

# VARO 110

track

080-6120618M



Project / Type
Notes
Count / Date



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## General

Ceiling , Track
tilt max 90°
rotation 355°
black , RAL9005 <sup>1</sup>
IP20
4010 lm

## LED

4000 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 3 SDCM
R <sub>g</sub> : 97 , R <sub>f</sub> : 90 , R <sub>(1-15)</sub> : 89
MR 0.81
MDER 0.74

## Optical

medium
beam angle 24°
PstLM ≤ 1.0 <sup>2</sup>
SVM ≤ 0.4 <sup>2</sup>

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 4000 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 24° beam; installed and exchanged without tools; optical attachment available as accessory; accessories are listed separately; degree of protection IP20; PC1 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;

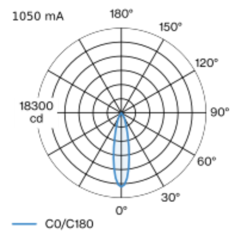
## Electrical

non DIM
42 W
PC1 220-240V
95 lm/W

## Physical

diameter 110 mm
height 185 mm
1 kg

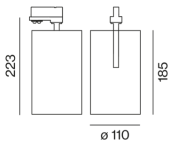
## Light distribution



medium 24° 1050 mA

h (m)	EO° (lx)	ø (m)
1	15900	0.42
2	4000	0.84
3	1800	1.27
4	1000	1.69
5	600	2.11

## Product drawing



<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)

## Installation instructions



## Lighting calculator

