

Areas of application

- General lighting
- Decorative lighting
- Accent lighting

Product benefits

- Constant current driver guarantees precise light output
- Overtemperature protection protects the LEDs from overheating and guarantees long lifetime
- High quality Samsung SMD LED
- LED SMD packaging are tested and meets LM-80 and photobiological safety requirements
- High color quality meets EU requirements of indoor lighting
- Optimal LEDs pitch delivers „line of light“ effect even using low LED profiles
- 6-year manufacturer's warranty (L70 >54000 h)

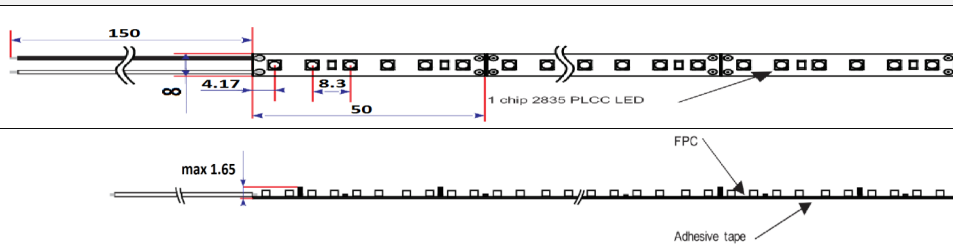
Product features

- Flexible and cuttable LED strip
- Rated power **28,8 W per meter**
- Efficiency up to 114 lm/W
- CRI >80 and CRI >90 available
- Dimmable
- 10 m—optimal length connecting from both sides to guarantee even light output through whole LED strip to 99%

Electrical data

Item family code	Nominal voltage	Type of	Nominal current	Rated power
2812D24	24 V	DC	1.2 A/m	28,8 W/m

Dimensions

Item family code	
2812D24	

¹ 24V led strip can be cut every 50mm

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

Photometrical data CRI > 80

Item code	CCT	Color	CRI	Light output	Efficiency
2812D24-27	2700K	Warm white	>80	3000 lm/m	104 lm/W
2812D24-30	3000K	Warm white		3060 lm/m	106 lm/W
2812D24-40	4000K	Neutral white		3240 lm/m	112 lm/W
2812D24-57	5700K	Cool White		3300 lm/m	114 lm/W

Photometrical data CRI > 90

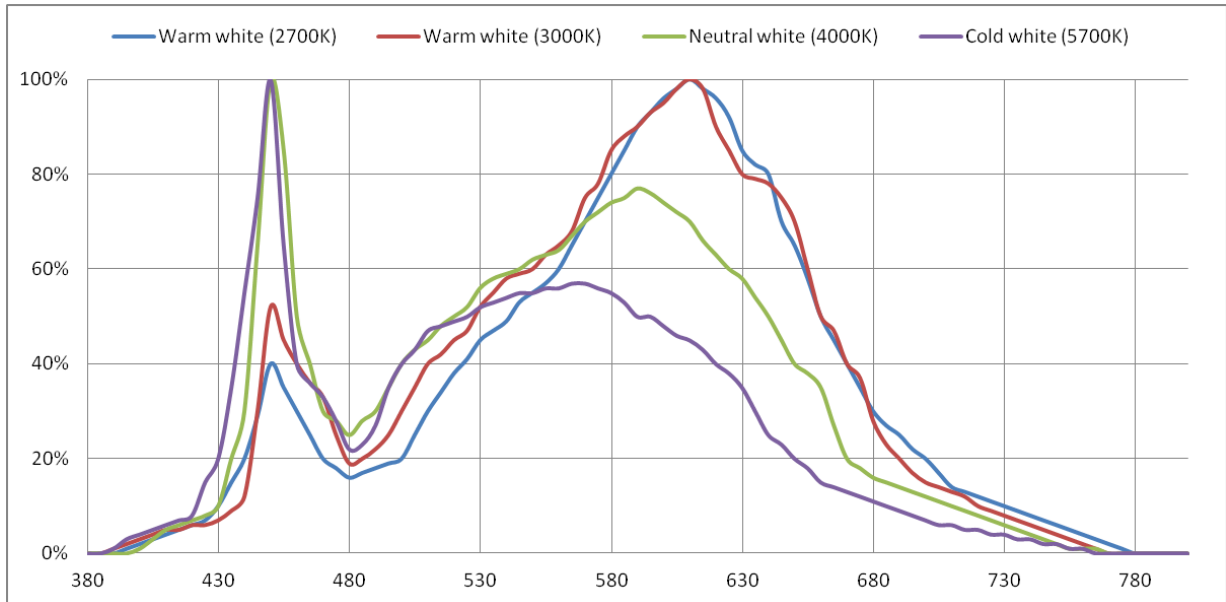
Item code	CCT	Color	CRI	Light output	Efficiency
2812D24K30	3000K	Warm white	>90	2580 lm/m	90 lm/W
2812D24K40	4000K	Neutral white		2700 lm/m	94 lm/W

