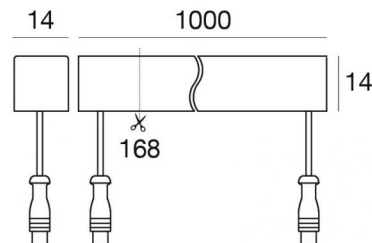
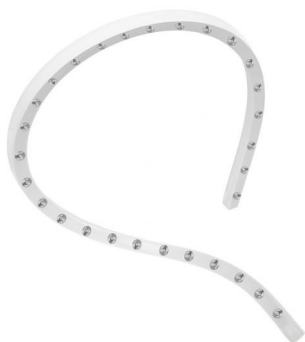


Rubber 3D Optic



LED Strip | 36 topLED 22 W DC 24 V | 22 W/m
2185 Lm/m | CRI 85

82216M30



Technical data	
Length	1000 mm
Minimum cut	168 mm
Type	LED Strip
Installation position	Wall lights - Ceiling - Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	topLED
Optics	Medium Wide Flood
Light emission direction	downward
Nominal power	22 W DC
Power / m	22 W / m
Source lumens	2185 lm
Source lumens / m	2185 lm / m
Input voltage range	24V
CCT / Tone	2700 K
Colour rendering index	85 Ra
C.C. / C.V.	CV
Safety class	3
IP	IP67
IK	IK07
Glow wire test	960°
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	1000 mm
Net weight	0.29 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 - 6 art.)
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	99332 1-10V Controller (1 - 6 art.)
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	99374 On/Off Driver 198~264V AC / 176~275V DC 75 W (1 - 3 art.)
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	83333 Push and Simply Dim - DALI-2 Controller (1 - 6 art.)
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	C-E400002 Push and Simply Dim - DALI-2 Controller (1 - 10 art.)
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LED Strip | 36 topLED 22 W DC 24 V | 22 W/m | 2185 Lm/m | CRI 85 | Base
82216M30

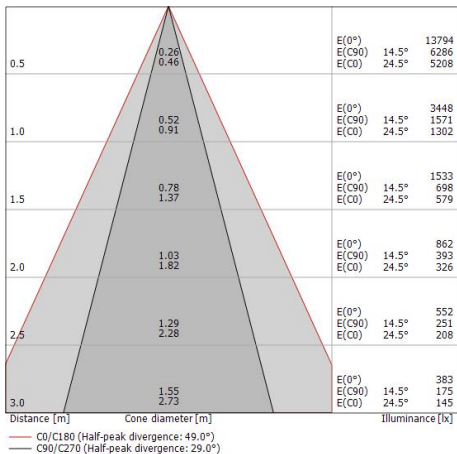
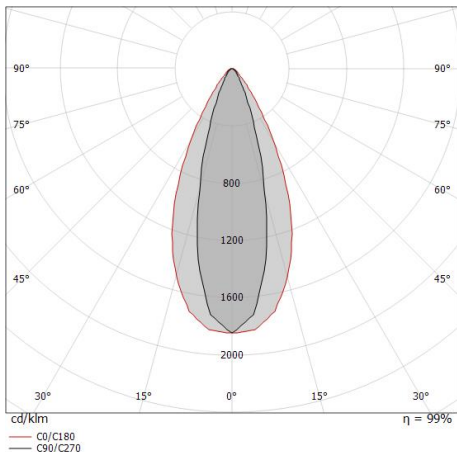
Single emission led strip for outdoor application. The super warm white LED light source with a medium wide flood light distribution is composed of 36 topLEDs with CCT of 2700 K and a CRI 85; the source luminous flux is 2185 lm, with a 99.3 lm/W nominal luminous efficacy.

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 0.29 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 22 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, ceiling or floor-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 2 light sources of energy efficiency class F.

