

# VARO 110 S

track  
180-6530118F



Project / Type

Notes

Count / Date



## General

Ceiling , Track

tilt max 90°

rotation 355°

black , RAL 9005 <sup>1</sup>

IP20

3250 lm

## LED

4000 K

CRI ≥ 90

L85 / 50000 h

initial MacAdam ≤ 3 SDCM

R<sub>g</sub>: 100 , R<sub>f</sub>: 92 , R<sub>f(1-5)</sub>: 91

MR 0.78

MDER 0.71

## Optical

flood

beam angle 40°

## Electrical

non DIM

220-240 V

system 23.4 W

system 139 lm/W<sup>2</sup>

PC2

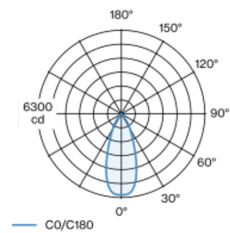
## Physical

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 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 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;

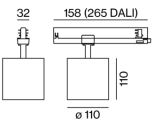
## Light distribution



flood 40°

h (m)	E0° (lx)	ø (m)
1	6100	0.73
2	1520	1.46
3	680	2.18
4	380	2.91
5	240	3.64

## 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

