

LINEA LUCE **STRIP LED**

collection
2020 / 2021





Led Italy is an Italian company producing lighting and LED components for indoor and outdoor spaces.

Founded in 2009 by Mr. Giuseppe Malivindi, the company has distinguished itself in a few years for a production that has made quality and made in Italy its strengths.

Today, almost ten years after its foundation, the company is a partner in the creation of customized lighting solutions for customers.



Giuseppe Malivindi
CEO





Who we are & What we do

LED ITALY, a company founded in 2009, is a dynamic Italian production company that has made its cornerstones of quality and Made in Italy since its inception.

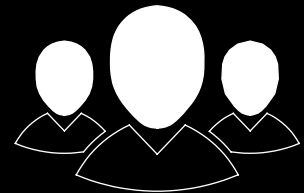
During its ten years of life, the company has established itself in the market thanks to the constant attention paid to new diode light sources, developing products with high technological content and distinguishing itself for the constant attention paid to maintaining a high quality standard of own products.

Its factory is located in Carmagnola, near Turin, an industrial city where the most important industrial groups in the Italian automotive and aerospace sector are based. The opportunities linked to this important industrial center have always characterized our company, enabling us to maintain the entire production cycle locally.



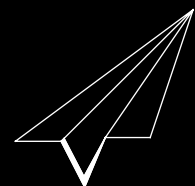
A new concept of lighting

The company's mission aims not just to produce lighting fixtures, but also to imagine and create a new concept and a new way of illuminating by integrating light in even more complex spaces. We want to anticipate the times, with a keen eye for research and development, and do it with the Italian quality that has always distinguished it.

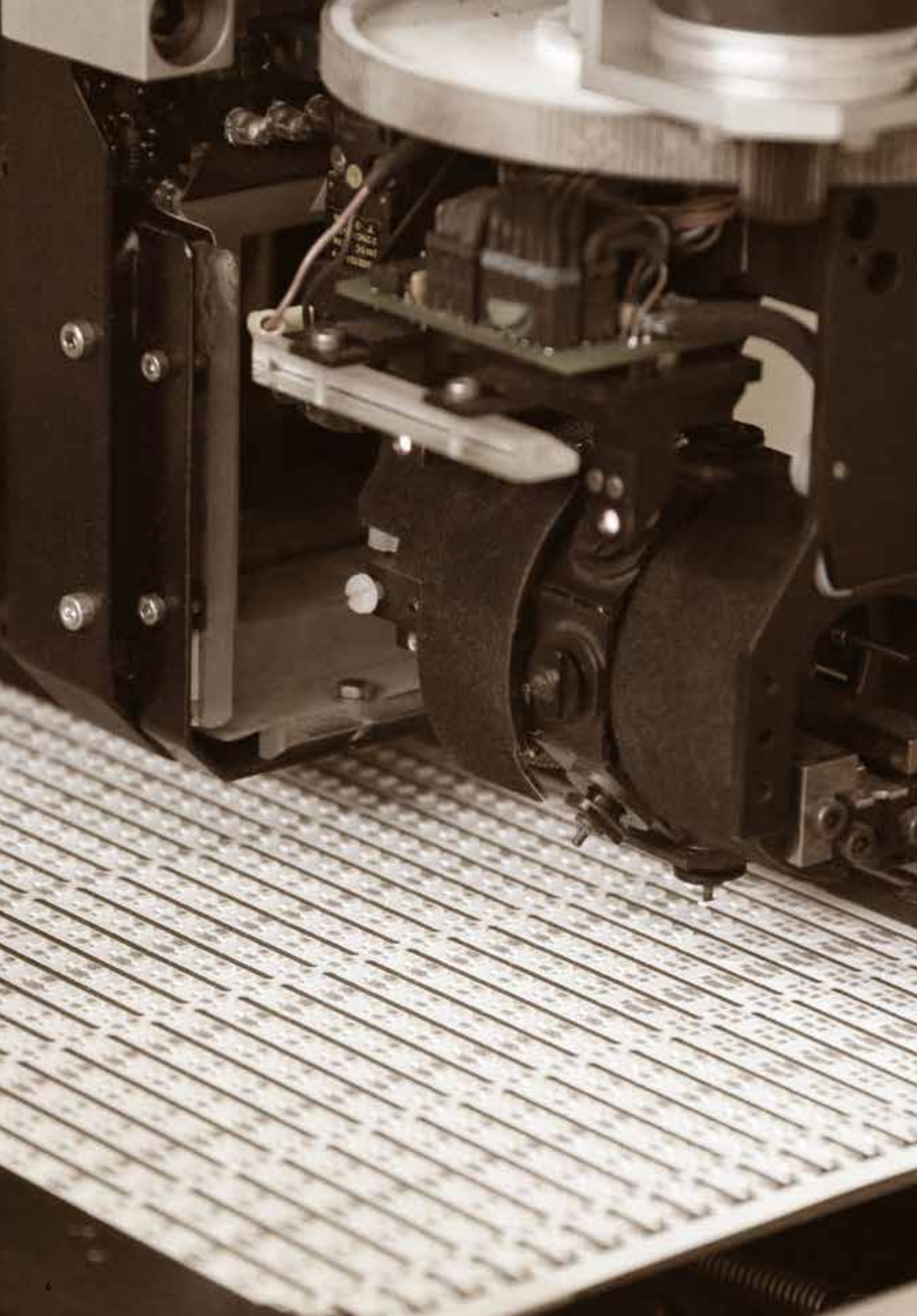


Interaction with architectural elements

Turning light from necessity into solution is our vision. Thanks to our LED lighting products, we want to interact with light, giving it an active and more important role in everyday life. Not just objects but a new concept of LED lighting.







SMD Mounting

The printed circuit boards used in strip manufacturing are equipped with a support in Kapton© polyamide with high torsion resistance.

The double copper coating, optimizing the electrical conductivity allows to create LED strips with important lengths without having voltage drops.

Four automated pick-up and place lines guarantee a high monthly production volume of 15,000 meters with capacity to reach at full capacity up to 30,000 meters per month.

The strict control tests carried out on all finished products, labelled with serial number, allow to identify each specific production batch.

Flexibility

The LED strips of the LINEA LUCE collection, IP20 and IP60, are entirely designed in Italy by our R&D department and made with the best electronic components worldwide.

For our products we only use SMD LED with selected Bin Code, max 2-3 Mac Adam 3 steps, and CRI85 or CRI92 CRI. The standard color temperatures available are warm White 2700K, 3000K, Natural White 4000K and Cold White 5000K, plus the brand-new color temperatures of extra warm white 1800K, 2200K, 2500K.

Some models are available with single emission diodes or dynamic white, RGB, RGBW and dynamic RGB.



lines 6

white

single LED

white

double LED

white

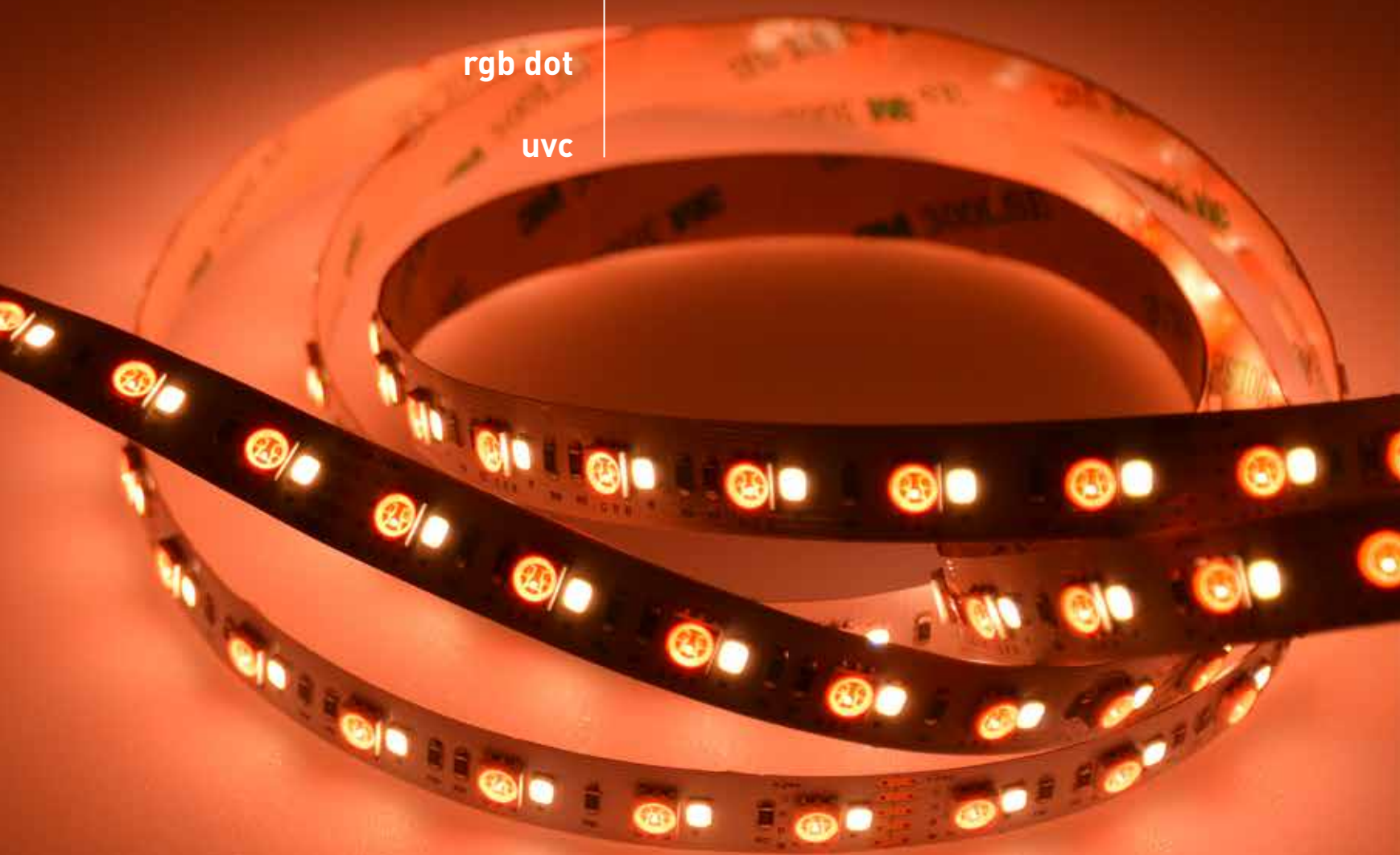
optic LED

tunable white

rgb

rgb dot

uvc



39

LED variants

ISO 9001
BUREAU VERITAS
Certification



Italian

Great attention was also given to the part concerning the company certifications that LED ITALY has acquired. Today the company has an ISO 9001-2015 certified quality management system by the international certification body Bureau Veritas, with the directory number IT280522. The certification obtained 100% Made in Italy production, released in 2018 by the Institute for the protection of Italian producers, also certifying the excellence of our production with original Italian quality.

Quality

The Research and Development department studies, prototypes and verifies each single item that is then included in the catalogue. The office, equipped with a photometer measurement device in the darkroom and specific equipment for lighting engineering analysis, together with electrical, thermal and resistance tests, carries out a very important daily activity providing fundamental data during the testing of new models and, at the same time, it allows a precise verification of the maintenance for a very high quality standard.



Products

Thanks to the synergy between our R&D office and some of our partners, LED ITALY has been able to refine some specific technologies, particularly in the use of polyurethane resins for LED products, allowing the creation of products for linear lighting with the best technical characteristics and quality among the products in the market.



IP60 - Conformal coating

The Conformal Coating is a process finalized to obtaining an IP60 protection rate for LED strips suitable for indoor applications.

Its purpose is to provide protection against various environmental factors, humidity, vapors of various kinds, dirt present in the environment and conductive powders in suspension that can adversely affect the functionality of the LED strip.

The process provides for the dispensing of a transparent protective film, protected against UV radiation, which adheres perfectly to the printed circuit board. All our catalogue models can be available in the IP60 version.



White. Single LED

WHITE / Single LED

At the heart of our Made in Italy production, the flexible single LED strips have been designed to have a diffused light output, optimizing the number of LED meters from 60 to 240 meters according to the specific use.

All equipped with flexible circuit with reduced width are self-dissipating in LINEA LUCE LL3, LL5, LL6, LL8, LL9, LL10, LL24, LL27, LL28 cars, can therefore be installed without the need of a heat sink support.

The models of higher power LL15, LL18, LL19, LL25, LL26, LL29, LL30, capable of high lighting performance, require the coupling through thermal double-sided adhesive included to an adequate dissipating metal profile.

Applications



RESIDENTIAL



WORKPLACE



HOSPITALITY



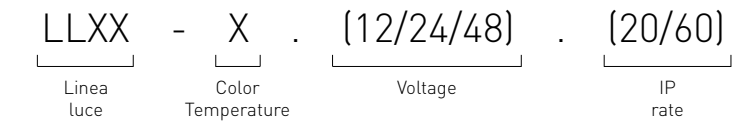
INDOOR SHOP



INDUSTRIAL

| Linea Luce | Available colors | CRI | Voltage [Volt] | LED / m | Efficiency [lm/W] | Power [W/m] | End power cable single [m] double [m] | | Page |
|------------|------------------|-----|----------------|---------|-------------------|-------------|---|----------|---------|
| LL 3 | | 85 | 12 24 | 60 | 105 | 5 | 5 10 | 10 20 | pag. 16 |
| LL 5 | | 85 | 12 24 | 100 | 106 | 6 | 5 10 | 5 20 | pag. 17 |
| LL 6 | | 85 | 12 24 | 120 | 112 | 8 | 5 10 | 5 20 | pag. 18 |
| LL 9 | | 85 | 24 48 | 204 | 111 | 8 | 7 14 | 14 28 | pag. 19 |
| LL 10 | | 85 | 24 48 | 204 | 120 | 11 | 6 12 | 12 24 | pag. 20 |
| LL 12 | | 85 | 12 24 | 240 | 120 | 13 | 2.5 5 | 5 10 | pag. 21 |
| LL 15 | | 85 | 24 48 | 204 | 101 | 16 | 5 10 | 10 20 | pag. 22 |
| LL 18 | | 85 | 12 24 | 240 | 113 | 18 | 2 4 | 4 8 | pag. 23 |
| LL 19 | | 85 | 12 24 | 240 | 107 | 24 | 2 4 | 4 8 | pag. 24 |
| LL 24 | | 85 | 24 | 78 | 114 | 14 | 7 | 14 | pag. 25 |
| LL 25 | | 85 | 24 | 78 | 115 | 24 | 5 | 10 | pag. 26 |
| LL 26 | | 85 | 24 | 78 | 115 | 34 | 4 | 8 | pag. 27 |
| LL 27 | | 85 | 24 | 108 | 115 | 6 | 10 | 20 | pag. 28 |
| LL 28 | | 85 | 24 | 108 | 115 | 11 | 7 | 14 | pag. 29 |
| LL 29 | | 85 | 24 | 108 | 113 | 16 | 6 | 12 | pag. 30 |
| LL 30 | | 85 | 24 | 108 | 116 | 24 | 5 | 10 | pag. 31 |

Product codes



- Color Temperature
- V = Very Warm White

W = Warm White

N = Neutral White

C = Cool White

A = Amber

R = Red

G = Green

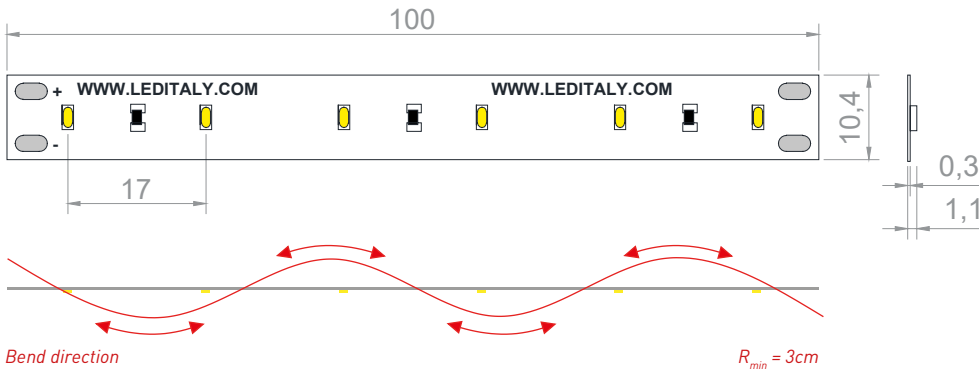
B = Blue

WHITE / Single LED / LL3

Description










Available sizes and lengths

Flexible LED Strip for indoor use. 60 LED meter, available with different color temperatures or single color. Fixing by adhesive, self-dissipating. Dimmable, 5W/m, 12/24Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.

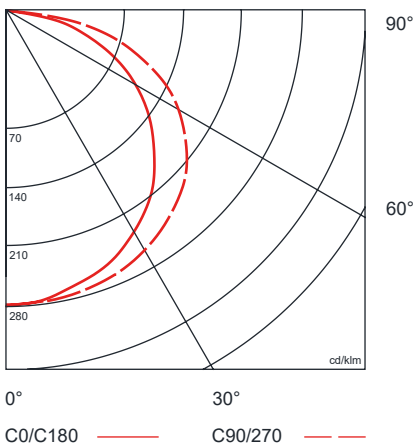


Length max single end power cable (12 /24Vdc): 5/10m
Length max double end power cable (12 /24Vdc): 10/20m

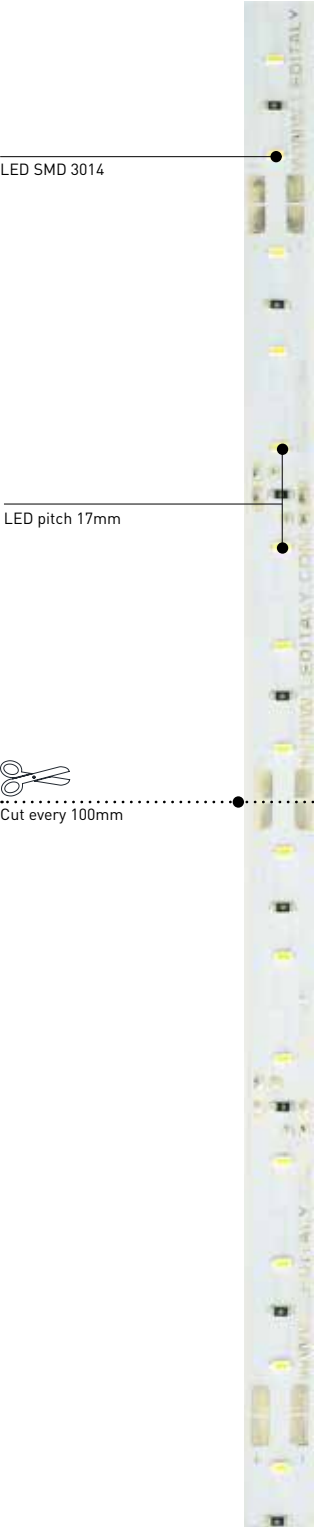
Electrical and lighting features

| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|----------------------------|------------------------|---|--------------|-------------|-----------|--|-------|
| SMD 3014 | -20/+55 | 85 | 5 | 60 | 20/60 | Yes | 120° |
| Code | Color Temperature [K]* | Luminous Flux (lm/mt)** | | Voltage | IP | <div>LED SMD 3014</div>  | |
| LL3- V .12/24.20/60 | 2700 |  | 500 | 12 / 24 Vdc | 20 / 60 | | |
| LL3- W .12/24.20/60 | 3000 |  | 530 | | | | |
| LL3- N .12/24.20/60 | 4000 |  | 580 | | | | |
| LL3- C .12/24.20/60 | 5000 |  | 560 | | | | |
| Single color | | Nanoscale (nm) | | Voltage | IP | | |
| LL3- R .12/24.20/60 | Red |  | 625 | 12 / 24 Vdc | 20 / 60 | | |
| LL3- G .12/24.20/60 | Green |  | 525 | | | | |
| LL3- B .12/24.20/60 | Blue |  | 470 | | | | |
| LL3- A .12/24.20/60 | Amber |  | 590 | | | | |

Photometric curve

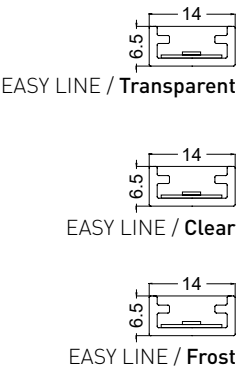


* On request also available Extra Warm White **V8** - 1800K, **V2** - 2200K e **V5** - 2500K
** The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.



Compatibility LINEA LUCE PROFILE

Compatibility LINEA LUCE FLEX

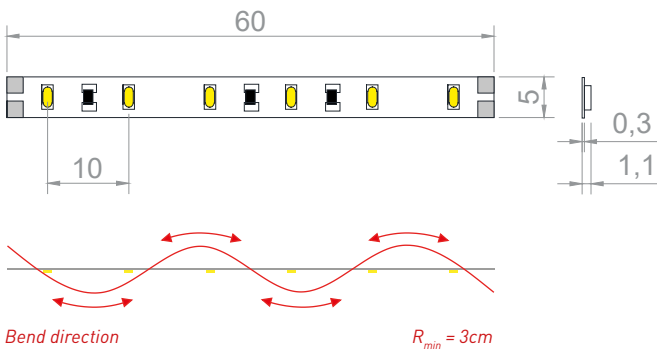


WHITE / Single LED / LL5

Description


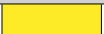

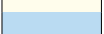





Available sizes and lengths

Flexible LED Strip for indoor use. 100 LED meter, available with different color temperatures or single color. Fixing by adhesive, self-dissipating. Dimmable, 6W/m, 12/24Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.

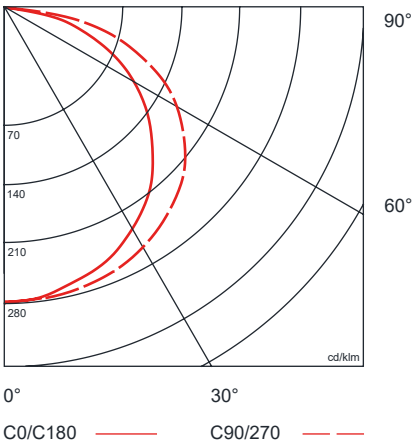


Length max single end power cable (12 /24Vdc): 3/5m
Length max double end power cable (12 /24Vdc): 6/10m

Electrical and lighting features

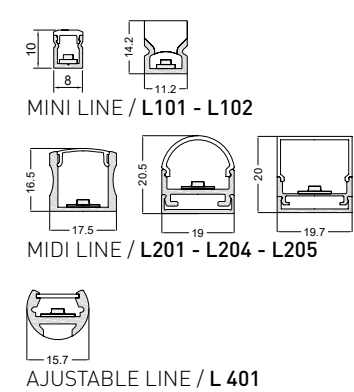
| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|----------------------------|------------------------|---|--------------|-------------|-----------|--|-------|
| SMD 3014 | -20/+55 | 85 | 6 | 100 | 20/60 | Yes | 120° |
| Code | Color Temperature [K]* | Luminous Flux (lm/mt)** | | Voltage | IP | <div>LED SMD 3014</div>  | |
| LL5- V .12/24.20/60 | 2700 |  | 570 | 12 / 24 Vdc | 20 / 60 | | |
| LL5- W .12/24.20/60 | 3000 |  | 640 | | | | |
| LL5- N .12/24.20/60 | 4000 |  | 710 | | | | |
| LL5- C .12/24.20/60 | 5000 |  | 680 | | | | |
| Single color | | Nanoscale (nm) | | Voltage | IP | | |
| LL5- R .12/24.20/60 | Red |  | 625 | 12 / 24 Vdc | 20 / 60 | | |
| LL5- G .12/24.20/60 | Green |  | 525 | | | | |
| LL5- B .12/24.20/60 | Blue |  | 470 | | | | |
| LL5- A .12/24.20/60 | Amber |  | 590 | | | | |

Photometric curve

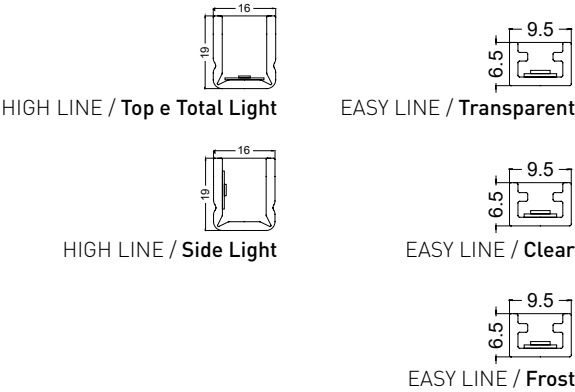


* On request also available Extra Warm White **V8** - 1800K, **V2** -2200K e **V5** - 2500K
** The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.

Compatibility LINEA LUCE PROFILE



Compatibility LINEA LUCE FLEX

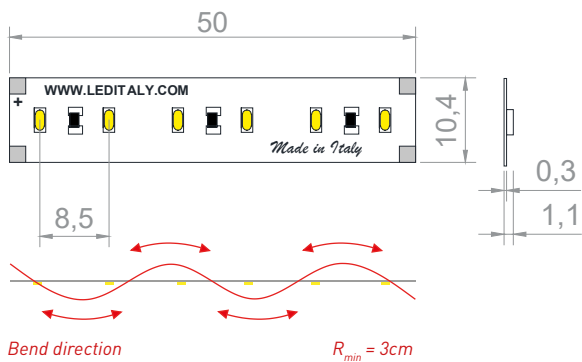


WHITE / Single LED / LL6

Description

Available sizes and lengths

Flexible LED Strip for indoor use. 120 LED meter, available with different color temperatures or single color. Fixing by adhesive, self-dissipating. Dimmable, 8W/m, 12/24Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.

