

MINO 40 system

ceiling / suspended

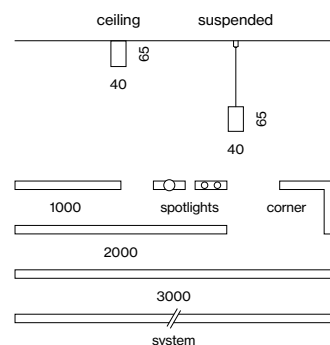
EN Luminaire housing from extruded aluminium profile, angular design; no visible screws; for lighting systems; powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; HPO (High Performance Opal) cover in the length of the light inset or continuous cover (both separately available); optional high gloss reflector with faceted design; pre-assembled power rail for power supply in luminaire profile; voltage tap of the light inset on the power rail; ceiling surface mounting or suspended mounting; height adjustment without tools; with transparent feeder cable; light inset consisting of highly reflective coated extruded profile, improved thermal management; energy-eff. LEDs - very good colour rendering; optionally spotlight modules can be installed

DE Leuchtenkörper aus Aluminiumstrangpressprofil, kantige Ausführung; keine sichtbaren Schrauben; für Lichtsysteme; pulverbeschichtet; Leuchtenprofil für Montage vorab lieferbar; restliche Leuchtenkomponenten werkzeuglos montierbar; HPO (High Performance Opal) Abdeckung in Lichteinsatzlänge oder durchgängige Abdeckung (beide separat zu bestellen); optional hochglänzender Reflektor mit Facettenoptik; vormontierte Stromschiene zur Spannungsversorgung im Leuchtenprofil; Lichteinsatz-Spannungsabgriff an der Stromschiene; Deckenanbau oder abgehängte Montage; werkzeuglose Höhenverstellung; inkl. transp. Einspeiseleitung; Lichteinsatz aus hochreflektierend lackiertem Strangpressprofil, verbessertes Thermomanagement; energieeff. LEDs - sehr gute Farbwiedergabe; wahlweise Strahlereinsätze einsetzbar

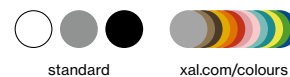
Quickinfo

3000K, 4000K
CRI ≥ 90, 3 SDCM
up to 2420 lm/m
up to 123 lm/W
L85 @ 50000h
opal, reflector (UGR ≤ 19)

Types



Colours



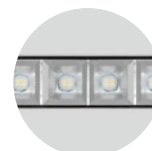
Light distributions



DiiA® standards
251, 252, 253



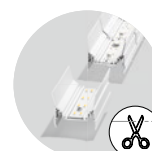
snap-in system
(patent pending)



DIN EN 12464-1
UGR ≤ 19



spotlight
insets (p.130)



breakable
flex insets

Order options

LED TYPE

mid lumen	1
high lumen	2

COLOUR TEMPERATURE

3000K	0
4000K	1

CONTROL

DALI-2	
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MATERIAL COLOUR

<input type="radio"/> pure white RAL 9010	7
<input type="radio"/> traffic white RAL 9016	W
<input type="radio"/> white aluminium RAL 9006	G
<input checked="" type="radio"/> jet black RAL 9005	8
<input type="radio"/> special colours	X

LENGTH

1000mm	1
2000mm	2
3000mm	3

LIGHT OPTIC COVER

opal high performance	
reflector (UGR ≤ 19)	

LIGHT OPTIC COLOUR

chrome reflector	R
dark chrome reflector	B

ACCESSORY COLOUR

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



MINO 40 ceiling/suspended

INSTALLATION CHANNEL

TYPE	L (mm)	ORDER CODE
channel	1000	0 4 2 - 1 0 0 2 0 1 <input checked="" type="checkbox"/>
channel	2000	0 4 2 - 1 0 0 4 0 1 <input checked="" type="checkbox"/>
channel	3000	0 4 2 - 1 0 0 6 0 1 <input checked="" type="checkbox"/>
channel corner 90°/opal cover	250 x 250	0 4 2 - 1 0 0 C 0 1 <input checked="" type="checkbox"/> H

