

BO 55

track
180-7312618S



Project / Type

Notes

Count / Date



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 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 17° 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. converter, non dimmable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;



General

Ceiling | Track

tilt max 90°

rotation 355°

black | RAL 9005 ¹

IP20

2320 lm

LED

4000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 98 | R_f: 90 | R_{t(1-15)}: 88

MR 0.8 | MDER 0.72

Optical

spot | beam angle 17°

Electrical

non DIM

PC2 | 220-240 V

system 22.3 W

system 104 lm/W ²

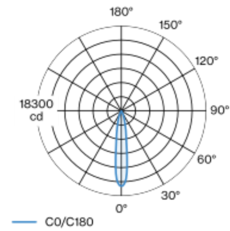
Physical

diameter 55 mm | height 140 mm

0.5 kg

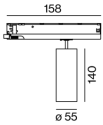
¹ RAL code
² incl. consideration of optical losses, internal control unit losses & operating device efficiency

Light distribution



| spot 17° | | |
|----------|----------|-------|
| h (m) | EO° (lx) | ø (m) |
| 1 | 16200 | 0.29 |
| 2 | 4000 | 0.58 |
| 3 | 1800 | 0.87 |
| 4 | 1000 | 1.16 |
| 5 | 600 | 1.45 |

Product drawing



Installation instructions



Lighting calculator