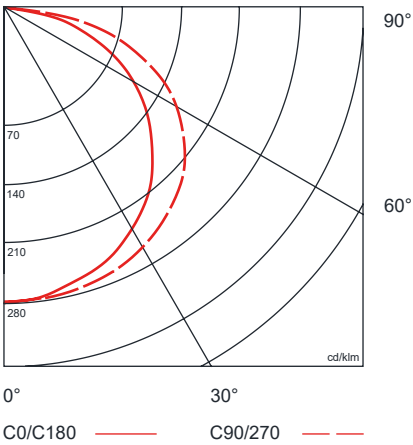


Length max single end power cable (12 /24Vdc): 5/10m
Length max double end power cable (12 /24Vdc): 10/20m

Electrical and lighting features

| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|----------------------------|------------------------|-------------------------|--------------|-------------|-----------|----------|-------|
| SMD 3014 | -20/+55 | 85 | 8 | 120 | 20/60 | Yes | 120° |
| Code | Color Temperature (K)* | Luminous Flux (lm/mt)** | | Voltage | IP | | |
| LL6- V .12/24.20/60 | 2700 | | 880 | 12 / 24 Vdc | 20 / 60 | | |
| LL6- W .12/24.20/60 | 3000 | | 900 | | | | |
| LL6- N .12/24.20/60 | 4000 | | 1000 | | | | |
| LL6- C .12/24.20/60 | 5000 | | 850 | | | | |
| Single color | | Nanoscale (nm) | | Voltage | IP | | |
| LL3- R .12/24.20/60 | Red | | 625 | 12 / 24 Vdc | 20 / 60 | | |
| LL3- G .12/24.20/60 | Green | | 525 | | | | |
| LL3- B .12/24.20/60 | Blue | | 470 | | | | |
| LL3- A .12/24.20/60 | Amber | | 590 | | | | |

Photometric curve

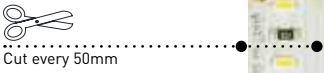
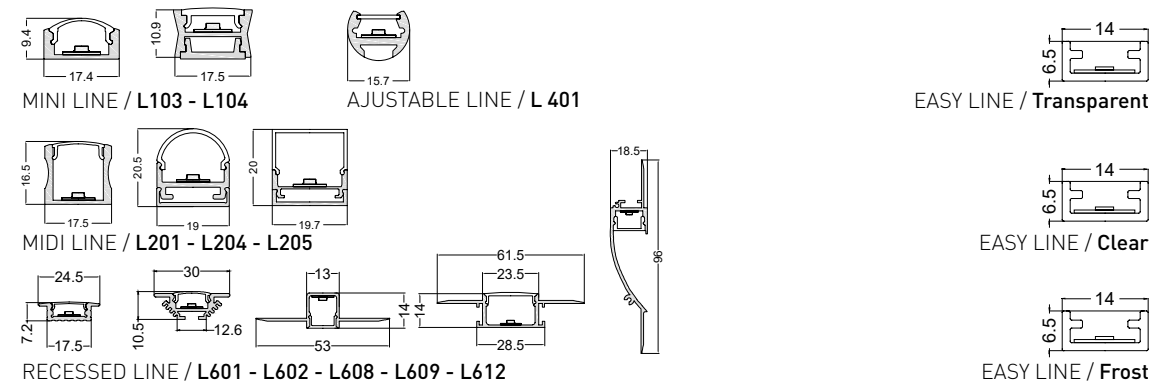


* On request also available Extra Warm White **V8** - 1800K, **V2** - 2200K e **V5** - 2500K
** The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.



Compatibility LINEA LUCE PROFILE

Compatibility LINEA LUCE FLEX

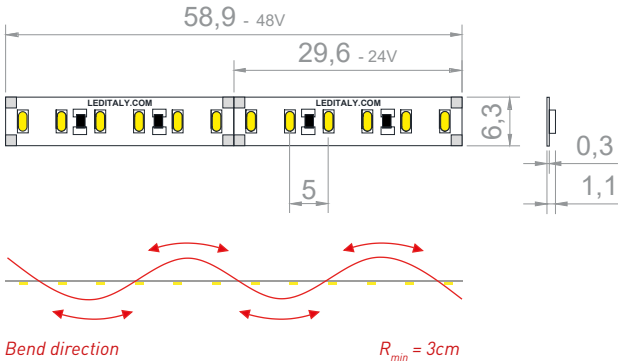


WHITE / Single LED / LL9

Description

Available sizes and lengths

Flexible LED Strip for indoor use. 204 LED meter, available with different color temperatures. Fixing by adhesive, self-dissipating. Dimmable, 8W/m, 24/48Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.

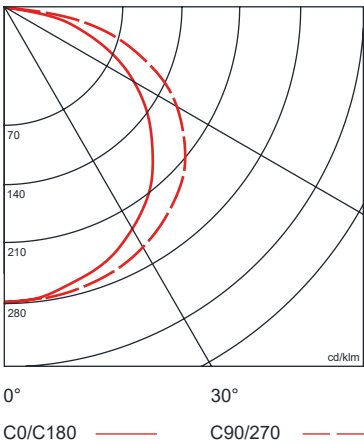


Length max single end power cable (24/48Vdc): 7/14m
Length max double end power cable (24/48Vdc): 14/28m

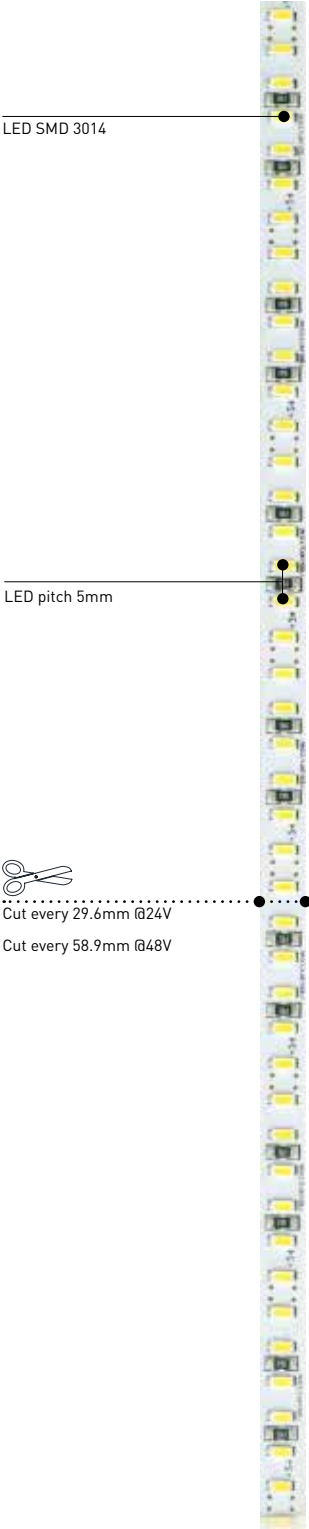
Electrical and lighting features

| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|----------------------------|------------------------|-------------------------|--------------|-------------|-----------|----------|-------|
| SMD 3014 | -20/+55 | 85 | 8 | 204 | 20/60 | Yes | 120° |
| Code | Color Temperature (K)* | Luminous Flux (lm/mt)** | | Voltage | IP | | |
| LL9- V .24/48.20/60 | 2700 | | 920 | 24 / 48 Vdc | 20 / 60 | | |
| LL9- W .24/48.20/60 | 3000 | | 890 | | | | |
| LL9- N .24/48.20/60 | 4000 | | 950 | | | | |
| LL9- C .24/48.20/60 | 5000 | | 890 | | | | |

Photometric curve

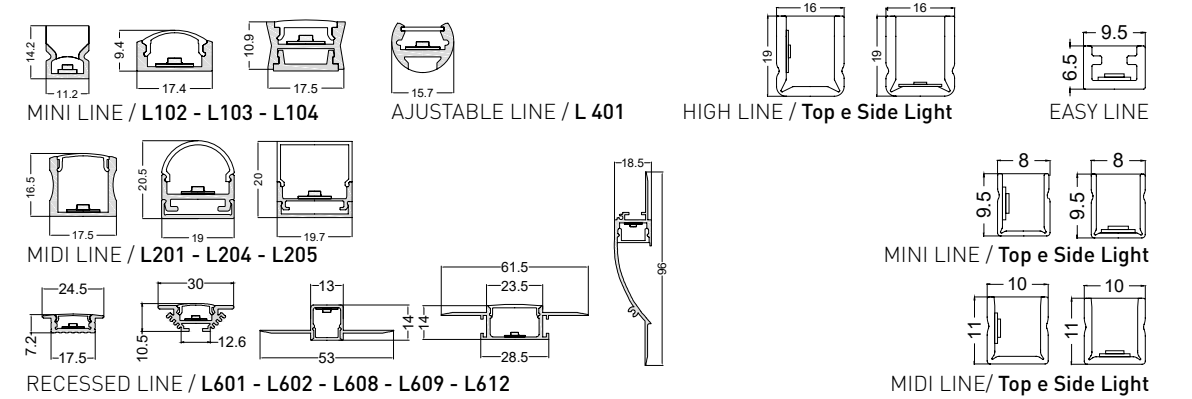


* On request also available Extra Warm White **V8** - 1800K, **V2** - 2200K e **V5** - 2500K
** The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.



Compatibility LINEA LUCE PROFILE

Compatibility LINEA LUCE FLEX

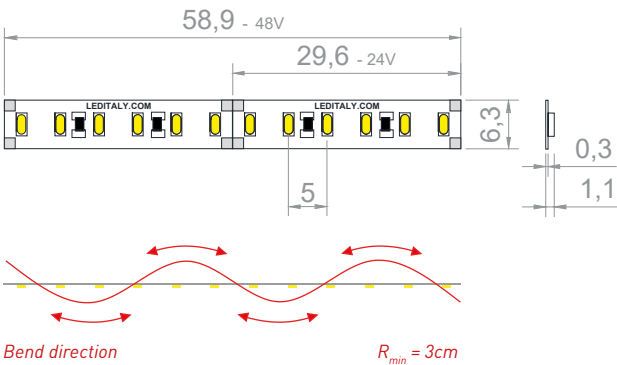


WHITE / Single LED / LL10

Description

Available sizes and lengths


Flexible LED Strip for indoor use. 204 LED meter, available with different color temperatures. Fixing by adhesive, self-dissipating. Dimmable, 11W/m, 24/48Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.



Length max single end power cable [24/48Vdc]: 6/12m
Length max double end power cable [24/48Vdc]: 12/24m

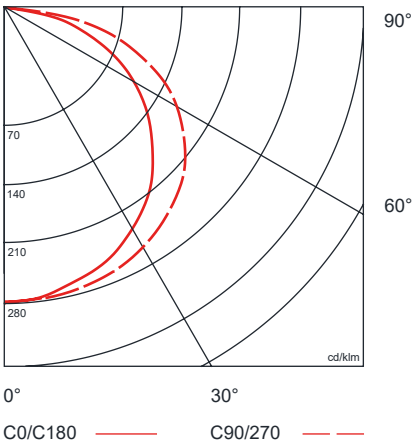
Electrical and lighting features

| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|-----------------------------|------------------------|-------------------------|--------------|-------------|-----------|----------|-------|
| SMD 3014 | -20/+55 | 85 | 11 | 204 | 20/60 | Yes | 120° |
| Code | Color Temperature [K]* | Luminous Flux [lm/mt]** | | Voltage | IP | | |
| LL10- V .24/48.20/60 | 2700 | | 1320 | 24 / 48 Vdc | 20 / 60 | | |
| LL10- W .24/48.20/60 | 3000 | | 1330 | | | | |
| LL10- N .24/48.20/60 | 4000 | | 1300 | | | | |
| LL10- C .24/48.20/60 | 5000 | | 1360 | | | | |

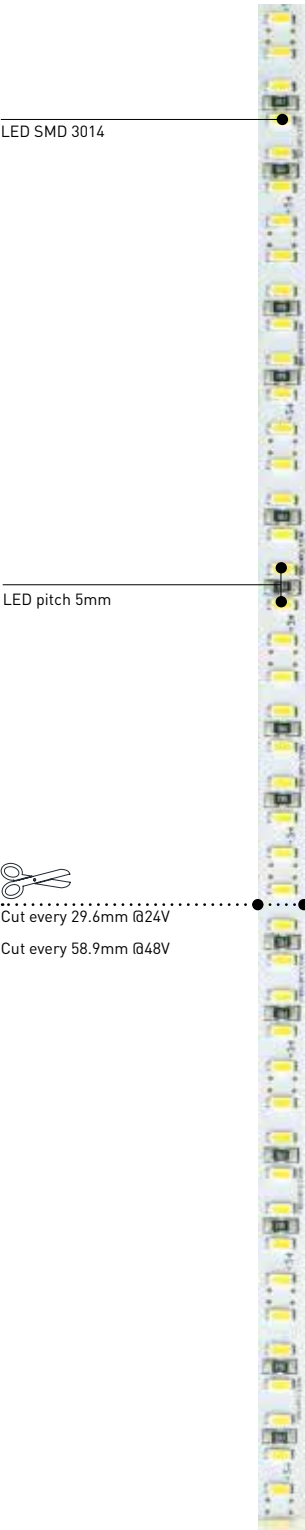


LED SMD 3014

Photometric curve

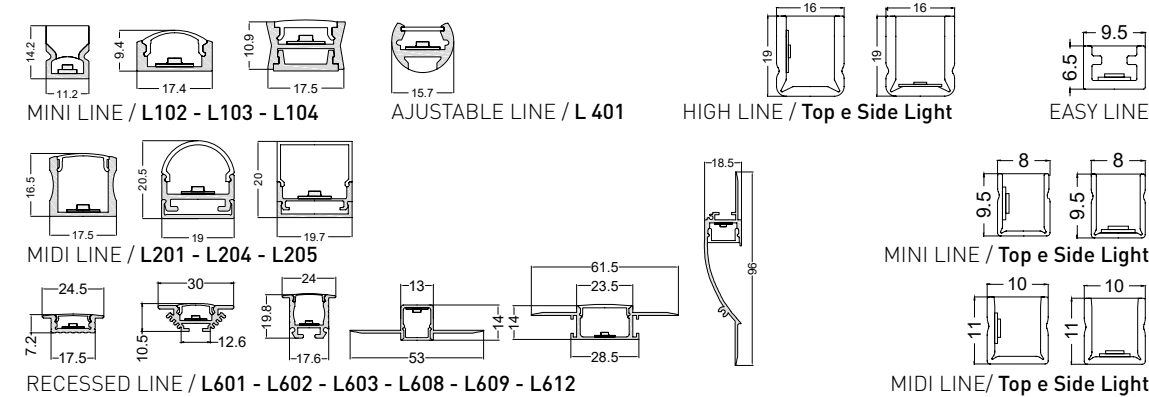


* On request also available Extra Warm White **V8** - 1800K, **V2** - 2200K e **V5** - 2500K
** The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.



Compatibility LINEA LUCE PROFILE

Compatibility LINEA LUCE FLEX

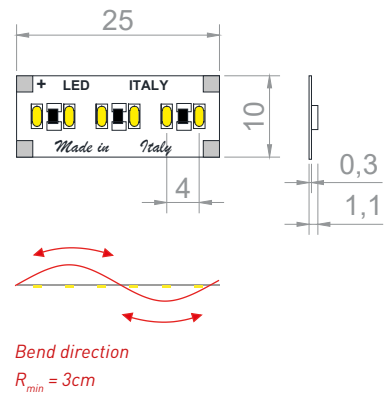


WHITE / Single LED / LL12

Description

Available sizes and lengths

Flexible LED Strip for indoor use. 240 LED meter, available with different color temperatures. It requires coupling with thermal adhesive to heat sink. Dimmable, 13W/m, 12/24Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.

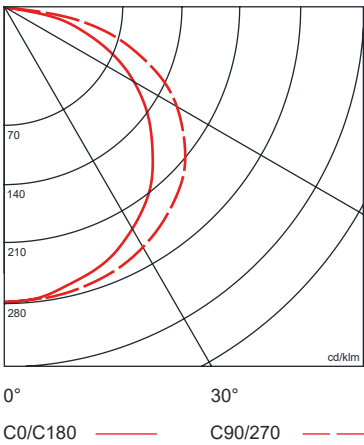


Length max single end power cable (12/24Vdc): 2.5/5m
Length max double end power cable (12/24Vdc): 5/10m

Electrical and lighting features

| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|-----------------------------|------------------------|-------------------------|--------------|-------------|-----------|----------|-------|
| SMD 3014 | -20/+55 | 85 | 13 | 240 | 20/60 | Yes | 120° |
| Code | Color Temperature (K)* | Luminous Flux (lm/mt)** | | Voltage | IP | | |
| LL12- V .12/24.20/60 | 2700 | | 1390 | 12 / 24 Vdc | 20 / 60 | | |
| LL12- W .12/24.20/60 | 3000 | | 1440 | | | | |
| LL12- N .12/24.20/60 | 4000 | | 1790 | | | | |
| LL12- C .12/24.20/60 | 5000 | | 1740 | | | | |

Photometric curve

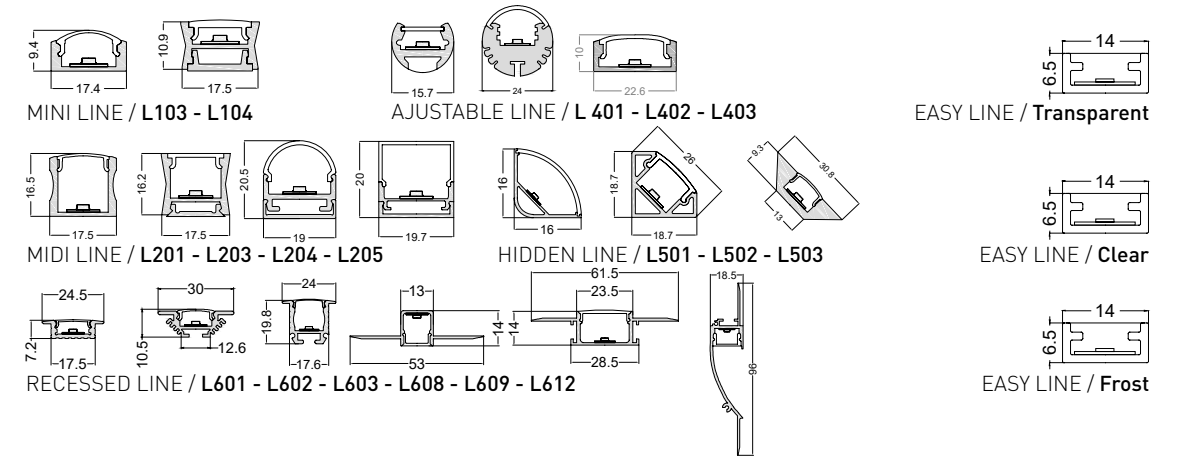


* On request also available Extra Warm White **V8** - 1800K, **V2** - 2200K e **V5** - 2500K
** The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.



Compatibility LINEA LUCE PROFILE

Compatibility LINEA LUCE FLEX

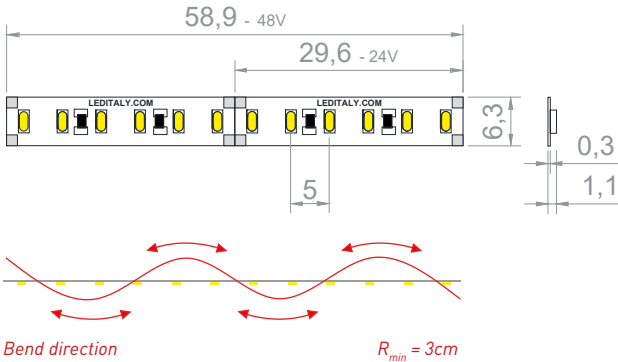


WHITE / Single LED / LL15

Description

Available sizes and lengths


Flexible LED Strip for indoor use. 204 LED meter, available with different color temperatures. It requires coupling with thermal adhesive to heat sink. Dimmable, 16W/m, 24/48Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.



Length max single end power cable (24/48Vdc): 5/10m
Length max double end power cable (24/48Vdc): 10/20m

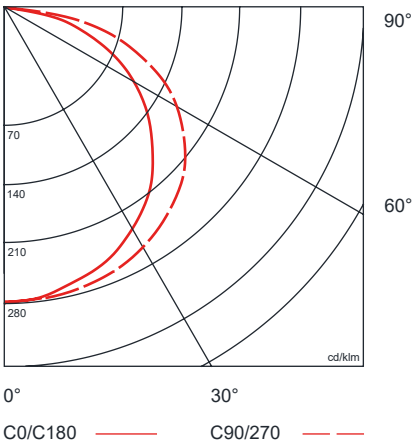
Electrical and lighting features

| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|-----------------------------|------------------------|-------------------------|--------------|-------------|-----------|----------|-------|
| SMD 3014 | -20/+55 | 85 | 16 | 204 | 20/60 | Yes | 120° |
| Code | Color Temperature [K]* | Luminous Flux [lm/mt]** | | Voltage | IP | | |
| LL15- V .24/48.20/60 | 2700 | | 1740 | 24 / 48 Vdc | 20 / 60 | | |
| LL15- W .24/48.20/60 | 3000 | | 1735 | | | | |
| LL15- N .24/48.20/60 | 4000 | | 1795 | | | | |
| LL15- C .24/48.20/60 | 5000 | | 1750 | | | | |

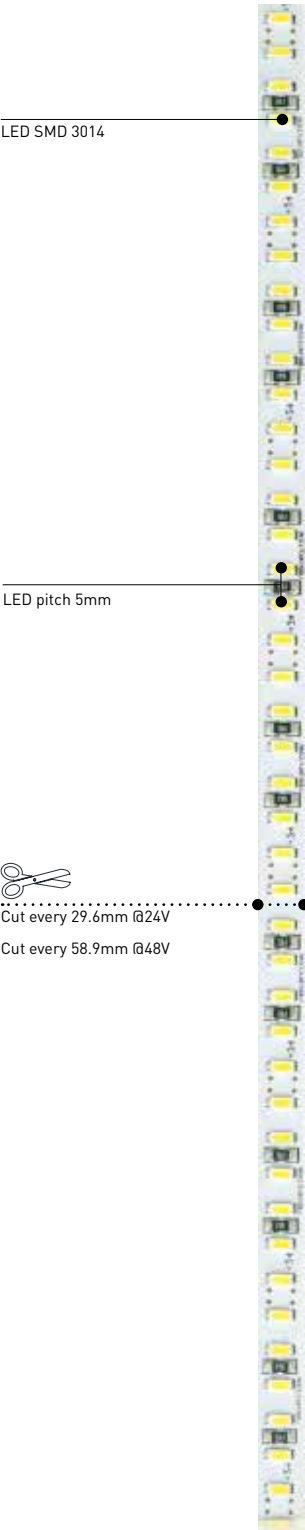


LED SMD 3014

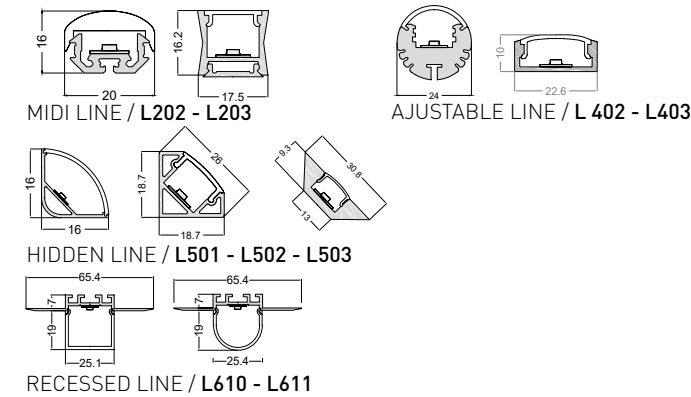
Photometric curve



* On request also available Extra Warm White **V8** - 1800K, **V2** - 2200K e **V5** - 2500K
** The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.

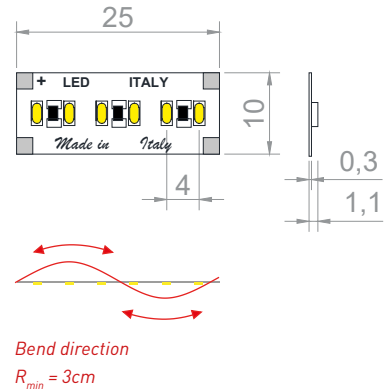


Compatibility LINEA LUCE PROFILE



WHITE / Single LED / LL18

Flexible LED Strip for indoor use. 240 LED meter, available with different color temperatures. It requires coupling with thermal adhesive to heat sink. Dimmable, 18W/m, 12/24Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.

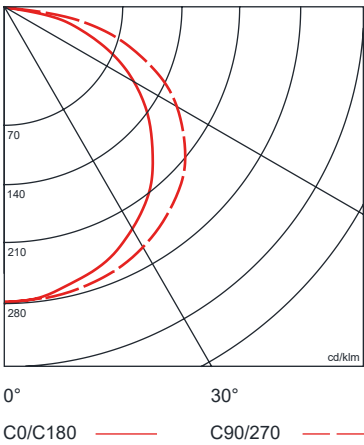


Length max single end power cable (12/24Vdc): 2/4m
Length max double end power cable (12/24Vdc): 4/8m

Electrical and lighting features

| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|-----------------------------|------------------------|-------------------------|--------------|-------------|-----------|----------|-------|
| SMD 3014 | -20/+55 | 85 | 18 | 240 | 20/60 | Yes | 120° |
| Code | Color Temperature (K)* | Luminous Flux (lm/mt)** | | Voltage | IP | | |
| LL18- V .12/24.20/60 | 2700 | | 2065 | 12 / 24 Vdc | 20 / 60 | | |
| LL18- W .12/24.20/60 | 3000 | | 1975 | | | | |
| LL18- N .12/24.20/60 | 4000 | | 2025 | | | | |
| LL18- C .12/24.20/60 | 5000 | | 2170 | | | | |

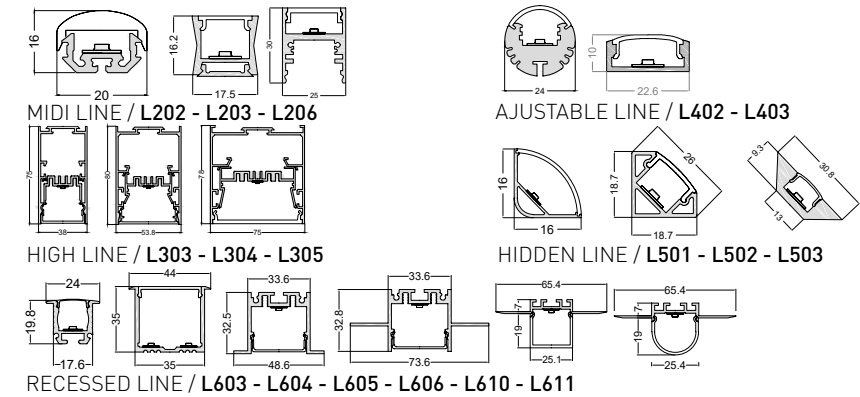
Photometric curve



* On request also available Extra Warm White **V8** - 1800K, **V2** - 2200K e **V5** - 2500K
** The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.



