

Areas of application

- .. Furniture lighting
- .. Decorative lighting
- .. Accent lighting
- .. Main light source

Product benefits

- .. Product is tested by accredited laboratories using various conditions
- .. 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
- .. 6-year manufacturer's warranty (L70 >54 000 h)
- .. Made in Europe

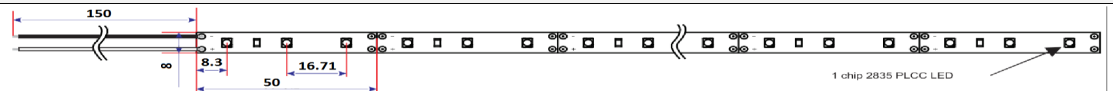
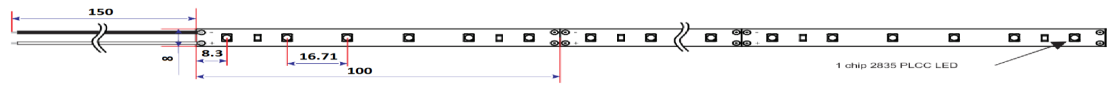

Product features

- .. Flexible and cuttable LED strip
- .. Rated power **16 W per meter**
- .. Efficiency up to 110 Lm/W
- .. CRI >80 and CRI >90 available
- .. Dimmable
- .. Both 12V and 24V options available
- .. (12V) 5m—optimal length connecting from both sides to avoid voltage drop more than 1 volt per strip
- .. (24V) 10m—optimal length connecting from both sides to avoid voltage drop more than 2 volt per strip

Electrical data

Item family code	Nominal voltage	Type of current	Nominal current	Rated power
1660S12	12 V	DC	1,33 A/m	16 W/m
1660S24	24 V		0,66 A/m	16 W/m

Dimensions

Item family code	Diagram
1660S12	
1660S24	
	

¹ 12V led strip can be cut every 50 mm

² 24V led strip can be cut every 100mm

³ wires are soldered at both ends of reel in typical product assembly

Photometrical data CRI > 80

Item code	CCT	Color description	CRI	Light output	Efficiency
1660S12-27	2700K	Warm white	>80	1604 lm/m	100 lm/W
1660S12-30	3000K	Warm white		1637 lm/m	102 lm/W
1660S12-40	4000K	Neutral white		1733 lm/m	108 lm/W
1660S12-57	5700K	Cool White		1766 lm/m	110 lm/W

1660S24-27	2700K	Warm white	>80	1604 lm/m	100 lm/W
1660S24-30	3000K	Warm white		1637 lm/m	102 lm/W
1660S24-40	4000K	Neutral white		1733 lm/m	108 lm/W
1660S24-57	5700K	Cool White		1766 lm/m	110 lm/W

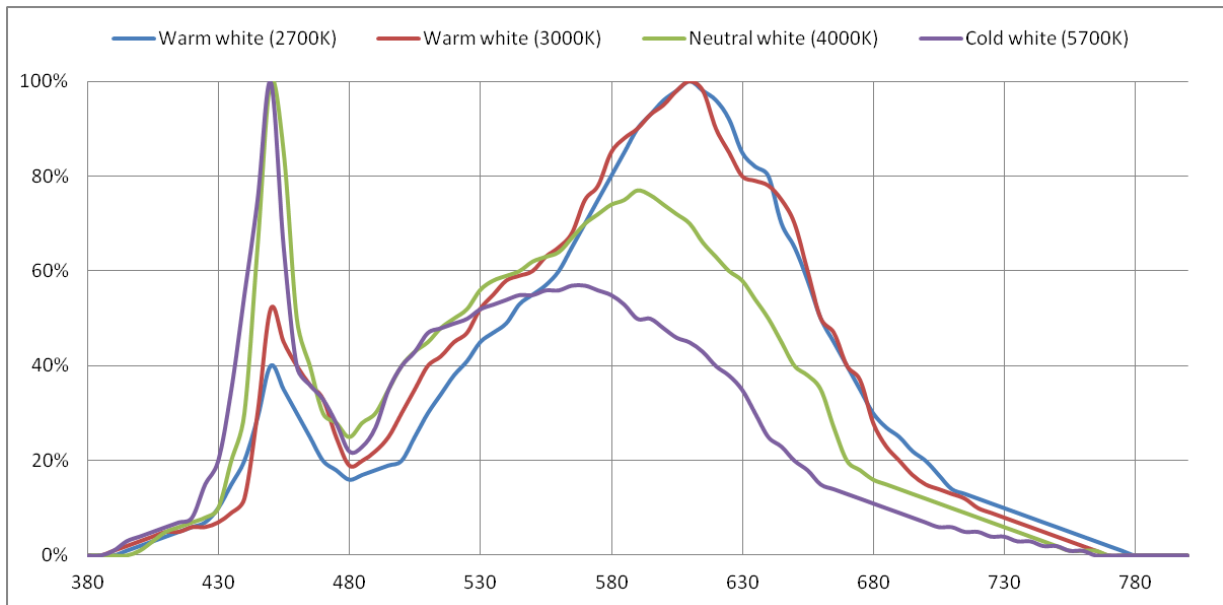
Photometrical data CRI > 90

Item code	CCT	Color	CRI	Light output	Efficiency
1660s12K30	3000K	Warm white	>90	1380 lm/m	86 lm/W
1660s12K40	4000K	Warm white		1444 lm/m	90 lm/W
1660s24K30	3000K	Neutral white		1380 lm/m	86 lm/W
1660s24K40	4000K	Cool White		1444 lm/m	90 lm/W

