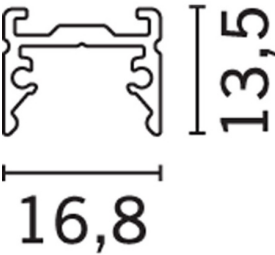


Last information update: September 2024



Product code

MXK8: Low surface linear profile for Ledstrip Top - L=1000

Technical description

Rigid frameless aluminium profile for surface installation (low version); the shape of the profile allows application of all monochrome Ledstrips with front emission LEDs, available in standard version (with adhesive) or tube version (with outer sheath). Finishes available: anodised grey - white. The profile may be completed with a diffuser screen available with two finishes: opal and translucid.

Installation

surface-mounted; direct fixing with screws (not included); the profile has a longitudinal guide to facilitate drilling. For challenging installations, a kit of accessory clips is available (code MXM4 x 5 pcs); with preliminary fixing of the clips using screws, then profile snap-in anchoring on the clips prepared (screws not included). Accessory closing end caps (code MXL7 - kit 2 x 5 pcs).

Colour

White (01) | Aluminium (12)

Weight (Kg)

0.18

Mounting

wall surface|ceiling surface

Wiring

Carefully read the Ledstrip instructions sheet

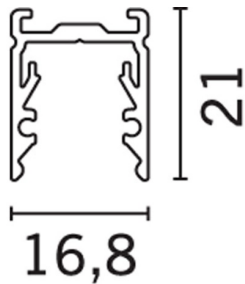
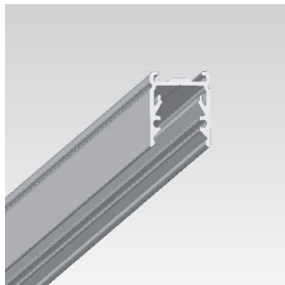
Notes

Carefully read the Ledstrip instructions sheet

Complies with EN60598-1 and pertinent regulations



Last information update: September 2024



Product code

MXL3: High surface linear profile for Ledstrip Top - L=2000

Technical description

Rigid frameless aluminium profile for surface installation (high version); the shape of the profile allows application of all monochrome Ledstrips with front emission LEDs, available in standard version (with adhesive) or tube version (with outer sheath). Finishes available: anodised grey - white. The profile may be completed with a diffuser screen available with two finishes: opal and translucent. The raised section of the profile, coupled with the opal diffuser screen, eliminates the pinpoint effect typical of strips.

Installation

surface-mounted; direct fixing with screws (not included); the profile has a longitudinal guide to facilitate drilling. For challenging installations, a kit of accessory clips is available (code MXM4 x 5 pcs); with preliminary fixing of the clips using screws, then profile snap-in anchoring on the clips prepared (screws not included). Accessory closing end caps (code MXL9 - kit 2 x 5 pcs).

Colour

White (01) | Aluminium (12)

Weight (Kg)

0.51

Mounting

wall surface|ceiling surface

Wiring

Carefully read the Ledstrip instructions sheet

Notes

Carefully read the Ledstrip instructions sheet

Complies with EN60598-1 and pertinent regulations



Last information update: April 2024



Product code
MWG1: Rigid aluminum channel

Technical description
kit for securely fixing the flexible strips; the pack contains 5 rigid supports made of aluminium profiles 1000 mm long, with steel clips for fixing to surfaces and plastic fasteners for securing the strips on the profiles

Installation
fix the steel clips (screws not included) to the surface then insert the profiles; the strip inserted along the profiles is locked in position by the snap-on fasteners supplied

Colour
Aluminium (12)

Weight (Kg)
0.61

Complies with EN60598-1 and pertinent regulations

Last information update: April 2024



Product code

MWG2: Installation clips kit

Technical description

kit for securely fixing flexible strips; the pack contains 10 clips made of plastic, easily applied to surfaces

Installation

fix the clips to the surface using screws (not included); fast, secure, reusable strip locking system

Colour

White (01)

Weight (Kg)

0

Complies with EN60598-1 and pertinent regulations

Last information update: November 2024



Product code

MXM3: Translucent diffuser screen - L=2000

Technical description

Specific translucent polycarbonate diffuser screen for Underscore profiles for monochrome Ledstrip.

