

# VARO 110 S

track

180-6531018S



Project / Type	
Notes	
Count / Date	



## General

Ceiling , Track
tilt max 90°
rotation 355°
black , RAL 9005 <sup>1</sup>
IP20
4440 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

spot
beam angle 14°

## Electrical

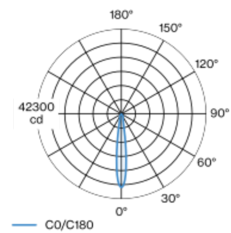
non DIM
220-240 V
system 36 W
system 123 lm/W <sup>2</sup>
PC2

## Physical

diameter 110 mm
height 110 mm
0.81 kg

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 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 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. 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;

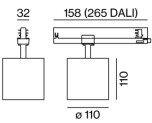
## Light distribution



spot 14°

h (m)	E0° (lx)	ø (m)
1	36600	0.25
2	9100	0.50
3	4100	0.75
4	2300	1.00
5	1500	1.25

## Product drawing



<sup>1</sup> RAL code  
<sup>2</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

## Installation instructions



## Lighting calculator

