

FRAME 60 mid lumen

trim system

007-93L4517 006-16122H 035-01237

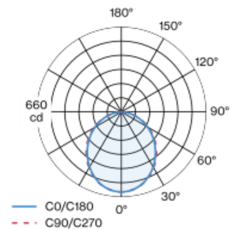


Project / Type
Notes
Count / Date

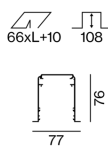


Luminaire housing made of extruded aluminium profile; recessed light with wrap around edge; for continuous lighting systems; suitable for ceiling thickness of 8-25 mm; surface white powder coated; luminaire profile for mounting available in advance; remaining lamp components mounted without tools; LED light inset consisting of highly reflective lacquered aluminium for improved thermal management; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 80 ; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; HPO (High Performance Opal) cover for uniform illumination; degree of protection IP20; PC1; 220-240 V; internal wiring in light halogen free; incl. converter, non dimmable; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



General

Ceiling Recessed
white RAL 9016 ¹
IP20
1640 lm
1400 lm/m

LED

3000 K
CRI ≥ 80
L90 / 50000 h
initial MacAdam ≤ 3 SDCM
MR 0.56 MDER 0.51

Optical

High Performance Opal opal (lambertsch)
PstLM ≤ 1.0 ² SVM ≤ 0.4 ²

Electrical

non DIM
PC1 220-240 V
system 13.3 W
system 123 lm/W ³
11 W/m

Physical

trim
length 1172 mm width 77 mm height 78 mm
2.91 kg

Cutout

length 1188 mm width 66 mm
min. ceiling thickness 8 mm max. ceiling thickness 25 mm
recessed depth 108 mm

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

Installation instructions



Lighting calculator



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.96	0.94	0.92	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 Factor	

^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	9
B13	13
B16	15
B20	18
C10	18
C13	26
C16	30
C20	36

Components

LIGHT OPTIC COVER

TYPE	ARTICLE NUMBER(S)
opal high performance	006-16122H

INSTALLATION CHANNEL

COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
traffic white	1172-77-76	035-01237

Mounting accessories

END CAPS trimless

TYPE	COLOUR	ARTICLE NUMBER(S)
1 pair	traffic white	035-13137
1 pair	white aluminium	035-1313G

Mounting accessories

LINEAR CONNECTOR

TYPE	ARTICLE NUMBER(S)
1 piece	005-40046
10 pieces	005-40046.10

OPAL COVER LINEAR CONNECTOR

ARTICLE NUMBER(S)
006-14000



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Mounting accessories

MOUNTING BRACKET recessed trim

TYPE	ARTICLE NUMBER(S)
1 piece	035-10200
25 pieces	035-10200.25



Electrical accessories

THROUGH WIRE

TYPE	ARTICLE NUMBER(S)
10 pieces	004-90003
10 pieces	004-90005

