

# VARO 110 S

180-6531237W



Project / Type \_\_\_\_\_

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



## General

Ceiling , Track  
 tilt max 90°  
 rotation 355°  
 white , RAL9016 <sup>1</sup>  
 IP20  
 4460 lm

## LED

3500 K  
 CRI ≥ 90  
 initial MacAdam ≤ 3 SDCM  
 R<sub>g</sub>: 97 , R<sub>r</sub>: 90 , R<sub>(1-15)</sub>: 93  
 MR 0.73  
 MDER 0.66

## Optical

wide flood  
 beam angle 66°  
 P<sub>stLM</sub> ≤ 1.0 <sup>2</sup>  
 SVM ≤ 0.4 <sup>2</sup>

## Electrical

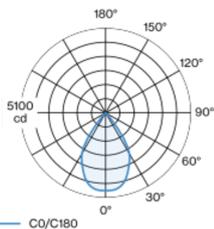
DALI-2  
 36 W  
 PC2 220-240V  
 124 lm/W  
 1 DALI Addr.

## 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 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 66° 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 220-240V; 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;

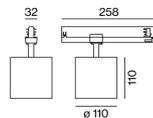
## Light distribution



wide flood 66°

h (m)	E0° (lx)	ø (m)
1	4670	1.30
2	1170	2.60
3	520	3.89
4	290	5.19
5	190	6.49

## Product drawing



<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)

## Installation instructions



## Lighting calculator

