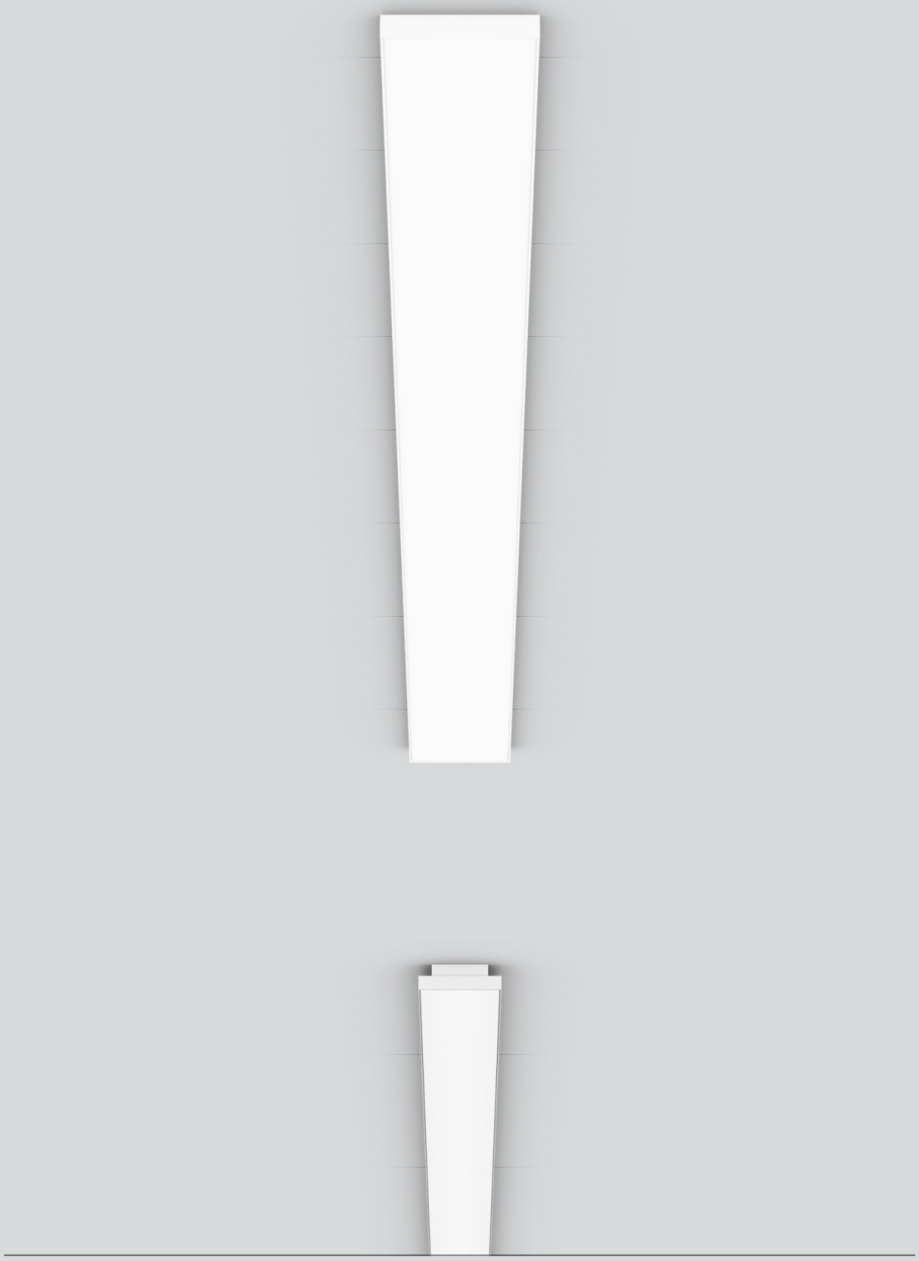
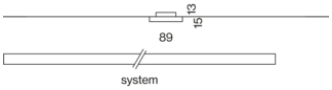


Quickinfo

3000 K, 4000 K
CRI ≥ 80 / 3 SDCM (initial MacAdam)
UGR ≤ 19
bis zu 140 lm/W
L85 / 50000 h
DALI-2
Jut-Out, Microprismatic, Opal
IP20, IP40 / back IP20 / SK1 / 220-240 V
613 mm, 1.221 mm, 1.830 mm, 2.438 mm,

Types



Farben

Lichtverteilung

LENO

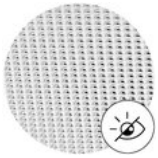
semi-recessed / surface system

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 28mm 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