Compatibility LINEA LUCE PROFILE

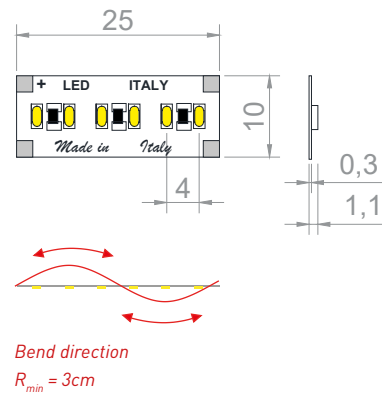


WHITE / Single LED / LL19

Description


Available sizes and lengths

Flexible LED Strip for indoor use. 240 LED meter, available with different color temperatures. It requires coupling with thermal adhesive to heat sink. Dimmable, 24W/m, 12/24Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.



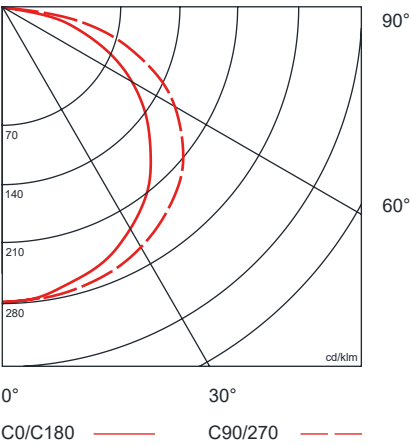
Length max single end power cable (12/24Vdc): 2/4m
Length max double end power cable (12/24Vdc): 4/8m

| Electrical and lighting features | | | | | | | |
|----------------------------------|------------------------|-------------------------|--------------|-------------|-----------|----------|-------|
| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
| SMD 3014 | -20/+55 | 85 | 24 | 240 | 20/60 | Yes | 120° |
| Code | Color Temperature (K)* | Luminous Flux (lm/mt)** | | Voltage | IP | | |
| LL19- V .12/24.20/60 | 2700 | | 2630 | 12 / 24 Vdc | 20 / 60 | | |
| LL19- W .12/24.20/60 | 3000 | | 2450 | | | | |
| LL19- N .12/24.20/60 | 4000 | | 2910 | | | | |
| LL19- C .12/24.20/60 | 5000 | | 2615 | | | | |



LED SMD 3014

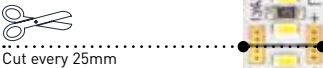
Photometric curve



* On request also available Extra Warm White **V8** - 1800K, **V2** - 2200K e **V5** - 2500K
** The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.



Compatibility LINEA LUCE PROFILE

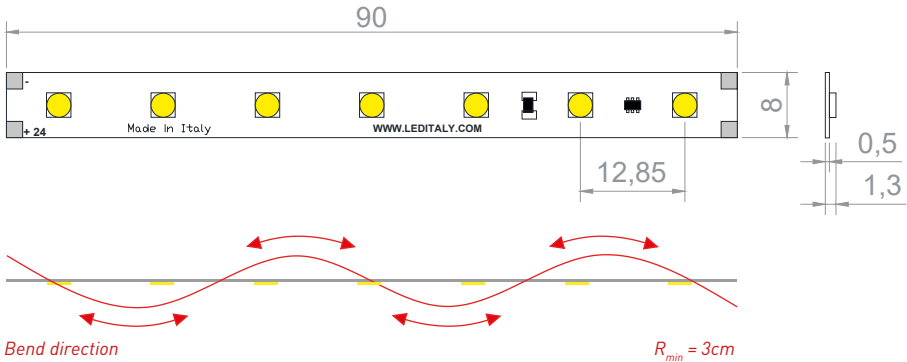


WHITE / Single LED / LL24

Description










Available sizes and lengths

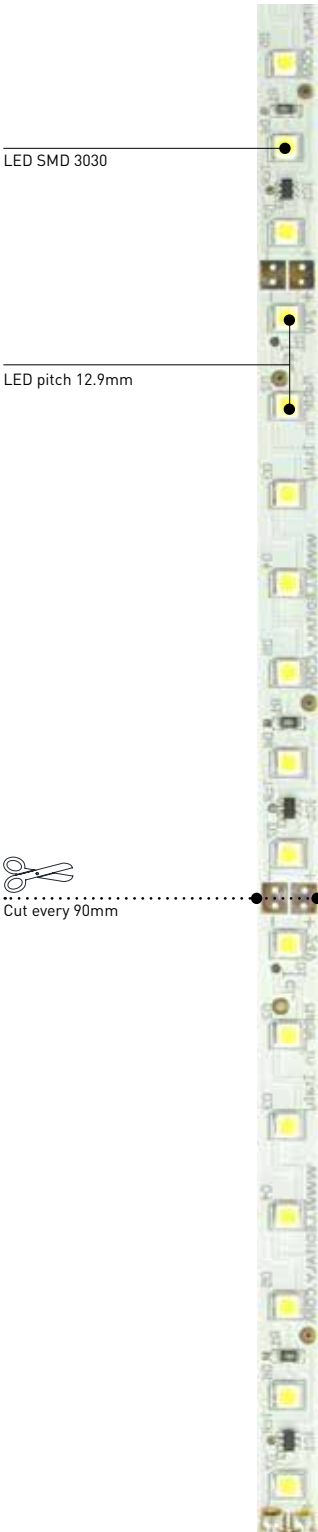
Flexible LED Strip for indoor use. 78 LED meter, available with different color temperatures or single color. It requires coupling with thermal adhesive to heat sink. Dimmable, 14W/m, 24Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.



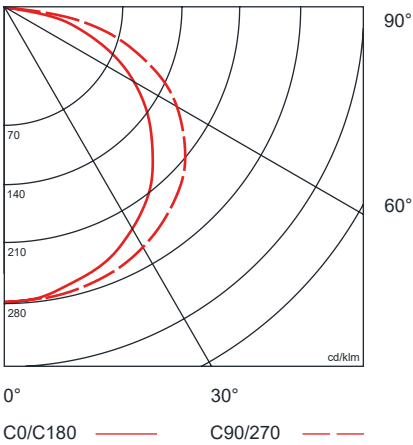
Length max single end power cable [24Vdc]: 7m
Length max double end power cable [24Vdc]: 14m

Electrical and lighting features

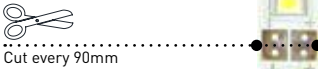
| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|--------------------------|------------------------|---|--------------|---------|-----------|---|-------|
| SMD 3030 | -20/+55 | 85 | 14 | 78 | 20/60 | Yes | 120° |
| Code | Color temperature (K) | Luminous Flux (lm/mt)* | | Voltage | IP | <div></div> <div>LED SMD 3030</div> | |
| LL24- V .24.20/60 | 2700 |  | 1625 | 24 Vdc | 20 / 60 | | |
| LL24- W .24.20/60 | 3000 |  | 1710 | | | | |
| LL24- N .24.20/60 | 4000 |  | 1780 | | | | |
| LL24- C .24.20/60 | 5000 |  | 1655 | | | | |
| Single color | | Nanoscale (nm) | | Voltage | IP | | |
| LL24- R .24.20/60 | Red |  | 625 | 24 Vdc | 20 / 60 | | |
| LL24- G .24.20/60 | Green |  | 525 | | | | |
| LL24- B .24.20/60 | Blue |  | 465 | | | | |
| LL24- A .24.20/60 | Amber |  | 590 | | | | |



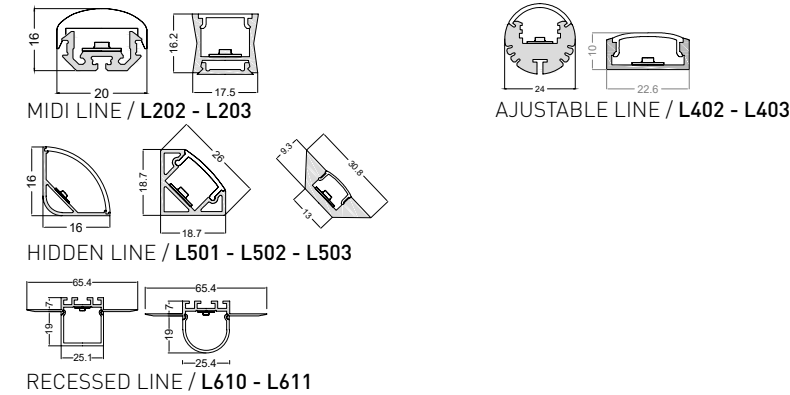
Photometric curve



* The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.



Compatibility LINEA LUCE PROFILE

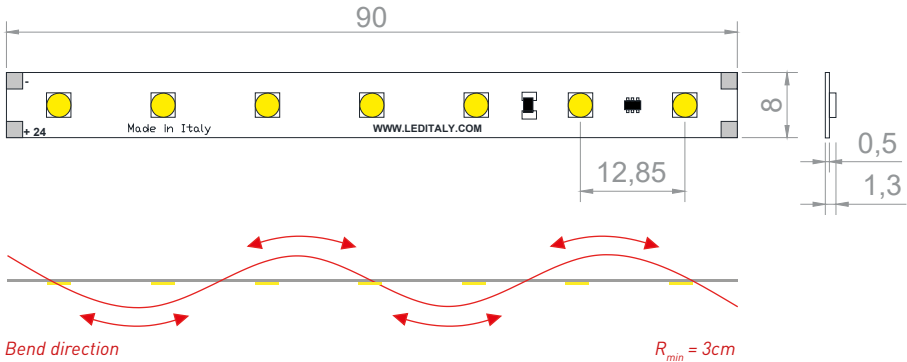


WHITE / Single LED / LL25

Description











Available sizes and lengths

Flexible LED Strip for indoor use. 78 LED meter, available with different color temperatures or single color. It requires coupling with thermal adhesive to heat sink. Dimmable, 24W/m, 24Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.



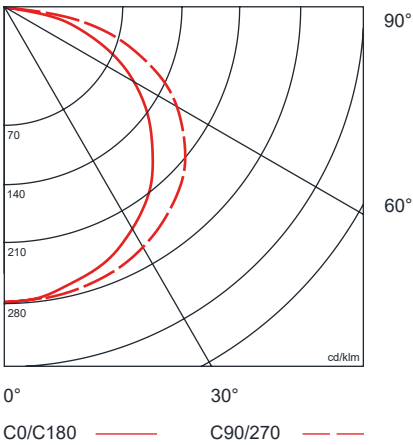
Length max single end power cable [24Vdc]: 5m
Length max double end power cable [24Vdc]: 10m

Electrical and lighting features

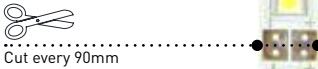
| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|--------------------------|------------------------|---|--------------|---------|-----------|--|-------|
| SMD 3030 | -20/+55 | 85 | 24 | 78 | 20/60 | Yes | 120° |
| Code | Color temperature (K) | Luminous Flux (lm/mt)* | | Voltage | IP |  | |
| LL25- V .24.20/60 | 2700 |  | 2300 | 24 Vdc | 20 / 60 | | |
| LL25- W .24.20/60 | 3000 |  | 2810 | | | | |
| LL25- N .24.20/60 | 4000 |  | 2820 | | | | |
| LL25- C .24.20/60 | 5000 |  | 3010 | | | | |
| Single color | | Nanoscale (nm) | | Voltage | IP |  | |
| LL25- R .24.20/60 | Red |  | 625 | 24 Vdc | 20 / 60 | | |
| LL25- G .24.20/60 | Green |  | 525 | | | | |
| LL25- B .24.20/60 | Blue |  | 465 | | | | |
| LL25- A .24.20/60 | Amber |  | 590 | | | | |



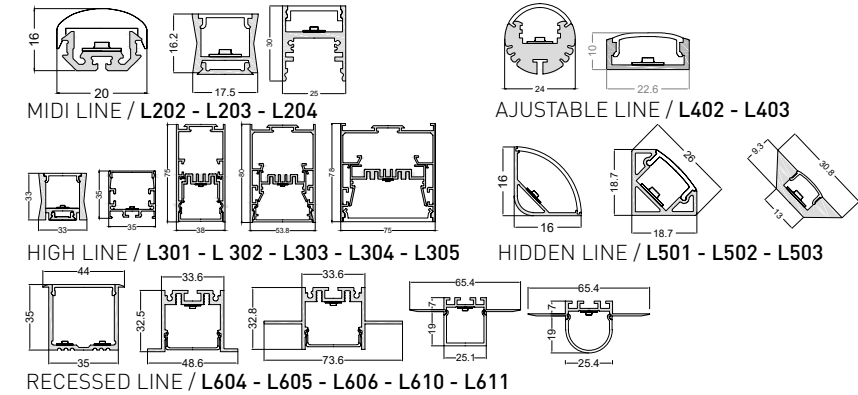
Photometric curve



* The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.



Compatibility LINEA LUCE PROFILE

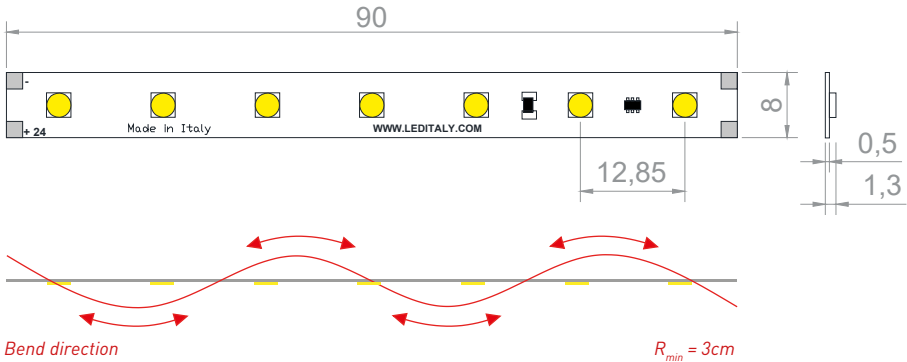


WHITE / Single LED / LL26

Description











Available sizes and lengths

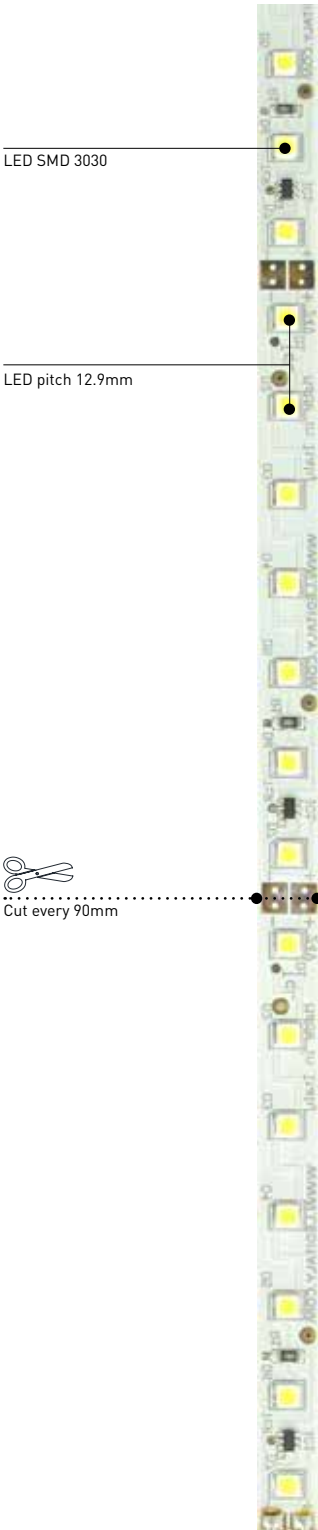
Flexible LED Strip for indoor use. 78 LED meter, available with different color temperatures or single color. It requires coupling with thermal adhesive to heat sink. Dimmable, 34W/m, 24Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.



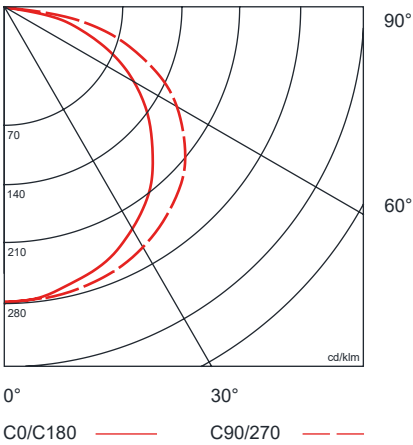
Length max single end power cable (24Vdc): 4m
Length max double end power cable (24Vdc): 8m

Electrical and lighting features

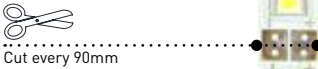
| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|--------------------------|------------------------|---|--------------|---------|-----------|--|-------|
| SMD 3030 | -20/+55 | 85 | 34 | 78 | 20/60 | Yes | 120° |
| Code | Color temperature (K) | Luminous Flux (lm/mt)* | | Voltage | IP | <div>LED SMD 3030</div>  | |
| LL26- V .24.20/60 | 2700 |  | 3350 | 24 Vdc | 20 / 60 | | |
| LL26- W .24.20/60 | 3000 |  | 3660 | | | | |
| LL26- N .24.20/60 | 4000 |  | 3760 | | | | |
| LL26- C .24.20/60 | 5000 |  | 3985 | | | | |
| Single color | | Nanoscale (nm) | | Voltage | IP | | |
| LL26- R .24.20/60 | Red |  | 625 | 24 Vdc | 20 / 60 |  | |
| LL26- G .24.20/60 | Green |  | 525 | | | | |
| LL26- B .24.20/60 | Blue |  | 465 | | | | |
| LL26- A .24.20/60 | Amber |  | 590 | | | | |



Photometric curve



* The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.



Compatibility LINEA LUCE PROFILE

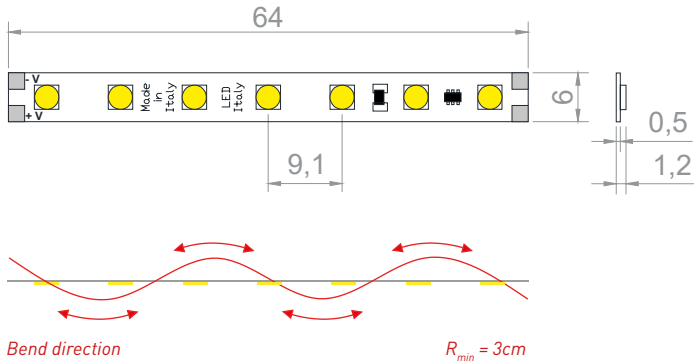


WHITE / Single LED / LL27

Description


Available sizes and lengths

Flexible LED Strip for indoor use. 108 LED meter, available with different color temperatures or single color. Fixing by adhesive, self-dissipating. Dimmable, 6W/m, 24Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.

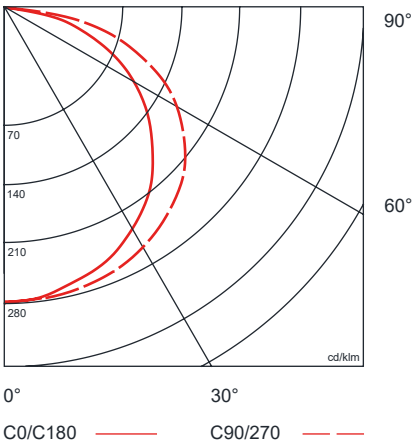


Length max single end power cable (24Vdc): 10m
Length max double end power cable (24Vdc): 20m

Electrical and lighting features

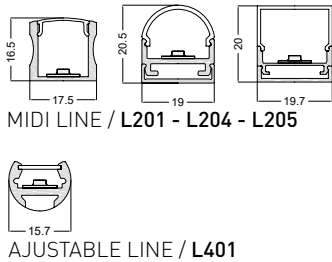
| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|--------------------------|------------------------|------------------------|--------------|---------|-----------|--|-------|
| SMD 3030 | -20/+55 | 85 | 6 | 108 | 20/60 | Yes | 120° |
| Code | Color temperature (K) | Luminous Flux (lm/mt)* | | Voltage | IP |  LED SMD 3030 | |
| LL27- V .24.20/60 | 2700 | 810 | | 24 Vdc | 20 / 60 | | |
| LL27- W .24.20/60 | 3000 | 690 | | | | | |
| LL27- N .24.20/60 | 4000 | 750 | | | | | |
| LL27- C .24.20/60 | 5000 | 910 | | | | | |
| Single color | | Nanoscale (nm) | | Voltage | IP | | |
| LL27- R .24.20/60 | Red | 625 | | 24 Vdc | 20 / 60 | | |
| LL27- G .24.20/60 | Green | 525 | | | | | |
| LL27- B .24.20/60 | Blue | 465 | | | | | |
| LL27- A .24.20/60 | Amber | 590 | | | | | |

Photometric curve

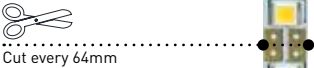
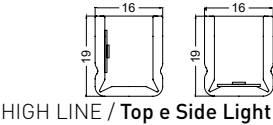


* The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.

Compatibility LINEA LUCE PROFILE



Compatibility LINEA LUCE FLEX

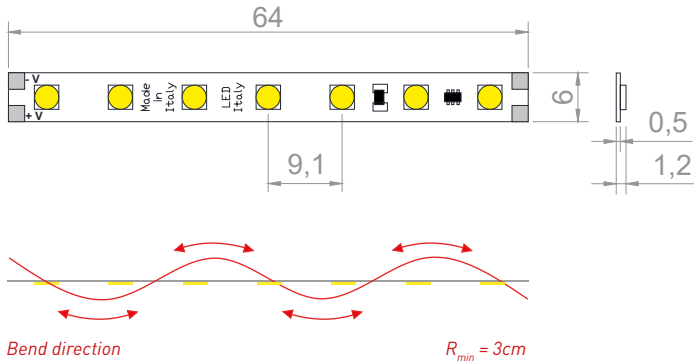


WHITE / Single LED / LL28

Description



Available sizes and lengths

Flexible LED Strip for indoor use. 108 LED meter, available with different color temperatures or single color. Fixing by adhesive, self-dissipating. Dimmable, 11W/m, 24Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.

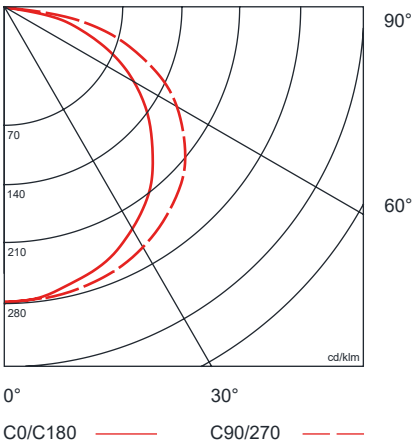


Length max single end power cable [24Vdc]: 7m
Length max double end power cable [24Vdc]: 14m

Electrical and lighting features

| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|--------------------------|------------------------|------------------------|--------------|---------|-----------|---|-------|
| SMD 3030 | -20/+55 | 85 | 11 | 108 | 20/60 | Yes | 120° |
| Code | Color temperature (K) | Luminous Flux (lm/mt)* | | Voltage | IP |  LED SMD 3030 | |
| LL28- V .24.20/60 | 2700 | 1340 | | 24 Vdc | 20 / 60 | | |
| LL28- W .24.20/60 | 3000 | 1310 | | | | | |
| LL28- N .24.20/60 | 4000 | 1430 | | | | | |
| LL28- C .24.20/60 | 5000 | 1370 | | | | | |
| Single color | | Nanoscale (nm) | | Voltage | IP |  LED pitch 9.1mm | |
| LL28- R .24.20/60 | Red | 625 | | 24 Vdc | 20 / 60 | | |
| LL28- G .24.20/60 | Green | 525 | | | | | |
| LL28- B .24.20/60 | Blue | 465 | | | | | |
| LL28- A .24.20/60 | Amber | 590 | | | | | |

Photometric curve



* The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.

Compatibility LINEA LUCE PROFILE

Compatibility LINEA LUCE FLEX

AJUSTABLE LINE / L401

RECESSED LINE / L603

EASY LINE

HIGH LINE / Top e Side Light

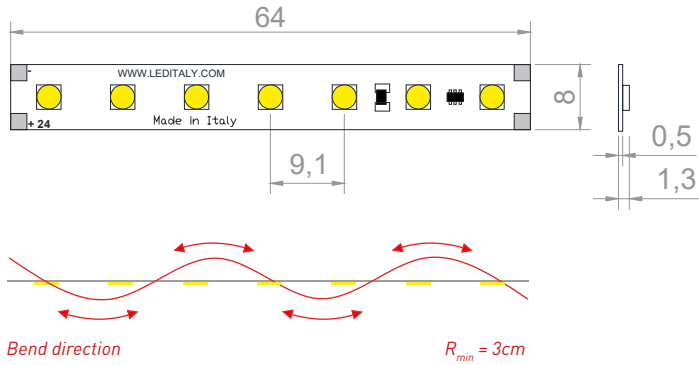


WHITE / Single LED / LL29

Description










Available sizes and lengths

Flexible LED Strip for indoor use. 108 LED meter, available with different color temperatures or single color. It requires coupling with thermal adhesive to heat sink. Dimmable, 16W/m, 24Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.

