

Areas of application

- Furniture lighting
- General lighting
- Decorative lighting
- Task lighting
- Accent lighting

Product benefits

- IC LED drivers ensure constant brightness across the full length of the strip
- 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

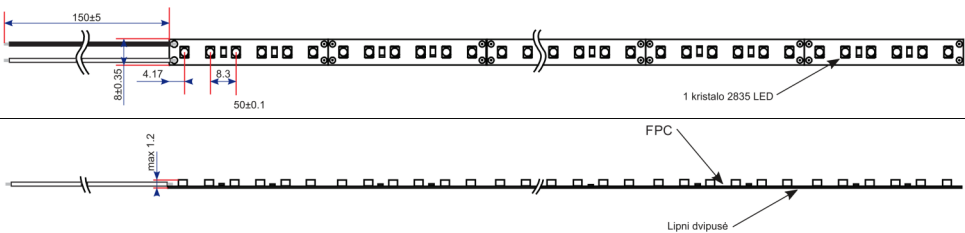
Product features

- Flexible and cuttable LED strip
- Rated power **12W per meter**
- Efficiency up to 104 Lm/W
- CRI >90
- Dimmable
- Rated voltage 24V
- 12m — maximum LED strip length without brightness drop, when one end is connected to 24V.
- 24m — maximum LED strip length without brightness drop, when both ends are connected to 24V.
- **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
1212D24	24 V	DC	0,5 A/m	12 W/m

Dimensions

Item family code	
1212D24	

¹ 24V led strip can be cut every 50mm

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

Photometric data

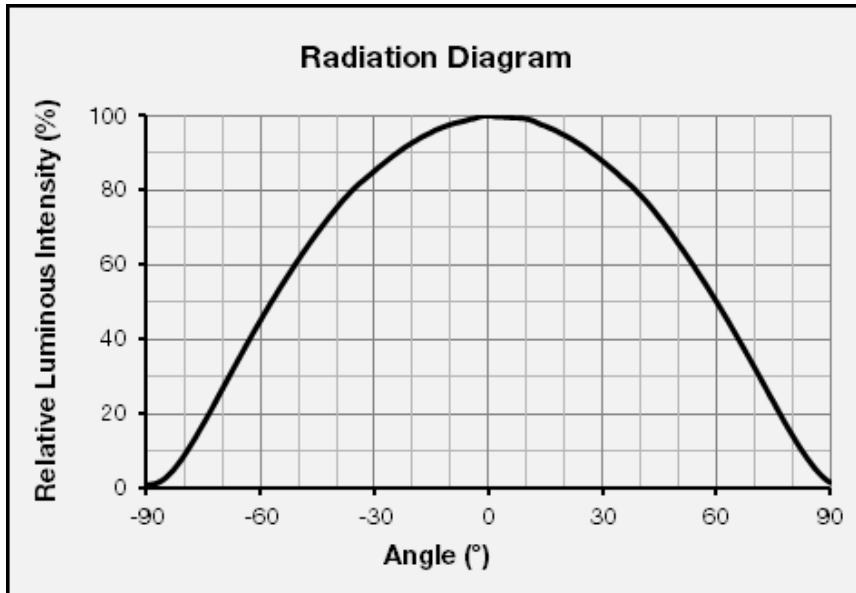
Item code	CCT	Color	CRI	Light output	Efficiency
1212D24K27	2700K	Warm white	>90	1140 lm/m	95 lm/W
1212D24K30	3000K	Warm white		1168 lm/m	97 lm/W
1212D24K40	4000K	Neutral white		1224 lm/m	102 lm/W
1212D24K57	5700K	Cool White		1252 lm/m	104 lm/W

Temperature conditions

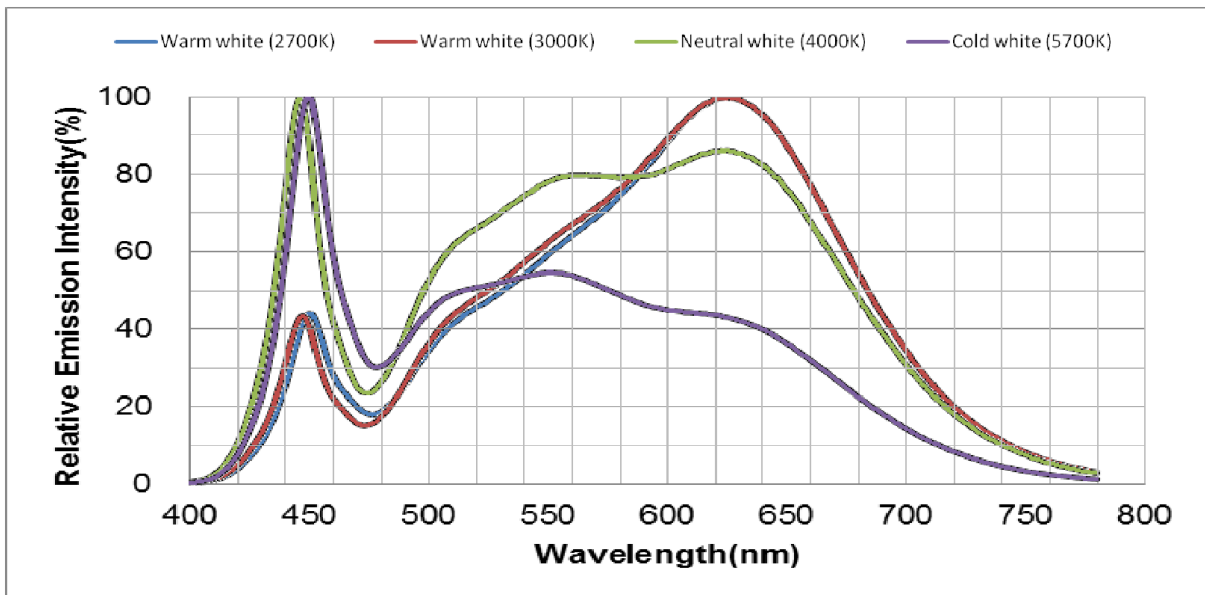
Item family code	Ambient working temperature, t ^a	Product working temperature	Storage temperature
1212D24	-30C ~ +30°C	Less than 60°C at room temperature 23°C	-40C ~ +85°C

* 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









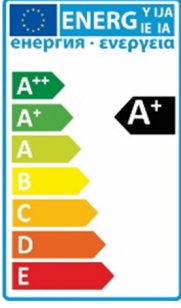
* Information here is provided by LED manufacturer.

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 9000 hours.

Energy label and marking

Modelis/Model:		1212D24K57				EEI	
12 W/m		24V DC		5700K		1252 Lm/m 5m	
		6 metų garantija		CRI > 90		IP20	
				RoHS			
ĮSPĖJIMAS		Šioje pakuotėje yra elektrosstatiniam krūviui ir drėgmei jautrus įrenginys					
DĖMESIO		Laikymo temperatūra: -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

LED strip length per reel—5 meters

Note: installation instructions are included in every box