

### Areas of application

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- “ Furniture lighting
- “ Decorative lighting
- “ Accent lighting

### Product benefits

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- “ Product tested under various conditions by accredited laboratories
- “ Reliable Samsung LEDs
- “ LED lifetime tested according to LM-80 standard
- “ High quality light meets EU photobiological safety requirements for indoor lighting
- “ 6-year manufacturer’s warranty (L80B10 ~55000 hrs. at 55°C LED strip temperature)
- “ Made in Europe

### Product features

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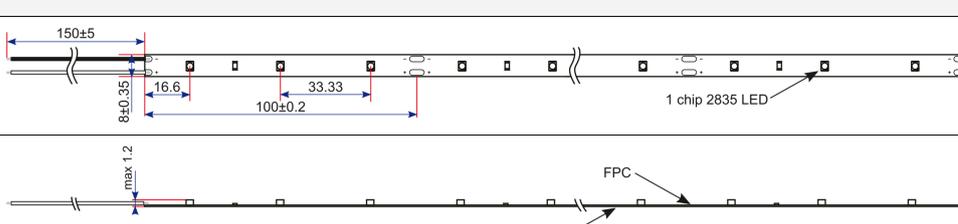
- “ Flexible and cuttable LED strip
- “ Rated power **3.2W per meter**
- “ Efficiency up to 111 Lm/W
- “ CRI >90
- “ IP20 or IP67 options available. IP67 version is indicated by “-IP” at the end the item code.
- “ Dimmable
- “ (12V) 12m—optimal strip length to avoid a voltage drop of more than 1 volt when powered at both ends
- “ **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 <sup>1</sup> | Rated power P <sub>on</sub> <sup>1</sup> |
|------------------|-----------------|-----------------|------------------------------|------------------------------------------|
| <b>330S12</b>    | 12 V            | DC              | 0.27 A/m                     | 3.2 W/m                                  |

1. Tolerance +/-5%; Data specified when product temperature is at 45°C

### Dimensions

| Item family code |                                                                                     |
|------------------|-------------------------------------------------------------------------------------|
| <b>330S12</b>    |  |

12V led strip can be cut every 100 mm

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

### Photometric data

| Item code        | CCT    | Color         | CRI | Useful luminous flux $\Phi_{use}^2$ | Efficiency <sup>2</sup> |
|------------------|--------|---------------|-----|-------------------------------------|-------------------------|
| <b>330S12K27</b> | 2700 K | Warm white    | >90 | 318 lm/m                            | 99 lm/W                 |
| <b>330S12K30</b> | 3000K  | Warm white    |     | 333 lm/m                            | 104 lm/W                |
| <b>330S12K40</b> | 4000K  | Neutral white |     | 354 lm/m                            | 111 lm/W                |
| <b>330S12K57</b> | 5700K  | Cool White    |     | 354 lm/m                            | 111 lm/W                |

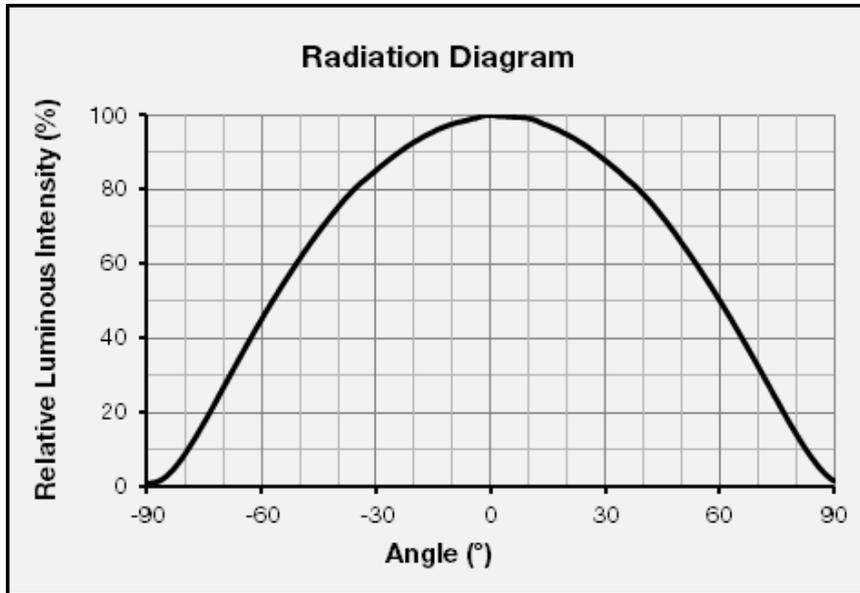
2. Tolerance +/-10%; Data specified when product temperature is at 45°C

