

# VARO 80 S

track  
180-6422137M



|                |
|----------------|
| Project / Type |
| Notes          |
| Count / Date   |



|                               |
|-------------------------------|
| <b>General</b>                |
| Ceiling , Track               |
| tilt max 90°                  |
| rotation 355°                 |
| white , RAL 9016 <sup>1</sup> |
| IP20                          |
| 2840 lm                       |

|  |
|--|
| <b>LED</b>   |
| 4000 K   |
| CRI ≥ 90   |
| L80 / 50000 h  |
| initial MacAdam ≤ 2 SDCM   |
| R <sub>g</sub> : 100 , R <sub>f</sub> : 92 , R <sub>f(1-15)</sub> : 91 |
| MR 0.78  |
| MDER 0.71  |

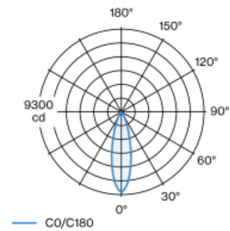
|                          |
|--------------------------|
| <b>Optical</b>           |
| medium                   |
| beam angle 27°           |
| PstLM ≤ 1.0 <sup>2</sup> |
| SVM ≤ 0.4 <sup>2</sup>   |

Track light made of die-cast aluminium; surface 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 4000 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. 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;

|                              |
|------------------------------|
| <b>Electrical</b>            |
| DALI-2                       |
| 220-240 V                    |
| system 21.1 W                |
| system 135 lm/W <sup>3</sup> |
| PC2                          |
| 1 DALI Addr.                 |

|                 |
|-----------------|
| <b>Physical</b> |
| diameter 87 mm  |
| height 80 mm    |
| 0.5 kg          |

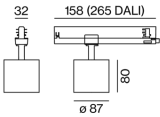
## Light distribution



medium 27°

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1     | 9100     | 0.49  |
| 2     | 2280     | 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

