

Areas of application

- General lighting
- Task lighting
- Decorative lighting

Product benefits

- Product is tested under various conditions by accredited laboratories
- High quality Samsung 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 >54 000 h)
- Made in Europe

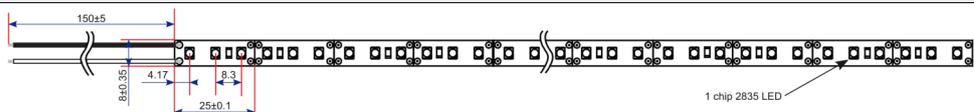
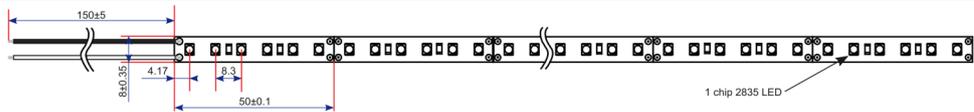
Product features

- Flexible and cuttable LED strip
- Rated power **25W per meter**
- Efficiency up to 95 Lm/W
- CRI >90
- Dimmable
- 12V and 24V options available
- (12V) 4m—optimal length connecting from both sides to avoid voltage drop more than 1 volt per strip
- (24V) 8m—optimal length connecting from both sides to avoid voltage drop more than 2 volt per strip
- **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
2512S12	12 V	DC	2.1 A/m	25 W/m
2512S24	24 V		1.04 A/m	25 W/m

Dimensions

Item family code	
2512S12	
2512S24	
	

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
2512S12K27	2700 K	Warm white	>90	2151 lm/m	86 lm/W
2512S12K30	3000K	Warm white		2204 lm/m	88 lm/W
2512S12K40	4000K	Neutral white		2310 lm/m	92 lm/W
2512S12K57	5700K	Cool White		2364 lm/m	95 lm/W

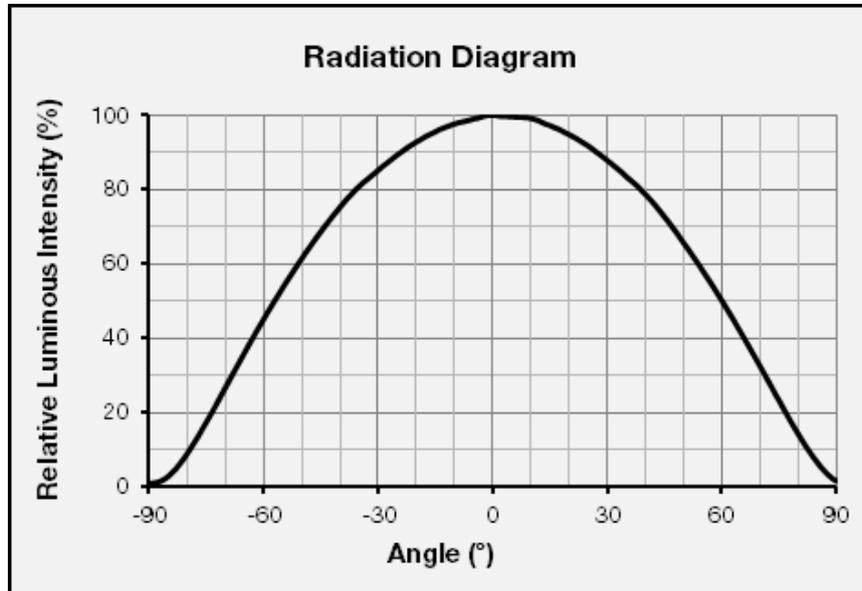
2512S24K27	2700 K	Warm white	>90	2151 lm/m	86 lm/W
2512S24K30	3000K	Warm white		2204 lm/m	88 lm/W
2512S24K40	4000K	Neutral white		2310 lm/m	92 lm/W
2512S24K57	5700K	Cool White		2364 lm/m	95 lm/W

Temperature conditions

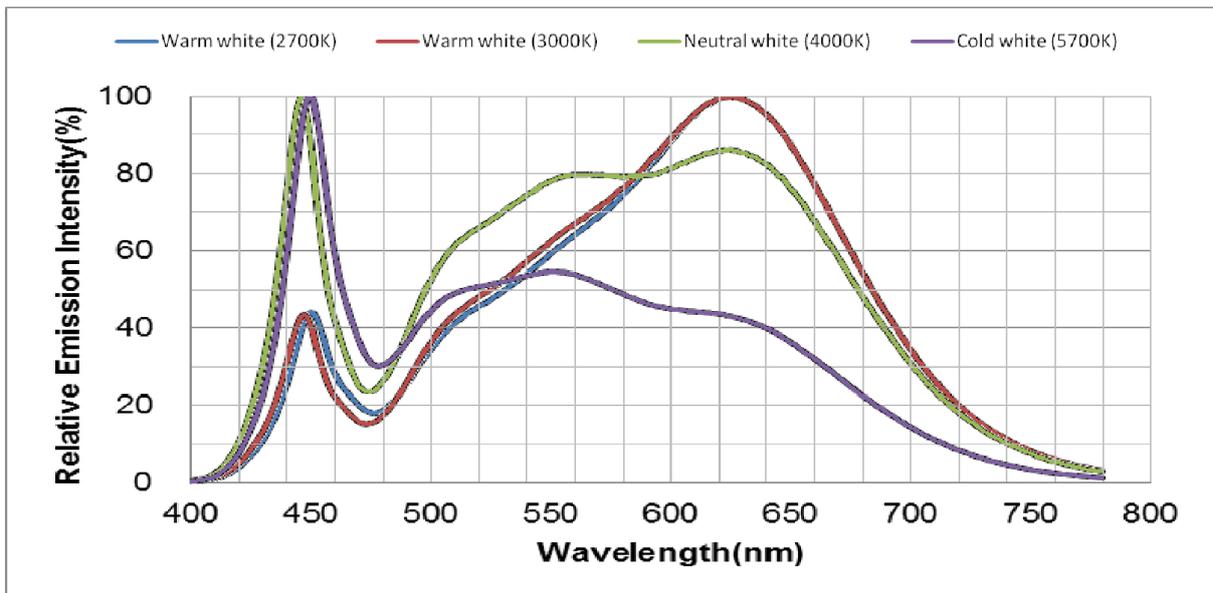
Item family code	Ambient working temperature, t ^a	Product working temperature	Storage temperature
2512S12	-30C ~ +30°C	Less than 60°C at room temperature 23°C	-40C ~ +85°C
2512S24			

^a 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.

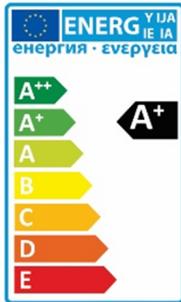
Standards and declarations of conformity

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.

Energy label and marking

Modelis/Model: 2512S12K57					EEI		
25 W/m	12V DC	5700K	2364 Lm/m	5m			
	6 metų garantija	CRI > 90	IP20	RoHS			CE
ĮSPĖJIMAS Šioje pakuotėje yra elektrostatiniam krūviui ir drėgmei jautrus įrenginys	Laikymo temperatūra: -40, +80 °C						
DĖMESIO							

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