

BO 55 semi-recessed

049-6140517S 002-90729



Project / Type

Notes

Count / Date



220-240V

350°

General

Ceiling , Semi-Recessed

tilt max 90°

rotation 350°

white , RAL9016 ¹

IP20

1880 lm

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

Optical

spot

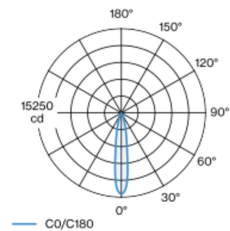
beam angle 17°

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 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 17° 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 17° | | |
|----------|----------|-------|
| h (m) | EO° (lx) | ø (m) |
| 1 | 14700 | 0.30 |
| 2 | 3700 | 0.59 |
| 3 | 1600 | 0.89 |
| 4 | 900 | 1.19 |
| 5 | 600 | 1.48 |

Product drawing



Electrical

DALI-2

24.7 W

PC2 220-240V

76 lm/W

1 DALI Addr.

Physical

diameter 55 mm

height 159 mm

0.48 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