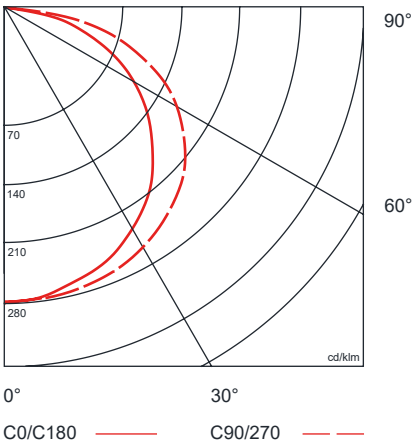


Length max single end power cable [24Vdc]: 6m
Length max double end power cable [24Vdc]: 12m

Electrical and lighting features

| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|--------------------------|------------------------|---|--------------|---------|-----------|--|-------|
| SMD 3030 | -20/+55 | 85 | 16 | 108 | 20/60 | Yes | 120° |
| Code | Color temperature (K) | Luminous Flux (lm/mt)* | | Voltage | IP | | |
| LL29- V .24.20/60 | 2700 |  | 1835 | 24 Vdc | 20 / 60 |  LED SMD 3030 | |
| LL29- W .24.20/60 | 3000 |  | 1910 | | | | |
| LL29- N .24.20/60 | 4000 |  | 1920 | | | | |
| LL29- C .24.20/60 | 5000 |  | 2195 | | | | |
| Single color | | Nanoscale (nm) | | Voltage | IP | | |
| LL29- R .24.20/60 | Red |  | 625 | 24 Vdc | 20 / 60 | | |
| LL29- G .24.20/60 | Green |  | 525 | | | | |
| LL29- B .24.20/60 | Blue |  | 465 | | | | |
| LL29- A .24.20/60 | Amber |  | 590 | | | | |

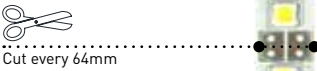
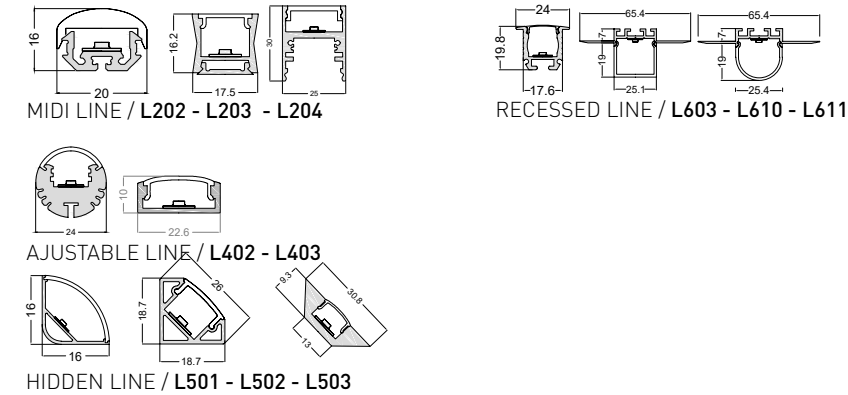
Photometric curve



* The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.



Compatibility LINEA LUCE PROFILE

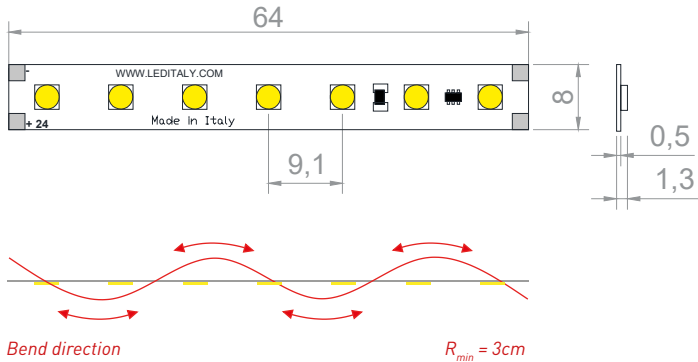


WHITE / Single LED / LL30

Description










Available sizes and lengths

Flexible LED Strip for indoor use. 108 LED meter, available with different color temperatures or single color. It requires coupling with thermal adhesive to heat sink. Dimmable, 24W/m, 24Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.

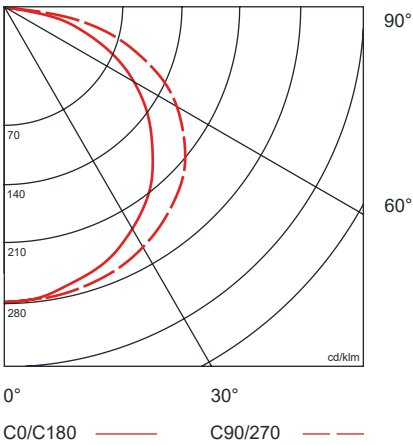


Length max single end power cable (24Vdc): 5m
Length max double end power cable (24Vdc): 10m

Electrical and lighting features

| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|--------------------------|------------------------|---|--------------|---------|-----------|--|-------|
| SMD 3030 | -20/+55 | 85 | 24 | 108 | 20/60 | Yes | 120° |
| Code | Color temperature (K) | Luminous Flux (lm/mt)* | | Voltage | IP |  | |
| LL30- V .24.20/60 | 2700 |  | 2810 | 24 Vdc | 20 / 60 | | |
| LL30- W .24.20/60 | 3000 |  | 2610 | | | | |
| LL30- N .24.20/60 | 4000 |  | 2910 | | | | |
| LL30- C .24.20/60 | 5000 |  | 3310 | | | | |
| Single color | | Nanoscale (nm) | | Voltage | IP | | |
| LL30- R .24.20/60 | Red |  | 625 | 24 Vdc | 20 / 60 | | |
| LL30- G .24.20/60 | Green |  | 525 | | | | |
| LL30- B .24.20/60 | Blue |  | 465 | | | | |
| LL30- A .24.20/60 | Amber |  | 590 | | | | |

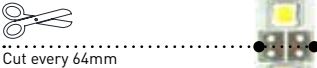
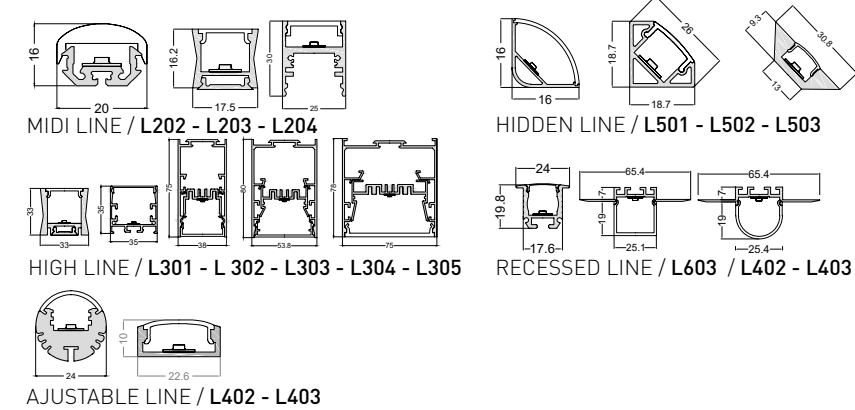
Photometric curve



* The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.



Compatibility LINEA LUCE PROFILE



White. Double LED



WHITE / Double LED

The demand for linear ceiling elements with high lighting performance in order to replace the previous light sources, has required the creation of a new family of high-performance LED strips with absorbed energy savings.

The brand-new models LL40, LL41, LL42, LL43 are all equipped with double parallel LED row for a total of 216 SMD 3030 LED meter. The printed circuit, optimized for electrical conductivity, has been designed for an ideal heat dissipation through suitable thermal coupling and insertion into one of the profiles suggested in our catalogue.

Applications



RESIDENTIAL



WORKPLACE



HOSPITALITY



INDOOR SHOP



INDUSTRIAL

| Linea Luce | Available colors | CRI | Voltage [Volt] | LED / m | Efficiency [lm/W] | Power [W/m] | End power cable single [m] double [m] | | Page |
|---------------|---|-----|-------------------|---------|----------------------|----------------|---|----|---------|
| LL 40 |  | 85 | 24 | 216 | 113 | 15 | 5 | 10 | pag. 34 |
| LL 41 |  | 85 | 24 | 216 | 113 | 25 | 2.5 | 5 | pag. 35 |
| LL 42 |  | 85 | 24 | 216 | 112 | 35 | 2 | 4 | pag. 36 |
| LL 43 |  | 85 | 24 | 216 | 111 | 45 | 1.5 | 3 | pag. 37 |

Product codes

LLXX

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X

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24

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(20/60)



Linea luce



Color Temperature



Voltage


IP rate

- Color Temperature
-  V = Very Warm White

 A = Amber
-  W = Warm White

 R = Red
-  N = Neutral White

 G = Green
-  C = Cool White

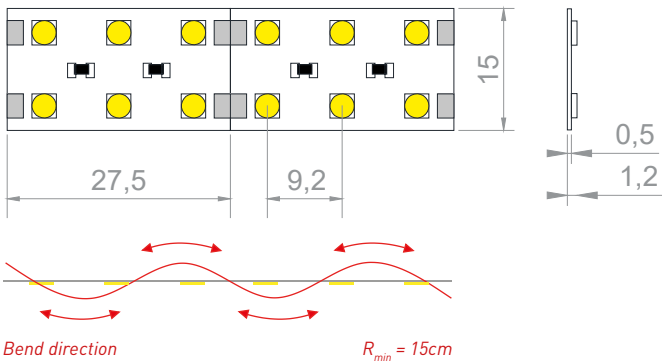
 B = Blue

WHITE / Doppio LED / LL40

Description

Available sizes and lengths

Flexible LED Strip for indoor use. 216 LED meter, available with different color temperatures or single color. It requires coupling with thermal adhesive to heat sink. Dimmable, 15W/m, 24Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.



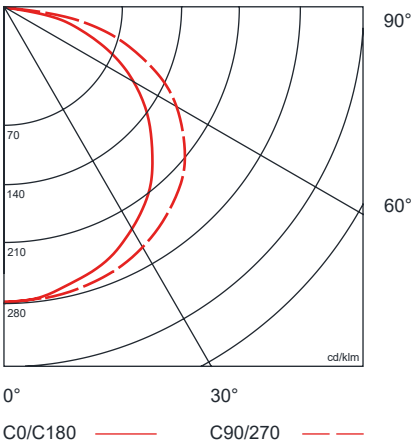
Length max single end power cable [24Vdc]: 5m
Length max double end power cable [24Vdc]: 10m

Electrical and lighting features

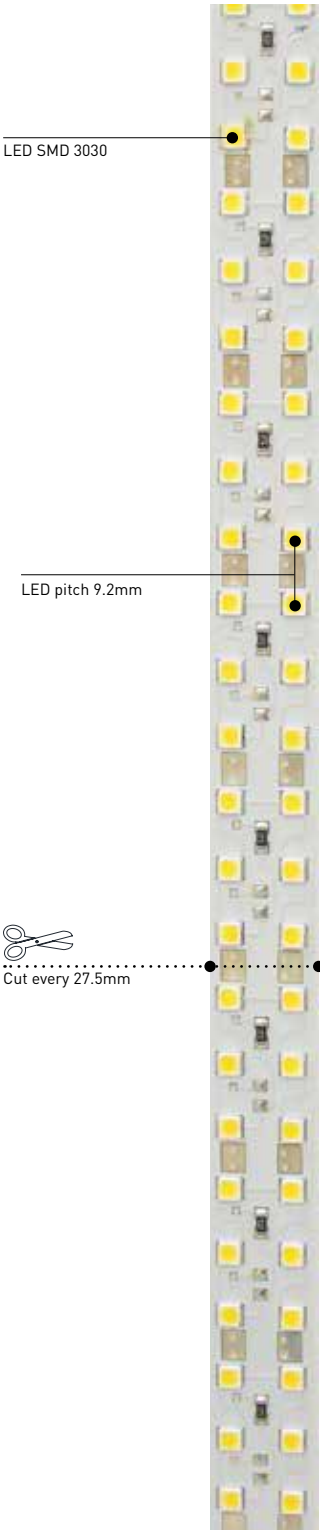
| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|--------------------------|------------------------|------------------------|--------------|---------|-----------|----------|-------|
| SMD 3030 | -20/+55 | 85 | 15 | 216 | 20/60 | Yes | 120° |
| Code | Color temperature (K) | Luminous Flux (lm/mt)* | | Voltage | IP | | |
| LL40- V .24.20/60 | 2700 | | 2050 | 24 Vdc | 20 / 60 | | |
| LL40- W .24.20/60 | 3000 | | 2150 | | | | |
| LL40- N .24.20/60 | 4000 | | 2040 | | | | |
| LL40- C .24.20/60 | 5000 | | 2430 | | | | |
| Single color | | Nanoscale (nm) | | Voltage | IP | | |
| LL40- R .24.20/60 | Red | | 625 | 24 Vdc | 20 / 60 | | |
| LL40- G .24.20/60 | Green | | 525 | | | | |
| LL40- B .24.20/60 | Blue | | 465 | | | | |
| LL40- A .24.20/60 | Amber | | 590 | | | | |

LED SMD 3030

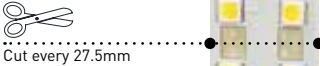
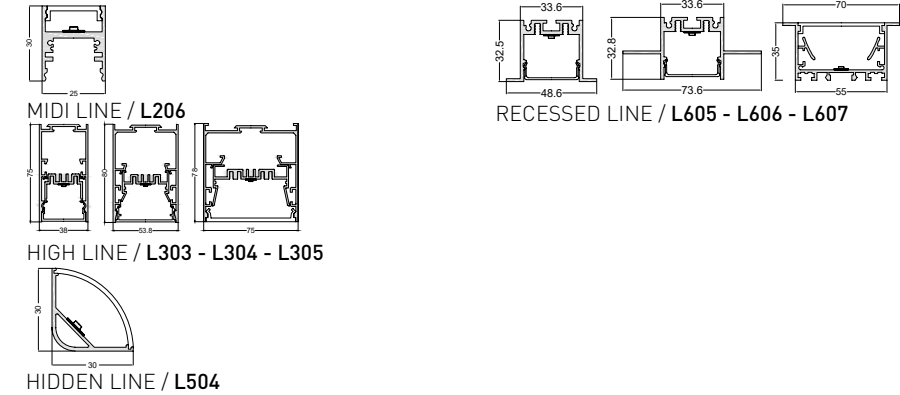
Photometric curve



* The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.



Compatibility LINEA LUCE PROFILE

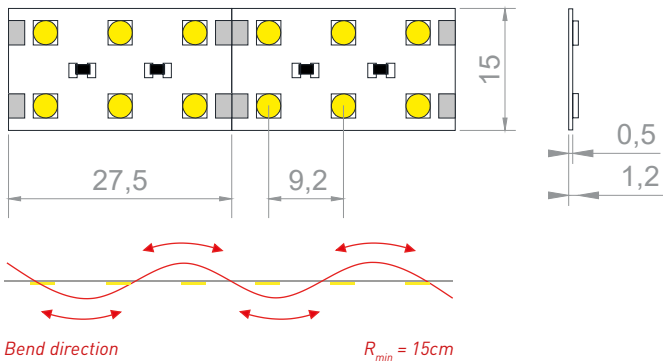


WHITE / Doppio LED / LL41

Description



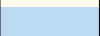





Available sizes and lengths

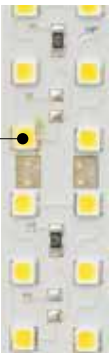
Flexible LED Strip for indoor use. 216 LED meter, available with different color temperatures or single color. It requires coupling with thermal adhesive to heat sink. Dimmable, 25W/m, 24Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.



Length max single end power cable (24Vdc): 2.5m
Length max double end power cable (24Vdc): 5m

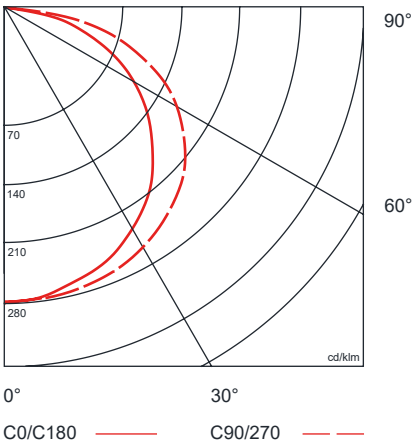
Electrical and lighting features

| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|---------------------------|------------------------|---|--------------|---------|-----------|----------|-------|
| SMD 3030 | -20/+55 | 85 | 25 | 216 | 20/60 | Yes | 120° |
| Code | Color temperature (K) | Luminous Flux (lm/mt)* | | Voltage | IP | | |
| LL41- V .124.20/60 | 2700 |  | 3015 | 24 Vdc | 20 / 60 | | |
| LL41- W .24.20/60 | 3000 |  | 3045 | | | | |
| LL41- N .24.20/60 | 4000 |  | 3135 | | | | |
| LL41- C .24.20/60 | 5000 |  | 3400 | | | | |
| Single color | | Nanoscale (nm) | | Voltage | IP | | |
| LL41- R .24.20/60 | Red |  | 625 | 24 Vdc | 20 / 60 | | |
| LL41- G .24.20/60 | Green |  | 525 | | | | |
| LL41- B .24.20/60 | Blue |  | 465 | | | | |
| LL41- A .24.20/60 | Amber |  | 590 | | | | |



LED SMD 3030

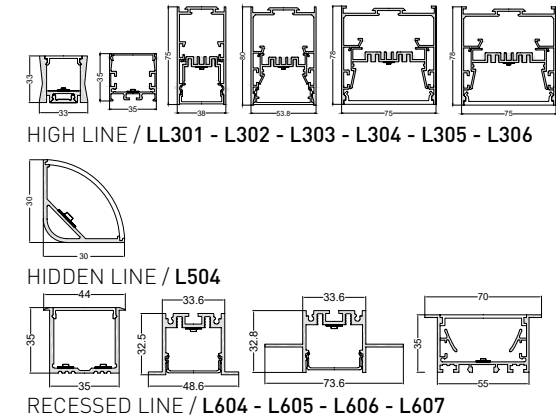
Photometric curve



* The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.



Compatibility LINEA LUCE PROFILE

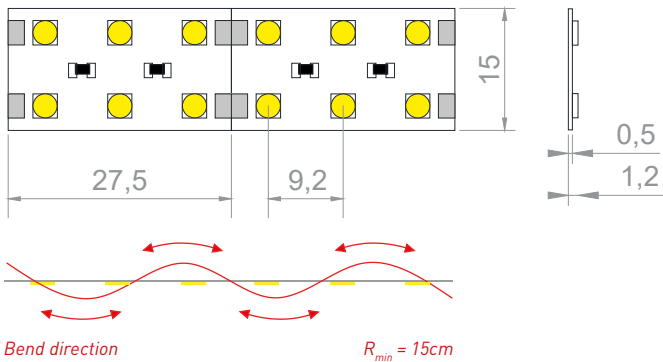


WHITE / Doppio LED / LL42

Description

Available sizes and lengths

Flexible LED Strip for indoor use. 216 LED meter, available with different color temperatures or single color. It requires coupling with thermal adhesive to heat sink. Dimmable, 35W/m, 24Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.

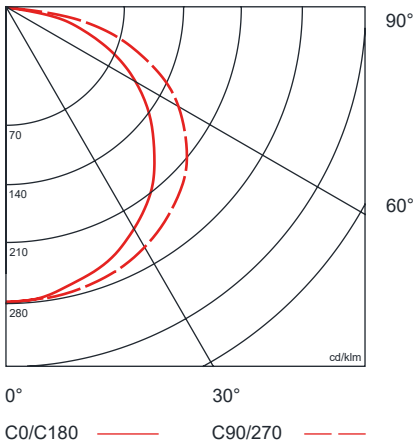


Length max single end power cable (24Vdc): 2m
Length max double end power cable (24Vdc): 4m

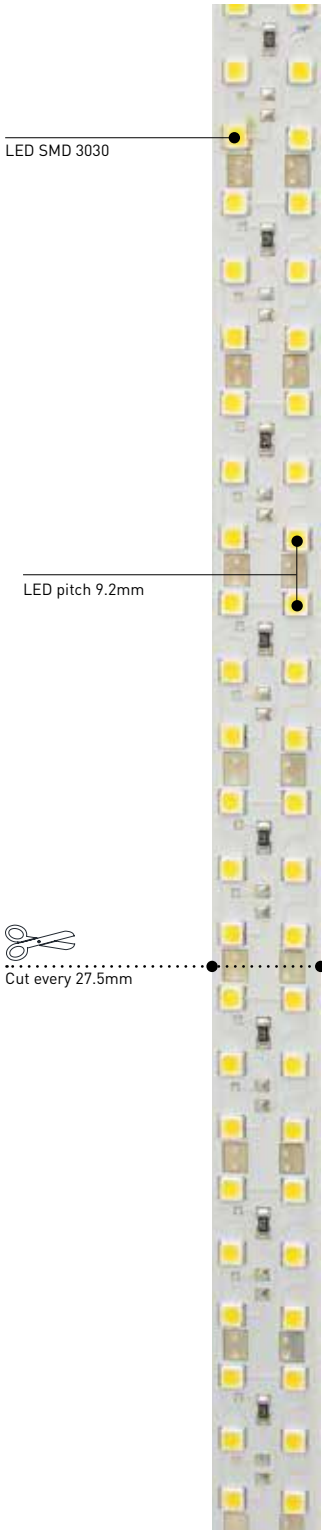
Electrical and lighting features

| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|--------------------------|------------------------|------------------------|--------------|---------|-----------|----------|-------|
| SMD 3030 | -20/+55 | 85 | 35 | 216 | 20/60 | Yes | 120° |
| Code | Color temperature (K) | Luminous Flux (lm/mt)* | | Voltage | IP | | |
| LL42- V .24.20/60 | 2700 | | 3640 | 24 Vdc | 20 / 60 | | |
| LL42- W .24.20/60 | 3000 | | 3860 | | | | |
| LL42- N .24.20/60 | 4000 | | 4050 | | | | |
| LL42- C .24.20/60 | 5000 | | 4585 | | | | |
| Single color | | Nanoscale (nm) | | Voltage | IP | | |
| LL42- R .24.20/60 | Red | | 625 | 24 Vdc | 20 / 60 | | |
| LL42- G .24.20/60 | Green | | 525 | | | | |
| LL42- B .24.20/60 | Blue | | 465 | | | | |
| LL42- A .24.20/60 | Amber | | 590 | | | | |

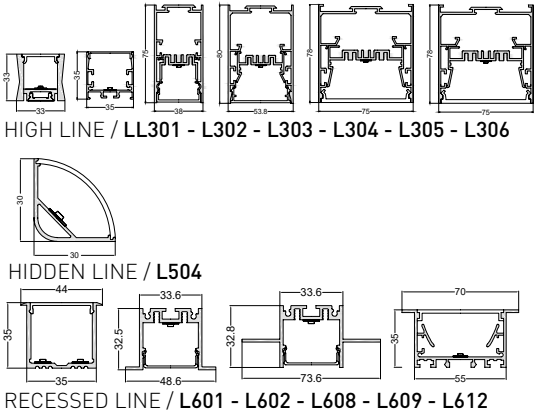
Photometric curve



* The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.



Compatibility LINEA LUCE PROFILE

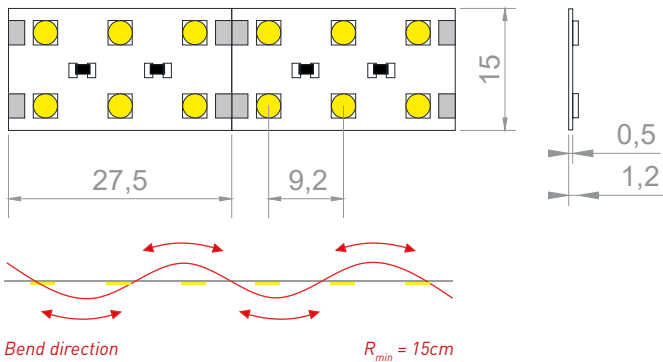


WHITE / Doppio LED / LL43

Description









Available sizes and lengths

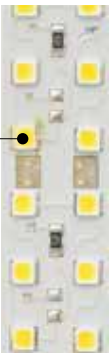
Flexible LED Strip for indoor use. 216 LED meter, available with different color temperatures or single color. It requires coupling with thermal adhesive to heat sink. Dimmable, 45W/m, 24Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.



Length max single end power cable (24Vdc): 1.5m
Length max double end power cable (24Vdc): 3m

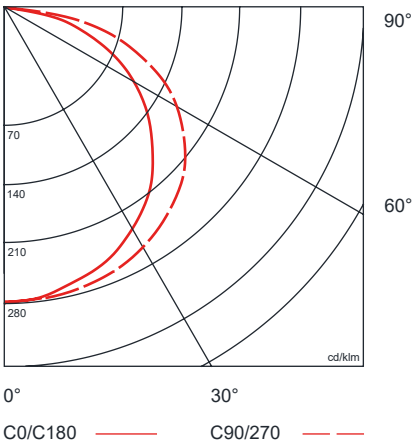
Electrical and lighting features

| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|---------------------------|------------------------|---|--------------|---------|-----------|----------|-------|
| SMD 3030 | -20/+55 | 85 | 45 | 216 | 20/60 | Yes | 120° |
| Code | Color temperature (K) | Luminous Flux (lm/mt)* | | Voltage | IP | | |
| LL43- V .124.20/60 | 2700 |  | 5680 | 24 Vdc | 20 / 60 | | |
| LL43- W .24.20/60 | 3000 |  | 6010 | | | | |
| LL43- N .24.20/60 | 4000 |  | 6205 | | | | |
| LL43- C .24.20/60 | 5000 |  | 6870 | | | | |
| Single color | | Nanoscale (nm) | | Voltage | IP | | |
| LL43- R .24.20/60 | Red |  | 625 | 24 Vdc | 20 / 60 | | |
| LL43- G .24.20/60 | Green |  | 525 | | | | |
| LL43- B .24.20/60 | Blue |  | 465 | | | | |
| LL43- A .24.20/60 | Amber |  | 590 | | | | |



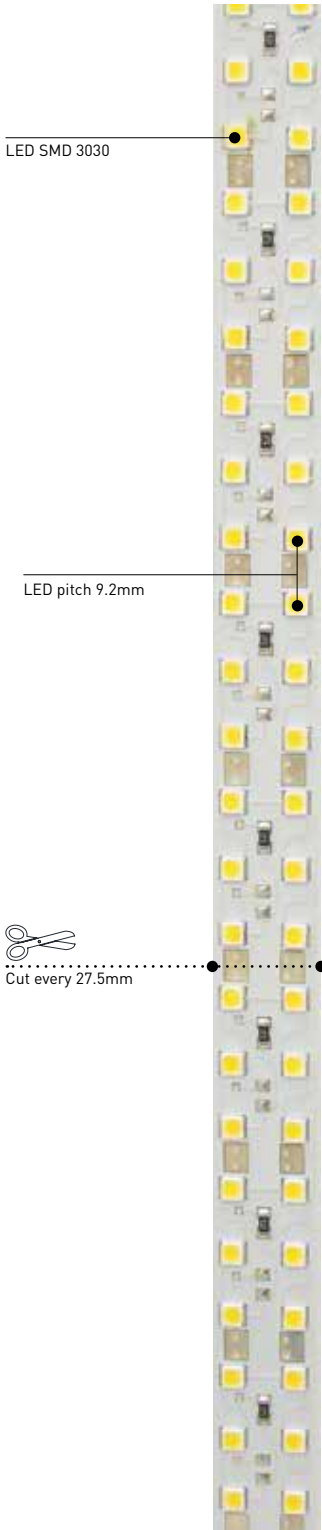
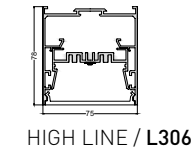
LED SMD 3030

Photometric curve



* The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.

