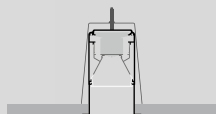


# CANYON 60

## trim offset system

[xal.com/canyon](http://xal.com/canyon)



### Quickinfo

#### GENERAL

recessed  
IP20

#### LED

Mid-power LED  
up to 97lm/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  
impact resistant diffuser  
halogen-free cable

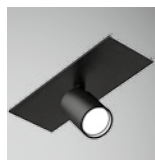
### Description

**DE** Leuchtenkörper aus Aluminiumstrangpressprofil mit 55mm breitem Lichtaustritt; ruhiges Deckenbild durch zurückversetzte Leuchtenebene; Einbauleuchte mit umlaufendem Rand; für durchgehende Lichtsysteme; für Deckenstärken von 8-25mm; Oberfläche weiß oder schwarz pulverbeschichtet; Leuchtenprofil für Montage vorab lieferbar; restliche Leuchtenkomponenten werkzeuglos montierbar; Leuchte laut DIN 57710 Teil 13 / VDE 0710 Teil 13 ballwurfsicher ausgeführt; 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; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Powerswitch (e, e<sup>2</sup>, e<sup>2+</sup>) bei schaltbarer Ausführung, am Lichteinsatz einstellbar; Leistungsaufnahme: e LED - 16 W/m, e<sup>2</sup> LED - 24 W/m, e<sup>2+</sup> LED - 36 W/m; Binning initial ≤ 3 MacAdam; Lichtfarbe 3000K oder 4000K, optional mit Tunable-White Bestückung (3000–6000 K); CRI ≥ 80; L80/50 000 h; Schutzart IP20; SK I; wahlweise nicht dimmbar oder DALI-dimmbar; optional Notlichtelement mit 1h oder 3h Akku und Selbsttest

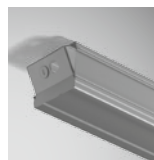
**EN** Luminaire housing from extruded aluminium profile with 55mm wide light exit; uncluttered ceiling look through recessed lighting level; Recessed luminaire with trim; for continuous lighting systems; for ceiling thickness of 8-25mm; surface powder coated in white or black; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; luminaire, ball proof version to 57710 part 13 / VDE 0710 part 13; 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; energy-efficient LEDs with very good colour rendering; powerswitch (e, e<sup>2</sup>, e<sup>2+</sup>) with switchable versions, adjustable on the insert; power consumption: e LED - 16 W/m, e<sup>2</sup> LED - 24 W/m, e<sup>2+</sup> LED - 36 W/m; binning initial ≤ 3 MacAdam; light colour 3000 K or 4000 K, optionally with tunable-white diodes (3000–6000 K); CRI ≥ 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

**INSET 60**  
wallwasher,  
JUST 32, EM  
[page 524](#)



**CONCRETE INSTALLATION HOUSING**  
[page 546](#)



non DIM power switch  
(switchable e/e<sup>2</sup>/e<sup>2+</sup>)



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 <sup>2</sup> /e <sup>2+</sup> )	1
DIM DALI (only e <sup>2</sup> )	3
presetting at delivery: e <sup>2</sup>	

MATERIAL COLOUR	
white	7



LIGHT OPTIC COVER	
opal high performance	H
microprismatic	Z
blind cover*	B
*only for corner 90°	

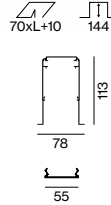
EMERGENCY LIGHT	
1h Accupack	N L 1
3h Accupack	N L 3

### Extended configuration

MATERIAL COLOUR	
black	8



+5% surcharges



### CANYON 60 trim offset

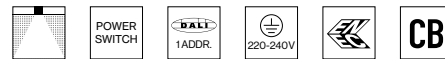
order installation channel, cover, light inset + mounting accessories separately

#### INSTALLATION CHANNEL + LIGHT OPTIC COVER

TYPE	L (mm)	ORDER CODE
channel	1172	0 3 8 - 5 1 2 7
channel	1472	0 3 8 - 5 1 5 7
channel	3000	0 3 8 - 5 3 0 7
channel	custom	E 8 2 3 3 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 8 - 6 2 6 7
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

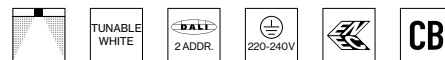
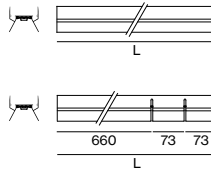
more lengths, X- and T-connector on request

#### LIGHT INSET 60



non DIM power switch e/e<sup>2</sup>/e<sup>2+</sup> / DIM DALI e<sup>2</sup>

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

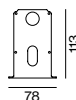


DIM DALI tunable white 3000-6000K

SYSTEM POWER (e <sup>2</sup> )	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

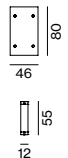
### Accessories

#### END CAPS



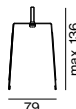
TYPE	ORDER CODE
end caps (pair)	0 3 8 - 6 3 0 7

