

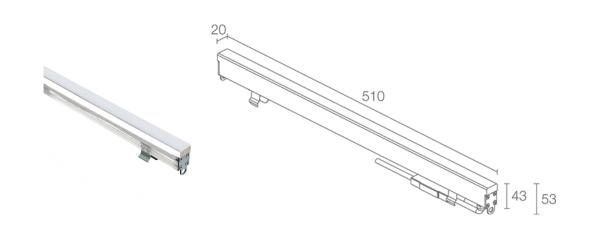
#### Made in Italy



Rio 1.1, code: RE11005DB Linear profiles for outdoor applications







#### DESCRIPTION

linear profile for outdoor applications; drive-over up to 5000 kg; walkover; recessed (ceiling, wall, floor); Power consumption: 6W; Power supply: 24Vdc; Lumen output at source: 672 lm (2800K); Delivered lumen output: 140 lm (2800K); 48 low-power SMD LEDs, 3-step MacAdam, 50 000h L95 B10 (Ta 25°C); LED colour: 2800K; Optics: diffuse: optical system consisting of light sources placed in a line on a rigid electronic circuit; CRI Colour Rendering Index: 80; Body material: body and screen made of co-extruded opal PMMA to provide high strength combined with high aesthetics. Caps in AISI 316L stainless steel and screws in A4 stainless steel; Seals: silicone rubber O-rings with anti-ageing treatment for an excellent mechanical seal; 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: IK10; drive-over up to 5000 kg with aluminium casing, drive-over up to 500 kg with stainless steel casing. Non-standard lengths available on request; 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; Maximum device temperature: 40°C (Ta 25°C); Photobiological safety: photobiological safety: risk group 1 according to EN 62471:2006; Appliance class: class III; Weight: 560 g; Dimensions: 510x20x43 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WC8111 Aluminium outer casing - 514 mm, WC8151 Stainless steel outer casing - 513 mm, WC8311 Aluminium outer casing for plasterboard - 514 mm, WN6005 Alignment kit for outer casing, WN6006 Pair of extractors for outer casings, WN8003 U-shaped brackets pair, WN8011 Alignment kit for stainless steel outer casings, WN8101 Antifall 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**



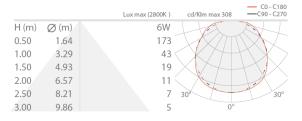
ELECTRICAL CHARACTERISTICS     Power consumption   6W     Power supply   24Vdc     Power supply unit not included   24Vdc     Demote and type of LED   48 low-power SMD LEDs     Average LED life   50 000h L95 B10 (Ta 25°C)     LED colour   2800K     CRI Colour Rendering Index   80     Binning   3-step MacAdam     Optics   diffuse     Lumme output at source   672 Im (2800K)     Delivered lumen output   140 Im (2800K)     MeCHANICAL CHARACTERISTICS   50520x43 mm     Weight   560 g     Mounting   body in PMMA, screen in opal PMMA, end caps in AISI 316L stainless     Body material   body in PMMA, screen in opal PMMA, end caps in AISI 316L stainless     Operating temperature   20°C - ±45°C     Imgress protection   IP65, IP67     Operating temperature   20°C - ±45°C     Appliance class   class II     Waidrum dividues temperature   20°C - ±45°C     Appliance class   class II     Waidrum dividues temperature   1500 S00 kg     Orive-over <t< th=""><th></th><th></th></t<>		
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LIGHTING CHARACTERISTICS     Number and type of LED   48 low-power SMD LEDs     Average LED life   50 000h L95 B10 (Ta 25°C)     LED colour   2800K     CRI Colour Rendering Index   80     Binning   3-step MacAdam     Optics   diffuse     Lumen output at source   672 Im (2800K)     Delivered lumen output   140 Im (2800K)     MECHANICAL CHARACTERISTICS   510x20x43 mm     Vieight   560 g     Mounting   with outer casing     Body material   560 g     Operating temperature   500° C     GENERAL CHARACTERISTICS   500 g     Generating temperature   500° g     Mounting   with outer casing     Body material   560 g     Generating temperature   20°C - ±45°C     Impact resistance   IK10     Energy efficiency class   F light source) in accordance with EU 2019/2015     Maximum device temperature   40°C (Ta 25°C)     Appliance class   Class III     Walkover   yes     Drive-over   up to 5000 kg <td>Power supply</td> <td>24Vdc</td>	Power supply	24Vdc
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	Notes	kg with stainless steel casing. Non-standard lengths available on request; Casambi control using the Casambi app with dedicated

RIO 1.1, CODE: RE11005DB



## PHOTOMETRIC DATA

### D – Diffuse

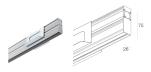


## ACCESSORIES

# Installation Accessories



WC8111 Aluminium outer casing - 514 mm drive-over: kg 5000 / kN 50



WC8311 Aluminium outer casing for plasterboard - 514 mm

Other

WN6005 Alignment kit for outer casing



WN8003 U-shaped brackets pair



WC8151 Stainless steel outer casing - 513 mm drive-over: kg 500 / kN 5



WN6006 Pair of extractors for outer casings



WN8011 Alignment kit for stainless steel outer casings





WN8101 Anti-fall kit

L&L Luce&Light SRL reserves the right to change the information contained in this document at any time without prior notice being given.