

# VARO 110

track  
080-6120617F



Project / Type

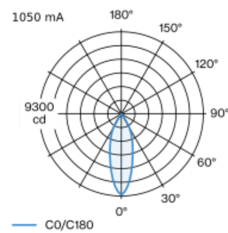
Notes

Count / Date



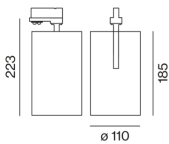
Track light made of die-cast aluminium; surface traffic white powder coated; 355° rotatable and 90° tiltable; converter integrated into spotlight head; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 4000 K; binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 90$ ; 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	9170	0.59	
2	2290	1.18	
3	1020	1.77	
4	570	2.37	
5	370	2.96	

## Product drawing



### General

Ceiling | Track

tilt max 90°

rotation 355°

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

IP20

4050 lm

### LED

4000 K

CRI  $\geq 90$

L80 / 50000 h

initial MacAdam  $\leq 3$  SDCM

R<sub>g</sub>: 97 | R<sub>f</sub>: 90 | R<sub>t(1-15)</sub>: 89

MR 0.81 | MDER 0.74

### Optical

flood | beam angle 33°

PstLM  $\leq 1.0$ <sup>2 3</sup> | SVM  $\leq 0.4$ <sup>2 3</sup>

### Electrical

non DIM

PC1 | 220-240 V

system 42 W

system 96 lm/W <sup>4</sup>

### Physical

diameter 110 mm | height 185 mm

1 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

