

# VARO 110

track

080-6120517F



Project / Type	
Notes	
Count / Date	



## General

Ceiling , Track
tilt max 90°
rotation 355°
white , RAL 9016 <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>f(1-5)</sub> : 88
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>

Track light made of die-cast aluminium; surface 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 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;

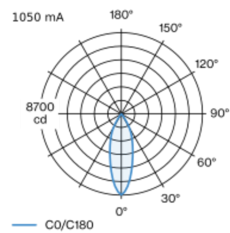
## Electrical

non DIM
220-240 V
system 42 W
system 91 lm/W <sup>4</sup>
PC1

## Physical

diameter 110 mm
height 185 mm
1 kg

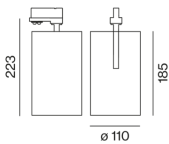
## Light distribution



flood 33° 1050 mA

h (m)	E0° (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



<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

