

# BO 45 semi-recessed

049-6130418M 002-90724



Project / Type

Notes

Count / Date



General

Ceiling , Semi-Recessed

tilt max 90°

rotation 350°

black , RAL9005 <sup>1</sup>

IP20

1220 lm

LED

2700 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R<sub>g</sub>: 99 , R<sub>f</sub>: 91 , R<sub>(1-15)</sub>: 89

MR 0.53

MDER 0.48

Optical

medium

beam angle 24°

PstLM ≤ 1.0 <sup>2</sup>

SVM ≤ 0.4 <sup>2</sup>

Electrical

non DIM

system 15.9 W

inset 13.5 W

36 Vf

400 mA

PC2 220-240V

system 77 lm/W<sup>3</sup>

inset 90 lm/W<sup>4</sup>

Physical

diameter 45 mm

height 149 mm

0.39 kg

Cutout

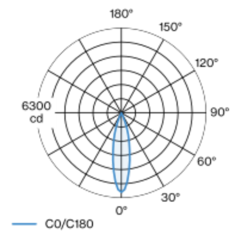
diameter 46 mm

min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

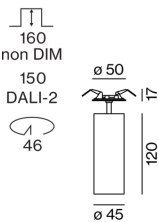
recessed depth 160 mm

## Light distribution



| medium 24° |          |       |  |
|------------|----------|-------|--|
| h (m)      | EO° (lx) | ø (m) |  |
| 1          | 5880     | 0.43  |  |
| 2          | 1470     | 0.86  |  |
| 3          | 650      | 1.30  |  |
| 4          | 370      | 1.73  |  |
| 5          | 240      | 2.16  |  |

## Product drawing



<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</sup> incl. optical losses and the efficiency of the operating device (converter)  
<sup>4</sup> incl. optical losses

## Installation instructions



## Lighting calculator

