

BO 55

track
180-7312537M



Project / Type _____

Notes _____

Count / Date _____



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₍₁₋₁₅₎: 87

MR 0.6

MDER 0.54

Optical

medium

beam angle 30°

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

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;

Electrical

DALI-2

220-240 V

system 22.3 W

system 98 lm/W³

PC2

1 DALI Addr.

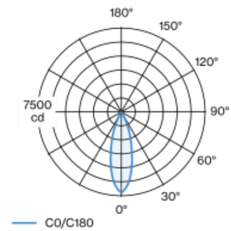
Physical

diameter 55 mm

height 140 mm

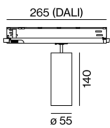
0.5 kg

Light distribution



| medium 30° | | |
|------------|----------|-------|
| h (m) | E0° (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



¹ RAL code ² Value of containing product at full load (undimmed)
³ incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions



Lighting calculator

