Quickinfo

3000 K, 4000 K
CRI ≥ 80 / 3 SDCM (initial MacAdam)
UGR ≤ 19
up to 140 lm/W
L90 / 50000 h
DALI-2
High Performance Opal, Jut-Out, Microprismatic
IP20, IP40 / back IP20 / PC1 / 220-240 V

Types

15 13
89
system

Colour

Mounting set

Light distributions

LENO

semi-recessed / surface system

EN Low profile recessed mounted luminaire, 15 mm visible height or low profile surface mounted luminaire, 28 mm total height; suitable for wall or ceiling mounting; suitable for installation in primed or exposed concrete, in plasterboard constructions and in plastered walls or ceilings; 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 Einbauleuchte mit 15 mm sichtbarer Höhe bzw. extrem flache Anbauleuchte mit 28 mm Gesamthöhe; geeignet für die Wand- oder Deckenmontage; geeignet für den Einbau in gespachtelten Beton oder Sichtbeton, in Gipskartonkonstruktionen und in verputzten Wänden oder Decken; 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
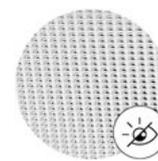
microprismatic
UGR ≤ 19

quick installation

LENO SEMI-RECESSED / SURFACE SYSTEM

INSTALLATION CHANNEL semi-recessed / surface

L·W·H (mm)	ORDER CODE
613·89·28	0 5 1 - 8 9 2 0 0 6 ◪
1221·89·28	0 5 1 - 8 9 2 0 1 2 ◪
1830·89·28	0 5 1 - 8 9 2 0 1 8 ◪
2438·89·28	0 5 1 - 8 9 2 0 2 4 ◪

order installation channel, light inset + mounting accessories separately

70 × L+13   13

28   15   89   L
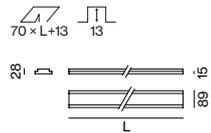
CONCRETE / PLASTERBOARD MOUNTING HOUSING

TYPE	L·W·H (mm)	ORDER CODE
end	616·67·28	0 5 1 - 8 9 6 0 0 6 0
start/end	1224·67·28	0 5 1 - 8 9 6 0 1 2 0
middle	1221·67·28	0 5 1 - 8 9 6 1 1 2 0
start/end	1833·67·28	0 5 1 - 8 9 6 0 1 8 0
middle	1830·67·28	0 5 1 - 8 9 6 1 1 8 0
start/end	2441·67·28	0 5 1 - 8 9 6 0 2 4 0
middle	2438·67·28	0 5 1 - 8 9 6 1 2 4 0

28   13   67   L

necessary for semi-recessed mounting

LIGHT INSET
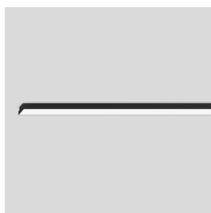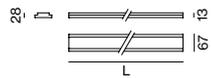
		CRI ≥ 80	UGR ≤ 19	220-240 V	DALI 1 ADDR.	↑ IP20 ↓ IP40		~ ⟳ = X-PERT

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

25   11   jut-out   30   21   85   L
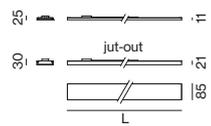
OPAL CRI ≥ 80, DALI-2

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

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

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

Planning Information
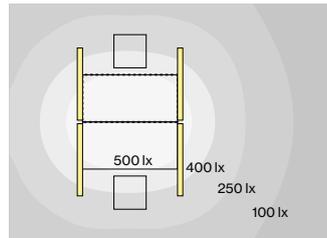
LENO surface, microprismatic,
19.1 W, 4000 K

ROOM VALUES
Room dimensions	5.4 × 4 × 2.8 m
Reflection factor	0.7 | 0.5 | 0.2
Maintenance factor	0.8

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
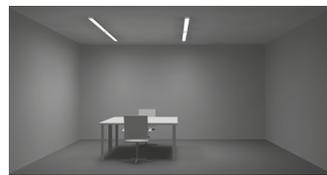
Mounting accessories (optional)

END CAPS CONCRETE / PLASTERBOARD MOUNTING HOUSING 1 pair

W·H (mm)	ORDER CODE
89·28	0 5 1 - 8 9 9 6 2 1 0
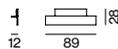
END CAPS semi-recessed / surface / suspended

W·H (mm)	ORDER CODE
89·28	0 5 1 - 8 9 9 2 2 1 ◪₁

LINEAR CONNECTOR semi-recessed / surface

TYPE	L·W (mm)	ORDER CODE
1 pair	60·15	0 5 1 - 8 9 9 2 1 1 0
10 pairs	60·15	0 5 1 - 8 9 9 2 1 1 0 · 1 0

Mounting tools accessories (optional)

DISMOUNTING TOOL

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

Order options

COLOUR TEMPERATURE	::	COLOUR	◪	COLOUR	◪₁
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

XAL

Electrical accessories (optional)

POWER FEEDER CONNECTOR

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

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