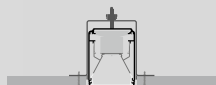


MINIMAL 60

trimless system

xal.com/minimal



Quickinfo

GENERAL

recessed
IP 20
opt. concrete installation housing

LED

Mid-power LED
up to 3562 lm/m
up to 115 lm/W
3000 K, 4000 K
CRI \geq 80
Binning initial \leq 3 MacAdam

ESTIMATED LED LIFETIME

L80/50 000 h

OPTICAL

direct illumination
PMMA cover opal
microprismatic (UGR < 19)

ELECTRICAL

non DIM, DIM DALI

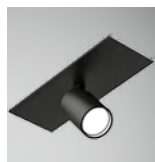
PHYSICAL

aluminium
powder-coated
halogen-free cable

INSET 60

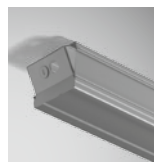
wallwasher,
JUST 32, EM

[page 524](#)



CONCRETE INSTALLATION HOUSING

[page 546](#)



Description

DE Leuchtenkörper aus Aluminiumstrangpressprofil mit 55 mm breitem Lichtaustritt; geeignet für den randlosen Einbau in Gipskartondecken; spezielle Randausbildung mit Rillen für bessere Haftung der Spachtelmasse; für durchgehende Lichtsysteme; für Deckenstärken von 8-25 mm; Oberfläche weiß pulverbeschichtet; Leuchtenprofil für Montage vorab lieferbar; restliche Leuchtenkomponenten werkzeuglos montierbar; Lichteinsatz bestehend aus hochreflektierend lackiertem Strangpressprofil für verbessertes Thermomanagement; optional flexibel ablängbarer Lichteinsatz; HPO (High Performance Opal) Abdeckung für homogene Ausleuchtung; mikroprismatische PMMA-Abdeckung inkl. Diffusorfolie zur Reduktion der Leuchtdichte bei homogener Ausleuchtung; bildschirmtaugliche Arbeitsplatzleuchte nach DIN EN 12464-1 (UGR < 19) bei Powerswitch-Einstellung "e"; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Powerswitch (e, e², e²⁺) bei schaltbarer Ausführung, am Lichteinsatz einstellbar; Leistungsaufnahme: e LED - 16 W/m, e² LED - 24 W/m, e²⁺ LED - 36 W/m; Binning initial \leq 3 MacAdam; Lichtfarbe 3000 K oder 4000 K, optional mit Tunable-White Bestückung (3000–6000 K); CRI \geq 80; L80/50 000 h; Schutzart IP20; SK I; wahlweise nicht dimmbar oder DALI-dimmbar; optional Notlichtelement mit 1h oder 3h Akku und Selbsttest

EN Luminaire housing from extruded aluminium profile with 55 mm wide light exit; for trimless installation in plasterboard ceilings; special edge design with grooves for better adhesion of filler; for continuous lighting systems; for ceiling thickness of 8-25 mm; surface white powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; lighting insert 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; screen work capable luminaire as per DIN EN 12464-1 (UGR < 19) with powerswitch setting "e"; energy-efficient LEDs with very good colour rendering; powerswitch (e, e², e²⁺) with switchable versions, adjustable on the insert; power consumption: e LED - 16 W/m, e² LED - 24 W/m, e²⁺ LED - 36 W/m; binning initial \leq 3 MacAdam; light colour 3000 K or 4000 K, optionally with tunable-white diodes (3000–6000 K); CRI \geq 80; L80/50 000 h; protection class IP20; PC I; optionally non-dimmable or DALI dimmable; optionally emergency light with 1h or 3h battery and self test

Features



non DIM power switch
(switchable e/e²/e²⁺)



quick lock



flex inset 73 mm steps
adjust. (660–1171 mm)



tunable white
3000–6000 K

Standard configuration

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM (switchable e/e ² /e ²⁺)	1
DIM DALI (only e ²)	3
presetting at delivery: e ²	

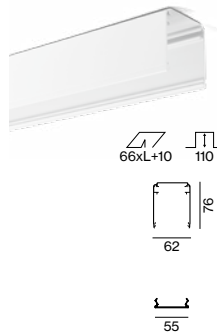
MATERIAL COLOUR	
white	



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

*UGR < 19 only with e LED
**only for channel corner 90°

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



MINIMAL 60 trimless

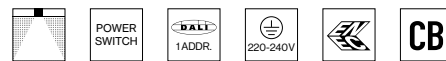
order installation channel, cover, light inset + mounting accessories separately

