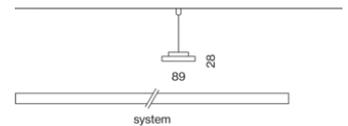




**Quickinfo**

3000 K, 4000 K  
 CRI ≥ 80 / 3 SDCM (initial MacAdam)  
 UGR ≤ 19  
 jusqu'à 140 lm/W  
 L90 / 50000 h  
 DALI-2  
 High Performance Opal, Jut-Out, Microprismatic  
 IP20 / CP1 / 220-240 V

**Types**



**Couleur**



**Canal**



**Répartition de la lumière**



**LENO**

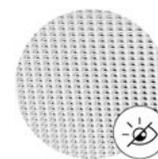
suspended system

**EN** Low profile suspended luminaire, 28 mm total height; pendant fitting with cable suspension; with integrated toolless suspension height adjustment; incl. feeder cable; designed for continuous lighting systems; surface powder coated; fall-safe light inset made of extruded aluminium profile, can be inserted in the canal without tools by magnetic holders; side coupled light, directed downwards by LGP body (Light Guiding Prism) and highly efficient reflector; homogeneously illuminated, satinised (flush or jut-out) or microprismatic PMMA cover; energy-efficient LEDs with very good colour rendering

**FR** Luminaire suspendu extrêmement plat d'une hauteur totale de 28 mm ; suspension par câble ; réglage en hauteur sans outil au luminaire ; incl. conduit d'alimentation ; conçu pour système d'éclairage continu ; surface thermolaquée ; élément d'éclairage antichute en profil d'aluminium extrudé pour montage en canal sans outil au moyen de fixations magnétiques ; lumière couplée latéralement guidée vers le bas par LGP Body (Light Guiding Prism) et réflecteur haut. efficace ; cache éclairé de façon homogène, satiné (affleurant ou en saillie) ou microprismatique en PMMA ; LED économes en énergie à restitution de couleur élevée



DiiA® standards  
 251, 252, 253



microprismatic  
 UGR ≤ 19



quick  
 installation

## LENO SUSPENDED SYSTEM



### INSTALLATION CHANNEL suspended

#### L·W·H (mm)

613-89-28

1221-89-28

1830-89-28

2438-89-28

#### ORDER CODE

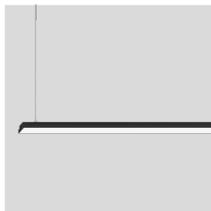
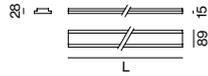
0 5 1 - 8 9 3 0 0 6

0 5 1 - 8 9 3 0 1 2

0 5 1 - 8 9 3 0 1 8

0 5 1 - 8 9 3 0 2 4

order installation channel, light inset + mounting accessories separately



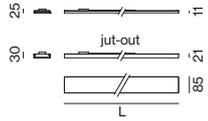
### LIGHT INSET



#### MICROPRISMATIC CRI ≥ 80, DALI-2

SYSTEM	LENGTH	LUM. FLUX	EFFICACY	ORDER CODE
9.9 W	613 mm	1230 lm	124 lm/W	0 5 1 - 8 1 1 2  3 7 G
19.1 W	1221 mm	2450 lm	128 lm/W	0 5 1 - 8 2 1 4  3 7 G
28.6 W	1830 mm	3680 lm	129 lm/W	0 5 1 - 8 2 1 6  3 7 G
37.0 W	2438 mm	4910 lm	133 lm/W	0 5 1 - 8 2 1 8  3 7 G

613 mm only available as end unit



#### OPAL CRI ≥ 80, DALI-2

SYSTEM	LENGTH	LUM. FLUX	EFFICACY	ORDER CODE
9.9 W	613 mm	1300 lm	131 lm/W	0 5 1 - 8 1 1 2  3 7 H
19.1 W	1221 mm	2590 lm	136 lm/W	0 5 1 - 8 2 1 4  3 7 H
28.6 W	1830 mm	3890 lm	136 lm/W	0 5 1 - 8 2 1 6  3 7 H
37.0 W	2438 mm	5190 lm	140 lm/W	0 5 1 - 8 2 1 8  3 7 H

