

BO 55

track
180-7312537M



Project / Type _____

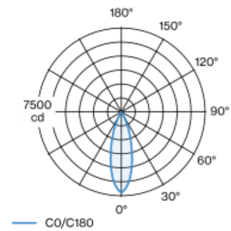
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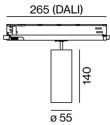
Cylindrical tracked spotlight in die-cast aluminium with 3PH universal adapter; classic style in elegant design for discerning requirements; surface white powder coated; 355° rotatable and 90° tiltable; converter integrated in the power track adapter; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 3000 K; binning initial MacAdam ≤ 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 30° 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; 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;

Light distribution



medium 30°		
h (m)	EO° (lx)	ø (m)
1	7240	0.54
2	1810	1.08
3	800	1.62
4	450	2.16
5	290	2.70

Product drawing



General

Ceiling | Track _____

tilt max 90° _____

rotation 355° _____

white | RAL 9016 ¹ _____

IP20 _____

2180 lm _____

LED

3000 K _____

CRI ≥ 90 _____

L80 / 50000 h _____

initial MacAdam ≤ 2 SDCM _____

R_g: 99 | R_f: 90 | R_{t(1-15)}: 87 _____

MR 0.6 | MDER 0.54 _____

Optical

medium | beam angle 30° _____

PstLM ≤ 1.0 ^{2 3 4 5} | SVM ≤ 0.4 ^{2 3 4 5} _____

Electrical

DALI-2 | 1 DALI Addr. _____

PC2 | 220-240 V _____

system 22.3 W _____

system 98 lm/W ⁶ _____

Physical

diameter 55 mm | height 140 mm _____

0.5 kg _____

¹ RAL code ² soft lens BO 55 007-1965990
³ wallwasher lens BO 55 007-1965790
⁴ oval lens BO 55 007-1965890
⁵ Value of containing product at full load (undimmed)
⁶ incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions



Lighting calculator

