back

Order options

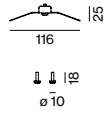
NUMBER OF PIECES	
2 pieces	2
3 pieces	3



FRAME 40/MINO 40

HOUSING FOR CONCRETE INSTALLATION

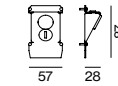
TYPE	L (mm)	ORDER CODE
FRAME 40 trim	3010	0 0 5 - 4 1 3 5 6
MINO 40	3010	0 0 5 - 4 1 3 5 6



MOUNTING SET

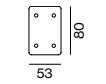
TYPE	ORDER CODE
FRAME 40 trim	0 3 5 - 0 6 0 2
MINO 40	0 3 4 - 0 6 0 2

up to 900 mm: 2 pieces / up to 1500 mm: 3 pieces / up to 3000 mm: 2 x 2 pieces



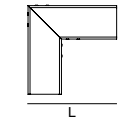
END CAPS

TYPE	ORDER CODE
end caps (pair)	0 0 5 - 4 1 2 3 6



LINEAR CONNECTOR

TYPE	ORDER CODE
linear connector (1 piece)	0 0 5 - 4 1 1 6 6
linear connector (10 pieces)	0 0 5 - 4 1 1 6 6 . 1 0



CORNER CONNECTOR 90°

TYPE	L (mm)	ORDER CODE
FRAME 40 trim	140	0 3 5 - 0 6 0 1 6
MINO 40	140	0 3 5 - 0 6 0 1 6

Order options

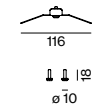
NUMBER OF PIECES	
2 pieces	2
3 pieces	3



FRAME 60/MINIMAL 60/MINO 60/BASO 60

HOUSING FOR CONCRETE INSTALLATION

TYPE	L (mm)	ORDER CODE
FRAME 60 trim	3000	0 0 5 - 4 1 3 4 6
BASO 60 IP54 trim	3000	0 0 5 - 4 1 3 4 6
MINIMAL 60 trimless	3000	0 0 5 - 4 1 3 4 6
MINO 60 ceiling	3000	0 0 5 - 4 1 4 4 6
BASO 60 IP54 surface	3000	0 0 5 - 4 1 4 4 6



MOUNTING SET

TYPE	ORDER CODE
FRAME 60 trim	0 3 5 - 0 6 0 0
BASO 60 IP54 trim	0 3 5 - 0 6 0 0
MINIMAL 60 trimless	0 3 6 - 0 4 0 0
MINO 60 ceiling	0 3 4 - 0 4 0 0
BASO 60 IP54 surface	0 3 4 - 0 4 0 0

up to 900 mm: 2 pieces / up to 1500 mm: 3 pieces / up to 3000 mm: 2 x 2 pieces



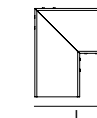
END CAPS

TYPE	ORDER CODE
end caps (pair)	0 0 5 - 4 1 2 4 6



LINEAR CONNECTOR

TYPE	ORDER CODE
linear connector (1 piece)	0 0 5 - 4 1 1 6 6
linear connector (10 pieces)	0 0 5 - 4 1 1 6 6 . 1 0



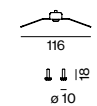
CORNER CONNECTOR 90°

TYPE	L (mm)	ORDER CODE
FRAME 60 trim	142	0 3 5 - 0 4 0 1 6
BASO 60 IP54 trim	142	0 3 5 - 0 4 0 1 6
MINIMAL 60 trimless	146	0 3 6 - 0 4 0 1 6
MINO 60 ceiling	157	0 3 4 - 0 4 0 1 6
BASO 60 IP54 surface	157	0 3 4 - 0 4 0 1 6

FRAME 100/MINIMAL 100/MINO 100

HOUSING FOR CONCRETE INSTALLATION

TYPE	L (mm)	ORDER CODE
FRAME 100 trim	3000	0 0 5 - 4 1 3 6 6
MINIMAL 100 trimless	3000	0 0 5 - 4 1 3 6 6
MINO 100 ceiling	3000	0 0 5 - 4 1 4 6 6