Installation

snap-in on profile

Colour

Clear and satin (21)

Weight (Kg)

0.09

Notes

TPb rated. TPa version available on request, contact iGuzzini for more info

Complies with EN60598-1 and pertinent regulations

Last information update: November 2024



Product code
MXM2: Translucent diffuser screen - L=1000

Technical description
Specific translucent polycarbonate diffuser screen for Underscore profiles for monochrome Ledstrip.

Installation
snap-in on profile

Colour
Clear and satin (21)

Weight (Kg)
0.04

Notes
TPb rated. TPa version available on request, contact iGuzzini for more info

Complies with EN60598-1 and pertinent regulations

Last information update: November 2024



Product code
MXM1: Opal diffuser screen - L=2000

Technical description
Specific opal polycarbonate diffuser screen for Underscore profiles for monochrome Ledstrip. The diffuser finish, combined with the high profiles, softens the pinpoint effect typical of strips.

Installation
snap-in on profile

Colour	Weight (Kg)
Opaline (38)	0.09

Notes
TPb rated. TPa version available on request, contact iGuzzini for more info

Complies with EN60598-1 and pertinent regulations

Last information update: November 2024



Product code
MXM0: Opal diffuser screen - L=1000

Technical description
Specific opal polycarbonate diffuser screen for Underscore profiles for monochrome Ledstrip. The diffuser finish, combined with the high profiles, softens the pinpoint effect typical of strips.

Installation
snap-in on profile

Colour	Weight (Kg)
Opaline (38)	0.04

Notes
TPb rated. TPa version available on request, contact iGuzzini for more info

Complies with EN60598-1 and pertinent regulations

Last information update: February 2025

Product configuration: M251+LENGTH4

M251: flexible strip - 5m - LED blanco

LENGTH4: Length (m) - 4m

**Product code**

M251: flexible strip - 5m - LED blanco

Technical description

Product for linear lighting - with white monochrome LEDs - made on a white flexible circuit coated with a layer of silicone; the silicone protection guarantees IP65 protection for the uncut strip. The ends of the circuits are fitted with connectors with IP20 protection, therefore we recommend that the strips be used indoors. Supplied in 5-metre long coils wound on suitable supports; the pack includes a connections kit for in line or power supply connections. The back of the circuit is coated with adhesive for rapid application; mounting accessories are available for less simple installations. The strip can be cut at a centre-to-centre distance of 50 mm (minimum 3 LEDs); if intermediate cuts are made, ensure that the cut ends are carefully sealed. LED features: white 4000K colour (the value is an indication only and may vary slightly) - 60 LEDs/m - flare angle 120° - 24W total - power supply 12V - a maximum of 2 coils can be connected in line. Ballasts to be ordered separately

Installation

rapid installation with adhesive; clips are available for added fixing guarantees (code MWG2: 10 pieces) and rigid aluminium supports (code MWG1: 5 pieces x 1m)

Colour

White (01)

Weight (Kg)

0.21

Mounting

wall arm

Wiring

Constant voltage ballasts to be ordered separately; available for a single coil (code MWF7) or for a maximum of 2 coils in line (code MWF8). Ballast/coil connection with connectors (IP20) included in the pack with the strips

Notes

The connectors grant an IP20 protection, for this reason it is advised the use of strips in internal installations. in case of cuts to the strips it is necessary to restore the sealing with accuracy after having done the connection weldings.

