



EN DE

MOVE IT 45 SYSTEM

Magnetic Profile LED System

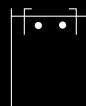


MOVE IT 45

system

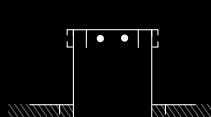
CHANNEL

MOVE IT 45

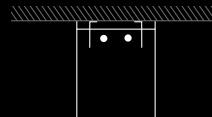


MOUNTING TYPE

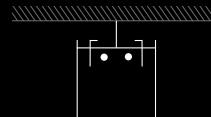
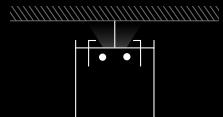
recessed



surface



suspended

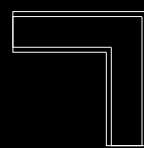
suspended
indirect

SHAPE

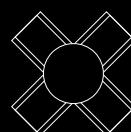
linear



corner



node connector



INSET

JUST 45



JUST 55



L1-L6 *



OPAL



L10 OFFICE (UGR<19)



* LIGHT OPTICS

spot
roundnarrow medium
roundmedium
roundflood
roundwide flood
roundrectangular
narrowrectangular
mediummedium
squareflood
squarewide flood
square

wallwasher

wallwasher
floor

EN The MOVE IT 45 SYSTEM is available as a recessed, surface-mounted and suspended version. The suspended indirect version also offers the option of additional indirect light for pleasant ceiling illumination. In addition, certain system insets ensure glare-free light for concentrated, efficient work at VDU workstations with an optimum UGR value of < 19. The power-track system is operated with 48 V. Each system inset can be individually controlled and dimmed with a DALI signal.

DE MOVE IT 45 SYSTEM ist als Einbau-, Anbau- und abgependelte Variante verfügbar. Die Version "suspended indirect" bietet weiters die Möglichkeit eines zusätzlichen Indirektanteils für eine angenehme Deckenaufhellung. Außerdem ist mit einigen Systemeinsätzen ein blendfreies Licht für konzentriertes, effizientes Arbeiten an Bildschirmarbeitsplätzen bei einem optimalen UGR-Wert von < 19 garantiert. Das Stromschiensystem wird mit 48 V betrieben. Jeder Systemeinsatz ist durch ein DALI Signal ansteuer- und dimmbar.

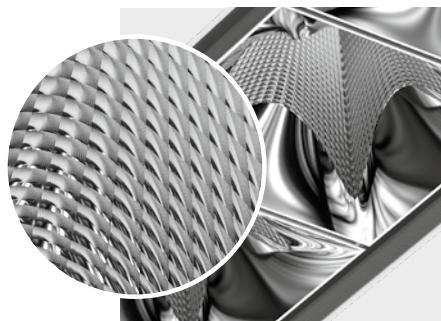
	MOVE IT 45 recessed	MOVE IT 45 surface	MOVE IT 45 suspended	MOVE IT 45 suspended indirect
CONTROL				
DIM DALI single control	•	•	•	•
SHAPE				
linear	•	•	•	•
corner	•	•	•	•
node connector		•	•	•
SPOTLIGHT INSET				
JUST 45	•	•	•	•
JUST 55	•	•	•	•
LINEAR INSET				
L1 (UGR < 19 version available)	•	•	•	•
L2	•	•	•	•
L4 (UGR < 19 version available)	•	•	•	•
L6	•	•	•	•
L10 OFFICE (UGR < 19)	•	•	•	•
OPAL	•	•	•	•

Precision Lighting redefined

EN The micro-faceted reflector technology ensures precise light distribution and minimum glare that is unequalled. The downlight optics for generating either round or angular light projections are available with several beam angles. In addition, two rectangular downlights and wallwasher optics are available for wall or wall/floor illumination. There is also a highly anti-glare version (UGR < 19), which is ideal for use at VDU workstations.

DE Die mikro-facetzierte Reflektortechnologie sorgt für eine unvergleichlich präzise Lichtverteilung und für Blendungsminimierung. Die Downlight-Optiken zur Generierung runder oder eckiger Lichtprojektionen gibt es mit mehreren unterschiedlichen Abstrahlcharakteristiken. Zusätzlich gibt es zwei rechteckige Downlights und Wallwasher-Optiken für Wand oder Wand/Boden. Eine hoch entblendete Version (UGR < 19) ist ideal für den Einsatz an Bildschirmarbeitsplätzen.

MICRO-FACETED REFLECTOR



ROUND SPOT ROUND	NARROW MEDIUM ROUND	MEDIUM ROUND	FLOOD ROUND	WIDE FLOOD ROUND
3,5 W up to 50 lm/W 190 lm, 200 lm 3000 K, 4000 K CRI ≥ 90	3,5 W up to 60 lm/W 230 lm, 240 lm 3000 K, 4000 K CRI ≥ 90	3,5 W up to 83 lm/W 270 lm, 290 lm 3000 K, 4000 K CRI ≥ 90	3,5 W up to 103 lm/W 340 lm, 360 lm 3000 K, 4000 K CRI ≥ 90	3,5 W up to 104 lm/W 340 lm, 360 lm 3000 K, 4000 K CRI ≥ 90
FWHM 12° FWTM 20°	FWHM 25° FWTM 36°	FWHM 33° FWTM 52°	FWHM 46° FWTM 68°	FWHM 66° FWTM 85°

SQUARE**MEDIUM
SQUARE**

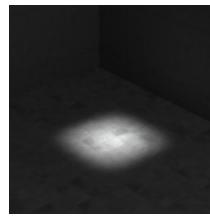
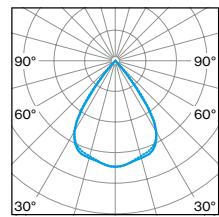
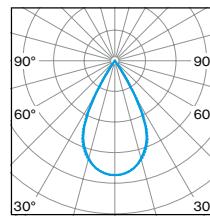
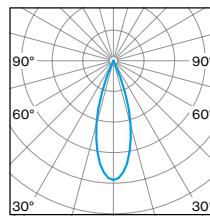
3,5 W
up to 89lm/W
290lm, 310lm
3000K, 4000K
CRI ≥ 90

**FLOOD
SQUARE**

3,5 W
up to 104lm/W
340lm, 360lm
3000K, 4000K
CRI ≥ 90

**WIDE FLOOD
SQUARE**

3,5 W
up to 107lm/W
350lm, 370lm
3000K, 4000K
CRI ≥ 90

**RECTANGULAR****RECTANGULAR
NARROW**

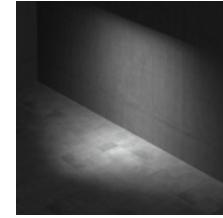
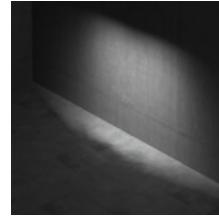
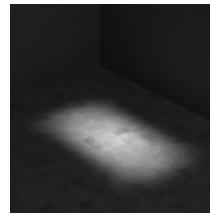
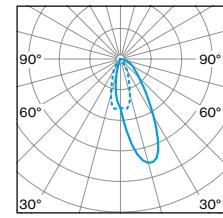
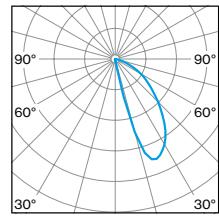
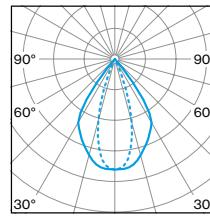
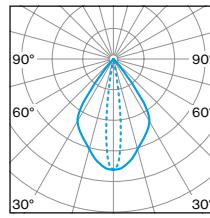
3,5 W
up to 60lm/W
230lm, 240lm
3000K, 4000K
CRI ≥ 90

**RECTANGULAR
MEDIUM**

3,5 W
up to 96lm/W
310lm, 330lm
3000K, 4000K
CRI ≥ 90

WALLWASHER**WALLWASHER
FLOOR**

3,5 W
up to 91lm/W
300lm, 320lm
3000K, 4000K
CRI ≥ 90



Raising the bar

EN XAL light optics are at the cutting edge of micro-faceted reflector technology, changing the game for architects and lighting designers. By delivering precise contrast and maximising light output efficiency, accurate and controlled lighting is now possible.

