

Accessories and components





OUTERCASE colors



RAL color



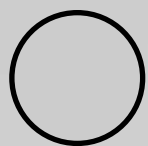
white



black



transparent



opal

RESIN colors

red



green



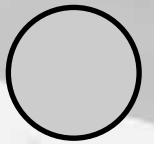
blue



transparent



frost

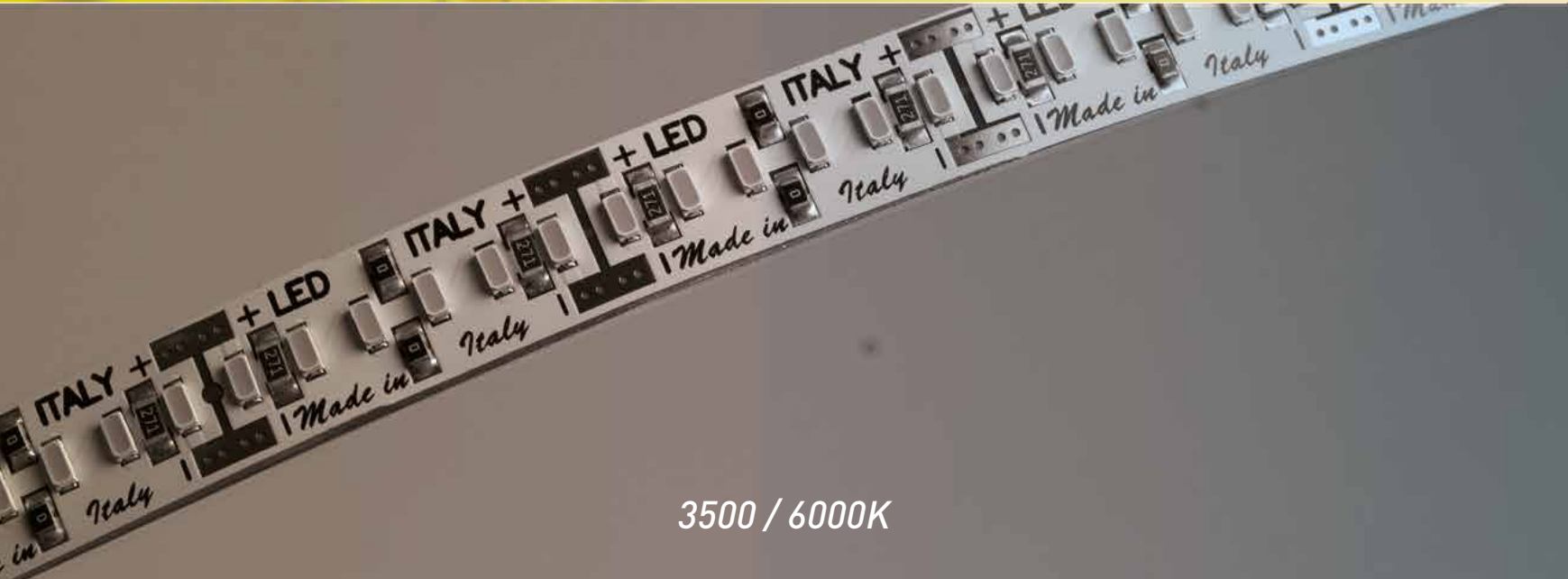




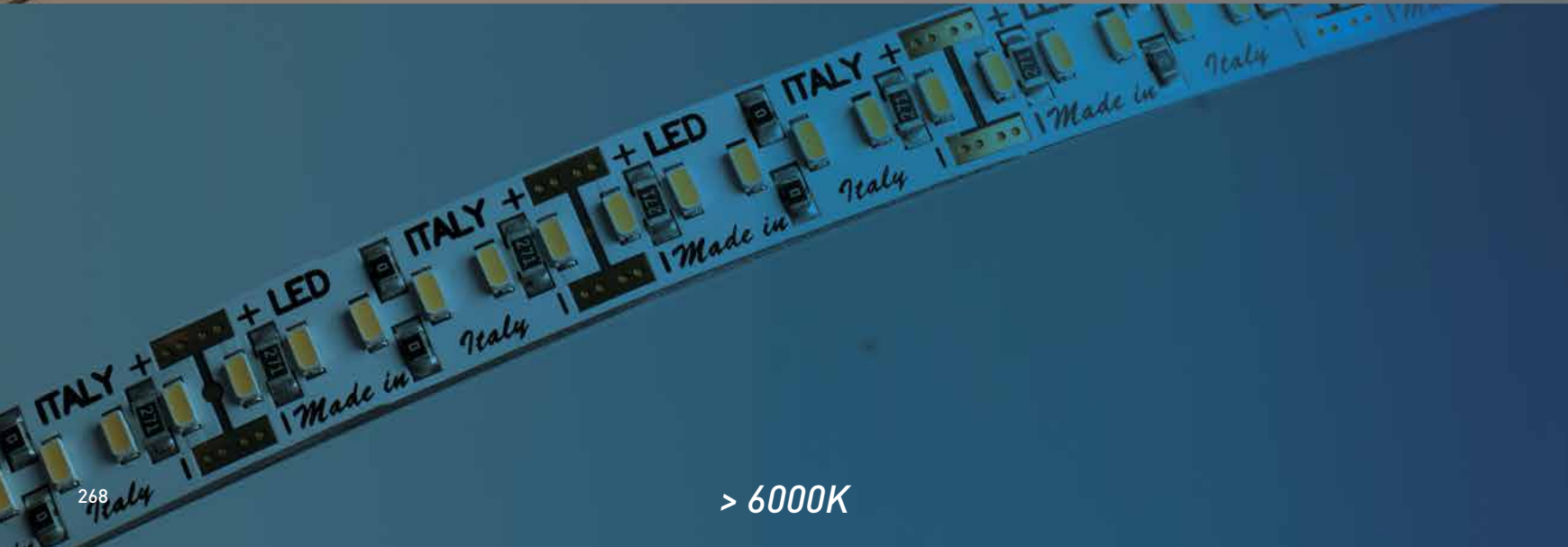
1000 / 2700K