MOUNTING SET

TYPE	ORDER CODE
FRAME 100 trim	0 3 5 - 0 6 0 0
MINIMAL 100 trimless	0 3 6 - 0 5 0 0
MINO 100 ceiling	0 3 4 - 0 4 0 0

up to 900 mm: 2 pieces / up to 1500 mm: 3 pieces / up to 3000 mm: 2x2 pieces



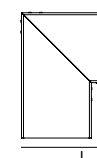
END CAPS

TYPE	ORDER CODE
end caps (pair)	0 0 5 - 4 1 2 6 6



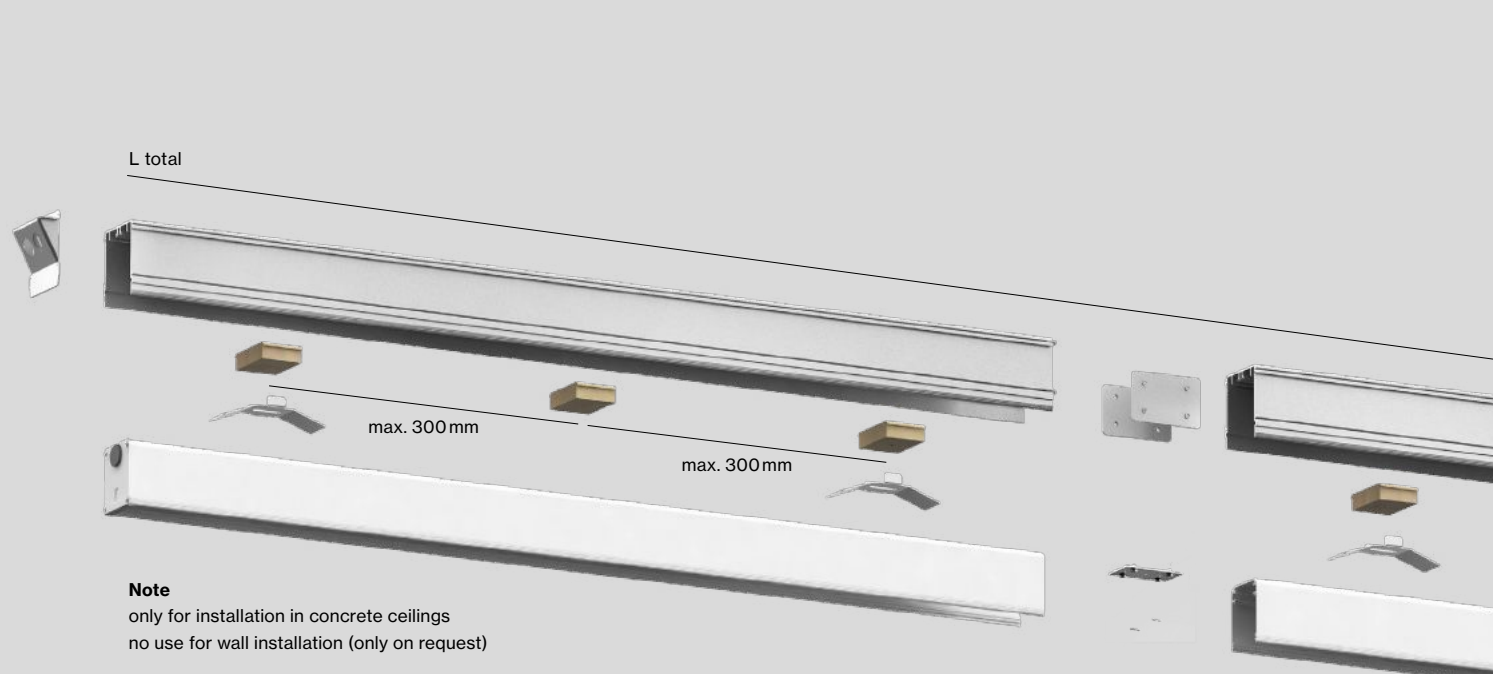
LINEAR CONNECTOR

TYPE	ORDER CODE
linear connector (1 piece)	0 0 5 - 4 1 1 6 6
linear connector (10 pieces)	0 0 5 - 4 1 1 6 6 . 1 0



CORNER CONNECTOR 90°

TYPE	L (mm)	ORDER CODE
FRAME 100 trim	202	0 3 5 - 0 5 0 1 6
MINIMAL 100 trimless	207	0 3 6 - 0 5 0 1 6
MINO 100 ceiling	207	0 3 4 - 0 5 0 1 6



Note
only for installation in concrete ceilings
no use for wall installation (only on request)

CONCRETE installation housing

EN Concrete casting made of aluminium profile, designed for continuous lighting systems

FR Boîtier encastré en béton en profil d'aluminium, conçu pour systèmes d'éclairage continu

Perfect allrounder

TUBO system

EN As a system luminaire, TUBO scores as a uniform and pleasant lighting system brought to life by linear connecting elements. The luminaire is available for wall and ceiling mounting, as well as in a suspended pendant version. Thanks to the opal cover, the TUBO System luminaire provides uniform ambient lighting and a pleasant atmosphere in entrance areas, corridors, and public spaces. The characteristic beam angle of up to 340° brightens the ceiling slightly while the available light colours 3000K and 4000K boost this positive room atmosphere.

