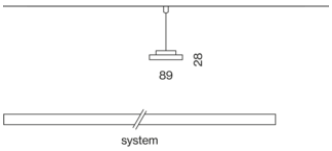


Quickinfo

3000 K, 4000 K
CRI ≥ 80 / 3 SDCM (initial MacAdam)
UGR ≤ 19
fino a 140 lm/W
L85 / 50000 h
DALI-2
Jut-Out, Microprismatic, Opal
IP20 / classe isolamento 1 / 220-240 V
613 mm, 1.221 mm, 1.830 mm, 2.438 mm,

Types



Colours

Canale

Distribuzione della luce

LENO

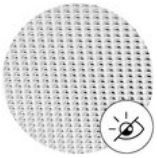
suspended system

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

IT Apparecchio a sospensione ultrapiatto da 28 mm di altezza totale; sospeso con cavo a sospensione; altezza regolabile sull'apparecchio, senza utensili; incl. cavo di alimentazione; per sistemi di file continue; verniciatura a polvere; inserto luce anti-caduta in profilo di allumino estruso, fissaggio nel canale con magnete senza bisogno di utensili; luce convogliata lateralmente e direzionata in basso con sistema LGP-Body (Light Guiding Prism) e riflettore ad alta efficienza; diffusore satinato (a filo o sporgente) o con struttura a microprismi a illuminazione omogenea in PMMA; LED ad efficienza energetica con elevata resa cromatica



DiiA® standards
251, 252, 253



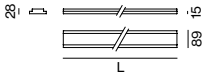
microprismatic
UGR ≤ 19



quick
installation

LENO SUSPENDED SYSTEM

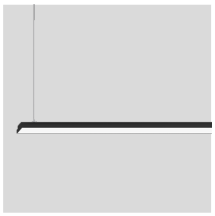


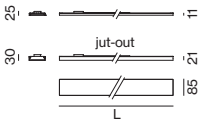


INSTALLATION CHANNEL suspended

L·W·H (mm)	ORDER CODE
613·89·28	0 5 1 - 8 9 3 0 0 6
1221·89·28	0 5 1 - 8 9 3 0 1 2
1830·89·28	0 5 1 - 8 9 3 0 1 8
2438·89·28	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

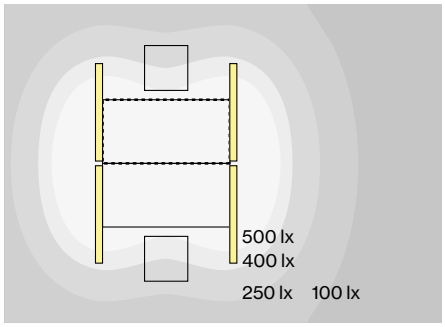
SYSTEM	LENGTH	LUM. FLUX	EFFICACY	ORDER CODE
9.9 W	613 mm	1240 lm	125 lm/W	0 5 1 - 8 1 1 2 ⁘ 3 7 J
19.1 W	1221 mm	2490 lm	130 lm/W	0 5 1 - 8 2 1 4 ⁘ 3 7 J
28.6 W	1830 mm	3730 lm	130 lm/W	0 5 1 - 8 2 1 6 ⁘ 3 7 J
37.0 W	2438 mm	4970 lm	134 lm/W	0 5 1 - 8 2 1 8 ⁘ 3 7 J

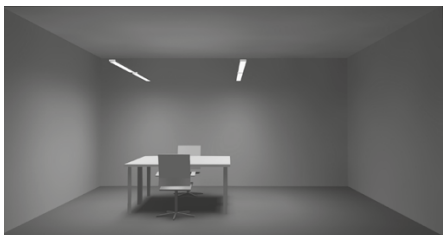
613 mm only available as end unit

Order options

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

Planning Information





LENO suspended, microprismatic, 19.1 W, 4000 K

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

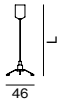
Table Classification X=4H | Y=8H | S=0.25H

UGR transversal	≤ 19
UGR axial	≤ 19

Mounting accessories (optional)

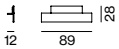
CABLE RAIL

L·W (mm)	ORDER CODE
1200·22	005-249111 0



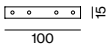
CABLE SUSPENSION

CABLE LENGTH	W (mm)	ORDER CODE
1500 mm	46	005-212211 0



END CAPS semi-recessed / surface / suspended

W·H (mm)	ORDER CODE
89·28	051-899221 [1]



LINEAR CONNECTOR suspended

TYPE	L·W (mm)	ORDER CODE
1 pair	100·15	051-899311 0
10 pairs	100·15	051-899311 0 · 10

Mounting tools accessories (optional)

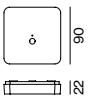
DISMOUNTING TOOL

TYPE	ORDER CODE
vacuum cup	086-300 00

Order options

COLOUR [1]	
pure white RAL 9010	7
jet black RAL 9005	8

Electrical accessories (optional)



CANOPY square incl. feeder cable 5×1.5mm², 1500 mm

L·W·H (mm)	ORDER CODE
90·90·22	005-221241 [1]

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

POWER FEEDER CONNECTOR

TYPE	ORDER CODE
220–240V | 13A	051-8992330

Order options

COLOUR [1]	
pure white RAL 9010	7
jet black RAL 9005	8