

VARO 110 S

track
180-6531217S



Project / Type

Notes

Count / Date



Track light made of die-cast aluminium; surface traffic white powder coated; 355° rotatable and 90° tiltable; integrated converter in the plastic 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 3500 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; including high quality aluminium reflector with spherical reflector; high gloss anodised; neutral colour reflection through absolute freedom from interference colour; for brilliant object staging; precise radiation characteristic with 14° beam; installed and exchanged without tools; optical attachments available as accessories; optical attachments can be combined; accessories are listed separately; degree of protection IP20; PC2; 220-240 V; incl. converter, non dimmable; adapter for toolless insertion or movement on a variety of 3-phase power tracks; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;



General

Ceiling | Track

tilt max 90°

rotation 355°

traffic white | RAL 9016

IP20

4500 lm

LED

3500 K

CRI ≥ 90

L85 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 97 | R_f: 90 | R_{t(1-15)}: 93

MR 0.73 | MDER 0.66

Optical

spot | beam angle 14°

PstLM ≤ 1.0 ¹ | SVM ≤ 0.4 ¹

Electrical

non DIM

PC2 | 220-240 V

system 36 W

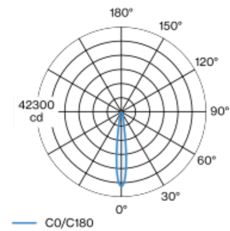
system 125 lm/W ²

Physical

diameter 110 mm | height 110 mm

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

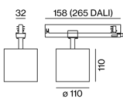
Light distribution



spot 14°

| h (m) | EO° (lx) | ø (m) |
|-------|----------|-------|
| 1 | 37100 | 0.25 |
| 2 | 9300 | 0.50 |
| 3 | 4100 | 0.75 |
| 4 | 2300 | 1.00 |
| 5 | 1500 | 1.25 |

Product drawing



Installation instructions



Lighting calculator