FR Le luminaire système TUBO fait des merveilles en tant que système d'éclairage uniforme et agréable, une prouesse rendue possible par les éléments de raccordement linéaires. Le luminaire est proposé pour un montage sur mur ou plafond, ainsi qu'en version suspendue. Grâce au diffuseur opale, le luminaire système TUBO assure un éclairage de base uniforme et une ambiance agréable dans les entrées, les couloirs et autres espaces publics. L'angle de rayonnement typique jusqu'à 340° permet d'illuminer légèrement le plafond, les températures de couleur disponibles 3000K et 4000K viennent renforcer l'ambiance positive qui règne dans la pièce.

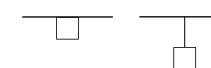
Types



60

100

Mountings



surface

suspended

Light distribution

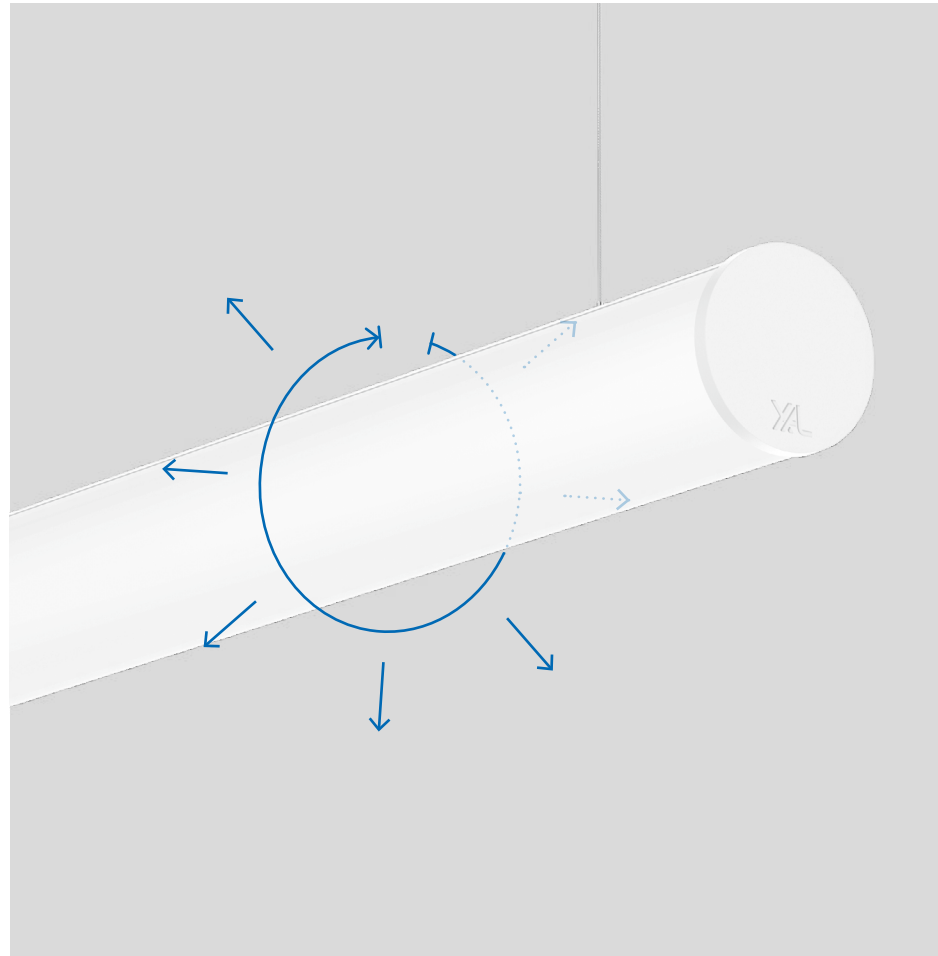


opal

340° light distribution

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

FR Grâce à son rayonnement à 340° et à son diffuseur opale, le TUBO System donne un éclairage homogène en illuminant légèrement le plafond. Le luminaire système convient donc tout particulièrement aux endroits où l'éclairage de base se doit d'être avant tout plaisant – comme les lieux d'accueil, les couloirs ou les foyers par exemple.



