

# MOUNTING HOUSING with glowing square

049-8833537



Project / Type

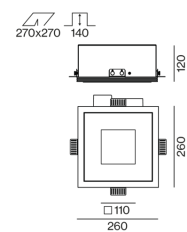
Notes

Count / Date



Recessed housing made of pressed steel sheet for flush installation in plasterboard ceilings, underside of aluminium-reinforced plaster (paintable); with square cut-out; no break-out of edges; for trimless installation in plasterboard ceilings; suitable for ceiling thickness of 8-25 mm; 3 non-reversible plug and play connector sockets for power supply to the spotlights; spotlight can be installed and moved without tools by means of magnetic holders; hot plug protection; indirect light component in housing; light colour 3000 K; binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 90$ ; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; indirect component in the channel continuously adjustable dimming via DALI; surface traffic white powder coated; degree of protection IP20; PC1; incl. DALI-2 converter; all spotlights together DALI dimmable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

## Product drawing



### General

Ceiling | Recessed

traffic white | RAL 9016 <sup>1</sup>

IP20

### LED

3000 K

CRI  $\geq 90$

initial MacAdam  $\leq 3$  SDCM

R<sub>g</sub>: 101 | R<sub>r</sub>: 91 | R<sub>t(15)</sub>: 89

MR 0.56 | MDER 0.51

### Optical

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

### Electrical

DALI-2 | 1 DALI Addr.

PC1 | 220-240 V

### Physical

length 260 mm | width 260 mm | height 120 mm

5 kg

### Cutout

length 270 mm | width 270 mm

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

recessed depth 140 mm

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)

## Installation instructions



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### Maintenance Factors

| Operating Time [h] | 10 000                       | 20 000 | 30 000            | 40 000                          | 50 000 |
|--------------------|------------------------------|--------|-------------------|---------------------------------|--------|
| LLMF               | 0.96                         | 0.93   | 0.89              | 0.86                            | 0.83   |
| 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 Converters |
|--------------------------------|----------------------|
| B10                            | 19                   |
| B13                            | 24                   |
| B16                            | 31                   |
| B20                            | 40                   |
| C10                            | 31                   |
| C13                            | 40                   |
| C16                            | 51                   |
| C20                            | 66                   |