#### 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



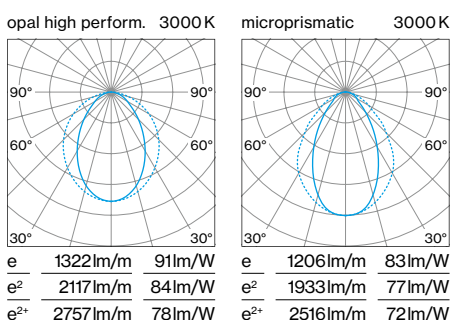
TYPE	CEILING THICKNESS (mm)	ORDER CODE
mounting bracket (1 piece)	8-25	0 3 8 - 6 0 7 0 0
mounting bracket (25 pieces)	8-25	0 3 8 - 6 0 7 0 0 . 2 5

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

#### THROUGH WIRE

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

#### LIGHT DISTRIBUTION



## Inspiration

Microsoft headquarters  
Vienna, Austria

**PRODUCT**  
CANYON 60 trim offset system

**ARCHITECT**  
INNOCAD Architektur ZT  
Graz, Austria

**LIGHTING DESIGN**  
INNOCAD Architektur ZT  
Graz, Austria

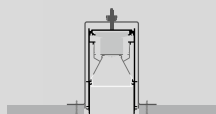
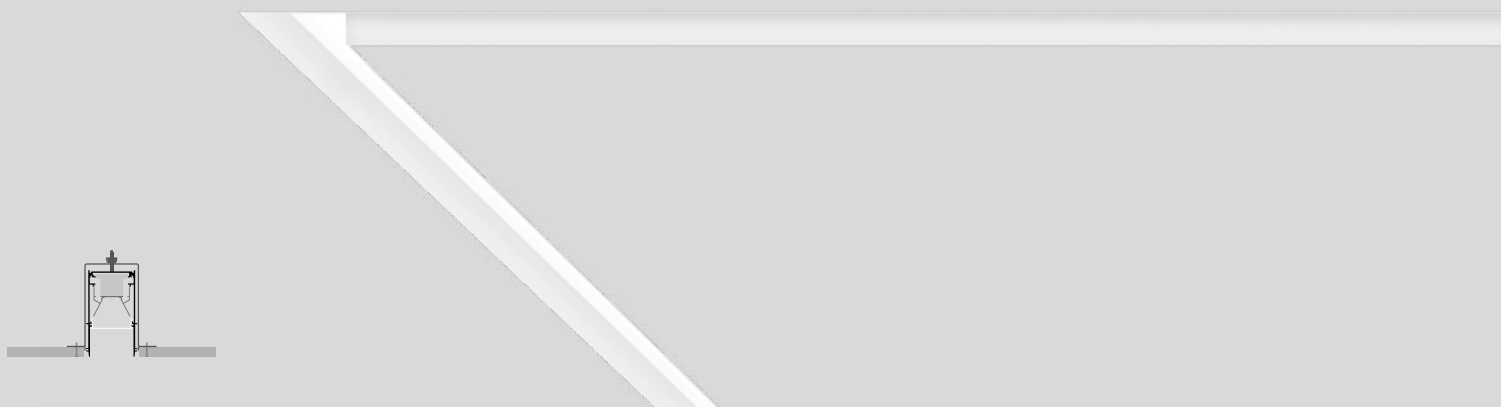




# CANYON 60

## trimless offset system

[xal.com/canyon](http://xal.com/canyon)



### Quickinfo

#### GENERAL

recessed  
IP20  
plasterboard ceilings only

#### LED

Mid-power LED  
up to 97 lm/W  
3000 K, 4000 K  
CRI ≥ 80  
Binning initial ≤ 3 MacAdam

#### ESTIMATED LED LIFETIME

L80/50 000 h

#### OPTICAL

direct illumination  
offset PMMA cover opal  
microprismatic

#### ELECTRICAL

non DIM, DIM DALI

#### PHYSICAL

aluminium  
powder-coated, anodised  
impact resistant diffuser  
halogen-free cable

#### INSET 60

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



### Description

**DE** Leuchtenkörper aus Aluminiumstrangpressprofil mit 55 mm breitem Lichtaustritt; ruhiges Deckenbild durch zurückversetzte Leuchtenebene; 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 oder schwarz eloxiert; Leuchtenprofil für Montage vorab lieferbar; restliche Leuchtenkomponenten werkzeuglos montierbar; Leuchte laut DIN 57710 Teil 13/ VDE 0710 Teil 13 ballwurfsicher ausgeführt; 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; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Powerswitch (e, e<sup>2</sup>, e<sup>2+</sup>) bei schaltbarer Ausführung, am Lichteinsatz einstellbar; Leistungsaufnahme: e LED - 16 W/m, e<sup>2</sup> LED - 24 W/m, e<sup>2+</sup> LED - 36 W/m; Binning initial ≤ 3 MacAdam; Lichtfarbe 3000 K oder 4000 K, optional mit Tunable-White Bestückung (3000–6000 K); CRI ≥ 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; uncluttered ceiling look through recessed lighting level; 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 or anodised black; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; luminaire, ball proof version to 57710 part 13 / VDE 0710 part 13; 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; energy-efficient LEDs with very good colour rendering; powerswitch (e, e<sup>2</sup>, e<sup>2+</sup>) with switchable versions, adjustable on the insert; power consumption: e LED - 16 W/m, e<sup>2</sup> LED - 24 W/m, e<sup>2+</sup> LED - 36 W/m; binning initial ≤ 3 MacAdam; light colour 3000 K or 4000 K, optionally with tunable-white diodes (3000–6000 K); CRI ≥ 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/e<sup>2</sup>/e<sup>2+</sup>)



