



Areas of application

- “ General lighting
- “ Task lighting
- “ Decorative lighting

Product benefits

- “ High quality **Bridgelux** LEDs. Lifetime is tested according to LM-80 standard
- “ Exceptionally high LED density ensures a consistent “line of light” effect even in very shallow profiles
- “ Convenient 25 mm cutting step
- “ 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

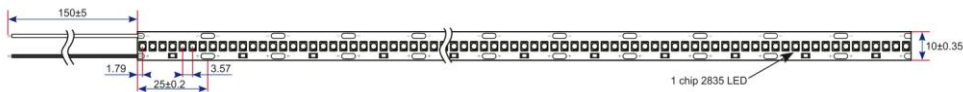
Product features

- “ Flexible and cuttable LED strip
- “ Rated power **18 W per meter**
- “ Efficiency up to 132 Lm/W
- “ CRI > 90
- “ Dimmable
- “ (24V) 7 m—optimal length connecting from both sides to avoid voltage drop more than 1.3 volt per strip

Electrical data

Item family code	Nominal voltage	Type of current	Nominal current	Rated power
1828b24	24 V	DC	0,75 A/m	18 W/m

Dimensions

Item family code	
1828b24	
	

¹ LED strip can be cut every 25 mm

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

Photometric data

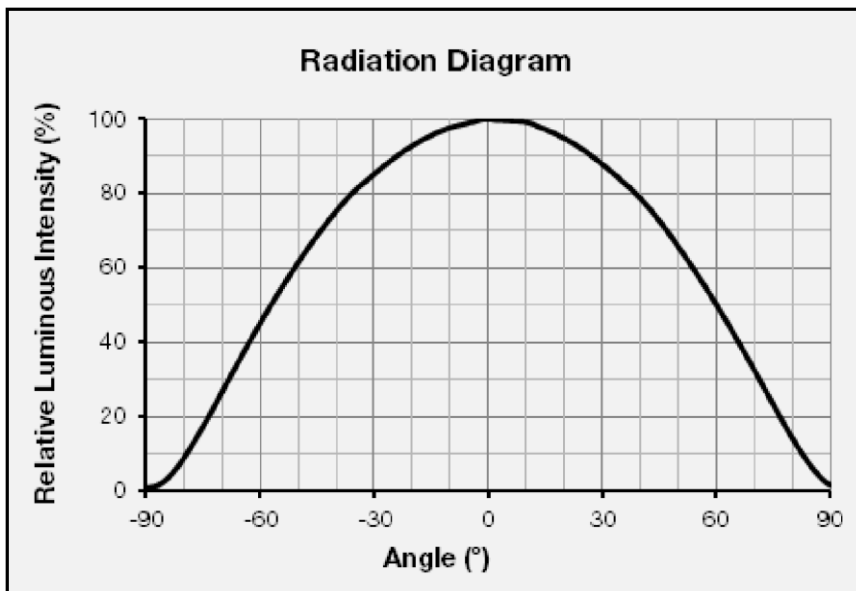
Item code	CCT	Color	CRI	Light output	Efficiency
1828b24K27	2700K	Warm white	>90	2139 lm/m	119 lm/W
1828b24K30	3000K	Warm white		2236 lm/m	124 lm/W
1828b24K40	4000K	Neutral white		2380 lm/m	132 lm/W
1828b24K57	5700K	Cool White		2380 lm/m	132 lm/W

Temperature conditions

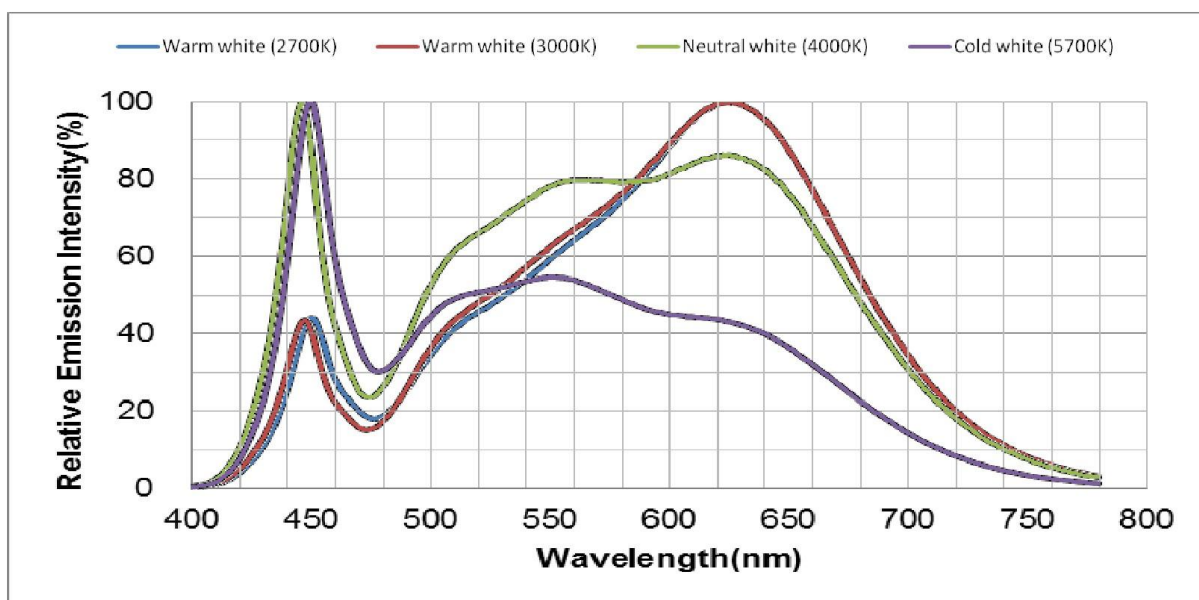
Item family code	Ambient working temperature, t ^a	Product working temperature	Storage temperature
1828b24	-30C ~ +30°C	Less than 60°C at room temperature 23°C	-40C ~ +85°C

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

Light 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)*

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