

BO 45

intrack 2 lamps

180-7240638M



Project / Type

Notes

Count / Date



General

Ceiling , Track

tilt max 90°

rotation 360°

black , RAL9005 ¹

IP20

2720 lm

LED

4000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 97 , R_f: 90 , R₍₁₋₁₅₎: 89

MR 0.81

MDER 0.74

Optical

medium

beam angle 24°

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Tracked spotlight in die-cast aluminium with 3-phase adapter; classic style in elegant design for discerning requirements; 2 lamps; cylindrical spotlight heads; surface black 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 4000 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 220-240V; 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;

Electrical

DALI-2

system 32 W

PC2 220-240V

system 85 lm/W³

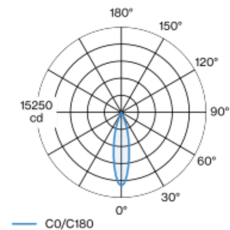
1 DALI Addr.

Physical

diameter 45 mm

height 120 mm

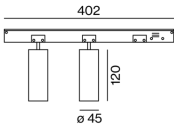
Light distribution



medium 24°

h (m)	EO° (lx)	ø (m)
1	6550	0.43
2	1640	0.86
3	730	1.30
4	410	1.73
5	260	2.16

Product drawing



¹ RAL code ² Value of containing product at full load (undimmed)
³ incl. optical losses and the efficiency of the operating device (converter)

Installation instructions



Lighting calculator

