

# VARO 80 S

track  
180-6422218M



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

Notes \_\_\_\_\_

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



|                               |
|-------------------------------|
| <b>General</b>                |
| Ceiling , Track               |
| tilt max 90°                  |
| rotation 355°                 |
| black , RAL 9005 <sup>1</sup> |
| IP20                          |
| 2830 lm                       |

|  |
|--|
| <b>LED</b>   |
| 3500 K   |
| CRI ≥ 90   |
| L80 / 50000 h  |
| initial MacAdam ≤ 2 SDCM   |
| R <sub>g</sub> : 99 , R <sub>f</sub> : 92 , R <sub>(1-15)</sub> : 93 |
| MR 0.61  |
| MDER 0.55  |

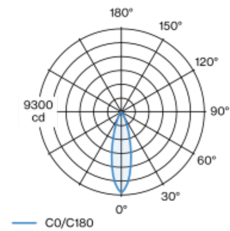
|                          |
|--------------------------|
| <b>Optical</b>           |
| medium                   |
| beam angle 27°           |
| PstLM ≤ 1.0 <sup>2</sup> |
| SVM ≤ 0.4 <sup>2</sup>   |

Track light made of die-cast aluminium; surface black powder coated; 355° rotatable and 90° tiltable; 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 3500 K; binning initial MacAdam ≤ 2 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 27° 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. 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;

|                              |
|------------------------------|
| <b>Electrical</b>            |
| non DIM                      |
| 220-240 V                    |
| system 21.1 W                |
| system 134 lm/W <sup>3</sup> |
| PC2                          |

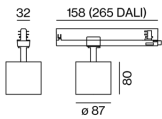
|                 |
|-----------------|
| <b>Physical</b> |
| diameter 87 mm  |
| height 80 mm    |
| 0.68 kg         |

## Light distribution



|            |          |       |  |
|------------|----------|-------|--|
| medium 27° |          |       |  |
| h (m)      | EO° (lx) | ø (m) |  |
| 1          | 9070     | 0.49  |  |
| 2          | 2270     | 0.97  |  |
| 3          | 1010     | 1.46  |  |
| 4          | 570      | 1.95  |  |
| 5          | 360      | 2.43  |  |

## Product drawing



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

## Installation instructions



## Lighting calculator