LIGHT OPTIC COVER 40

TYPE	L (mm)	ORDER CODE
linear cover	see left	0 0 6 - 4 2 L 0 0 1 0 H
continuous linear cover	6000	0 0 6 - 2 2 0 6 0 1 0 H
continuous linear cover	25000	0 0 6 - 2 2 2 5 0 1 0 H
blind cover	see left	0 0 6 - 4 2 L 0 0 1 <input checked="" type="checkbox"/> B



LIGHT INSET 40

SYSTEM POWER (MID/HIGH LUMEN)	L (mm)	ORDER CODE
12.4/20.1W	1000	0 4 2 - 0 1 L 2 :: 3 7
24.8/40W	2000	0 4 2 - 0 1 L 4 :: 3 7
37/60W	3000	0 4 2 - 0 1 L 6 :: 3 7
12.4/20.1W flex	500-1000	0 4 2 - 0 1 L F :: 3 7
24.8/40W flex	1500-2000	0 4 2 - 0 1 L G :: 3 7

LED TYPE / COVER	SYSTEM POWER	DELIVERED LM	EFFICACY
mid lumen/opal/4000K	12.4W/m	1430lm/m	116lm/W
high lumen/opal/4000K	20.1W/m	2240lm/m	112lm/W

Reflector Insets

LIGHT INSET 40 REFLECTOR

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
13.3W	3000K	1540lm	500	0 4 2 - 0 1 1 1 :: 3 7 <input type="checkbox"/>
	4000K	1610lm		
26.6W	3000K	3080lm	1000	0 4 2 - 0 1 1 2 :: 3 7 <input type="checkbox"/>
	4000K	3220lm		
40W	3000K	4610lm	1500	0 4 2 - 0 1 1 3 :: 3 7 <input type="checkbox"/>
	4000K	4830lm		
53W	3000K	6150lm	2000	0 4 2 - 0 1 1 4 :: 3 7 <input type="checkbox"/>
	4000K	6450lm		

Spotlight Insets

see next page

Accessories

END CAPS

TYPE	ORDER CODE
end caps (pair)	0 4 2 - 1 0 9 0 0 1 <input checked="" type="checkbox"/>

POWER FEEDER UNIT

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

LINEAR CONNECTOR

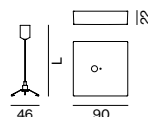
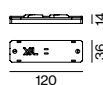
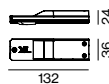
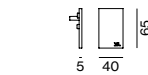
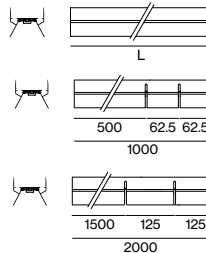
TYPE	ORDER CODE
mechanical linear connector	0 4 2 - 7 0 9 1 1 1 0
mechanical & electrical linear connector	0 4 2 - 7 0 9 1 2 3 0
opal cover linear connector	0 4 2 - 1 0 9 1 9 1 0

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 suspension	1500	0 0 5 - 2 1 5 2 1 1 0
canopy		0 0 5 - 2 3 1 1 2 1 <input checked="" type="checkbox"/>
feeder cable (transparent)		0 0 5 - 2 4 1 2 4 1 0

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

LUMINOUS FLUX value calculated for
4000K, CRI ≥ 90, colour white, cover opal
3000K -5 %





SPOTLIGHT insets

profiles 40

EN Cylindrical spotlight made of aluminium; powder coated; spotlight can be installed without tools in MINO 40 system or FRAME 40 system; choice of single lamp or double lamps; spotlight head rotatable (SASSO 40) or rotatable and tiltable (BO); converter in the adapter; high quality, aluminium, vapour deposition coated reflector with faceted design; precise radiation characteristics with different beam angles; optional asym. light distribution; good glare reduction due to recessed light point plane; optical attachments as accessories; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-eff. LEDs - very good colour rendering