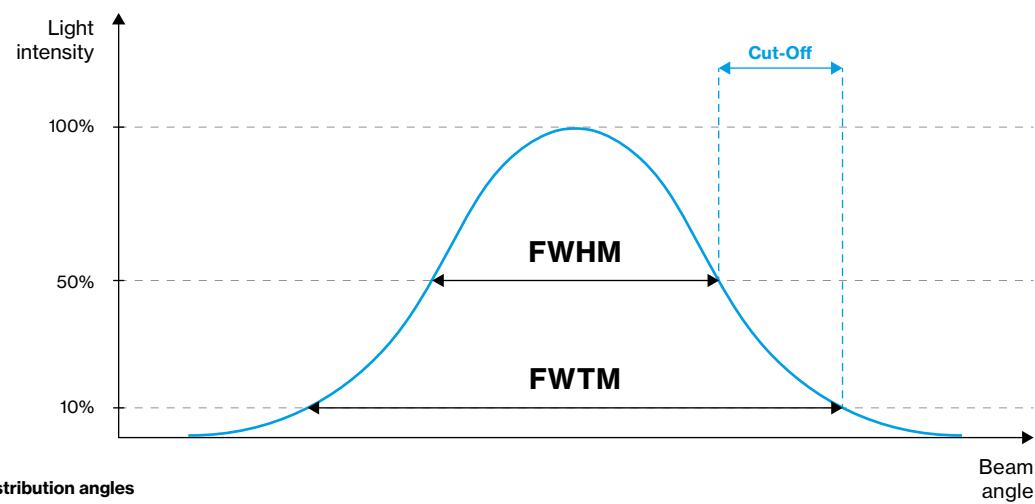
The defining factors are the Beam Angle, which contains 50% of the light intensity of the beam (FWHM, Full Width Half Maximum), and the Field Angle, or the area where the light intensity is 10% of the maximum light output (FWTM, Full Width Tenth Maximum). The smaller the difference between the Beam Angle and the Field Angle, the more precise the cut-off is.

The highly efficient micro-faceted reflectors of XAL light optics focus the cut-off, maximising the luminous intensity. The result is a very tightly controlled beam that gives the lighting designer a whole new level of precision.

DE XAL light optics sind die neueste Entwicklung auf dem Gebiet der mikro-facetierten Reflektortechnologie und bieten Architekten sowie Lichtplanern dank klar definierter Kontraste bei gleichzeitig maximierter Effizienz völlig neue Gestaltungsmöglichkeiten.

Die beiden entscheidenden Faktoren in diesem Zusammenhang sind der Abstrahlwinkel, der 50% der Lichtintensität des Lichtkegels beinhaltet (FWHM, Full Width Half Maximum) und der Feldwinkel, bei dem die Lichtintensität 10% der maximalen Lichtstärke beträgt (FWTM, Full Width Tenth Maximum). Je kleiner der Unterschied zwischen diesen beiden Werten, desto präziser ist die Abrisskante.

Die hocheffizienten mikro-facetierten Reflektoren der XAL light optics ergeben eine präzise Abrisskante bei maximaler Lichtintensität. Das Ergebnis ist ein kontrolliertes Licht, das dem Lichtdesigner eine völlig neue Präzision zur Verfügung stellt.



Distribution angles

FWHM Full Width at Half Maximum (Beam Angle)

FWTM Full Width at Tenth Maximum (Field Angle)

Lighting design with maximum accuracy

CONVENTIONAL DOWNLIGHT

medium round with uncontrolled cut-off

XAL LIGHT OPTICS

medium round with precision cut-off

FWHM

FWTM

FWHM

FWTM

Uncontrolled Cut-Off

large difference between FWHM and FWTM

Precision Cut-Off

small difference between FWHM and FWTM



Beam Angle

Full Width at Half Maximum (FWHM)
1/2 of the maximal intensity (50%)



Beam Angle

Full Width at Half Maximum (FWHM)
1/2 of the maximal intensity (50%)

Field Angle

Full Width at Tenth Maximum (FWTM)
1/10 of the maximal intensity (10%)

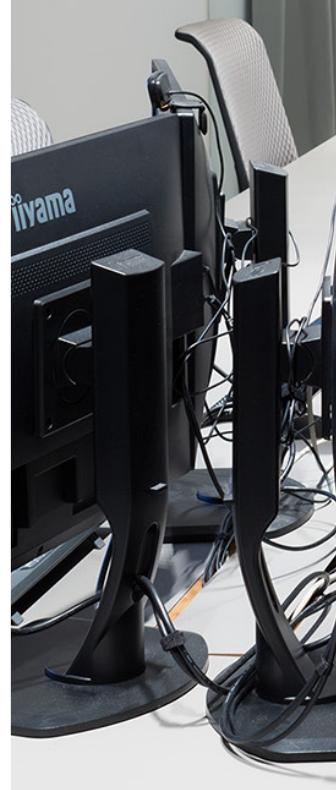
Field Angle

Full Width at Tenth Maximum (FWTM)
1/10 of the maximal intensity (10%)

