

# BO 32 semi-recessed

049-6120518M 002-90743



Project / Type

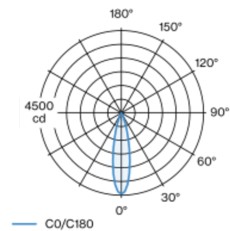
Notes

Count / Date



Cylindrical spotlight in aluminium; surface black 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 3000 K; binning initial MacAdam  $\leq 2$  SDCM; CRI  $\geq 90$ ; 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 24° 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. DALI-2 converter; flicker-free visual comfort through analogue current control (minimum value 1%); 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 24°		
h (m)	EO° (lx)	ø (m)
1	4430	0.42
2	1110	0.83
3	490	1.25
4	280	1.67
5	180	2.09

## Product drawing



## General

Ceiling | Semi-Recessed

tilt max 90°

rotation 350°

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

IP20

833 lm

## LED

3000 K

CRI  $\geq 90$

L80 / 50000 h

initial MacAdam  $\leq 2$  SDCM

R<sub>g</sub>: 100 | R<sub>f</sub>: 91 | R<sub>t(1-15)</sub>: 89

MR 0.59 | MDER 0.53

## Optical

medium | beam angle 24°

PstLM  $\leq 1.0$  <sup>2 3 4 5</sup> | SVM  $\leq 0.4$  <sup>2 3 4 5</sup>

## Electrical

DALI-2 | 1 DALI Addr.

PC2 | 220-240 V

system 11.7 W | fixture 8.7 W

fixture 95 lm/W <sup>6</sup>

36 Vf | 250 mA

## Physical

diameter 32 mm | height 139 mm

0.39 kg

## Cutout

diameter 46 mm

min. ceiling thickness 2 mm | max. ceiling thickness 25 mm

recessed depth 110 mm

<sup>1</sup> RAL code <sup>2</sup> wallwasher lens BO 32 007-1965760  
<sup>3</sup> soft lens BO 32 007-1965960 <sup>4</sup> oval lens BO 32 007-1965860  
<sup>5</sup> Value of containing product at full load (undimmed)  
<sup>6</sup> incl. consideration of optical losses & internal control unit losses

## Installation instructions



## Lighting calculator