Illuminotechnical Features

Light Output Ratio (LOR)	85 %
Source lumens	2185 lm
Delivered lumens	1867 lm
Consumption	22 W
Luminaire efficacy	84 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	85 Ra
Junction temperature (lighting fixture)	80

Standard Operating Ambient Temperature

-20 / +50°C

LED Life / Failure Ratio

L70 B20 C0 72500h (at Tj 115 Ta 25)

UGR

UGR axial	17.9
UGR transversal	20.7
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C90/C270 optics	29°
C0/C180 optics	49°
Light distribution simmetry	Symmetrical 2 assis

LED Strip | 36 topLED 22 W DC 24 V | 22 W/m | 2185 Lm/m | CRI 85 | Base
82216M30

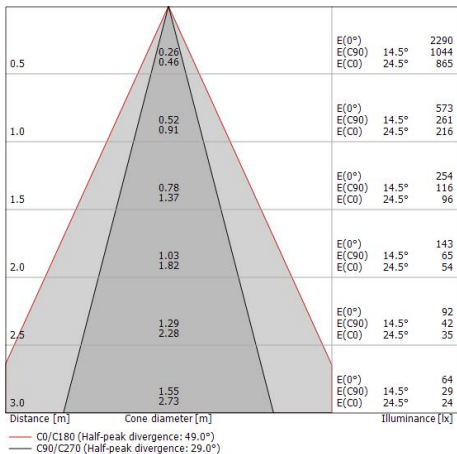
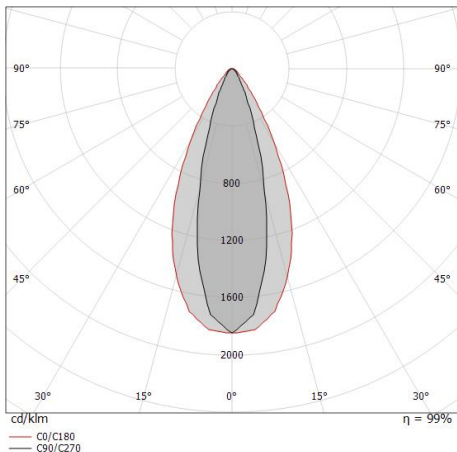
Single emission led strip for outdoor application. The super warm white LED light source with a medium wide flood light distribution is composed of 36 topLEDs with CCT of 2700 K and a CRI 85; the source luminous flux is 2185 lm, with a 99.3 lm/W nominal luminous efficacy.

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 0.29 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 22 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, ceiling or floor-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 2 light sources of energy efficiency class F.

Illuminotechnical Features

Light Output Ratio (LOR)	14 %
Source lumens	2185 lm
Delivered lumens	310 lm
Consumption	3.5 W
Luminaire efficacy	88 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	85 Ra
Junction temperature (lighting fixture)	80

Standard Operating Ambient Temperature -20 / +50°C

LED Life / Failure Ratio

L70 B20 C0 72500h (at Tj 115 Ta 25)

UGR

UGR axial	17.9
UGR transversal	20.7
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C90/C270 optics	29°
C0/C180 optics	49°
Light distribution simmetry	Symmetrical 2 assis

LED Strip | 36 topLED 22 W DC 24 V | 22 W/m | 2185 Lm/m | CRI 85 | Base
82216M30

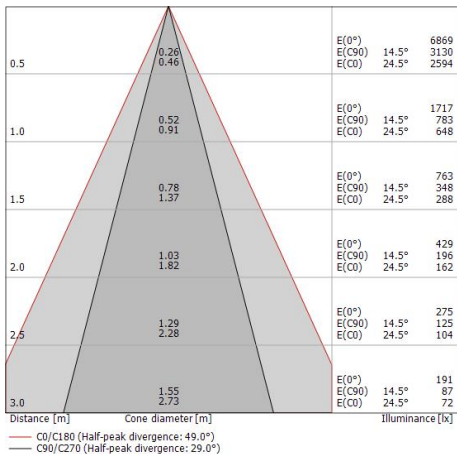
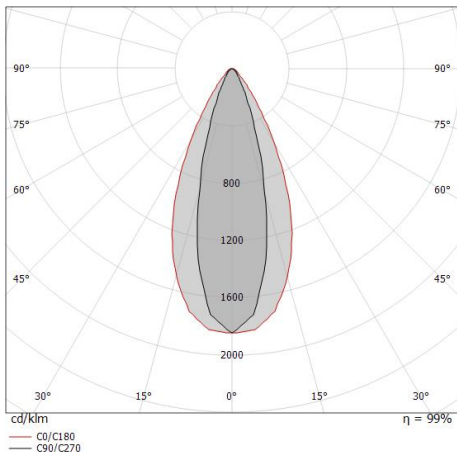
Single emission led strip for outdoor application. The super warm white LED light source with a medium wide flood light distribution is composed of 36 topLEDs with CCT of 2700 K and a CRI 85; the source luminous flux is 2185 lm, with a 99.3 lm/W nominal luminous efficacy.