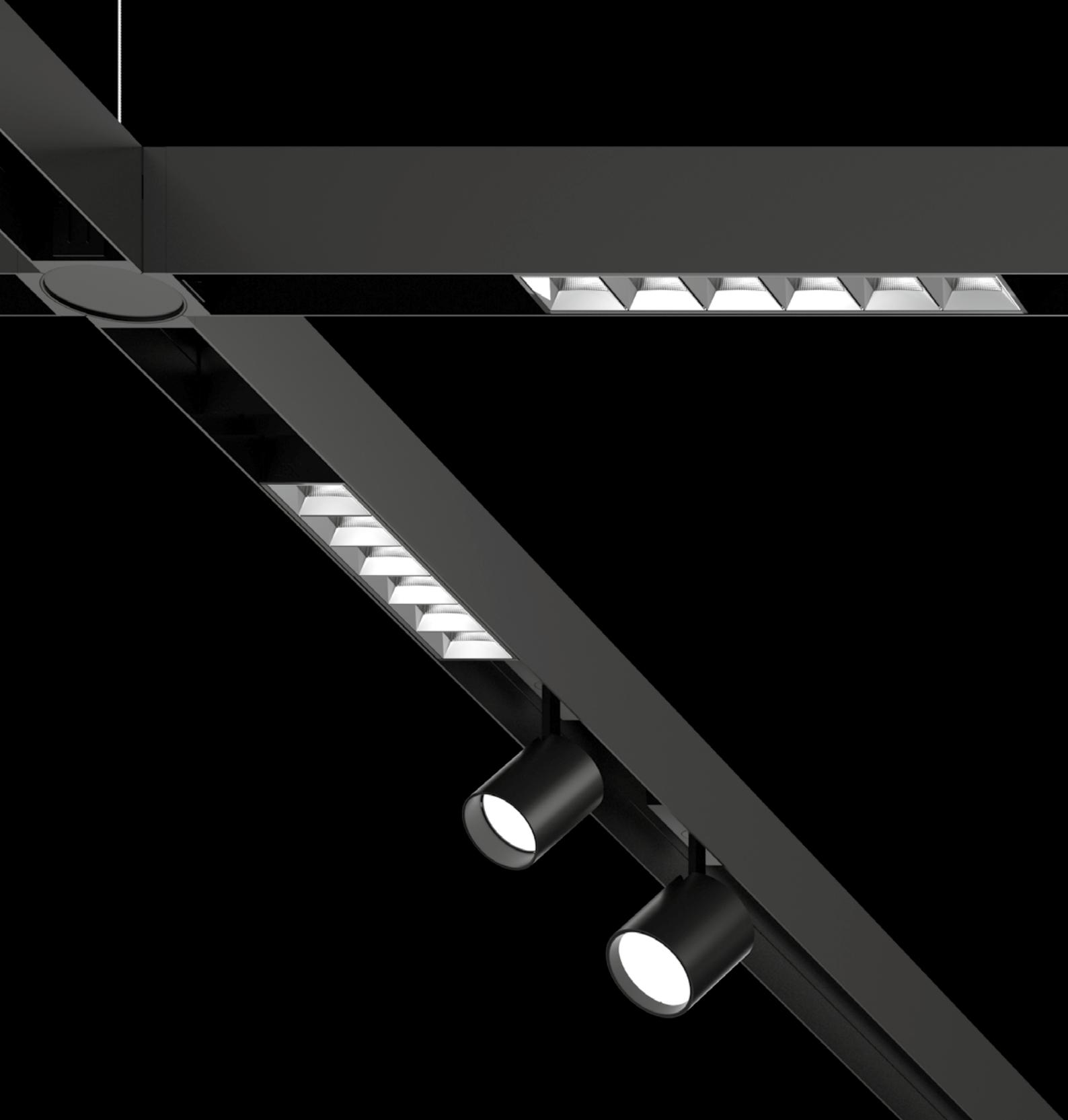
XAL Creative Lab
Barcelona, Spain

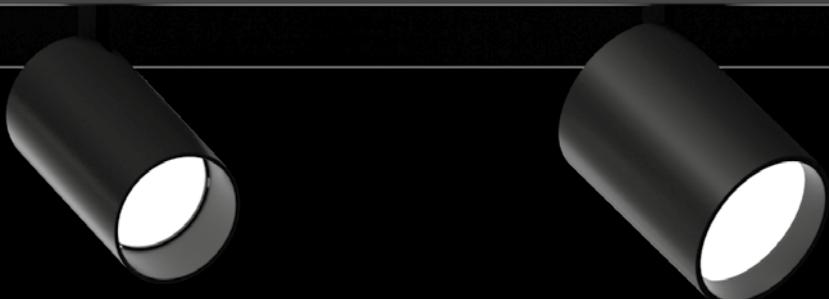
PRODUCT

MOVE IT 45 suspended system
MOVE IT 45 trimless system









Get the product

Product details

- 12 **MOVE IT 45** trimless
- 14 **MOVE IT 45** surface / suspended
- 16 **MOVE IT 45** suspended indirect
- 18 **MOVE IT 45** linear insets
- 20 **MOVE IT 45** spotlight insets
- 21 **MOVE IT 45** acoustic insets

MOVE IT 45

trimless system

xal.com/move-it-45



Quickinfo

GENERAL

recessed trimless
IP 20

ELECTRICAL

DIM DALI single control

PHYSICAL

aluminium
anodised

Description

EN Extruded aluminium profile with 45 mm width groove; suitable for trimless installation in plasterboard ceilings with 12.5 mm ceiling thickness; suitable for wall or ceiling mounting; designed for continuous lighting systems, 90° angle connectors for flexible system design; with integrated power track profile for take off of supply voltage and DALI signal; surface anodised black; can be installed flexibly and without tools by means of magnetic holders+locking; a maximum of 3 internal converters can be used in one system; degree of protection IP 20; PC I/PC II (power supply) or PC III (light insets); DALI control

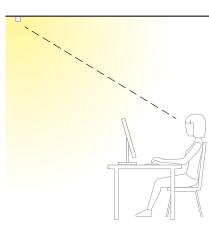
DE Aluminiumstrangpressprofil mit 45 mm Fugenbreite; geeignet für den randlosen Einbau in Gipskartondecken mit 12,5 mm Deckenstärke; geeignet für Wand- oder Deckenmontage; ausgelegt für durchgehende Lichtsysteme, 90° Winkelverbinder für flexiblen Systemaufbau; mit integriertem Stromschienenprofil für Abnahme von Versorgungsspannung und DALI Signal; Oberfläche schwarz eloxiert; flexible und werkzeuglose Montage der Einsätze durch Magnethalterung+Verriegelung; maximal 3 interne Konverter in einem System verwendbar; Schutzart IP 20; SK I/SK II (Netzversorgung) bzw. SK III (Lichteinsätze); DALI-Steuerung

Features

**LINEAR
INSETS**
[page 18](#)



**SPOTLIGHT
INSETS**
[page 20](#)



glare-free light insets
UGR < 19



inset single control
via X-TALK app

Standard configuration

CONTROL

DIM DALI single control

MATERIAL COLOUR

black



Options on request

CONTROL

ZigBee 3.0



MOVE IT 45 trimless

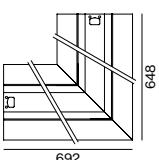
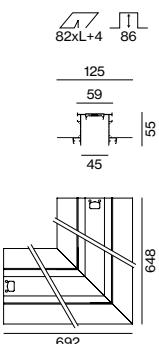
order installation track, light insets + mounting accessories separately



INSTALLATION TRACK

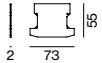
L (mm)		ORDER CODE
607	channel	0 5 0 - 4 2 3 2 0 3 8
1207	channel	0 5 0 - 4 2 3 4 0 3 8
2407	channel	0 5 0 - 4 2 3 8 0 3 8
692x648	channel corner* 90°	0 5 0 - 4 2 3 1 0 3 8
661x661	channel corner* ceiling to wall 90°	0 5 0 - 4 2 3 1 1 3 8
custom cut	channel DIM DALI single control	E 8 3 5 2 0 ···· 8

*corner incl. electrical connector set



Accessories

END CAPS

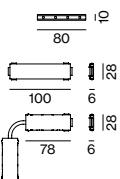


TYPE	ORDER CODE
end caps (pair)	0 5 0 - 4 2 3 0 0 0 8

BLIND COVER

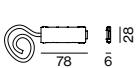
L (mm)	ORDER CODE
1207	0 5 0 - 4 0 3 4 0 0 8
2407	0 5 0 - 4 0 3 8 0 0 8
custom cut	E 8 3 5 0 0 ···· 8 B

blind cover can be shortened as desired



CONNECTOR SET

TYPE	ORDER CODE
mechanical linear connector (pair)	0 5 0 - 2 0 1 1 1 0
linear	0 5 0 - 2 0 3 1 1 3 0
linear flexible	0 5 0 - 2 0 3 2 1 3 0



POWER FEEDER UNIT

TYPE	ORDER CODE
DIM DALI single control	0 5 0 - 2 0 2 0 1 3 0
2x2,5mm ² / 2x2,5 + 2x0,5mm ² / cable length 500 mm	

CONVENTER BUILT-IN TRACK supply 220-240 V AC, 48 V, 50-60 Hz,
 PCI, ENEC approved, incl. feeder cable 2000 mm

TYPE	L-W-H (mm)	ORDER CODE
75W start	450-45-25	0 0 2 - 6 2 1 3 6
60W run	450-45-25	0 0 2 - 6 2 1 3 7

75W converter for single use

60W converter for cascading use (maximum 3 units)

CONVENTER EXTERN supply 220-240 V AC, 48 V, 50-60 Hz

TYPE	L-W-H (mm)	ORDER CODE
60 W PCII	163-43-32	0 0 2 - 6 2 1 3 3
150 W PCI	222-68-39	0 0 2 - 6 0 1 5 6
320 W PCI	252-90-44	0 0 2 - 6 0 3 2 0

