

VARO 110 S

track
180-6530137S



Project / Type
Notes
Count / Date



General

Ceiling , Track
tilt max 90°
rotation 355°
white , RAL 9016 ¹
IP20
3220 lm

LED

4000 K
CRI ≥ 90
L85 / 50000 h
initial MacAdam ≤ 3 SDCM
R _g : 100 , R _f : 92 , R _{f(1-5)} : 91
MR 0.78
MDER 0.71

Optical

spot
beam angle 14°

Electrical

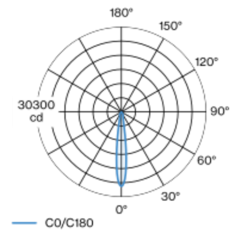
DALI-2
220-240 V
system 23.4 W
system 138 lm/W ²
PC2

Physical

diameter 110 mm
height 110 mm

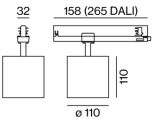
Track light made of die-cast aluminium; surface white powder coated; 355° rotatable and 90° tiltable; integrated converter in the plastic adapter; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; 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 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. DALI-2 converter; 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°			
h (m)	EO° (lx)	ø (m)	
1	26500	0.25	
2	6600	0.50	
3	2900	0.75	
4	1700	1.00	
5	1100	1.25	

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

