

# VARO 110 S

180-6531218M



Project / Type

Notes

Count / Date



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 3500 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 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 220-240V; 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;



### General

Ceiling , Track

tilt max 90°

rotation 355°

black , RAL9005 <sup>1</sup>

IP20

4470 lm

### LED

3500 K

CRI  $\geq 90$

initial MacAdam  $\leq 3$  SDCM

R<sub>g</sub>: 97 , R<sub>r</sub>: 90 , R<sub>(1-15)</sub>: 93

MR 0.73

MDER 0.66

### Optical

medium

beam angle 25°

### Electrical

non DIM

36 W

PC2 220-240V

124 lm/W

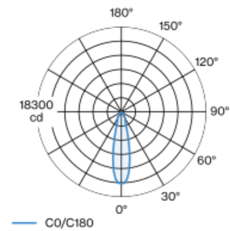
### Physical

diameter 110 mm

height 110 mm

<sup>1</sup> RAL code

### Light distribution



medium 25°

| h (m) | EO° (lx) | ø (m) |
|-------|----------|-------|
| 1     | 15500    | 0.45  |
| 2     | 3900     | 0.90  |
| 3     | 1700     | 1.35  |
| 4     | 1000     | 1.81  |
| 5     | 600      | 2.26  |

### Product drawing



### Installation instructions



### Lighting calculator



[‘180-6531218M’] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.  
© XAL GmbH · Auer-Welsbach-Gasse 36 · 8055 Graz · Austria · www.xal.com