

# BO 45 base surface 2 lamps

049-643053XV



Project / Type

Notes

Count / Date



General

Ceiling , Track

tilt max 90°

rotation 330°

special colours

IP20

624 lm

LED

3000 K

CRI ≥ 90

L85 / 50000 h

initial MacAdam ≤ 3 SDCM

R<sub>g</sub>: 98 , R<sub>f</sub>: 91 , R<sub>(1-15)</sub>: 89

MR 0.6

MDER 0.55

Optical

super spot

beam angle 8°

PstLM ≤ 1.0 <sup>1</sup>

SVM ≤ 0.4 <sup>1</sup>

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 high power LED for maximum efficiency; no appearance of multiple shadows; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 8° 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;

Electrical

DALI-2

220-240 V

system 14.2 W

system 44 lm/W<sup>2</sup>

PC1

1 DALI Addr.

Physical

length 245 mm

width 55 mm

height 164 mm

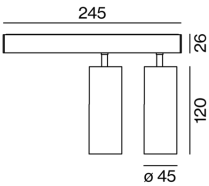
0.7 kg

## Light distribution



super spot 8°			
h (m)	EO° (lx)	ø (m)	
1	10900	0.14	
2	2700	0.28	
3	1200	0.41	
4	700	0.55	
5	400	0.69	

## Product drawing



<sup>1</sup> Value of containing product at full load (undimmed)  
<sup>2</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions

Lighting calculator