DiiA® standards
251, 252, 253



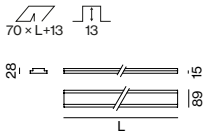
microprismatic
UGR ≤ 19



quick
installation

LENO semi-recessed / surface system

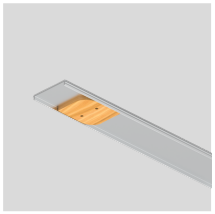




INSTALLATION CHANNEL semi-recessed / surface

L·W·H (mm)	ORDER CODE
613·89·28	051-892006
1221·89·28	051-892012
1830·89·28	051-892018
2438·89·28	051-892024

order installation channel, light inset + mounting accessories separately

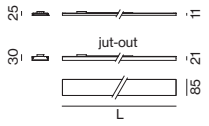




CONCRETE / PLASTERBOARD MOUNTING HOUSING

TYPE	L·W·H (mm)	ORDER CODE
end	616·67·28	051-896006 0
start/end	1224·67·28	051-896012 0
middle	1221·67·28	051-896112 0
start/end	1833·67·28	051-896018 0
middle	1830·67·28	051-896118 0
start/end	2441·67·28	051-896024 0
middle	2438·67·28	051-896124 0

necessary for semi-recessed mounting



LIGHT INSET



MICROPRISMATIC CRI ≥ 80, DALI-2

SYSTEM	LENGTH	LUM. FLUX	EFFICACY	ORDER CODE
9.9 W	613 mm	1230 lm	124 lm/W	051-8112 :: 37G
19.1 W	1221 mm	2450 lm	128 lm/W	051-8214 :: 37G
28.6 W	1830 mm	3680 lm	129 lm/W	051-8216 :: 37G
37.0 W	2438 mm	4910 lm	133 lm/W	051-8218 :: 37G

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	051-8112 :: 37H
19.1 W	1221 mm	2590 lm	136 lm/W	051-8214 :: 37H
28.6 W	1830 mm	3890 lm	136 lm/W	051-8216 :: 37H
37.0 W	2438 mm	5190 lm	140 lm/W	051-8218 :: 37H

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

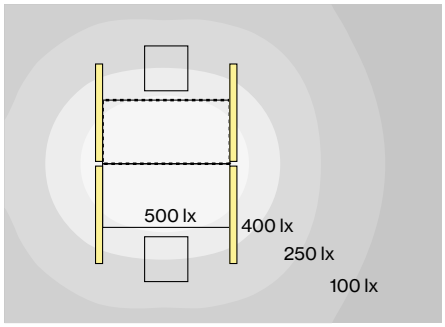
COLOUR TEMPERATURE ::		COLOUR	
3000 K	5	pure white RAL 9010	7
4000 K	6	jet black RAL 9005	8

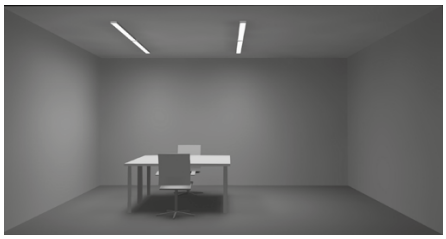
OPAL JUT-OUT CRI ≥ 80, DALI-2

SYSTEM	LENGTH	LUM. FLUX	EFFICACY	ORDER CODE
9.9 W	613 mm	1240 lm	125 lm/W	051-81123 37 J
19.1 W	1221 mm	2490 lm	130 lm/W	051-82145 37 J
28.6 W	1830 mm	3730 lm	130 lm/W	051-82165 37 J
37.0 W	2438 mm	4970 lm	134 lm/W	051-82185 37 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

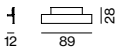
Table Classification X=4H | Y=8H | S=0.25H

UGR transversal	≤ 19
UGR axial	≤ 19

Mounting accessories (optional)

END CAPS CONCRETE / PLASTERBOARD MOUNTING HOUSING 1 pair

W·H (mm)	ORDER CODE
89·28	051-899621 0



END CAPS semi-recessed / surface / suspended

W·H (mm)	ORDER CODE
89·28	051-899221



LINEAR CONNECTOR semi-recessed / surface

TYPE	L·W (mm)	ORDER CODE
1 pair	60·15	051-899211 0
10 pairs	60·15	051-899211 0 · 10

Mounting tools accessories (optional)

DISMOUNTING TOOL

TYPE	ORDER CODE
vacuum cup	086-30000

Order options

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

Electrical accessories (optional)

POWER FEEDER CONNECTOR

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