

BO 32 semi-recessed

049-6120518S 002-90743



Project / Type

Notes

Count / Date



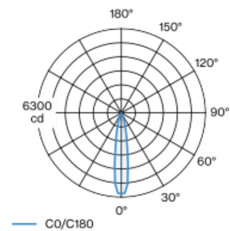
General
Ceiling , Semi-Recessed
tilt max 90°
rotation 350°
black , RAL9005 ¹
IP20
800 lm

LED
3000 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R _g : 100 , R _f : 91 , R _{f[1-5]} : 88
MR 0.59
MDER 0.53

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

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 ≤ 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. 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



spot 18°		
h (m)	E0° (lx)	ø (m)
1	6060	0.32
2	1510	0.63
3	670	0.95
4	380	1.27
5	240	1.58

Product drawing



Electrical
DALI-2
system 11.7 W
inset 8.7 W
36 Vf
250 mA
PC2 220-240V
system 68 lm/W ³
inset 91 lm/W ⁴
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

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