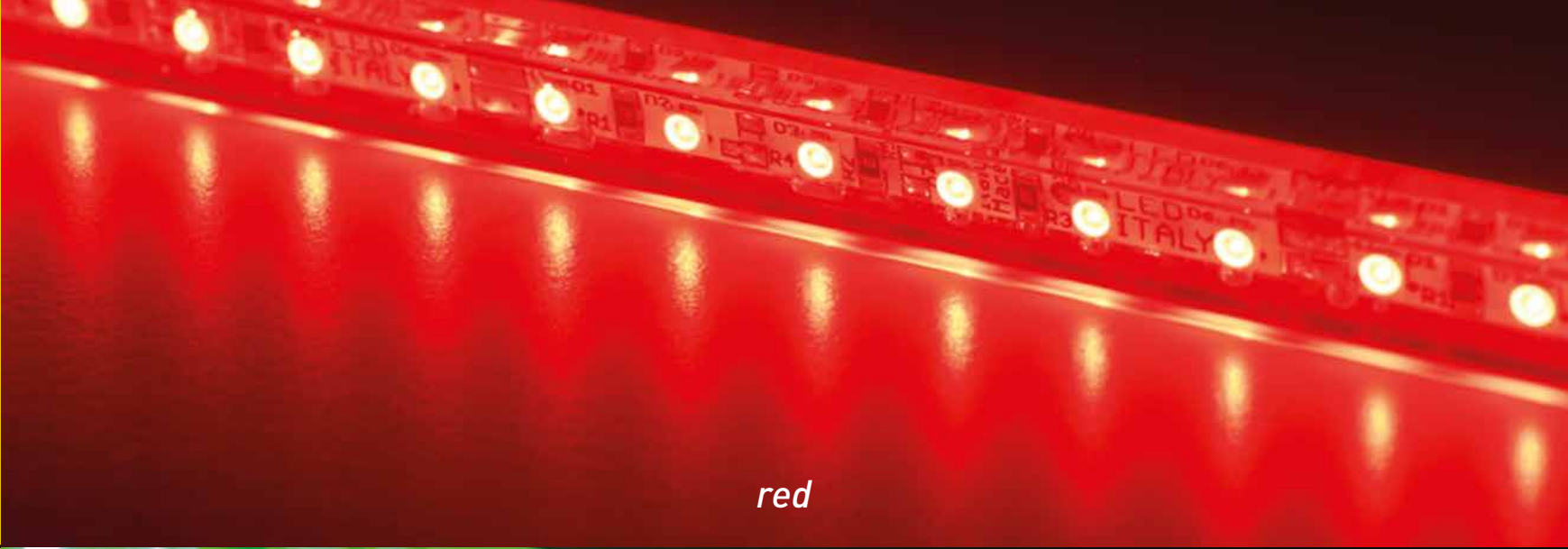
2700 / 3500K



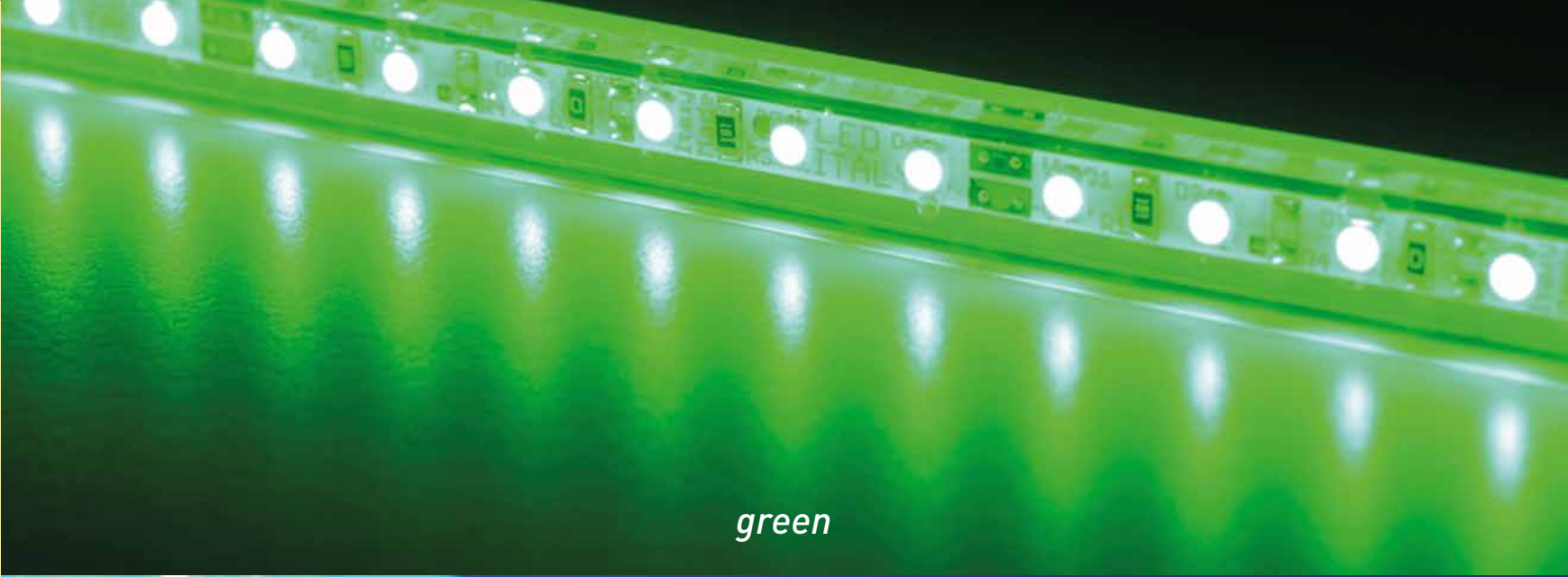
3500 / 6000K



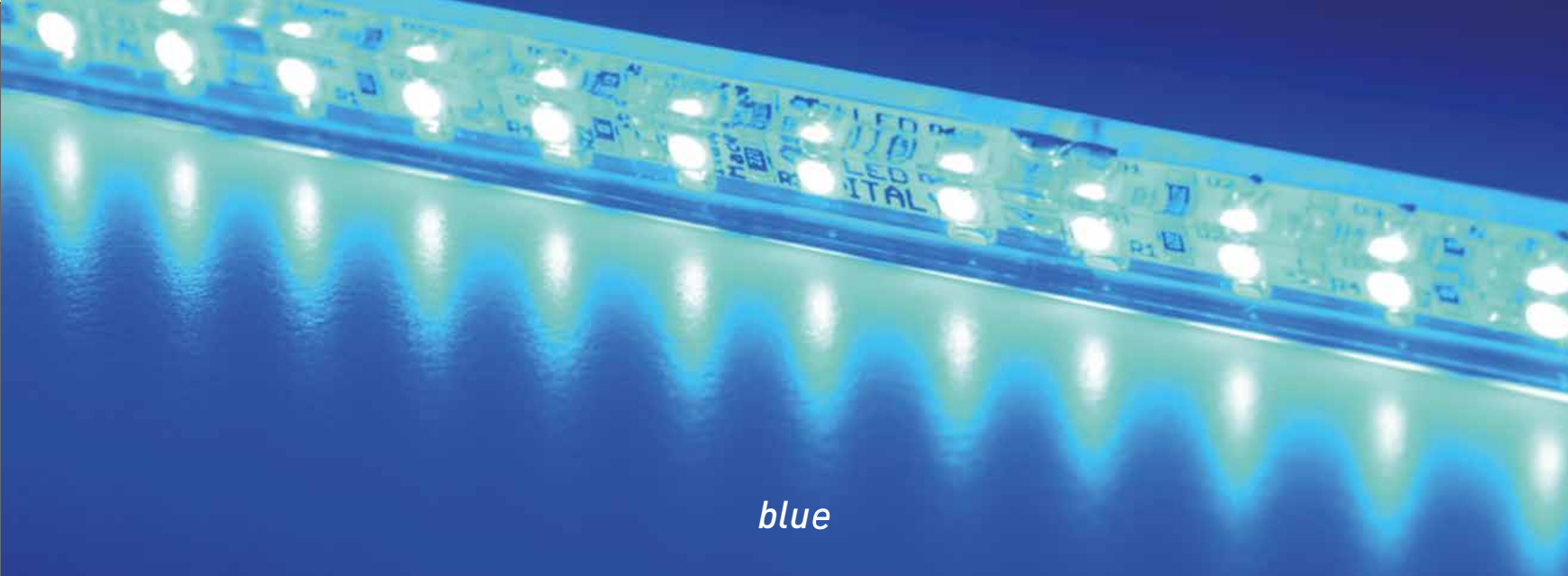
> 6000K



red



green

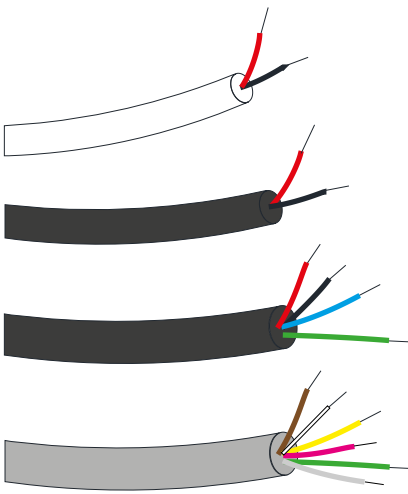


blue



amber

Power cable type / **OUTDOOR USE**



Code	Description
CABLEIP65-A	PVC outdoor power cable. White. IP65. 0.08x0.02in ² . External Ø0.16". <i>Compatible for all models except RGB / Tunable white.</i>
