



Project / Type

Notes

Count / Date



General
Ceiling , Track
spot line inset
black , RAL9005 ¹
2340 lm/m
IP20
2330 lm

LED
3000 K
CRI ≥ 80
L90 / 50000 h
initial MacAdam ≤ 3 SDCM
MR 0.56
MDER 0.51

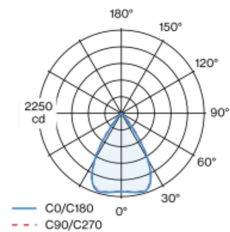
Optical
wide flood
UGR < 16 , ≥65° <1500 cd/m²
PstLM ≤ 1.0 ²
SVM ≤ 0.4 ²

Electrical
DALI-2
16.7 W
PC2 220-240V
140 lm/W
1 DALI Addr.
17 W/m

Physical
length 1000 mm
width 43 mm
height 13 mm

¹ RAL code ² Value of containing product at full load (undimmed)

Light distribution



Product drawing



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 ^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 Fixtures
B10	17
B13	22
B16	28
C10	22
C13	27
C16	35