

# BO 45 base surface 1 lamp

049-6330418S



Project / Type

Notes

Count / Date



Surface mounted spotlight made of aluminium; 1 lamp; cylindrical spotlight head; surface black powder coated; 350° rotatable and 90° tiltable; surface mounted housing in aluminium incl. converter; mounting plate with pre-assembled converter unit can be pre-mounted; luminaire housing can be attached without tools by interlock; 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 12° beam; good glare control through recessed light point level; optical attachment available as accessory; accessories are listed separately; degree of protection IP20; PC1; 220-240 V; incl. converter, non dimmable; luminaire for through wiring; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;



### General

Ceiling | Surface

tilt max 90°

rotation 350°

black | RAL 9005 <sup>1</sup>

IP20

1050 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 12°

### Electrical

non DIM

PC1 | 220-240 V

system 15.0 W

system 70 lm/W <sup>2</sup>

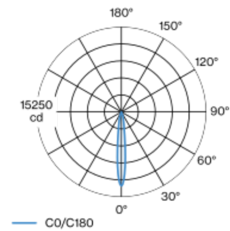
### Physical

length 180 mm | width 55 mm | height 163 mm

0.5 kg

<sup>1</sup> RAL code  
<sup>2</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

### Light distribution



spot 12°

h (m)	EO° (lx)	ø (m)
1	13300	0.21
2	3300	0.42
3	1500	0.63
4	800	0.84
5	500	1.06

### Product drawing



### Installation instructions



### Lighting calculator

