

BO 45 semi-recessed

049-6130518M 002-90728



Project / Type

Notes

Count / Date



| |
|-------------------------------|
| General |
| Ceiling , Semi-Recessed |
| tilt max 90° |
| rotation 350° |
| black , RAL 9005 ¹ |
| IP20 |
| 1290 lm |
| fixture 95 lm/W ² |

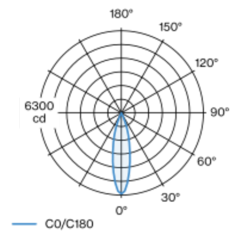
| |
|---|
| LED |
| 3000 K |
| CRI ≥ 90 |
| L80 / 50000 h |
| initial MacAdam ≤ 2 SDCM |
| R _g : 100 , R _f : 91 , R _{f(1-5)} : 88 |
| MR 0.59 |
| MDER 0.53 |

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|--------------------------|
| Optical |
| medium |
| beam angle 24° |
| PstLM ≤ 1.0 ³ |
| SVM ≤ 0.4 ³ |

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 3000 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; 220-240 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;

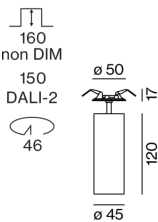
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|----------------|
| Electrical |
| DALI-2 |
| 220-240 V |
| system 15.9 W |
| fixture 13.5 W |
| 36 Vf |
| 400 mA |
| PC2 |
| 1 DALI Addr. |

Light distribution



| | | | |
|------------|----------|-------|--|
| medium 24° | | | |
| h (m) | EO° (lx) | ø (m) | |
| 1 | 6210 | 0.43 | |
| 2 | 1550 | 0.86 | |
| 3 | 690 | 1.30 | |
| 4 | 390 | 1.73 | |
| 5 | 250 | 2.16 | |

Product drawing



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|----------------|
| Physical |
| diameter 45 mm |
| height 149 mm |
| 0.41 kg |

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|------------------------------|
| 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

