

# FRAME 60 mid lumen

trim system

007-93L2017 006-16062H 035-00637

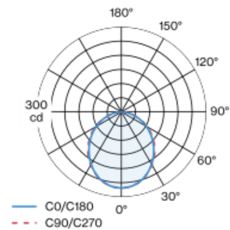


Project / Type
Notes
Count / Date

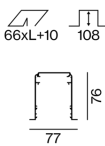


Luminaire housing made of extruded aluminium profile; recessed light with wrap around edge; for continuous lighting systems; suitable for ceiling thickness of 8-25 mm; surface white powder coated; luminaire profile for mounting available in advance; remaining lamp components mounted without tools; LED light inset consisting of highly reflective lacquered aluminium for improved thermal management; light colour 3000 K; binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 90$ ; 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 <sup>1</sup>
IP20
709 lm
1240 lm/m

## LED

3000 K
CRI $\geq 90$
L90 / 50000 h
initial MacAdam $\leq 3$ SDCM
R <sub>g</sub> : 99   R <sub>f</sub> : 91   R <sub>fl-15</sub> : 89
MR 0.61   MDER 0.55

## Optical

High Performance Opal   opal (lambertsch)
PstLM $\leq 1.0$ <sup>2</sup>   SVM $\leq 0.4$ <sup>2</sup>

## Electrical

non DIM
PC1   220-240 V
system 6.9 W
system 103 lm/W <sup>3</sup>
12 W/m

## Physical

trim
length 572 mm   width 77 mm   height 78 mm
1.45 kg

## Cutout

length 588 mm   width 66 mm
min. ceiling thickness 8 mm   max. ceiling thickness 25 mm
recessed depth 108 mm

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</sup> 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 <sup>a</sup>	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF <sup>a</sup>	Luminaire Maintenance Factor	LSF	Lamp Survival Factor

<sup>a</sup> 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	006-16062H

### INSTALLATION CHANNEL

COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
traffic white	572-77-76	035-00637

## 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