Compatibility LINEA LUCE PROFILE





White. Optic LED

WHITE / Optic LED

The Light optic LED line collection represents a true innovation in the sector of linear lighting flexible. Thanks to the brand-new generation of LED Mid-Power SMD 3535 diodes equipped with narrow beam micro lenses it is possible to create accent light sets, even with very bright emissions on curved surfaces thanks to the high flexibility of our LED strips.

The individual micro lenses are mounted on the Kapton® printed circuit together with the positioning of the LEDs. The optics available with narrow beam allow to project different beam angles: 10°, 30°, 60° and asymmetric beam 15x50°. All strips are tested one by one and labelled with a serial number that allows an easy identification of the production lot.

Applications



RESIDENTIAL



WORKPLACE



HOSPITALITY



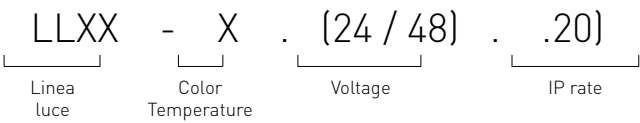
INDOOR SHOP



INDUSTRIAL

| Linea Luce | Available colors | CRI | Voltage [Volt] | LED / m | Efficiency [lm/W] | Power [W/m] | End power cable | | Page |
|------------|------------------|-----|----------------|---------|-------------------|-------------|-----------------|------------|---------|
| | | | | | | | single [m] | double [m] | |
| LL 32 | | 85 | 24 48 | 20 | - | 9 | 5 10 | 10 20 | pag. 40 |
| LL 33 | | 85 | 24 48 | 20 | - | 18 | 2.5 5 | 5 10 | pag. 41 |
| LL 35 | | 85 | 24 48 | 40 | 123 | 9 | 5 10 | 10 20 | pag. 42 |
| LL 36 | | 85 | 24 48 | 40 | 123 | 18 | 2.5 5 | 5 10 | pag. 43 |

Product codes



- Color Temperature
- V = Very Warm White

A = Amber

W = Warm White

R = Red

N = Neutral White

G = Green

C = Cool White

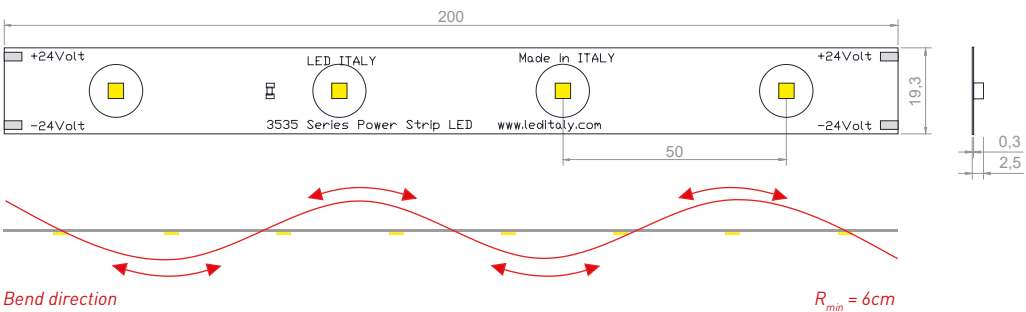
B = Blue

WHITE / Optic LED / LL32

Description












Available sizes and lengths

Flexible LED Strip for indoor use. 20 LED meter with SMD optics 10°, 30°, 60° e 15+50°, available with different color temperatures single color, RGB or RGB-W. It requires coupling with thermal adhesive to heat sink. Dimmable, 9W/m, 24/48Vdc. Manufactured in automated production line.



Length max single end power cable (24 / 48Vdc): 5 / 10m
Length max double end power cable (24 / 48Vdc): 10 / 20m

Electrical and lighting features

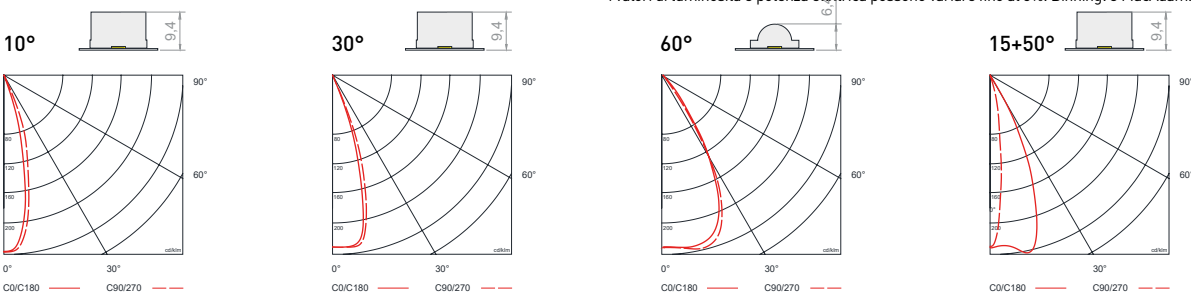
| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|-----------------------------|------------------------|---|--------------|-------------|-----------|--|----------------------------|
| SMD 3535 | -20/+55 | 85 | 9 | 20 | 20 | Yes | 10° / 30° 60 ° / 15+50° |
| Code | Color temperature (K) | Luminous Flux (lm/mt)* | | Voltage | IP | | |
| LL32- V .24/48.20 | 2700 |  | 1000 | 24 / 48 Vdc | 20 |  LED SMD 3535 | |
| LL32- W .24/48.20 | 3000 |  | 1030 | | | | |
| LL32- N .24/48.20 | 4000 |  | 1050 | | | | |
| LL32- C .24/48.20 | 5000 |  | 1075 | | | | |
| Single color | | Nanoscale (nm) | | Voltage | IP | | |
| LL32- R .24/48.20 | Red |  | 625 | 24 / 48 Vdc | 20 | | |
| LL32- G .24/48.20 | Green |  | 525 | | | | |
| LL32- B .24/48.20 | Blue |  | 465 | | | | |
| LL32- A .24/48.20 | Amber |  | 590 | | | | |
| RGB | | Luminous Flux (lm/mt)* | | Voltage | IP | | |
| LL32- RGB .24/48.20 | RGB |  | 700 | 24 / 48 Vdc | 20 | | |
| RGB - W | | Luminous Flux (lm/mt)* | | Voltage | IP | | |
| LL32- RGBW .24/48.20 | RGB - W |  | 900 | 24 / 48 Vdc | 20 | | |

LED SMD 3535

LED pitch 25mm

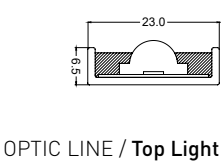
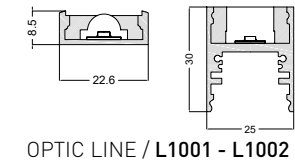
Curva fotometrica

* I valori riportati sono valori tipici. Dovuti alla tolleranza del processo di produzione e ai componenti elettrici, i valori di luminosità e potenza elettrica possono variare fino al 5%. Binning: 3 MacAdam.

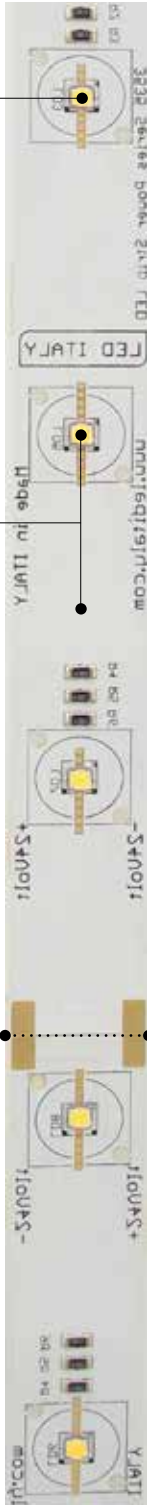


Compatibility LINEA LUCE PROFILE

Compatibility LINEA LUCE FLEX



Cut every 200mm @24V
Cut every 400mm @48V

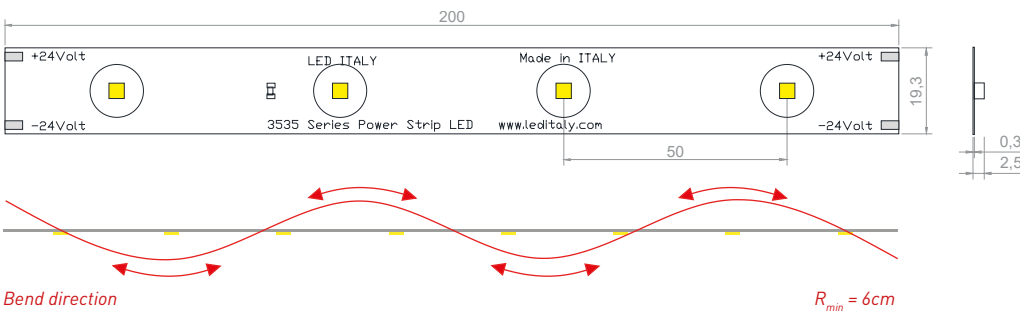


WHITE / Optic LED / LL33

Description












Available sizes and lengths

Flexible LED Strip for indoor use. 20 LED meter with SMD optics 10°, 30°, 60° and 15+50°, available with different color temperatures single color, RGB or RGB-W. It requires coupling with thermal adhesive to heat sink. Dimmable, 18W/m, 24/48Vdc. Manufactured in automated production line.



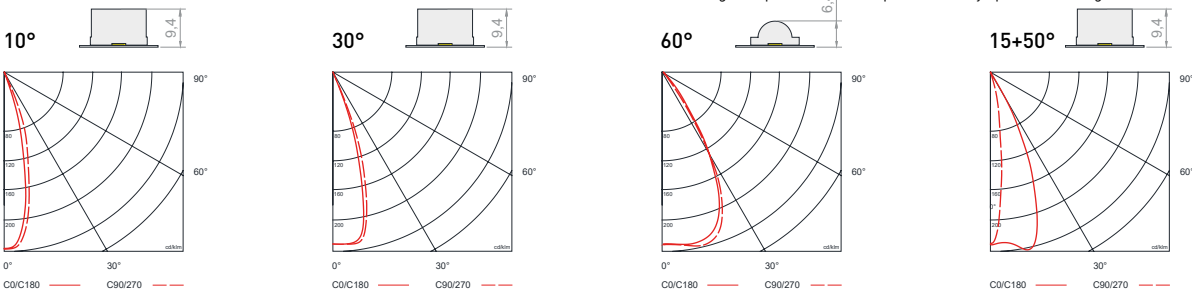
Length max single end power cable (24 / 48Vdc): 2.5 / 5m
Length max double end power cable (24 / 48Vdc): 5 / 10m

Electrical and lighting features

| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|-----------------------------|------------------------|---|--------------|-------------|-----------|--|----------------------------|
| SMD 3535 | -20/+55 | 85 | 18 | 20 | 20 | Yes | 10° / 30° 60 ° / 15+50° |
| Code | Color temperature (K) | Luminous Flux (lm/mt)* | | Voltage | IP | | |
| LL33- V .24/48.20 | 2700 |  | 2200 | 24 / 48 Vdc | 20 |  | LED SMD 3535 |
| LL33- W .24/48.20 | 3000 |  | 2260 | | | | |
| LL33- N .24/48.20 | 4000 |  | 2300 | | | | |
| LL33- C .24/48.20 | 5000 |  | 2350 | | | | |
| Single color | | Nanoscale (nm) | | Voltage | IP | | |
| LL33- R .24/48.20 | Red |  | 625 | 24 / 48 Vdc | 20 | | |
| LL33- G .24/48.20 | Green |  | 525 | | | | |
| LL33- B .24/48.20 | Blue |  | 465 | | | | |
| LL33- A .24/48.20 | Amber |  | 590 | | | | |
| RGB | | Luminous Flux (lm/mt)* | | Voltage | IP | | |
| LL33- RGB .24/48.20 | RGB |  | 1600 | 24 / 48 Vdc | 20 | | |
| RGB - W | | Luminous Flux (lm/mt)* | | Voltage | IP | | |
| LL33- RGBW .24/48.20 | RGB - W |  | 1800 | 24 / 48 Vdc | 20 | | |

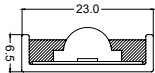
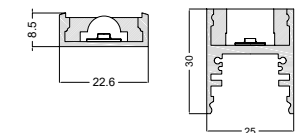
Curva fotometrica

* The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.



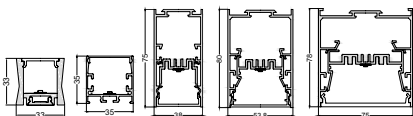
Compatibility LINEA LUCE PROFILE

Compatibility LINEA LUCE FLEX

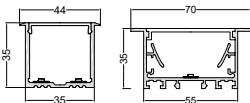


OPTIC LINE / L1001 - L1002

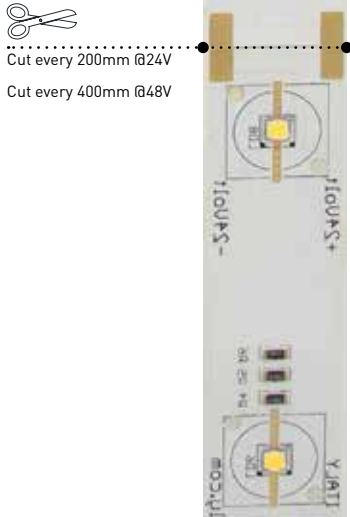
OPTIC LINE / Top Light



HIGH LINE / L301 - L302 - L303 - L304 - L305



RECESSED LINE / L604 - L607

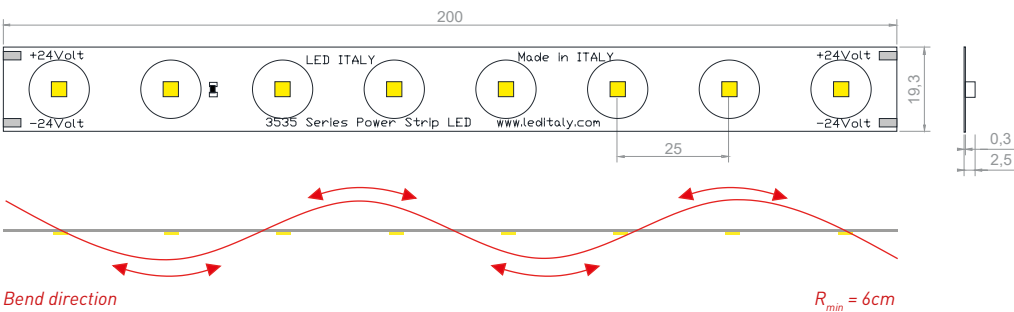


WHITE / Optic LED / LL35

Description














Available sizes and lengths

Flexible LED Strip for indoor use. 40 LED meter with SMD optics 10°, 30°, 60° e 15+50°, available with different color temperatures, single color, RGB or RGB-W. It requires coupling with thermal adhesive to heat sink. Dimmable, 9W/m, 24/48Vdc. Manufactured in automated production line.



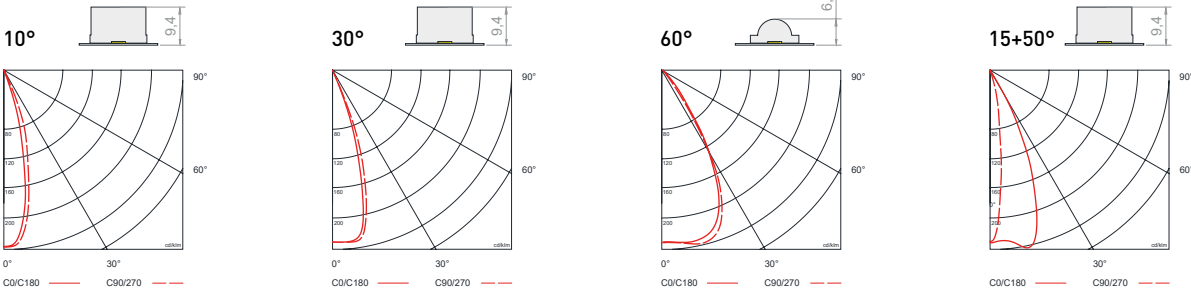
Length max single end power cable (24 / 48Vdc): 5 / 10m
Length max double end power cable (24 / 48Vdc): 10 / 20m

Electrical and lighting features

| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|-----------------------------|------------------------|---|--------------|-------------|-----------|---|----------------------------|
| SMD 3535 | -20/+55 | 85 | 9 | 40 | 20 | Yes | 10° / 30° 60 ° / 15+50° |
| Code | Color temperature (K) | Luminous Flux (lm/mt)* | | Voltage | IP | | |
| LL35- V .24/48.20 | 2700 |  | 1540 | 24 / 48 Vdc | 20 |  | LED SMD 3535 |
| LL35- W .24/48.20 | 3000 |  | 1575 | | | | |
| LL35- N .24/48.20 | 4000 |  | 1700 | | | | |
| LL35- C .24/48.20 | 5000 |  | 1720 | | | | |
| Single color | | Nanoscale (nm) | | Voltage | IP | | |
| LL35- R .24/48.20 | Red |  | 625 | 24 / 48 Vdc | 20 |  | |
| LL35- G .24/48.20 | Green |  | 525 | | | | |
| LL35- B .24/48.20 | Blue |  | 465 | | | | |
| LL35- A .24/48.20 | Amber |  | 590 | | | | |
| RGB | | Luminous Flux (lm/mt)* | | Voltage | IP | | |
| LL35- RGB .24/48.20 | RGB |  | 900 | 24 / 48 Vdc | 20 |  | |
| RGB - W | | Luminous Flux (lm/mt)* | | Voltage | IP | | |
| LL35- RGBW .24/48.20 | RGB - W |  | 1100 | 24 / 48 Vdc | 20 | | |

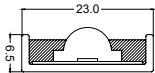
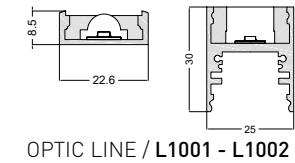
Curva fotometrica

* I valori riportati sono valori tipici. Dovuti alla tolleranza del processo di produzione e ai componenti elettrici, i valori di luminosità e potenza elettrica possono variare fino al 5%. Binning: 3 MacAdam.



Compatibility LINEA LUCE PROFILE

Compatibility LINEA LUCE FLEX



Cut every 200mm @24V
Cut every 400mm @48V

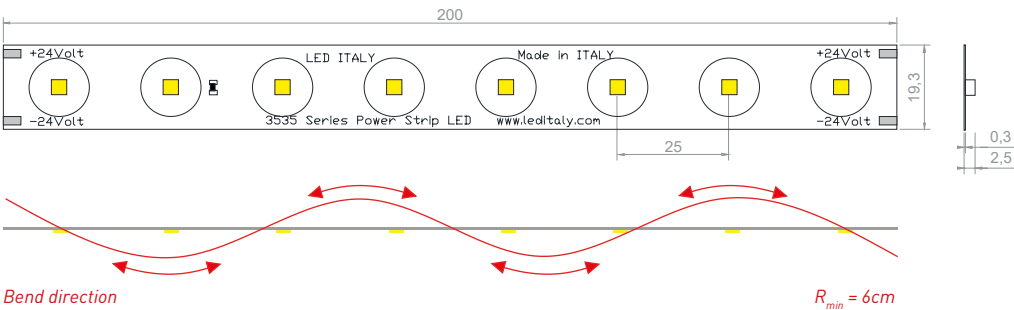


WHITE / Optic LED / LL36

Description

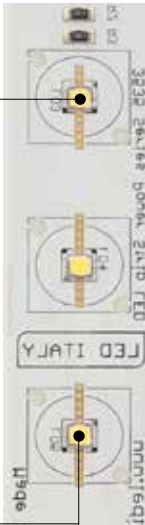








Available sizes and lengths

Flexible LED Strip for indoor use. 40 LED meter with SMD optics 10°, 30°, 60° e 15+50°, available with different color temperatures single color, RGB or RGB-W. It requires coupling with thermal adhesive to heat sink. Dimmable, 18W/m, 24/48Vdc. Manufactured in automated production line.



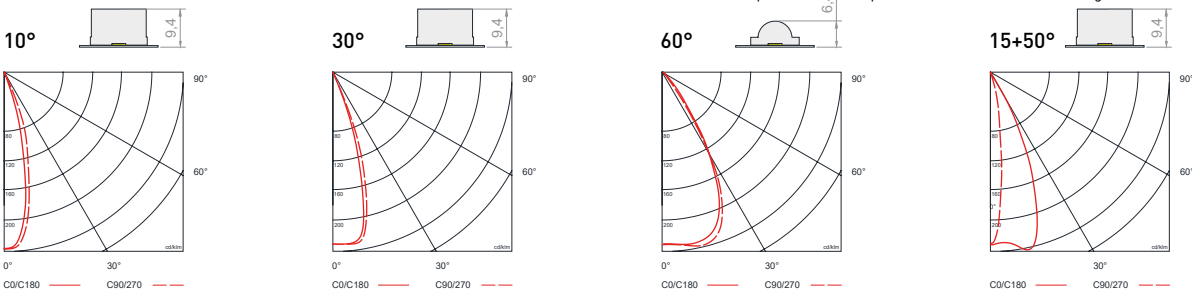
Length max single end power cable (24 / 48Vdc): 2.5 / 5m
Length max double end power cable (24 / 48Vdc): 5 / 10m

Electrical and lighting features

| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic | |
|-----------------------------|------------------------|---|--------------|-------------|-----------|--------------|--|--|
| SMD 3535 | -20/+55 | 85 | 18 | 40 | 20 | Yes | 10° / 30° 60 ° / 15+50° | |
| Code | Color temperature (K) | Luminous Flux (lm/mt)* | | Voltage | IP | | | |
| LL36- V .24/48.20 | 2700 |  | 2675 | 24 / 48 Vdc | 20 | LED SMD 3535 |  | |
| LL36- W .24/48.20 | 3000 |  | 2620 | | | | | |
| LL36- N .24/48.20 | 4000 |  | 2930 | | | | | |
| LL36- C .24/48.20 | 5000 |  | 2560 | | | | | |
| Single color | | Nanoscale (nm) | | Voltage | IP | | | |
| LL36- R .24/48.20 | Red |  | 625 | 24 / 48 Vdc | 20 | | | |
| LL36- G .24/48.20 | Green |  | 525 | | | | | |
| LL36- B .24/48.20 | Blue |  | 465 | | | | | |
| LL36- A .24/48.20 | Amber |  | 590 | | | | | |
| RGB | | Luminous Flux (lm/mt)* | | Voltage | IP | | | |
| LL36- RGB .24/48.20 | RGB |  | 1800 | 24 / 48 Vdc | 20 | | | |
| RGB - W | | Luminous Flux (lm/mt)* | | Voltage | IP | | | |
| LL36- RGBW .24/48.20 | RGB - W |  | 2000 | 24 / 48 Vdc | 20 | | | |

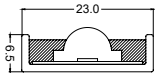
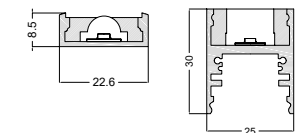
Curva fotometrica

* I valori riportati sono valori tipici. Dovuti alla tolleranza del processo di produzione e ai componenti elettrici, i valori di luminosità e potenza elettrica possono variare fino al 5%. Binning: 3 MacAdam.



Compatibility LINEA LUCE PROFILE

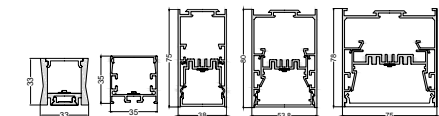
Compatibility LINEA LUCE FLEX



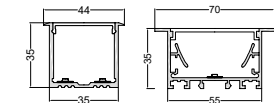
Cut every 200mm @24V
Cut every 400mm @48V

OPTIC LINE / L1001 - L1002

OPTIC LINE / Top Light



HIGH LINE / L301 - L302 - L303 - L304 - L305



RECESSED LINE / L604 - L607



Tunable white.



TUNABLE WHITE

The Tunable White LED strips have been designed to give an additional level of visual comfort thanks to the mixing of two different shades of white between them. This process which requires external control, allows to recreate the different conditions of brightness and color temperature that are present during the day.

The small section Kapton® printed circuit board is equipped with 240 LEDs, 120+120 SMD 3014, combined between two different CCT, whose mixing, allows a specific range of color temperature range.

