

BO 32 surface

049-6220717M 002-90742



Project / Type

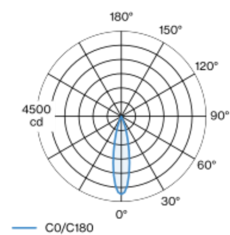
Notes

Count / Date



Cylindrical spotlight in aluminium; surface white 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 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 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. 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



medium 24°		
h (m)	EO° (lx)	ø (m)
1	4110	0.42
2	1030	0.83
3	460	1.25
4	260	1.67
5	160	2.09

Product drawing



General

Ceiling | Surface

tilt max 90°

rotation 350°

white | RAL 9016 ¹

IP20

773 lm

LED

3500 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 97 | R_f: 90 | R_{t(1-15)}: 89

MR 0.7 | MDER 0.63

Optical

medium | beam angle 24°

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 89 lm/W ⁶

36 Vf | 250 mA

Physical

diameter 32 mm | height 145 mm

0.24 kg

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

Installation instructions



Lighting calculator

