

BO 32 semi-recessed

049-6120718S 002-90742



Project / Type

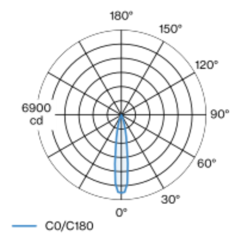
Notes

Count / Date



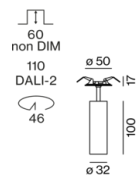
Cylindrical spotlight in aluminium; surface jet black powder coated; 350° rotatable and 90° tiltable; recessed version with trim; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 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; 220-240 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



| spot 18° | | | |
|----------|----------|-------|--|
| h (m) | EO° (lx) | ø (m) | |
| 1 | 6320 | 0.32 | |
| 2 | 1580 | 0.63 | |
| 3 | 700 | 0.95 | |
| 4 | 400 | 1.27 | |
| 5 | 250 | 1.58 | |

Product drawing



General

Ceiling | Semi-Recessed

tilt max 90°

rotation 350°

jet black | RAL 9005

IP20

835 lm

LED

3500 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 99 | R_f: 90 | R_{t(1-15)}: 89

MR 0.7 | MDER 0.64

Optical

spot | beam angle 18°

PstLM ≤ 1.0 ^{1 2 3 4} | SVM ≤ 0.4 ^{1 2 3 4}

Electrical

non DIM

PC2 | 220-240 V

system 11.6 W | fixture 8.7 W

fixture 96 lm/W⁵

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

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

Installation instructions



Lighting calculator

