VALOTEHDAS.FI

60LED/m PRODUCT FAMILY

12W/m TECHNICAL SPECIFICATION

RGB LED STRIP

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 lenght connecting from both sides to avoid voltage drop more than 2 volt per strip

60LED/m PRODUCT FAMILY

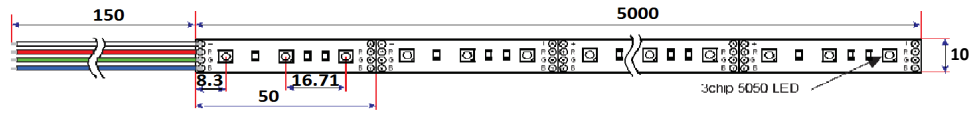
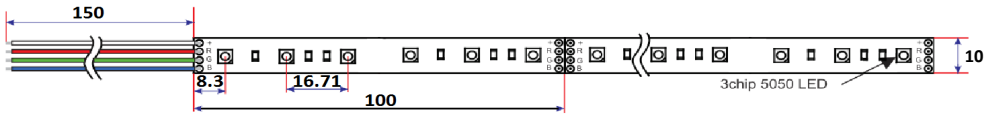
12W/m TECHNICAL SPECIFICATION

RGB LED STRIP

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 **RFX534RGB-24**	Red	~620-625 nm	27000 mcd/m
	Green	~520-525 nm	24750 mcd/m
	Blue	~460-465 nm	21060 mcd/m

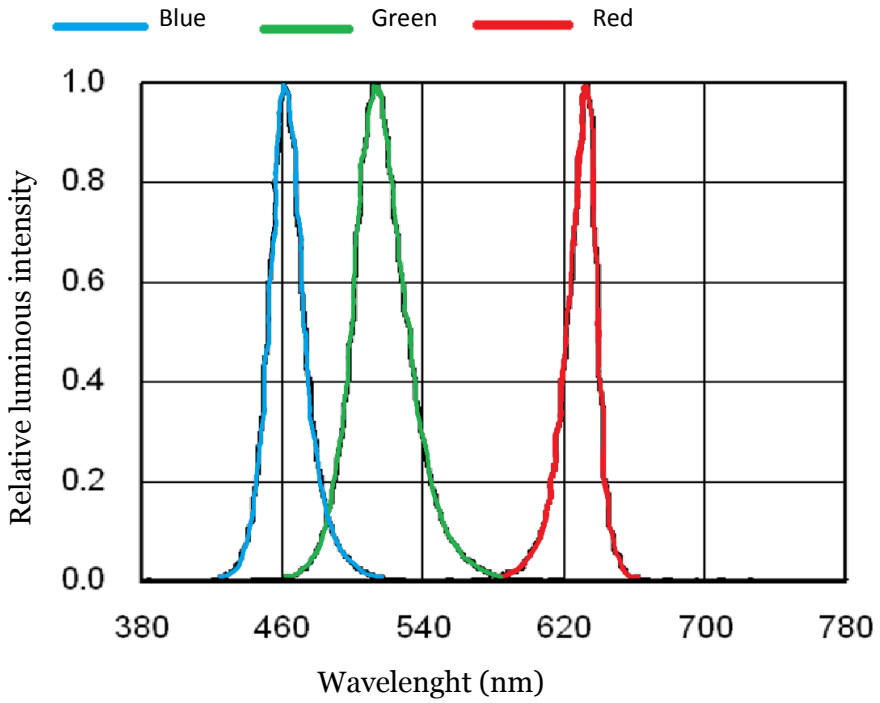
* Tested on all colours at full intensity

