

BO 55 surface

049-624071XF 002-90726



Project / Type

Notes

Count / Date



General

Ceiling | Surface

tilt max 90°

rotation 350°

special colours

IP20

1910 lm

fixture 91 lm/W¹

LED

3500 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 97 | R_f: 90 | R_{f(1-15)}: 89

MR 0.7 | MDER 0.63

Optical

flood | beam angle 37°

PstLM ≤ 1.0² | SVM ≤ 0.4²

Electrical

non DIM

PC2 | 220-240 V

system 24.7 W | fixture 21.0 W

36 Vf | 600 mA

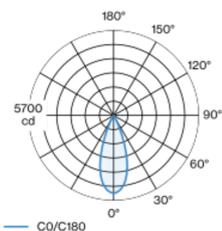
Physical

diameter 55 mm | height 165 mm

0.45 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 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. 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



flood 37°

h (m)	E0 ³ (lx)	ø (m)
1	5220	0.67
2	1300	1.34
3	580	2.01
4	330	2.68
5	210	3.35

Product drawing



¹ incl. consideration of optical losses & internal control unit losses

² Value of containing product at full load (undimmed)

Installation instructions



Lighting calculator