INSTALLATION CHANNEL / LIGHT OPTIC COVER / CORNER 90°

TYPE	L (mm)	ORDER CODE
channel	1172	0 3 6 - 0 1 2 4 7
channel	1472	0 3 6 - 0 1 5 4 7
channel	3000	0 3 6 - 0 3 0 4 7
channel	custom	E 8 2 0 3 0 7
cover	1171	0 0 6 - 1 6 1 2 2 □
cover	1470	0 0 6 - 1 6 1 5 2 □
cover	2997	0 0 6 - 1 6 3 0 2 □
cover	custom	E 8 0 6 3 0 0 □
channel corner 90° + cover	140x140	0 3 6 - 1 2 6 4 7 □
blind cover	1172	0 0 6 - 1 8 1 2 7
blind cover	1472	0 0 6 - 1 8 1 5 7
blind cover	3000	0 0 6 - 1 8 3 0 7
blind cover	custom	E 8 0 6 3 0 7 B

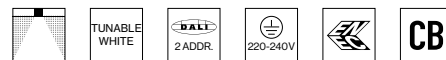
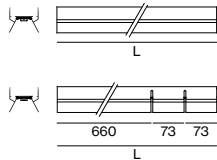
more lengths, X- and T-connector on request

LIGHT INSET 60



non DIM power switch e/e²/e²⁺ / DIM DALI e²

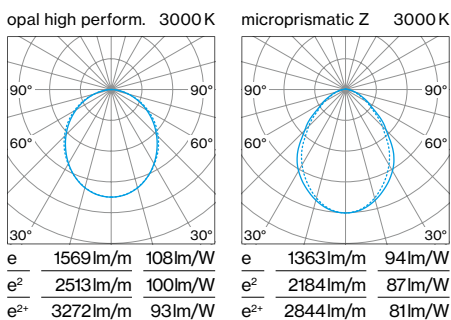
SYSTEM POWER (e / e ² / e ²⁺)	L (mm)	ORDER CODE
10 / 15 / 21W	571	0 0 7 - 9 3 P 2 :: 7
13 / 22 / 31W	871	0 0 7 - 9 3 P 3 :: 7
17 / 29 / 41W	1171	0 0 7 - 9 3 P 4 :: 7
21 / 37 / 52W	1463	0 0 7 - 9 3 P 5 :: 7 ●
34 / 59 / 82W	2341	0 0 7 - 9 3 P 8 :: 7
flexible inset 17 / 29 / 41W	660-1171	0 0 7 - 9 3 P F :: 7



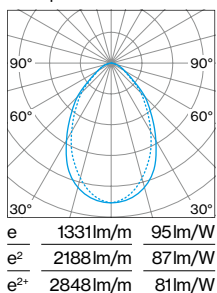
DIM DALI tunable white 3000-6000K

SYSTEM POWER (e ²)	L (mm)	ORDER CODE
22 W	871	0 0 7 - 9 3 3 3 D 3 7
29 W	1171	0 0 7 - 9 3 3 4 D 3 7
37 W	1463	0 0 7 - 9 3 3 5 D 3 7
59 W	2341	0 0 7 - 9 3 3 8 D 3 7

LIGHT DISTRIBUTION



microprismatic G 3000K



Accessories

END CAPS

TYPE	ORDER CODE
end caps (pair)	0 3 6 - 1 3 0 4 7

LINEAR CONNECTOR

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

MOUNTING BRACKET

TYPE	CEILING THICKNESS (mm)	ORDER CODE
mounting bracket (1 piece)	8-25	0 3 6 - 1 0 2 0 0
mounting bracket (25 pieces)	8-25	0 3 6 - 1 0 2 0 0 . 2 5

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

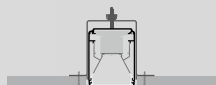
THROUGH WIRE

TYPE	ORDER CODE
3 × 1,5 mm ² (non DIM, 10 pieces)	0 0 4 - 9 0 0 0 3
5 × 1,5 mm ² (DIM DALI, 10 pieces)	0 0 4 - 9 0 0 0 5

MINIMAL 60 CURVE

trimless system

xal.com/minimal



Quickinfo

GENERAL

recessed
IP20

LED

Mid-power LED
up to 2450lm/m
up to 114lm/W
3000 K, 4000 K
CRI ≥ 80
Binning initial ≤ 3 MacAdam

