

# BO 55 semi-recessed

049-614051XS 002-90729



Project / Type

Notes

Count / Date



220-240V

220-240V

X-PERT

X-PERT

**General**

Ceiling , Semi-Recessed

tilt max 90°

rotation 350°

special colours

IP20

1880 lm

**LED**

3000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R<sub>g</sub>: 100 , R<sub>f</sub>: 91 , R<sub>f1-15</sub>: 88

MR 0.59

MDER 0.53

**Optical**

spot

beam angle 17°

PstLM ≤ 1.0 <sup>1</sup>

SVM ≤ 0.4 <sup>1</sup>

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 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;

**Electrical**

DALI-2

24.7 W

PC2 220-240V

76 lm/W

1 DALI Addr.

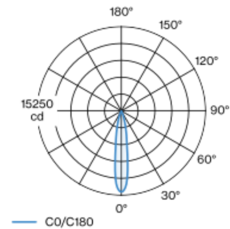
**Physical**

diameter 55 mm

height 159 mm

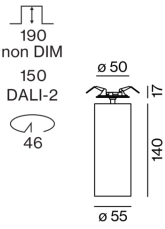
0.48 kg

## Light distribution



| 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



**Cutout**

min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

recessed depth 150 mm

<sup>1</sup> Value of containing product at full load (undimmed)

**Installation instructions**

**Lighting calculator**

