

# BO 32 surface

049-622041XS 002-90742



Project / Type

Notes

Count / Date



### General

Ceiling , Surface

tilt max 90°

rotation 350°

special colours

IP20

754 lm

### LED

2700 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R<sub>g</sub>: 99 , R<sub>f</sub>: 91 , R<sub>(1-15)</sub>: 89

MR 0.53

MDER 0.48

### Optical

spot

beam angle 18°

PstLM ≤ 1.0 <sup>1</sup>

SVM ≤ 0.4 <sup>1</sup>

Cylindrical spotlight in aluminium; surface special colours 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 220-240V; 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;

### Electrical

non DIM

system 11.6 W

inset 8.7 W

36 Vf

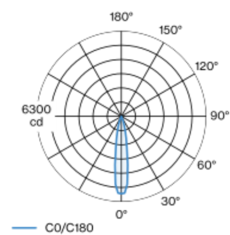
250 mA

PC2 220-240V

system 65 lm/W<sup>2</sup>

inset 86 lm/W<sup>3</sup>

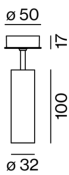
### Light distribution



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



### Physical

diameter 32 mm

height 145 mm

0.24 kg

<sup>1</sup> Value of containing product at full load (undimmed)

<sup>2</sup> incl. optical losses and the efficiency of the operating device (converter)

<sup>3</sup> incl. optical losses

### Installation instructions



### Lighting calculator