Applications



RESIDENTIAL



WORKPLACE










HOSPITALITY



INDOOR SHOP



INDUSTRIAL

| Linea Luce | Available colors | CRI | Voltage [Volt] | LED / m | Efficiency [lm/W] | Power [W/m] | End power cable | | Page |
|---------------|--|-----|-------------------|---------|----------------------|----------------|-----------------|------------|---------|
| | | | | | | | single [m] | double [m] | |
| LL TW1 |  2700K - 5000K | 85 | 12 | 60+60 | 62 | 13 | 5 | 10 | pag. 46 |
| LL TW2 |  2700K - 5000K | 85 | 24 | 120+120 | 129 | 12 | 5 | 10 | pag. 47 |
| LL TW3 |  2700K - 400K | 85 | 24 | 120+120 | 129 | 12 | 5 | 10 | pag. 48 |
| LL TW4 |  1800K - 300K | 85 | 24 | 120+120 | 129 | 12 | 5 | 10 | pag. 49 |
| LL TW5 |  2700K - 5000K | 85 | 24 | 120+120 | 110 | 25 | 2.5 | 5 | pag. 50 |
| LL TW6 |  2700K - 400K | 85 | 24 | 120+120 | 110 | 25 | 2.5 | 5 | pag. 51 |
| LL TW7 |  1800K - 300K | 85 | 24 | 120+120 | 110 | 25 | 2.5 | 5 | pag. 52 |

Product codes

LLXXX

-

(12/24)

.

(20/60)

Linea
luce

Voltage

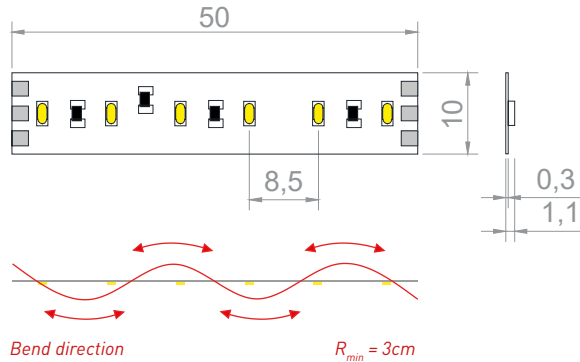
IP rate

TUNABLE WHITE / LLTW1

Description

Available sizes and lengths

Flexible LED Strip for indoor use. 60+60 LED meter, tunable white 2700K - 5000K. It requires coupling with thermal adhesive to heat sink. Dimmable, 13W/m, 12Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.

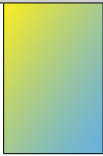


Length max single end power cable (12 Vdc): 5m
Length max double end power cable (12 Vdc): 10m

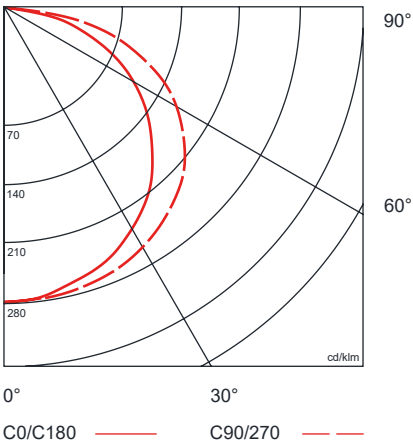
Electrical and lighting features

| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|----------|------------------------|-----|--------------|--------|-----------|----------|-------|
| SMD 3014 | -20/+55 | 85 | 13 | 60+60 | 20/60 | Si | 120° |

| Code | Color temperature (K) | Luminous Flux (lm/mt)* | Voltage | IP |
|----------------|-----------------------|------------------------|---------|---------|
| LLTW1-12.20/60 | 2700 5000 | 800 | 12 Vdc | 20 / 60 |



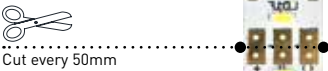
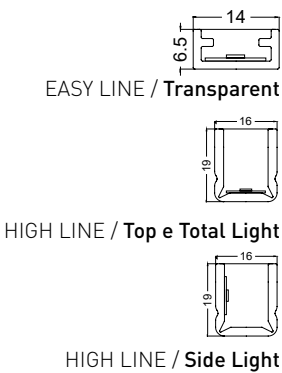
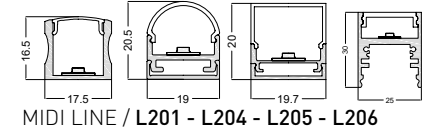
Photometric curve



* The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.

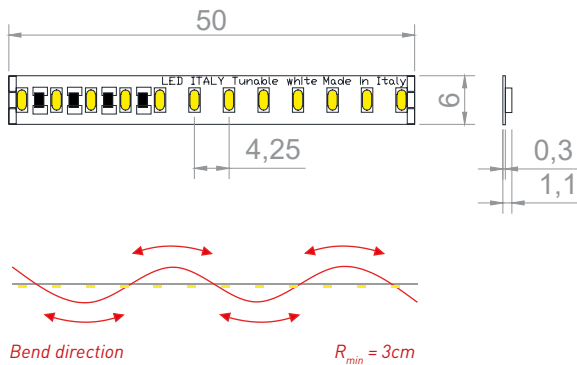
Compatibility LINEA LUCE PROFILE

Compatibility LINEA LUCE FLEX



TUNABLE WHITE / LLTW2

Flexible LED Strip for indoor use. 120+120 LED meter, tunable white 2700K - 5000K. It requires coupling with thermal adhesive to heat sink. Dimmable, 12W/m, 24Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.



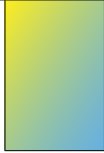
Length max single end power cable [24Vdc]: 5m
Length max double end power cable [24Vdc]: 10m

Electrical and lighting features

| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|----------|------------------------|------------------------|--------------|---------|-----------|----------|-------|
| SMD 3014 | -20/+55 | 85 | 12 | 120+120 | 20/60 | Si | 120° |
| Code | Color temperature (K) | Luminous Flux (lm/mt)* | | Voltage | IP | | |

LLTW2-24.20/60

2700
5000



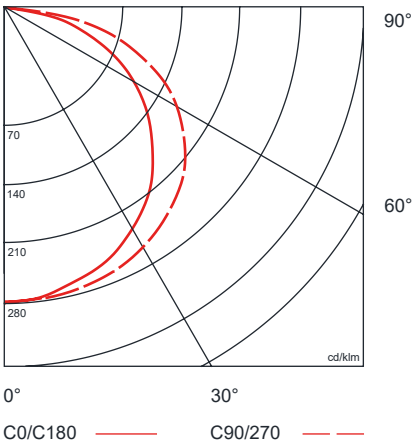
1550

24 Vdc

20 / 60

LED SMD 3014

Photometric curve

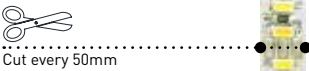
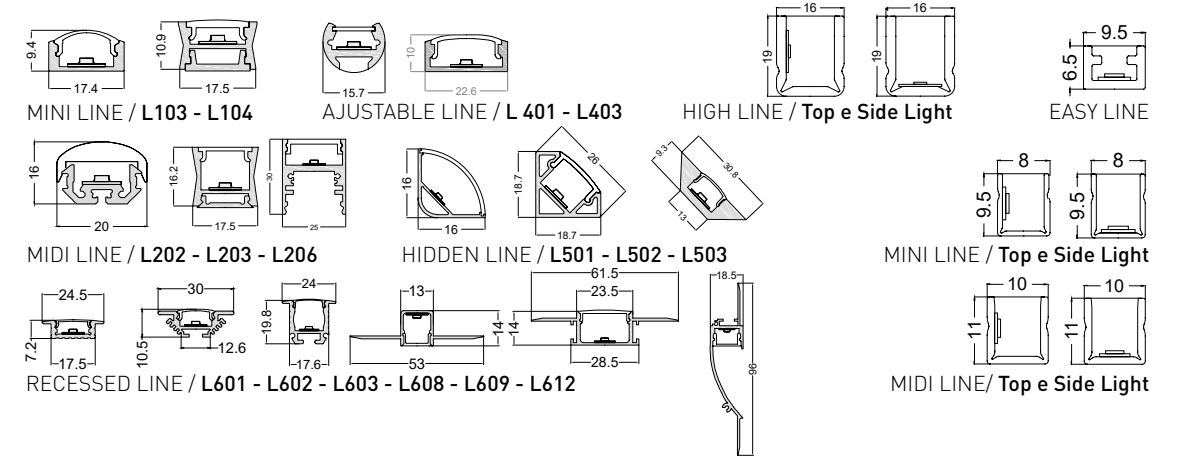


* The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.

LED pitch 4.25mm

Compatibility LINEA LUCE PROFILE

Compatibility LINEA LUCE FLEX

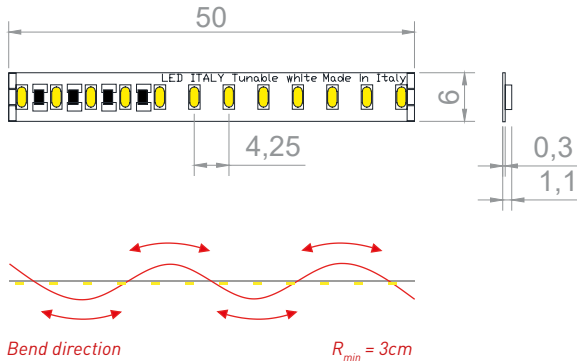


TUNABLE WHITE / LLTW3

Description

Available sizes and lengths

Flexible LED Strip for indoor use. 120+120 LED meter, tunable white 2700K - 4000K. It requires coupling with thermal adhesive to heat sink. Dimmable, 12W/m, 24Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.



Length max single end power cable [24Vdc]: 5m
Length max double end power cable [24Vdc]: 10m

Electrical and lighting features

| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|----------|------------------------|------------------------|--------------|---------|-----------|----------|-------|
| SMD 3014 | -20/+55 | 85 | 12 | 120+120 | 20/60 | Si | 120° |
| Code | Color temperature (K) | Luminous Flux (lm/mt)* | | Voltage | IP | | |

LLTW3-24.20/60

2700
4000



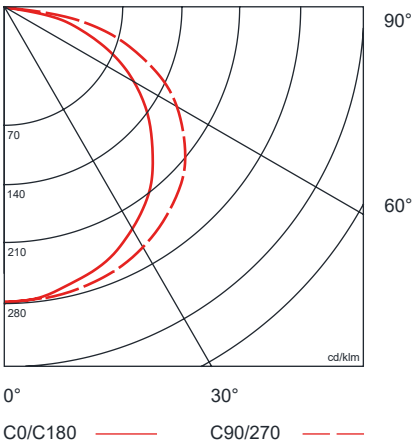
1550

24 Vdc

20 / 60

LED SMD 3014

Photometric curve

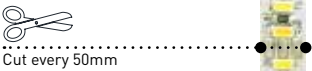
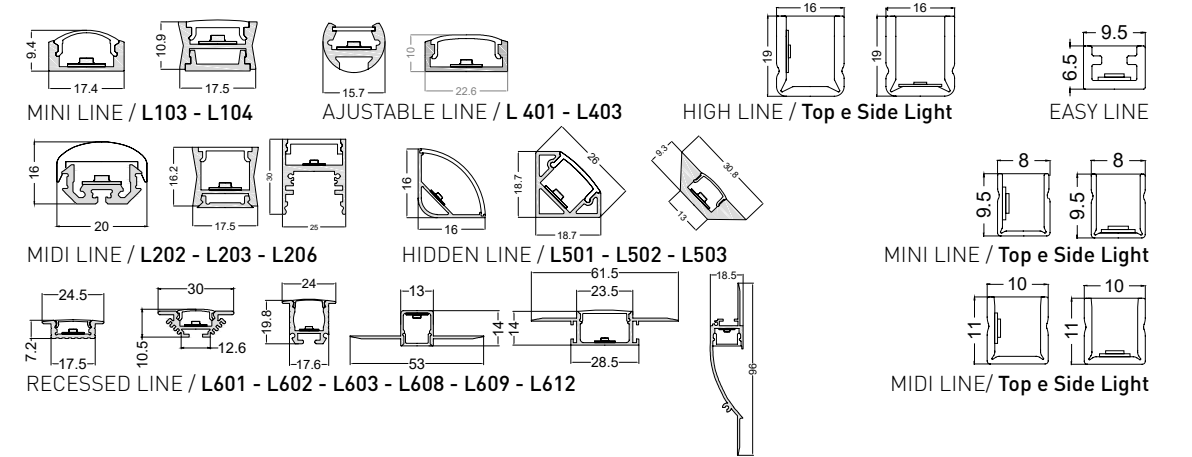


* The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.

LED pitch 4.25mm

Compatibility LINEA LUCE PROFILE

Compatibility LINEA LUCE FLEX

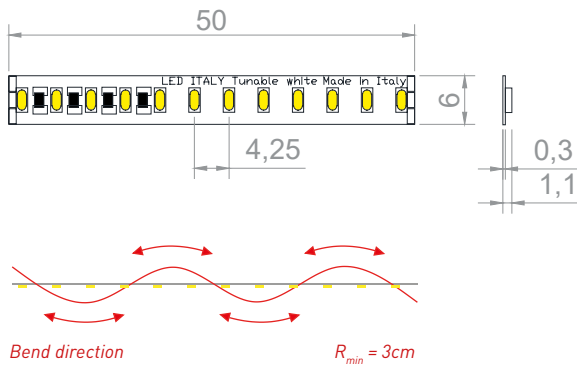


TUNABLE WHITE / LLTW4

Description

Available sizes and lengths

Flexible LED Strip for indoor use. 120+120 LED meter, tunable white 1800K - 3000K. It requires coupling with thermal adhesive to heat sink. Dimmable, 12W/m, 24Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.



Length max single end power cable [24Vdc]: 5m
Length max double end power cable [24Vdc]: 10m

Electrical and lighting features

| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|----------|------------------------|------------------------|--------------|---------|-----------|----------|-------|
| SMD 3014 | -20/+55 | 85 | 12 | 120+120 | 20/60 | Si | 120° |
| Code | Color temperature (K) | Luminous Flux (lm/mt)* | | Voltage | IP | | |

LLTW4-24.20/60

1800
3000

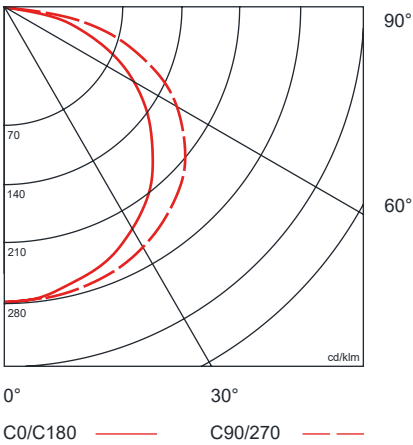
1550

24 Vdc

20 / 60

LED SMD 3014

Photometric curve

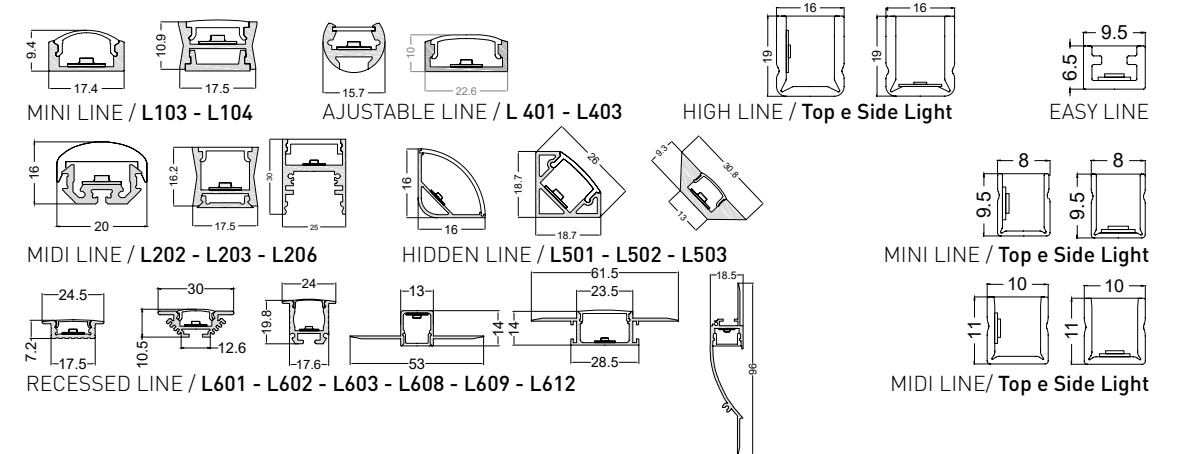


* The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.

LED pitch 4.25mm

Compatibility LINEA LUCE PROFILE

Compatibility LINEA LUCE FLEX



Cut every 50mm

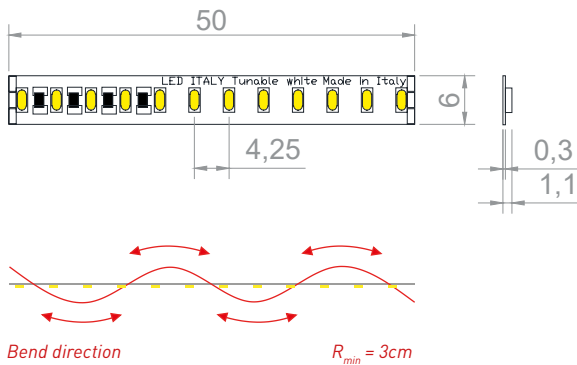


TUNABLE WHITE / LLTW5

Description

Available sizes and lengths

Flexible LED Strip for indoor use. 120+120 LED meter, tunable white 2700K - 5000K. It requires coupling with thermal adhesive to heat sink. Dimmable, 25W/m, 24Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.



Length max single end power cable (24Vdc): 2.5m
Length max double end power cable (24Vdc): 5m

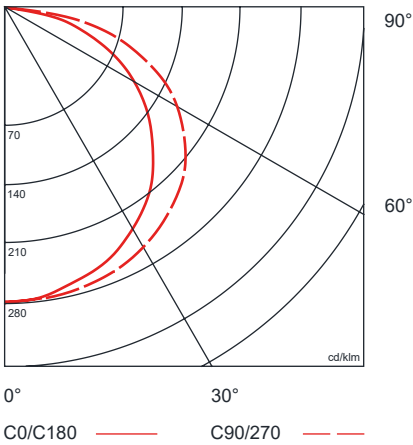
Electrical and lighting features

| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|----------|------------------------|-----|--------------|---------|-----------|----------|-------|
| SMD 3014 | -20/+55 | 85 | 25 | 120+120 | 20/60 | Si | 120° |

| Code | Color temperature (K) | Luminous Flux (lm/mt)* | Voltage | IP |
|----------------|-----------------------|------------------------|---------|---------|
| LLTW5-24.20/60 | 2700 5000 | 2650 | 24 Vdc | 20 / 60 |



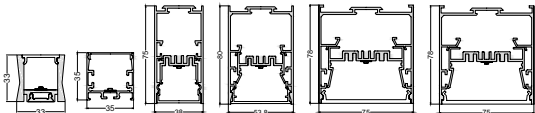
Photometric curve



* The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.

LED pitch 4.25mm

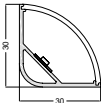
Compatibility LINEA LUCE PROFILE



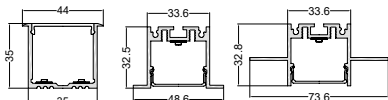
HIGH LINE / L301 - L 302 - L303 - L304 - L305 - L306



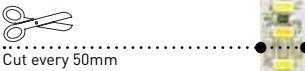
AJUSTABLE LINE / L 402



HIDDEN LINE / L504



RECESSED LINE / L604 - L605 - L606

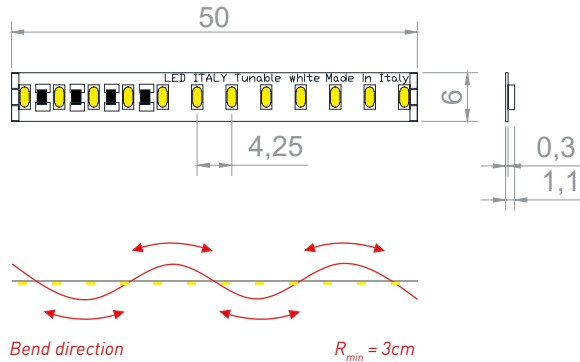


TUNABLE WHITE / LLTW6

Description

Available sizes and lengths

Flexible LED Strip for indoor use. 120+120 LED meter, tunable white 2700K - 4000K. It requires coupling with thermal adhesive to heat sink. Dimmable, 25W/m, 24Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.

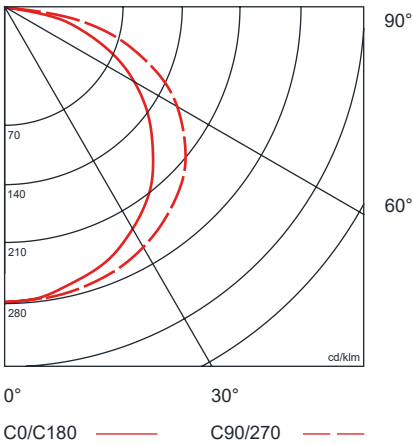


Length max single end power cable (24Vdc): 2.5m
Length max double end power cable (24Vdc): 5m

Electrical and lighting features

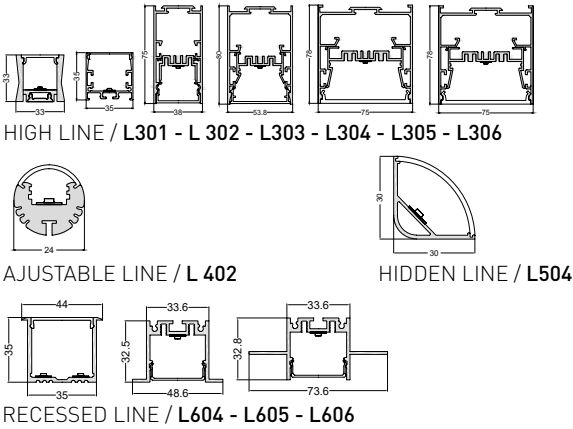
| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|----------------|------------------------|------------------------|--------------|---------|-----------|----------|-------|
| SMD 3014 | -20/+55 | 85 | 25 | 120+120 | 20/60 | Si | 120° |
| Code | Color temperature (K) | Luminous Flux (lm/mt)* | | Voltage | IP | | |
| LLTW6-24.20/60 | 2700 4000 | 2650 | | 24 Vdc | 20 / 60 | | |

Photometric curve



* The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.

Compatibility LINEA LUCE PROFILE

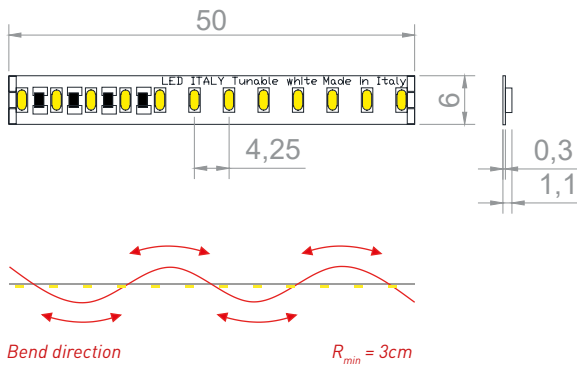


Cut every 50mm



TUNABLE WHITE / LLTW7

Flexible LED Strip for indoor use. 120+120 LED meter, tunable white 1800K - 3000K. It requires coupling with thermal adhesive to heat sink. Dimmable, 25W/m, 24Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.



Length max single end power cable (24Vdc): 2.5m
Length max double end power cable (24Vdc): 5m

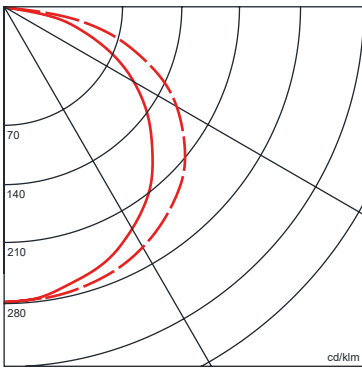
Electrical and lighting features

| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|----------|------------------------|-----|--------------|---------|-----------|----------|-------|
| SMD 3014 | -20/+55 | 85 | 25 | 120+120 | 20/60 | Si | 120° |

| Code | Color temperature (K) | Luminous Flux (lm/mt)* | Voltage | IP |
|----------------|-----------------------|------------------------|---------|---------|
| LLTW7-24.20/60 | 1800 3000 | 2650 | 24 Vdc | 20 / 60 |

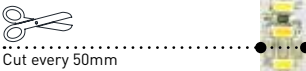
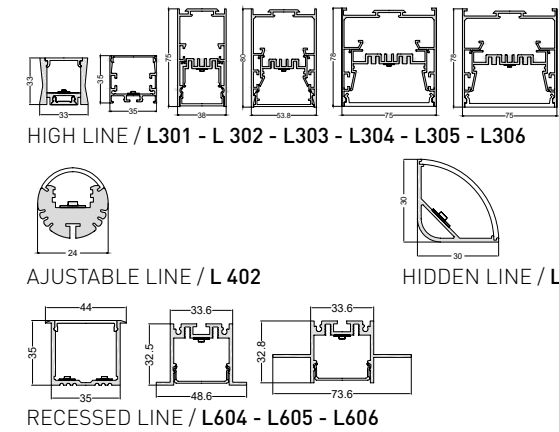


Photometric curve



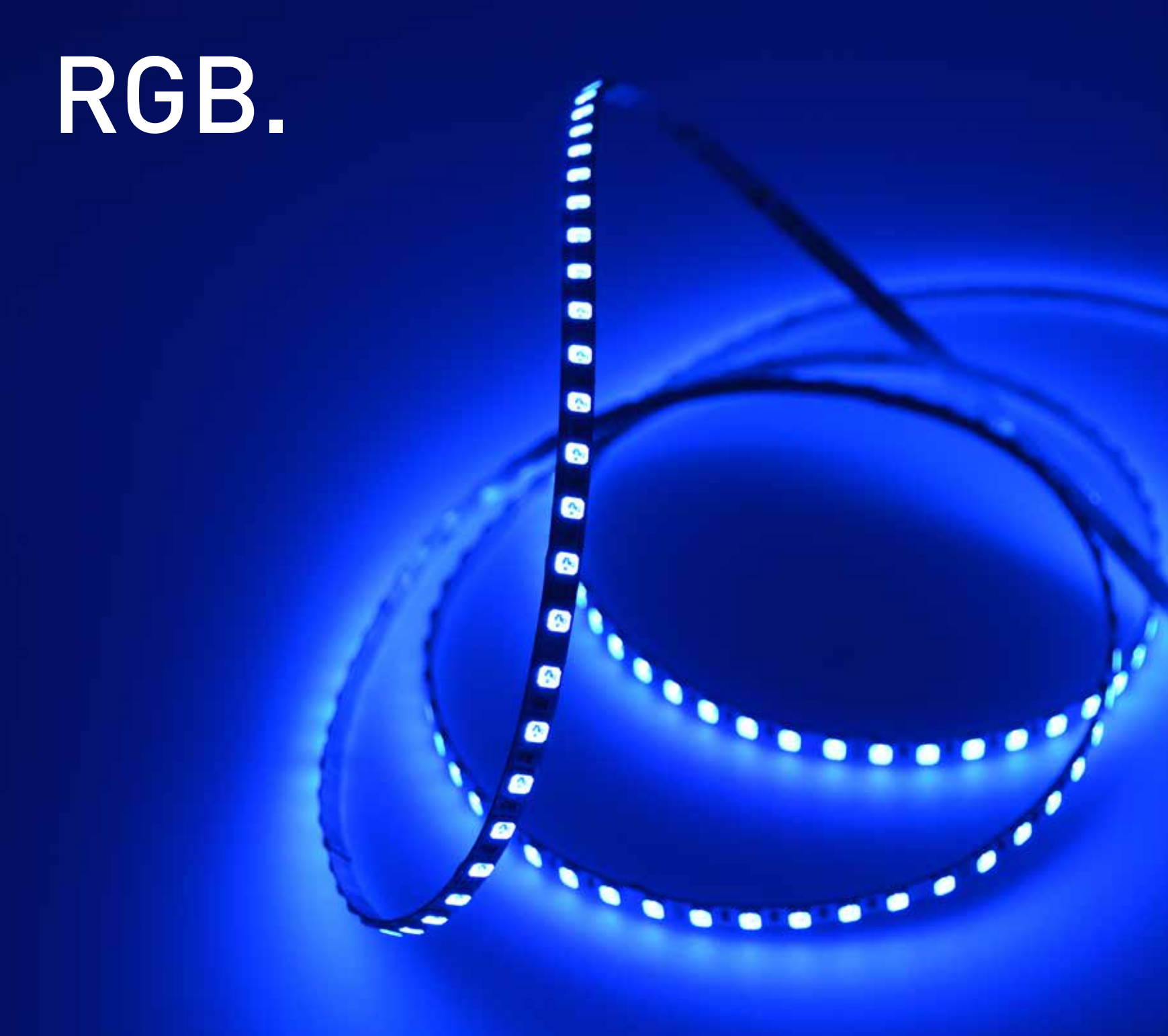
* The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.

