

BO 45 semi-recessed

049-613071XV 002-90729



Project / Type

Notes

Count / Date



General

Ceiling , Semi-Recessed

tilt max 90°

rotation 350°

special colours

IP20

437 lm

fixture 63 lm/W¹

LED

3500 K

CRI ≥ 90

L85 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 97 , R_r: 90 , R₍₁₋₅₎: 87

MR 0.68

MDER 0.62

Optical

super spot

beam angle 8°

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

DALI-2

220-240 V

system 9.2 W

fixture 6.9 W

11 Vf

600 mA

PC2

1 DALI Addr.

Physical

diameter 45 mm

height 149 mm

0.04 kg

Cutout

diameter 46 mm

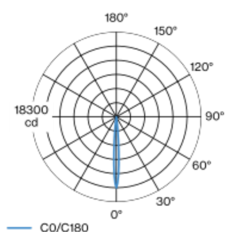
min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

recessed depth 150 mm

Cylindrical spotlight in aluminium; surface special colours 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 high power LED for maximum efficiency; no appearance of multiple shadows; light colour 3500 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 8° 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;

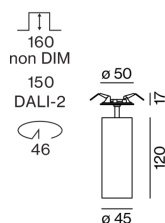
Light distribution



super spot 8°

| h (m) | EO° (lx) | ø (m) |
|-------|----------|-------|
| 1 | 15300 | 0.14 |
| 2 | 3800 | 0.28 |
| 3 | 1700 | 0.41 |
| 4 | 1000 | 0.55 |
| 5 | 600 | 0.69 |

Product drawing



¹ FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.
² Value of containing product at full load (undimmed)

Installation instructions



Lighting calculator

