



Areas of application

- “ Furniture lighting
- “ Decorative lighting
- “ Accent lighting

Product benefits

- “ Product is tested under various conditions by accredited laboratories
- “ High quality Bridgelux SMD LED
- “ LED lifetime is tested according to LM-80 standard
- “ High quality light meets EU photobiological safety requirements for indoor lighting
- “ 6-year manufacturer's warranty (L70 >54 000 h)
- “ Made in Europe

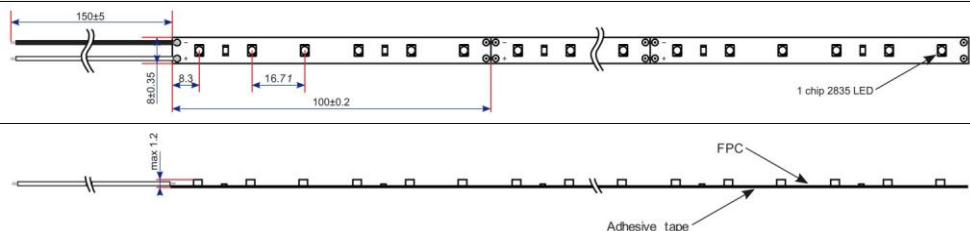
Product features

- “ Flexible and cuttable LED strip
- “ Rated power **8 W per meter**
- “ Efficiency up to 91 Lm/W
- “ CRI >90
- “ Dimmable
- “ (12V) 7 m—optimal length connecting from both sides to avoid voltage drop more than 1 volt per strip

Electrical data

Item family code	Nominal voltage	Type of current	Nominal current	Rated power
830b12	12 V	DC	0,66 A/m	8 W/m

Dimensions

Item family code	
830b12	

¹ LED strip can be cut every 100 mm

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

Photometric data

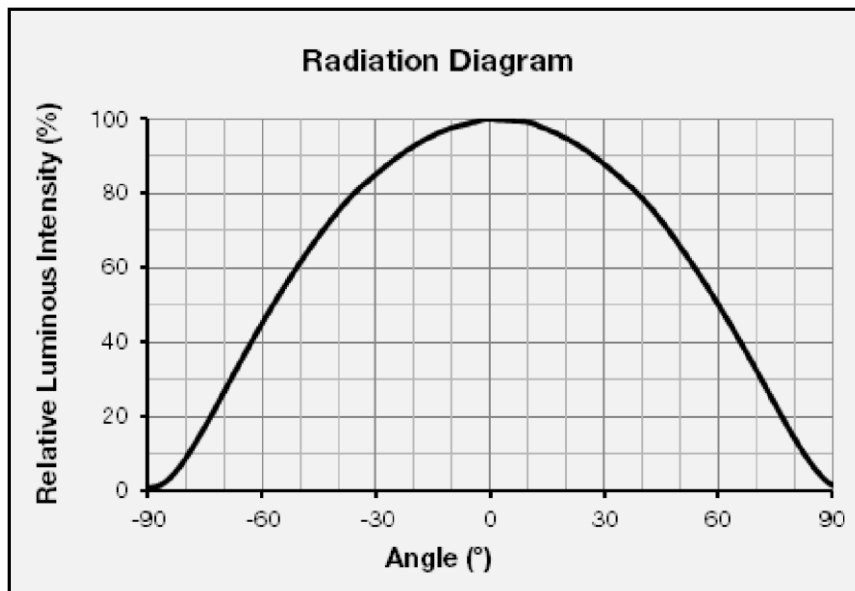
Item code	CCT	Color	CRI	Light output	Efficiency
830b12K27	2700K	Warm white	>90	662 lm/m	83 lm/W
830b12K30	3000K	Warm white		678 lm/m	85 lm/W
830b12K40	4000K	Neutral white		711 lm/m	89 lm/W
830b12K57	5700K	Cool White		727 lm/m	91 lm/W

Temperature conditions

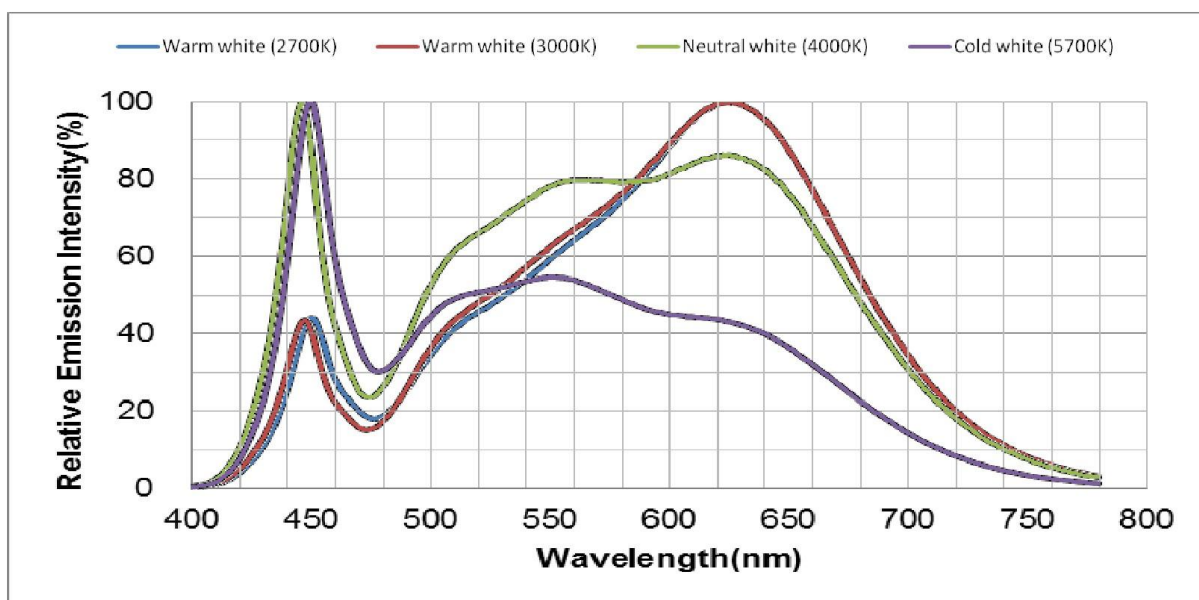
Item family code	Ambient working temperature, t ^a	Product working temperature	Storage temperature
830b12	-30°C ~ +30°C	Less than 60°C at room temperature 23°C	-40°C ~ +85°C

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

Light distribution



Light spectrum diagram CRI > 90



* 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.*

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

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