Mounting options

EN The TUBO System can be installed as a surface-mounted version in a continuous lighting system for walls and ceilings, or as a suspended pendant luminaire on the ceiling.

FR Le TUBO System peut être monté en tant que système d'éclairage continu, en version apparente sur plafond ou mural, comme en version suspendue au plafond.



Seamless light channel

EN TUBO as a continuous lighting system: Connecting elements can turn individual TUBO luminaires into a seamless channel. This creates a visually uniform lighting system for many different applications – whether as a corridor luminaire, effect luminaire, or visual guidance system.

FR TUBO comme système d'éclairage continu : des éléments de raccordement permettent de transformer différents luminaires TUBO en un véritable canal ininterrompu. Le résultat ? Un système d'éclairage à l'esthétique homogène, idéal dans de nombreux domaines d'application – luminaire de couloir, luminaire d'effet ou système de guidage visuel.



Easy mounting

EN TUBO 60 system luminaires are electrically connected by a simple plug-in connection. This makes the installation of a complex lighting system simple, quick, and straightforward.

FR Les luminaires système TUBO 60 sont branchés par une simple connexion électrique à fiche. Le système d'éclairage complexe devient ainsi simple et rapide à monter.

← back

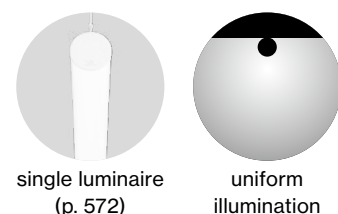


TUBO 60 system

surface / suspended

EN Supporting profile in extruded aluminium; end cap in aluminium; for continuous lighting systems; surface powder coated; surface mounted or suspended luminaire with cable suspension; height adjustment without tools; with transparent feeder cable; electrical connection of the luminaires via plug / socket system; no separate wiring required; 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

FR Profilé portant en profil extrudé en aluminium ; couvercle final en aluminium ; pour systèmes d'éclairage continus ; surface thermolaquée ; luminaire en saillie ou suspendu avec câble de suspension ; réglage en hauteur sans outil ; conduit d'alimentation transparent inclus ; liaison électrique des lampes par système de prise / fiche ; pas de câblage séparé nécessaire ; conduction de la lumière par optique à lentille pour un éclairage max. et homogène ; diffuseur HPO (High Performance Opal) cylindrique à éclairage entièrement homogène ; LED économes en énergie à restitution de couleur élevée



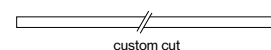
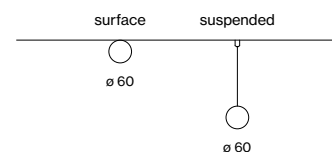
single luminaire (p. 572)

uniform illumination

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 3160lm/m
up to 114lm/W
L90 @ 50 000h
non DIM, DALI-2
opal

Types



Colour



Light distributions



Order options

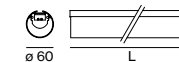
COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR

○ pure white RAL 9010

TUBO 60 surface / suspended

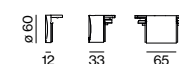


INSTALLATION CHANNEL + LIGHT INSET + LIGHT OPTIC COVER

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
16.5 W	3000K	1780lm	585	058-3022::70
	4000K	1880lm		
33 W	3000K	3560lm	1185	058-3024::70
	4000K	3760lm		
66 W	3000K	7110lm	2385	058-3028::70
	4000K	7530lm		
82 W	3000K	8890lm	2985	058-3029::70
	4000K	9410lm		

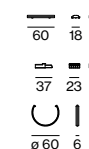
Accessories surface

END CAP / POWER FEEDER



TYPE	ORDER CODE
end cap	058-3010017
end cap power feeder	058-3010217
middle power feeder	058-3011217

LINEAR CONNECTOR



TYPE	ORDER CODE
mechanical	058-3013117
mechanical & electrical	058-3013127
incl. opal cover connector	

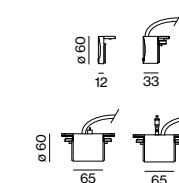
CEILING MOUNTING SET



TYPE	L (mm)	ORDER CODE
ceiling mounting set	75	058-3014117

Accessories suspended

END CAP / POWER FEEDER incl. feeder cable

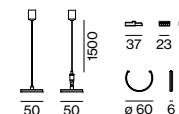


TYPE	ORDER CODE
end cap	058-3010017
end cap power feeder 5 × 1.5mm ²	058-3010417
middle power feeder* 5 × 1.5mm ²	058-3011317
middle power feeder angular** 5 × 1.5mm ²	058-3011327

