

# BO 55

track  
180-7312618M



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  $\leq 2$  SDCM; CRI  $\geq 90$ ; 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. 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°

jet black | RAL 9005

IP20

2240 lm

LED

4000 K

CRI  $\geq 90$

L80 / 50000 h

initial MacAdam  $\leq 2$  SDCM

R<sub>g</sub>: 98 | R<sub>f</sub>: 90 | R<sub>t(1-15)</sub>: 88

MR 0.8 | MDER 0.72

Optical

medium | beam angle 30°

Electrical

non DIM

PC2 | 220-240 V

system 22.3 W

system 100 lm/W <sup>1</sup>

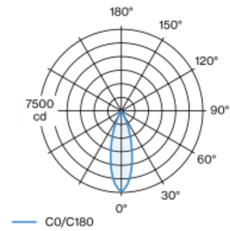
Physical

diameter 55 mm | height 140 mm

0.5 kg

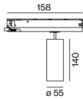
<sup>1</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

## Light distribution



medium 30°		
h (m)	EO° (lx)	ø (m)
1	7440	0.54
2	1860	1.08
3	830	1.62
4	470	2.16
5	300	2.70

## Product drawing



Installation instructions

Lighting calculator

