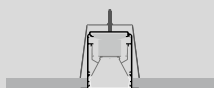


FRAME 60

trim system

xal.com/frame



Quickinfo

GENERAL

recessed
IP20
opt. concrete installation housing

LED

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

ESTIMATED LED LIFETIME

L80/50000h

OPTICAL

direct illumination
PMMA cover opal
microprismatic (UGR < 19)

ELECTRICAL

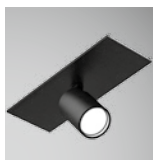
non DIM, DIM DALI

PHYSICAL

aluminium
powder-coated
halogen-free cable

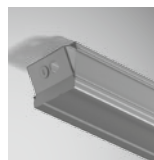
INSET 60

wallwasher,
JUST 32, EM
[page 524](#)



CONCRETE INSTALLATION HOUSING

[page 546](#)



Description

DE Leuchtenkörper aus Aluminiumstrangpressprofil mit 55mm breitem Lichtaustritt; Einbauleuchte mit umlaufendem Rand; ausgelegt für durchgehende Lichtsysteme; geeignet für Deckenstärken von 8-25mm; Oberfläche weiß oder grau 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 ≤ 3 MacAdam; lieferbar in den Lichtfarben 3000K und 4000K, optional mit Tunable-White Bestückung (3000–6000K); CRI ≥ 80; min. 80% des Lichtstromes nach 50000h Lebensdauer; 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 55mm wide light exit; Recessed luminaire with trim; designed for continuous lighting systems; suitable for ceiling thickness of 8-25mm; surface powder coated in white or grey; 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 ≤ 3 MacAdam; available in the light colours 3000K and 4000K, optionally with tunable-white diodes (3000–6000K); CRI ≥ 80; min. 80% of the luminous flux after 50000 hours; 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. (660–1171mm)



tunable white
3000–6000K

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 | 7 |



| | |
|----------------------------|---|
| 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 |

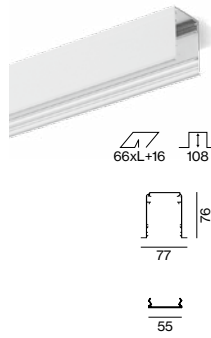
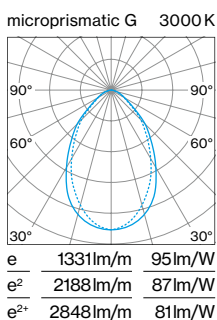
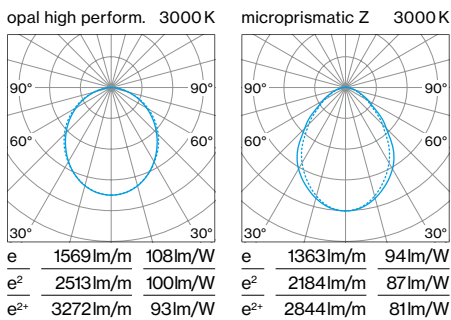
Extended configuration

| | |
|------------------------|----|
| MATERIAL COLOUR | ☑️ |
| grey | G |



+5% surcharges

LIGHT DISTRIBUTION



FRAME 60 trim

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 5 - 0 1 2 3 ☑️ |
| channel | 1472 | 0 3 5 - 0 1 5 3 ☑️ |
| channel | 3000 | 0 3 5 - 0 3 0 3 ☑️ |
| channel | custom | E 8 2 1 4 0 ···· ☑️ |
| 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 | 144x144 | 0 3 5 - 1 2 6 3 ☑️ ☐ |
| blind cover | 1172 | 0 0 6 - 1 8 1 2 ☑️ |
| blind cover | 1472 | 0 0 6 - 1 8 1 5 ☑️ |
| blind cover | 3000 | 0 0 6 - 1 8 3 0 ☑️ |
| blind cover | custom | E 8 0 6 3 0 ···· ☑️ 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 |
|--------------------------------|--------|-----------------------|
| 22W | 871 | 0 0 7 - 9 3 3 3 D 3 7 |
| 29W | 1171 | 0 0 7 - 9 3 3 4 D 3 7 |
| 37W | 1463 | 0 0 7 - 9 3 3 5 D 3 7 |
| 59W | 2341 | 0 0 7 - 9 3 3 8 D 3 7 |

