

**Objective**

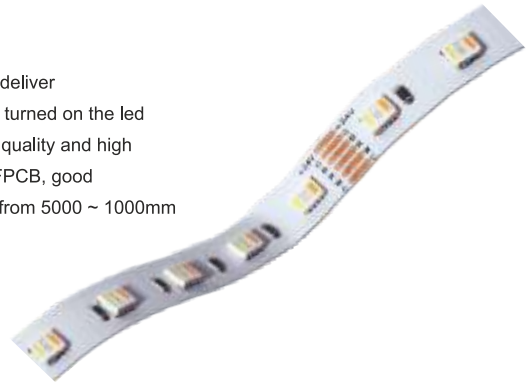
FLEXY Family is an LED Strip products in different names every name gives an identity to each one depends on function , lumen output or color temperature function -it is a flexible 24V LED tape family offering a cost-effective solution. It integrates new developed 3528 , 5050 LED packages which are more economical consumption to the old T5 LED packages and which deliver from 490 up 7700lm/m In different wattage rating . It is available with 8 mm and 12 mm LED pitch for confined lighting configuration or 23 mm for indirect view. It offers an easy solder Point plus the easy connector way without solder ,It is an ideal cost-effective solution for cove lighting and accent lighting with direct view on the light source in small spaces. A thermal resistivity of 32 K/W is achieved for a good heat dissipation (junction to installation surface) which guarantees a lifetime of > 50,000 hrs L80/B10. Perfect color rendering with a CRI of 90 ensuring a good light quality. Color deviation is very ideal with step 2 or 3 version of MacAdam, in addition with different IP Level protection from IP20 up to IP68 with different technology of nano coating or silicone coating or epoxy glue where ranges application is so wide from indoor to outdoor even underwater.

**Obiettivo**

La famiglia FLEXY è una striscia LED con nomi diversi, ogni nome dà un'identità a ciascuno di essi dipende dalla funzione, dall'uscita del lume o dalla temperatura del colore - è una famiglia di nastri LED 24V flessibile che offre una soluzione economica. Integra i nuovi pacchetti LED 3528, 5050 sviluppati che offrono un consumo più economico rispetto ai vecchi pacchetti LED T5 e che forniscono da 490 a 7700lm / m con potenze diverse. È disponibile con passo LED da 8 mm e 12 mm per configurazione di illuminazione limitata o 23 mm per visione indiretta. Offre un semplice punto di saldatura e un facile collegamento senza saldatura, è una soluzione ideale per l'illuminazione della baia e dell'illuminazione d'accento con vista diretta sulla sorgente luminosa in piccoli spazi. Una resistività termica di 32 K / W si ottiene per una buona dissipazione del calore (giunzione alla superficie di installazione) che garantisce una durata > 50.000 ore L80 / B10. Perfetta resa cromatica con un CRI di 90 che garantisce una buona qualità della luce. La deviazione del colore è molto ideale con la versione 2 o 3 di MacAdam, oltre a una diversa protezione del livello IP da IP20 a IP68 con diversa tecnologia di nano rivestimento o rivestimento in silicone o colla epossidica dove l'applicazione delle gamme è così ampia da interno ad esterno anche sott'acqua .

**Description**

Flexible cooper PCB board with led diodes built on SMD system of multiple CCT which can deliver various colors of them. It can be turned according to your requirements when the led light is turned on the led strips are crystal and look more three-dimensional than the normal led strips. Adopting high quality and high brightness SMD2835, wide-angel, the light is evenly, low light decay. Adopting high quality FPCB, good electric conduction and heat dissipation, safe to use. Every one unit comes with reel length from 5000 ~ 1000mm depends on IP coating cuttable every 50 ~ 100mm. Many ways to install with built in 3M adhesive tape or to mounting in extruded aluminum profile very convenient  
Passed CE, ETL, UL, RoHS, GS Test



**LED** - reducing energy consumption with L80/B10/F10 50,000 hrs lifetime.

**Standards** - manufactured in accordance with EN 60598-1 and 60598-2-1

CODE	WATTAGE W + RGB	LUMEN	SIZE mm
7046608	4 + 4W	880lm	12 x 0.25~0.45H
7046613	6 + 7W	1430lm	12 x 0.25~0.45H
7046624	12 + 12W	2640lm	12 x 0.25~0.45H
7046626	6 + 20W	2860lm	12 x 0.25~0.45H

LED ENERGY STAR

PHASE DIMMING DALI 1-10 DIMMING

55°C  
-25°C

IP 20-44 65-68 Nano LED Chip 2835

UGR <22 SDCM 2.0/3.0

COMPLIANCE LM-79 TM-21 TM-80

PASEL ACCREDITATION SMD CRI >90

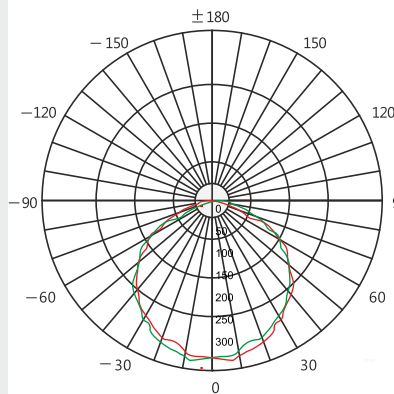
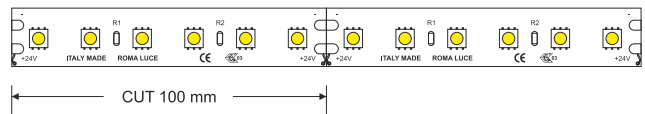
SELV series wiring

CE COMPLIANCE U

**A++** DC 24V

ECO

Glowing Wire Test - 850°



120°

RGB  
RGB-WW  
RGB-CW

LED Drivers - PHILIPS GTI MEAN WELL GTCI TRIDONIC LED Chips - BRIDGELUX CREE SHARP SAMSUNG PHILIPS CITIZEN

In a continuing effort to offer the best product possible, we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product. Specification sheets found at [www.romaluce.it](http://www.romaluce.it) are the most recent versions and supercede all other printed or electronic versions.