

FRAME 60 high lumen

trim system

007-93M3037 006-16092G 035-0093G



Project / Type

Notes

Count / Date



General

Ceiling , Recessed

grey , RAL9006 ¹

1780 lm/m

IP20

1560 lm

LED

3000 K

CRI \geq 90

L90 / 50000 h

photobio. safety RG 0 - no Risk

initial MacAdam \leq 3 SDCM

R_g: 99 , R_f: 91 , R₍₁₋₁₅₎: 89

MR 0.61

MDER 0.55

Optical

Microprismatic

microprismatic

PstLM \leq 1.0 ²

SVM \leq 0.4 ²

Electrical

DALI-2

system 17.5 W

PC1 220-240V

system 89 lm/W³

1 DALI Addr.

20 W/m

Physical

trim

length 872 mm

width 77 mm

height 78 mm

2.29 kg

Cutout

length 888 mm

width 66 mm

min. ceiling thickness 8 mm

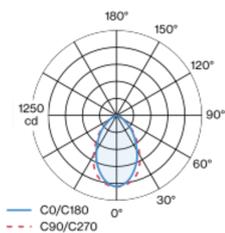
max. ceiling thickness 25 mm

recessed depth 108 mm

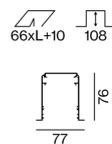
¹ RAL code ² Value of containing product at full load (undimmed)

³ incl. optical losses and the efficiency of the operating device (converter)

Light distribution



Product drawing



[007-93M3037 006-16092G 035-0093G] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.

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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 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	18
B13	23
B16	28
B20	35
C10	30
C13	38
C16	46
C20	58

Components

LIGHT OPTIC COVER

TYPE	ARTICLE NUMBER(S)
microprismatic (UGR<19)*	006-16092G

INSTALLATION CHANNEL

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
872 mm	white aluminium	872-77-76	035-0093G

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



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Mounting accessories

MOUNTING BRACKET

TYPE

1 piece

25 pieces

ARTICLE NUMBER(S)

035-10200

035-10200.25



Electrical accessories

THROUGH WIRE

TYPE

3 x 1,5 mm² | 10 pieces

5 x 1,5 mm² | 10 pieces

ARTICLE NUMBER(S)

004-90003

004-90005

