

# BO 32 semi-recessed

049-612041XM 002-90743



Project / Type

Notes

Count / Date



General

Ceiling , Semi-Recessed

tilt max 90°

rotation 350°

special colours

IP20

786 lm

fixture 90 lm/W<sup>1</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 24°

PstLM ≤ 1.0<sup>2</sup>

SVM ≤ 0.4<sup>2</sup>

Electrical

DALI-2

220-240 V

system 11.6 W

fixture 8.7 W

36 Vf

250 mA

PC2

1 DALI Addr.

Physical

diameter 32 mm

height 139 mm

0.39 kg

Cutout

diameter 46 mm

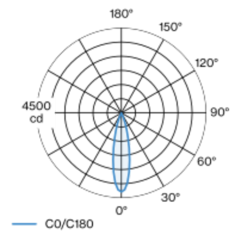
min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

recessed depth 110 mm

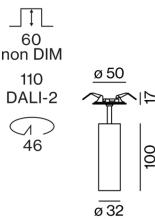
Cylindrical spotlight in aluminium; surface special colours powder coated; 350° rotatable and 90° tiltable; recessed version with trim; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency;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

## Product drawing



<sup>1</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>2</sup> Value of containing product at full load (undimmed)

## Installation instructions



## Lighting calculator