Code	Description
CABLEIP68-2	Water immersion and outdoor power cable. Black. [*] IP68. 0.08x0.02in ² . External Ø0.21". <i>Compatible for all models except RGB / Tunable white.</i>
Code	Description
CABLEIP68-4	Water immersion and outdoor power cable. Black. [*] IP68. 0.16x0.02in ² . External Ø0.23". <i>Compatible for all models RGB / Tunable white.</i>
Code	Description
CABLEIP68-G	Water immersion and outdoor power cable. Grey. IP68. 0.24x0.02in ² . External Ø0.26". <i>Compatible for all RGBW models.</i>

* 0.08x0.04in² and 0.16x0.04in² available on demand.

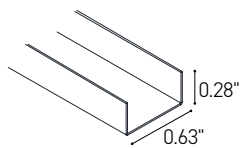
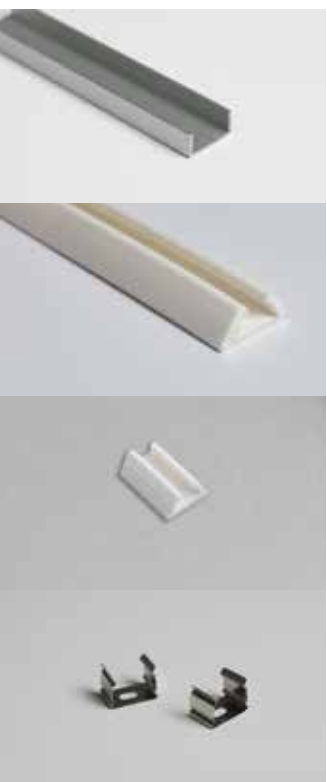
Connection accessories / **OUTDOOR USE**