*incl. cable suspension 1500mm

**incl. cable suspension angular max. 60° 1500mm

LINEAR CONNECTOR



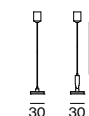
TYPE	ORDER CODE
mechanical*	058-3013217
mechanical angular**	058-3013317
mechanical & electrical*	058-3013227
mechanical & electrical angular**	058-3013327

incl. opal cover connector

*incl. cable suspension 1500mm

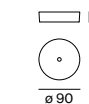
**incl. cable suspension angular max. 60° 1500mm

CABLE SUSPENSION



TYPE	L (mm)	ORDER CODE
cable suspension	1500	058-3014210
cable suspension angular max. 60°	1500	058-3014310

CANOPY



TYPE	Ø-H (mm)	ORDER CODE
non DIM / DALI-2	90-22	005-2600037

for electrical system configuration see luminaire data sheet at xal.com

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

← back



TUBO 100 system

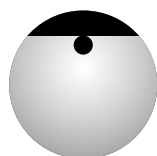
surface / suspended

EN Supporting profile in extruded aluminium; end cap in aluminium, no visible screws; for lighting systems; powder coated; luminaire profile for mounting available in advance; remaining components mounted without tools; surface mounted or suspended luminaire with cable suspension; height adjustment without tools; 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; cylindrical cover made of satinised PMMA for homogeneous illumination; with 340° light emission and light ceiling illumination; energy-eff. LEDs – very good colour rendering

FR Profilé portant en profil extrudé en aluminium ; couvercle final en aluminium, aucune vis visible ; pour les systèmes d'éclairage ; thermolaquée ; Profilé de luminaire pour montage livrable avant ; composants restants montable sans outil ; luminaire en saillie ou suspendu avec câble de suspension ; réglage en hauteur sans outil ; fixation au luminaire au moyen de clips à ressort ; positionnement libre ; conduit d'alimentation transparent inclus ; élément lumineux composé de profilé extrudé laqué hautement réfléchissant pour une gestion thermique améliorée ; cache cylindrique en PMMA satiné pour éclairage homogène ; avec diffusion de lumière à 340° et léger éclairage de plafond ; LED à haut rend. énerg. – excellent rendu coul.

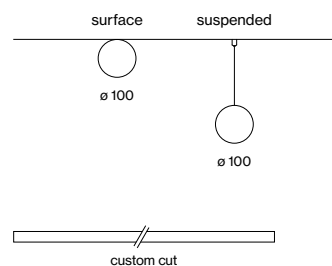


single luminaire (p. 576)



uniform illumination

Types



Colour



Light distributions



Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 4300lm/m
up to 138lm/W
L90 @ 50 000h
non DIM, DALI-2
opal

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR

○ pure white RAL 9010

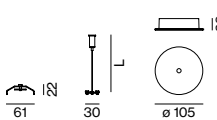
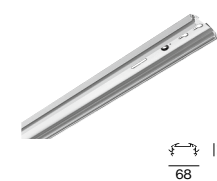
Options on request

CONTROL	
Casambi	

EMERGENCY LIGHT

1h Accupack	
3h Accupack	

only available for length 1463mm



TUBO 100 ceiling / suspended

INSTALLATION CHANNEL

TYPE	L (mm)	ORDER CODE
installation channel	582	029-00667
installation channel	882	029-00967
installation channel	1182	029-01267
installation channel	1482	029-01567
installation channel	2364	029-02567
installation channel	3000	029-03067
installation channel	custom	E85950 ···· 7

LIGHT OPTIC COVER OPAL HIGH PERFORMANCE

TYPE	L (mm)	ORDER CODE
light optic cover	577	006-5205700
light optic cover	877	006-5208700
light optic cover	1177	006-5211700
light optic cover	1477	006-5214700
light optic cover	2359	006-5223400
light optic cover	2995	006-5230000
light optic cover	custom	E85910 ···· 00



LIGHT INSET

SYSTEM POWER	L (mm)	ORDER CODE
18.3 W	571	029-8832 :: 7
27.5 W	871	029-8833 :: 7
37 W	1171	029-8834 :: 7
46 W	1463	029-8835 :: 7
73 W	2341	029-8838 :: 7

