

# BO 55 surface

049-6240418M 002-90726



Project / Type

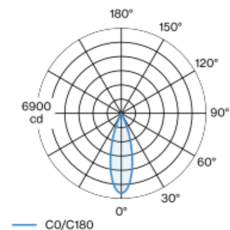
Notes

Count / Date



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 31° beam; good glare control through recessed light point level; optical attachment available as accessory; accessories are listed separately; degree of protection IP20; PC2; 220-240 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;

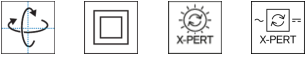
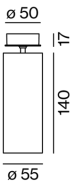
## Light distribution



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



## General

Ceiling , Surface

tilt max 90°

rotation 350°

black , RAL 9005 <sup>1</sup>

IP20

1790 lm

fixture 85 lm/W<sup>2</sup>

## LED

2700 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R<sub>g</sub>: 99 , R<sub>r</sub>: 91 , R<sub>t(1-15)</sub>: 89

MR 0.53

MDER 0.48

## Optical

medium

beam angle 31°

P<sub>stLM</sub> ≤ 1.0 <sup>3</sup>

SVM ≤ 0.4 <sup>3</sup>

## Electrical

non DIM

220-240 V

system 24.7 W

fixture 21.0 W

36 Vf

600 mA

PC2

## Physical

diameter 55 mm

height 165 mm

0.45 kg

<sup>1</sup> RAL code  
<sup>2</sup> incl. consideration of optical losses & internal control unit losses  
<sup>3</sup> Value of containing product at full load (undimmed)

## Installation instructions



## Lighting calculator