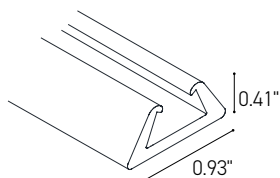
Code	Description
THB.381.A2A.R	Micro plug and socket connector. 2PIN. male+female. IP68. Ø0.55" x 3.54". <i>Compatible for all models except RGB, RGBW and Tunable white.</i>
Code	Description
THB.387.A4A.L.R	Micro plug and socket connector. 4PIN. male+female. IP68. Ø0.91" x 4.45". <i>Compatible for all models except RGBW.</i>
Code	Description
THB.391.A4A.L.R	Mini In-line circular joint connector. 4PIN. male+female. IP68. Ø0.91" x 3.74". <i>Compatible for all models except RGBW.</i>
Code	Description
THB.391.A5A.L.R	Mini In-line circular joint connector. 4PIN. male+female. IP68. Ø0.91" x 3.74". <i>Compatible for all models.</i>
Code	Description
THB.402.D4A.R	Connector type "T". 4PIN. IP68. Ø1.26" x 3.58" x 4.76". <i>Compatible for all models except RGBW.</i>
Code	Description
THB.390.C1A	Connector type "T". 3PIN. IP68. Ø1.26" x 3.62" x 2.87". <i>Compatible for all models except RGB and RGBW.</i>
Code	Description
THB.399.D4E	Connector type "Y". 4PIN. IP68. Ø1.26" x 2.48" x 7.09". <i>Compatible for all models except RGBW.</i>
Code	Description
THB.392.A4A	Connector type "H". 4PIN. IP68. Ø1.10" x 2.13" x 3.15". <i>Compatible for all models except RGBW.</i>
Code	Description
THB.209.A4A	Junction box type "H". 4PIN. IP68. 4.25" x 2.56" x 1.10". <i>Compatible for all models except RGBW.</i>

Other models available on www.techno.it

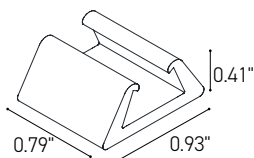
EASY LINE / Mounting accessories / 0.55" x 0.26"



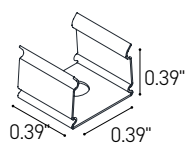
Code	Finishing	Description
PRO-AL-14x6.5-AL	Aluminum	Rigid outercase L max 9.84'



Code	Finishing	Description
OUT-S-14x6.5.F OUT-S-14x6.5.W	Opal White	Silicone outercase L max 32.81'

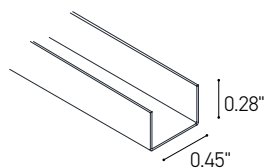
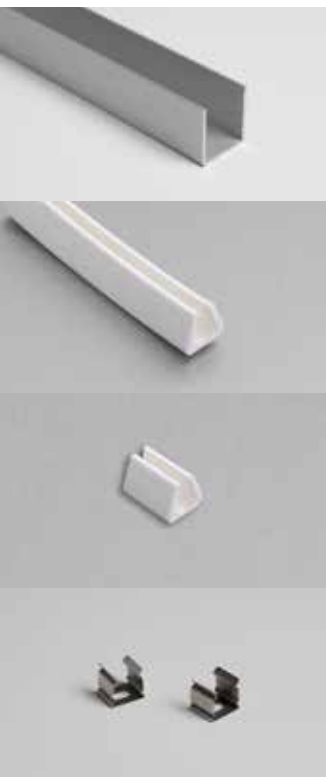


Code	Finishing	Description
CLIP-S-14x6.5.F CLIP-S-14x6.5.W	Opal White	Silicone clip

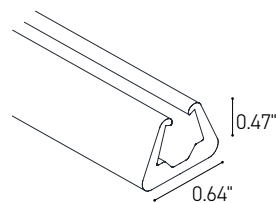


Code	Finishing	Description
CLIP-AC-14x6.5-AC	Harmonic steel <i>AISI 304</i>	Harmonic steel clip

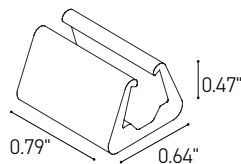
EASY LINE / Mounting accessories / 0.35" x 0.26"



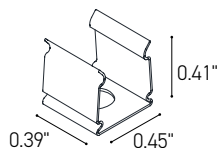
Code	Finishing	Description
PRO-AL-9.5x6.5-AL	Aluminum	Rigid outercase L max 9.84'



Code	Finishing	Description
OUT-S-9.5x6.5.F OUT-S-9.5x6.5.W	Opal White	Silicone outercase L max 32.81'

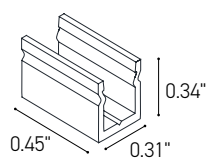


Code	Finishing	Description
CLIP-S-9.5x6.5.F CLIP-S-9.5x6.5.W	Opal White	Silicone clip



