Silicone 120 LEDs/m

LED Strip | 1 topLED 48 W DC 24 V | 9.6 W/m
898 Lm/m | CRI 90
C00502WHNDI

3M TAPE

5000

5.3

300

10

50

Technical data	
Length	5000 mm
Minimum cut	50 mm
Type	LED Strip
Installation position	Wall lights - Ceiling
Installation environment	Outdoor
Light Source	LED
Circuit structure	topLED
Optics	Diffused
Light emission direction	upward
Nominal power	48 W DC
Power / m	9.6 W / m
Source lumens	4490 lm
Source lumens / m	898 lm / m
Input voltage range	24V
CCT / Tone	4000 K
Colour rendering index	90 Ra
C.C. / C.V.	CV
Safety class	3
IP	IP67
Glow wire test	No
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	0.3 m
Resin potting	No
Type of light emission	Single emission
Length	5000 mm
Net weight	0.4 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing	
Material	Silicone
Colour	transparent

Electronics

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

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Silicone 120 LEDs/m

LED Strip | 1 topLED 48 W DC 24 V | 9.6 W/m | 898 Lm/m | CRI 90 | Base
C00502WHNDI

Single emission led strip for outdoor application. The natural white LED light source with a diffused light distribution is composed of 600 stripled LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 4490 lm, with a 93.5 lm/W nominal luminous efficacy.

The device body is made of silicone and features a transparent finish. The ingress protection degree is IP67; the total weight is of 0.4 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 48 W. The power supply cable is included and features a 0.3 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

F A↑G

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

Illuminotechnical Features

Light Output Ratio (LOR)	100 %
Source lumens	4490 lm
Delivered lumens	4490 lm
Consumption	48 W
Luminaire efficacy	93 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
Standard Operating Ambient Temperature	-20 / +45°C

LED Life / Failure Ratio

L70 B50 C0 50000h

UGR

UGR axial	28.2
UGR transversal	28.8
X=4H	Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C90/C270 optics	112°
C0/C180 optics	127°
Light distribution simmetry	Symmetrical 2 assis

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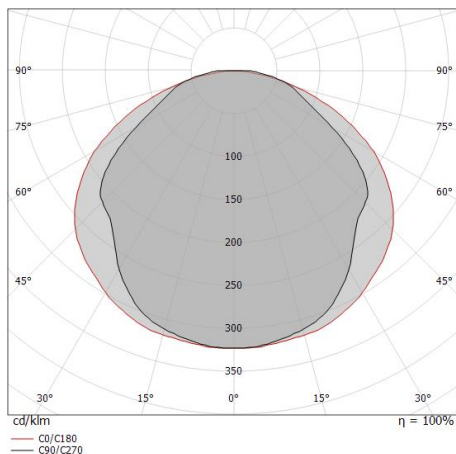
— C0/C180
— C90/C270

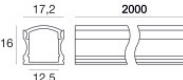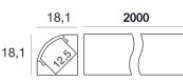| Distance [m]	Cone diameter [m]			Illuminance [lx]	
0.5	1.48 / 2.02	E(0°)			5805
		E(C90)	56.0°		510
		E(C0)	63.7°		253
1.0	2.97 / 4.05	E(0°)			1451
		E(C90)	56.0°		127
		E(C0)	63.7°		63
1.5	4.45 / 6.07	E(0°)			645
		E(C90)	56.0°		57
		E(C0)	63.7°		28
2.0	5.93 / 8.09	E(0°)			363
		E(C90)	56.0°		32
		E(C0)	63.7°		16
2.5	7.41 / 10.12	E(0°)			232
		E(C90)	56.0°		20
		E(C0)	63.7°		10
3.0	8.90 / 12.14	E(0°)			161
		E(C90)	56.0°		14
		E(C0)	63.7°		7
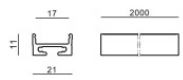
— C0/C180 (Half-peak divergence: 127.4°)
— C90/C270 (Half-peak divergence: 112.0°)

Silicone 120 LEDs/m

LED Strip | 1 topLED 48 W DC 24 V | 9.6 W/m | 898 Lm/m | CRI 90
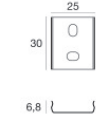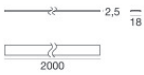**C00502WHNDI**

Components

		LUNO_20/27 - Profili | Modular	**Code** C-K100017
		LUNO_20/27 - Profili | Modular	**Code** C-K100018
		Rive_17/16 - Profili | Modular	**Code** C-K100015
		Rive_17/16 - Profili | Modular	**Code** C-K100016
		Cela_18/18 - Profili | Modular	**Code** C-K100019
		Cela_18/18 - Profili | Modular	**Code** C-K100020
		Tabulo_35/14 - Profili | Modular	**Code** C-K100025

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Silicone 120 LEDs/m | LED Strip | Accessories
C00502WHNDI

5x	25 / 30 / 6,8	Springs for recessing - 5 pieces		**Code** 98420

			Finish	**Code**
	2,5 / 18 / 2000	Diffuser Diffuser Type: opaline diffuser. Material:PC, colour:opaline.	Opaline	98395

