

# BO 55 semi-recessed

049-6140417F 002-90726



Project / Type \_\_\_\_\_

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



## General

Ceiling , Semi-Recessed  
 tilt max 90°  
 rotation 350°  
 white , RAL 9016 <sup>1</sup>  
 IP20  
 1800 lm  
 fixture 86 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>(1-15)</sub>: 89  
 MR 0.53  
 MDER 0.48

## Optical

flood  
 beam angle 37°  
 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

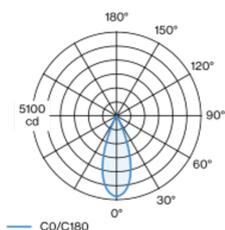
diameter 55 mm  
 height 159 mm  
 0.55 kg

## Cutout

diameter 46 mm  
 min. ceiling thickness 2 mm  
 max. ceiling thickness 25 mm  
 recessed depth 190 mm

Cylindrical spotlight in aluminium; surface white powder coated; 350° rotatable and 90° tiltable; recessed version with trim; suitable for ceiling thickness of 2-25 mm; 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. 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;

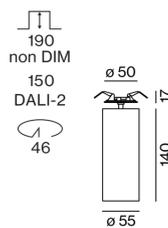
## Light distribution



flood 37°

| h (m) | 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



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

## Installation instructions



## Lighting calculator