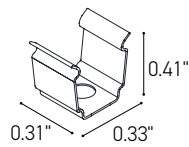
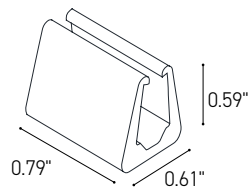
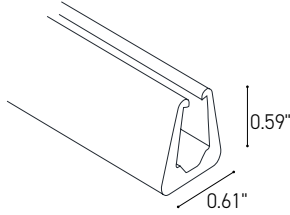
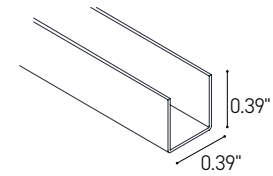
Code	Finishing	Description
CLIP-AC-9.5x6.5-AC	Harmonic steel <i>AISI 304</i>	Harmonic steel clip

TINY LINE / Mounting accessories



Code	Finishing	Description
CLIP-AL-6x12-AL	Aluminum	Aluminum clip

MINI LINE / Mounting accessories



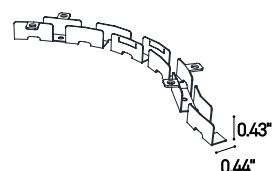
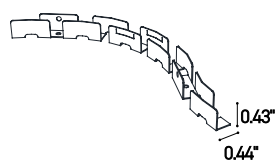
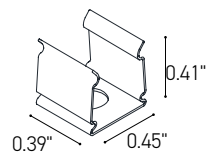
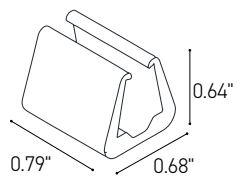
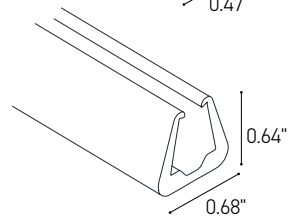
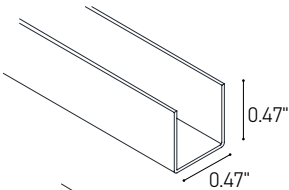
Code	Finishing	Description
PRO-AL-8x9.5-AL	Aluminum	Rigid outercase L max 9.84'

Code	Finishing	Description
OUT-S-8x9.5.F OUT-S-8x9.5.W	Opal White	Silicone outercase L max 32.81'

Code	Finishing	Description
CLIP-S-8x9.5.F CLIP-S-8x9.5.W	Opal White	Silicone clip

Code	Finishing	Description
CLIP-AC-8x9.5-AC	Harmonic steel <i>AISI 304</i>	Harmonic steel clip

MIDI LINE / Mounting accessories



Code	Finishing	Description
PRO-AL-10x11-AL	Aluminum	Rigid outercase L max 9.84'

Code	Finishing	Description
OUT-S-10x11.F OUT-S-10x11.W	Opal White	Silicone outercase L max 32.81'

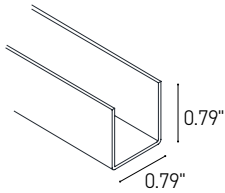
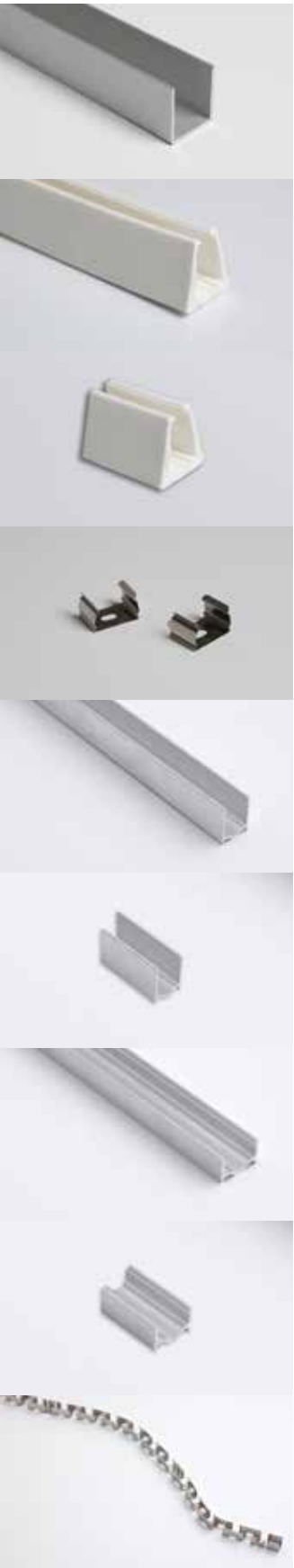
Code	Finishing	Description
CLIP-S-10x11.F CLIP-S-10x11.W	Opal White	Silicone clip

