

# FRAME 60 high lumen

trim system

007-9335D37 006-16152Z 035-01537



Project / Type

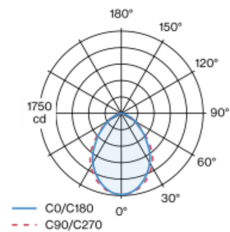
Notes

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: tunable white diodes (2700-6500 K); binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 80$ ; 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. DALI-2 / DT8 converter; 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 <sup>1</sup>

IP20

3270 lm

2220 lm/m

## LED

tunable white | 2700 K - 6500 K

CRI  $\geq 80$

L90 / 50000 h

initial MacAdam  $\leq 3$  SDCM

MR 0.48 | MDER 0.44

## Optical

Microprismatic | microprismatic

PstLM  $\leq 1.0$  <sup>2</sup> | SVM  $\leq 0.4$  <sup>2</sup>

## Electrical

DALI-2 DT8 | 1 DALI Addr.

PC1 | 220-240 V

system 31 W

system 105 lm/W <sup>3</sup>

21 W/m

## Physical

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

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</sup> 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 <sup>a</sup> | Room Surface Maintenance Factor |
| MF               | Maintenance Factor           | LLMF              | Lamp Lumens Maintenance Factor  |
| LMF <sup>a</sup> | Luminaire Maintenance Factor | LSF               | Lamp Survival Factor            |

<sup>a</sup> 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                            | 13                 |
| B13                            | 16                 |
| B16                            | 22                 |
| B20                            | 27                 |
| C10                            | 21                 |
| C13                            | 28                 |
| C16                            | 36                 |
| C20                            | 45                 |

## Components

### LIGHT OPTIC COVER

|                |                   |
|----------------|-------------------|
| TYPE           | ARTICLE NUMBER(S) |
| microprismatic | 006-16152Z        |

### 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         |



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### 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         |

