

MOUNTING HOUSING

with glowing round

049-8823537

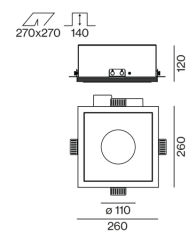


Project / Type	
Notes	
Count / Date	



Recessed housing made of pressed steel sheet for flush installation in plasterboard ceilings, underside of aluminium-reinforced plaster (paintable); with round 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 ≤ 3 SDCM; CRI ≥ 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 ¹
IP20

LED

3000 K
CRI ≥ 90
initial MacAdam ≤ 3 SDCM
R _g : 101 , R _r : 91 , R _{t(1-15)} : 89
MR 0.56
MDER 0.51

Optical

PstLM ≤ 1.0 ²
SVM ≤ 0.4 ²

Electrical

DALI-2
220-240 V
PC1
1 DALI Addr.
PC2
25 W
Dim DALI, Push Dim, Dim DSI, Dim Dali 2
min 198 V
max 264 V
Constant Current
min 50 Hz
max 60 Hz

Physical

length 260 mm
width 260 mm
height 120 mm

Cutout

length 270 mm
width 270 mm
min. ceiling thickness 8 mm
max. ceiling thickness 25 mm
recessed depth 140 mm

¹ RAL code ² 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 ^a	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF ^a	Luminaire Maintenance Factor		LSF	Lamp Survival Faktor	

^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 Converters
B10	19
B13	24
B16	31
B20	40
C10	31
C13	40
C16	51
C20	66

