

BO 55 surface

049-6240417F 002-90729



Project / Type

Notes

Count / Date



General

Ceiling | Surface

tilt max 90°

rotation 350°

white | RAL 9016 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₍₁₋₁₅₎: 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

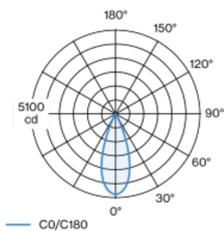
Physical

diameter 55 mm | height 165 mm

0.46 kg

Cylindrical spotlight in aluminium; surface white 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 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



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

