

# BO 32 semi-recessed

049-6120418M 002-90742



Project / Type \_\_\_\_\_  
 Notes \_\_\_\_\_  
 Count / Date \_\_\_\_\_



## General

Ceiling , Semi-Recessed  
 tilt max 90°  
 rotation 350°  
 black , RAL9005 <sup>1</sup>  
 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>2</sup>  
 SVM ≤ 0.4 <sup>2</sup>

## Electrical

non DIM  
 system 11.6 W  
 inset 8.7 W  
 36 Vf  
 250 mA  
 PC2 220-240V  
 system 68 lm/W<sup>3</sup>  
 inset 90 lm/W<sup>4</sup>

## Physical

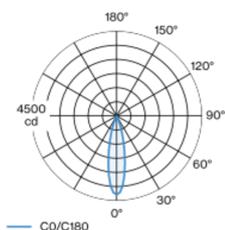
diameter 32 mm  
 height 139 mm  
 0.24 kg

## Cutout

diameter 46 mm  
 min. ceiling thickness 2 mm  
 max. ceiling thickness 25 mm  
 recessed depth 60 mm

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 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 220-240V; 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;

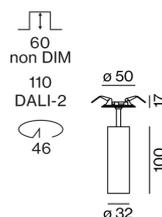
## Light distribution



medium 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



<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</sup> incl. optical losses and the efficiency of the operating device (converter)  
<sup>4</sup> incl. optical losses

## Installation instructions



## Lighting calculator

