



Areas of application

- “ Furniture lighting
- “ Decorative lighting
- “ Accent lighting
- “ Hidden 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 LED density creates „line of light“ effect even with shallow aluminium profiles
- “ High quality light meets EU photobiological safety requirements for indoor lighting
- “ 6-year manufacturer’s warranty (L70 >60 000 h; L80 >60 000 h; L90 ~31 000 h)
- “ Made in Europe

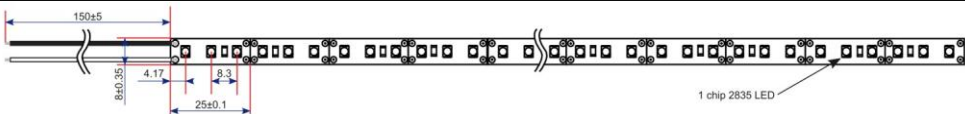
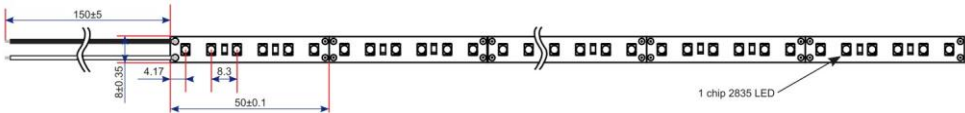
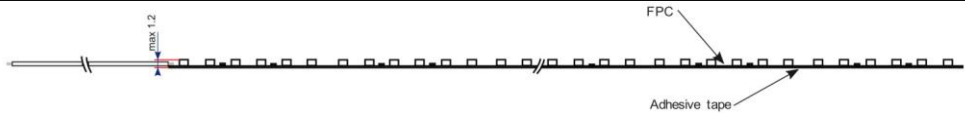
Product features

- ☐ Flexible and cuttable LED strip
- ☐ Rated power **6W per meter**
- ☐ Efficiency up to 114 Lm/W
- ☐ CRI >90
- ☐ Dimmable
- ☐ 12V and 24V options available
- ☐ (12V) 9 m—optimal length connecting from both sides to avoid voltage drop more than 1 volt per strip
- ☐ (24V) 18m—optimal length connecting from both sides to avoid voltage drop more than 2 volt per strip

Electrical data

Item family code	Nominal voltage	Type of current	Nominal current,	Rated power
612b12	12 V	DC	0,5 A/m	6 W/m
612b24	24 V		0,25 A/m	6 W/m

Dimensions

Item family code	
612b12	
612b24	
	

¹ 12V led strip can be cut every 25 mm

² 24V led strip can be cut every 50mm

³ Wires are soldered at both ends of reel in typical product assembly

Photometric data

Item code	CCT	Color	CRI	Light output	Efficiency
612b12K27	2700 K	Warm white	>90	615 lm/m	103 lm/W
612b12K30	3000K	Warm white		642 lm/m	107 lm/W
612b12K40	4000K	Neutral white		684 lm/m	114 lm/W
612b12K57	5700K	Cool White		684 lm/m	114 lm/W

612b24K27	2700 K	Warm white	>90	615 lm/m	103 lm/W
612b24K30	3000K	Warm white		642 lm/m	107 lm/W
612S24K40	4000K	Neutral white		684 lm/m	114 lm/W
612S24K57	5700K	Cool White		684 lm/m	114 lm/W

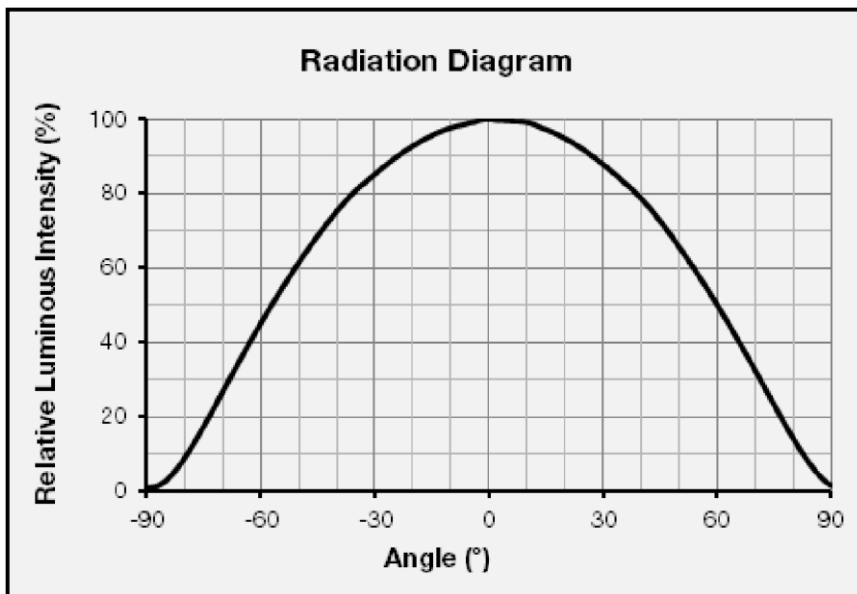
Temperature conditions

Item family code	Ambient working temperature, t ^a	Product working temperature	Storage temperature
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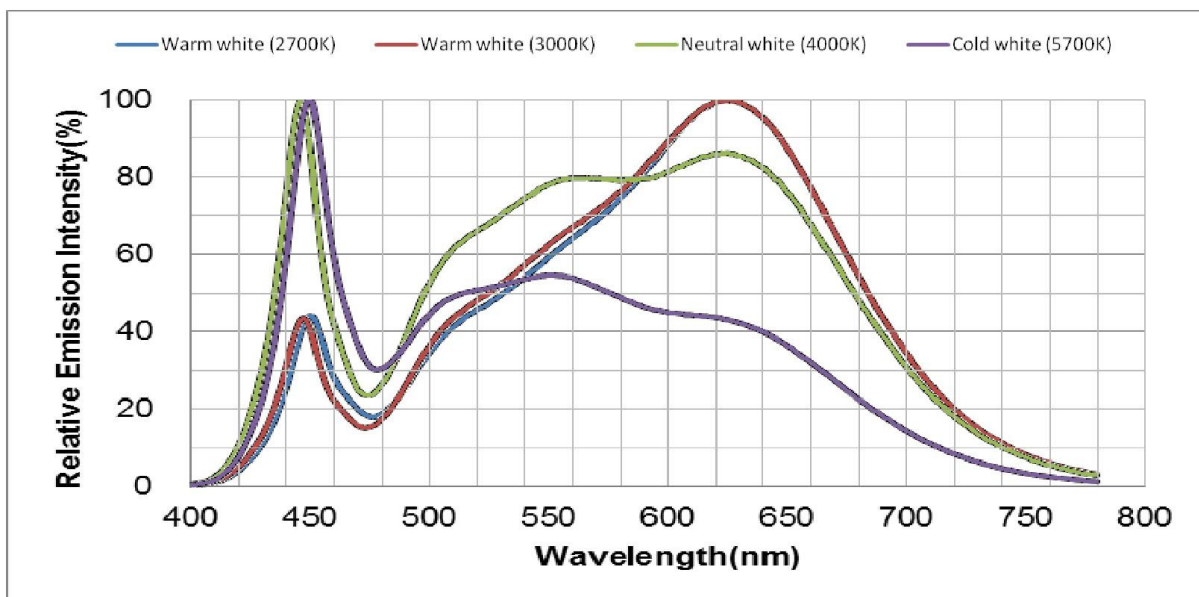
612bS12	-30C ~ +30°C	Less than 60°C at room temperature 23°C	-40C ~ +85°C
612b24			

□ 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 10000 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