

180-7330538S



Project / Type

Notes

Count / Date



Ceiling | Track

tilt max 90°

rotation 360°

black | RAL 9005 ¹

IP20

1880 lm

3000 K

CRI ≥ 90

1.80 / 50

initial MacAdam

Initial MacAulay ≤ 2 SDCM
 B = 400 / B = 64 / B = 32

R_g: 100 | R_f: 91 | R_{1-15}: 89

MR 0.59 | MDER 0.53

spot | beam angle 17°

$$\text{PstLM} \leq 1.0^2 \mid \text{SVM} \leq 0.4^2$$

DALI-2 | 1 DALI Addr.

PC2 | 220-240 V

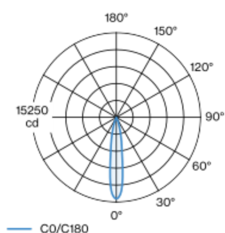
system 24.7 W

system 76 lm/W³

diameter 55 mm | height 140 mm

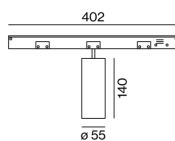
0.56 kg

Light distribution



spot 17°

h (m)	E0° (lx)	ø (m)
1	14700	0.30
2	3700	0.59
3	1600	0.89
4	900	1.19
5	600	1.48



Installation instructions



Lighting calculator



BO 55 intrack 1 lamp

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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 Factor	

^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

Optical accessories

HONEYCOMB LOUVER

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
jet black	50	007-1965598



Optical accessories

OVAL LENS

Ø (MM)	ARTICLE NUMBER(S)
50	007-1965890



SOFT LENS

Ø (MM)	ARTICLE NUMBER(S)
50	007-1965990



WALLWASHER LENS

Ø (MM)	ARTICLE NUMBER(S)
50	007-1965790