Complies with EN60598-1 and pertinent regulations

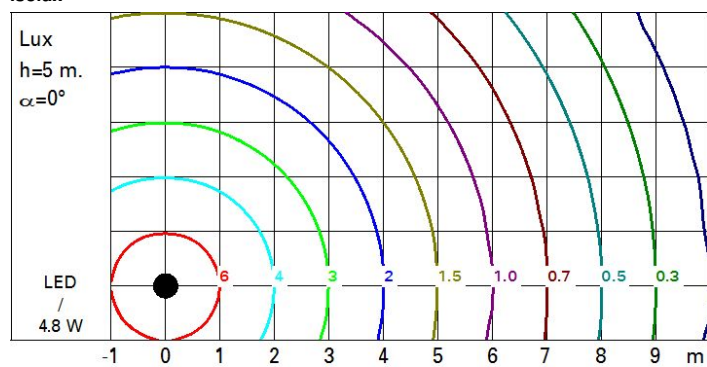
**Technical data**

Im system:	1860	Colour temperature [K]:	4000
W system:	19.2	MacAdam Step:	3
Im source:	465	Life Time LED 1:	> 50,000h - L70 (Ta 25°C)
W source:	4.8	Voltage [Vin]:	12
Luminous efficiency (Im/W, real value):	96.9	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	25	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	100	Number of optical assemblies:	4
CRI (minimum):	80		

Polar

Imax=150 cd		Lux			
90°	180°	h	d	Em	Emax
		1	3.3	83	150
		2	6.6	21	37
		3	9.9	9	17
		4	13.2	5	9
$\alpha = 117^\circ$					

Isolux



Last information update: February 2025

Product configuration: M250+LENGTH4

M250: flexible strip - 5m - LED blanco

LENGTH4: Length (m) - 4m

**Product code**

M250: flexible strip - 5m - LED blanco

Technical description

Product for linear lighting - with white monochrome LEDs - made on a white flexible circuit coated with a layer of silicone; the silicone protection guarantees IP65 protection for the uncut strip. The ends of the circuits are fitted with connectors with IP20 protection, therefore we recommend that the strips be used indoors. Supplied in 5-metre long coils wound on suitable supports; the pack includes a connections kit for in line or power supply connections. The back of the circuit is coated with adhesive for rapid application; mounting accessories are available for less simple installations. The strip can be cut at a centre-to-centre distance of 50 mm (minimum 3 LEDs); if intermediate cuts are made, ensure that the cut ends are carefully sealed. LED features: white 3000K colour (the value is an indication only and may vary slightly) - 60 LEDs/m - flare angle 120° - 24W total - power supply 12V - a maximum of 2 coils can be connected in line. Ballasts to be ordered separately

Installation

rapid installation with adhesive; clips are available for added fixing guarantees (code MWG2: 10 pieces) and rigid aluminium supports (code MWG1: 5 pieces x 1 m)

Colour
White (01)**Weight (Kg)**
0.21**Mounting**
wall arm**Wiring**

Constant voltage ballasts to be ordered separately; available for a single coil (code MWF7) or for a maximum of 2 coils in line (code MWF8) the in-series connection is possible up to 10 m (2 coils) allowing for any differences in luminosity on the line. Ballast/coil connection with connectors (IP20) included in the pack with the strips

Notes

The connectors grant an IP20 protection, for this reason it is advised the use of strips in internal installations. in case of cuts to the strips it is necessary to restore the sealing with accuracy after having done the connection weldings.

