

FRAME 60 mid lumen

trim system

007-93L9517 006-16302Z 035-03037



Project / Type

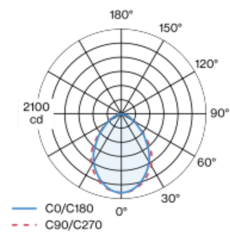
Notes

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 traffic 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; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; 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

traffic white | RAL 9016

IP20

3680 lm

1230 lm/m

LED

3000 K

CRI ≥ 80

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

MR 0.56 | MDER 0.51

Optical

Microprismatic | microprismatic

Electrical

non DIM

PC1 | 220-240 V

system 33 W

system 112 lm/W ¹

11 W/m

Physical

trim

length 3016 mm | width 77 mm | height 78 mm

7.8 kg

Cutout

length 3016 mm | width 66 mm

min. ceiling thickness 8 mm | max. ceiling thickness 25 mm

recessed depth 108 mm

¹ 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 | 15 |
| B13 | 19 |
| B16 | 24 |
| B20 | 30 |
| C10 | 25 |
| C13 | 32 |
| C16 | 40 |
| C20 | 49 |

Components

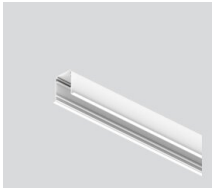
LIGHT OPTIC COVER

| | |
|----------------|-------------------|
| TYPE | ARTICLE NUMBER(S) |
| microprismatic | 006-16302Z |



INSTALLATION CHANNEL

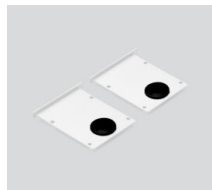
| | | |
|---------------|------------|-------------------|
| COLOUR | L-W-H (MM) | ARTICLE NUMBER(S) |
| traffic white | 3000-77-76 | 035-03037 |



Mounting accessories

END CAPS

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



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LINEAR CONNECTOR

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



OPAL COVER LINEAR CONNECTOR

| ARTICLE NUMBER(S) |
|-------------------|
| 006-14000 |



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 |