Compatibility LINEA LUCE PROFILE





RGB.



RGB

The LED Flexible Strip Light Line collection also includes models dedicated to particular applications and architectural and entertainment needs. Many models in the catalogue, both single and double LED, are also available in the version with colored diode in primary colors RED, GREEN BLU, and AMBER or PINK.

The RGB Light Line RGB1 and RGB3 LED strips, the latter to be used in combination with our profiles, allow a perfect reproduction of the infinite shades. RGB3 Light Line equipped with 120 SMD meter has optimal color diffusion. Line Light RGBW with 60 LED Full RGB and 60 LED white allows a double use of the strip itself.

Applications



RESIDENTIAL



WORKPLACE







HOSPITALITY



INDOOR SHOP



INDUSTRIAL

| Linea Luce | Available colors | CRI | Voltage [Volt] | LED / m | Efficiency [lm/W] | Power [W/m] | End power cable | | Page |
|---------------|---|-----|-------------------|---------|----------------------|----------------|-----------------|------------|---------|
| | | | | | | | single [m] | double [m] | |
| LL RGB1 |  | 80 | 12 24 | 60 | 35 | 15 | 2.5 5 | 5 10 | pag. 56 |
| LL RGB2 |  | 80 | 12 24 | 60 | 35 | 25 | 2 4 | 4 8 | pag. 57 |
| LL RGB3 |  | 80 | 24 | 120 | 55 | 15.5 | 5 | 10 | pag. 58 |
| LL RGBW |  | 80 | 24 | 60+60 | 45 | 19.2 | 4 | 8 | pag. 59 |

Product codes

LLXXX

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(12/24)

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(20/60)

Linea
luce

Voltage

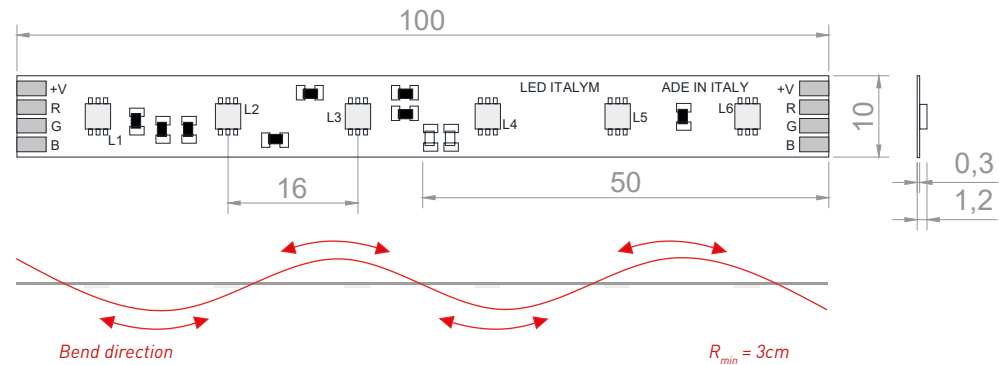
IP rate

RGB / LLRGB1

Description

Available sizes and lengths

Flexible LED Strip for indoor use. 60 LED meter, RGB. It requires coupling with thermal adhesive to heat sink. Dimmable, 15W/m, 12/24Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.



Length max single end power cable (12/24 Vdc): 2.5/5m
Length max double end power cable (12/24 Vdc): 5/10m

Electrical and lighting features

| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|----------|------------------------|------------------------|--------------|---------|-----------|----------|-------|
| SMD 5050 | -20/+55 | 80 | 15 | 60 | 20/60 | Yes | 120° |
| Code | Color temperature (K) | Luminous Flux (lm/mt)* | | Voltage | IP | | |

LLRGB1-12/24.20/60

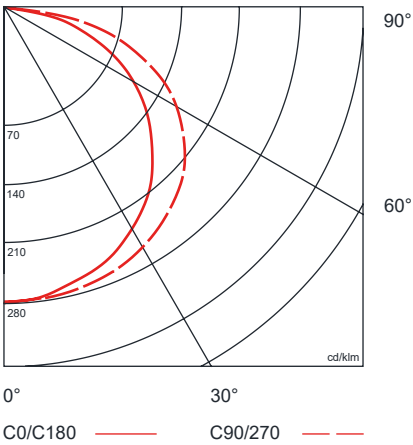
RGB

515

12 / 24 Vdc

20 / 60

Photometric curve



* The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.

Compatibility LINEA LUCE PROFILE

Compatibility LINEA LUCE FLEX

MIDI LINE / L201 - L204 - L205 - L206

EASY LINE / Transparent, Clear e Frost

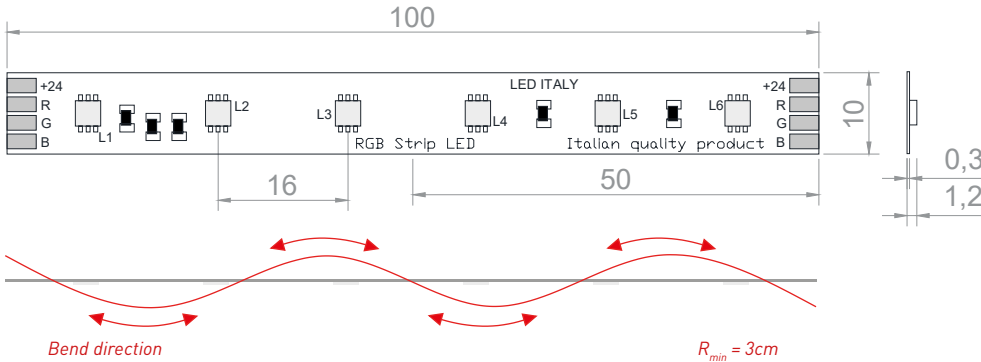
HIGH LINE / Top e Side Light

RGB / LLRGB2

Description

Available sizes and lengths

Flexible LED Strip for indoor use. 60 LED meter, RGB. It requires coupling with thermal adhesive to heat sink. Dimmable, 25W/m, 12/24Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.



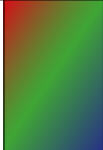
Length max single end power cable (12/24 Vdc): 2/4m
Length max double end power cable (12/24 Vdc): 4/8m

Electrical and lighting features

| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|----------|------------------------|------------------------|--------------|---------|-----------|----------|-------|
| SMD 5050 | -20/+55 | 80 | 25 | 60 | 20/60 | Yes | 120° |
| Code | Color temperature (K) | Luminous Flux (lm/mt)* | | Voltage | IP | | |

LLRGB2-12/24.20/60

RGB



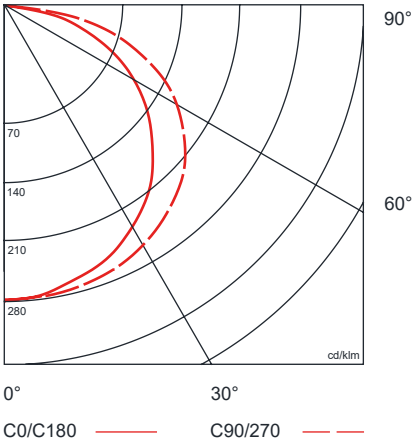
855

12 / 24 Vdc

20 / 60

LED SMD 5050

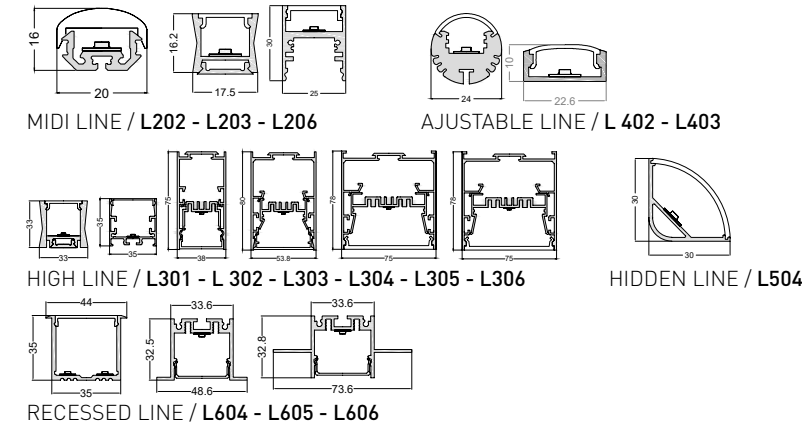
Photometric curve



* The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.

LED pitch 16mm

Compatibility LINEA LUCE PROFILE

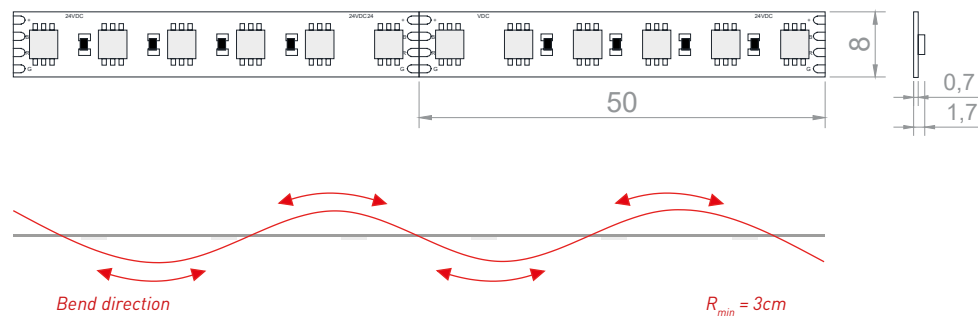


Cut every 100mm



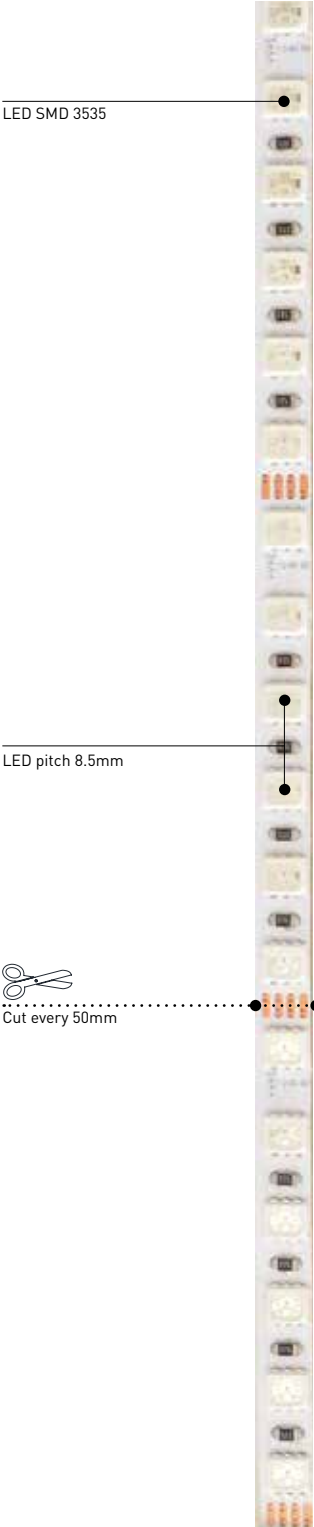
RGB / LLRGB3

Flexible LED Strip for indoor use. 120 LED meter, RGB. It requires coupling with thermal adhesive to heat sink. Dimmable, 15.5W/m, 24Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.

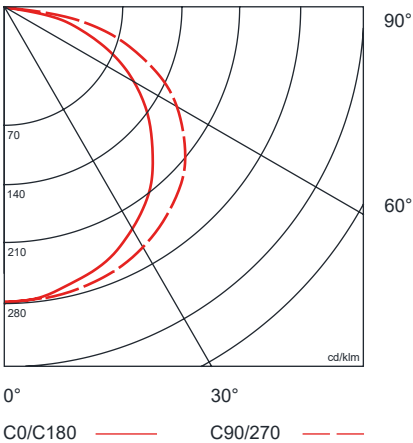


Length max single end power cable [24Vdc]: 5m
Length max double end power cable [24Vdc]: 10m

| Electrical and lighting features | | | | | | | |
|----------------------------------|------------------------|------------------------|--------------|---------|-----------|----------|-------|
| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
| SMD 3535 | -20/+55 | 80 | 15.5 | 120 | 20/60 | Yes | 120° |
| Code | Color temperature (K) | Luminous Flux (lm/mt)* | | Voltage | IP | | |
| LLRGB3-24.20/60 | RGB | 810 | | 24 Vdc | 20 / 60 | | |



Photometric curve



* The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.

Compatibility LINEA LUCE PROFILE

Compatibility LINEA LUCE FLEX

MINI LINE / L103 - L104

HIGH LINE / Tutti i modelli

HIDDEN LINE / L501 - L502 - L503

MIDI LINE / Tutti i modelli

AJUSTABLE LINE / Tutti i modelli

RECESSED LINE / Tutti i modelli

EASY LINE / Transparent, Clear e Frost

MIDI LINE/ Top e Side Light

HIGH LINE / Top e Side Light

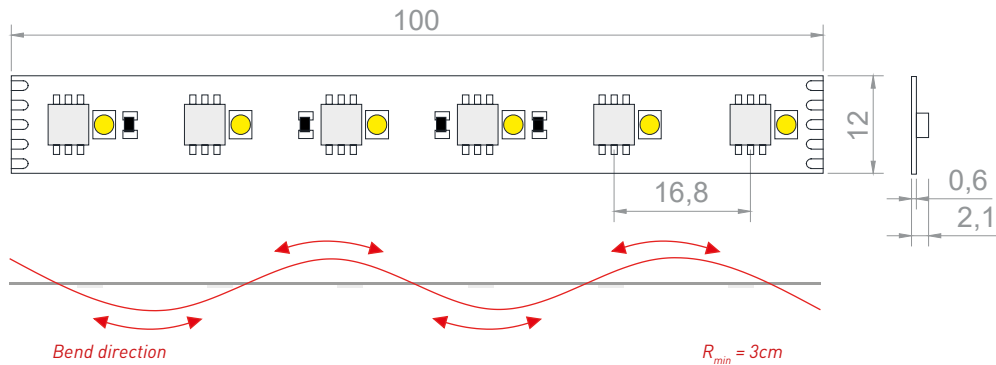


RGB / **LLRGBW**

Description

Available sizes and lengths

Flexible LED Strip for indoor use. 60 LED meter, RGB + W (3000K). It requires coupling with thermal adhesive to heat sink. Dimmable, 19.2W/m, 24Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.



Length max single end power cable (24Vdc): 4m
Length max double end power cable (24Vdc): 8m

Electrical and lighting features

| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|-------------------------------------|------------------------|------------------------|--------------|---------|-----------|----------|-------|
| FULL RGB SMD 5050 WHITE SMD 2835 | -20/+55 | 80 | 19.2 | 60+60 | 20/60 | Yes | 120° |
| Code | Color temperature (K) | Luminous Flux (lm/mt)* | | Voltage | IP | | |

LLRGBW-24.20/60

RGB
+ W (3000K)

560
910

24 Vdc

20 / 60

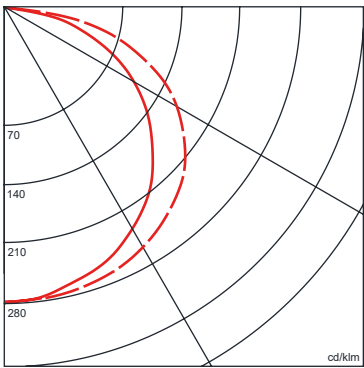
FULL RGB SMD 5050

WHITE SMD 2835

LED pitch 16.8mm

Cut every 100mm

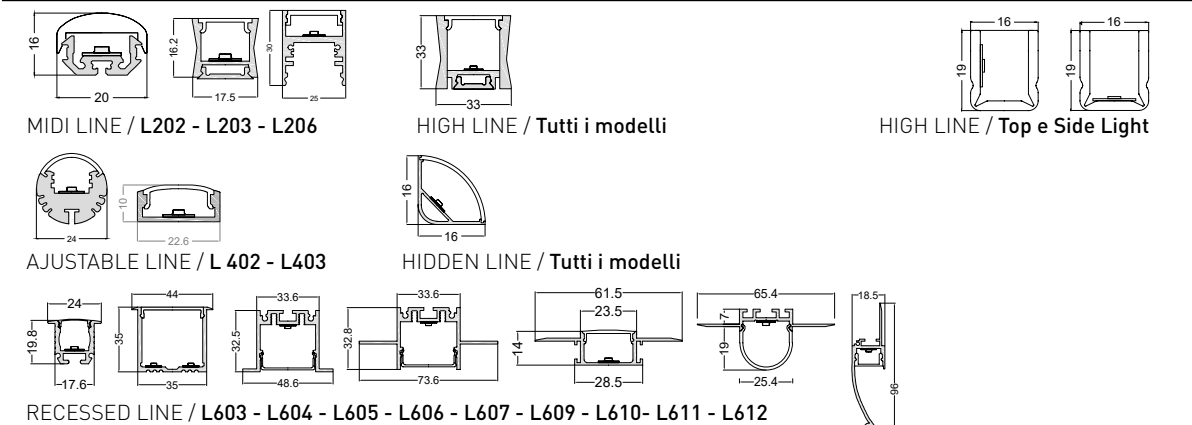
Photometric curve



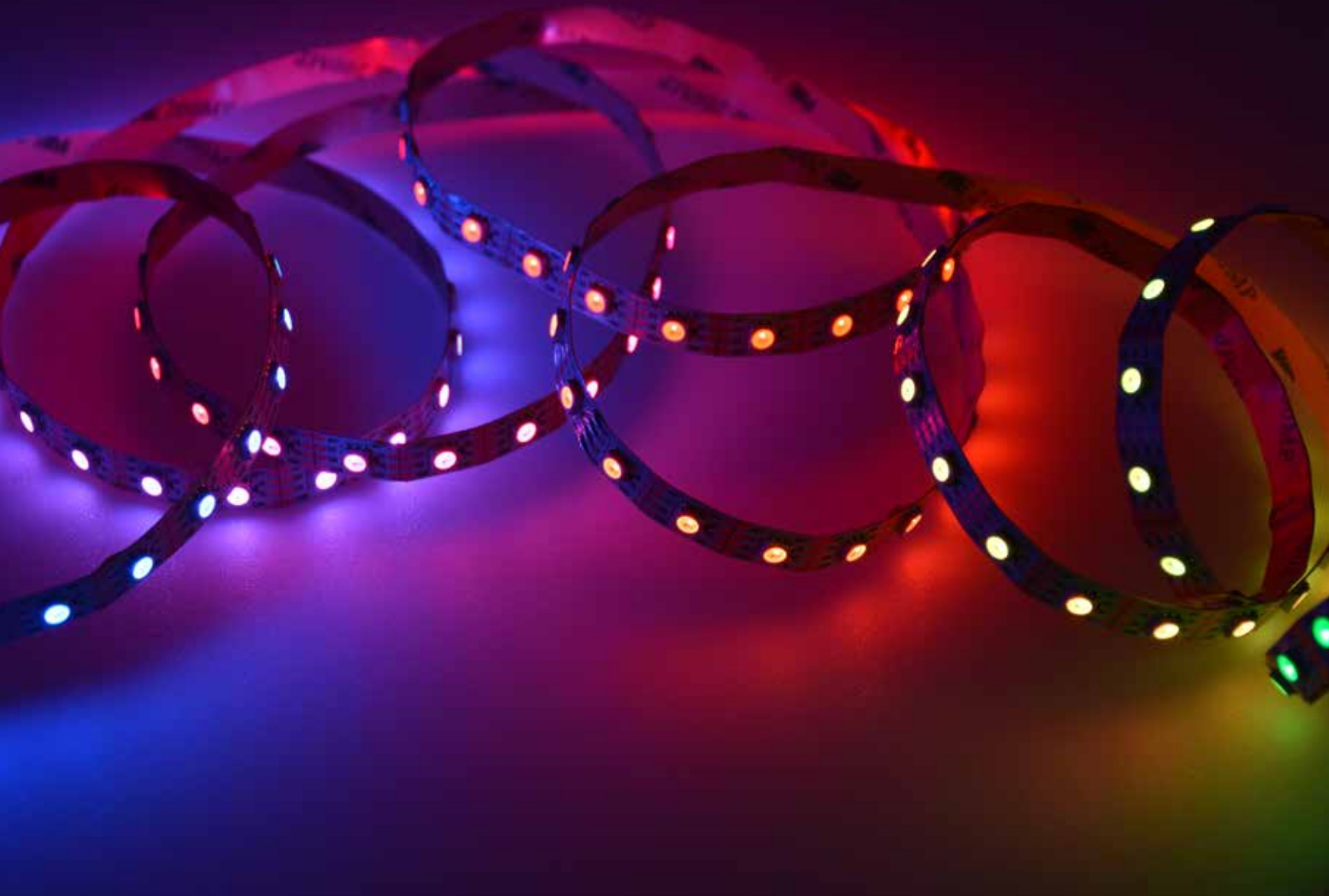
* The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.

Compatibility LINEA LUCE PROFILE

Compatibility LINEA LUCE FLEX



RGB DOT.



RGB DOT

Mixing color and movement for the scenography shades of light and for representing dynamic signals, capable of transmitting messages like words. LED ITALY has created the innovative range of flexible linear products for use using the Digital Signage technique.

Each LED strip is equipped with LED diodes DOT FULL RGB WS2813, WS2815 or WS2818 directly and individually addressable through external controllers whose programming is done by dedicated software. Designed for the scenography, television and architectural environment, all the RGB DOT LED Strips are manufactured in automated production lines.

Applications



RESIDENTIAL



WORKPLACE






HOSPITALITY



INDOOR SHOP



INDUSTRIAL

| Linea Luce | Available colors | CRI | Voltage [Volt] | LED / m | Efficiency [lm/W] | Power [W/m] | End power cable | | Page |
|---------------|---|-----|-------------------|---------|----------------------|----------------|-----------------|------------|---------|
| | | | | | | | single [m] | double [m] | |
| LL 30D |  | 80 | 12 | 30 | - | 9 | 10 | 20 | pag. 62 |
| LL 60D |  | 80 | 12 | 60 | - | 18 | 6 | 3 | pag. 63 |
| LL 114D |  | 80 | 12 | 144 | - | 36 | 4 | 8 | pag. 64 |

Product codes

LLXXX - (12) . (20/60)

Linea
luce

Voltage

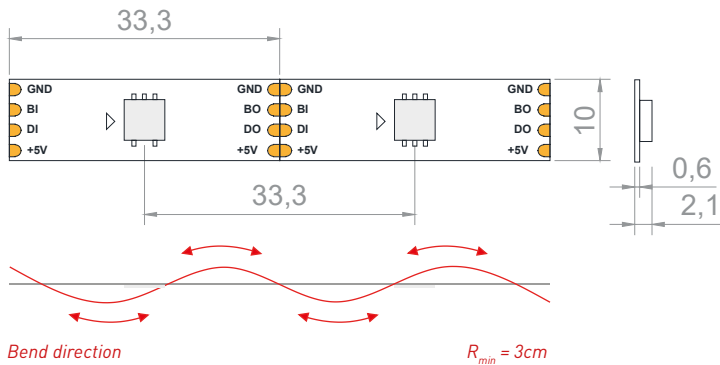
IP rate

RGB DOT / LL30D

Description

Available sizes and lengths

Flexible LED Strip for indoor use. 30 LED meter, RGB single addressable. It requires coupling with thermal adhesive to heat sink. Dimmable, 9W/m, 12Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.

