

BO 55

track

180-7312538F



Project / Type

Notes

Count / Date



General

Ceiling , Track

tilt max 90°

rotation 355°

black , RAL9005 ¹

IP20

2080 lm

LED

3000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 100 , R_f: 91 , R_{f(1-5)}: 88

MR 0.59

MDER 0.53

Optical

flood

beam angle 38°

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

DALI-2

24.7 W

PC2 220-240V

84 lm/W

1 DALI Addr.

Physical

diameter 55 mm

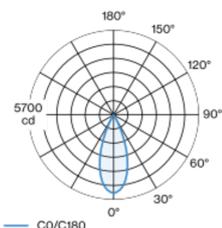
height 140 mm

0.5 kg

¹ RAL code ² Value of containing product at full load (undimmed)

Cylindrical tracked spotlight in die-cast aluminium with 3PH universal adapter; classic style in elegant design for discerning requirements; surface black 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 38° 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; 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;

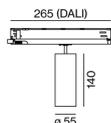
Light distribution



flood 38°

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1 | 5270 | 0.70 |
| 2 | 1320 | 1.40 |
| 3 | 590 | 2.09 |
| 4 | 330 | 2.79 |
| 5 | 210 | 3.49 |

Product drawing



Installation instructions



Lighting calculator