ESTIMATED LED LIFETIME

L80/50 000 h

OPTICAL

direct illumination
PMMA cover opal
microprismatic

ELECTRICAL

non DIM, DIM DALI

PHYSICAL

aluminium
powder-coated
halogen-free cable

Description

DE Kreissegment aus gerolltem Aluminiumprofil mit 55 mm breitem Lichtaustritt, nahtlos verschweißt; geeignet für den randlosen Einbau in Gipskartondecken; spezielle Randausbildung mit Rillen für bessere Haftung der Spachtelmasse; ausgelegt für durchgehende Lichtsysteme; geeignet für Deckenstärken von 8-25 mm; Oberfläche weiß pulverbeschichtet; Leuchtenprofil für Montage vorab lieferbar; restliche Leuchtenkomponenten werkzeuglos montierbar; Lichteinsatz bestehend aus hochreflektierend lackiertem Strangpressprofil für verbessertes Thermomanagement; HPO (High Performance Opal) Abdeckung für homogene Ausleuchtung; mikroprismatische PMMA-Abdeckung inkl. Diffusorfolie zur Reduktion der Leuchtdichte bei homogener Ausleuchtung; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Binning initial ≤ 3 MacAdam; lieferbar in den Lichtfarben 3000 K und 4000 K; CRI ≥ 80; min. 80% des Lichtstromes nach 50 000 h Lebensdauer; Schutzart IP20; SK I; wahlweise nicht dimmbar oder DALI-dimmbar

EN Circular segment of rolled aluminium profile with 55 mm wide light emission, seamlessly welded; for trimless installation in plasterboard ceilings; special edge design with grooves for better adhesion of filler; designed for continuous lighting systems; suitable for ceiling thickness of 8-25 mm; surface white powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; lighting insert 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; binning initial ≤ 3 MacAdam; available in the light colours 3000 K and 4000 K; CRI ≥ 80; min. 80% of the luminous flux after 50 000 hours; protection class IP20; PC I; optionally non-dimmable or DALI dimmable

Standard configuration

LED TYPE	
e	4
e ²	5

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DIM DALI (only e ²)	3

MATERIAL COLOUR	
white	



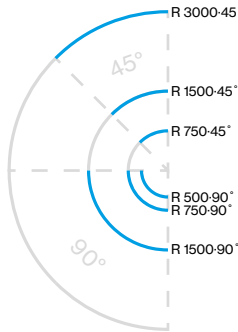
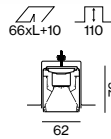
LIGHT OPTIC COVER	
opal high performance	H

Extended configuration

LIGHT OPTIC COVER	
microprismatic	Z

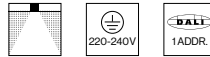
Options on request

LIGHT OPTIC COVER	
microprismatic (UGR < 19)	



MINIMAL 60 CURVE trimless

order installation channel + mounting accessories separately

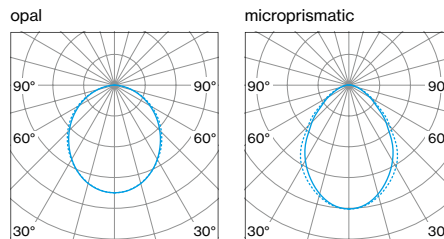


INSTALLATION CHANNEL + LIGHT INSET + LIGHT OPTIC COVER

SYSTEM POWER (e / e ²)	R (mm)	ORDER CODE
13 / 17W	500-90°	0 3 6 - 0 9 5 7
10 / 13W	750-45°	0 3 6 - 0 9 0 7
18 / 27W	750-90°	0 3 6 - 0 9 1 7
18 / 27W	1500-45°	0 3 6 - 0 9 2 7
37 / 53W (2 DALI)	1500-90°	0 3 6 - 0 9 3 7
37 / 53W (2 DALI)	3000-45°	0 3 6 - 0 9 4 7

COVER	LED TYPE	COLOUR TEMP.	SYSTEM POWER	DELIVERED LUMENS	EFFICACY
opal cover	e	3000K	16W/m	1670lm/m	107lm/W
		4000K		1780lm/m	114lm/W
microprismatic cover	e ²	3000K	23W/m	2300lm/m	101lm/W
		4000K		2440lm/m	108lm/W
	e	3000K	16W/m	1630lm/m	104lm/W
		4000K		1730lm/m	111lm/W
	e ²	3000K	23W/m	2240lm/m	99lm/W
		4000K		2390lm/m	105lm/W

LIGHT DISTRIBUTION



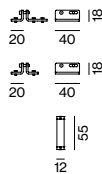
Accessories

END CAPS



TYPE	ORDER CODE
end caps (pair)	0 3 6 - 1 3 0 4 7

LINEAR CONNECTOR



TYPE	ORDER CODE
linear to curve profile	0 0 5 - 4 0 1 5 9
curve to curve profile	0 0 5 - 4 0 1 5 8
opal cover linear connector	0 0 6 - 1 4 0 0 0
microprismatic cover linear connector	0 0 6 - 1 6 0 0 0

INSTALLATION TEMPLATE

TYPE	ORDER CODE
500 / 90°	0 3 4 - 0 9 0 1 3 1 0
750 / 90° (2x45°)	0 3 4 - 0 9 0 1 0 1 0
1500 / 45°	0 3 4 - 0 9 0 1 1 1 0
3000 / 22,5°	0 3 4 - 0 9 0 1 2 1 0

