

BO 45 intrack 1 lamp

180-723073XM



Project / Type

Notes

Count / Date



Tracked spotlight in die-cast aluminium with 3-phase adapter; classic style in elegant design for discerning requirements; 1 lamp; cylindrical spotlight head; surface special colours powder coated; spotlight head 360° rotatable and 90° tiltable; converter integrated in the power track adapter; 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; PC2; 220-240 V; adapter for toolless insertion or movement on a variety of 3-phase power tracks; adapter flush with the power track; incl. DALI-2 converter; flicker-free visual comfort through analogue current control (minimum value 1%); light source replaceable by an authorized professional; control gear replaceable by an authorized professional;



General

Ceiling | Track

tilt max 90°

rotation 360°

special colours

IP20

1440 lm

LED

3500 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

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

MR 0.7 | MDER 0.64

Optical

medium | beam angle 24°

Electrical

DALI-2 | 1 DALI Addr.

PC2 | 220-240 V

system 15.8 W

system 91 lm/W ¹

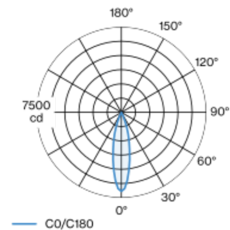
Physical

diameter 45 mm | height 120 mm

0.34 kg

¹ incl. consideration of optical losses, internal control unit losses & operating device efficiency

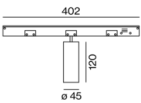
Light distribution



medium 24°

h (m)	E0° (lx)	ø (m)
1	6930	0.43
2	1730	0.86
3	770	1.30
4	430	1.73
5	280	2.16

Product drawing



Installation instructions



Lighting calculator



[180-723073XM] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.
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