Temperature conditions

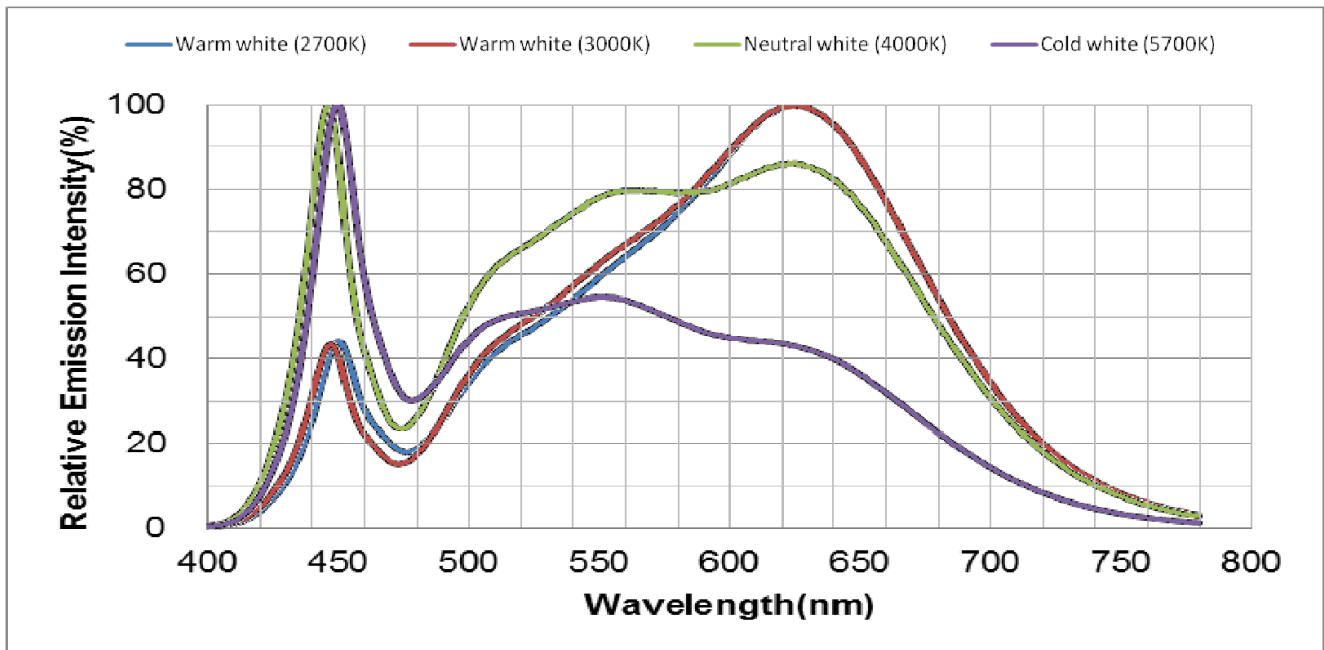
Item family code	Ambient working	Product working	Storage temperature
2812D24	-30C ~ +30°C	Less than 60°C at room	-40C ~ +85°C

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

Light spectrum diagram CRI > 80



Light spectrum diagram CRI > 90

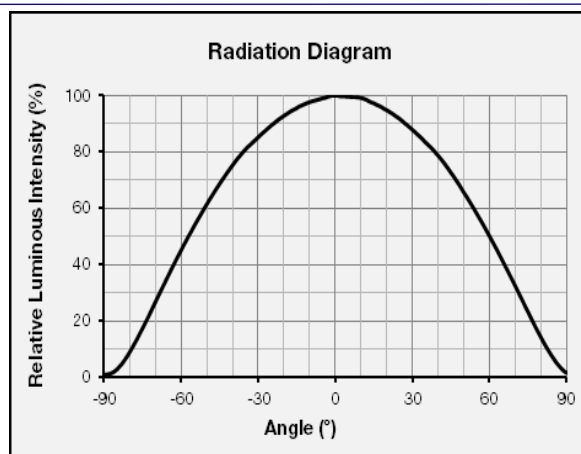


* Information here is provided by LED packaging manufacturer

Color temperature and range

Light distribution

Color bin code	Color description	CCT Color range
ANSI 2700	Warm White	2700 K
ANSI 3000	Warm White	3000 K
ANSI 4000	Neutral white	4000 K
ANSI 5700	Cool white	5700 K



Information here is provided by LED packaging manufacturer

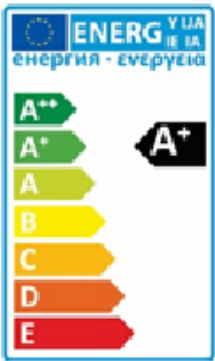



Standards and declarations of conformity

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 LED packages that are tested using LM-80 for no less than 9000 hours.

Energy label and marking

<u>Modelis/Model:</u> 2812D24-30					EEI		
28,8W/m	24V DC	3000K	3060 Lm/m	5m			
	6 METŲ GARANTUJA	CRI > 80	IP20	RoHS			CE
<u>IŠPĒJIMAS</u>	Šis iepakojums ir elektrostātiskajam krāpjuvair dārgmei ietruis izraisīvs.						
<u>DĒMESIO</u>	<u>Laikvmo temperatūra: -40, +80 °C</u>						

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.

Carton box. Size 187*183*20mm

Carton reel. Size D=190mm h=15mm

LED strip length per reel—5 meters

Note: installation instructions are included in every packaging