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 0.29 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 22 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, ceiling or floor-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 2 light sources of energy efficiency class F.

Illuminotechnical Features

Light Output Ratio (LOR)	42 %
Source lumens	2185 lm
Delivered lumens	930 lm
Consumption	11 W
Luminaire efficacy	84 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	85 Ra
Junction temperature (lighting fixture)	80

Standard Operating Ambient Temperature

-20 / +50°C

LED Life / Failure Ratio

L70 B20 C0 72500h (at Tj 115 Ta 25)

UGR

UGR axial	17.9
UGR transversal	20.7
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

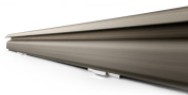
C90/C270 optics	29°
C0/C180 optics	49°
Light distribution simmetry	Symmetrical 2 assis

Rubber 3D Optic



LED Strip | 36 topLED 22 W DC 24 V | 22 W/m | 2185 Lm/m | CRI 85
82216M30

Components

		D-Wave	Code
			<u>77407</u>

Rubber 3D Optic

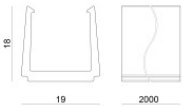
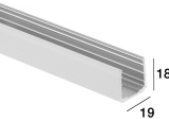


Rubber 3D Optic | LED Strip | Accessories
82216M30



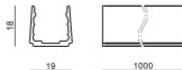
Outer casing - Linear profile in aluminum 19x18x1000mm for Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3d Pixel
installation position: wall lights, ceiling L=1000mm, H=18mm, D=19mm.
Material:Aluminium, colour:Aluminium, processing:Anodisation.

Finish	Code
	99549



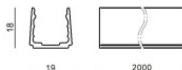
Outer casing - Linear profile in aluminum 19x18x2000mm for Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3D Pixel
installation position: wall lights, ceiling L=2000mm, H=18mm, D=19mm.
Material:Aluminium, colour:Aluminium, processing:Anodisation.

Finish	Code
	82198



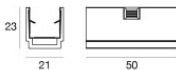
Profile - Black aluminium 18x19 profile 1m for Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3D Pixel
Material:Aluminium, colour:black, processing:Anodisation.

Code
C-K100007



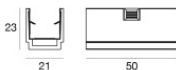
Profile - Black aluminium 18x19 profile 1m for Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3D Pixel
Material:Aluminium, colour:black, processing:Anodisation.

Code
C-K100008



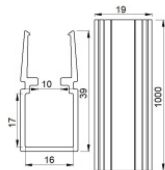
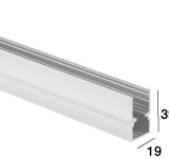
Bracket - Clip with toothed spring - Anodised Aluminium - for Rubber 3D (not for Rubber 3D PROtection)
installation position: wall lights, ceiling L=50mm, H=23mm, D=21mm.
Material:Aluminium, colour:Aluminium, processing:Anodisation.

Finish	Code
	C-F400001



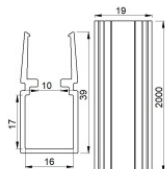
Bracket - Clip with toothed spring - Anodised Black Aluminium - for Rubber 3D (not for Rubber 3D PROtection)
installation position: wall lights, ceiling L=50mm, H=23mm, D=21mm.
Material:Aluminium, colour:black, processing:Anodisation.

