

FRAME 60 mid lumen

trim system

007-93L5117 006-16152G 035-01537



| |
|----------------|
| Project / Type |
| Notes |
| Count / Date |



General

| |
|-------------------------------|
| Ceiling Recessed |
| white RAL 9016 ¹ |
| IP20 |
| 1670 lm |
| 1130 lm/m |

LED

| |
|---|
| 4000 K |
| CRI ≥ 90 |
| L90 / 50000 h |
| initial MacAdam ≤ 3 SDCM |
| R _g : 99 R _f : 92 R _{f(1-15)} : 90 |
| MR 0.81 MDER 0.74 |

Optical

| |
|---------------------------------|
| Microprismatic microprismatic |
| UGR ≤ 19 ≥65° <3000 cd/m² |

Electrical

| |
|------------------------------|
| non DIM |
| PC1 220-240 V |
| system 16.6 W |
| system 101 lm/W ² |
| 11 W/m |

Physical

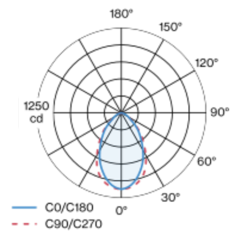
| |
|---|
| trim |
| length 1472 mm width 77 mm height 78 mm |
| 3.7 kg |

Cutout

| |
|--|
| length 1488 mm width 66 mm |
| min. ceiling thickness 8 mm max. ceiling thickness 25 mm |
| recessed depth 108 mm |

¹ RAL code
² incl. consideration of optical losses, internal control unit losses & operating device efficiency

Light distribution



Product drawing



Installation instructions



Lighting calculator



FRAME 60 mid lumen

trim system

007-93L5117 006-16152G 035-01537



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 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 (UGR<19)* | 006-16152G |

INSTALLATION CHANNEL

| | | |
|---------------|------------|-------------------|
| COLOUR | L-W-H (MM) | ARTICLE NUMBER(S) |
| traffic white | 1472-77-76 | 035-01537 |

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 |



FRAME 60 mid lumen

trim system

007-93L5117 006-16152G 035-01537



Project / Type

Notes

Count / Date

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 |