Accessories

END CAPS



| TYPE | ORDER CODE |
|-----------------|--------------------|
| end caps (pair) | 0 3 5 - 1 3 1 3 ☑️ |

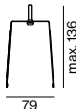
LINEAR CONNECTOR



| 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 5 - 1 0 2 0 0 |
| mounting bracket (25 pieces) | 8-25 | 0 3 5 - 1 0 2 0 0 . 2 5 |

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

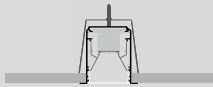
THROUGH WIRE

| 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 |

FRAME 60 CURVE

trim system

xal.com/frame



Quickinfo

GENERAL

recessed
IP20

LED

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

ESTIMATED LED LIFETIME

L80/50000h

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; Einbauleuchte mit umlaufendem Rand; ausgelegt für durchgehende Lichtsysteme; geeignet für Deckenstärken von 8-25 mm; Oberfläche weiß oder grau 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 3000K und 4000K; CRI ≥ 80; min. 80% des Lichtstromes nach 50000h 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; Recessed luminaire with trim; designed for continuous lighting systems; suitable for ceiling thickness of 8-25 mm; surface powder coated in white or grey; 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 3000K and 4000K; CRI ≥ 80; min. 80% of the luminous flux after 50000 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 | 7 |



| | |
|--------------------------|---|
| LIGHT OPTIC COVER | |
| opal high performance | H |

Extended configuration

| | |
|------------------------|---|
| MATERIAL COLOUR | |
| grey | G |



+5% surcharges

| | |
|--------------------------|---|
| LIGHT OPTIC COVER | |
| microprismatic | Z |

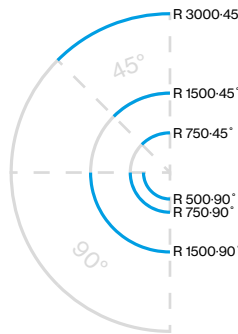
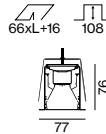
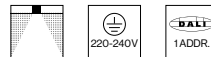
Options on request

| | |
|---------------------------|--|
| LIGHT OPTIC COVER | |
| microprismatic (UGR < 19) | |



FRAME 60 CURVE trim

order installation channel + mounting accessories separately

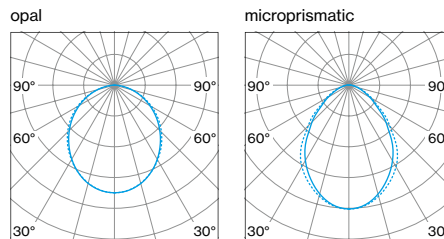


INSTALLATION CHANNEL + LIGHT INSET + LIGHT OPTIC COVER

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

| 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 5 - 1 3 1 3 |

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 |

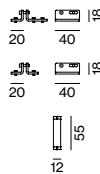
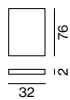
INSTALLATION TEMPLATE

| | |
|-------------------|-----------------------|
| 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 |



