

VARO 110 S

track
180-6531117W



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling | Track _____

tilt max 90° _____

rotation 355° _____

traffic white | RAL 9016 _____

IP20 _____

4460 lm _____

LED

4000 K _____

CRI ≥ 90 _____

L85 / 50000 h _____

initial MacAdam ≤ 3 SDCM _____

R_g: 100 | R_f: 92 | R_(f-15): 92 _____

MR 0.78 | MDER 0.71 _____

Optical

wide flood | beam angle 66° _____

PstLM ≤ 1.0 ¹ | SVM ≤ 0.4 ¹ _____

Electrical

non DIM _____

PC2 | 220-240 V _____

system 36 W _____

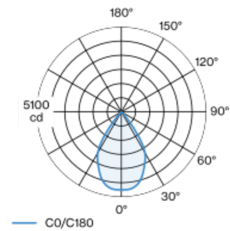
system 124 lm/W ² _____

Physical

diameter 110 mm | height 110 mm _____

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 4000 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 66° 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;

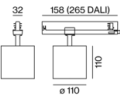
Light distribution



wide flood 66°

h (m)	EO° (lx)	ø (m)
1	4670	1.30
2	1170	2.60
3	520	3.89
4	290	5.19
5	190	6.49

Product drawing



Installation instructions



Lighting calculator



[180-6531117W] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.
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