Temperature conditions

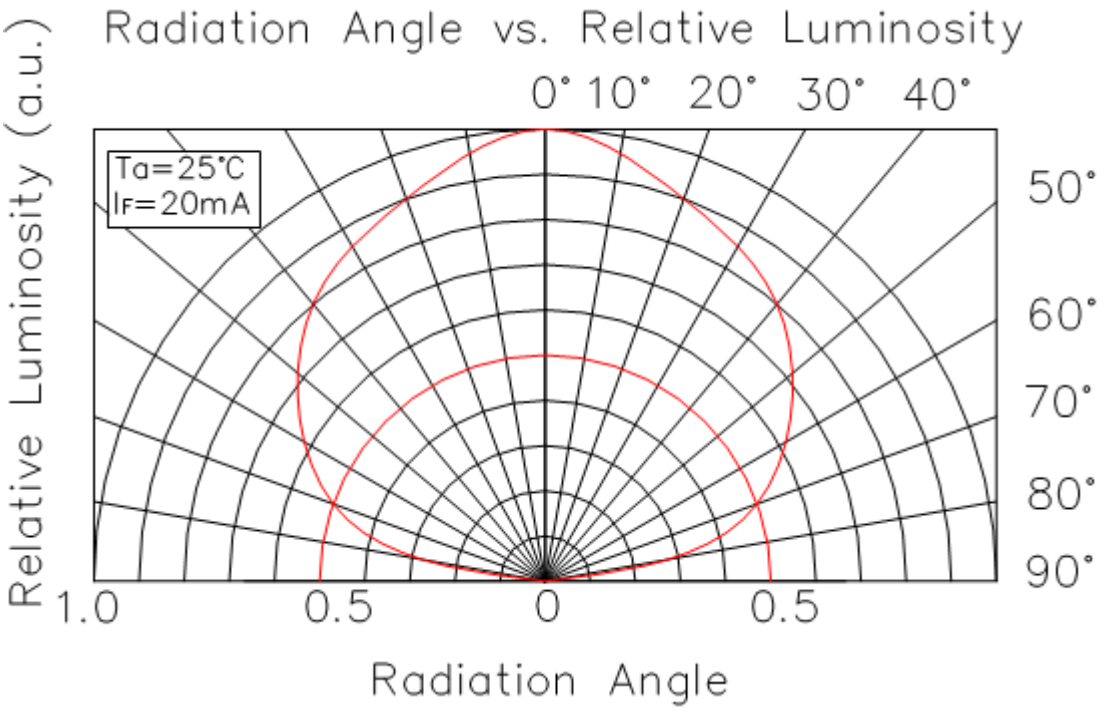
Item family code	Ambient working temperature, t^a	Product working temperature	Storage temperature
RFX534RGB **RFX534RGB-24**	-30C ~ +30°C	Less than 60°C at room temperature 23°C	-40C ~ +85°C

· 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



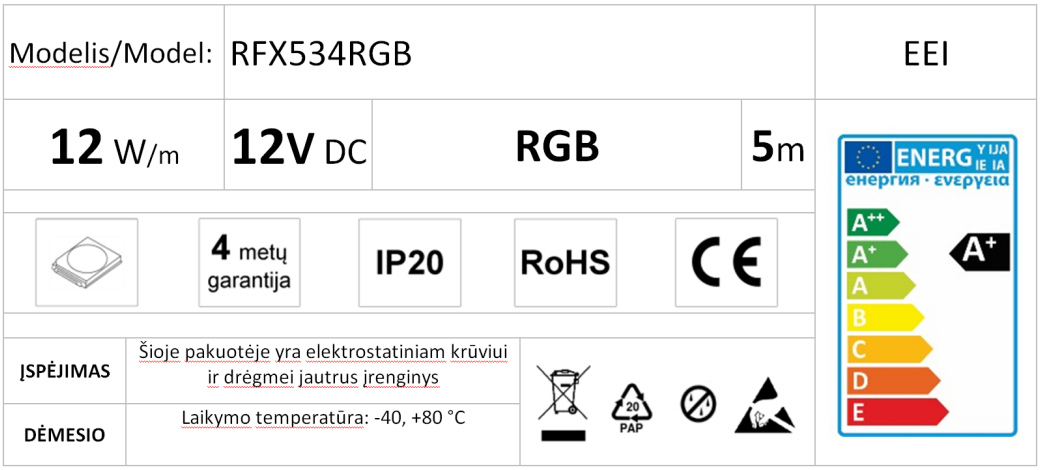
- Information here is provided by LED manufacturer.

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



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

© All Rigts Reserved