Complies with EN60598-1 and pertinent regulations

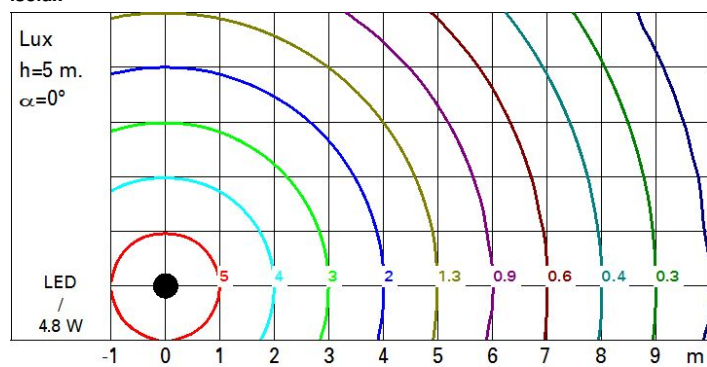
**Technical data**

lm system:	1700	Colour temperature [K]:	3000
W system:	19.2	MacAdam Step:	3
lm source:	425	Life Time LED 1:	> 50,000h - L70 (Ta 25°C)
W source:	4.8	Voltage [Vin]:	12
Luminous efficiency (lm/W, real value):	88.5	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	22	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	100	Number of optical assemblies:	4
CRI (minimum):	80		

Polar

Imax=137 cd		Lux			
90°	180°	90°	h	d	Em Emax
			1	3.3	76 137
			2	6.6	19 34
			3	9.9	8 15
			4	13.2	5 9
$\alpha = 117^\circ$					

Isolux



Last information update: November 2024

Product configuration: M249+LENGTH4

M249: flexible strip - 5m - LED White

LENGTH4: Length (m) - 4m

**Product code**

M249: flexible strip - 5m - LED White

Technical description

Product for linear lighting - with white monochrome LEDs - made on a white flexible circuit coated with a layer of silicone; the silicone protection guarantees IP65 protection for the uncut strip. The ends of the circuits are fitted with connectors with IP20 protection, therefore we recommend that the strips be used indoors. Supplied in 5-metre long coils wound on suitable supports; the pack includes a connections kit for in line or power supply connections. The back of the circuit is coated with adhesive for rapid application; mounting accessories are available for less simple installations. The strip can be cut at a centre-to-centre distance of 50 mm (minimum 3 LEDs); if intermediate cuts are made, ensure that the cut ends are carefully sealed. LED features: white - 60 LEDs/m - flare angle 120° - 24W total - power supply 12V - a maximum of 2 coils can be connected in line. Ballasts to be ordered separately

Installation

rapid installation with adhesive; clips are available for added fixing guarantees (code MWG2: 10 pieces) and rigid aluminium supports (code MWG1: 5 pieces x 1 m)

Colour

White (01)

Weight (Kg)

0.21

Mounting

wall surface

Wiring

Constant voltage ballasts to be ordered separately; available for a single coil (code MWF7) or for a maximum of 2 coils in line (code MWF8) the in-series connection is possible up to 10 m (2 coils) allowing for any differences in luminosity on the line. Ballast/coil connection with connectors (IP20) included in the pack with the strips

Notes

The connectors grant an IP20 protection, for this reason it is advised the use of strips in internal installations. in case of cuts to the strips it is necessary to restore the sealing with accuracy after having done the connection weldings.