Code	Finishing	Description
CLIP-AC-9.5x6.5-AC	Harmonic steel <i>AISI 304</i>	Harmonic steel clip

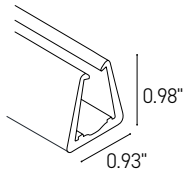
Code	Finishing	Description
SNK-AC-10x11-AC	Harmonic steel <i>AISI 304</i>	Flexible steel profile L max 3.28'

Code	Finishing	Description
SNK2-AC-10x11-AC	Harmonic steel <i>AISI 304</i>	Flexible steel profile for plasterboard L max 3.28'

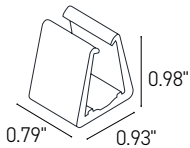
HIGH LINE / Mounting accessories



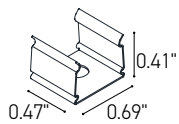
Code	Finishing	Description
PRO-AL-16x19-AL	Aluminum	Rigid outercase L max 9.84'



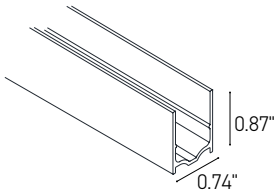
Code	Finishing	Description
OUT-S-16x19-F OUT-S-16x19-W	Opal White	Silicone outercase L max 32.81'



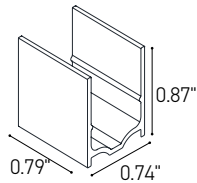
Code	Finishing	Description
CLIP-S-16x19-F CLIP-S-16x19-W	Opal White	Silicone clip



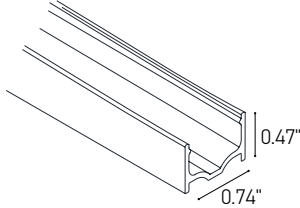
Code	Finishing	Description
CLIP-AC-16x19-AC	Harmonic steel <i>AISI 304</i>	Harmonic steel clip



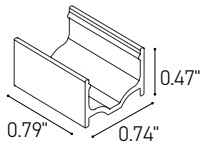
Code	Finishing	Description
PRO1-AL-16x19-AL	Aluminum	Rigid outercase for ceiling installations L max 9.84'



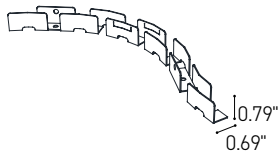
Code	Finishing	Description
CLIP1-AL-16x19-AL	Aluminum	Clip in Aluminum for ceiling installations



Code	Finishing	Description
PRO2-AL-16x19-AL	Aluminum	Rigid outercase for ceiling installations (Total Light) L max 9.84'



Code	Finishing	Description
CLIP2-AL-16x19-AL	Aluminum	Clip in Aluminum for ceiling installations (Total Light)



Code	Finishing	Description
SNK-AC-16x19-AC	Harmonic steel <i>AISI 304</i>	Flexible steel profile L max 3.28'

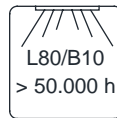
SYMBOLS

Dimmable



All LED strips produced by LED ITALY are compatible with the most common dimming devices on the market.

0-10V potentiometers and DALI and DMX signal dimmers are the main control devices with which it is possible to adjust the light intensity, the white tonality for the tunable white versions and the color management for the RGB, RGBW or RGB DOT versions.

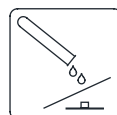


The LED diodes come from primary producers, (NICHIA, OCTALIGHT, PROLIGHT) with a unique BIN Code in compliance with 2/3 MAC ADAM STEPS.

Each type of LED used is declared L80 / B10 = 50,000 hours. This indicates that upon reaching 50,000 hours of use, 90% (B10) of the components have a residual luminous flux equal to or greater than 80% of the initial flow (L80).



LED ITALY products are guaranteed for 5 years from the purchasing data. The warranty covers against all the manufacturing defects. The warranty is valid only when the product is used under its specifications and without any pilfering, breaking, alterations, modifications and uses according to wrong technical directions or set up in inadequate mechanical parts. LED ITALY has the right to verify technically the product to validate the guarantee.



solvents
resistance

All the products of LINEA LUCE FLEX have a strong resistance to the corrosive action of saline agents in outdoor spaces and to corrosive environmental agents. These characteristics make the products particularly suitable in installations with a high level of humidity or exposure to atmospheric agents. The products, subjected to specific tests, have resisted the corrosive action of acids, alcohol and caustic soda.