COVER	COLOUR TEMP.	SYSTEM POWER	DELIVERED LUMENS	EFFICACY
opal high	3000K	31W/m	4060lm/m	131lm/W
performance	4000K		4300lm/m	138lm/W

Accessories

END CAPS

TYPE	ORDER CODE
end caps (pair)	029-14067

LINEAR CONNECTOR

TYPE	ORDER CODE
linear connector (1 piece)	029-12027
linear connector (10 pieces)	029-12027.10
opal cover linear connector	029-12927
anti-slip protection (per cover)	029-00347

MOUNTING

TYPE	L (mm)	ORDER CODE
ceiling mounting set	40	029-00446
cable suspension	1500	005-2142110
angular cable susp. (max. 60°)	1500	005-2142210
canopy / feeder cable 3 × 1.5 mm ²	1500	005-2222317
canopy / feeder cable 5 × 1.5 mm ²	1500	005-2222417
cable rail	1200	005-2491110

for electrical system configuration see luminaire data sheet at xal.com

THROUGH WIRE

TYPE	ORDER CODE
3 × 1.5 mm ² (non DIM, 10 pieces)	004-90003
5 × 1.5 mm ² (DALI-2, 10 pieces)	004-90005

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



UK TV
London, UK –
by PENSON with lighting
design by AECOM

Define the horizon

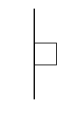


LINEA system

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, including perpendicular corner elements. Choose between white and black for the profile. The inserts optionally have a colour rendering of up to $\text{CRI} \geq 98$. In addition, the light inserts themselves can be selected in the light colours 2700 K, 3000 K, 4000 K, or as a Tunable White option.

FR Une élégante accentuation de l'espace, les performances les plus élevées : LINEA system est un luminaire réduit, mais adaptable, pour un bel éclairage de murs, sols et plafonds. Le profilé mural extrêmement plat est complété par divers inserts lumineux. Le mode de fixation est magnétique et s'effectue sur la partie supérieure et/ou inférieure du profilé, de sorte que les inserts sont facilement interchangeables. Diverses caractéristiques de rayonnement peuvent facilement être combinées : par exemple un diffuseur opale pour un éclairage uniforme ainsi qu'un Wall Grazer pour l'accentuation d'un mur ou l'éclairage asymétrique de sols ou de plafonds. LINEA system est disponible comme luminaire individuel et décoratif en trois longueurs, ou en variante système avec des éléments d'angle coudés. Pour la couleur du profilé, vous avez le choix entre blanc, noir et couleurs spéciales. Les inserts sont disponibles dans les températures de couleurs 2700 K, 3000 K ou 4000 K et peuvent être changés à tout moment.

Mounting



wall

Configurations

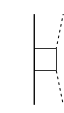
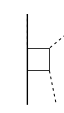
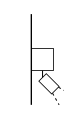