The data values for the luminous flux may differ for specific order options by -6%. Luminous flux value refers to colour temperature 4000 K. 613 mm only available as end unit

#### OPAL JUT-OUT CRI ≥ 80, DALI-2

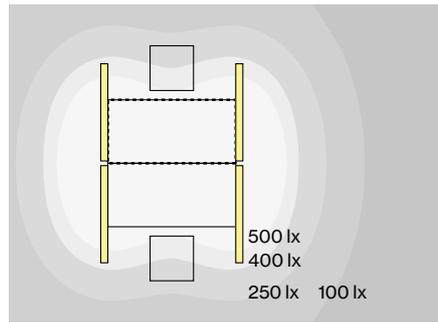
SYSTEM	LENGTH	LUM. FLUX	EFFICACY	ORDER CODE
9.9 W	613 mm	1240 lm	125 lm/W	0 5 1 - 8 1 1 2  3 7 J
19.1 W	1221 mm	2490 lm	130 lm/W	0 5 1 - 8 2 1 4  3 7 J
28.6 W	1830 mm	3730 lm	130 lm/W	0 5 1 - 8 2 1 6  3 7 J
37.0 W	2438 mm	4970 lm	134 lm/W	0 5 1 - 8 2 1 8  3 7 J

613 mm only available as end unit

### Order options

COLOUR TEMPERATURE		COLOUR		COLOUR	
3000 K	5	traffic white RAL 9016	7	pure white RAL 9010	7
4000 K	6	jet black RAL 9005	8	jet black RAL 9005	8

## Planning Information



**LENO** suspended, microprismatic,  
19.1W, 4000K

### ROOM VALUES

Room dimensions	5.4 × 4 × 2.8 m
Reflection factor	0.7   0.5   0.2
Maintenance factor	0.8
Mounting height	2.25 m

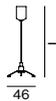
### CALCULATION SURFACE -----

Surface dimensions	1.6 × 0.8
Surface height	0.75
Average illuminance ( $E_m$ )	> 500 lx
Uniformity ( $U_0$ )	> 0.6

### GLARE EVALUATION

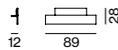
Table Classification X=4H   Y=8H   S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19

## Mounting accessories (optional)



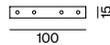
### CABLE SUSPENSION

CABLE LENGTH	W (mm)	ORDER CODE
1500 mm	46	0 0 5 - 2 1 2 2 1 1 0



### END CAPS semi-recessed / surface / suspended

W-H (mm)	ORDER CODE
89-28	0 5 1 - 8 9 9 2 2 1 <input checked="" type="checkbox"/>



### LINEAR CONNECTOR suspended

TYPE	L-W (mm)	ORDER CODE
1 pair	100-15	0 5 1 - 8 9 9 3 1 1 0
10 pairs	100-15	0 5 1 - 8 9 9 3 1 1 0 · 1 0

## Mounting tools accessories (optional)

### DISMOUNTING TOOL

TYPE	ORDER CODE
vacuum cup	0 8 6 - 3 0 0 0 0

## Electrical accessories (optional)

### CABLE RAIL

CABLE LENGTH	ORDER CODE
1200 mm	0 0 5 - 2 4 9 1 1 1 0

## Order options

COLOUR TEMPERATURE	COLOUR	COLOUR	COLOUR
3000 K	5 traffic white RAL 9016	7 pure white RAL 9010	7
4000 K	6 jet black RAL 9005	8 jet black RAL 9005	8



**CANOPY** incl. feeder cable 5 × 1.5 mm<sup>2</sup>, 1500 mm

**L·W·H (mm)**

90·90·22

**ORDER CODE**

0 0 5 - 2 2 1 2 4 1

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

**POWER FEEDER CONNECTOR**

**TYPE**

220–240V | 13A

**ORDER CODE**

0 5 1 - 8 9 9 2 3 3 0

**Order options**

COLOUR TEMPERATURE	⚙	COLOUR	<input type="checkbox"/>	COLOUR	<input type="checkbox"/>
3000 K	5	traffic white RAL 9016	7	pure white RAL 9010	7
4000 K	6	jet black RAL 9005	8	jet black RAL 9005	8