

# VARO 80

track

080-6210517F



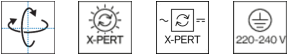
Project / Type

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 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 38° 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;



### General

Ceiling | Track

tilt max 90°

rotation 355°

traffic white | RAL 9016

IP20

2520 lm

### LED

3000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 3 SDCM

R<sub>g</sub>: 98 | R<sub>f</sub>: 91 | R<sub>(1-15)</sub>: 89

MR 0.62 | MDER 0.56

### Optical

flood | beam angle 38°

### Electrical

non DIM

PC1 | 220-240 V

system 28.8 W

system 88 lm/W <sup>1</sup>

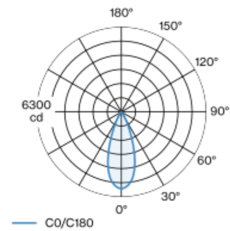
### Physical

diameter 87 mm | height 145 mm

1 kg

<sup>1</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

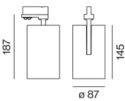
### Light distribution



flood 38°

h (m)	E0° (lx)	ø (m)
1	5710	0.68
2	1430	1.37
3	630	2.05
4	360	2.73
5	230	3.42

### Product drawing



### Installation instructions



### Lighting calculator



[“080-6210517F”] 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

VARO 80

track  
080-6210517F



Project / Type

Notes

Count / Date

Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	16
B16	25
B20	32
C10	16
C16	25
C20	32

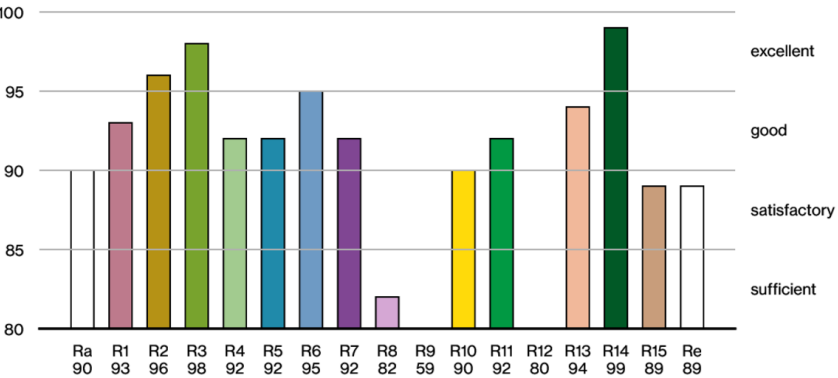
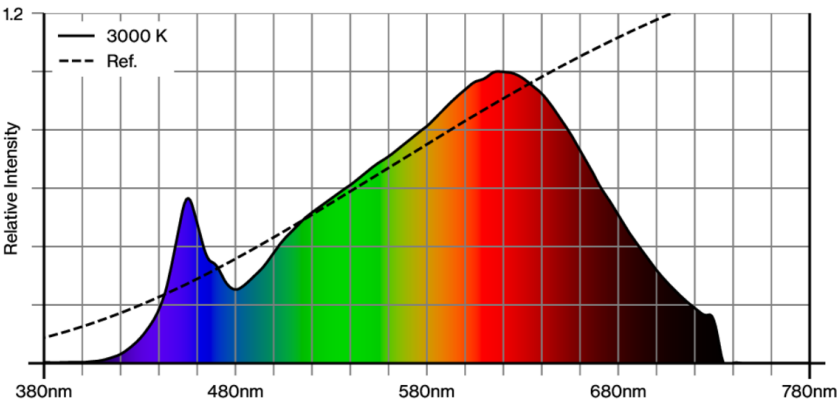
Optical accessories

SNOOT WITH HONEYCOMB LOUVER

TYPE for VARO 80	Ø (MM) 83	ARTICLE NUMBER(S) 006-93120
---------------------	--------------	--------------------------------



Colour rendering



# VARO 80

track

080-6210517F

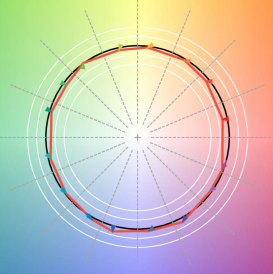


Project / Type

Notes

Count / Date

## TM30 colour vector graphic



The black line represents the black body reference. The red line indicates the results of the test light source. The deviation from the test light source to the reference is shown and is marked by arrows. The shorter the arrows, the higher the color rendering.

