

SPECIFICATION

ITEM	Flexible LED strips
PART NO.	SERIE 19/92140
DATE	12-12-2012

High Luminosity Hobbistic Flexstrip IP20

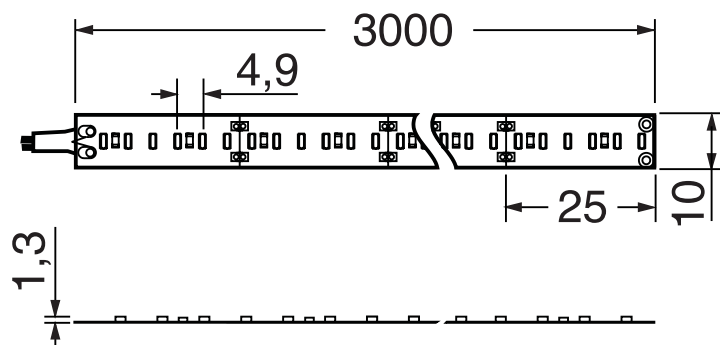
Features:

- Eco friendly.
- Long life span.
- Complete cut / connection accessories.
- No need of constant-current power feed.
- Low power consumption.
- Custom packing.

Applications:

- Cove lighting.
 - Architectural lights for canopy, corridor, window, archway.
 - Backlight or edge lighting for signage.
 - DIY lights for home use.
 - Path and contour marking.
 - Decorative lights for holiday, event, show, exhibition.
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Outline Dimensions (unit:mm)



Technical parameters:



Model	Descrizione	Color Temperature CCT*	Length (m)	LED Q'ty (LED/mt)	LED Type	Light Output (Lum./mt)	Beam Angle (degrees)	Voltage (V DC)	Current (A/m)	Max. Power Consumption (W/m)**	Continuous Connection (m)	Scissors Icon
19/92140	Bobina 204 LED/mt. 3014 b. freddo	6000-6500k	3	204	Power SMD TOP LED	2400	120	24	1.02	24.5	3	ogni 2,5 cm
19/92142	Bobina 204 LED/mt. 3014 b. naturale	4000-4500k	3	204		2280	120	24	1.02	24.5	3	ogni 2,5 cm
19/92145	Bobina 204 LED/mt. 3014 b. caldo	2700-3100k	3	204		1840	120	24	1.02	24.5	3	ogni 2,5 cm

*Tolleranza +/- 100k

** Nominal power/Potenza nominale teorica

Schematic Circuit Diagram

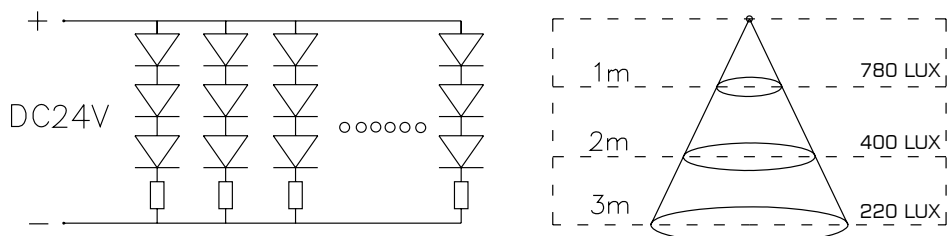
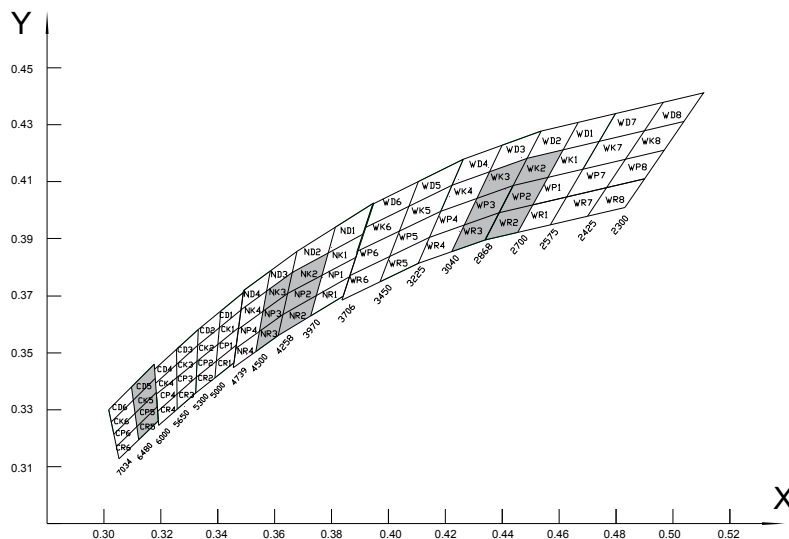


Table Bin Selection



Packaging:

3mt Flexstrip is packaged in a reel and are packaged by anti-static bag. The label is printed on the surface of reel and the bag.

**Operation instructions:****1. Environmental requirements**

(working temperature): -20~50°C

(storage temperature): -30~65°C

NOTA BENE:

questo tipo di striscia a led deve essere applicata su un prolo in alluminio o su un opportuno dissipatore che ne permetta l'impiego in un regime di temperatura consono.

In particolare la temperatura misurata sul circuito stampato non deve superare i 50°C.

Ogni applicazione che esuli dal presente accorgimento può compromettere la funzionalità, nonché la vita del prodotto.

ATTENTION:

This type of exstrip must be applied on an aluminium prole or an specic heat sink in order to guarantee the product work properly under a controlled temperature.

In particular the measured temperature on the pcb must not exceed 50°C.

Any other type of application that doesn't follow the previous specs could damage the function and the life of the exstrip.

2. Opening

Open the package, exame the products carefully.

Handle them gently.

If there is any damage, contact us soon.

3. Instructions

In order to ensure that products work properly, please use the power source of correct voltage.

Follow the correct installation steps to install the product.

Please disconnect the power supply to avoid the risk of electric shock, ghen installing or demoliting the products.

Do not look directly at LED light source for a long time, for the high-intensity light source may cause eye damage.

General Precautions

- LEDs are static sensitive devices. The precautions should be taken to ensure that LEDs are well protected form ESD during handling.
- ESD protection for GaP and AlGaAS based chips is still necessary even though they are safe in low static/ electric discharge events.
- AllnGap, GaN and/or InGaN based chips are STATIC SENSITIVE devices and ESD protection must be taken into consideration in the initial design stages.
- Do not operate LEDs in reverse bias.