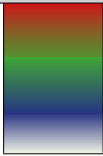


Length max single end power cable (5 Vdc): 10m
Length max double end power cable (5 Vdc): 20m

Electrical and lighting features

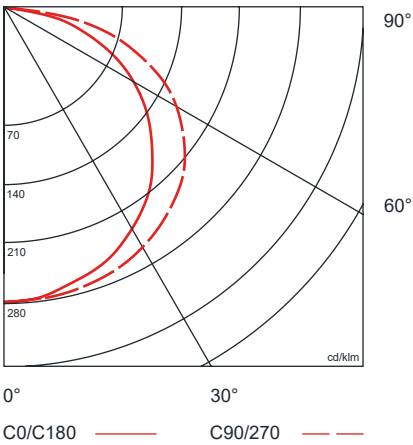
| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|------------------------------|------------------------|-----|--------------|--------|-----------|----------|-------|
| SMD WS2813 / WS2815 / WS2818 | -20/+55 | 80 | 9 | 30 | 20/60 | Si | 120° |

| Code | Color temperature (K) | Luminous Flux (lm/mt)* | Voltage | IP |
|----------------|-----------------------|------------------------|---------|---------|
| LL30D-12.20/60 | RGB DOT | - | 12 Vdc | 20 / 60 |



SMD WS2813 /
SMD WS2815 /
SMD WS2818

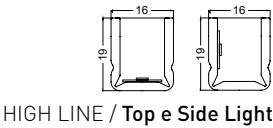
Photometric curve



* The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.

LED pitch 33.3mm

Compatibility LINEA LUCE FLEX



Cut every 33.3mm

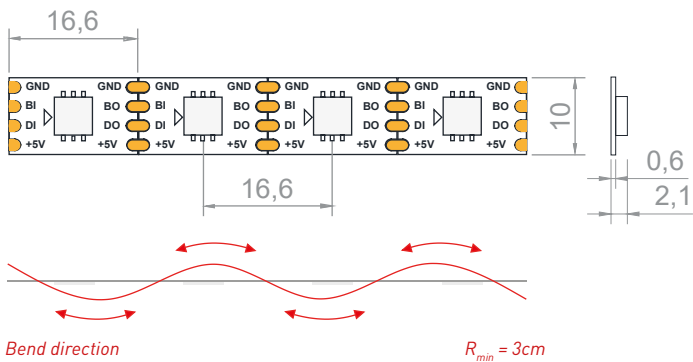


RGB DOT / LL60D

Description

Available sizes and lengths

Flexible LED Strip for indoor use. 60 LED meter, RGB single addressable. It requires coupling with thermal adhesive to heat sink. Dimmable, 18W/m, 12Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.



Length max single end power cable (12 Vdc): 6m
Length max double end power cable (12 Vdc): 12m

Electrical and lighting features

| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|------------------------------|------------------------|------------------------|--------------|---------|-----------|----------|-------|
| SMD WS2813 / WS2815 / WS2818 | -20/+55 | 80 | 18 | 60 | 20/60 | Si | 120° |
| Code | Color temperature (K) | Luminous Flux (lm/mt)* | | Voltage | IP | | |

LL90D-12.20/60

RGB DOT



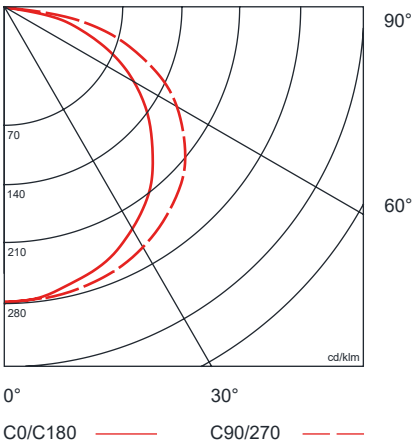
-

12 Vdc

20 / 60

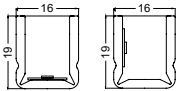
SMD WS2813 /
SMD WS2815 /
SMD WS2818

Photometric curve



* The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.

LED pitch 16.6mm



HIGH LINE / Top e Side Light

Cut every 16.6mm

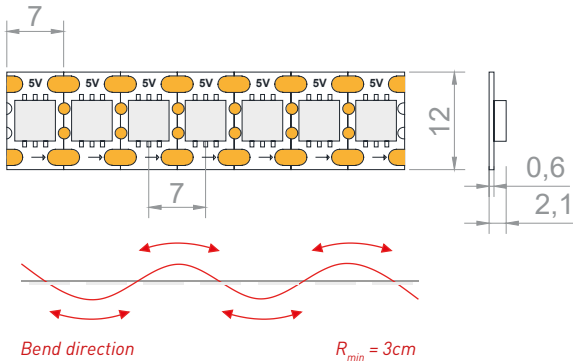


RGB DOT / LL144D

Description

Available sizes and lengths

Flexible LED Strip for indoor use. 144 LED meter, RGB single addressable. It requires coupling with thermal adhesive to heat sink. Dimmable, 36W/m, 12Vdc. Manufactured in automated production line. Coat Version is the IP60 version for indoor use with Conformal Coating processing against dust.



Length max single end power cable (12Vdc): 4m
Length max double end power cable (12Vdc): 8m

Electrical and lighting features

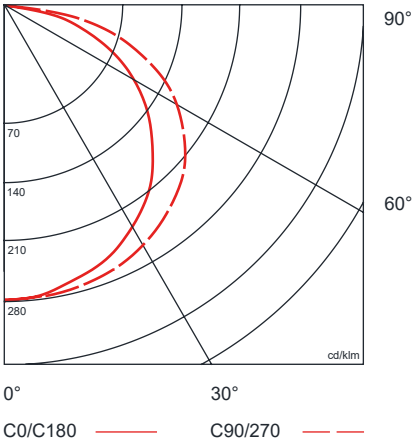
| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
|------------------------------|------------------------|-----|--------------|--------|-----------|----------|-------|
| SMD WS2813 / WS2815 / WS2818 | -20/+55 | 80 | 36 | 144 | 20/60 | Si | 120° |

| Code | Color temperature (K) | Luminous Flux (lm/mt)* | Voltage | IP |
|-----------------|-----------------------|------------------------|---------|---------|
| LL144D-12.20/60 | RGB DOT | - | 12 Vdc | 20 / 60 |



SMD WS2813 /
SMD WS2815 /
SMD WS2818

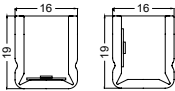
Photometric curve



* The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.

LED pitch 7mm

Compatibility LINEA LUCE FLEX



HIGH LINE / Top e Side Light



Cut every 7mm



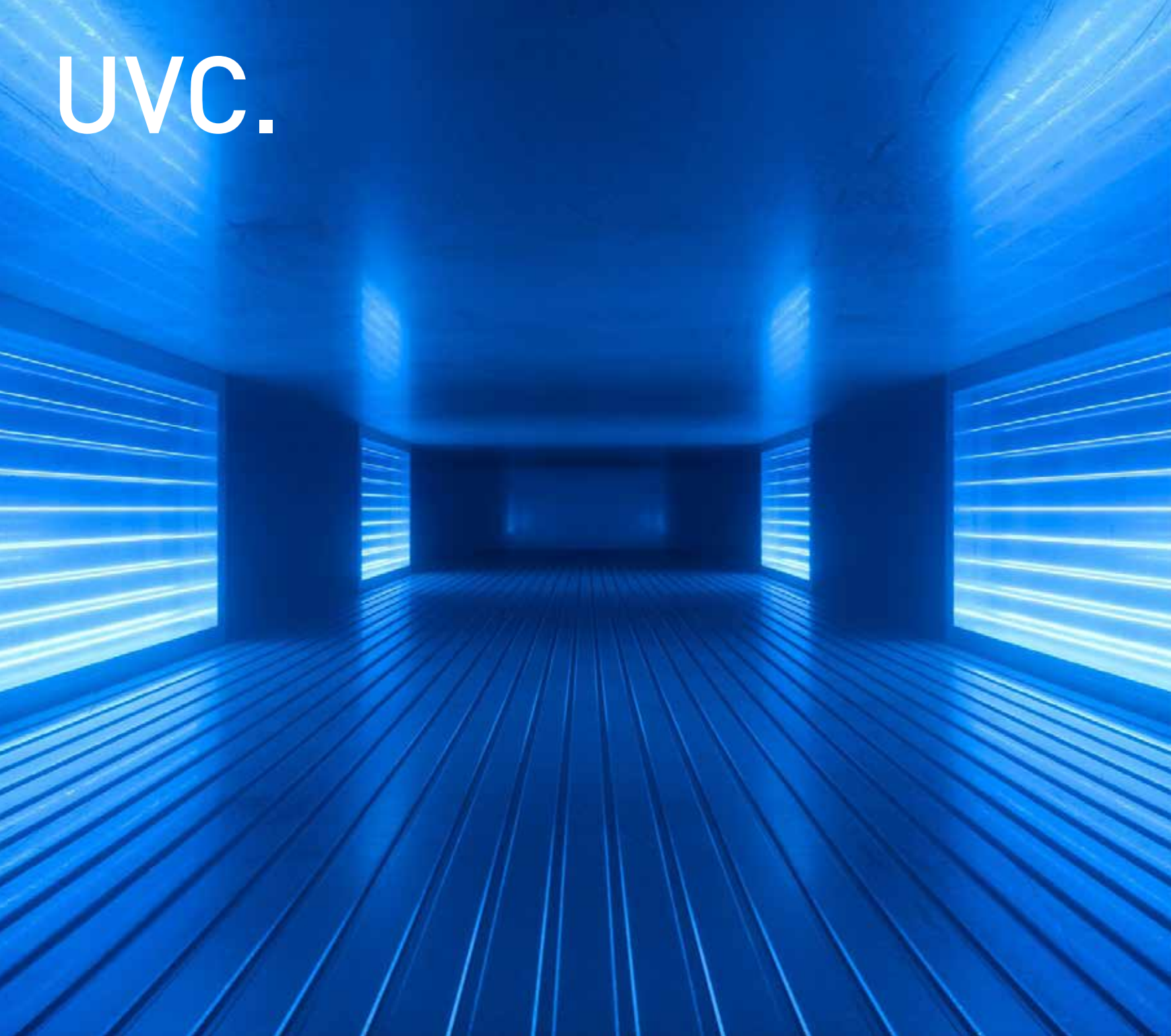
64

leditaly.com

info@leditaly.com



UVC.



UVC

The LINEA LUCE LED strip UVC was created to meet the requests of applications aimed at sanitizing surfaces and environments. The LED inside is composed of two chips, UVA + UVC, to have a double value: a blue light and sterilization and disinfection effect. The LED strip is composed of 60 UVC LEDs per meter and requires coupling with thermal double-sided adhesive with heat sink.

To ensure a high degree of safety, the LED strip must be equipped with an adequate shielding and shutdown system using detection and presence sensors. The use of UVC LEDs makes specific coronaviruses such as SARS-CoV and MERS-CoV inactive.



Applications



RESIDENTIAL



WORKPLACE




HOSPITALITY



INDOOR SHOP



INDUSTRIAL

| Linea Luce | Available colors | CRI | Voltage [Volt] | LED / m | Efficiency [lm/W] | Power [W/m] | End power cable single [m] double [m] | | Page |
|---------------|---|-----|-------------------|---------|----------------------|----------------|---|---|---------|
| LL UVC |  | - | 24 | 60 | - | 20 | 4 | 8 | pag. 68 |

Product codes

LLUVC

-

24

.

20

Linea
luce

Voltage

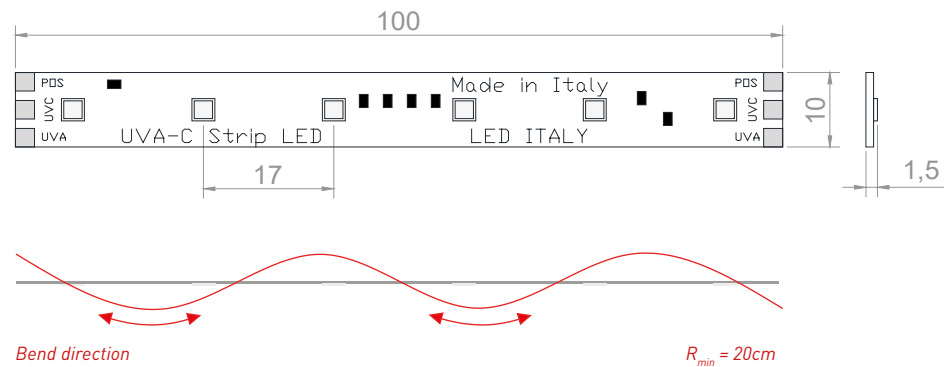
IP rate

UVC / **LLUVC**

Description

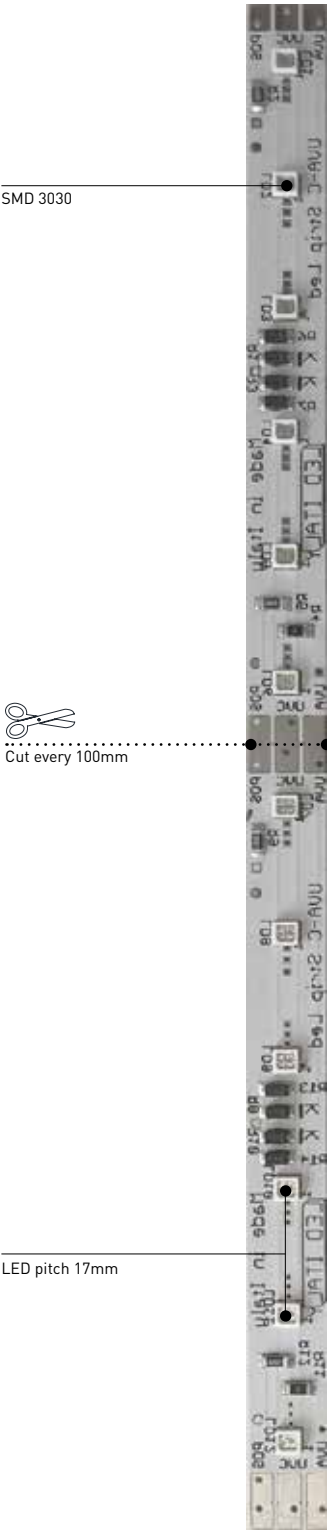
Available sizes and lengths

Flexible LED strip for indoor use and applications aimed at sanitizing surfaces. 60 LED meter, UVA + UVC. It requires coupling with thermal adhesive to heat sink. 20W/m, 24Vdc. Manufactured in automated production line.

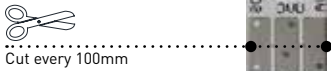
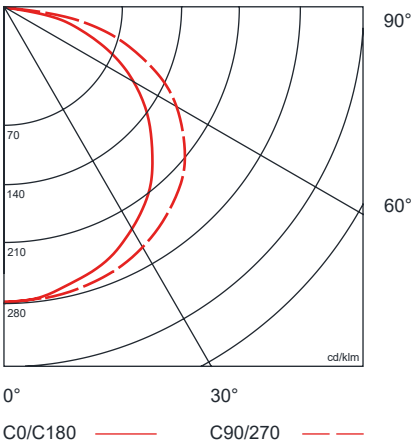


Length max single end power cable (24 Vdc): 4m
Length max double end power cable (24 Vdc): 8m

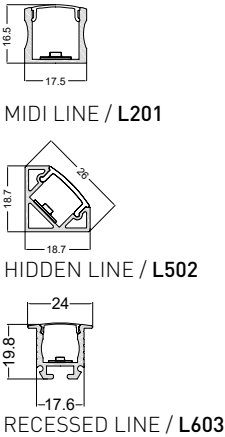
| Electrical and lighting features | | | | | | | |
|----------------------------------|------------------------|----------------|--------------|---------|-----------|----------|-------|
| LED Type | Working Temperature °C | CRI | Power (W/mt) | Led/mt | IP rating | Dimmable | Optic |
| SMD 3030 | -20/+55 | - | 20 | 60 | 20 | Yes | 120° |
| Code | Nanoscale | Radiometry | | Voltage | IP | | |
| LLUVC-24.20 | 270 - 280 nm | 180 mW / meter | | 24 Vdc | 20 | | |



Photometric curve



Compatibility LINEA LUCE PROFILE



The product has been tested by Energy Department - RADIOCHEMISTRY and RADIATION CHEMISTRY laboratory of Politecnico in Milan.

Test: Measurements and Analysis of the Emission Spectrum of a Radiant Source

It destroys the DNA structure of pathogens and bacteria

The ultraviolet light emitted by UVC ultraviolet LEDs destroys the DNA structure of various pathogens, bacteria and parasites, so that the bacteria immediately die or cannot reproduce. The irradiation with UVC radiation is able to effectively inactivate pathogens of various kinds, such as 99.99% of specific coronaviruses such as SARS-CoV and MERS-CoV. The effect obtained is that of total disinfection of surfaces and environments.



Sanitation time

The total sanitizing cycle is about 15 minutes. Approximately 20W of product from the LED strip LINEA LUCE UVC can sanitize about 10 square meters of the environment. The product is custom made, in order to better adapt to the different needs and dimensions of the surfaces.

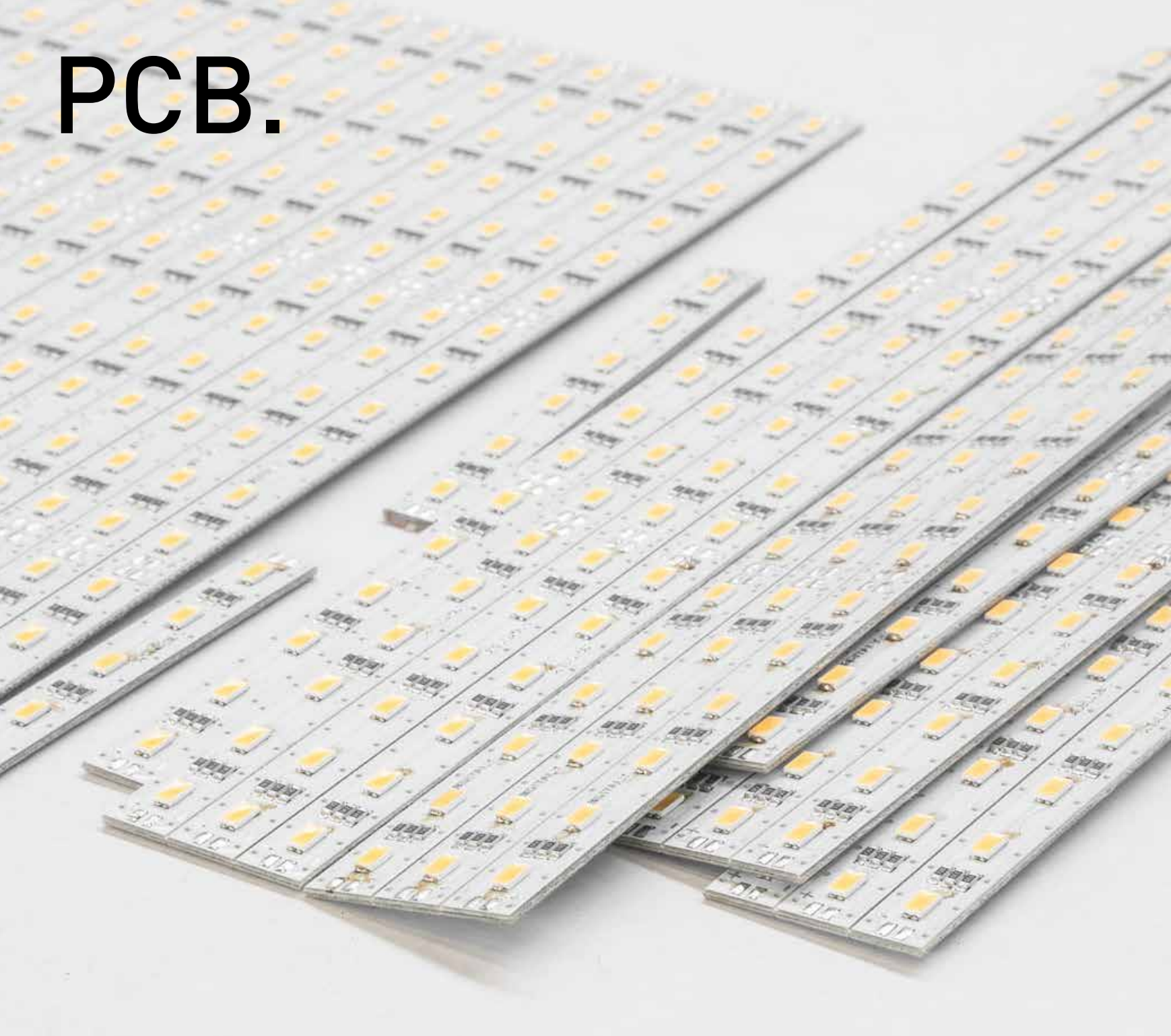


Presence detection sensors and shielding

To guarantee a high degree of safety, the LED strip LINEA LUCE UVC must be equipped with an adequate shielding system and an immediate shutdown system in the event that any movement is detected up to 5 meters away. The sensors developed by LED ITALY are designed to detect any type of presence for a set time. It must always be taken into account that short wave ultraviolet UVC rays are very harmful to the human body and can cause damage to living beings (humans, animals and plants).



PCB.



Custom PCB.

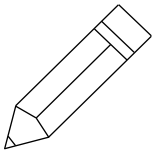
Are you an architect, a designer or simply a maker and want to create a custom electronic circuit?

Thanks to our professional in-house electronic circuit design studio we can help you and advise you in the best possible design phases, giving you the opportunity to touch something new and extremely personal.

All the production of our PCBs takes place in Italy, in our headquarters, and this allows us to optimize the production and delivery times to the maximum.

In addition to the possibility of creating the electronic circuit only, we are also able to assemble SMD components, using modern and agile automatic machinery for the assembly of electronic components. We offer this service in combination with the production of electronic circuits, from single PCBs to production batches.

Contact us at info@aleditaly.net for more information or to verify the feasibility of your project.

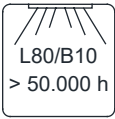


Moq: 300 meters

SYMBOLS



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 used come from primary producers, (NICHIA, OCTALIGHT, PROLIGHT) always of the same BIN Code and with at most 3 STEP MAC ADAM. 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 guarantee covers against all the manufacturing defects. The guarantee 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.



The Conformal Coating is a process finalized to obtaining an IP60 protection rate for LED strips suitable for indoor applications. Its purpose is to provide protection against various environmental factors, humidity, vapors of various kinds, dirt present in the environment and conductive powders in suspension that can adversely affect the functionality of the LED strip.



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



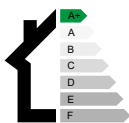
LED ITALY is is certified for the production of its products to 100% Made in Italy (certificate n° IT01.IT/1917.098.V).

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



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QUALITY MANAGEMENT SYSTEM



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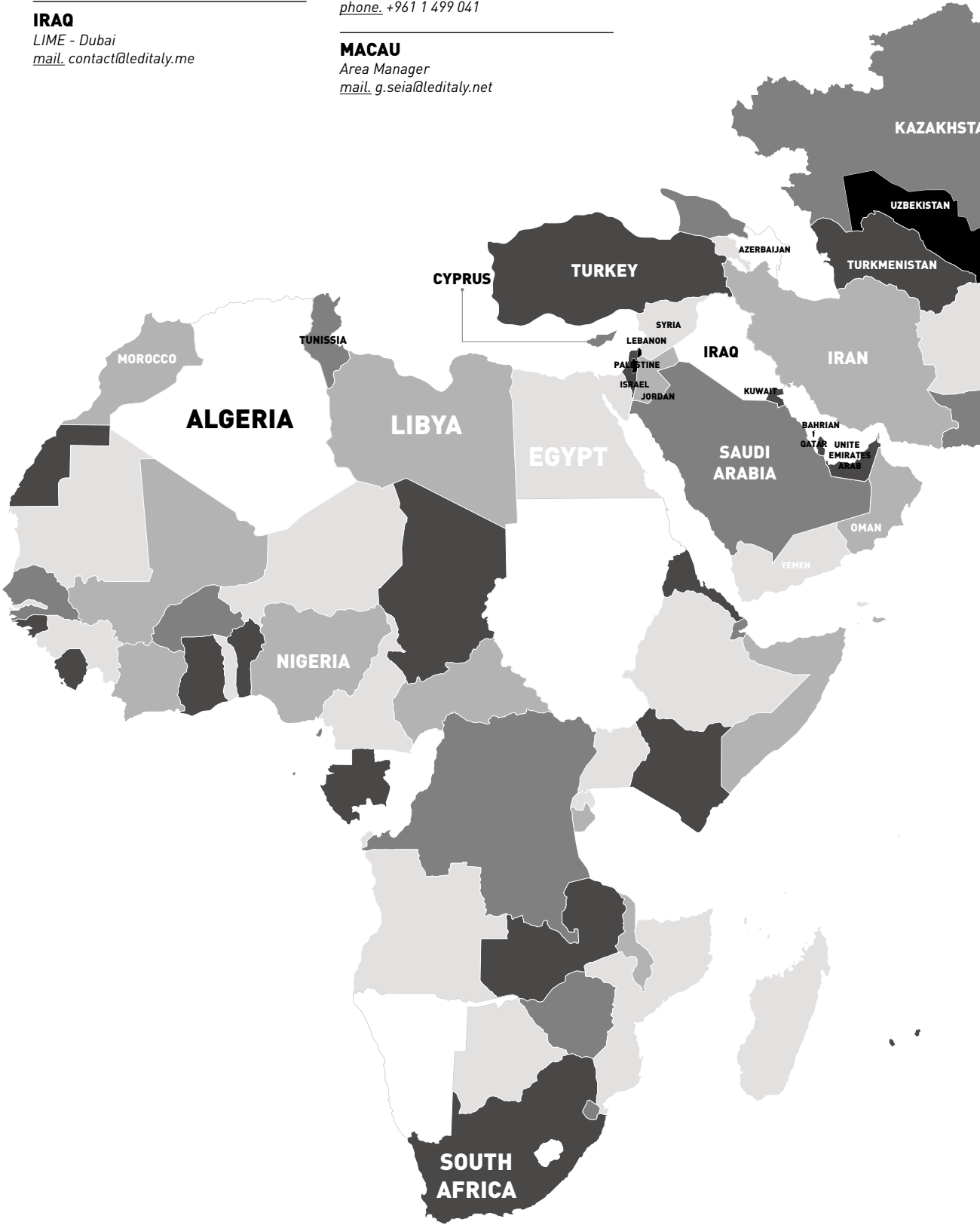
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