

BO 32 surface

049-6220418S 002-90742



Project / Type

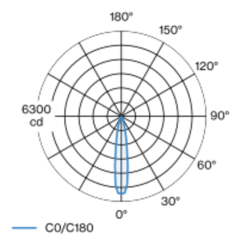
Notes

Count / Date



Cylindrical spotlight in aluminium; surface black powder coated; 350° rotatable and 90° tiltable; with surface mounted housing; 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 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) | E0° (lx) | ø (m) |
| 1 | 5710 | 0.32 |
| 2 | 1430 | 0.63 |
| 3 | 630 | 0.95 |
| 4 | 360 | 1.27 |
| 5 | 230 | 1.58 |

Product drawing



General

Ceiling | Surface

tilt max 90°

rotation 350°

black | RAL 9005 ¹

IP20

754 lm

LED

2700 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 99 | R_f: 91 | R₍₁₋₁₅₎: 89

MR 0.53 | MDER 0.48

Optical

spot | beam angle 18°

PstLM ≤ 1.0^{2 3 4 5} | SVM ≤ 0.4^{2 3 4 5}

Electrical

non DIM

PC2 | 220-240 V

system 11.6 W | fixture 8.7 W

fixture 86 lm/W ⁶

36 Vf | 250 mA

Physical

diameter 32 mm | height 145 mm

0.24 kg

¹ RAL code ² wallwasher lens BO 32 007-1965760
³ oval lens BO 32 007-1965860 ⁴ soft lens BO 32 007-1965960
⁵ Value of containing product at full load (undimmed)
⁶ incl. consideration of optical losses & internal control unit losses

Installation instructions



Lighting calculator

