

BO 32 semi-recessed

049-6120717S 002-90742



Project / Type

Notes

Count / Date



General
Ceiling , Semi-Recessed
tilt max 90°
rotation 350°
white , RAL9016 ¹
IP20
742 lm

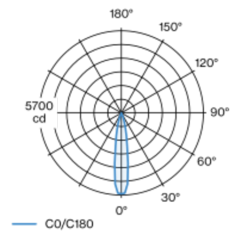
LED
3500 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R _g : 97 , R _f : 90 , R _{t(1-5)} : 89
MR 0.7
MDER 0.63

Optical
spot
beam angle 18°
PstLM ≤ 1.0 ²
SVM ≤ 0.4 ²

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 3500 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 18° 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;

Electrical
non DIM
system 11.6 W
inset 8.7 W
36 Vf
250 mA
PC2 220-240V
system 64 lm/W ³
inset 85 lm/W ⁴

Light distribution



spot 18°		
h (m)	E0° (lx)	ø (m)
1	5620	0.32
2	1400	0.63
3	620	0.95
4	350	1.27
5	220	1.58

Product drawing



Physical
diameter 32 mm
height 139 mm
0.23 kg

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

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

Installation instructions



Lighting calculator

