Quickinfo

3000 K, 4000 K
CRI ≥ 80, 3 SDCM
up to 137 lm/W
L90 @ 50 000 h
DALI-2
opal, microprismatic (UGR ≤ 19),
jut-out

Types

suspended

28

89

system

Colours

Light distributions

direct   direct
3-sided

LENO system

suspended

EN Low profile suspended luminaire, 28 mm total height; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; incl. feed; 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
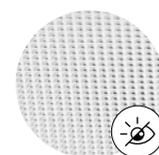
DE Extrem flache Pendelleuchte mit 28 mm Gesamthöhe; abgependelt mit Seilabhängung; werkzeuglose Höhenverstellung an der Leuchte; inkl. Einspeiseleitung; ausgelegt für durchgehende Lichtsysteme; Oberfläche pulverbeschichtet; absturzgesicherter Lichteinsatz aus stranggepresstem Aluminiumprofil werkzeuglos 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

Data
Monitoring

DiiA® standards
251, 252, 253

single luminaire
(p. 504)

microprismatic
UGR ≤ 19

quick
installation

Order options

COLOUR TEMPERATURE

3000 K	5
4000 K	6

CONTROL

DALI-2

MATERIAL COLOUR

○ traffic white RAL 9016	7
● jet black RAL 9005	8

LIGHT OPTIC COVER

opal high performance	H
microprismatic (UGR ≤ 19)	G
jut-out	J

Options on request

COLOUR RENDERING INDEX

CRI ≥ 90

Technical data
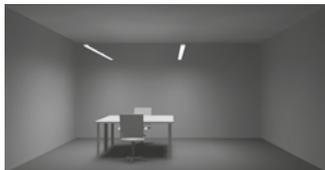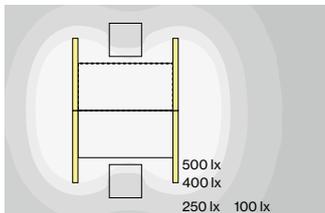
LENO suspended, microprismatic, 19.1 W, 4000 K

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
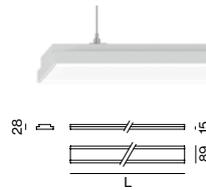
GLARE EVALUATION

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

UGR transversal	≤ 19
UGR axial	≤ 19

LUMINOUS FLUX value calculated for colour white, cover opal microprismatic -5 %, jut-out -4 %

LENO suspended

INSTALLATION CHANNEL
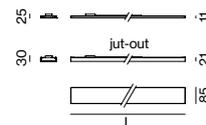
TYPE	L (mm)	ORDER CODE
channel	613	0 5 1 - 8 9 3 0 0 6 ◪
channel	1221	0 5 1 - 8 9 3 0 1 2 ◪
channel	1830	0 5 1 - 8 9 3 0 1 8 ◪
channel	2438	0 5 1 - 8 9 3 0 2 4 ◪

order installation channel, light inset + mounting accessories separately

	UGR ≤ 19	RG 0 IEC 62471	DALI 1 ADDR.	220-240V		~ X-PERT

LIGHT INSET
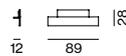
SYSTEM POWER	L (mm)	ORDER CODE
10.8 W	612*	0 5 1 - 8 1 1 2 :: 3 7 ◻
19.1 W	1220	0 5 1 - 8 2 1 4 :: 3 7 ◻
28.6 W	1828	0 5 1 - 8 2 1 6 :: 3 7 ◻
38 W	2436	0 5 1 - 8 2 1 8 :: 3 7 ◻

*only available as end unit
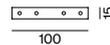
COVER	COLOUR TEMP.	SYSTEM POWER	DELIVERED LUMENS	EFFICACY
opal high	3000 K	17.6 W/m	2010 lm/m	129 lm/W
performance	4000 K		2130 lm/m	137 lm/W
microprismatic	3000 K	17.6 W/m	1900 lm/m	122 lm/W
UGR ≤ 19	4000 K		2010 lm/m	129 lm/W
jut-out	3000 K	17.6 W/m	1930 lm/m	124 lm/W
	4000 K		2040 lm/m	131 lm/W

Accessories
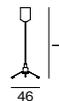
END CAPS

TYPE	ORDER CODE
end caps (pair)	0 5 1 - 8 9 9 2 2 1 ◪

LINEAR CONNECTOR

TYPE	ORDER CODE
linear connector (pair)	0 5 1 - 8 9 9 3 1 1 0
linear connector (10 pairs)	0 5 1 - 8 9 9 3 1 1 0 . 1 0

CABLE SUSPENSION

L (mm)	ORDER CODE
1500	0 0 5 - 2 1 2 2 1 1 0

CANOPY / CABLE RAIL

TYPE	L (mm)	ORDER CODE
canopy / feeder cable 5 × 1.5 mm²	1500	0 0 5 - 2 2 1 2 4 1 ◪
cable rail	1200	0 0 5 - 2 4 9 1 1 1 0

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

POWER FEEDER CONNECTOR 220–240 V | 13A

TYPE	ORDER CODE
power feeder connector	0 5 1 - 8 9 9 2 3 3 0

DISMOUNTING TOOL

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