

BO 70

track
180-7411638W



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 jet 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 57° 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;



General

Ceiling | Track

tilt max 90°

rotation 355°

jet black | RAL 9005

IP20

3070 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

wide flood | beam angle 57°

PstLM ≤ 1.0 ¹ | SVM ≤ 0.4 ¹

Electrical

DALI-2 | 1 DALI Addr.

PC2 | 220-240 V

system 34 W

system 90 lm/W²

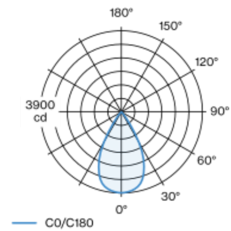
Physical

diameter 70 mm | height 160 mm

0.7 kg

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

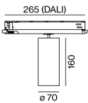
Light distribution



wide flood 57°

h (m)	E0° (lx)	ø (m)
1	3890	1.09
2	970	2.18
3	430	3.27
4	240	4.36
5	160	5.45

Product drawing



Installation instructions



Lighting calculator

