

# VARO 110

track  
080-6120518F



Project / Type

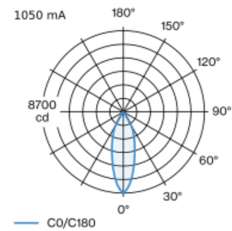
Notes

Count / Date



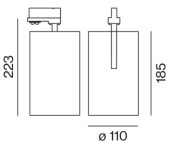
Track light made of die-cast aluminium; surface black powder coated; 355° rotatable and 90° tiltable; converter integrated into spotlight head; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 80% 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 33° beam; installed and exchanged without tools; optical attachment available as accessory; accessories are listed separately; degree of protection IP20; PC1; 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 33° 1050 mA		
h (m)	EO° (lx)	ø (m)
1	8680	0.59
2	2170	1.18
3	960	1.77
4	540	2.37
5	350	2.96

## Product drawing



### General

Ceiling | Track

tilt max 90°

rotation 355°

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

IP20

3830 lm

### LED

3000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 3 SDCM

R<sub>g</sub>: 100 | R<sub>f</sub>: 91 | R<sub>t(1-15)</sub>: 89

MR 0.59 | MDER 0.53

### Optical

flood | beam angle 33°

PstLM ≤ 1.0<sup>2 3</sup> | SVM ≤ 0.4<sup>2 3</sup>

### Electrical

non DIM

PC1 | 220-240 V

system 42 W

system 91 lm/W <sup>4</sup>

### Physical

diameter 110 mm | height 185 mm

1.19 kg

<sup>1</sup> RAL code <sup>2</sup> 1050 mA  
<sup>3</sup> Value of containing product at full load (undimmed)  
<sup>4</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

## Installation instructions



## Lighting calculator

