PU_C Plus 70 LEDs/m

LED Strip | 350 topLED 16 W DC 24 V | 3.2 W/m
356.4 Lm/m | CRI >90
C00122WHWDI

5000

4

12

100

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	16 W DC
Power / m	3.2 W / m
Source lumens	1782 lm
Source lumens / m	356.4 lm / m
Input voltage range	24V
CCT / Tone	3000 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 - 9 art.)
99332	1-10V Controller (1 - 9 art.)
99374	On/Off Driver 198~264V AC / 176~275V DC 75 W (1 - 4 art.)
83333	Push and Simply Dim - DALI-2 Controller (1 - 9 art.)
C-E400002	Push and Simply Dim - DALI-2 Controller (1 - 15 art.)

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C00122WHWDI

Single emission led strip for outdoor application. The warm white LED light source with a diffused light distribution is composed of 350 topled LEDs with CCT of 3000 K and a CRI >90; the source luminous flux is 1782 lm, with a 111.4 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 16 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 F.

F | A↑G

Illuminotechnical Features

Light Output Ratio (LOR)	86 %
Source lumens	1782 lm
Delivered lumens	1550 lm
Consumption	16 W
Luminaire efficacy	96 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Standard Operating Ambient Temperature	-20 / +55°C

UGR

UGR axial	25.5
UGR transversal	25.3
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
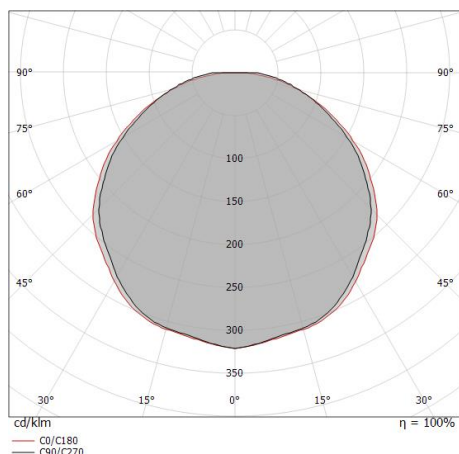
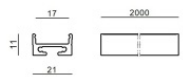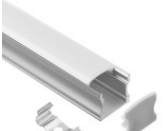| Distance [m]	Cone diameter [m]	Illuminance [lx]		
0.5	1.62 / 1.71	E(0°)		1990
		E(C90)	58.3°	145
		E(C0)	59.7°	128
1.0	3.24 / 3.42	E(0°)		497
		E(C90)	58.3°	36
		E(C0)	59.7°	32
1.5	4.86 / 5.13	E(0°)		221
		E(C90)	58.3°	16
		E(C0)	59.7°	14
2.0	6.48 / 6.85	E(0°)		124
		E(C90)	58.3°	9
		E(C0)	59.7°	8
2.5	8.10 / 8.56	E(0°)		80
		E(C90)	58.3°	6
		E(C0)	59.7°	5
3.0	9.71 / 10.27	E(0°)		55
		E(C90)	58.3°	4
		E(C0)	59.7°	4

— C0/C180 (Half-peak divergence: 119.4°)
— C90/C270 (Half-peak divergence: 116.6°)

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C00122WHWDI

Components

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

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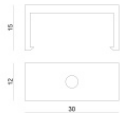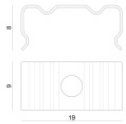
PU_C Plus 70 LEDs/m | LED Strip | Accessories
C00122WHWDI

			Finish	Code
	Bracket L=22mm, H=21.5mm, D=16.4mm. Material:PC, colour:transparent.		Transp.	98904
	Diffuser - Opaline Diffuser			98943
	Diffuser			98942
	Diffuser			98941
5x	Springs for recessing - 5 pieces			98420
	Closing cap			98418
	Diffuser Diffuser Type: opaline diffuser. Material:PC, colour:opaline.		Opaline	98395
	Closing cap Material:Aluminium, colour:translucent.			98907

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PU_C Plus 70 LEDs/m | LED Strip | Accessories
C00122WHWDI

				Code
		Diffuser		98900
		Diffuser		98899
		Diffuser		98898

			Finish	**Code**
		Bracket L=12mm, H=15mm, D=30mm. Material:PC, colour:white.	White	98901

				Code
		Closing cap		98902
		Bracket - Mounting bracket L=19mm, H=8mm, D=9mm. Material:Iron, colour:zinc, processing:Washing.		98944

			Finish	**Code**
		Diffuser Material:PC, colour:black.	Black	83132

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

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PU_C Plus 70 LEDs/m | LED Strip | Accessories
C00122WHWDI

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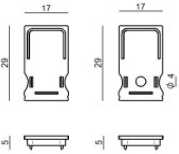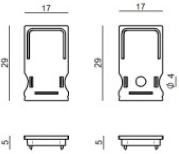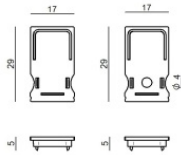
		Finish	Code
	Diffuser Material:PC, colour:black.	Black	C-K200008
	Diffuser Material:PC, colour:opaline.	Opaline	C-K200007
	Diffuser Material:PC, colour:black.	Black	C-K200006
	Diffuser Material:PC, colour:opaline.	Opaline	C-K200005
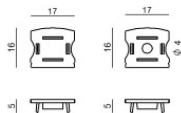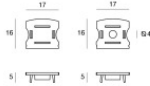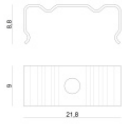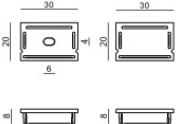
	Closing cap Material:ABS Plastic, colour:black.	**Code** C-V400026

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PU_C Plus 70 LEDs/m

PU_C Plus 70 LEDs/m | LED Strip | Accessories
C00122WHWDI

	Closing cap Material:plastic, colour:grey.		**Code** 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
C00122WHWDI

		Code
x5 x5 x20 x1 x40	Bracket - Fixing kit for PU_C 5 m | 1 x glue, 20 x brackets, 40 x M3 x 25 screws, 10 x plugs	98964
x20 x10	Bracket - Bracket kit for PU_C 5 m and Silicone_C 5 m | 10 x brackets, 20 x M3 x 25 screws	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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