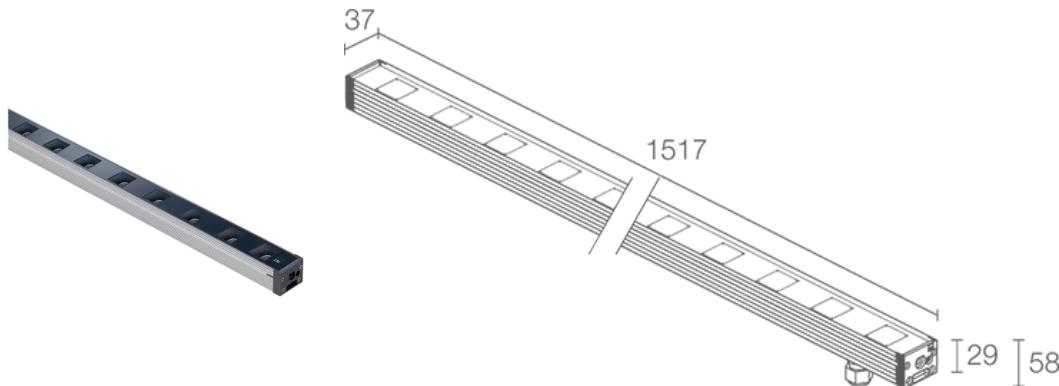


 **Neva 1.2, code: NV12005SA**  
Linear profiles for outdoor applications



 **PID**  **NTC** **T max 45°C** 



## 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: 45W; Power supply: 24Vdc; Lumen output at source: 3479 lm (3000K, 45W); Delivered lumen output: 2875 lm (3000K, 30°, 45W); 25 power LEDs, 3-step MacAdam, 50 000h L90 B10 (Ta 25°C); LED colour: 3000K; Optics: 11°: optical system composed of a series of equidistant light sources, 60 mm apart. The deep-set TIR lens guarantees high-quality light emission and visual comfort; CRI Colour Rendering Index: 80; 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 neoprene cable H05RN-F 2x0.75 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: 2750 g; Dimensions: 1517x37x29mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WB6512 Anti-glare shield in black-painted stainless steel - 1513 mm, WC6512 Aluminium outer casing - 1522 mm, WC6712 Aluminium outer casing for plasterboard - 1522 mm, WH6012 Honeycomb louvre , 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	45W
Power supply	24Vdc
Power supply unit	power supply unit not included

## LIGHTING CHARACTERISTICS

Number and type of LED	25 power LEDs
Average LED life	50 000h L90 B10 (Ta 25°C)
LED colour	3000K
CRI Colour Rendering Index	80
Binning	3-step MacAdam
Optics	11°
Lumen output at source	3479 lm (3000K, 45W)
Delivered lumen output	2875 lm (3000K, 30°, 45W)

## MECHANICAL CHARACTERISTICS

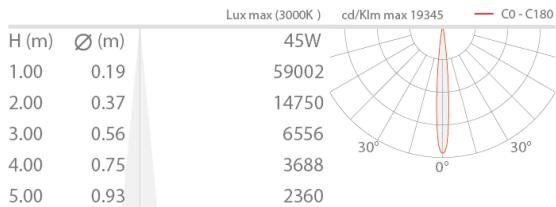
Dimensions	1517x37x29mm
Weight	2750 g
Mounting	with adjustable brackets and screws or with outer casing
Body material	body in anodized anticorodal aluminium
Screen material	screen in serigraphed, transparent, tempered extra-clear glass

## 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 neoprene cable H05RN-F 2x0.75 Ø6.3 mm
Protection systems	IPS (Intelligent Protection System); PID (Protective Impedance Device); NTC (theristor mounted on LED board)
Photobiological safety	in accordance with IEC TR 62778:2014
Notes	Casambi control using the Casambi app with dedicated electronics

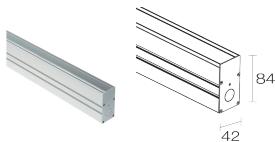
## PHOTOMETRIC DATA

S - 11°



## ACCESSORIES

## Installation Accessories

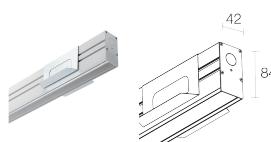


## WC6512

Aluminium outer casing - 1522 mm

Retaining spring clip (WN6003) included

If installing on a wall or ceiling, include an additional pair of springs.



## WC6712

Aluminium outer casing - 1522 mm

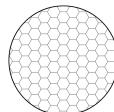
Retaining spring clip (WN6003) included

## Anti-glare



## WB6512

Anti-glare shield in black-painted stainless steel - 1513 mm



## WH6012

Honeycomb louvre

built into the lighting fixture

Order together with the lighting fixture

## Other



## WM0601

Pair of brackets h 75 mm



## WM0602

Pair of brackets h 140 mm



WN6001

Anti-fall kit



WN6003

Springs pair



WN6006

Pair of extractors for outer casings

WN6002

U-shaped brackets pair



WN6005

Alignment kit for outer casing

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