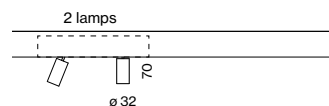
DE Zylindrischer Strahler aus Aluminium; pulverbeschichtet; Strahler in MINO 40 system oder FRAME 40 system werkzeuglos einsetzbar; wahlweise einflamig oder zweiflamig; Strahlerkopf drehbar (SASSO 40) bzw. dreh- und schwenkbar (BO); Konverter im Adapter; hochwertiger, aluminiumbedampfter Reflektor mit Facettenoptik; präzise Abstrahlcharakteristik mit verschiedenen Ausstrahlwinkeln; optional asym. Lichtverteilung; gute Entblendung durch zurückversetzte Lichtpunktebene; optische Aufsätze als Zubehör; mit COB (Chip on Board) Technologie für höchste Effizienz; keine Mehrfachschatten; energieeff. LEDs - sehr gute Farbwiedergabe

Quickinfo

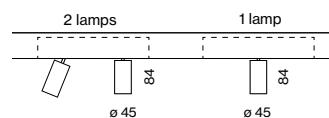
3000K, 4000K
CRI ≥ 90, 2 SDCM
BO 32 up to 79lm/W
BO 45 up to 85lm/W
SASSO 40 up to 84lm/W
L80 @ 50000h
DALI-2

Types

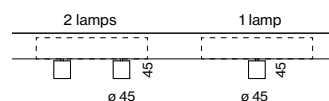
BO 32



BO 45



SASSO 40 wallwasher floor



Colours



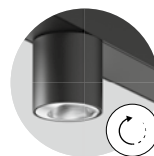
Light distributions



DiiA® standards
251, 252, 253



snap-in system
(patent pending)



wallwasher floor
360° rotatable



wallwasher
floor

Order options

COLOUR TEMPERATURE	
3000K	0
4000K	1

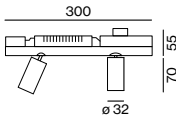
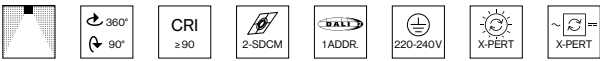
CONTROL	
DALI-2	

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

BEAM ANGLE SPOTLIGHT 32	
spot 18°	S
medium 23°	M
flood 37°	F

BEAM ANGLE SPOTLIGHT 45	
spot 14°	S
medium 24°	M
flood 39°	F

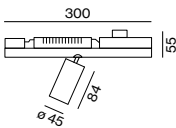
BO 32



2 LAMPS

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
20.6 W	2 × 810 lm	0 4 2 - 0 6 1 0 :: 3 ▲
honeycomb louver		0 0 7 - 1 9 6 5 1 8 8

BO 45



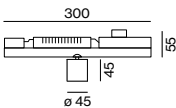
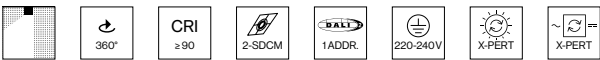
1 LAMP

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
15 W	spot 1060 lm	0 4 2 - 0 5 2 0 :: 3 ▲ S
15.9 W	medium, flood 1340 lm	0 4 2 - 0 5 2 0 :: 3 ▲ ▲
honeycomb louver		0 0 7 - 1 9 6 5 1 8 8

2 LAMPS

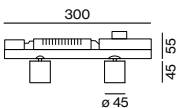
SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
30 W	spot 2 × 1060 lm	0 4 2 - 0 6 2 0 :: 3 ▲ S
32 W	medium, flood 2 × 1340 lm	0 4 2 - 0 6 2 0 :: 3 ▲ ▲
honeycomb louver		0 0 7 - 1 9 6 5 1 8 8

SASSO 40 wallwasher / floor



1 LAMP

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
9 W	659 lm	0 4 2 - 0 5 2 0 :: 3 ▲ W



2 LAMPS

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
15.9 W	2 × 659 lm	0 4 2 - 0 6 2 0 :: 3 ▲ W

LUMINOUS FLUX value calculated for
4000K, CRI ≥ 90, colour white, medium
3000K -5 %