linear



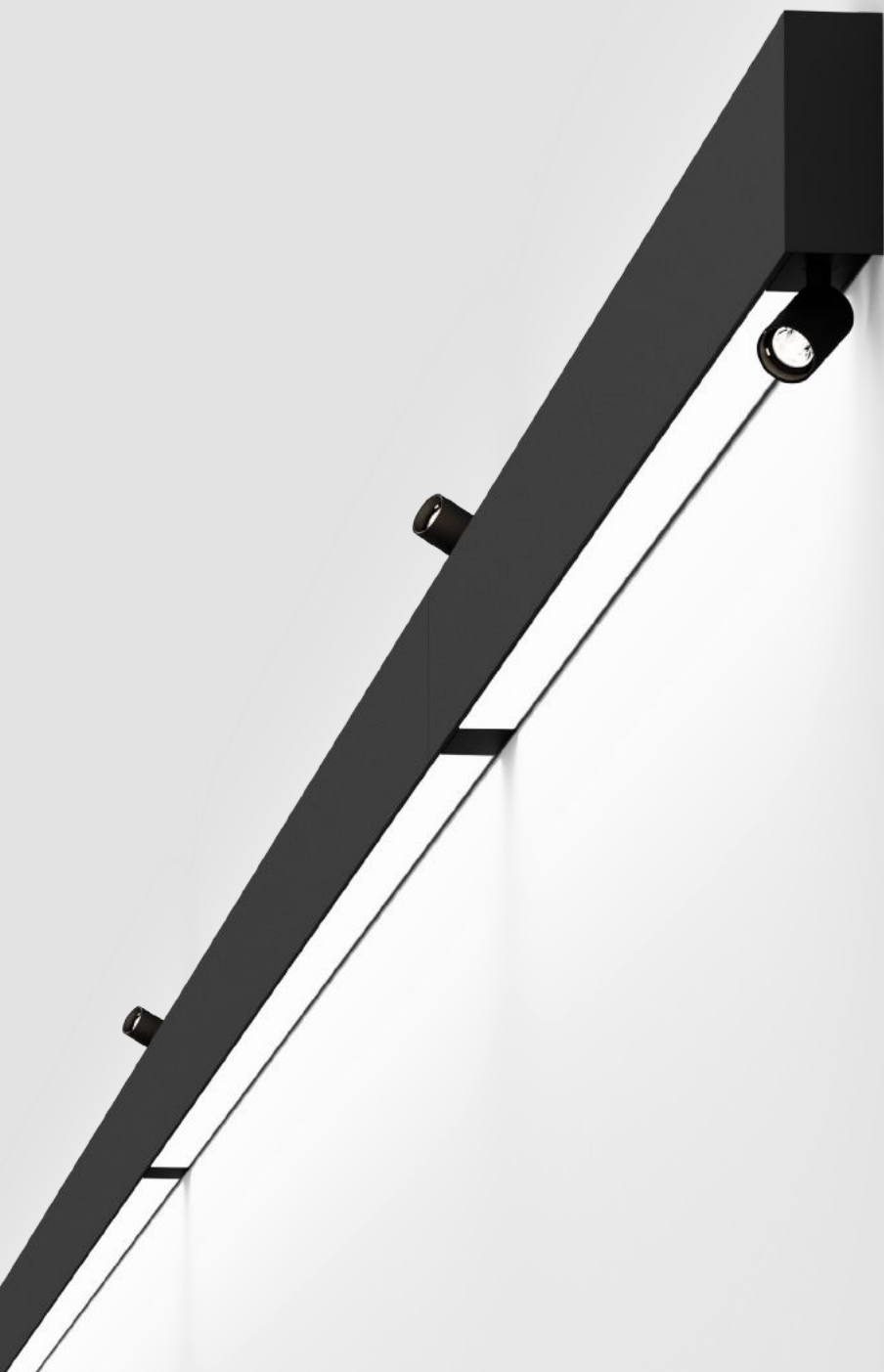
corner

Light distributions

opal
opalasymmetric
opal

spot

← back



LINEA system

wall

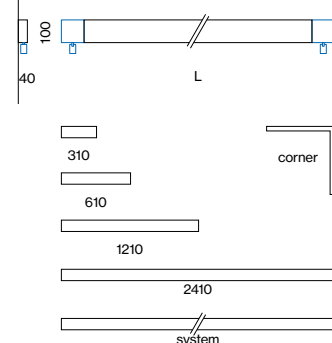
EN Luminaire housing and front cover from extruded aluminium profile, angular version; no visible screws; designed for continuous lighting systems, 90° angle connectors for flexible system design; surface powder coated; suitable for wall mounting; homogeneous wall or ceiling illumination through uniform 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 JUST 26 spotlight module can be installed

FR Corps de luminaire et cache avant en profil extrudé en aluminium, version à bords en arête ; aucune vis visible ; conçu pour systèmes d'éclairage continus, équerres de raccordement 90° pour structure de système flexible ; surface thermolaquée ; convient à un montage mural ; éclairage homogène du mur ou du plafond par une distribution de lumière uniforme directe/indirecte ; cache HPO (High Performance Opal) pour éclairage homogène ; ou avec lentille spécialement calculée et asym. pour des intensités lum. homogènes (montage au choix pour éclairage du sol ou du plafond) ; LED économes en énergie à restitution de couleur élevée ; insert de spot JUST 26 montable au choix

Quickinfo

3000K, 4000K, TW
 CRI ≥ 90, 3 SDCM
 up to 117m/W
 L90 @ 50 000h
 non DIM, DALI-2

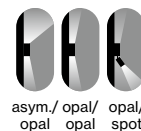
Types



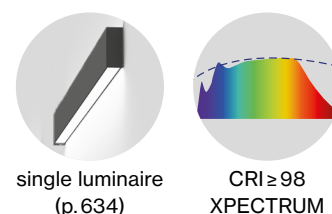
Colours



Light distributions



asym./opal/ opal/ opal/ spot



single luminaire (p. 634)

CRI ≥ 98 XPECTRUM

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6
tunable white 2700–5000K*	D

