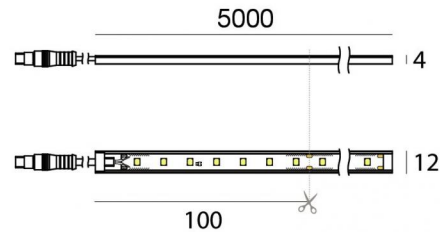# PU_C Plus 70 LEDs/m

LED Strip | 350 topLED 62.5 W DC 24 V | 12.5 W/m
1586.2 Lm/m | CRI >90
C00123WHNDI

PU
3M Tape

Technical data	
Length	5000 mm
Minimum cut	100 mm
Type	LED Strip
Installation position	Wall lights - Ceiling
Installation environment	Outdoor
Light Source	LED
Circuit structure	topLED
Optics	Diffused
Light emission direction	downward
Nominal power	62.5 W DC
Power / m	12.5 W / m
Source lumens	7931 lm
Source lumens / m	1586.2 lm / m
Input voltage range	24V
CCT / Tone	4000 K
Colour rendering index	>90 Ra
C.C. / C.V.	CV
Safety class	3
IP	IP66
Glow wire test	650°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	No
Dimmable article	DALI - 1-10V
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	1(M)x0.25m + 1(F)x1 m
Resin potting	Yes
Type of light emission	Single emission
Length	5000 mm
Net weight	0.575 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing	
Material	Technopolymer
Colour	white

Finishing diffuser	
Material	PU
Colour	Opal

Electronics	
99331	On/Off Driver 198~264V AC / 176~275V DC 150 W (1 - 2 art.)
99332	1-10V Controller (1 - 2 art.)
99374	On/Off Driver 198~264V AC / 176~275V DC 75 W (1 art.)
83333	Push and Simply Dim - DALI-2 Controller (1 - 2 art.)
C-E400002	Push and Simply Dim - DALI-2 Controller (1 - 3 art.)

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PU_C Plus 70 LEDs/m

LED Strip | 350 topLED 62.5 W DC 24 V | 12.5 W/m | 1586.2 Lm/m | CRI >90 | Base
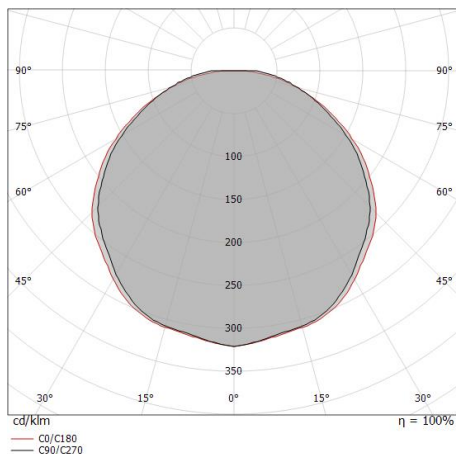**C00123WHNDI**

Single emission led strip for outdoor application. The natural white LED light source with a diffused light distribution is composed of 350 topled LEDs with CCT of 4000 K and a CRI >90; the source luminous flux is 7931 lm, with a 126.9 lm/W nominal luminous efficacy.

The device body is made of technopolymer and features a white finish; the diffuser is made of pu. The ingress protection degree is IP66; the total weight is of 0.575 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 62.5 W. The power supply cable is included and features a 1(M)x0.25m + 1(F)x1 m length.

The device features protection class III and can be wall lights or ceiling-mounted.

Compliant with the EN 60598-1 standard and its specific provisions.

Energy efficiency class

This product contains a light source of energy efficiency class E.

Illuminotechnical Features	
Light Output Ratio (LOR)	86 %
Source lumens	7931 lm
Delivered lumens	6873 lm
Consumption	63 W
Luminaire efficacy	109 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Standard Operating Ambient Temperature	-20 / +55°C

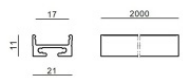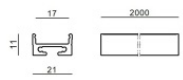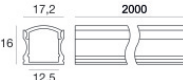| UGR	
UGR axial	30.7
UGR transversal	30.4
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20
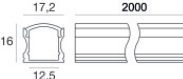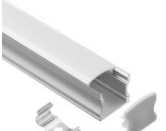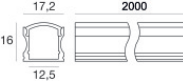
OPTICAL	
C0/C180 optics	117°
Light distribution simmetry	Symmetrical

cd/klm   η = 100%
— C0/C180
— C90/C270

		E(0°)		8824
0.5	1.62 / 1.71	E(C90)	58.3°	641
		E(C0)	59.7°	569
1.0	3.24 / 3.42	E(0°)		2206
		E(C90)	58.3°	160
		E(C0)	59.7°	142
1.5	4.86 / 5.13	E(0°)		980
		E(C90)	58.3°	71
		E(C0)	59.7°	63
2.0	6.48 / 6.85	E(0°)		551
		E(C90)	58.3°	40
		E(C0)	59.7°	36
2.5	8.10 / 8.56	E(0°)		353
		E(C90)	58.3°	26
		E(C0)	59.7°	23
3.0	9.71 / 10.27	E(0°)		245
		E(C90)	58.3°	18
		E(C0)	59.7°	16

Distance [m]   Cone diameter [m]   Illuminance [lx]
— C0/C180 (Half-peak divergence: 119.4°)
— C90/C270 (Half-peak divergence: 116.6°)

