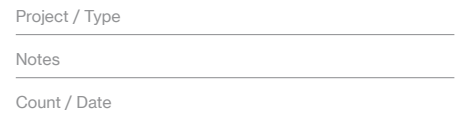


180-7330637F



Ceiling | Track  
tilt max 90°  
rotation 360°  
traffic white | RAL 9016  
IP20  
2190 lm

4000 K  
CRI ≥ 90  
L80 / 50000 h  
initial MacAdam ≤ 2 SDCM  
R<sub>g</sub>: 98 | R<sub>f</sub>: 90 | R<sub>{1-15}</sub>: 88  
MR 0.8 | MDER 0.72

flood | beam angle 37°

---

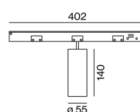
PstLM  $\leq 1.0^{1\ 2\ 3\ 4}$  | SVM  $\leq 0.4^{1\ 2\ 3\ 4}$

DALI-2   1 DALI Addr.
PC2   220-240 V
system 24.5 W
system 89 lm/W <sup>5</sup>

diameter 55 mm | height 140 mm

<sup>1</sup> wallwasher lens BO 55 007-1965790  
<sup>2</sup> soft lens BO 55 007-1965990 <sup>3</sup> oval lens BO 55 007-1965890  
<sup>4</sup> Value of containing product at full load (undimmed)  
<sup>5</sup> incl. consideration of optical losses, internal control unit losses  
 & operating device efficiency

h (m)	E0° (lx)	ø (m)
1	5980	0.67
2	1500	1.34
3	660	2.01
4	370	2.68
5	240	3.35



## Lighting calculator



# BO 55 intrack 1 lamp

180-7330637F



Project / Type

Notes

Count / Date

## Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.964	0.923	0.884	0.847	0.811
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 Factor

<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.

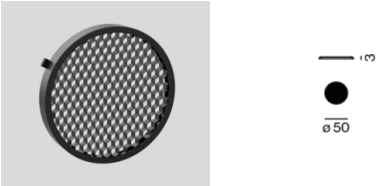
## Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	17
B13	22
B16	28
C10	22
C13	27
C16	35

## Optical accessories

### HONEYCOMB LOUVER

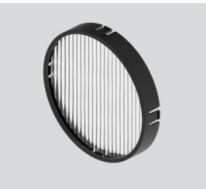
TYPE	COLOUR	Ø (MM)	ARTICLE NUMBER(S)
for BO 55   SASSO 100	jet black	50	007-1965598



## Optical accessories

### OVAL LENS

TYPE	Ø (MM)	ARTICLE NUMBER(S)
for BO 55	50	007-1965890



### SOFT LENS

TYPE	Ø (MM)	ARTICLE NUMBER(S)
for BO 55	50	007-1965990



### WALLWASHER LENS

TYPE	Ø (MM)	ARTICLE NUMBER(S)
for BO 55	50	007-1965790



# BO 55 intrack 1 lamp

180-7330637F



Project / Type

Notes

Count / Date

## Colour rendering



CRI/R<sub>a</sub> ≥ 91 R<sub>e</sub> ≥ 88 (4000 K)



## TM30 colour vector graphic



The black line represents the black body reference. The red line indicates the results of the test light source. The deviation from the test light source to the reference is shown and is marked by arrows. The shorter the arrows, the higher the color rendering.