DALI SELV DEVICE

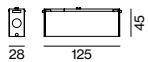


TYPE	L-W-H (mm)	ORDER CODE
control unit	213-37-25	0 5 0 - 2 0 6 1 1 3 0

necessary to create DALI SELV signal

DAYLIGHT & MOVEMENT SENSOR | DIM DALI

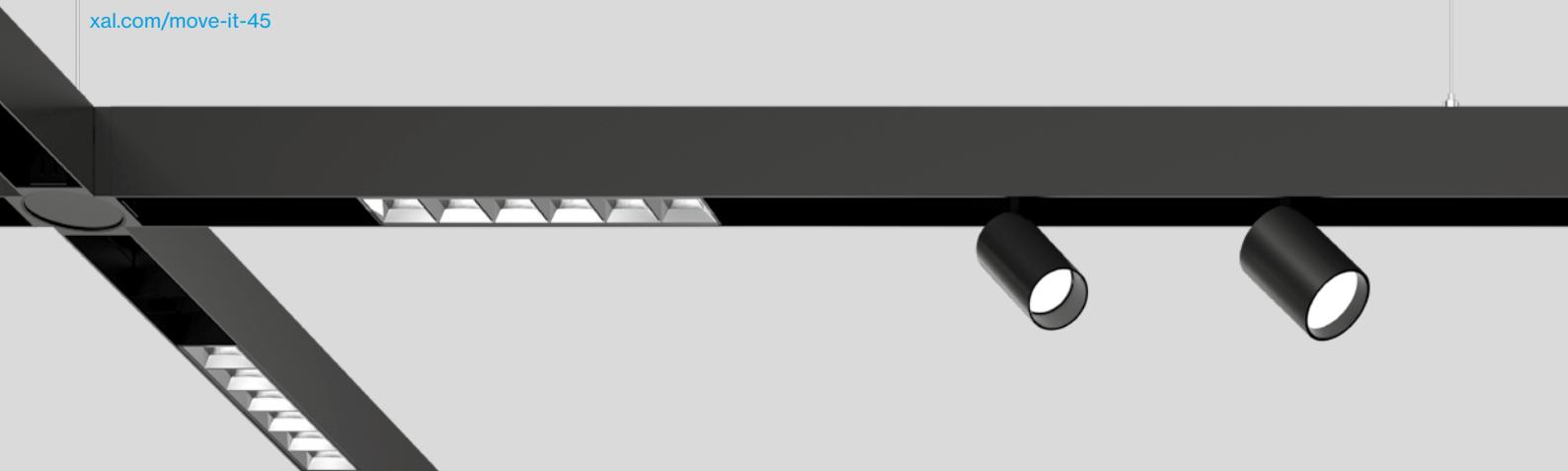
TYPE	L-W-H (mm)	ORDER CODE
daylight & movement sensor	125-28-45	0 5 0 - 2 0 6 3 1 7 8



MOVE IT 45

surface / suspended system

xal.com/move-it-45



Quickinfo

GENERAL

surface, suspended
IP20

ELECTRICAL

DIM DALI single control
black feeder cable

PHYSICAL

aluminium
anodised

Description

EN Extruded aluminium profile with 45 mm width groove; for wall-/ceiling surface mounting or suspended mounting (1500 mm cable suspension); height adjustment without tools; incl. black feed; designed for continuous lighting systems, 90° angle connectors and node connectors with up to 4 profile connection options for flexible system design; with integrated power track profile for take off of supply voltage and DALI signal; surface anodised black or powder coated in white / anodised black; can be installed flexibly and without tools by means of magnetic holders+locking; a maximum of 3 internal converters can be used in one system; degree of protection IP20; PCI / PCII (power supply) or PCIII (light insets); DALI control; sound absorbing accessories for installation in the MOVE IT suspended system composed of node connectors and 1210 mm profiles available

DE Aluminiumstrangpressprofil mit 45 mm Fugenbreite; für Wand-/Deckenanbaumontage oder für abgehängte Montage (1500 mm Seilabhangung); werkzeuglose Höhenverstellung; inkl. schwarzer Einspeiseleitung; ausgelegt für durchgehende Lichtsysteme, 90° Winkelverbinder und Knotenverbinder mit bis zu 4 Profilanschlussmöglichkeiten für flexiblen Systemaufbau; mit integriertem Stromschienenprofil für Abnahme von Versorgungsspannung und DALI Signal; Oberfläche schwarz eloxiert oder weiß pulverbeschichtet / schwarz eloxiert; flexible und werkzeuglose Montage der Einsätze durch Magnethalterung+Verriegelung; maximal 3 interne Konverter in einem System verwendbar; Schutzart IP20; SKI / SKII (Netzversorgung) bzw. SKIII (Lichteinsätze); DALI-Steuering; schallabsorbierendes Zubehör zum Einlegen in das MOVE IT suspended system aus Knotenverbbindern und Profilen der Länge 1210 mm erhältlich

LINEAR INSETS

⊕ page 18



SPOTLIGHT INSETS

⊕ page 20

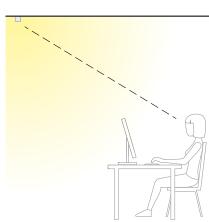


ACOUSTIC ACCESSORIES

⊕ page 21



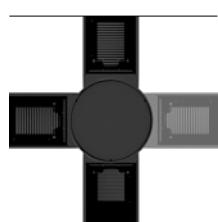
Features



glare-free light insets
UGR < 19



inset single control
via X-TALK app



up to 4 node connection
options, 90° angle

Standard configuration**CONTROL**

DIM DALI single control

**MATERIAL COLOUR****CHANNEL-END CAPS**

black	8
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8

MATERIAL COLOUR**MOUNTING/CONVERTER**

white	7
black	8

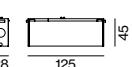
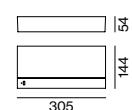
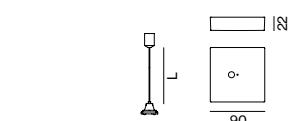
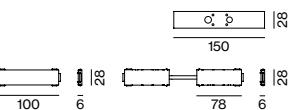
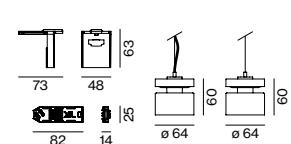
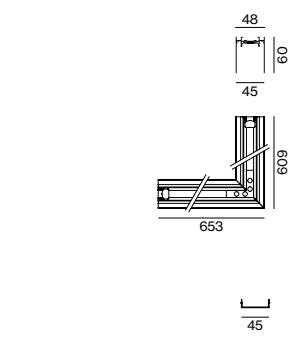
7 8

Extended configuration**MATERIAL COLOUR****CHANNEL-END CAPS**

white/black	P
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**Options on request****CONTROL**

ZigBee 3.0

**MOVE IT 45 surface / suspended**

order installation track, light insets + mounting accessories separately

**INSTALLATION TRACK**

L (mm)	ORDER CODE
610 channel	0 5 0 - 4 3 3 2 0 3
1210 channel	0 5 0 - 4 3 3 4 0 3
2410 channel	0 5 0 - 4 3 3 8 0 3
653x609 channel corner* 90°	0 5 0 - 4 3 3 1 0 3
661x661 channel corner* ceiling to wall 90°	0 5 0 - 4 3 3 1 1 3
custom cut channel DIM DALI single control	E 8 3 5 3 0 · · ·

*corner incl. electrical connector set

L (mm)	ORDER CODE
1207 blind cover	0 5 0 - 4 0 3 4 0 0 8
2407 blind cover	0 5 0 - 4 0 3 8 0 0 8
custom cut blind cover	E 8 3 5 0 0 · · · 8 B

END CAPS

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

NODE CONNECTOR

TYPE	ORDER CODE
node connector surface mounted	0 5 0 - 2 0 3 3 3 3 0
node connector incl. feeder surface mounted	0 5 0 - 2 0 2 4 3 0
node connector 1500 mm cable suspension	0 5 0 - 2 0 3 3 1 3 0
node connector incl. feeder 1500 mm cable susp.	0 5 0 - 2 0 2 2 3 0
node end cap* incl. connector	0 5 0 - 4 3 3 0 1 0 8

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

CONNECTOR SET

TYPE	ORDER CODE
mechanical linear connector surface	0 5 0 - 2 0 1 1 2 1 0
mechanical linear connector suspended*	0 5 0 - 2 0 1 1 3 1 0
linear	0 5 0 - 2 0 3 1 1 3 0
linear flexible	0 5 0 - 2 0 3 2 1 3 0

*incl. 1500 mm cable suspension

POWER FEEDER UNIT

TYPE	ORDER CODE
DIM DALI single control	0 5 0 - 2 0 2 2 1 3 0
2x2,5mm ² / 2x2,5 + 2x0,5mm ² / cable length 2000 mm	

CEILING FASTENER / CABLE SUSPENSION / CANOPY

TYPE	L (mm)	ORDER CODE
ceiling fastener	10	0 5 0 - 2 0 4 1 1 1
cable susp. (use every 1200 mm)	1500	0 0 5 - 2 1 5 2 1 1 0
canopy		0 0 5 - 2 3 1 1 2 1

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

TYPE	L-W-H (mm)	ORDER CODE
60 W □ PCI	305-144-54	0 5 0 - 2 0 5 5 1 3
150 W Ⓛ PCI	305-144-54	0 5 0 - 2 0 5 5 2 3
320 W Ⓛ PCI	305-144-54	0 5 0 - 2 0 5 5 3 3

CONVERTER EXTERN supply 220-240V AC, 48V, 50-60Hz

TYPE	L-W-H (mm)	ORDER CODE
60 W □ PCI	163-43-32	0 0 2 - 6 2 1 3 3
150 W Ⓛ PCI	222-68-39	0 0 2 - 6 0 1 5 6
320 W Ⓛ PCI	252-90-44	0 0 2 - 6 0 3 2 0