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LED Strip | 350 topLED 62.5 W DC 24 V | 12.5 W/m | 1586.2 Lm/m | CRI >90
C00123WHNDI

Components

			Code
	17 2000 21	LUNO_20/27 - Profili | Modular	C-K100017
	17 2000 21	LUNO_20/27 - Profili | Modular	C-K100018
	17,2 2000 16 12,5	Rive_17/16 - Profili | Modular	C-K100015
	17,2 2000 16 12,5	Rive_17/16 - Profili | Modular	C-K100016
	55 2000 70 27 12,5	Tabulo_35/14 - Profili | Modular	C-K100025
	17,2 2000 16 12,5	Rive_17/16 - Profili | Modular	C-K100026
	17,2 2000 16 12,5	Rive_17/16 - Profili | Modular	C-K100027

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PU_C Plus 70 LEDs/m | LED Strip | Accessories
C00123WHNDI

			Finish	Code
	Diffuser Material:PC, colour:black.		Black	83132
	Bracket - Mounting bracket L=19mm, H=8mm, D=9mm. Material:Iron, colour:zinc, processing:Washing.			**Code** 98944
	Closing cap			**Code** 98902
	Bracket L=12mm, H=15mm, D=30mm. Material:PC, colour:white.		White	**Code** 98901
	Diffuser			**Code** 98898
	Diffuser			**Code** 98899
	Diffuser			**Code** 98900
	Closing cap Material:Aluminium, colour:translucent.			**Code** 98907

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PU_C Plus 70 LEDs/m | LED Strip | Accessories
C00123WHNDI

			Finish	**Code**
	Diffuser Diffuser Type: opaline diffuser. Material:PC, colour:opaline.		Opaline	98395

		Code
	Closing cap	98418

		Code
5x	Springs for recessing - 5 pieces	98420

		Code
	Diffuser	98941

		Code
	Diffuser	98942

		Code
	Diffuser - Opaline Diffuser	98943

		Finish	**Code**
	Bracket L=22mm, H=21.5mm, D=16.4mm. Material:PC, colour:transparent.	Transp.	98904

		Code
	Closing cap Material:ABS Plastic, colour:black.	C-V400034

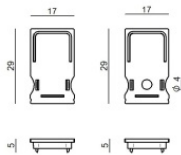PU_C Plus 70 LEDs/m | LED Strip | Accessories
C00123WHNDI

		Closing cap Material:plastic, colour:grey.	**Code** C-V400033
		Closing cap Material:ABS Plastic, colour:black.	**Code** C-V400032
		Closing cap Material:plastic, colour:grey.	**Code** C-V400031
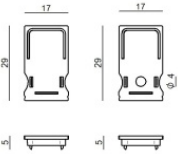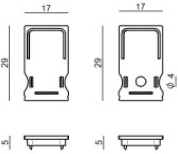
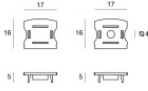|	Diffuser Material:PC, colour:black.	**Finish** Black	**Code** C-K200008
	Diffuser Material:PC, colour:opaline.	**Finish** Opaline	**Code** C-K200007
	Diffuser Material:PC, colour:black.	**Finish** Black	**Code** C-K200006
	Diffuser Material:PC, colour:opaline.	**Finish** Opaline	**Code** C-K200005
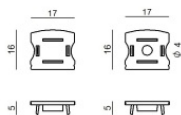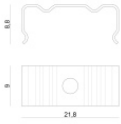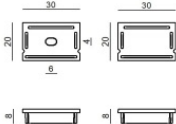
		Closing cap Material:ABS Plastic, colour:black.	**Code** C-V400026

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PU_C Plus 70 LEDs/m

PU_C Plus 70 LEDs/m | LED Strip | Accessories
C00123WHNDI

				Code
		Closing cap Material:plastic, colour:grey.		C-V400025

			Finish	**Code**
		Diffuser Material:PC, colour:opaline.	Opaline	C-K200001

				Code
		Bracket L=9mm, H=8.8mm, D=21.8mm. Material:Iron, colour:translucent, processing:Washing.		98931

			Finish	**Code**
		Diffuser Material:PC, colour:opaline.	Opaline	C-K200003

			Finish	**Code**
		Diffuser Material:PC, colour:black.	Black	C-K200004

			Finish	**Code**
		Diffuser Material:PC, colour:black.	Black	C-K200009

				Code
		Closing cap Material:plastic, colour:grey.		C-V400041

				Code
		Extension cable		99542

PU_C Plus 70 LEDs/m | LED Strip | Accessories
C00123WHNDI

	Bracket - Fixing kit for PU_C 5 m | 1 x glue, 20 x brackets, 40 x M3 x 25 screws, 10 x plugs	**Code** 98964
	Bracket - Bracket kit for PU_C 5 m and Silicone_C 5 m | 10 x brackets, 20 x M3 x 25 screws	**Code** 89223
	Closing cap Material:plastic, colour:grey.	**Code** C-V400019
	Closing cap Material:ABS Plastic, colour:black.	**Code** C-V400020
	Closing cap Material:plastic, colour:grey.	**Code** C-V400021
	Closing cap Material:ABS Plastic, colour:black.	**Code** C-V400022

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