



Areas of application

- .. Ambient lighting
- .. Decorative lighting
- .. Accent lighting
- .. Hidden lighting

Product benefits

- .. High quality Bridgelux SMD LED used for white light
- .. RGB LEDs chosen to deliver great color mixing properties
- .. Samsung LED lifetime is tested according to LM-80 standard
- .. 4-year manufacturer's warranty (L70 >36 000 h)
- .. Made in Europe

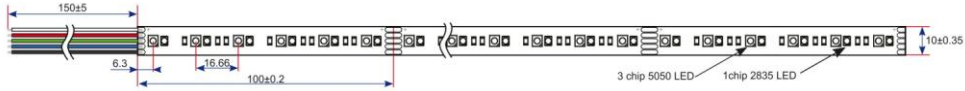
Product features

- .. Flexible and cuttable LED strip
- .. Rated power **24W per meter (12W white and 12W RGB)**
- .. White light CRI >90
- .. Dimmable
- .. **NOTE:** Additional cooling is required for LED strips more powerful than 10 W/m.

Electrical data

Item family code	Nominal voltage	Type of current	Nominal current	Rated power
RGB534-24	24 V	DC	1 A/m	24 W/m

Dimensions

Item family code	
RGB534-24	
	

¹ LED strip can be cut every 100 mm

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

Photometric data

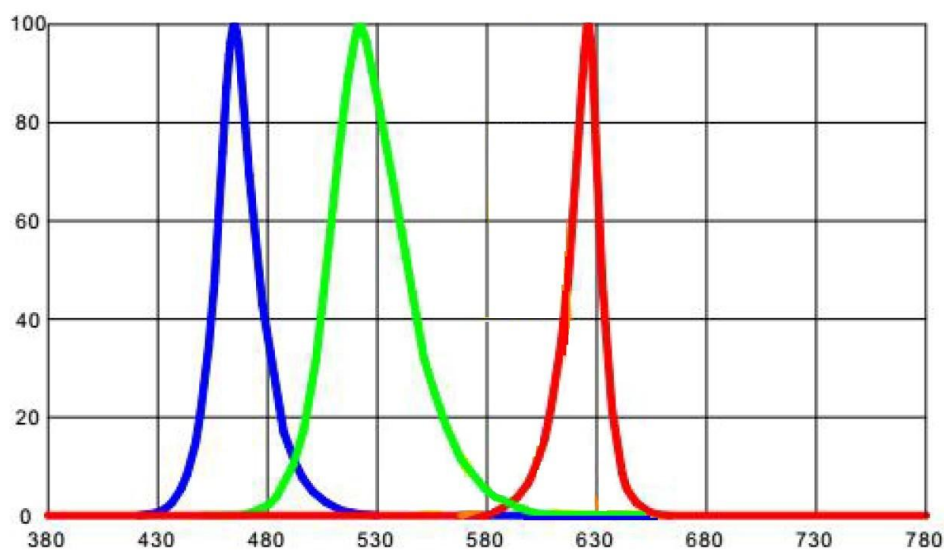
Item code	Color	Color description	Light output	Efficiency
RGB534-24	Red	~620-625nm	102 lm/m	28.5 lm/W
	Green	~520-525nm	253 lm/m	66.7 lm/W
	Blue	~460-465nm	89 lm/m	19.5 lm/W
	Warm white	2700K, CRI>90	1140 lm/m	95.0 lm/W
RGB534X-24	Red	~620-625nm	102 lm/m	28.5 lm/W
	Green	~520-525nm	253 lm/m	66.7 lm/W
	Blue	~460-465nm	89 lm/m	19.5 lm/W
	Warm white	3000K, CRI>90	1168 lm/m	97.3lm/W
RGB534H-24	Red	~620-625nm	102 lm/m	28.5 lm/W
	Green	~520-525nm	253 lm/m	66.7 lm/W
	Blue	~460-465nm	89 lm/m	19.5 lm/W
	Neutral white	4000K, CRI>90	1224 lm/m	102lm/W
RGB534W-24	Red	~620-625nm	102 lm/m	28.5 lm/W
	Green	~520-525nm	253 lm/m	66.7 lm/W
	Blue	~460-465nm	89 lm/m	19.5 lm/W
	Cool white	5700K, CRI>90	1252 lm/m	104lm/W