			Code
	15 / 2000	Diffuser	98941

			Code
	15 / 2000	Diffuser	98942

			Code
	15 / 2000	Diffuser - Opaline Diffuser	98943

			Code
	24 / 2000	Diffuser	98898

			Code
	24 / 2000	Diffuser	98899

			Code
	24 / 2000	Diffuser	98900

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Silicone 120 LEDs/m | LED Strip | Accessories
C00502WHNDI

		Diffuser			**Code**
					98917

		Diffuser			**Code**
					98925

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

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

		Diffuser Material:PC, colour:black.	**Finish** Black		**Code** C-K200002

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

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

		Diffuser Material:PC, colour:opaline.	**Finish** Opaline		**Code** C-K200005

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Silicone 120 LEDs/m | LED Strip | Accessories
C00502WHNDI

			Finish	**Code**
	Diffuser Material:PC, colour:opaline.		Opaline	C-K200007

			Finish	**Code**
	Diffuser Material:PC, colour:black.		Black	C-K200009
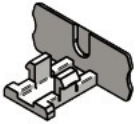
		Code
	Closing cap	98418
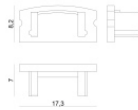
		Code
	Closing cap - Closing cap Material:PC, colour:white.	98892
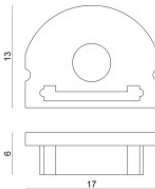
		Code
	Closing cap	98928

		Code
	Closing cap	98902
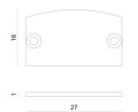
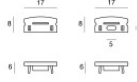|		**Code**
	Closing cap Material:Aluminium, colour:translucent.	98907
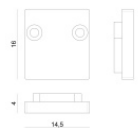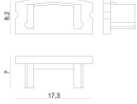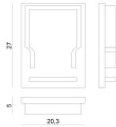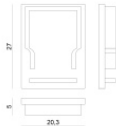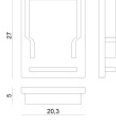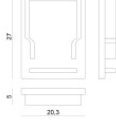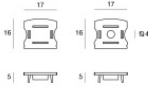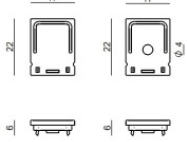
		Code
	Closing cap Material:PC, colour:white.	98918

Silicone 120 LEDs/m | LED Strip | Accessories
C00502WHNDI

		Closing cap Material:PC, colour:black.	**Code** 83133	
		Closing cap Material:plastic, colour:grey.	**Code** C-V400023	
		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	
		Closing cap Material:plastic, colour:grey.	**Code** C-V400025	
		Closing cap Material:plastic, colour:grey.	**Code** C-V400027	
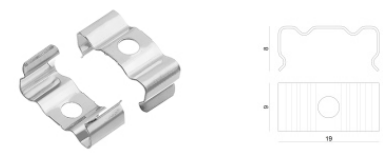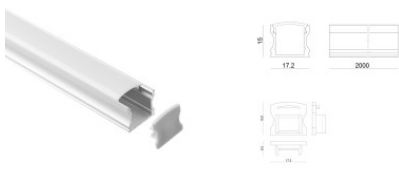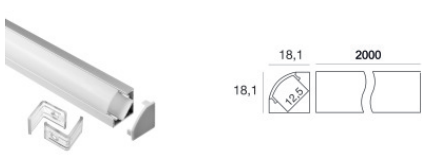
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Silicone 120 LEDs/m | LED Strip | Accessories
C00502WHNDI

		Closing cap Material:plastic, colour:grey.	**Code** C-V400029
		Closing cap Material:plastic, colour:grey.	**Code** C-V400031
		Closing cap Material:plastic, colour:grey.	**Code** C-V400033
		Closing cap Material:plastic, colour:grey.	**Code** C-V400035
		Closing cap Material:ABS Plastic, colour:black.	**Code** C-V400036
		Closing cap Material:ABS Plastic, colour:black.	**Code** C-V400038
		Closing cap Material:plastic, colour:grey.	**Code** C-V400037
		Closing cap Material:plastic, colour:grey.	**Code** C-V400041

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Silicone 120 LEDs/m
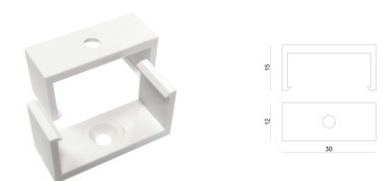
Silicone 120 LEDs/m | LED Strip | Accessories
C00502WHNDI

		Code
	Bracket - Bracket kit for PU_C 5 m and Silicone_C 5 m	10 x brackets, 20 x M3 x 25 screws	89223

x20 x10

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

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

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

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

		Code
	Bag / Fixing kit - Fixing kit for Silicone_C 5 m	1 x glue, 10 x plugs	C-V400002

X5 X5 X1

		Code
	Bag / Fixing kit	C-K100027

		Code
	Bag / Fixing kit	C-K100028

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Silicone 120 LEDs/m | LED Strip | Accessories
C00502WHNDI

18,1   2000
18,1   12,5

Bag / Fixing kit

Code

C-K100029

16   2000

Optics

Light distribution: medium flood,Cover material: pc

Code

C-U100001

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