DATASHEET

Made in Italy

04/11/2026 Rev. 25/2024

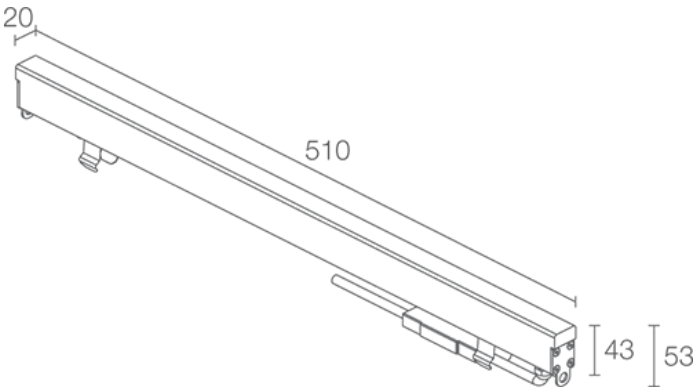
Rio 1.1, code: RE11007DB

Linear profiles for outdoor applications

kg 5000 - kN 50 kg 0,56 IP65 IP67 IK10

IPS T max 40°C F





DESCRIPTION

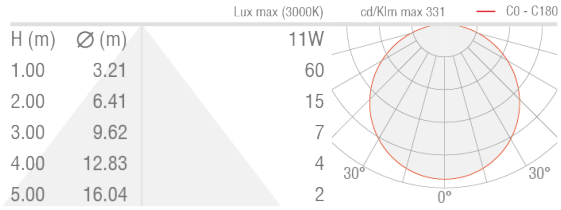
linear profile for outdoor applications; drive-over up to 5000 kg; walkover; recessed (ceiling, wall, floor); Power consumption: 11W; Power supply: 24Vdc; Lumen output at source: RGBW: 577 lm, R: 76 lm G: 178 lm B: 35 lm W: 288 lm (3000K); Delivered lumen output: RGBW: 180 lm, R: 28 lm G: 64 lm B: 12 lm W: 104 lm (3000K); 144 SMD LED full colour + LED white, 50 000h L95 B10 (Ta 25°C); LED colour: RGBW; Optics: diffuse; 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 1.50 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50/0.50 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; 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 Anti-fall kit; tested and approved via E.O.L. (End Of Line) test with functioning test and check of electrical power consumption

Status: Available

ELECTRICAL CHARACTERISTICS	
Power consumption	11W
Power supply	24Vdc
Power supply unit	power supply unit not included
LIGHTING CHARACTERISTICS	
Number and type of LED	144 SMD LED full colour + LED white
Average LED life	50 000h L95 B10 (Ta 25°C)
LED colour	RGBW
Optics	diffuse
Lumen output at source	RGBW: 577 lm, R: 76 lm G: 178 lm B: 35 lm W: 288 lm (3000K)
Delivered lumen output	RGBW: 180 lm, R: 28 lm G: 64 lm B: 12 lm W: 104 lm (3000K)
MECHANICAL CHARACTERISTICS	
Dimensions	510x20x43 mm
Weight	560 g
Mounting	with outer casing
Body material	body in PMMA, screen in opal PMMA, end caps in AISI 316L stainless steel
GENERAL CHARACTERISTICS	
Ingress protection	IP65, IP67
Operating 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
Power cables	includes 1.50 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm
Protection systems	IPS (Intelligent Protection System)
Photobiological safety	photobiological safety: risk group 1 according to EN 62471:2006
Notes	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

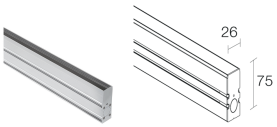
PHOTOMETRIC DATA

D – Diffuso

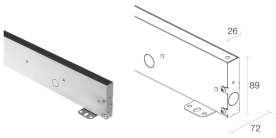


ACCESSORIES

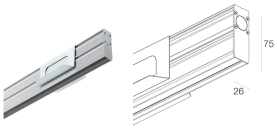
Installation Accessories



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



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



WC8311
Aluminium outer casing for plasterboard - 514 mm

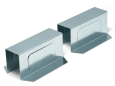
Other



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
Anti-fall kit

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