

BO 45 surface

049-6230518S 002-90722



Project / Type

Notes

Count / Date



General

Ceiling , Surface

tilt max 90°

rotation 350°

black , RAL9005 ¹

IP20

1110 lm

LED

3000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 100 , R_f: 91 , R_{f1-15}: 88

MR 0.59

MDER 0.53

Optical

spot

beam angle 12°

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

non DIM

system 15.0 W

inset 12.8 W

37 Vf

350 mA

PC2 220-240V

system 74 lm/W³

inset 87 lm/W⁴

Physical

diameter 45 mm

height 155 mm

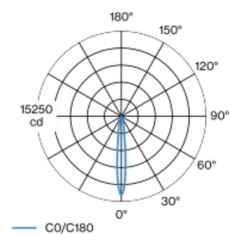
0.57 kg

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

³ incl. optical losses and the efficiency of the operating device (converter)

⁴ incl. optical losses

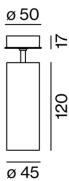
Light distribution



spot 12°

h (m)	E0° (lx)	ø (m)
1	14000	0.21
2	3500	0.42
3	1600	0.63
4	900	0.84
5	600	1.06

Product drawing



Installation instructions



Lighting calculator

