Rubber 3D

LED Strip | 560 topLED 50 W DC 24 V | 10 W/m
1205.8 Lm/m | CRI >90
C00127WHNDI

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5004          14

62.5      8    14
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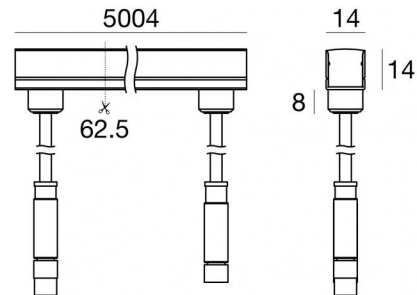
Technical data

Length	5000 mm
Minimum cut	62.5 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	50 W DC
Power / m	10 W / m
Source lumens	6029 lm
Source lumens / m	1205.8 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
IK	IK07
Glow wire test	650°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
ETL	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)x0.25 m + 1(F)x0.25 m
Resin potting	Yes
Type of light emission	Single emission
Length	5000 mm
Net weight	1.365 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 art.)

99332
1-10V Controller (1 - 3 art.)

99374
On/Off Driver 198~264V AC / 176~275V DC 75 W (1 art.)

83333
Push and Simply Dim - DALI-2 Controller (1 - 3 art.)

C-E400002
Push and Simply Dim - DALI-2 Controller (1 - 4 art.)

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Rubber 3D

LED Strip | 560 topLED 50 W DC 24 V | 10 W/m | 1205.8 Lm/m | CRI >90 | Base
C00127WHNDI

Single emission led strip for outdoor application. The natural white LED light source with a diffused light distribution is composed of 560 topled LEDs with CCT of 4000 K and a CRI >90; the source luminous flux is 6029 lm, with a 120.6 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 IP67; the total weight is of 1.365 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 50 W. The power supply cable is included and features a 1(M)x0.25 m + 1(F)x0.25 m length.

The device features protection class III and can be wall lights or ceiling-mounted with an outer casing, code 82199(for concrete or masonry).

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

Energy efficiency class

This product contains 5 light sources of energy efficiency class E.

Illuminotechnical Features

|	
Light Output Ratio (LOR)	52 %
Source lumens	6029 lm
Delivered lumens	3145 lm
Consumption	49 W
Luminaire efficacy	64 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Standard Operating Ambient Temperature	-20 / +55°C

LED Life / Failure Ratio

L70 B20 C0 72500h

UGR

UGR axial	24.8
UGR transversal	27.1
X=4H	Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C90/C270 optics	108°
C0/C180 optics	121°
Light distribution simmetry	Symmetrical 2 assis

cd/klm η = 100%
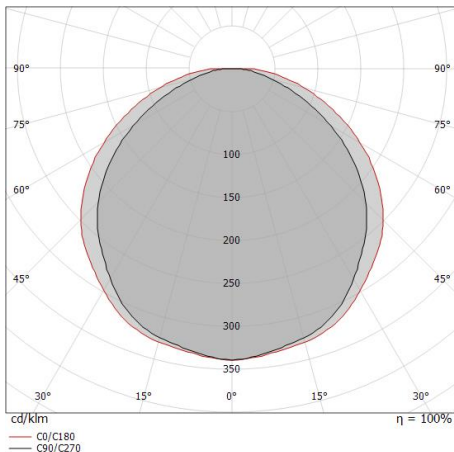
— C0/C180
— C90/C270

Distance [m]	Cone diameter [m]		Illuminance [lx]		
0.5	1.38	1.76	E(0°)		4269
			E(C90)	54.0°	435
			E(C0)	60.4°	258
1.0	2.75	3.52	E(0°)		1067
			E(C90)	54.0°	109
			E(C0)	60.4°	65
1.5	4.13	5.28	E(0°)		474
			E(C90)	54.0°	48
			E(C0)	60.4°	29
2.0	5.51	7.04	E(0°)		267
			E(C90)	54.0°	27
			E(C0)	60.4°	16
2.5	6.88	8.80	E(0°)		171
			E(C90)	54.0°	17
			E(C0)	60.4°	10
3.0	8.26	10.56	E(0°)		119
			E(C90)	54.0°	12
			E(C0)	60.4°	7

— C0/C180 (Half-peak divergence: 120.8°)
— C90/C270 (Half-peak divergence: 108.0°)

