Made in Italy



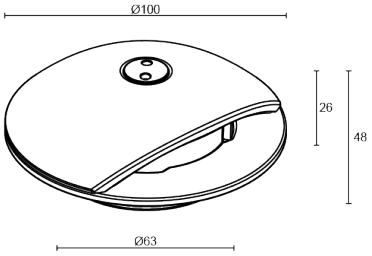
# Rondò 2.1, code: RD21005AT

Step lights for outdoor applications

kg 5000 - kN 50 kg 0,73 IP65 IP67 IK08

T max 45°C





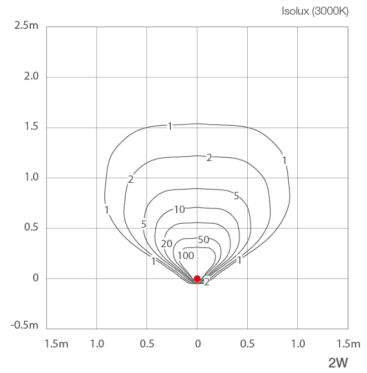

## DESCRIPTION

step light for outdoor applications, single beam; drive-over up to 5000 kg; walkover; recessed (floor); Power consumption: 2W; Power supply: 24Vdc; Lumen output at source: 185 lm (3000K); Delivered lumen output: 85 lm (3000K, radial optics); 1 power LED, 1/4 ANSI BIN, 50 000h L95 B10 (Ta 25°C); LED colour: 3000K; Optics: radial: optical system consisting of a high-efficiency TIR lens; Upward flux fraction: 46,15% (radial optics), 30,61% (10°); CRI Colour Rendering Index: 80; Body material: body made of micro-cast AISI 316L stainless steel, produced entirely on a CNC lathe; Finishes: cor-ten finish obtained through micro-shot peening, an electrolytic passivation treatment and electropolishing; then painted through an initial treatment with a ceramic nanoparticle coating, to prepare for painting, followed by a coat of epoxy paint and one of polyester paint to provide corrosion resistance equal to more than 1000 hours of salt spray testing. Paints compliant with the Qualicoat standard used in the automotive sector; RAL finish on request; Screen material: Rilsan® Clear protective screen in clear PA12 polyamide with high mechanical and optical performance; Seals: O-ring in 4-mm expanded silicone; power supply unit not included; includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm; Ingress protection: IP65, IP67; Impact resistance: IK08; 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; Maximum device temperature: 45°C (Ta 25°C); Photobiological safety: photobiological safety: risk group 1 according to EN 62471:2006; Appliance class: class III; Weight: 730 g; Dimensions: Ø100x48 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WC0100 Outer casing, WC0103 Outer casing, WC0150 Outer casing, WE0100 Tool for tamper-resistant screws; tested and approved via E.O.L. (End Of Line) test with functioning test and check of electrical power consumption

Status: Available

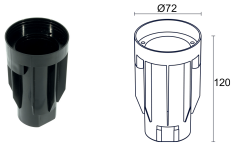
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|---|---|
| **ELECTRICAL CHARACTERISTICS** | |
| Power consumption | 2W |
| Power supply | 24Vdc |
| Power supply unit | power supply unit not included |
| **LIGHTING CHARACTERISTICS** | |
| Number and type of LED | 1 power LED |
| Average LED life | 50 000h L95 B10 (Ta 25°C) |
| LED colour | 3000K |
| CRI Colour Rendering Index | 80 |
| Binning | 1/4 ANSI BIN |
| Optics | radial |
| Lumen output at source | 185 lm (3000K) |
| Delivered lumen output | 85 lm (3000K, radial optics) |
| **MECHANICAL CHARACTERISTICS** | |
| Dimensions | Ø100x48 mm |
| Weight | 730 g |
| Finishes | cor-ten |
| Mounting | with outer casing |
| Body material | body in AISI 316L stainless steel with a special AC19® treatment developed by Luce&Light |
| Screen material | screen in Rilsan® Clear |
| **GENERAL CHARACTERISTICS** | |
| Ingress protection | IP65, IP67 |
| Operating temperature | -20°C — +45°C |
| Impact resistance | IK08 |
| Energy efficiency class | F (light source) in accordance with EU 2019/2015 |
| Maximum device temperature | 45°C (Ta 25°C) |
| Appliance class | class III |
| Walkover | yes |
| Drive-over | up to 5000 kg |
| Power cables | includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm |
| Protection systems | IPS (Intelligent Protection System) |
| Photobiological safety | photobiological safety: risk group 1 according to EN 62471:2006 |

## PHOTOMETRIC DATA

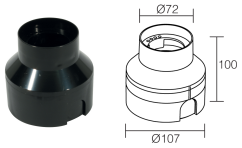



## ACCESSORIES

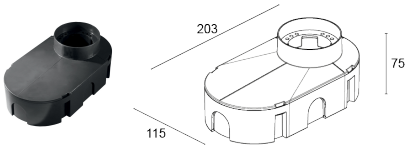
### Installation Accessories




WC0100
Outer casing




WC0103
Outer casing

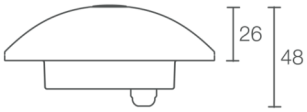



WC0150
Outer casing

### Other



WE0100
Tool for tamper-resistant screws




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