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system: 1620

W system: 19.2

lm source: 405

W source: 4.8

Luminous efficiency (lm/W, real value): 84.4

lm in emergency mode: -

Total light flux at or above an angle of 90° [Lm]: 21

Light Output Ratio (L.O.R.) [%]: 100

CRI (minimum): 80

Colour temperature [K]: 2700

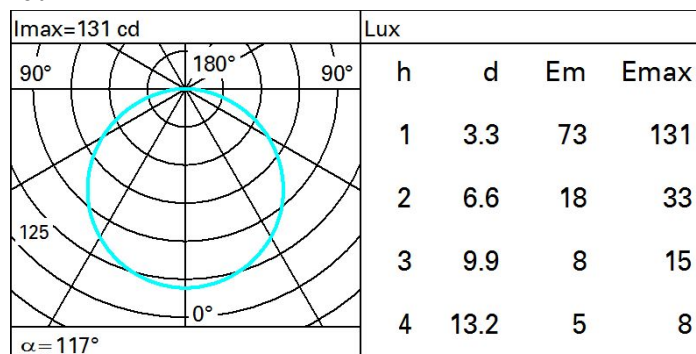
MacAdam Step: 3

Lamp code: LED

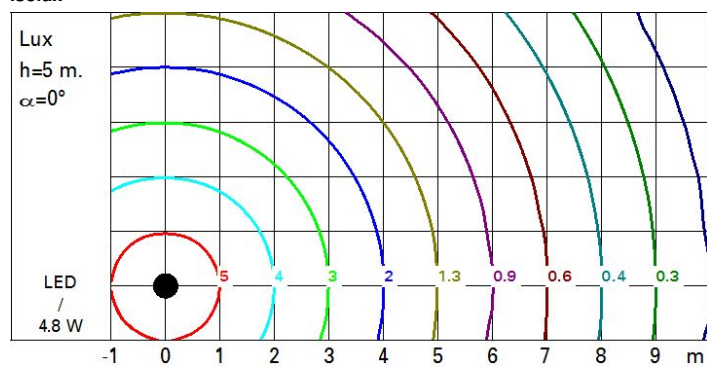
Number of lamps for optical assembly: 1

ZVEI Code: LED

Number of optical assemblies: 4

Polar

Isolux



Last information update: February 2025

Product configuration: N176.01+LENGTH4

N176.01: flexible strip - 5m - White LED - 19.2W 2100lm (1.0 m) - 4000K - White
 LENGTH4: Length (m) - 4m

**Product code**

N176.01: flexible strip - 5m - White LED - 19.2W 2100lm (1.0 m) - 4000K - White

Technical description

Linear lighting product - with white monochromatic LED - made on silicone-covered white flexible circuit. External protection in clear PVC sheath with end caps. The silicone protection ensures IP65 protection degree for strips with integral length (not cut). The circuit ends are provided with IP20 connectors, therefore the installer is responsible for completing the insulation operations. The product is supplied in 5 metre coils wrapped around special supports; supplied with connection kit for connections in line or power supply. The back of the circuit is provided with adhesive for quick application; mounting accessories are available for more difficult installations. The strips can be cut at predefined distances of 125 mm (minimum 7 LEDs); in case of intermediate cuts use the end caps supplied and the cut ends must be sealed carefully to restore the protection conditions. LED characteristics: white 4000K (the value is indicative and subject to changes) - 56 LED/m - opening angle 120° - 96W total - power supply 24V. Control gears ordered separately

Installation

fixing kit: clips (code MWG2: 10 items) and rigid aluminium support (code MWG1: 5 items x 1 m). The strip is configured for being combined with all Underscore 15 profiles.

Colour
 White (01)

Weight (Kg)
 0.21

Mounting

wall surface|ceiling surface

Wiring

Constant voltage ballast ordered separately; available for single coil (ON-OFF code MZ14 / DALI dimmable code MZ15). Power supply / coil connections with connectors (IP20) included with the strip

Notes

To ensure correct heat dissipation, the strip should be used in conjunction with the available profiles. The connectors supplied guarantee a protection degree IP20. If the strips are cut (in the special zones) restore the seal thoroughly after having performed the connecting soldering