*available from L 1210 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	
○ pure white RAL 9010	7
● jet black RAL 9005	8

SPOTLIGHT ALIGNMENT	
left	B
right	C

spotlight(s) only with 3000K

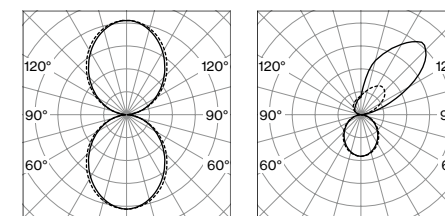
Options on request

COLOUR RENDERING INDEX	
CRI ≥ 98 XPECTRUM	

COLOUR TEMPERATURE	
2700K	

MATERIAL COLOUR	
special colours	

Light distributions

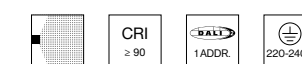


↓ opal high performance
 ↑ opal high performance

↓ opal high performance
 ↑ asymmetric

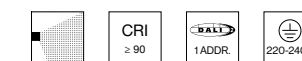
LUMINOUS FLUX value calculated for CRI ≥ 90, colour white, cover opal

LINEA system wall



↓ OPAL HIGH PERFORMANCE / ↑ OPAL HIGH PERFORMANCE

SYS. POWER	COLOUR TEMP.	LUMINOUS FLUX	L (mm)	ORDER CODE
14.7W	3000K	↓ 648/± 648lm	310	058-6141::↓↑AH
	4000K	↓ 715/± 715lm		
29.3W	3000K	↓ 1300/± 1300lm	610	058-6142::↓↑AH
	4000K	↓ 1430/± 1430lm		
59W	3000K	↓ 2590/± 2590lm	1210	058-6144::↓↑AH
	4000K	↓ 2860/± 2860lm		
111W	3000K	↓ 5190/± 5190lm	2410	058-6148::↓↑AH
	4000K	↓ 5720/± 5720lm		
29.3W	3000K	↓ 1300/± 1300lm	633x633	058-6111::↓↑AH
	4000K	↓ 1430/± 1430lm		
29.3W	3000K	↓ 1300/± 1300lm	633x633	058-6112::↓↑AH
	4000K	↓ 1430/± 1430lm		



↓ OPAL HIGH PERFORMANCE / ↑ ASYMMETRIC

SYS. POWER	COLOUR TEMP.	LUMINOUS FLUX	L (mm)	ORDER CODE
14.7W	3000K	↓ 648/± 821lm	310	058-6141::↓↑AA
	4000K	↓ 715/± 906lm		
29.3W	3000K	↓ 1300/± 1640lm	610	058-6142::↓↑AA
	4000K	↓ 1430/± 1810lm		
59W	3000K	↓ 2590/± 3280lm	1210	058-6144::↓↑AA
	4000K	↓ 2860/± 3620lm		
111W	3000K	↓ 5190/± 6570lm	2410	058-6148::↓↑AA
	4000K	↓ 5720/± 7250lm		
29.3W	3000K	↓ 1300/± 1300lm	633x633	058-6111::↓↑AA
	4000K	↓ 1430/± 1430lm		
29.3W	3000K	↓ 1300/± 1300lm	633x633	058-6112::↓↑AA
	4000K	↓ 1430/± 1430lm		



↓ OPAL HIGH PERFORMANCE / 1 SPOTLIGHT

SYS. POWER	COLOUR TEMP.	LUMINOUS FLUX	L (mm)	ORDER CODE
29.3W	3000K	↓ 1300/± 1300lm	710	058-6142::↓↑VH
	4000K	↓ 1430/± 1430lm		
59W	3000K	↓ 2590/± 2590lm	1310	058-6144::↓↑VH
	4000K	↓ 2860/± 2860lm		
111W	3000K	↓ 5190/± 5190lm	2510	058-6148::↓↑VH
	4000K	↓ 5720/± 5720lm		

spotlight alignment left or right

Accessories

END CAPS	
TYPE	ORDER CODE
end caps (pair)	050-254010

CONNECTOR	
TYPE	ORDER CODE
linear connector (1 piece)	050-2551100
linear connector (10 pieces)	050-2551100.10

THROUGH WIRE	
TYPE	ORDER CODE
3 × 1.5 mm ² (non DIM, 10 pieces)	004-90003
5 × 1.5 mm ² (DALI-2, 10 pieces)	004-90005



Bedroom
Visualisation



SNS Headquarters
Moscow, RU –
by ABD Architects with lighting
design by Light & Design

