

BO 45 semi-recessed

049-613051XS 002-90722



Project / Type

Notes

Count / Date



General

Ceiling , Semi-Recessed

tilt max 90°

rotation 350°

special colours

IP20

1110 lm

fixture 87 lm/W¹

LED

3000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 100 , R_f: 91 , R_{f(1-15)}: 88

MR 0.59

MDER 0.53

Optical

spot

beam angle 12°

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

non DIM

220-240 V

system 15.0 W

fixture 12.8 W

37 Vf

350 mA

PC2

Physical

diameter 45 mm

height 149 mm

0.57 kg

Cutout

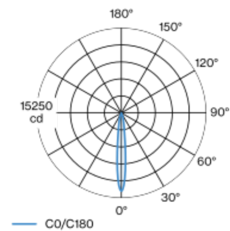
diameter 46 mm

min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

recessed depth 160 mm

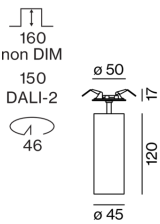
Light distribution



spot 12°

h (m)	EO° (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



¹ incl. consideration of optical losses & internal control unit losses

² Value of containing product at full load (undimmed)

Installation instructions

Lighting calculator

