

BO 55 semi-recessed

049-6140418F 002-90729



Project / Type

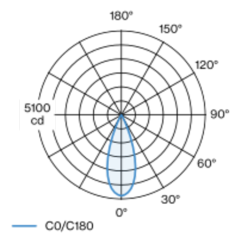
Notes

Count / Date



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 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 37° 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;

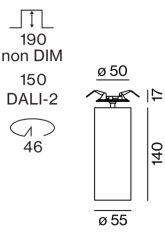
Light distribution



flood 37°

| h (m) | EO° (lx) | ø (m) |
|-------|----------|-------|
| 1 | 4920 | 0.67 |
| 2 | 1230 | 1.34 |
| 3 | 550 | 2.01 |
| 4 | 310 | 2.68 |
| 5 | 200 | 3.35 |

Product drawing



General

| |
|-------------------------------|
| Ceiling Semi-Recessed |
| tilt max 90° |
| rotation 350° |
| black RAL 9005 ¹ |
| IP20 |
| 1800 lm |
| fixture 86 lm/W ² |

LED

| |
|---|
| 2700 K |
| CRI ≥ 90 |
| L80 / 50000 h |
| initial MacAdam ≤ 2 SDCM |
| R _g : 99 R _r : 91 R _{t(15)} : 89 |
| MR 0.53 MDER 0.48 |

Optical

| |
|---|
| flood beam angle 37° |
| PstLM ≤ 1.0 ³ SVM ≤ 0.4 ³ |

Electrical

| |
|--------------------------------|
| DALI-2 1 DALI Addr. |
| PC2 220-240 V |
| system 24.7 W fixture 21.0 W |
| 36 Vf 600 mA |

Physical

| |
|--------------------------------|
| diameter 55 mm height 159 mm |
| 0.46 kg |

Cutout

| |
|--|
| diameter 46 mm |
| min. ceiling thickness 2 mm max. ceiling thickness 25 mm |
| recessed depth 150 mm |

¹ RAL code
² incl. consideration of optical losses & internal control unit losses
³ Value of containing product at full load (undimmed)

Installation instructions



Lighting calculator