Complies with EN60598-1 and pertinent regulations

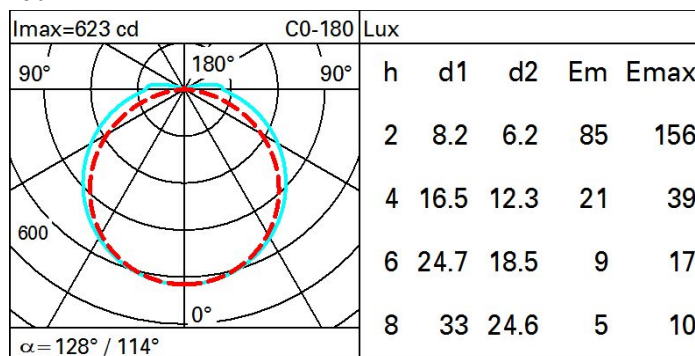


IP20

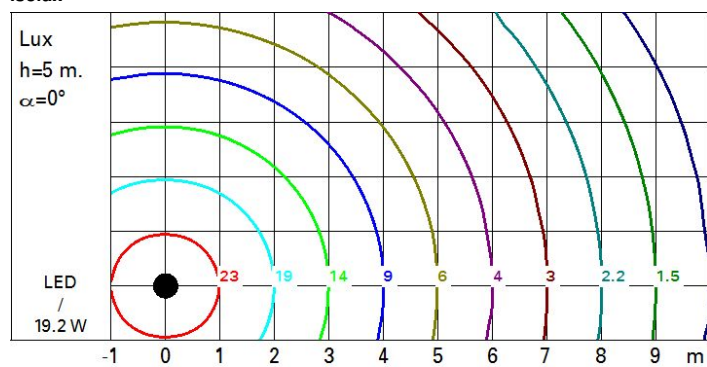
IP65

if the strip
is uncut**Technical data**

lm system:	8400	Colour temperature [K]:	4000
W system:	76.8	MacAdam Step:	3
lm source:	2100	Life Time LED 1:	> 50,000h - L70 (Ta 25°C)
W source:	19.2	Voltage [Vin]:	24
Luminous efficiency (lm/W, real value):	109.4	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	327	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	100	Number of optical assemblies:	4
CRI (minimum):	80		

Polar

Isolux



Last information update: February 2025

Product configuration: N173.01+LENGTH4

N173.01: Flexible strip - 5m - white LEDs. - 14.4W 1500lm (1.0 m) - 3000K - CRI 90 - White
 LENGTH4: Length (m) - 4m

**Product code**

N173.01: Flexible strip - 5m - white LEDs. - 14.4W 1500lm (1.0 m) - 3000K - CRI 90 - White

Technical description

Product for linear lighting – fitted with monochromatic white LEDs with high colour rendering – assembled on white flexible circuit; transparent silicone sheath outer protection with end caps. IP65 protection rating for the full-length strip (undivided). The circuit ends include connectors with IP20 protection rating, therefore the installer is responsible for adapting the insulation level of the connectors. Supplied in 5-metre coils wound on special supports; supplied with a connection kit for connections in line or to power supply. The strip can be cut into 125mm-long sections; in case of intermediate cuts, ensure that the cut ends are carefully sealed so that the original protection conditions are restored. LED characteristics: White 3000K - CRI 90 - SDCM 3 - 56 LEDs/m - 112° beam angle - 72 W in total - 24V power supply. Control gears to be ordered separately.

Installation

Fixing kit: clips (code MWG2: 10 pieces) and rigid aluminium support (code MWG1: 5 pieces x 1 m) - The strip is configured for being combined with all Underscore 15 profiles.

Colour
 White (01)

Weight (Kg)
 0.21

Mounting

wall arm|ceiling surface

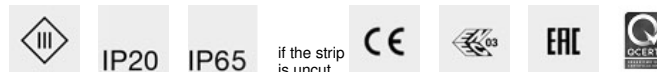
Wiring

Constant voltage ballast ordered separately; available for single coil (ON-OFF code MZ14 / DALI dimmable code MZ15). The control gear and coil are connected through connectors (IP20) supplied with the strip package.

Notes

To ensure correct heat dissipation, the strip should be used in conjunction with the available profiles. The relevant connectors guarantee an IP20 protection rating. If the strip is cut (at the configured points), ensure that the various parts are carefully sealed once they have been joined together.

