

BO 45

PROFILES 40 2 lamps

042-0620138S



Project / Type

Notes

Count / Date



General

Ceiling , Semi-Recessed

tilt max 90°

rotation 360°

black , RAL9005 ¹

IP20

2120 lm

LED

4000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 97 , R_f: 90 , R₍₁₋₁₅₎: 89

MR 0.81

MDER 0.74

Optical

spot

beam angle 14°

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

DALI-2

30 W

total insets 25.5 W

PC1 220-240V

71 lm/W

1 DALI Addr.

Physical

length 300 mm

width 45 mm

height 142 mm

0.45 kg

300 (adapter) mm

Cutout

diameter 65 mm

min. ceiling thickness 9 mm

max. ceiling thickness 25 mm

recessed depth 230 mm

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

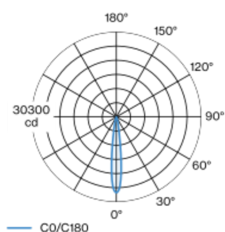
Installation instructions



Lighting calculator



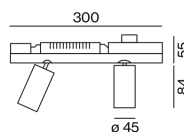
Light distribution



spot 14°

h (m)	EO° (lx)	ø (m)
1	13500	0.24
2	3400	0.48
3	1500	0.72
4	800	0.96
5	500	1.20

Product drawing



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.96	0.92	0.88	0.85	0.81
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	36
B13	47
B16	58
C10	36
C13	78
C16	58

Optical accessories

HONEYCOMB LOUVER

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
jet black	42	007-1965188

