

# BO 32 semi-recessed

049-612041XM 002-90742



Project / Type

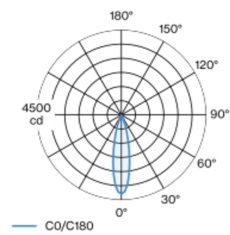
Notes

Count / Date



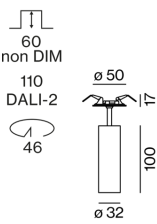
Cylindrical spotlight in aluminium; surface special colours powder coated; 350° rotatable and 90° tiltable; recessed version with trim; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; 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 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. 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 24°		
h (m)	EO° (lx)	ø (m)
1	4180	0.42
2	1040	0.83
3	460	1.25
4	260	1.67
5	170	2.09

## Product drawing



## General

Ceiling | Semi-Recessed

tilt max 90°

rotation 350°

special colours

IP20

786 lm

## LED

2700 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R<sub>g</sub>: 99 | R<sub>f</sub>: 91 | R<sub>(1-15)</sub>: 89

MR 0.53 | MDER 0.48

## Optical

medium | beam angle 24°

PstLM ≤ 1.0<sup>1 2 3 4</sup> | SVM ≤ 0.4<sup>1 2 3 4</sup>

## Electrical

non DIM

PC2 | 220-240 V

system 11.6 W | fixture 8.7 W

fixture 90 lm/W<sup>5</sup>

36 Vf | 250 mA

## Physical

diameter 32 mm | height 139 mm

0.24 kg

## Cutout

diameter 46 mm

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

recessed depth 60 mm

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

## Installation instructions



## Lighting calculator

