

BO 55 surface

049-624041XM 002-90726



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling , Surface _____
tilt max 90° _____
rotation 350° _____
special colours _____
IP20 _____
1790 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

medium _____
beam angle 31° _____
PstLM ≤ 1.0 ¹ _____
SVM ≤ 0.4 ¹ _____

Electrical

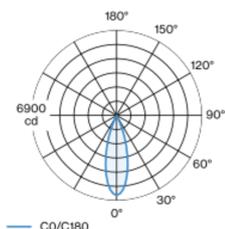
non DIM _____
24.7 W _____
PC2 220-240V _____
72 lm/W _____

Physical

diameter 55 mm _____
height 165 mm _____
0.55 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 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 31° 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. 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



medium 31°

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1 | 6460 | 0.55 |
| 2 | 1610 | 1.10 |
| 3 | 720 | 1.65 |
| 4 | 400 | 2.20 |
| 5 | 260 | 2.75 |

Product drawing



¹ Value of containing product at full load (undimmed)

Installation instructions



Lighting calculator

