

BO 55 surface

049-6240418S 002-90726



Project / Type

Notes

Count / Date



General

Ceiling , Surface

tilt max 90°

rotation 350°

black , RAL9005 ¹

IP20

1770 lm

LED

2700 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 99 , R_f: 91 , R₍₁₋₁₅₎: 89

MR 0.53

MDER 0.48

Optical

spot

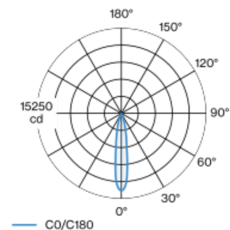
beam angle 17°

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

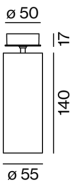
Cylindrical spotlight in aluminium; surface black powder coated; 350° rotatable and 90° tiltable; with surface mounted housing; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 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 17° beam; good glare control through recessed light point level; optical attachment available as accessory; accessories are listed separately; degree of protection IP20; PC2; 220-240 V; incl. converter, non dimmable; 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 ³ (lx)	ø (m)
1	13800	0.30
2	3400	0.59
3	1500	0.89
4	900	1.19
5	600	1.48

Product drawing



Electrical

non DIM

220-240 V

system 24.7 W

inset 21.0 W

36 Vf

600 mA

PC2

system 72 lm/W³

inset 84 lm/W³

Physical

diameter 55 mm

height 165 mm

0.55 kg

¹ RAL code ² Value of containing product at full load (undimmed)
³ incl. optical losses and the efficiency of the operating device (converter)

Installation instructions



Lighting calculator