DALI SELV DEVICE

TYPE	L-W-H (mm)	ORDER CODE
control unit	213-37-25	0 5 0 - 2 0 6 1 1 3 0

necessary to create DALI SELV signal

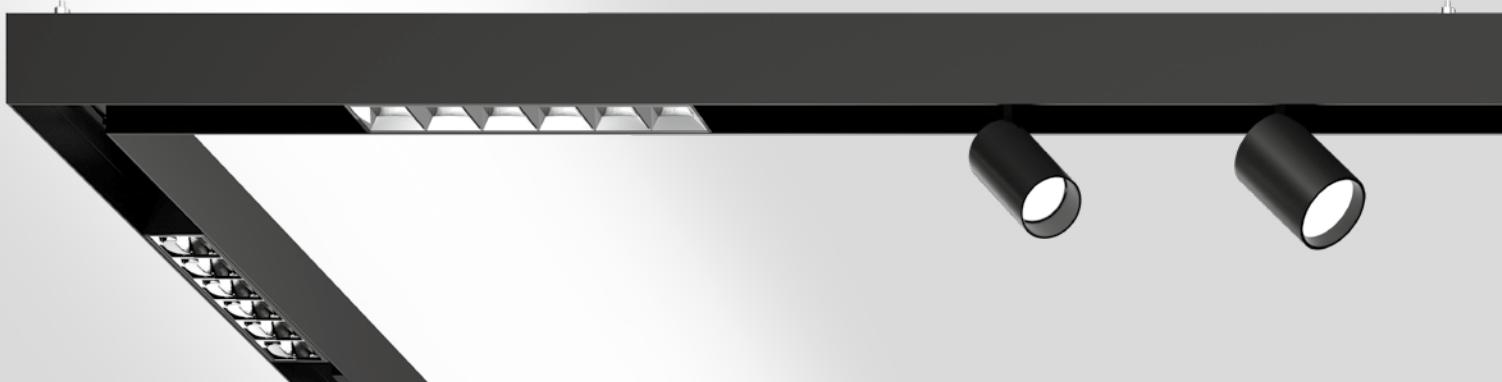
DAYLIGHT & MOVEMENT SENSOR | DIM DALI

TYPE	L-W-H (mm)	ORDER CODE
daylight & movement sensor	125-28-45	0 5 0 - 2 0 6 3 1 7 8

MOVE IT 45

suspended indirect system

xal.com/move-it-45



Quickinfo

GENERAL

suspended
IP20

LED

Mid-power LED
up to 1570 lm/m
3000 K
CRI ≥ 90
Binning initial ≤ 3 MacAdam

ESTIMATED LED LIFETIME

L80 / 50 000 h

OPTICAL

indirect illumination
PMMA cover opal

ELECTRICAL

DIM DALI single control
black feeder cable

PHYSICAL

aluminium
anodised

**LINEAR
INSETS**
[page 18](#)



**SPOTLIGHT
INSETS**
[page 20](#)

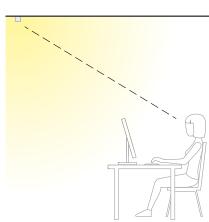


Description

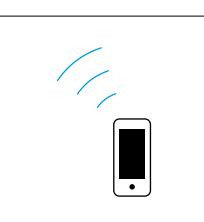
EN Extruded aluminium profile with 45 mm width groove; for suspended mounting (1500 mm cable suspension); height adjustment without tools; incl. black feed; designed for continuous lighting systems, 90° angle connectors and node connectors with up to 4 profile connection options for flexible system design; with indirect light component for additional accentuation of the ceiling; indirect light component covered with opal lens cover; with integrated power track profile for take off of supply voltage and DALI signal; surface anodised black or powder coated in white / anodised black; can be installed flexibly and without tools by means of magnetic holders+locking; a maximum of 3 internal converters can be used in one system; binning initial ≤ 3 MacAdam; available in the light colour 3000K; CRI ≥ 90; min. 80% of the luminous flux after 50000 hours; degree of protection IP20; PCI / PCII (power supply) or PCIII (light insets); DALI control; sound absorbing accessories for installation in the MOVE IT suspended system composed of node connectors and 1210 mm profiles available

DE Aluminiumstrangpressprofil mit 45 mm Fugenbreite; für abgehängte Montage (1500 mm Seilabhängung); werkzeuglose Höhenverstellung; inkl. schwarzer Einspeiseleitung; ausgelegt für durchgehende Lichtsysteme, 90° Winkelverbinder und Knotenverbinder mit bis zu 4 Profilschlussmöglichkeiten für flexiblen Systemaufbau; mit indirekter Lichtkomponente für zusätzliche Akzentuierung der Decke; Indirektlichtanteil mit opaler Linsenabdeckung abgedeckt; mit integriertem Stromschienenprofil für Abnahme von Versorgungsspannung und DALI Signal; Oberfläche schwarz eloxiert oder weiß pulverbeschichtet / schwarz eloxiert; flexible und werkzeuglose Montage der Einsätze durch Magnethalterung+Verriegelung; maximal 3 interne Konverter in einem System verwendbar; Binning initial ≤ 3 MacAdam; lieferbar in der Lichtfarbe 3000 K; CRI ≥ 90; min. 80 % des Lichtstromes nach 50000h Lebensdauer; Schutzart IP 20; SKI / SKII (Netzversorgung) bzw. SKIII (Lichteinsätze); DALI-Steuerung; schallabsorbierendes Zubehör zum Einlegen in das MOVE IT suspended system aus Knotenverbinder und Profilen der Länge 1210 mm erhältlich

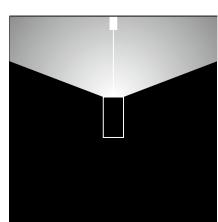
Features



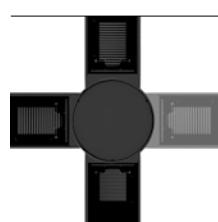
glare-free light insets
UGR < 19



inset single control
via X-TALK app



170° indirect
illumination



up to 4 node connection
options, 90° angle

Standard configuration**COLOUR TEMPERATURE**

3000K

CONTROL

DIM DALI single control

MATERIAL COLOUR
CHANNEL/END CAPS

black 8

8

MATERIAL COLOUR
MOUNTING/CONVERTERwhite 7
black 8

7 8

**MOVE IT 45 suspended indirect**

order installation track, light insets + mounting accessories separately

	CRI >90		48V
SINGLE			

INSTALLATION TRACK INDIRECT

L (mm)	SYS. POWER	COLOUR TEMP.	LUM. FLUX	ORDER CODE
610	6 W	3000K	590lm	0 5 0 - 4 4 3 2 5 3 <input checked="" type="checkbox"/>
1210	16 W	3000K	1650lm	0 5 0 - 4 4 3 4 5 3 <input checked="" type="checkbox"/>
2410	33 W	3000K	3540lm	0 5 0 - 4 4 3 8 5 3 <input checked="" type="checkbox"/>
653x609	13 W	3000K	1420lm	0 5 0 - 4 4 3 1 0 3 <input checked="" type="checkbox"/>
corner*				

*corner incl. electrical connector set

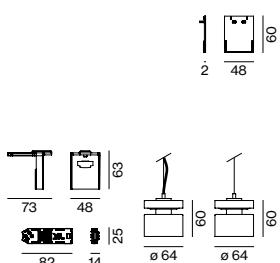
1207	blind cover	0 5 0 - 4 0 3 4 0 0 8
2407	blind cover	0 5 0 - 4 0 3 8 0 0 8
custom cut	blind cover	E 8 3 5 0 0 ··· 8 B

END CAPS

TYPE	ORDER CODE
end caps (pair)	0 5 0 - 4 3 3 0 0 0 <input checked="" type="checkbox"/>

Extended configuration**MATERIAL COLOUR
CHANNEL/END CAPS**

white/black P

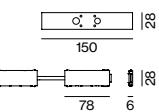
P
+20% surcharges**Options on request****COLOUR TEMPERATURE**

