

# BO 45 base surface 2 lamps

049-643041XM



Project / Type

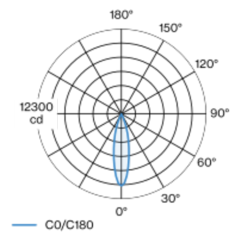
Notes

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 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 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;

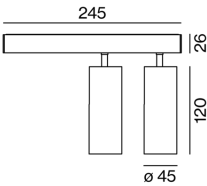
## Light distribution



medium 24°

h (m)	E0° (lx)	ø (m)
1	5200	0.43
2	1300	0.86
3	580	1.30
4	330	1.73
5	210	2.16

## Product drawing



## General

Ceiling , Surface

tilt max 90°

rotation 330°

special colours

IP20

2160 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

medium

beam angle 24°

## Electrical

non DIM

220-240 V

system 27.6 W

system 78 lm/W<sup>1</sup>

PC1

## Physical

length 245 mm

width 55 mm

height 164 mm

0.7 kg

<sup>1</sup> FIXTURE: incl. consideration of optical losses & internal control unit losses  
SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

## Installation instructions



## Lighting calculator

