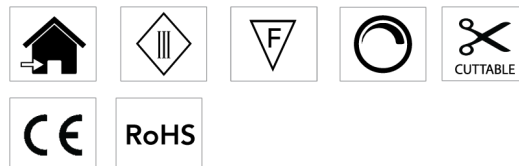
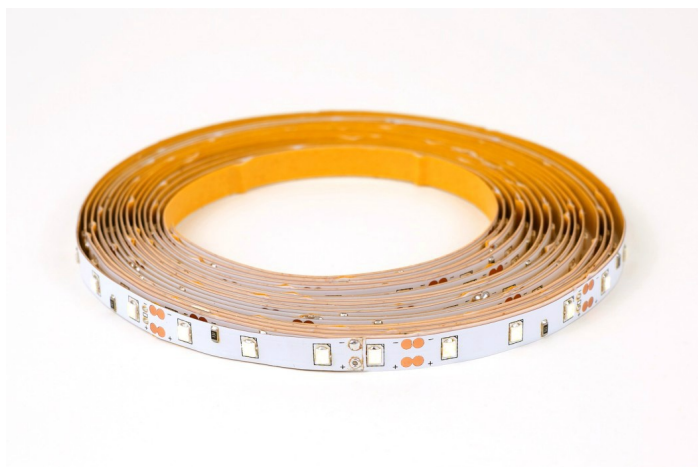


RFX 835 (6W/m) PRODUCT FAMILY TECHNICAL SPECIFICATION

COLOURFUL LED STRIPE



Areas of application

- Furniture lighting
- Decorative lighting

Product benefits

- Product is tested by accredited laboratories using various conditions
- LED SMD packaging are tested and meets LM-80 requirements
- High color quality meets EU requirements of indoor lighting
- 4-year manufacturer's warranty (L70 >36 000 h)
- Made in Europe

Product features

- Flexible and cuttable LED strip
- Rated power **6W per meter**
- Efficiency up to 55 Lm/W
- Dimmable
- Both 12V and 24V options available
- (12V) 5m—optimal length connecting from both sides to avoid voltage drop more than 1 volt per strip
- (24V) 10m—optimal length connecting from both sides to avoid voltage drop more than 2 volt per strip

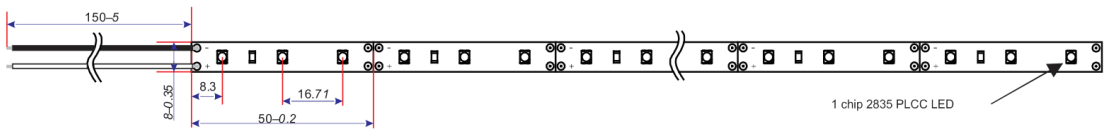
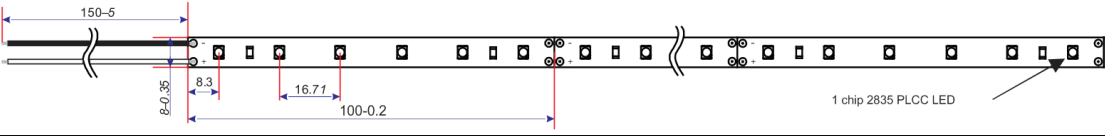
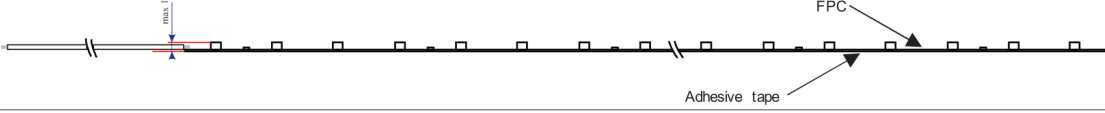
RFX 835 (6W/m) PRODUCT FAMILY TECHNICAL SPECIFICATION

COLOURFUL LED STRIPE

Electrical data

Item family code	Nominal voltage	Type of	Nominal current,	Rated power
RFX835	12 V	DC	0,5 A/m	6 W/m
RFX835-24	24 V		0,25 A/m	6 W/m

Dimensions

Item family code	
RFX835	
RFX835-24	
	

¹ 12V led strip can be cut every 50 mm

² 24V led strip can be cut every 100mm

³ cable is mounted at both ends of reel in typical product assembly

Photometrical data

Item code	Wavelength	Color	Light output	Efficiency
RFX835R	617-627 nm	Red	174 lm/m	29 lm/W
RFX835T	512-522 nm	Green	330 lm/m	55 lm/W
RFX835Y	586-596 nm	Yellow	238 lm/m	40 lm/W
RFX835B	464-474 nm	Blue	90 lm/m	15 lm/W
RFX835R-24	617-627 nm	Red	174 lm/m	29 lm/W
RFX835T-24	512-522 nm	Green	330 lm/m	55 lm/ W
RFX835Y-24	586-596 nm	Yellow	238 lm/m	40 lm/W
RFX835B-24	464-474 nm	Blue	90 lm/m	15 lm/W

All information is provided considering 1-meter length. Real life performance may fluctuate due to tolerances in components used in manufacturing