Complies with EN60598-1 and pertinent regulations

**Technical data**

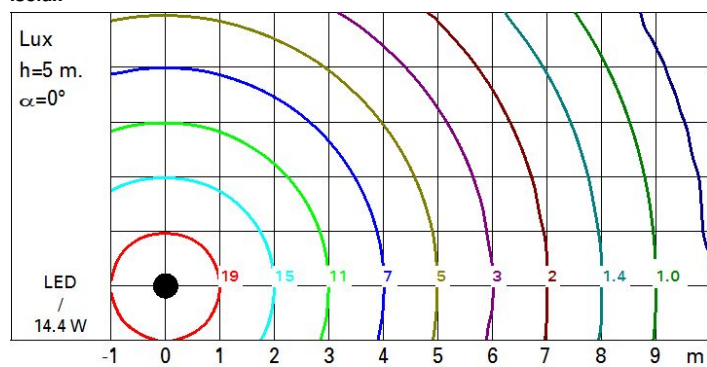
Im system:	6000	Colour temperature [K]:	3000
W system:	57.6	MacAdam Step:	3
Im source:	1500	Life Time LED 1:	> 50,000h - L70 (Ta 25°C)
W source:	14.4	Voltage [Vin]:	24
Luminous efficiency (Im/W, real value):	104.2	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	253	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	100	Number of optical assemblies:	4
CRI (minimum):	90		

Polar

Imax=522 cd		C0-180		Lux	
h	d1	d2	Em	Emax	
2	6	5.7	75	130	
4	11.9	11.4	19	33	
6	17.9	17.1	8	14	
8	23.8	22.9	5	8	

$\alpha = 112^\circ / 110^\circ$

Isolux



Last information update: February 2025

Product configuration: N178.01+LENGTH5

N178.01: Flexible strip - 5m - white LEDs. - 19.2W 1980lm (1.0 m) - 3000K - CRI 90 - White
 LENGTH5: Length (m) - 5m

**Product code**

N178.01: Flexible strip - 5m - white LEDs. - 19.2W 1980lm (1.0 m) - 3000K - CRI 90 - White

Technical description

Product for linear lighting – fitted with monochromatic white LEDs with high colour rendering – assembled on white flexible circuit; transparent silicone sheath outer protection with end caps. IP65 protection rating for the full-length strip (undivided). The circuit ends include connectors with IP20 protection rating, therefore the installer is responsible for adapting the insulation level of the connectors. Supplied in 5-metre coils wound on special supports; supplied with a connection kit for connections in line or to power supply. The strip can be cut into 125mm-long sections; in case of intermediate cuts, ensure that the cut ends are carefully sealed so that the original protection conditions are restored. LED characteristics: White 3000K - CRI 90 - SDCM 3 - 56 LEDs/m - 112° beam angle - 96 W in total - 24V power supply. Control gears to be ordered separately.

Installation

Fixing kit: clips (code MWG2: 10 pieces) and rigid aluminium support (code MWG1: 5 pieces x 1 m) - The strip is configured for being combined with all Underscore 15 profiles.

Colour
 White (01)

Weight (Kg)
 0.21

Mounting

wall arm|ceiling surface

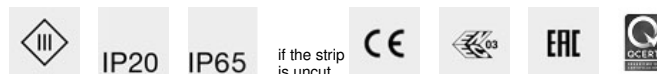
Wiring

Constant voltage ballast ordered separately; available for single coil (ON-OFF code MZ14 / DALI dimmable code MZ15). The control gear and coil are connected through connectors (IP20) supplied with the strip package.

Notes

To ensure correct heat dissipation, the strip should be used in conjunction with the available profiles. The relevant connectors guarantee an IP20 protection rating. If the strip is cut (at the configured points), ensure that the various parts are carefully sealed once they have been joined together.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	9900	Colour temperature [K]:	3000
W system:	96	MacAdam Step:	3
Im source:	1980	Life Time LED 1:	> 50,000h - L70 (Ta 25°C)
W source:	19.2	Voltage [Vin]:	24
Luminous efficiency (Im/W, real value):	103.1	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	418	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	100	Number of optical assemblies:	5
CRI (minimum):	90		

Polar

Imax=684 cd		Lux				
90°	180°	90°	h	d	Em	Emax
750	0°		2	5.9	99	171
			4	11.8	25	43
			6	17.7	11	19
			8	23.6	6	11
α=112°						

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