

# VARO 110 S

track  
180-6531037S



Project / Type

Notes

Count / Date



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  $\leq 3$  SDCM; CRI  $\geq 90$ ; 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;



**General**

Ceiling | Track

tilt max 90°

rotation 355°

white | RAL 9016 <sup>1</sup>

IP20

4440 lm

**LED**

3000 K

CRI  $\geq 90$

L85 / 50000 h

initial MacAdam  $\leq 3$  SDCM

R<sub>g</sub>: 99 | R<sub>f</sub>: 92 | R<sub>t(1-15)</sub>: 93

MR 0.61 | MDER 0.55

**Optical**

spot | beam angle 14°

**Electrical**

DALI-2

PC2 | 220-240 V

system 36 W

system 123 lm/W <sup>2</sup>

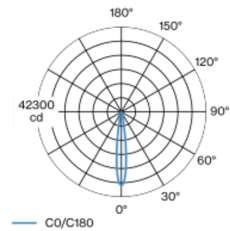
**Physical**

diameter 110 mm | height 110 mm

0.87 kg

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

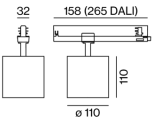
## Light distribution



spot 14°

| h (m) | EO° (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



## Installation instructions



## Lighting calculator

