

BO 45 base surface 2 lamps

049-6430738M



Project / Type

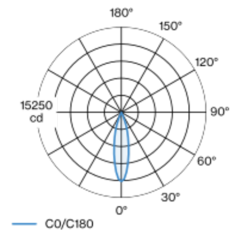
Notes

Count / Date



Surface mounted spotlight made of aluminium; 2 lamps; cylindrical spotlight heads; surface jet black powder coated; 330° 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. DALI-2 converter; flicker-free visual comfort through analogue current control (minimum value 1%); luminaire for through wiring; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

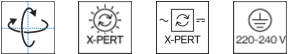
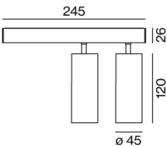
Light distribution



medium 24°

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

Product drawing



General

Ceiling | Surface

tilt max 90°

rotation 330°

jet black | RAL 9005

IP20

2560 lm

LED

3500 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 99 | R_f: 90 | R_{t(1-15)}: 89

MR 0.7 | MDER 0.64

Optical

medium | beam angle 24°

PstLM ≤ 1.0^{1 2 3 4} | SVM ≤ 0.4^{1 2 3 4}

Electrical

DALI-2 | 1 DALI Addr.

PC1 | 220-240 V

system 27.4 W

system 93 lm/W⁵

Physical

length 245 mm | width 55 mm | height 164 mm

0.7 kg

¹ oval lens BO 45 007-1965880
² wallwasher lens BO 45 007-1965780
³ soft lens BO 45 007-1965980
⁴ Value of containing product at full load (undimmed)
⁵ incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions



Lighting calculator

