

# MOUNTING HOUSING

## with glowing square

049-8833537



Project / Type

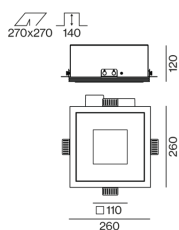
Notes

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>(1-15)</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

220-240 V

PC1

1 DALI Addr.

### 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



[049-8833537] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.  
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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 Faktor	

<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

