

FRAME 60 mid lumen

trim system

007-93L8117 006-16232G 035-0253G



Project / Type _____

Notes _____

Count / Date _____



RG0 IEC 62471 _____

220-240V _____

X-PERT _____

X-PERT _____

General

Ceiling , Recessed _____

grey , RAL9006 ¹ _____

1140 lm/m _____

IP20 _____

2670 lm _____

LED

4000 K _____

CRI ≥ 90 _____

L90 / 50000 h _____

photobio. safety RG 0 - no Risk _____

initial MacAdam ≤ 3 SDCM _____

R_g: 99 , R_f: 92 , R₍₁₋₁₅₎: 90 _____

MR 0.81 _____

MDER 0.74 _____

Optical

Microprismatic _____

microprismatic _____

UGR < 19 , ≥65° <3000 cd/m² _____

Electrical

non DIM _____

system 26.6 W _____

PC1 220-240V _____

system 100 lm/W² _____

11 W/m _____

Physical

trim _____

length 2344 mm _____

width 77 mm _____

height 78 mm _____

5.8 kg _____

Cutout

length 2360 mm _____

width 66 mm _____

min. ceiling thickness 8 mm _____

max. ceiling thickness 25 mm _____

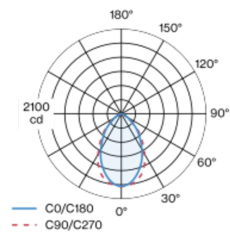
recessed depth 108 mm _____

¹ RAL code

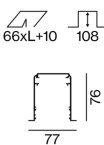
² incl. optical losses and the efficiency of the operating device (converter)

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 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; UGR ≤ 19; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 3000 cd/m²; degree of protection IP20; PC1 220-240V; photobiological safety according to IEC 62471 risk group RG 0 - no Risk; 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



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	15
B13	19
B16	24
B20	30
C10	25
C13	32
C16	40
C20	49

Components

LIGHT OPTIC COVER

TYPE	ARTICLE NUMBER(S)
microprismatic (UGR<19)*	006-16232G

INSTALLATION CHANNEL

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
2344 mm	white aluminium	2344-77-76	035-0253G



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 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