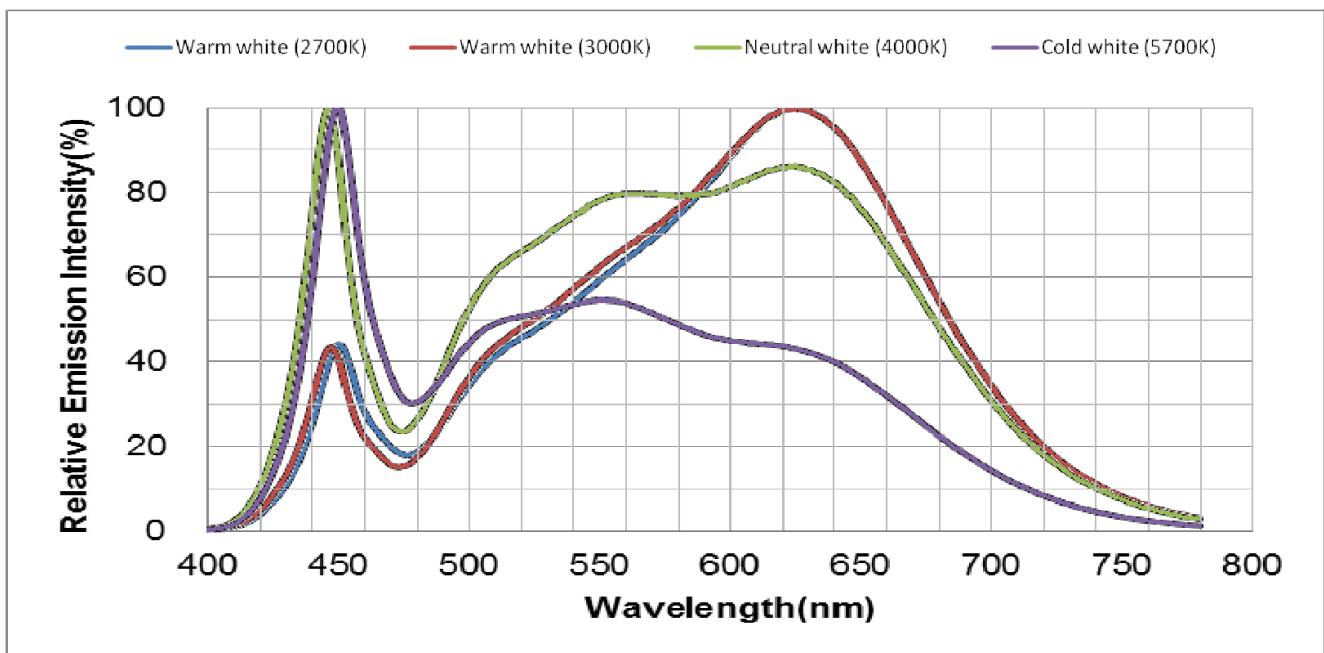
Temperature conditions

Item family code	Ambient working temperature, t ^a	Product working temperature	Storage temperature
1660S12	-30C ~ +30°C	Less than 60°C at room temperature 23°C	-40C ~ +85°C
1660S24			

Light spectrum diagram CRI > 80



Light spectrum diagram CRI > 90

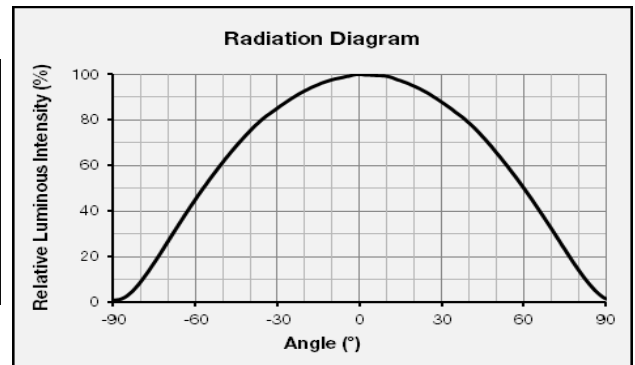


* Information here is provided by LED packaging manufacturer

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


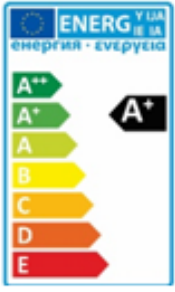
Standards and declarations of conformity

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

Modelis/Model: 1660S12-30IP		EEI	
16 W/m	12V DC	3000K	1637 Lm/m 4m
	6 METŲ GARANTUJA	CRI > 80	IP67 RoHS CE
ISPĖJIMAS	Šis produktas yra elektrosstatinis tvirtinimo dėgmelis, kuris yra išsijungęs.		
DĖMESIO	Leidžiama 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.

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 box