

Areas of application

- Furniture lighting
- Decorative lighting
- Task lighting
- Hidden lighting

Product benefits

- High quality **Samsung** 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
- 7-year manufacturer’s warranty (L70 >60 000 h; L80 >60 000 h; L90 ~31 000 h)
- Made in Europe

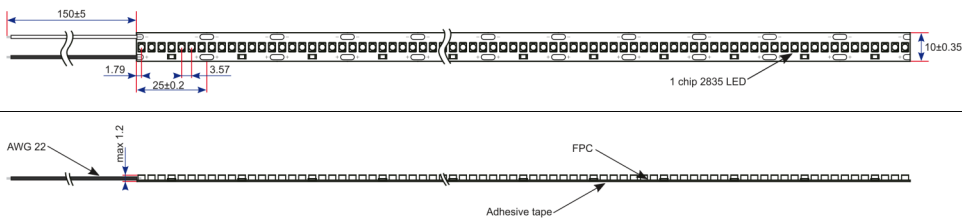
Product features

- Flexible and cuttable LED strip
- Rated power **12 W per meter**
- Efficiency up to 133 Lm/W
- CRI > 90
- Dimmable
- (24V) 9 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	Nominal current	Rated power
1228s24	24 V	DC	0,5 A/m	12 W/m

Dimensions

Item family code	Diagram
1228s24	

¹ LED strip can be cut every 25 mm

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

Photometric data

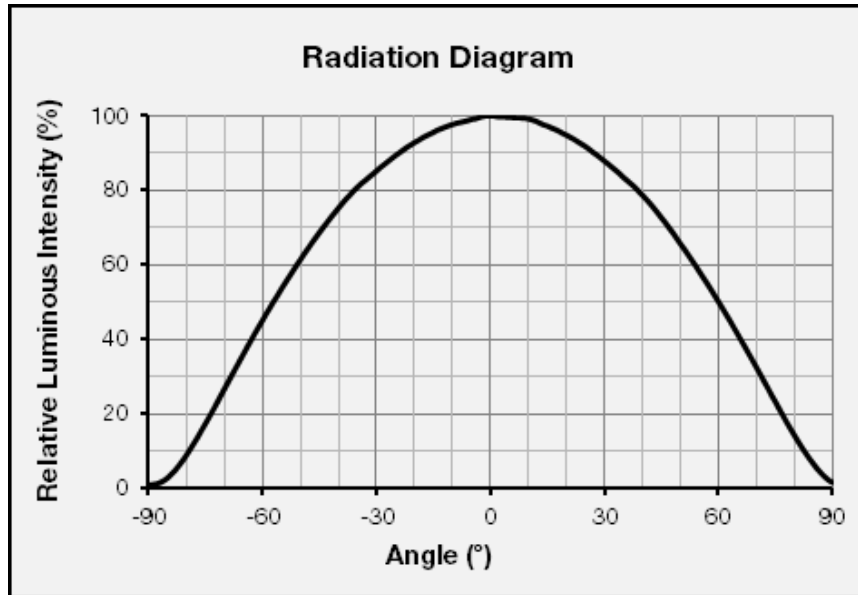
Item code	CCT	Color	CRI	Light output	Efficiency
1228s24K27	2700K	Warm white	>90	1435 lm/m	120 lm/W
1228s24K30	3000K	Warm white		1499 lm/m	125 lm/W
1228s24K40	4000K	Neutral white		1596 lm/m	133 lm/W
1228s24K57	5700K	Cool White		1596 lm/m	133 lm/W

Temperature conditions

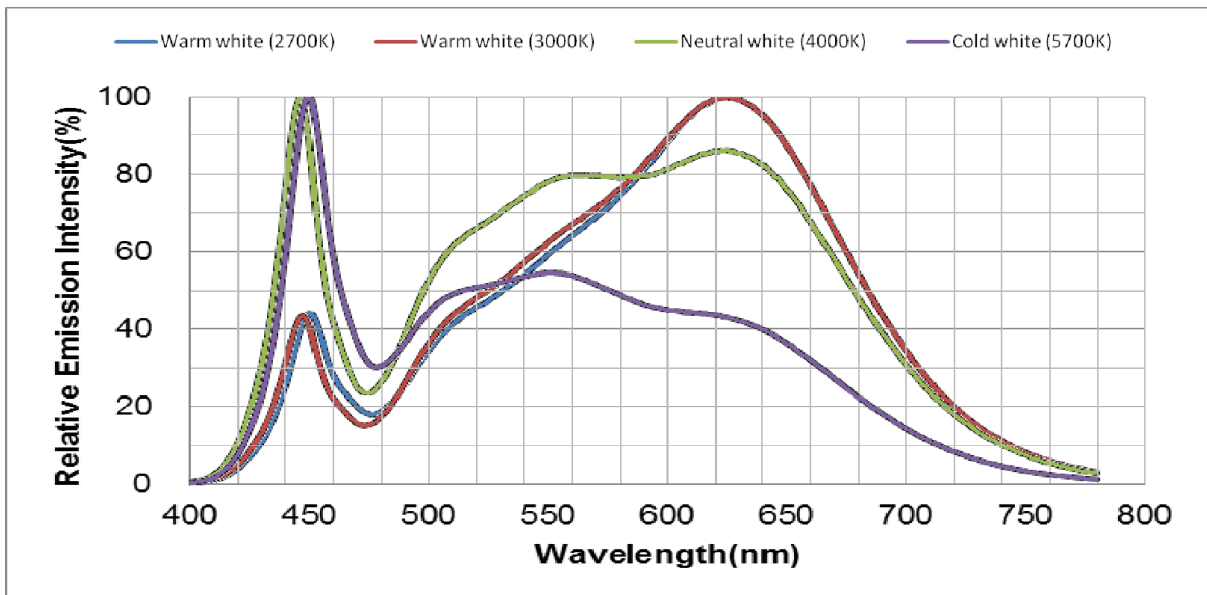
Item family code	Ambient working temperature, t ^a	Product working temperature	Storage temperature
1228s24	-30°C ~ +30°C	Less than 60°C at room temperature 23°C	-40°C ~ +85°C

• 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









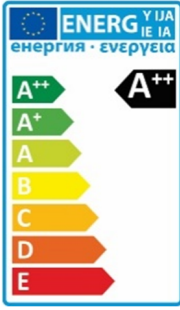
• Information here is provided by LED manufacturer.

Standards and declarations of conformity

Declarations of conformity: *CE (RoHS is part of CE)*

Important: Product is assembled using LEDs that have been tested according to LM-80 for no less than 10000 hours.

Energy label and marking

Modelis/Model:		1228S24K30				EEI	
12 W/m		24V DC		3000K		1499 Lm/m 5m	
		7 year warranty		CRI > 90		IP20	
				RoHS			
WARNING		This package contains a static and moisture sensitive device				   	
ATTENTION		Storage temperature: -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