2700K

4000K

CONTROL

ZigBee 3.0

**NODE CONNECTOR**

TYPE	ORDER CODE
node connector 1500 mm cable suspension	0 5 0 - 2 0 3 3 1 3 0
node connector incl. feeder 1500 mm cable susp.	0 5 0 - 2 0 2 2 2 3 0
node end cap* incl. connector	0 5 0 - 4 3 3 0 1 0 8

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

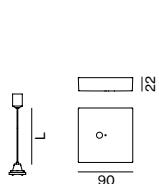
CONNECTOR SET

TYPE	ORDER CODE
mechanical linear connector suspended*	0 5 0 - 2 0 1 1 3 1 0
linear	0 5 0 - 2 0 3 1 1 3 0
linear flexible	0 5 0 - 2 0 3 2 1 3 0

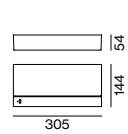
*incl. 1500 mm cable suspension

POWER FEEDER UNIT

TYPE	ORDER CODE
DIM DALI single control	0 5 0 - 2 0 2 2 1 3 0
2x2,5mm ² / 2x2,5 + 2x0,5mm ² / cable length 2000 mm	

**CEILING FASTENER / CABLE SUSPENSION / CANOPY**

TYPE	L (mm)	ORDER CODE
ceiling fastener	10	0 5 0 - 2 0 4 1 1 1 <input checked="" type="checkbox"/>
cable susp. (use every 1200 mm)	1500	0 0 5 - 2 1 5 2 1 1 0
canopy		0 0 5 - 2 3 1 1 2 1 1 0

**CONVERTER SURFACE supply 220-240 V AC, 48 V, 50-60 Hz**

TYPE	L-W-H (mm)	ORDER CODE
60 W <input checked="" type="checkbox"/> PCII	305-144-54	0 5 0 - 2 0 5 5 1 3 <input checked="" type="checkbox"/>
150 W <input checked="" type="checkbox"/> PCI	305-144-54	0 5 0 - 2 0 5 5 2 3 <input checked="" type="checkbox"/>
320 W <input checked="" type="checkbox"/> PCI	305-144-54	0 5 0 - 2 0 5 5 3 3 <input checked="" type="checkbox"/>

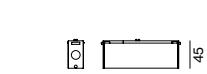
CONVERTER EXTERN supply 220-240 V AC, 48 V, 50-60 Hz

TYPE	L-W-H (mm)	ORDER CODE
60 W <input checked="" type="checkbox"/> PCII	163-43-32	0 0 2 - 6 2 1 3 3
150 W <input checked="" type="checkbox"/> PCI	222-68-39	0 0 2 - 6 0 1 5 6
320 W <input checked="" type="checkbox"/> PCI	252-90-44	0 0 2 - 6 0 3 2 0

**DALI SELV DEVICE**

TYPE	L-W-H (mm)	ORDER CODE
control unit	213-37-25	0 5 0 - 2 0 6 1 1 3 0

necessary to create DALI SELV signal

**DAYLIGHT & MOVEMENT SENSOR | DIM DALI**

TYPE	L-W-H (mm)	ORDER CODE
daylight & movement sensor	125-28-45	0 5 0 - 2 0 6 3 1 7 8

MOVE IT 45

linear insets

Standard configuration

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL

DIM DALI single control

LIGHT OPTIC

medium square 33° (UGR < 10)	
flood square 56° (UGR < 19)	

MATERIAL COLOUR
black

Options on request

COLOUR TEMPERATURE

tunable white (2700-6500K)

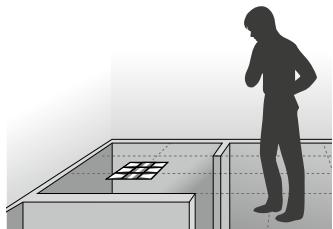
CONTROL

ZigBee 3.0

LIGHT OPTIC

spot round 12°
narrow medium round 25°
medium round 33° (UGR < 19)
flood round 46° (UGR < 19)
wide flood round 66°
wide flood square 70°
rectangular narrow 15x65°
rectangular medium 30x67°
wallwasher
wallwasher floor

Planning information



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

L1 Applications

	UGR < 10	CRI > 90			HOT PLUG SAFE	FICKER FREE
FLOOR						
INSET POWER	COLOUR TEMP.	LUMINOUS FLUX				ORDER CODE
4W	3000K 4000K	up to 340lm up to 360lm				090-9L1::3AB001

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

L2 Applications

	CRI > 90			HOT PLUG SAFE	FICKER FREE
WALL DIM DALI					
INSET POWER	COLOUR TEMP.	LUMINOUS FLUX			ORDER CODE
8W	3000K 4000K	590lm 630lm			090-9L2::3AB001

WALL FLOOR | DIM DALI

	2x wallwasher				ORDER CODE
INSET POWER	COLOUR TEMP.	LUMINOUS FLUX			
8W	3000K 4000K	620lm 660lm			090-9L2::3WB001

CORRIDOR | DIM DALI

	2x rectangular medium				ORDER CODE
INSET POWER	COLOUR TEMP.	LUMINOUS FLUX			
8W	3000K 4000K	620lm 670lm			090-9L2::3RB001

L4 Applications

	UGR < 10	CRI > 90			HOT PLUG SAFE	FICKER FREE
FLOOR/CORRIDOR DIM DALI						
INSET POWER	COLOUR TEMP.	LUMINOUS FLUX				ORDER CODE
16W	3000K 4000K	up to 1350lm up to 1450lm				090-9L4::3AB001

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

WALL | DIM DALI

	4x wallwasher				ORDER CODE
INSET POWER	COLOUR TEMP.	LUMINOUS FLUX			
16W	3000K 4000K	1180lm 1270lm			090-9L4::3AB001

MOVE IT 45

linear insets

Standard configuration

COLOUR TEMPERATURE	
3000K	5
4000K	6



WALL | DIM DALI

2x wallwasher 180° + 2x wallwasher

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

CONTROL

DIM DALI single control



WALL FLOOR | DIM DALI

4x wallwasher floor

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

MATERIAL COLOUR
black



Options on request

COLOUR TEMPERATURE
tunable white (2700-6500K)

CONTROL

ZigBee 3.0

LIGHT OPTIC

spot round 12°

narrow medium round 25°

medium round 33° (UGR < 19)

medium square 33° (UGR < 10)

flood round 46° (UGR < 19)

flood square 56° (UGR < 19)

wide flood round 66°

wide flood square 70°

rectangular narrow 15x65°

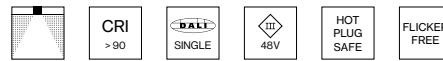
rectangular medium 30x67°

wallwasher

wallwasher floor



L6 Applications



WALL | DIM DALI

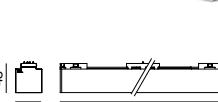
6x wallwasher



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



L10 OFFICE UGR < 19



SYS. POWER

COLOUR TEMP.

LUM. FLUX

L (mm)

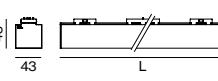
ORDER CODE

30 W	3000 K	2740 lm	381	0 5 0 - 3 2 1 1 :: 3 8 R
	4000 K	2920 lm		

available from Q3/19



OPAL



SYS. POWER

COLOUR TEMP.

LUM. FLUX

L (mm)

ORDER CODE

12 W	3000 K	1040 lm	605	0 5 0 - 3 2 1 2 :: 3 8 H
	4000 K	1120 lm		
25 W	3000 K	2090 lm	1205	0 5 0 - 3 2 1 4 :: 3 8 H
	4000 K	2240 lm		

MOVE IT 45

spotlight insets

Standard configuration

COLOUR TEMPERATURE

3000K

CONTROL

DIM DALI single control

MATERIAL COLOUR

black

BEAM ANGLE JUST 45

super spot 8°

medium 23°

BEAM ANGLE JUST 55

super spot 8° (only 9W)



V

spot 16°

S

medium 28°

M

flood 37°

F

Options on request

COLOUR TEMPERATURE

2700K

4000K

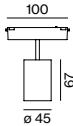
tunable white (2700-6500K)

CONTROL

ZigBee 3.0

MATERIAL COLOUR

white



JUST 45



CRI
>90



DALI
SINGLE



48V



HOT
PLUG
SAFE



FICKER
FREE

SYSTEM POWER

6W

super spot 8°

12W

medium 23°

COLOUR TEMP.

