



Areas of application

- .. Furniture lighting
- .. Decorative lighting
- .. Accent lighting
- .. Hidden lighting

Product benefits

- .. Product tested under various conditions by accredited laboratories
- .. High quality LEDs are used, chosen for their great color mixing properties
- .. 4-year manufacturer's warranty (L70 >36 000 h)
- .. Made in Europe

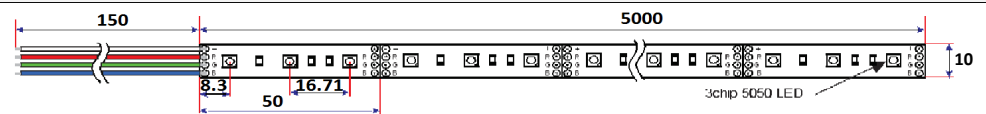
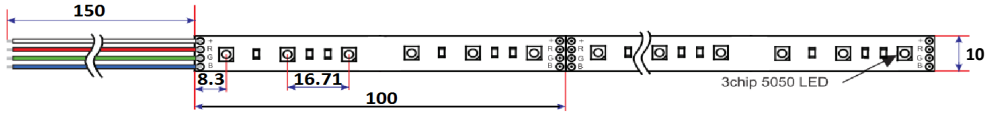
Product features

- .. Flexible and cuttable LED strip
- .. Rated power **12W per meter**
- .. Width: 10mm
- .. 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
- .. **Note:** Additional cooling is required for LED strips more powerful than 10 W/m.

Electrical data

Item family code	Nominal voltage	Type of current	Rated power
RFX534RGB	12 V	DC	12 W/m
RFX534RGB-24	24 V	DC	12 W/m

Dimensions

Item family code	
RFX534RGB	
RFX534RGB-24	
	

¹ 12V led strip can be cut every 50 mm, 24V led strip can be cut every 100mm

² wires are soldered at both ends of reel in typical product assembly

Photometric data

Item code	Color description	Wavelength, nm	Light output *	
RFX534RGB	Red	~620-625 nm	33264 mcd/m	104lm/m
RFX534RGB-24	Green	~520-525 nm	80487 mcd/m	252lm/m
	Blue	~460-465 nm	27690 mcd/m	87lm/m

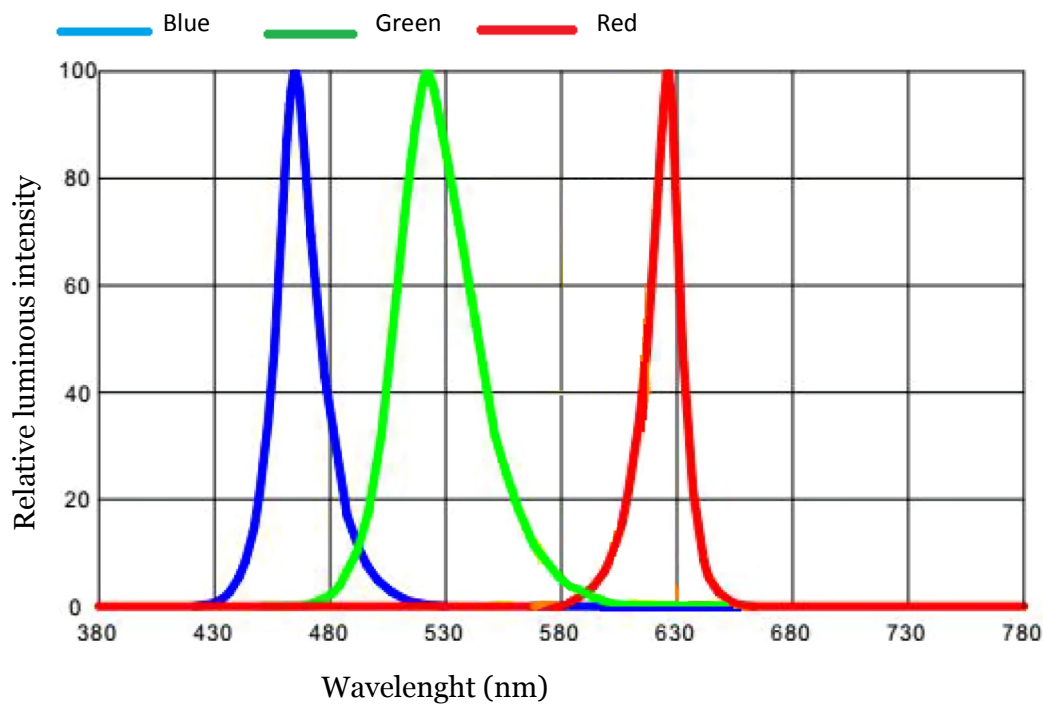
* Tested on all colours at full intensity

