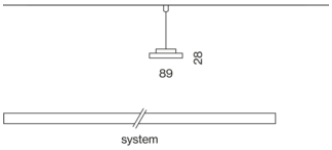


Quickinfo

3000 K, 4000 K
CRI ≥ 80 / 3 SDCM (initial MacAdam)
UGR ≤ 19, UGR ≤ 25
bis zu 140 lm/W
L85 / 50000 h
DALI-2
Jut-Out, Microprismatic, Opal
IP20 / SK1 / 220-240 V
613 mm, 1.221 mm, 1.830 mm, 2.438 mm,

Types



Farben

Kanal

Lichtverteilung

LENO

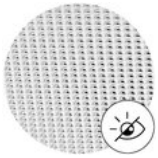
suspended system

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

DE Extrem flache Pendelleuchte mit 28mm Gesamthöhe; abgependelt mit Seilabhängung; werkzeuglose Höhenverstellung an der Leuchte; inkl. Einspeiseleitung; ausgelegt für durchgehende Lichtsysteme; Oberfläche pulverbeschichtet; absturzgesicherter Lichteinsatz aus stranggepresstem Aluminiumprofil werkzeuglos mittels Magnethalter in Kanal einsetzbar; seitlich eingekoppeltes Licht durch LGP-Body (Light-Guiding-Prism) und hocheffizientem Reflektor nach unten gelenkt; homogen ausgeleuchtete, satinierte (bündig oder herausragend) oder mikroprismatische Abdeckung aus PMMA; energieeffiziente LEDs mit sehr guter Farbwiedergabe



DiiA® standards
251, 252, 253



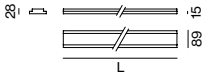
microprismatic
UGR ≤ 19



quick
installation

LENO suspended system

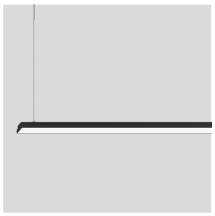


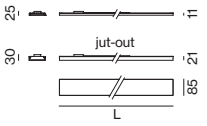


INSTALLATION CHANNEL suspended

L·W·H (mm)	ORDER CODE
613·89·28	051-893006
1221·89·28	051-893012
1830·89·28	051-893018
2438·89·28	051-893024

order installation channel, light inset + mounting accessories separately





LIGHT INSET

CRI ≥ 80 | UGR ≤ 19 | 220-240 V | DALI 1 ADDR. | X-PERT

MICROPRISMATIC CRI ≥ 80, DALI-2

SYSTEM	LENGTH	LUM. FLUX	EFFICACY	ORDER CODE
9.9 W	613 mm	1230 lm	124 lm/W	051-811237G
19.1 W	1221 mm	2450 lm	128 lm/W	051-821437G
28.6 W	1830 mm	3680 lm	129 lm/W	051-821637G
37.0 W	2438 mm	4910 lm	133 lm/W	051-821837G

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	051-811237H
19.1 W	1221 mm	2590 lm	136 lm/W	051-821437H
28.6 W	1830 mm	3890 lm	136 lm/W	051-821637H
37.0 W	2438 mm	5190 lm	140 lm/W	051-821837H

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

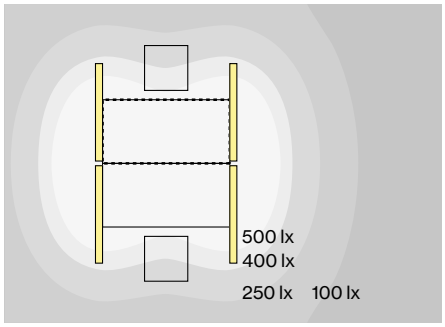
SYSTEM	LENGTH	LUM. FLUX	EFFICACY	ORDER CODE
9.9 W	613 mm	1240 lm	125 lm/W	051-811237J
19.1 W	1221 mm	2490 lm	130 lm/W	051-821437J
28.6 W	1830 mm	3730 lm	130 lm/W	051-821637J
37.0 W	2438 mm	4970 lm	134 lm/W	051-821837J

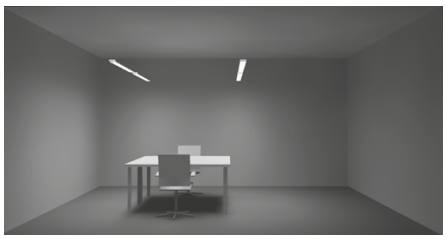
613 mm only available as end unit

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

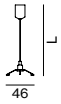
Table Classification X=4H | Y=8H | S=0.25H

UGR transversal	≤ 19
UGR axial	≤ 19

Mounting accessories (optional)

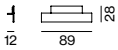
CABLE RAIL

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



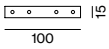
CABLE SUSPENSION

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)

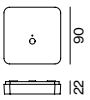
DISMOUNTING TOOL

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 × 1.5 mm², 1500 mm

L·W·H (mm)	ORDER CODE
90·90·22	0 0 5 - 2 2 1 2 4 1 [1]

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

POWER FEEDER CONNECTOR

TYPE	ORDER CODE
220–240 V | 13A	0 5 1 - 8 9 9 2 3 3 0

Order options

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