3000K

300lm

3000K

740lm

ORDER CODE

0 5 0 - 0 1 3 1 5 3 8 V

0 5 0 - 0 1 3 1 5 3 8 M

LIGHT DISTRIBUTION

super spot 8°

medium 23°

h (m)

10389

E0° (lx)

0,14

h (m)

3717

E0° (lx)

0,40

1

2597

0,28

2

1154

0,41

3

649

0,55

4

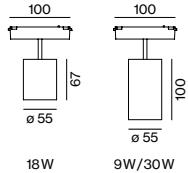
415

0,69

5

148

2,02



JUST 55



CRI
>90



DALI
SINGLE



48V



HOT
PLUG
SAFE



FICKER
FREE

SYSTEM POWER

9W

COLOUR TEMP.

3000K

430lm

ORDER CODE

0 5 0 - 0 1 4 1 5 3 8 V

18W

3000K

1230lm

0 5 0 - 0 1 4 1 5 3 8 ▲

30W

3000K

2090lm

0 5 0 - 0 1 4 2 5 3 8 ▲

LIGHT DISTRIBUTION

for 9W (super spot 8°), 18W, 3000K

super spot 8°

spot 16°

medium 28°

h (m)

17481

E0° (lx)

ø 0,15

h (m)

9219

E0° (lx)

0,28

1

4370

ø 0,29

2

2304

ø 0,56

3

1024

ø 0,84

4

576

1,12

5

368

1,39

h (m)

3964

E0° (lx)

ø 0,50

2

991

1,00

3

440

1,51

4

247

2,01

5

158

2,51

Optical accessories

HONEYCOMB LOUVER

TYPE	Ø·H (mm)	ORDER CODE
JUST 45	42·3	0 0 7 - 1 9 6 5 1 8 8
JUST 55	50·3	0 0 7 - 1 9 6 5 1 9 8

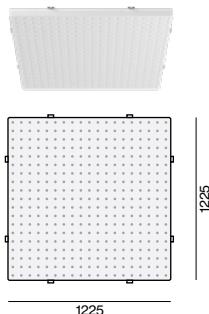


MOVE IT 45

acoustic accessories

Standard configuration

MATERIAL COLOUR	<input checked="" type="checkbox"/>
white	<input type="checkbox"/> 7
black	<input checked="" type="checkbox"/> 8



Quickinfo

ACOUSTIC
absorber
up to absorption class A

PHYSICAL
PET felt
from recycled material

Description

EN Highly effective acoustic element made of self-supporting polyester fleece for installation in the MOVE IT suspended system composed of node connectors and 1210 mm profiles

DE Hochwirksames Akustik-element aus selbsttragendem Polyester-Vlies zum Einlegen in das MOVE IT suspended system aus Knotenverbindern und Profilen der Länge 1210 mm

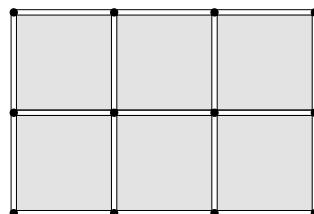
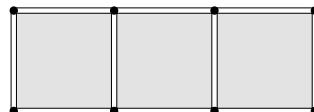
MOVE IT 45 suspended

MOVE IT ACOUSTIC SQUARE

TYPE	L-W-H (mm)	ORDER CODE
1200 inlay MOVE IT system*	1225·1225·57	0 5 0 - 2 3 0 2 2 1 <input checked="" type="checkbox"/>

* NODE connector + track 1210 mm

ACOUSTIC EXAMPLES

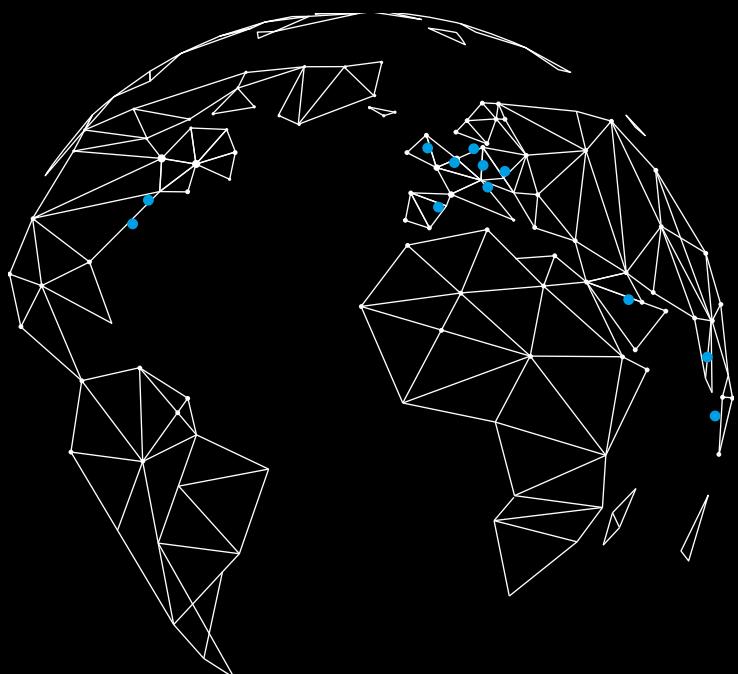


MORE SERVICES

Offices & Showrooms

EN Our team is at your side to help with your project anywhere in the world. We are there for you from the planning stage through to project completion. Visit xal.com/contact to find your XAL lighting expert – it's quick and easy.

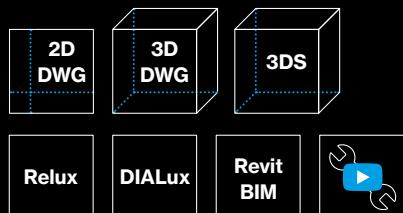
DE Wo auch immer Sie auf der Welt ein Projekt planen: Unser Team steht Ihnen persönlich zur Seite. Wir unterstützen Sie von der Planung bis hin zur Umsetzung Ihrer Konzepte. Finden Sie Ihren XAL-Lichtexperten einfach und schnell auf xal.com/kontakt.



Planning tools

EN We simplify each step of your planning process. Our online services save you valuable time, helping you focus on more important tasks. Simply download the 2D, 3D, and photometric data for our products from our website and use your own CAD, Relux, or DIALux lighting planning software. Our smart Autodesk Revit BIM data is highly precise. You can also find clear mounting instruction videos for our products at xal.com/downloads.

DE Wir vereinfachen jeden Schritt in Ihrem Planungsprozess. Mit unserem Online-Service gewinnen Sie wertvolle Zeit für Ihre wesentlichen Aufgaben. Laden Sie die 2D- und 3D- sowie die photometrischen Daten unserer Produkte einfach von unserer Website herunter und arbeiten Sie in Ihren CAD- oder in den Lichtplanungsprogrammen Relux und DIALux damit. Intelligent und mit hoher Präzision unterstützen Sie unsere BIM-Daten für Autodesk Revit. Auf xal.com/downloads finden Sie übrigens auch anschauliche Montagevideos zu unseren Produkten.



ISO certification

EN Since 2016, our production sites in Austria and Slovenia are certified in accordance with both the ISO 9001 quality standard and the ISO 14001 environmental standard.

DE Seit 2016 sind unsere Produktionsstandorte in Österreich und Slowenien nach dem Qualitätsstandard ISO 9001 und dem Umweltstandard ISO 14001 zertifiziert.

