BO 32 surface

049-6220718F 002-90742

General

Ceiling , Surface
tilt max 90°
rotation 350°
black , RAL 9005 [1]
IP20
738 lm
fixture 84 lm/W [2]

LED

3500 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R_g: 97 , R_f: 90 , $R_{(1-15)}$: 89
MR 0.7
MDER 0.63

Optical

flood
beam angle 34°
PstLM ≤ 1.0 [3]
SVM ≤ 0.4 [3]

Electrical

non DIM
220-240 V
system 11.6 W
fixture 8.7 W
36 Vf
250 mA
PC2

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 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 34° 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;
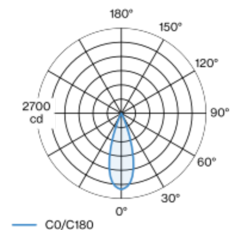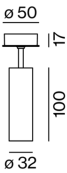
Physical

diameter 32 mm
height 145 mm
0.32 kg

[1] RAL code
[2] FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.
[3] Value of containing product at full load (undimmed)

Light distribution

flood 34°

h (m)	E0° (lx)	ø (m)
1	2410	0.61
2	600	1.21
3	270	1.82
4	150	2.42
5	100	3.03

— C0/C180

Product drawing

Installation instructions

Lighting calculator

06.04.2025