

BO 45 base surface 2 lamps

049-643051XF



Project / Type

Notes

Count / Date



Surface mounted spotlight made of aluminium; 2 lamps; cylindrical spotlight heads; surface special colours 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 3000 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 36° beam; good glare control through recessed light point level; optical attachment available as accessory; accessories are listed separately; degree of protection IP20; PC1 220-240V; incl. converter, non dimmable; luminaire for through wiring; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

220-240V

General

Ceiling , Surface

tilt max 90°

rotation 330°

special colours

IP20

2340 lm

LED

3000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 100 , R_f: 91 , R_{f(1-5)}: 88

MR 0.59

MDER 0.53

Optical

flood

beam angle 36°

Electrical

non DIM

27.6 W

PC1 220-240V

85 lm/W

Physical

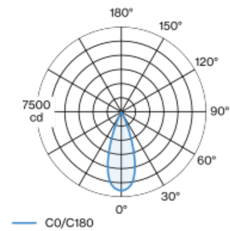
length 245 mm

width 55 mm

height 164 mm

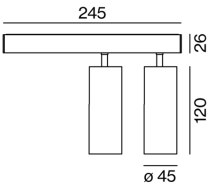
0.7 kg

Light distribution



flood 36°			
h (m)	E0° (lx)	ø (m)	
1	3480	0.65	
2	870	1.29	
3	390	1.94	
4	220	2.59	
5	140	3.23	

Product drawing



Installation instructions



Lighting calculator

