

# VARO 110 S

track

180-6530037M



Project / Type
Notes
Count / Date



## General

Ceiling , Track
tilt max 90°
rotation 355°
white , RAL 9016 <sup>1</sup>
IP20
3150 lm

## LED

3000 K
CRI ≥ 90
L85 / 50000 h
initial MacAdam ≤ 3 SDCM
R <sub>g</sub> : 99 , R <sub>f</sub> : 92 , R <sub>(1-15)</sub> : 93
MR 0.61
MDER 0.55

## Optical

medium
beam angle 25°

## Electrical

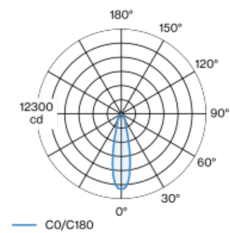
DALI-2
220-240 V
system 23.4 W
system 135 lm/W <sup>2</sup>
PC2

## 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 3000 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 25° 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;

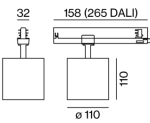
## Light distribution



medium 25°

h (m)	E0° (lx)	ø (m)
1	10900	0.45
2	2700	0.90
3	1200	1.35
4	700	1.81
5	400	2.26

## Product drawing



<sup>1</sup> RAL code  
<sup>2</sup> 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