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 <sup>2</sup> /e <sup>2+</sup> )	1
DIM DALI (only e <sup>2</sup> )	3
presetting at delivery: e <sup>2</sup>	

MATERIAL COLOUR	
white	7



LIGHT OPTIC COVER	
opal high performance	H
microprismatic	Z
blind cover*	B
*only for corner 90°	

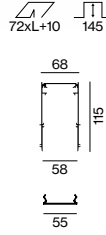
EMERGENCY LIGHT	
1h Accupack	N L 1
3h Accupack	N L 3

### Extended configuration

MATERIAL COLOUR	
black	8



+5% surcharges



### CANYON 60 trimless offset

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 8 - 5 1 2 3
channel	1472	0 3 8 - 5 1 5 3
channel	3000	0 3 8 - 5 3 0 3
channel	custom	E 8 2 2 3 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	140x140	0 3 8 - 6 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

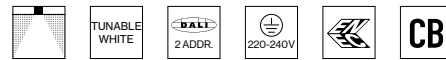
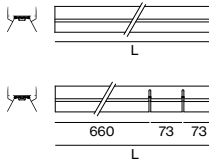
more lengths, X- and T-connector on request

#### LIGHT INSET 60



non DIM power switch e/e<sup>2</sup>/e<sup>2+</sup> / DIM DALI e<sup>2</sup>

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

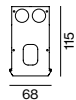


DIM DALI tunable white 3000-6000K

SYSTEM POWER (e <sup>2</sup> )	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



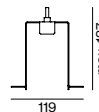
TYPE	ORDER CODE
end caps (pair)	0 3 8 - 6 3 0 4

#### LINEAR CONNECTOR



TYPE	ORDER CODE
linear connector (1 piece)	0 0 5 - 4 0 2 7 6
linear connector (10 pieces)	0 0 5 - 4 0 2 7 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



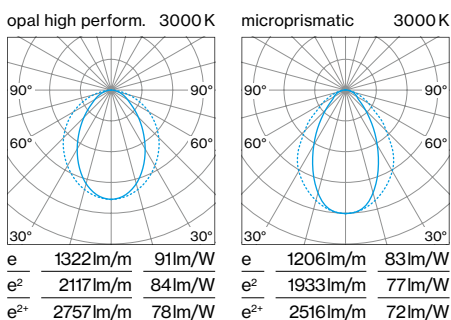
TYPE	CEILING THICKNESS (mm)	ORDER CODE
mounting bracket (1 piece)	8-25	0 3 8 - 6 0 2 0 0
mounting bracket (25 pieces)	8-25	0 3 8 - 6 0 2 0 0 . 2 5

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

#### THROUGH WIRE

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

#### LIGHT DISTRIBUTION



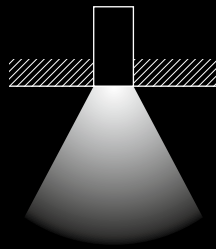
# PROFILES 60 system

## MOUNTING

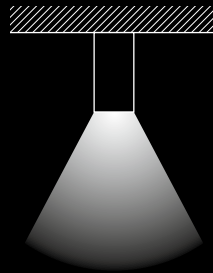
OFFSET  
RECESSED



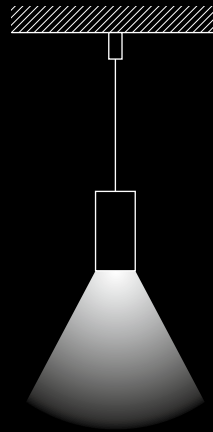
RECESSED



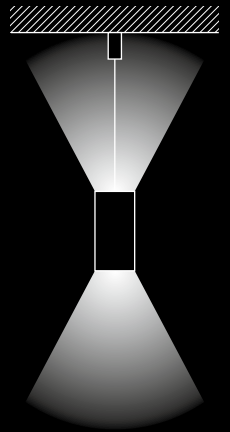
CEILING



SUSPENDED



SUSPENDED  
INDIRECT



## SHAPES

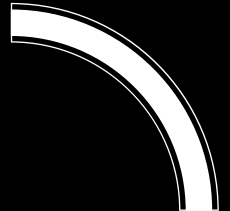
LINEAR



CORNER



CURVE

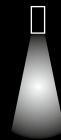


## LIGHT DISTRIBUTION

OPAL



MICROPRISMATIC



WALLWASHER



SPOTLIGHT



## CONTROL

non DIM  
power switch  
3000 K / 4000 K

DIM DALI  
3000K / 4000K

DIM DALI  
tunable white  
3000-6000 K

non DIM, DIM DALI  
emergency light  
3000 K / 4000 K

