

# BO 45 semi-recessed

049-6130718M 002-90728



Project / Type \_\_\_\_\_

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



## General

Ceiling , Semi-Recessed  
 tilt max 90°  
 rotation 350°  
 black , RAL9005 <sup>1</sup>  
 IP20  
 1280 lm

## LED

3500 K  
 CRI ≥ 90  
 L80 / 50000 h  
 initial MacAdam ≤ 2 SDCM  
 R<sub>g</sub>: 97 , R<sub>f</sub>: 90 , R<sub>f(1-5)</sub>: 89  
 MR 0.7  
 MDER 0.63

## Optical

medium  
 beam angle 24°  
 PstLM ≤ 1.0 <sup>2</sup>  
 SVM ≤ 0.4 <sup>2</sup>

## Electrical

DALI-2  
 15.9 W  
 PC2 220-240V  
 81 lm/W  
 1 DALI Addr.

## Physical

diameter 45 mm  
 height 149 mm  
 0.34 kg

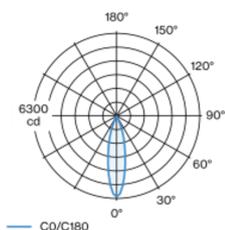
## Cutout

min. ceiling thickness 2 mm  
 max. ceiling thickness 25 mm  
 recessed depth 150 mm

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)

Cylindrical spotlight in aluminium; surface black powder coated; 350° rotatable and 90° tiltable; recessed version with trim; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 3500 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; high quality, aluminium, vapour deposition coated reflector with faceted lens design; precise radiation characteristic with 24° beam; good glare control through recessed light point level; optical attachment available as accessory; accessories are listed separately; degree of protection IP20; PC2 220-240V; incl. DALI-2 converter; flicker-free visual comfort through analogue current control (minimum value 1%); external converter for ceiling insertion, through-wiring suitable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

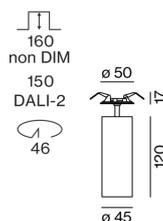
## Light distribution



medium 24°

| h (m) | EO° (lx) | ø (m) |
|-------|----------|-------|
| 1     | 6160     | 0.43  |
| 2     | 1540     | 0.86  |
| 3     | 680      | 1.30  |
| 4     | 390      | 1.73  |
| 5     | 250      | 2.16  |

## Product drawing



## Installation instructions



## Lighting calculator

