

BO 45 base surface 1 lamp

049-633073XM



Project / Type

Notes

Count / Date



General

Ceiling , Surface

tilt max 90°

rotation 350°

special colours

IP20

1280 lm

LED

3500 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 97 , R_f: 90 , R₍₁₋₁₅₎: 89

MR 0.7

MDER 0.63

Optical

medium

beam angle 24°

PstLM ≤ 1.0 ¹

SVM ≤ 0.4 ¹

Surface mounted spotlight made of aluminium; 1 lamp; cylindrical spotlight head; surface special colours 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. 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 15.9 W

system 81 lm/W²

PC1

1 DALI Addr.

Physical

length 180 mm

width 55 mm

height 163 mm

0.5 kg

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



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

Installation instructions



Lighting calculator