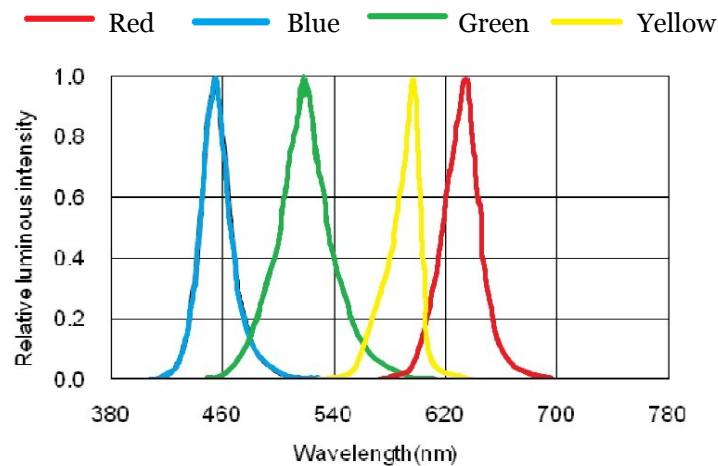
RFX 835 (6W/m) PRODUCT FAMILY TECHNICAL SPECIFICATION

COLOURFUL LED STRIPE

Temperature conditions

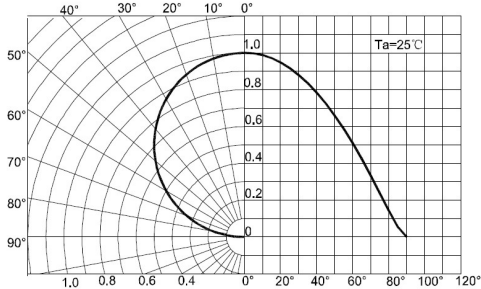
Item family code	Ambient working temperature, t^a	Product working temperature	Storage temperature
RFX835	-30°C ~ +30°C	Less than 60°C at room temperature 23°C	-40°C ~ +85°C
RFX835-24			

Light spectrum diagram

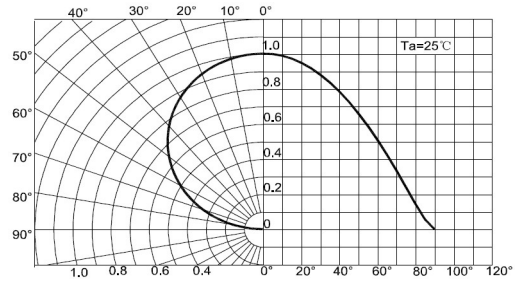


Light distribution

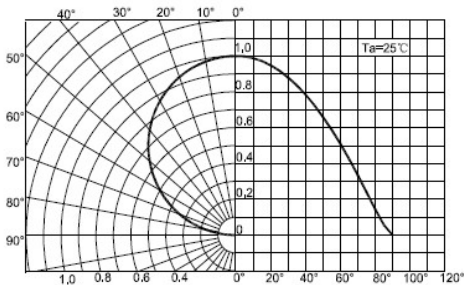
Blue



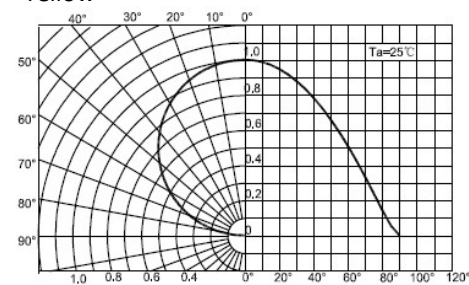
Green



Red



Yellow



Information here is provided by LED packaging manufacturer

RFX 835 (6W/m) PRODUCT FAMILY TECHNICAL SPECIFICATION

COLOURFUL LED STRIPE

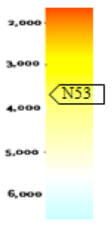
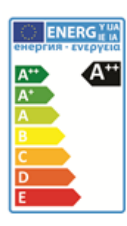
Standards and declarations of conformity

Declarations of conformity: CE (RoHS is part of CE)

Meets standards: LST EN 60598-1:2009, IEC / EN 60068-2-14:2009, EN 62031:2008, EN 62031:2008/A1:2013, EN 62031:2008/A2:2015, EN/IEC 60068-2-14:2009 .

Important: Product is assembled using LED packages that are tested using LM-80 for no less than 6000 hours.

Energy label

6 W/m	24 V DC
Sviesos kiekis/ Luminous fluxus	~730 Lm/m
CRI >80	IP20
Kiekis/Quantity:	6m
Modelis/Model:	RFX835H-24
Spalva/Color:	EEI
	
<p>ĮSPĖJIMAS Šioje pakuotėje yra elektrostatiniai krūvių ir drėgmei jautrus įrenginys</p>	
<p>Dėmesio: Laikymo temperatūra: -40, +80 °C</p>	
<p>RoHS CE PAP</p>	

Standard packaging

Product packaging is designed and manufactured based on: EN 13427:2006, EN 13427:2006. Packaging materials can be recycled according to EN 13430:2007

Carton box. Size 187*183*20mm

Carton reel. Size D=190mm h=15mm

LED strip length per reel. RFX835=5m, RFX835-24=6m

Note: installation instructions are included in every box