

BO 45 semi-recessed

049-6130518M 002-90724



Project / Type

Notes

Count / Date



General

Ceiling , Semi-Recessed

tilt max 90°

rotation 350°

black , RAL9005 ¹

IP20

1290 lm

LED

3000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

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

MR 0.59

MDER 0.53

Optical

medium

beam angle 24°

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

non DIM

system 15.9 W

inset 13.5 W

36 Vf

400 mA

PC2 220-240V

system 81 lm/W³

inset 95 lm/W⁴

Physical

diameter 45 mm

height 149 mm

0.39 kg

Cutout

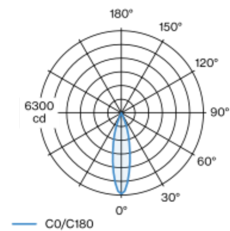
diameter 46 mm

min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

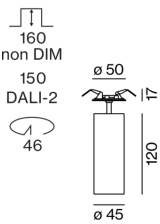
recessed depth 160 mm

Light distribution



medium 24°			
h (m)	EO° (lx)	ø (m)	
1	6210	0.43	
2	1550	0.86	
3	690	1.30	
4	390	1.73	
5	250	2.16	

Product drawing



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

Installation instructions



Lighting calculator

