DATASHEET

Made in Italy

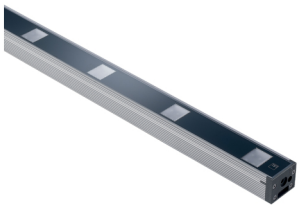
14/07/2025 Rev. 10/2024

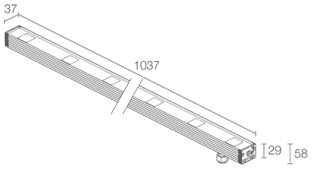
Neva 7.1, code: NV71007WA

Linear profiles for outdoor applications

kg 500 - kN 5 kg 1,90 IP65 IP67 IK06 IPS

PID NTC T max 45°C F





DESCRIPTION

linear profile for outdoor applications; walkover up to 500 kg; surface mounted (ceiling, wall, floor) with brackets or recessed (ceiling, floor, wall) with outer casing; Power consumption: 54W; Power supply: 24Vdc; Lumen output at source: 2548 lm, R: 410 lm G: 900 lm B: 275 lm W: 963 lm (4000K); Delivered lumen output: 1575 lm, R: 253 lm G: 556 lm B: 171 lm W: 595 lm (4000K, 32°); 9 RGBW power LED groups, 50 000h L90 B10 (Ta 25°C); LED colour: RGBW; Optics: 26°x58°: optical system composed of a series of light sources equally spaced at 120 mm from each other. The deep-set TIR lens guarantees high-quality light emission and visual comfort; Body material: body made of ANTICORODAL 6060 low-copper-content aluminium alloy, made from an extruded profile, then anodized grey (20 micron) to give the product better heat dissipation and increase its resistance to corrosion. Caps made of glass-fibre-reinforced polyamide for greater resistance.; Screen material: 4-mm-thick tempered, transparent extra-clear glass, with vitrified serigraphy, to ensure chromatic uniformity of light and excellent resistance to knocks and scratches.; power supply unit not included; includes 1.5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm; Ingress protection: IP65, IP67; Impact resistance: IK06; 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; The PID (Protective Impedance Device) protects lighting fixtures from electrical phenomena external to the system, such as static electricity accumulation or electromagnetic interference coming from the mains power. Generally, these are events with a low energy content; This is an NTC thermistor mounted on the LED board to protect the lighting fixture against overheating. Should the product function at an operating temperature greater than the maximum temperature at which it can operate correctly, the protection is activated and gradually reduces the power. The NTC causes the integrated electronic parts to cool down to avoid the lighting fixture instantly switching itself off. When the operating temperature is again within normal range, the NTC automatically restores the lighting fixture's original operating conditions; Operating temperature: -20°C — +45°C; Maximum device temperature: 45°C (Ta 25°C); Glow wire test: 960°C; Photobiological safety: in accordance with IEC TR 62778:2014; Appliance class: class III; Weight: 1900 g; Dimensions: 1037x37x29 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WB6521 Anti-glare shield in black-painted stainless steel - 1033 mm, WC6521 Aluminium outer casing - 1042 mm, WC6721 Aluminium outer casing for plasterboard - 1042 mm, WM0601 Pair of brackets h 75 mm, WM0602 Pair of brackets h 140 mm, WN6001 Anti-fall kit, WN6002 U-shaped brackets pair, WN6003 Springs pair, WN6005 Alignment kit for outer casing, WN6006 Pair of extractors for outer casings; tested and approved via E.O.L. (End Of Line) test with functioning test and check of electrical power consumption

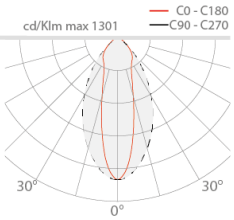
Status: Available

ELECTRICAL CHARACTERISTICS	
Power consumption	54W
Power supply	24Vdc
Power supply unit	power supply unit not included
LIGHTING CHARACTERISTICS	
Number and type of LED	9 RGBW power LED groups
Average LED life	50 000h L90 B10 (Ta 25°C)
LED colour	RGBW
Optics	26°x58°
Lumen output at source	2548 lm, R: 410 lm G: 900 lm B: 275 lm W: 963 lm (4000K)
Delivered lumen output	1575 lm, R: 253 lm G: 556 lm B: 171 lm W: 595 lm (4000K, 32°)
MECHANICAL CHARACTERISTICS	
Dimensions	1037x37x29 mm
Weight	1900 g
Mounting	with adjustable brackets and screws or with outer casing
Body material	body in anodized anticorodal aluminium
Screen material	screen in serigraphed, transparent, tempered extra-clear glass
GENERAL CHARACTERISTICS	
Ingress protection	IP65, IP67
Operating temperature	-20°C — +45°C
Impact resistance	IK06
Energy efficiency class	F (light source) in accordance with EU 2019/2015
Glow wire test	960°C
Maximum device temperature	45°C (Ta 25°C)
Appliance class	class III
Drive-over	no
Walkover	up to 500 kg
Power cables	includes 1.5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm
Protection systems	IPS (Intelligent Protection System); PID (Protective Impedance Device); NTC (thermistor mounted on LED board)
Photobiological safety	in accordance with IEC TR 62778:2014
Notes	Casambi control using the Casambi app with dedicated electronics

PHOTOMETRIC DATA

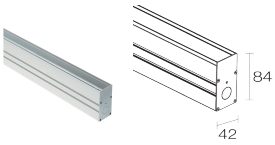
W – 26°x58°

H (m)	∅ (m)	∅ (m)	Lux max (4000K)	cd/Klm max 1301
1.00	0.47	1.10	2049	
2.00	0.93	2.20	512	
3.00	1.40	3.30	228	
4.00	1.86	4.40	128	
5.00	2.33	5.50	82	

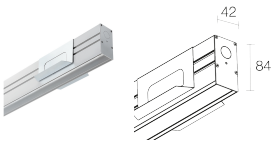


ACCESSORIES

Installation Accessories



WC6521
Aluminium outer casing - 1042 mm



WC6721
Aluminium outer casing for plasterboard - 1042 mm

Anti-glare

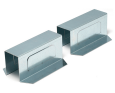
WB6521
Anti-glare shield in black-painted stainless steel - 1033 mm

Other

WM0601
Pair of brackets h 75 mm

WM0602
Pair of brackets h 140 mm

WN6001



WN6002

Anti-fall kit

WN6003
Springs pair

WN6006
Pair of extractors for outer casings

U-shaped brackets pair

WN6005
Alignment kit for outer casing