

FRAME 60 mid lumen

trim system

007-93L2017 006-16062H 035-0063G



Project / Type

Notes

Count / Date



General

Ceiling , Recessed

grey , RAL 9006 ¹

IP20

709 lm

1240 lm/m

LED

3000 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 99 , R_r: 91 , R_{t(1-15)}: 89

MR 0.61

MDER 0.55

Optical

High Performance Opal

opal (lambertsch)

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

non DIM

220-240 V

system 6.9 W

system 103 lm/W³

PC1

12 W/m

Physical

trim

length 572 mm

width 77 mm

height 78 mm

1.45 kg

Cutout

length 588 mm

width 66 mm

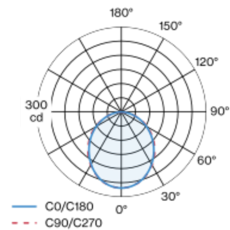
min. ceiling thickness 8 mm

max. ceiling thickness 25 mm

recessed depth 108 mm

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 grey 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 ≥ 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



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



FRAME 60 mid lumen

trim system

007-93L2017 006-16062H 035-0063G



Project / Type	
Notes	
Count / Date	

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 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	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)
white aluminium	572-77-76	035-0063G

Mounting accessories

END CAPS

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



FRAME 60 mid lumen

trim system

007-93L2017 006-16062H 035-0063G



Project / Type

Notes

Count / Date

Mounting accessories

MOUNTING BRACKET

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



Electrical accessories

THROUGH WIRE

TYPE	ARTICLE NUMBER(S)
3 x 1,5 mm ² 10 pieces	004-90003
5 x 1,5 mm ² 10 pieces	004-90005

