

# BO 55 intrack 1 lamp

180-733053XM



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 3000 K; binning initial MacAdam  $\leq 2$  SDCM; CRI  $\geq 90$ ; 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 31° 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

1900 lm

LED

3000 K

CRI  $\geq 90$

L80 / 50000 h

initial MacAdam  $\leq 2$  SDCM

R<sub>g</sub>: 100 | R<sub>f</sub>: 91 | R<sub>t(1-15)</sub>: 89

MR 0.59 | MDER 0.53

Optical

medium | beam angle 31°

PstLM  $\leq 1.0$ <sup>1</sup> | SVM  $\leq 0.4$ <sup>1</sup>

Electrical

DALI-2 | 1 DALI Addr.

PC2 | 220-240 V

system 24.7 W

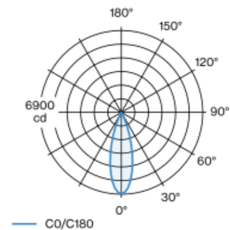
system 77 lm/W<sup>2</sup>

Physical

diameter 55 mm | height 140 mm

<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

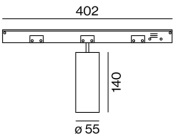
## Light distribution



medium 31°

h (m)	E0° (lx)	ø (m)
1	6860	0.55
2	1710	1.10
3	760	1.65
4	430	2.20
5	270	2.75

## Product drawing



## Installation instructions



## Lighting calculator

