

# VARO 80 S

track  
180-6424037S



Project / Type \_\_\_\_\_

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



Track light made of die-cast aluminium; surface white powder coated; 355° rotatable and 90° tiltable; integrated converter in the plastic adapter; 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  $\leq 2$  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 20° beam; installed and exchanged without tools; optical attachments available as accessories; optical attachments can be combined; accessories are listed separately; degree of protection IP20; PC2; 220-240 V; incl. DALI-2 converter; 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° \_\_\_\_\_

white | RAL 9016 <sup>1</sup> \_\_\_\_\_

IP20 \_\_\_\_\_

1880 lm \_\_\_\_\_

## LED

3000 K \_\_\_\_\_

CRI  $\geq 90$  \_\_\_\_\_

L80 / 50000 h \_\_\_\_\_

initial MacAdam  $\leq 2$  SDCM \_\_\_\_\_

R<sub>g</sub>: 98 | R<sub>f</sub>: 91 | R<sub>(1-15)</sub>: 93 \_\_\_\_\_

MR 0.54 | MDER 0.49 \_\_\_\_\_

## Optical

spot | beam angle 20° \_\_\_\_\_

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

## Electrical

DALI-2 | 1 DALI Addr. \_\_\_\_\_

PC2 | 220-240 V \_\_\_\_\_

system 13.0 W \_\_\_\_\_

system 145 lm/W <sup>3</sup> \_\_\_\_\_

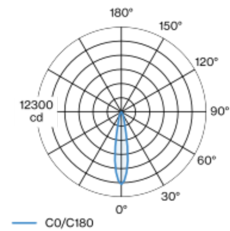
## Physical

diameter 87 mm | height 80 mm \_\_\_\_\_

0.5 kg \_\_\_\_\_

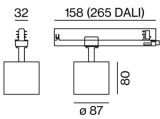
<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

## Light distribution



| spot 20° |          |       |  |
|----------|----------|-------|--|
| h (m)    | E0° (lx) | ø (m) |  |
| 1        | 10500    | 0.34  |  |
| 2        | 2600     | 0.69  |  |
| 3        | 1200     | 1.03  |  |
| 4        | 700      | 1.38  |  |
| 5        | 400      | 1.72  |  |

## Product drawing



## Installation instructions



## Lighting calculator