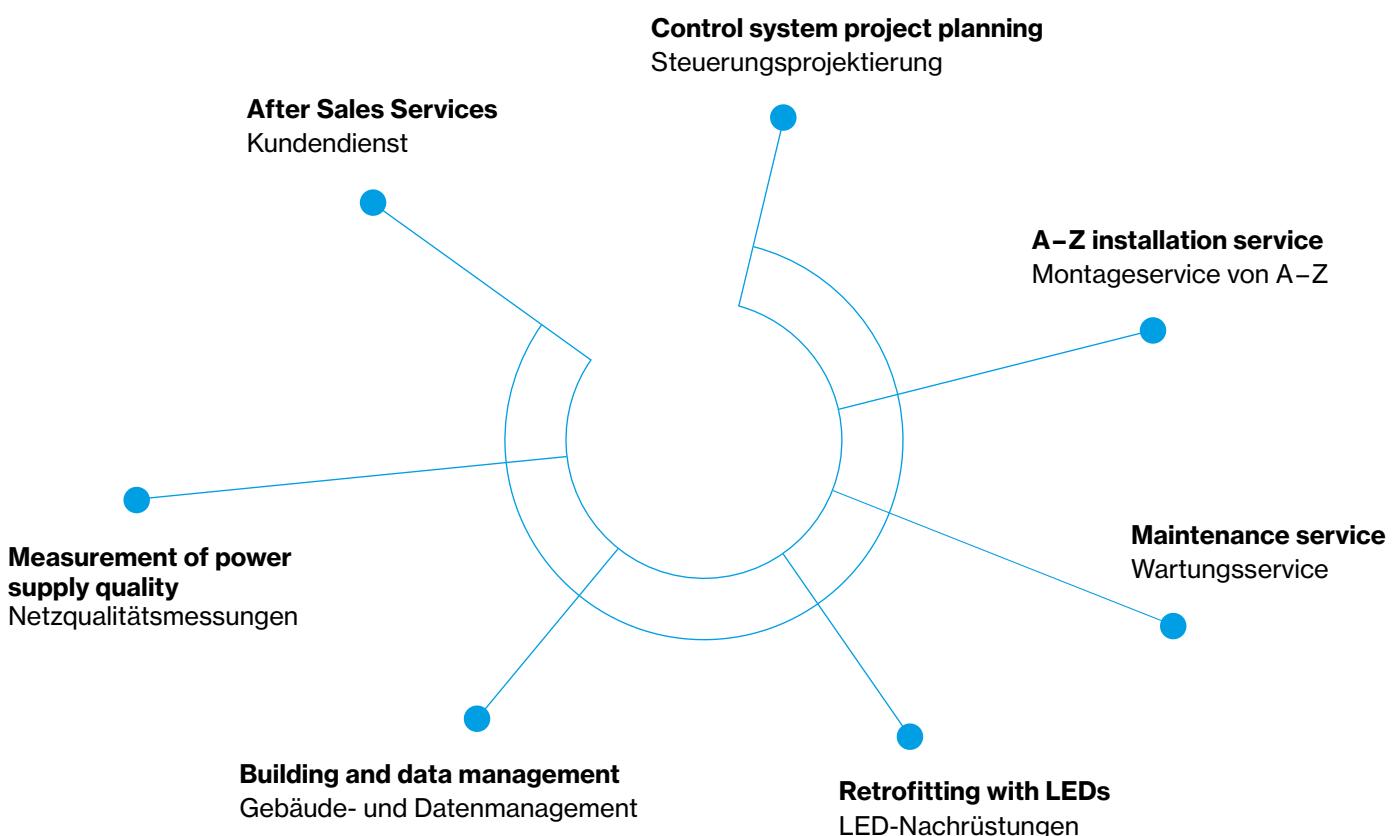
Full-service provider

EN Bespoke projects always raise diverse challenges and require complex planning decisions. The interdisciplinary XAL SMART SERVICES team of experts supports you during each building phase. Planning, installation, commissioning, and the management of modern lighting systems present a multifaceted challenge – one best solved by a team. We'd be delighted to be part of your success.

DE Individuelle Projekte bringen vielfältige Herausforderungen und komplexe Planungsentscheidungen mit sich. Das interdisziplinäre Spezialisten-Team von XAL SMART SERVICES unterstützt Sie dabei in jeder Leistungsphase. Konzeption, Montage, Inbetriebnahme und das Management moderner Beleuchtungsanlagen stellen eine vielschichtige Aufgabe dar, die man im Team einfach am besten löst. Wir freuen uns, wenn wir an Ihrem Erfolg teilhaben dürfen.

GET IN TOUCH

SERVICE HOTLINE
T +43.316.3170.9400
Mo – Fr 07:00 – 20:00 CET
service@xal.com



TECHNICAL INFORMATION

Notes on technical information

LUMINOUS FLUX

EN The information in this catalogue refers to the typical luminous flux at the specified temperature of the LEDs and under the specified electrical conditions.

DE Die Angaben zum Lichtstrom in diesem Katalog betreffen den typischen Leuchtenlichtstrom bei der angegebenen Temperatur der LEDs und unter den angegebenen elektrischen Bedingungen.

POWER CONSUMPTION

EN Information in this catalogue regarding the power consumption of the LEDs includes the power consumption of the driver electronics and the controller.

DE Die Angaben zu Leistungsaufnahmen der LEDs beinhalten die Leistungsaufnahme der Treiberelektronik und des Betriebsgeräts.

DIMMING

EN Minimal differences in light density can occur at the light-emitting surface in the 0–10% dimming range.

DE Es kann zu geringfügigen Leuchtdichteunterschieden an der Lichtaustrittsfläche im Dimmbereich zwischen 0–10% kommen.

BINNING

EN At the time of delivery, the colour location of an LED is within a three-step MacAdam ellipse around the specified colour location.

DE Zum Zeitpunkt der Auslieferung befindet sich der Farbort einer LED innerhalb einer 3-Step-MacAdam-Ellipse um den angegebenen Farbort.

LIFESPAN

EN Information about lifespan is based on an ambient temperature of 25°C.

DE Angaben zur Lebensdauer beziehen sich auf eine Umgebungstemperatur von 25°C.

MATERIAL COLOUR

8 black
RAL 9005 | jet black

7 white
RAL 9010 | pure white

Additional RAL colours on request.

TECHNICAL DATA

EN For the current value of the luminous flux and electrical power, please use the product search on our website www.xal.com/en/products.

DE Den aktuellen Wert des Lichtstroms und der elektrischen Leistung entnehmen Sie bitte der Produktsuche auf unserer Website www.xal.com/produkte.

LEGAL NOTES

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XAL HEADQUARTERS

XAL GmbH
Auer-Welsbach-Gasse 36
8055 Graz
AUSTRIA
T +43.316.3170.0
office@xal.com

XAL BRANCHES

XAL GmbH
Marxergasse 1B
1030 Vienna
AUSTRIA
T +43.1.5264784
office.vienna@xal.com

XAL Sp.z.o.o.
Ul. Działdowska 11/1
01-184 Warsaw
POLAND
T +48.221194499
office.pl@xal.com

XAL Finland Oy
Kaikukatu 4 B
00530 Helsinki
FINLAND
T +358.400.700.975
office.fi@xal.com

XAL Eastern Europe k.s.
Varsavská 5
83103 Bratislava
SLOVAKIA
T +421.2.32660.280
office.sk@xal.com

XAL Sarl
10, Rue Pecquay
75004 Paris
FRANCE
T +33.1.40299882
office.fr@xal.com

XAL Iluminación S.L.
Plaça Duc de Medinaceli 5
08002 Barcelona
SPAIN
T +34.912777577
office.es@xal.com

XAL GmbH
Wilhelm-Wagenfeld-Straße 16
80807 Munich
GERMANY
T +49.89.323738.0
office.de@xal.com

XAL Schweiz GmbH
Hohistrasse 517
8048 Zurich
SWITZERLAND
T +41.44.245.80.90
office.ch@xal.com

XAL India Pvt. Ltd.
F-II/13, MIDC, Pimpri
Pune 411018
INDIA
T +91.20.30065500
office.in@xal.com

XAL Middle East DMCC
HDS Business Center, Unit 704
Jumeirah Lakes Towers, Dubai
UNITED ARAB EMIRATES
T +971.4.4362347
office.dubai@xal.com

XAL Srl
Via Enrico Fermi 20
39100 Bolzano
ITALY
T +39.3476401293
office.it@xal.com

XAL Ltd.
23 Batemans Row
London EC2A 3HH
UNITED KINGDOM
T +44.2031740177
office.uk@xal.com

XAL B.V.
Pedro de Medinaalaan 1a
1086 XK Amsterdam
NETHERLANDS
T +31.202.296.001
office.nl@xal.com

XAL Inc.
133 West, 19th Street, 9th Floor
New York, NY 10011
USA
T +1.2123438100
office.us@xal.com



EN DE

MOVE IT 45 SYSTEM

XAL HEADQUARTERS

XAL GmbH
Auer-Welsbach-Gasse 36
8055 Graz

AUSTRIA

T +43.316.3170.0
office@xal.com