



Made in Italy



Trevi 1.0, code: TR10005MA

Linear profiles for outdoor and underwater applications



#### **DESCRIPTION**

linear profile for outdoor and underwater applications; surface mounted (ceiling, wall, ground), max depth 10 m; Power consumption: 7W; Power supply: 24Vdc; Lumen output at source: 619 lm (3000K, optics version); Delivered lumen output: 504 lm (3000K, 40°); 6 power LEDs, 1/4 ANSI BIN, 50 000h L90 B10 (Ta 25°C); LED colour: 3000K; Optics: 40°; CRI Colour Rendering Index: 80; Body material: end caps in AISI 316L stainless steel; Screen material: screen in transparent polycarbonate; power supply unit not included; includes 5 m neoprene cable H05RN-F 2x0,75 Ø6,3 mm; Ingress protection: IP68; Impact resistance: IK10; available on request in 313mm-long, 5W (diffuse optics), 4W (with multiple optics) and 5W (RGB) versions; Casambi control using the Casambi app with dedicated electronics; Protection systems: IPS (Intelligent Protection System) protects lighting fixtures from water infiltrations, which can occur if there are faulty junctions between the cables in outdoor or underwater applications. This innovation, patented by L&L, also guarantees electrical protection against polarity reversal, hot plugging, ESD and power surges, which can occur if there are faults in the electrical circuit; Operating temperature: -20°C — +45°C (installation outdoors), 0°C — +45°C (installation underwater); Photobiological safety: photobiological safety: risk group 1 according to EN 62471:2006; Appliance class: class III; Weight: 400 g; Dimensions: Ø25x613 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WM0501 Clips pair, WM0502 Pair of tamperresistant clips, WMA07 Suspension kit; tested and approved via E.O.L. (End Of Line) test with functioning test and check of electrical power consumption

Status: Available

# DATASHEET TECHNICAL DATA



| Power consumption          | 7W  |  |
|----------------------------|---|--|
| Power supply               | 24Vdc   |  |
| Power supply unit          | power supply unit not included  |  |
| IGHTING CHARACTERISTICS    |   |  |
| lumber and type of LED     | 6 power LEDs  |  |
| verage LED life            | 50 000h L90 B10 (Ta 25°C)   |  |
| ED colour                  | 3000K   |  |
| CRI Colour Rendering Index | 80  |  |
| Binning                    | 1/4 ANSI BIN  |  |
| Optics                     | 40°   |  |
| umen output at source      | 619 lm (3000K, optics version)  |  |
| Delivered lumen output     | 504 lm (3000K, 40°)   |  |
| MECHANICAL CHARACTERISTICS |   |  |
| Dimensions                 | Ø25x613 mm  |  |
| Veight                     | 400 g   |  |
| Mounting (                 | with clips, screws and plugs  |  |
| Body material              | end caps in AISI 316L stainless steel   |  |
| Screen material            | screen in transparent polycarbonate   |  |
| GENERAL CHARACTERISTICS    |   |  |
| ngress protection          | IP68  |  |
| Operating temperature      | -20°C $-$ +45°C (installation outdoors), 0°C $-$ +45°C (installation underwater)  |  |
| mpact resistance           | IK10  |  |
| nergy efficiency class     | F (light source) in accordance with EU 2019/2015  |  |
| Appliance class            | class III   |  |
| Valkover                   | no  |  |
| Orive-over                 | no  |  |
| Power cables               | includes 5 m neoprene cable H05RN-F 2x0,75 Ø6,3 mm  |  |
| Protection systems         | IPS (Intelligent Protection System)   |  |
| Photobiological safety     | photobiological safety: risk group 1 according to EN 62471:2006   |  |
| lotes                      | available on request in 313mm-long, 5W (diffuse optics), 4W (with multiple optics) and 5W (RGB) versions; Casambi control using the |  |

## PHOTOMETRIC DATA AND ACCESSORIES



## PHOTOMETRIC DATA

M - 40°

|       |       | Lux max (3000K) | cd/Klm max 1664 | — C0 - C180         |
|-------|-------|-----------------|-----------------|---------------------|
| H (m) | Ø (m) | 7W              | 1               | H                   |
| 1.00  | 0.67  | 839             |                 | XX                  |
| 2.00  | 1.34  | 210             | X               | $\langle X \rangle$ |
| 3.00  | 2.01  | 93              | X 1             |                     |
| 4.00  | 2.68  | 52              | 30°             | 30°                 |
| 5.00  | 3.35  | 34              | 0°              |                     |

## **ACCESSORIES**

## Other



### WM0501

Clips pair

Required installation accessories, not included



## WMA07

Suspension kit

Required installation accessories, not included



### WM0502

Pair of tamper-resistant clips Required installation accessories, not included

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