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Rubber 3D

Rubber 3D | LED Strip | Accessories
C00127WHNDI

			Code
	Closing cap - PU Rubber Material:Silicone, colour:transparent.		99539
	Connector		**Code** 89548
	Strip Service - Double sided tape 33 meters		**Code** 99520
	Cable gland		**Code** 98990
	Bag / Fixing kit - RUBBER PEG + BRACKET RUBBER PEG + BRACKET PEG + BRACKET D114X204 for Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3D Pixel		**Code** 83351
	Bag / Fixing kit - TILTING KIT + BRACKET D68X20 - Transparent - for Rubber 3D (not Rubber 3D PROtection)		**Code** 83352

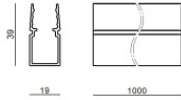|			**Finish**	**Code**
	Bracket - Clip with toothed spring - Anodised Aluminium - for Rubber 3D (not for Rubber 3D PROtection) installation position: wall lights, ceiling L=50mm, H=23mm, D=21mm. Material:Aluminium, colour:Aluminium, processing:Anodisation.			C-F400001
	Bracket - Clip with toothed spring - Anodised Black Aluminium - for Rubber 3D (not for Rubber 3D PROtection) installation position: wall lights, ceiling L=50mm, H=23mm, D=21mm. Material:Aluminium, colour:black, processing:Anodisation.			C-F400002

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Rubber 3D

			Finish	Code
	Bracket - Clip with toothed spring with cable passage - Anodised Aluminium - for Rubber 3D (not for Rubber 3D PROtection) installation position: wall lights, ceiling L=50mm, H=41mm, D=21mm. Material:Aluminium, colour:Aluminium, processing:Anodisation.			C-F400003

			Finish	Code
	Bracket - Clip with toothed spring with cable passage - Anodised Black Aluminium - for Rubber 3D (not for Rubber 3D PROtection) installation position: wall lights, ceiling L=50mm, H=41mm, D=21mm. Material:Aluminium, colour:black, processing:Anodisation.			C-F400004

			Finish	Code
	Outer casing - Linear profile in aluminum 19x18x1000mm for Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3d Pixel installation position: wall lights, ceiling L=1000mm, H=18mm, D=19mm. Material:Aluminium, colour:Aluminium, processing:Anodisation.			99549

			Finish	Code
	Outer casing - Linear profile in aluminum 19x18x2000mm for Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3D Pixel installation position: wall lights, ceiling L=2000mm, H=18mm, D=19mm. Material:Aluminium, colour:Aluminium, processing:Anodisation.			82198

		Code
	Profile - Black aluminium 18x19 profile 1m for Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3D Pixel Material:Aluminium, colour:black, processing:Anodisation.	C-K100007

		Code
	Profile - Black aluminium 18x19 profile 1m for Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3D Pixel Material:Aluminium, colour:black, processing:Anodisation.	C-K100008

			Finish	Code
	Outer casing - Linear profile with aluminium cable passage 39x18x1000mm for Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3D Pixel installation position: wall lights, ceiling L=2000mm, H=39mm, D=19mm. Material:Aluminium, colour:Aluminium, processing:Anodisation.			83034

			Finish	Code
	Outer casing - Linear profile with aluminum cable passage 39x18x2000mm for Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3D Pixel installation position: wall lights, ceiling L=1000mm, H=39mm, D=19mm. Material:Aluminium, colour:Aluminium, processing:Anodisation.			82199

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Rubber 3D | LED Strip | Accessories
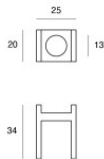**C00127WHNDI**

	Code
Profile - Profile 39x19 Aluminum black 1m for Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3D Pixel Material:Aluminium, colour:black, processing:Anodisation.	C-K100009
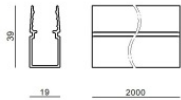
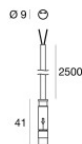|	**Code**
Profile - Profile 39x19 Aluminium black 2m for Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3D Pixel Material:Aluminium, colour:black, processing:Anodisation.	C-K100010
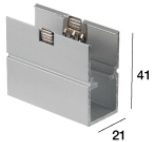
	Finish	**Code**
Bracket - Clip with toothed spring with cable passage installation position: wall lights, ceiling L=50mm, H=41mm, D=21mm. Material:Aluminium, colour:Aluminium, processing:Anodisation.		99537

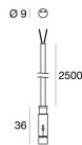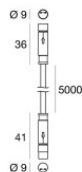|	**Code**
Template	C-V200005

	Code
Cable and connector - Cable for Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic Length 2000 mm; insulation double; section 0.5 mm²; colors: white - grey.	C-W200001

	Code
Cable and connector - Cable for Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic Length 2000 mm; insulation double; section 0.5 mm²; colors: white - grey.	C-W200002

	Code
Cable and connector - Cable for Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic Length 5000 mm; insulation double; section 0.5 mm²; colors: white - grey.	C-W200007

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