

# BO 55 surface

049-624071XS 002-90729



Project / Type

Notes

Count / Date



### General

Ceiling , Surface

tilt max 90°

rotation 350°

special colours

IP20

1870 lm

### LED

3500 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R<sub>g</sub>: 97 , R<sub>f</sub>: 90 , R<sub>(1-15)</sub>: 89

MR 0.7

MDER 0.63

### Optical

spot

beam angle 17°

PstLM ≤ 1.0 <sup>1</sup>

SVM ≤ 0.4 <sup>1</sup>

### Electrical

DALI-2

24.7 W

PC2 220-240V

76 lm/W

1 DALI Addr.

### Physical

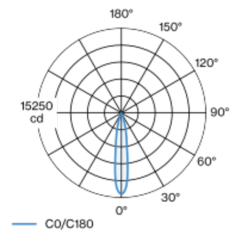
diameter 55 mm

height 165 mm

0.48 kg

Cylindrical spotlight in aluminium; surface special colours powder coated; 350° rotatable and 90° tiltable; with surface mounted housing; 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 3500 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;

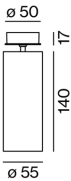
### Light distribution



spot 17°

h (m)	EO° (lx)	ø (m)
1	14600	0.30
2	3600	0.59
3	1600	0.89
4	900	1.19
5	600	1.48

### Product drawing



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

### Installation instructions



### Lighting calculator

