

LENO microprismatic

trimless

051-8314637G

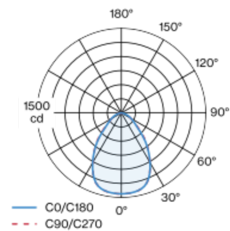


Project / Type	
Notes	
Count / Date	

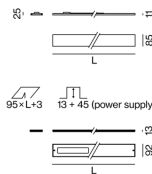


Low profile recessed channel, height 13 mm; suitable for rimless installation in 12.5mm plasterboard ceilings; specially designed trim with grooves for better adhesion of smoothing compound; suitable for wall or ceiling mounting; surface white powder coated; easy mounting without need to cut the substructure; fall-safe light inset made of extruded aluminium profile, can be inserted in the canal without tools by magnetic holders; side coupled light directed downward through LGP (LIGHT GUIDING PRISM) body and high efficiency reflector; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; UGR \leq 19; light colour 4000 K; binning initial MacAdam \leq 3 SDCM; CRI \geq 80; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; degree of protection from below IP40 (from above IP20); PC2; 220-240 V; internal wiring in light halogen free; incl. external converter for ceiling insertion; DALI-2 control; light source not replaceable; control gear replaceable by an authorized professional;

Light distribution



Product drawing



General

Ceiling / Wall , Recessed	
white , RAL 9016 ¹	
front IP40 , back IP20	
2450 lm	
2010 lm/m	

LED

4000 K	
CRI \geq 80	
L90 / 50000 h	
initial MacAdam \leq 3 SDCM	
MR 0.72	
MDER 0.66	

Optical

Microprismatic	
microprismatic	
UGR \leq 19	
PstLM \leq 1.0 ²	
SVM \leq 0.4 ²	

Electrical

DALI-2	
220-240 V	
system 19.1 W	
system 128 lm/W ³	
PC2	
1 DALI Addr.	
16 W/m	

Physical

trimless	
length 1224 mm	
width 92 mm	
height 13 mm	
3 kg	

Cutout

length 1227 mm	
width 95 mm	
min. ceiling thickness 12.5 mm	
max. ceiling thickness 25 mm	
recessed depth 58 mm	
recessed depth: 12.5 mm (ceiling) + 45 mm (converter)	

¹ RAL code ² Value of containing product at full load (undimmed)
³ FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.



LENO microprismatic

trimless

051-8314637G



Project / Type

Notes

Count / Date

Installation instructions



LENO microprismatic

trimless

051-8314637G



Project / Type

Notes

Count / Date

Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.95	0.93	0.91	0.9
LSF	1	1	1	1	1
MF	LMF × RSMF × LLMF × LSF		RSMF ^a	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF ^a	Luminaire Maintenance Factor		LSF	Lamp Survival Faktor	

^a According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	19
B13	24
B16	31
B20	40
C10	31
C13	40
C16	51
C20	66

Other accessories

DISMOUNTING TOOL

TYPE	ARTICLE NUMBER(S)
vacuum cup	086-30000