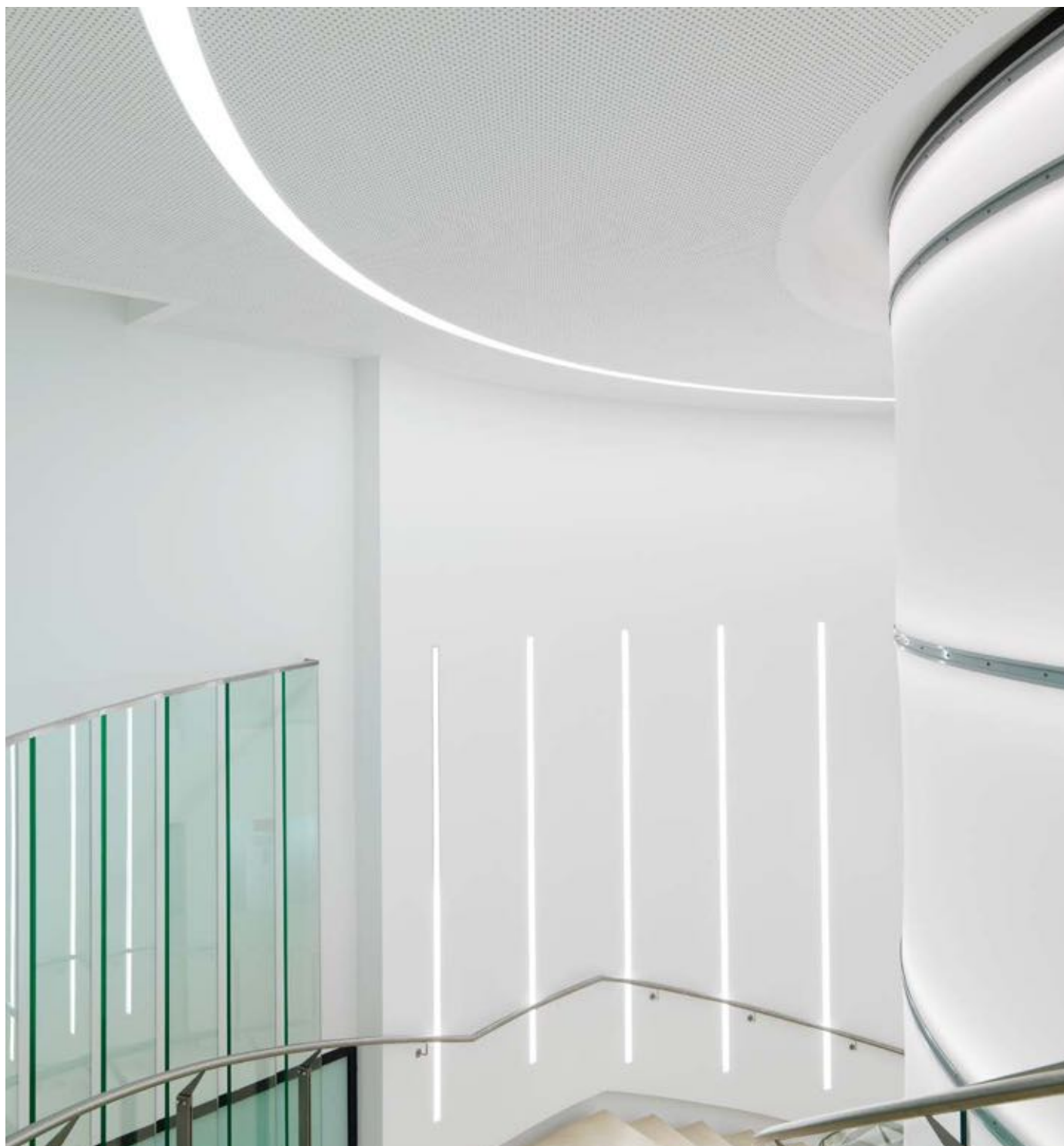
Inspiration

RLB headquarters
Graz, Austria

PRODUCT
FRAME 60 CURVE trim system

ARCHITECT
Strohecker ZT GmbH
Graz, Austria

LIGHTING DESIGN
Klauss Elektro-Anlagen
Seiersberg, Austria





Inspiration

Dr. Schaer
Burgstall, Italy

ARCHITECT
monovolume architecture+design
Bolzano, Italy

LIGHTING DESIGN
VON LUTZ - electrical and lighting projects
Alexa von Lutz
Klausen, Italy

PRODUCT
FRAME 60 CURVE trim system