All the products of LINEA LUCE FLEX are intrinsically waterproof and suitable for use in outdoor spaces, in damp spaces, exposed to the elements and suitable for immersion having passed the homologation tests of the resins that give the product the IP68 rating. An adequate choice between dedicated power cables and accessories in the range allows the product to be used in IP68 applications such as fountains and swimming pools.



salt water
resistance

The products of the LINEA LUCE FLEX can be used both in outdoor environments and in submersion use up to a meter (1 m = 3.28 ft). Exposure to water, even salt and chlorinated, does not cause alterations over time, completely maintaining the functionality of the product. Chlorinated water installations are completed with the use of specific cables suitable for permanent immersion in accordance with EN 50525-2-21 and EN 50363-2-1.



All the products of LINEA LUCE PROFILE have got a special protection processing against UV rays, which guarantees resistance to yellowing over time, avoiding color changes both in the light and in the finishing.



LED ITALY is applicant to ISO 9001-2016 (certificate n° IT280522).

LED ITALY is is certified for the production of its products to 100% Made in Italy (certificate n° IT01.IT/1917.098.V).

REFERENCE STANDARDS

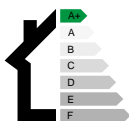
LED ITALY products comply with the following International standards:

- Low voltage directive: 2006/95 / CEE EMC- EN5008-1-1.2004 / 108 / CE, EC 61140, EN 62471, ERP 98 / 1EC, 92 / 75EEC EN55022, EN5008 -2 Directive EMC: 93/68 / CEE 89/336 CEE.

- Annex 2006/95 / CE / 2004/108 / CE: EN 60598-1, EN 60598-2-1 EN 61347-2-12, EN61347-2-13, EN62031, EN632384, EN 55015, EN 61000-3-2 , EN 61000-3-3 EN 61547.

NNote: All strips are low voltage operating on 12-24VDC. Without direct connection to the mains supply, products are therefore inherently Ae as they operate from less than 75VDC as specified in the Low Voltage Directive 72/23/EEC.

ENERGY EFFICIENCY CLASS



LED ITALY products belongs to A+/A++ class refer to Energy Efficiency Class, referred to 98/1EC rules. They are energy-saving products and can be used for specific installations.

The components used on LED ITALY products have been subjected to the following tests:

Type of resins: Transparent (VT 3402 KK NV)
Opal (PU 1305 Opal 0,15%)

Type of support: PVC

DESCRIPTION	NORM	ESECUTION	RESULT
Gloss at 60°	UNI EN ISO 2813	Gloss value at 60°	Compliant
Neutral salt spray	ISO 7253	Exposition 1500 h, purity degree of salt 99,5% NaCl in solution with demineralized water; Electric conductivity < 20 µS/cm, concentration of test solution 50 ± 5 g/l	Checked cracking, blistering or water absorption. Compliant
Humidity chamber	UNI EN ISO 6270	Exposition 1500 h, at 50°C RH>95% in constant saturated atmosphere	No cracks, blistering, softening of the resin layer, no gloss variation or water adsorption. Compliant
Resistance against immersion of the following fluids:			
Swimming pool	N.A.	5 ppm sodium hypochlorite, derived from the hydrolysis of the pool disinfectant (sodium dichloroisocyanurate 56%) approx. pH 7 (obtained with sodium bisulphate hydrolyzed in sulfuric acid)	No softening, colour change or deformation of the resin film. Compliant
Water	ISO 2812 - part 1 method 1	Exposition 250 h at 25°C (77°F)	Resin layer unaffected, no changement or softening. Compliant
Hydrochloric Acid	ISO 2812 - part 1 method 2	Exposition 240 h - sol. 8.5% at 20°C (68°F)	Resin layer unaffected, no absorption, changement or softening. Compliant
Sodium hydroxide	ISO 2812 - part 1 method 2	Exposition 240 h - sol. 20% at 20°C (68°F)	Resin layer unaffected, no absorption, changement or softening. Compliant
Isopropyl alcohol	ISO 2812	Exposition 48 h at 20°C (68°F)	Film slightly modified, no softening, mass alteration (-5-6%)
Stone chipping	ASTM D 3170	Resistance to stone and gravel chipping. ASTM D 3170: ≤7B	Compliant
QUV test	ISO 16474	Exposition 1000h ΔE check	Compliant
Heat Resistance	MS CG-12	Exposition 500 h at 80°C (176°F)	Resin layer unaffected, no deformation, colour changement or softening. Compliant
Resistance to high temperatures	GM 6073	Exposition 1 h at 93°C (199.4°F)	Resin layer unaffected no deformation, color changament or softening. Compliant