034-0901010 (1 piece) 034-0901010.10 (10 pieces)

THROUGH WIRE

TYPE	ORDER CODE
3 × 1,5 mm ² (non DIM, 10 pieces)	0 0 4 - 9 0 0 0 3
5 × 1,5 mm ² (DIM DALI, 10 pieces)	0 0 4 - 9 0 0 0 5

Inspiration

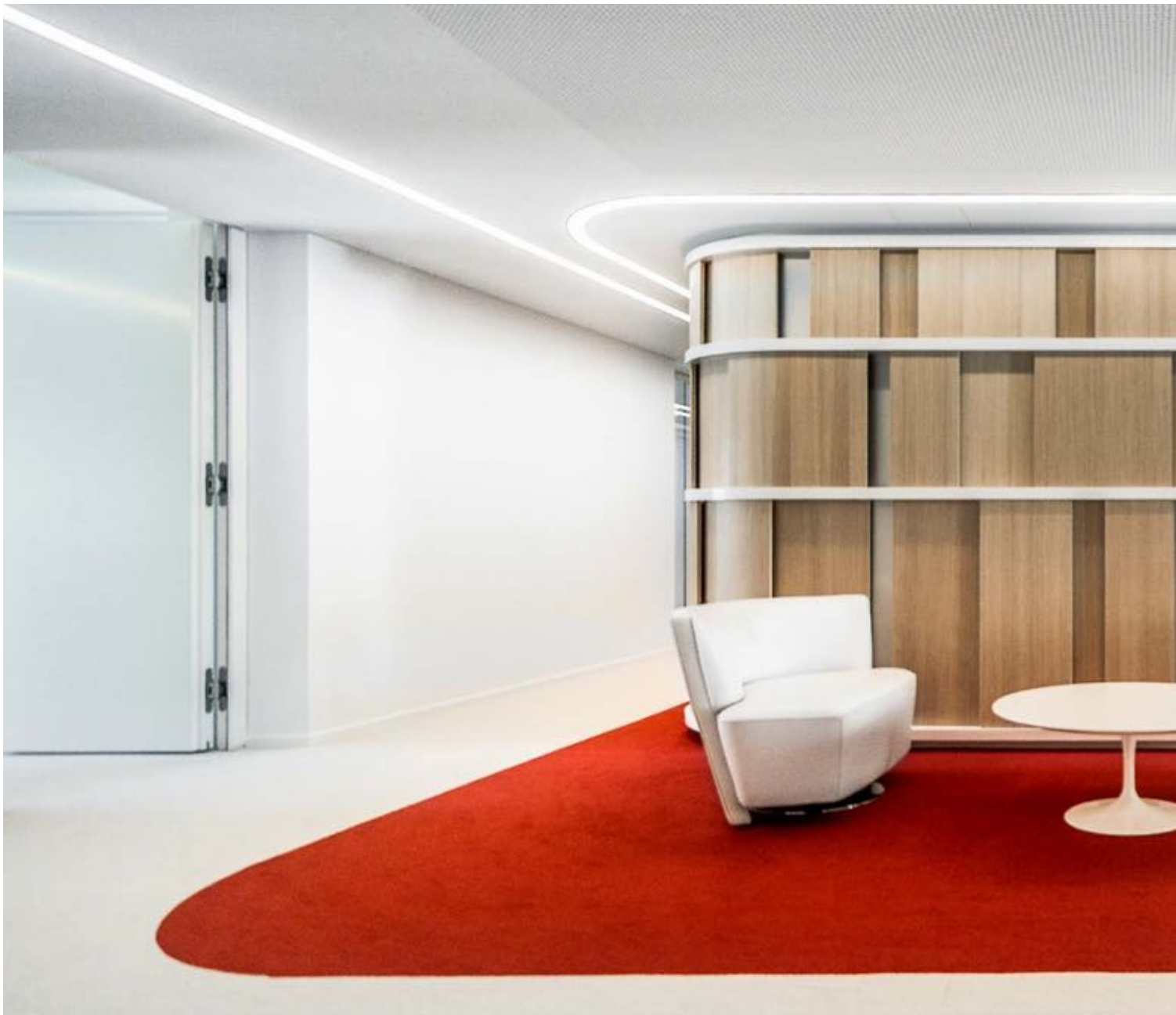
CMS Office
Paris, France

ARCHITECT

Lobjoy & Bouvier & Boisseau
Boulogne-Billancourt, France

PRODUCT

MINIMAL 60 CURVE trimless system
MINIMAL 60 trimless system





Inspiration

Telecable
Gijón, Spain

PRODUCT
MINIMAL 60 trimless system

ARCHITECT
Arquitectos Pablo Poch
Duo Comunicacion
Gijón, Spain

LIGHTING DESIGN
Lux Gijón
Gijón, Spain