Temperature conditions

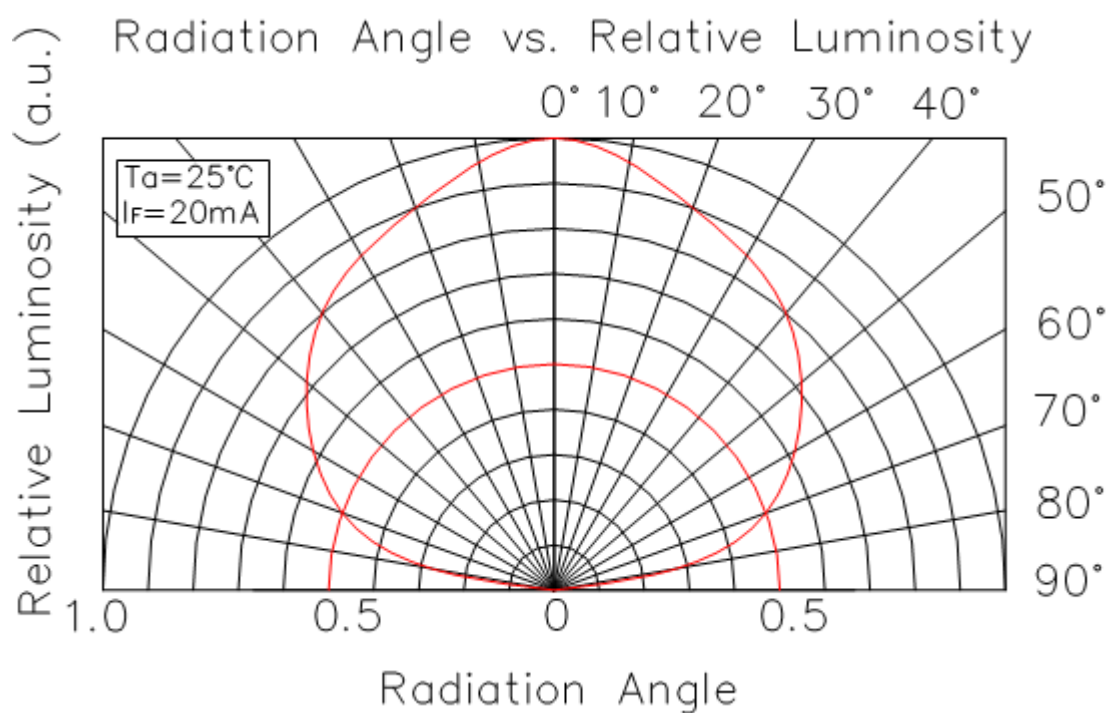
Item family code	Ambient working temperature, t ^a	Product working temperature	Storage temperature
RFX534RGB RFX534RGB-24	-30°C ~ +30°C	Less than 55°C at room temperature 23°C	-40°C ~ +85°C

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

Light spectrum diagram



Light distribution



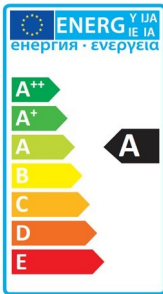
* Information here is provided by LED manufacturer.

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.*

Energy label and marking

Modelis/Model: RFX534RGB				EEI	
12 W/m	12V DC	RGB		5m	
	4 metų garantija	IP20	RoHS	CE	
ĮSPĖJIMAS	Šioje pakuotėje yra elektrostatiniam krūviui ir drėgmei jautrus įrenginys			   	
DĖMESIO	Laikymo temperatūra: -40, +80 °C				
					

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*

Cardboard box. Size 187*183*20mm

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

LED strip length per reel—5 meters

Note: installation instructions are included in every box