

BO 45 semi-recessed

049-6130417S 002-90720



Project / Type

Notes

Count / Date



General

Ceiling , Semi-Recessed

tilt max 90°

rotation 350°

white , RAL9016 ¹

IP20

1030 lm

LED

2700 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 99 , R_f: 91 , R₍₁₋₁₅₎: 89

MR 0.53

MDER 0.48

Optical

spot

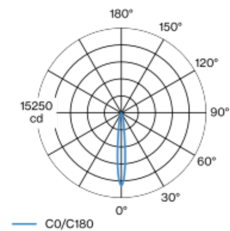
beam angle 12°

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

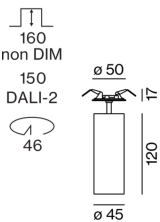
Cylindrical spotlight in aluminium; surface white powder coated; 350° rotatable and 90° tiltable; recessed version with trim; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 2700 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 220-240V; 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



| 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



Electrical

DALI-2

14.6 W

PC2 220-240V

71 lm/W

1 DALI Addr.

Physical

diameter 45 mm

height 149 mm

0.44 kg

Cutout

min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

recessed depth 150 mm

¹ RAL code ² Value of containing product at full load (undimmed)

Installation instructions



Lighting calculator

