

FLEXIBLE LED STRIP

Direct supply 220-230Vac



Application and component's description of the linear lighting system LED strip 220 Vac

The LED strip is an innovative linear lighting system that guarantees the uniform lighting and lighting distribution.

The lighting strip is encapsulated in a PVC sheath for protection from external agents, strong connector is designed to allow a hard connection with the LED strip and easy installation.

Product IP grade is IP65 and is cuttable to adjust the length according to the application till 50m maximum length with power one side. This operation must be done only by qualified and trained worker/installer.

Cutting and closing operations must be done following instruction present in this manual.

Responsibility is declined for any operation done outside this manual.

Product Features:

1. 2835 assembled LEDs;
2. CRI 80 (Color Rendering Index)
3. CE, RoHS compliant;
4. 220-230 Vac;
5. 120 LED/m;
6. Max length with power at one side 50m
7. Product package in reel 300m

General Information

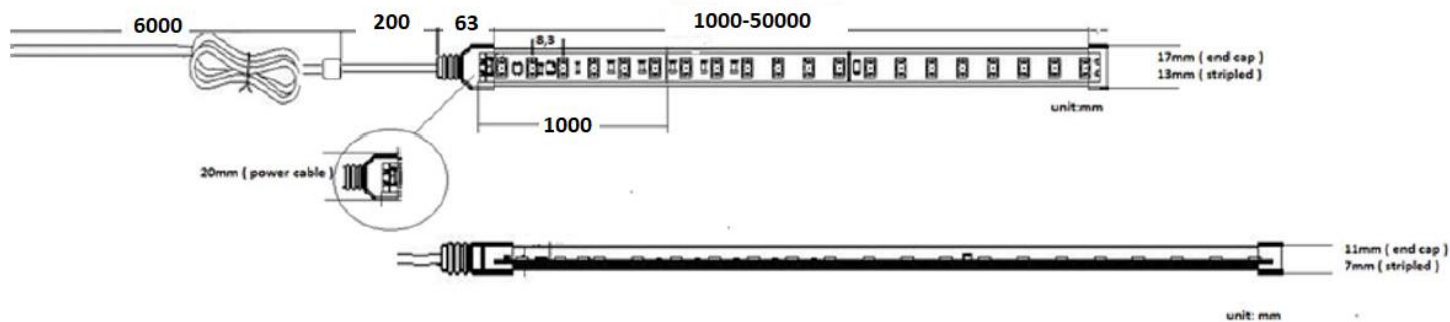
Operating Temperature: $-20^{\circ}\text{C} \div +50^{\circ}\text{C}$

Storage Temperature: $-20^{\circ}\text{C} \div +50^{\circ}\text{C}$

Lifetime: 50.000 h

IP Grade: IP65

Mechanical Dimension



Technical Data

Power Meter**** W/m	Color Temperature* K	Luminous Flux in 360°sphere lm	CRI	Density LED/m	Beam Angle °	Voltage** V	Cut Length m	Max. linear connection m	Reel Length m	IP Grade***
6.5	6000K	600 lm	80	120	120	220 Vac	1m	50m	300	65

* Tolerance $\pm 200K$

** 220 Vac input is mandatory using the specific power cord with integrated bridge

*** IP65 protection grade is guaranteed on the LED strip pre-assembled in factory or repaired by trained and qualified operator

**** Nominal power with tolerance $\pm 5\%$

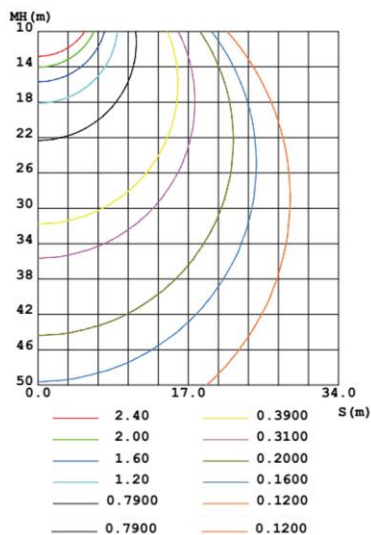
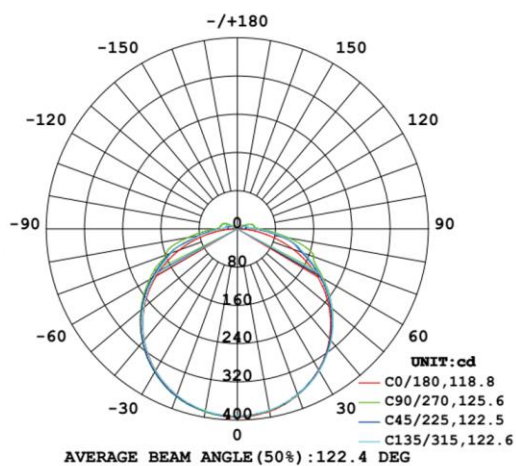
***** Performed according to IEC 62262:2002 + A1:2021



Lighting Distribution Curve

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

SPACE ISO-ILLUMINANCE CURVE (unit: lx)



Power cable specification

The power cable is realized up to 6m, including electronic bridge and 20cm output cable with connector for connection LED strip.

The power cable must be properly assembled on LED strip to guarantee IP65 grade according to the installation instructions manual

Accessories

Description	Package Qty
6m power cord with AC-DC rectifier and connector 6 pole	1
6m power cord with AC-DC rectifier and free wires	
Fixing set	1

Caution:

Install and manage the product disconnected from the power line with the main switch on OFF position.

This product must be installed only by professional and qualified operators for maintenance of elevator shaft and properly trained. The LED strip can support only its own weight.

220V lighting system, danger of electrical shock

Don't bend the product with diameter less than 12cm (6cm radius), it could damage the LED strip irretrievably. Don't switch on the LED strip when it is rolled up on the plastic reel. This operation could damage the LED strip.

IMPORTANT : Fix the LED strip with minimum 3 clips each 1m

To maintain the LED strip lighting performance it is necessary to plan periodical maintenance and cleaning operation of the lighting surface. It can be done by a dry cloth remembering the main switch must be always on OFF position before doing any kind of operation on the product.



Informazione agli utenti ex art. 26 D.lgs. 49/2014

Il simbolo riportato sull'apparecchiatura (Allegato IX D.lgs. 49/2014) indica che il rifiuto deve essere oggetto di "raccolta separata" e che è stato immesso sul mercato, in Italia, dopo il 31/12/2010. Pertanto, l'utente dovrà conferire (o far conferire) il rifiuto ai centri di raccolta differenziata predisposti dalle amministrazioni locali, oppure consegnarlo al rivenditore contro acquisto di una nuova apparecchiatura di tipo equivalente. L'utente ha dunque un ruolo attivo: la raccolta differenziata del rifiuto e le successive operazioni di trattamento, recupero e smaltimento favoriscono la produzione di apparecchiature con materiali riciclati e limitano gli effetti negativi sull'ambiente e sulla salute eventualmente causati da una gestione impropria del rifiuto. Nel caso di RAEE di piccolissime dimensioni (<25 cm), l'utente ha diritto al conferimento gratuito, senza obbligo di contestuale acquisto, ai distributori al dettaglio la cui superficie di vendita specializzata eccede i 400mq.

