

# BO 45 base surface 1 lamp

049-6330718M



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 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; 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

1280 lm

### LED

3500 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R<sub>g</sub>: 97 | R<sub>f</sub>: 90 | R<sub>t(1-15)</sub>: 89

MR 0.7 | MDER 0.63

### Optical

medium | beam angle 24°

### Electrical

non DIM

PC1 | 220-240 V

system 15.9 W

system 81 lm/W <sup>2</sup>

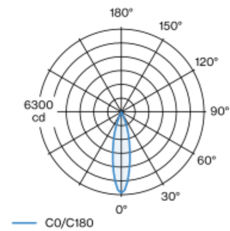
### Physical

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

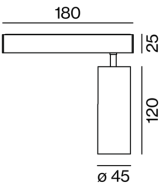
### Light distribution



medium 24°

h (m)	E0° (lx)	ø (m)
1	6160	0.43
2	1540	0.86
3	680	1.30
4	390	1.73
5	250	2.16

### Product drawing



### Installation instructions



### Lighting calculator

