

Description

EN Low profile recessed channel, height 13 mm; suitable for rimless installation in 12.5 mm plasterboard ceilings; suitable for wall or ceiling mounting; designed for continuous lighting systems; surface white powder coated; special edge design with grooves for better adhesion of filler; easy mounting without need to cut the substructure; 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; $UGR \leq 19$; optional with asymmetric light distribution; energy-efficient LEDs with very good colour rendering; binning initial ≤ 3 MacAdam; available in the light colours 3000 K and 4000 K; $CRI \geq 80$; min. 90 % of the luminous flux after 50 000 hours; degree of protection from below IP 40 (from above IP 20); PC II; photobiological safety according to IEC 62471 risk group 0; incl. external converter for ceiling insertion; optionally non-dimmable or DALI-2 control

DE Extrem flacher Einbaukanal mit 13 mm Höhe; geeignet für den randlosen Einbau in 12,5 mm Gipskartondecken; geeignet für die Wand- oder Deckenmontage; ausgelegt für durchgehende Lichtsysteme; Oberfläche weiß pulverbeschichtet; spezielle Randausbildung mit Rillen für bessere Haftung der Spachtelmasse; einfache Montage ohne Schneiden der Unterkonstruktion; absturzesicherer 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; $UGR \leq 19$; optional mit asymmetrischer Lichtverteilung; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Binning initial ≤ 3 MacAdam; lieferbar in den Lichtfarben 3000 K und 4000 K; $CRI \geq 80$; min. 90 % des Lichtstromes nach 50 000 h Lebensdauer; Schutzart IP 40 unten (oben IP 20); SK II; photobiologische Sicherheit gemäß IEC 62471 Risikogruppe 0; inkl. externem Konverter für Deckeneinwurf; wahlweise nicht dimmbar oder DALI-2 Steuerung

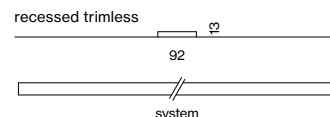
LENO system

recessed trimless

Quickinfo

3000 K, 4000 K
 $CRI \geq 80$
 L90 @ 50 000 h
 up to 2730 lm/m
 non DIM, DALI-2
 opal, microprismatic ($UGR \leq 19$),
 jut-out, asymmetric wallwasher

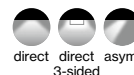
Types



Colour



Light distributions



Order options

COLOUR TEMPERATURE

3000K	5
4000K	6

CONTROL

non DIM	1
DALI-2	3

MATERIAL COLOUR

white



LIGHT OPTIC COVER

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

Options on request

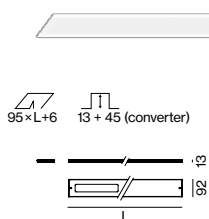
COLOUR RENDERING INDEX

CRI ≥ 90

EMERGENCY LIGHT

1h accupack

3h accupack



LENO trimless

INSTALLATION CHANNEL

TYPE	L (mm)	ORDER CODE
channel	613	051-8900067
channel	1221	051-8900127
channel	1830	051-8900187
channel	2438	051-8900247

order installation channel, light inset + mounting accessories separately



LIGHT INSET

SYS. POWER (OPAL, MP, JUT-OUT / ASYM.)	L (mm)	ORDER CODE
11W/16W	612	051-80127
19W/31W	1220	051-80147
29W/47W	1828	051-80167
38W/62W	2436	051-80187

COVER	COLOUR TEMP.	SYSTEM POWER	DELIVERED LUMENS	EFFICACY
opal high	3000K	18 W/m	2010 lm/m	129 lm/W
performance	4000K		2130 lm/m	137 lm/W
microprismatic	3000K	18 W/m	1900 lm/m	122 lm/W
UGR ≤ 19	4000K		2010 lm/m	129 lm/W
jut-out	3000K	18 W/m	1930 lm/m	124 lm/W
	4000K		2040 lm/m	131 lm/W
asymmetric	3000K	26 W/m	2580 lm/m	101 lm/W
	4000K		2730 lm/m	107 lm/W

Accessories



END CAPS

TYPE	ORDER CODE
end caps (pair)	051-8990217



LINEAR CONNECTOR

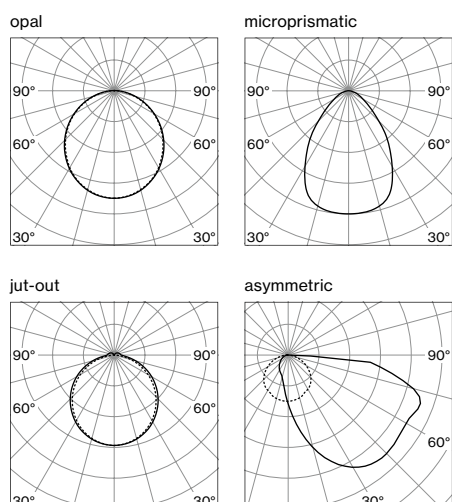
TYPE	ORDER CODE
linear connector (pair)	051-8990110
linear connector (10 pairs)	051-8990110.10



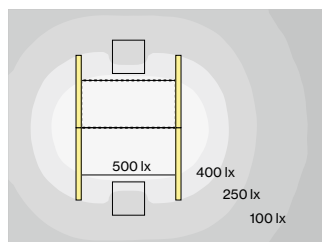
DISMOUNTING TOOL

TYPE	ORDER CODE
vacuum cup	086-30000

LIGHT DISTRIBUTION



Technical data



LENO trimless, microprismatic, 19W, 4000K

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