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

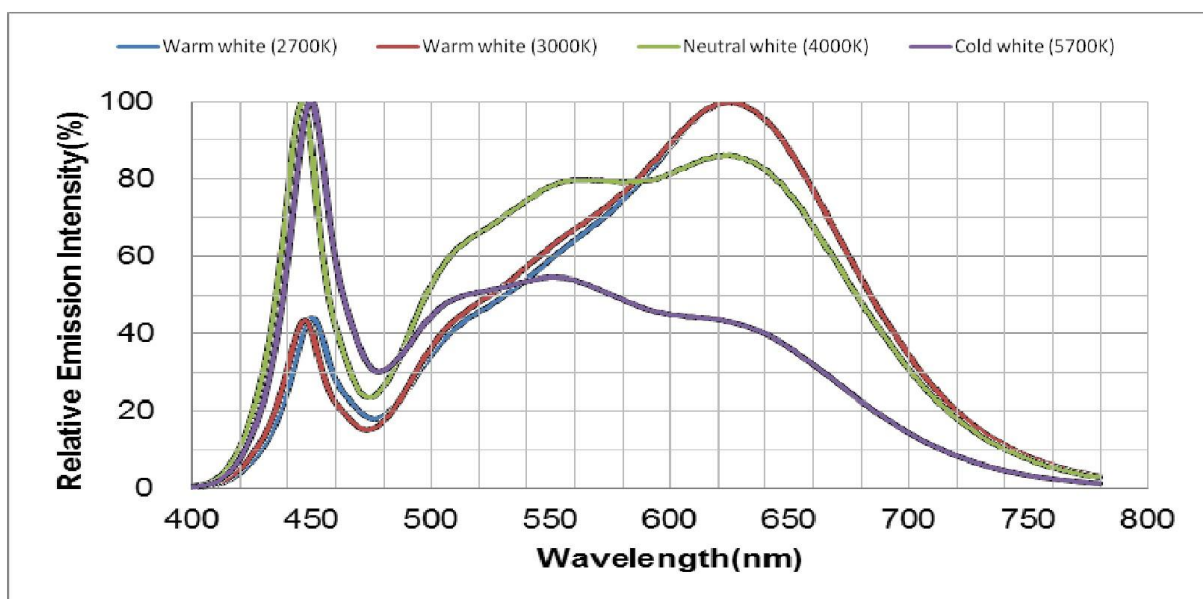
Temperature conditions

Item family code	Ambient working temperature, t^a	Product working temperature	Storage temperature
RGB534-24	-30°C ~ +30°C	Less than 55°C at room temperature 23°C	-40°C ~ +85°C

Light spectrum diagram (RGB)

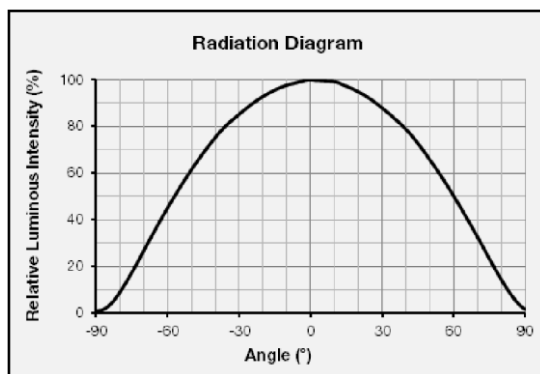


Light spectrum diagram (White)



* Information here is provided by LED manufacturer.

Light distribution



* Information above is provided by the LED manufacturer.

Standards and declarations of conformity

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

Important: Product is assembled using white LEDs that have been tested according to LM-80 for no less than 9000 hours.

Energy label and marking

Modelis/Model: RGB534H-24				EEI		
24 W/m	24V DC	RGB+4000K	5m	ENERGY LABEL Y IIA IE IA енергия · ενεργεια A++ A+ A B C D E A		
	4 year warranty	IP20	RoHS			
WARNING	This package contains a static and moisture sensitive device			    		
ATTENTION	Storage temperature: -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

60+60LED/M RGB+W PRODUCT FAMILY

24W/m TECHNICAL SPECIFICATION

LED strip length per reel—5 meters

Note: installation instructions are included in every box