Finish	Code
	C-F400002



Outer casing - Linear profile with aluminum cable passage 39x18x1000mm for 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.

Finish	Code
	83034

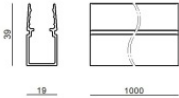
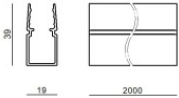
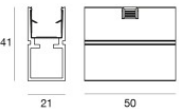
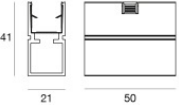
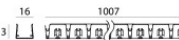
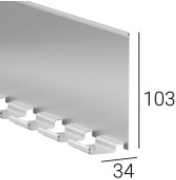
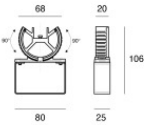
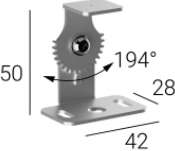


Outer casing - Linear profile with aluminum cable passage 39x18x2000mm for Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3D Pixel
installation position: wall lights, ceiling L=1000mm, H=39mm, D=19mm.
Material:Aluminium, colour:Aluminium, processing:Anodisation.

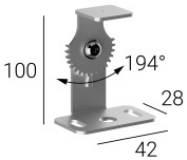
Finish	Code
	82199

Rubber 3D Optic | LED Strip | Accessories

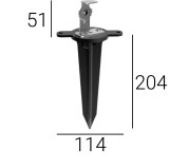
82216M30

		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.	Code C-K100009
		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.	Code C-K100010
		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.	Finish Code C-F400003
		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.	Finish Code C-F400004
		Profile - Flexible profile Material:AISI 304 steel, colour:steel.	Code C-K100011
		Anti-glare - Anti-glare herringbone eyelid Anti-glare Type: eyelid. Material:Aluminium 6060, colour:Anodised Aluminum, processing:20 µm anodizing.	Finish Code C-K100032
		Bag / Fixing kit - TILTING KIT + BRACKET D68X20 - Transparent - for Rubber 3D (not Rubber 3D PROtection)	Code 83352
		Bag / Fixing kit - Wall-mounted tilting kit in AISI 304 steel	Code C-K400168

Rubber 3D Optic | LED Strip | Accessories
82216M30

	Bag / Fixing kit - Wall-mounted tilting kit in AISI 304 steel	Code <u>C-K400169</u>
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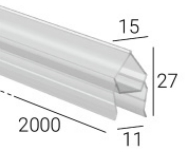
	Bag / Fixing kit - RUBBER PEG + BRACKET RUBBER PEG + BRACKET PEG + BRACKET D114X204 for Rubber 3D, Rubber 3D Concrete, Rubber 3D 48V, Rubber 3D Optic, Rubber 3D Pixel	Code <u>83351</u>
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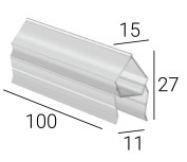
	Bag / Fixing kit - Picket with tilting bracket	Code <u>C-F500004</u>
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	Bag / Fixing kit - Picket with tilting bracket	Code <u>C-F500005</u>
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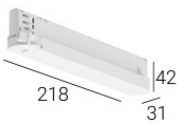
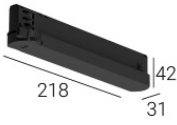
	Closing cap - PU Rubber Material:Silicone, colour:transparent.	Code <u>99539</u>
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	Template	Code <u>C-V200005</u>
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	Profile Material:UV Resistant Polycarbonate, colour:transparent.	Code <u>C-K100021</u>
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	Profile Material:UV Resistant Polycarbonate, colour:transparent.	Code <u>C-K100022</u>
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Rubber 3D Optic | LED Strip | Accessories
82216M30

	Electronic accessory installation position: ceiling L=218mm, H=42mm, D=31mm. Material:ABS Plastic, colour:white.	Code C-E300007
	Electronic accessory installation position: ceiling L=218mm, H=42mm, D=31mm. Material:ABS Plastic, colour:black.	Code C-E300008
 	Cable gland	Code 98990
	Connector	Code 89548
	Strip Service - Double sided tape 33 meters	Code 99520