

VARO 110 S

track
180-6531218F



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling , Track _____

tilt max 90° _____

rotation 355° _____

black , RAL 9005 ¹ _____

IP20 _____

4540 lm _____

LED

3500 K _____

CRI ≥ 90 _____

L85 / 50000 h _____

initial MacAdam ≤ 3 SDCM _____

R_g: 97 , R_f: 90 , R₍₁₋₁₅₎: 93 _____

MR 0.73 _____

MDER 0.66 _____

Optical

flood _____

beam angle 40° _____

Electrical

non DIM _____

220-240 V _____

system 36 W _____

system 126 lm/W² _____

PC2 _____

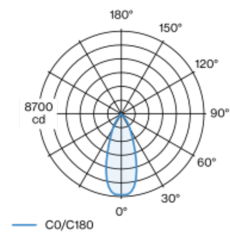
Physical

diameter 110 mm _____

height 110 mm _____

Track light made of die-cast aluminium; surface black 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 40° 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;

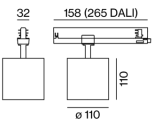
Light distribution



flood 40°

h (m)	E0° (lx)	ø (m)
1	8520	0.73
2	2130	1.46
3	950	2.18
4	530	2.91
5	340	3.64

Product drawing



¹ RAL code
² 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

