VARO 110

track

080-6120517S

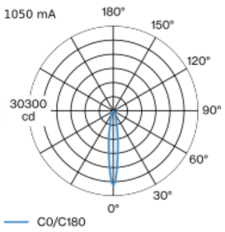
Project / Type

Notes

Count / Date

Track light made of die-cast aluminium; surface white powder coated; 355° rotatable and 90° tiltable; converter integrated into spotlight head; 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 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 80% 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 attachment available as accessory; accessories are listed separately; degree of protection IP20; PC1; 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;

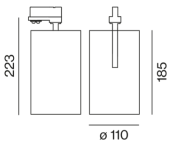
Light distribution



spot 14° 1050 mA

h (m)	E0° (lx)	ø (m)
1	26400	0.25
2	6600	0.50
3	2900	0.75
4	1700	1.00
5	1100	1.25

Product drawing



General

Ceiling , Track
tilt max 90°
rotation 355°
white , RAL 9016 [1]
IP20
3740 lm

LED

3000 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 3 SDCM
R_g: 100 , R_f: 91 , R_{f1-15}: 88
MR 0.59
MDER 0.53

Optical

spot
beam angle 14°
PstLM ≤ 1.0[2] [3]
SVM ≤ 0.4[2] [3]

Electrical

non DIM
220-240 V
system 42 W
system 89 lm/W[4]
PC1

Physical

diameter 110 mm
height 185 mm
1 kg

[1] RAL code [2] 1050 mA
[3] Value of containing product at full load (undimmed)
[4] FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

Installation instructions

Lighting calculator

['080-6120517S'] 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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