

BO 45 semi-recessed

049-6130717S 002-90720



Project / Type

Notes

Count / Date



General

Ceiling , Semi-Recessed

tilt max 90°

rotation 350°

white , RAL 9016 ¹

IP20

1030 lm

fixture 81 lm/W²

LED

3500 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 97 , R_r: 90 , R₍₁₋₁₅₎: 89

MR 0.7

MDER 0.63

Optical

spot

beam angle 12°

P_{stLM} ≤ 1.0 ³

SVM ≤ 0.4 ³

Electrical

DALI-2

220-240 V

system 15.0 W

fixture 12.8 W

37 Vf

350 mA

PC2

1 DALI Addr.

Physical

diameter 45 mm

height 149 mm

0.44 kg

Cutout

diameter 46 mm

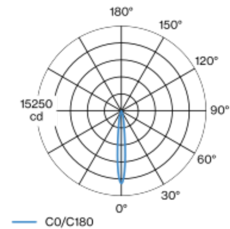
min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

recessed depth 150 mm

Cylindrical spotlight in aluminium; surface white 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 12° beam; good glare control through recessed light point level; optical attachment available as accessory; accessories are listed separately; degree of protection IP20; PC2; 220-240 V; 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;

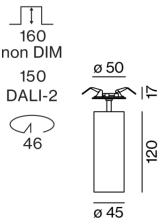
Light distribution



spot 12°

| h (m) | EO° (lx) | ø (m) |
|-------|----------|-------|
| 1 | 13000 | 0.21 |
| 2 | 3300 | 0.42 |
| 3 | 1400 | 0.63 |
| 4 | 800 | 0.84 |
| 5 | 500 | 1.06 |

Product drawing



¹ RAL code

² FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

³ Value of containing product at full load (undimmed)

Installation instructions



Lighting calculator

