## DATASHEET

##  kg2,10 IP68 IK10 〔(PPS CASAMBI

Trevi 1.2, code: TR12005WA
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: 21W; Power supply: 24 Vdc ; Lumen output at source: $1856 \mathrm{Im}\left(3000 \mathrm{~K}\right.$, optics version); Delivered lumen output: $1512 \mathrm{Im}\left(3000 \mathrm{~K}, 40^{\circ}\right) ; 18$ power LEDs, $1 / 4 \mathrm{ANSI}$ BIN, 50 000h L90 B10 (Ta $25^{\circ} \mathrm{C}$ ); LED colour: 3000 K ; Optics: $20^{\circ} \times 50^{\circ}$; 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 $2 x 0,75$ $\varnothing 6,3 \mathrm{~mm}$; 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: $-20^{\circ} \mathrm{C}-+45^{\circ} \mathrm{C}$ (installation outdoors), $0^{\circ} \mathrm{C}-+45^{\circ} \mathrm{C}$ (installation underwater); Photobiological safety: photobiological safety: risk group 1 according to EN 62471:2006; Appliance class: class III; Weight: 2100 g; Dimensions: $Ø 25 \times 1803 \mathrm{~mm}$; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WM0501 Clips pair, WM0502 Pair of tamper-resistant clips; tested and approved via E.O.L. (End Of Line) test with functioning test and check of electrical power consumption

[^0]| ELECTRICAL CHARACTERISTICS |  |
| :---: | :---: |
| Power consumption | 21W |
| Power supply | 24Vdc |
| Power supply unit | power supply unit not included |
| LIGHTING CHARACTERISTICS |  |
| Number and type of LED | 18 power LEDs |
| Average LED life | 50 000h L90 B10 (Ta $25^{\circ} \mathrm{C}$ ) |
| LED colour | 3000K |
| CRI Colour Rendering Index | 80 |
| Binning | 1/4 ANSI BIN |
| Optics | $20^{\circ} \times 50^{\circ}$ |
| Lumen output at source | 1856 Im (3000K, optics version) |
| Delivered lumen output | 1512 Im (3000K, 40) |
| MECHANICAL CHARACTERISTICS |  |
| Dimensions | Ø25×1803 mm |
| Weight | 2100 g |
| Mounting | with clips, screws and plugs |
| Body material | end caps in AISI 316L stainless steel |
| Screen material | screen in transparent polycarbonate |
| GENERAL CHARACTERISTICS |  |
| Ingress protection | IP68 |
| Operating temperature | $-20^{\circ} \mathrm{C}-+45^{\circ} \mathrm{C}$ (installation outdoors), $0^{\circ} \mathrm{C}-+45^{\circ} \mathrm{C}$ (installation underwater) |
| Impact resistance | IK10 |
| Energy efficiency class | F (light source) in accordance with EU 2019/2015 |
| Appliance class | class III |
| Walkover | no |
| Drive-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 |
| Notes | available on request in 313 mm -long, 5 W (diffuse optics), 4 W (with multiple optics) and 5W (RGB) versions; Casambi control using the Casambi app with dedicated electronics |

## PHOTOMETRIC DATA

| $W-20^{\circ} \times 50^{\circ}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Lux max (3000K) | cd/Klm max 2148 | - C0-C180 |
| H (m) | $\varnothing(\mathrm{m})$ | $\varnothing(\mathrm{m})$ | 21W | $71$ |  |
| 1.00 | 0.41 | 0.92 | 2706 | , |  |
| 2.00 | 0.81 | 1.84 | 677 | 1 |  |
| 3.00 | 1.22 | 2.77 | 301 | - |  |
| 4.00 | 1.63 | 3.69 | 169 |  |  |
| 5.00 | 2.04 | 4.61 | 108 | - |  |

## ACCESSORIES

Other

WM0501
WM0502
Clips pair
Pair of tamper-resistant clips

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[^0]:    Status: Available