### Temperature conditions

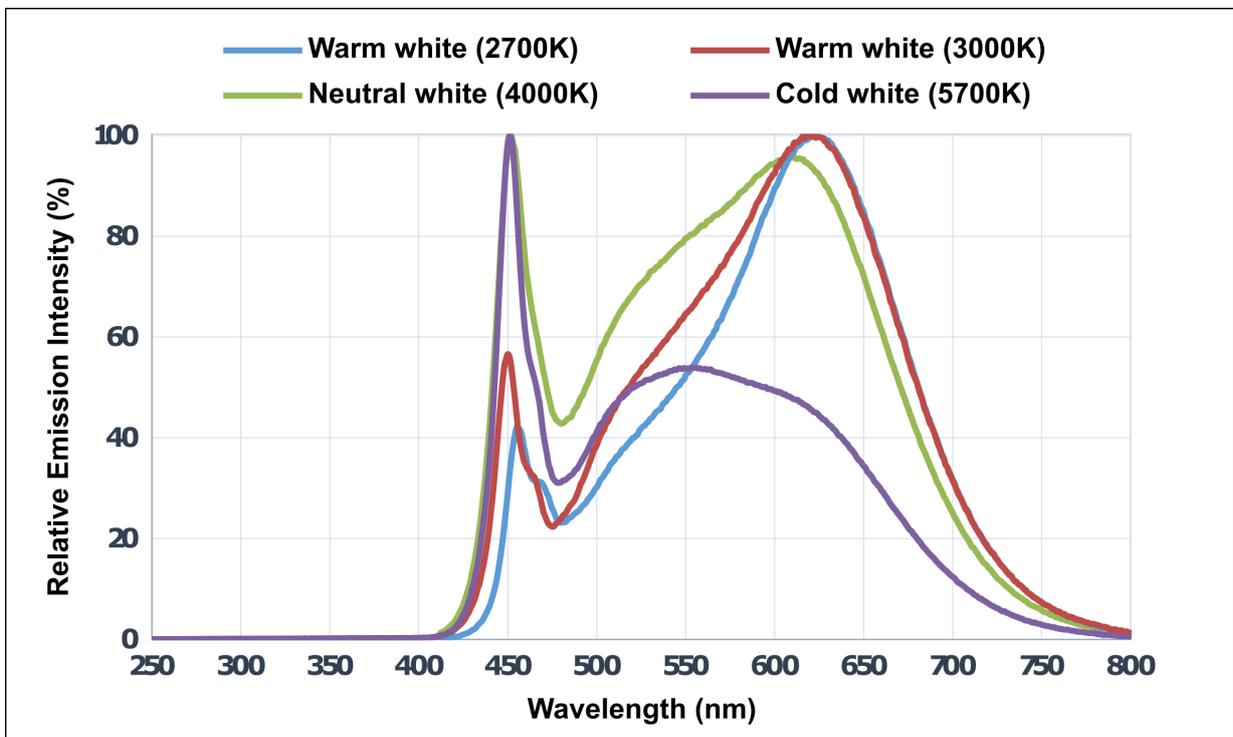
| Item family code | Ambient working temperature, t <sup>a</sup> | Product working temperature                | Storage temperature |
|------------------|---------------------------------------------|--------------------------------------------|---------------------|
| <b>330S12</b>    | -30C ~ +30°C                                | Less than 60°C at 23°C ambient temperature | -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 on this page has been provided by the LED manufacturer.

### Standards and declarations of conformity

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

Meets standards: *LST EN 60598-1:2015+AC:2016+A1:2018 (9.2.7cl.,9.2.8cl.), EN 60068-2-14:2009 (IEC 60068-2-14:2009), EN 62031:2008+A1:2013+A2:2015.*

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

### Energy label and marking

| Item code | EPREL code | Energy class | Symbol |
|-----------|------------|--------------|--------|
| 330S12K27 | 998116     | F            |        |
| 330S12K30 | 998136     | F            |        |
| 330S12K40 | 998138     | F            |        |
| 330S12K57 | 998140     | F            |        |

|                                                   |            |         |
|---------------------------------------------------|------------|---------|
| 3,2W/m                                            | 12 V DC    | IP20    |
| Naudingasis šviesos srautas/ Useful luminous flux | <b>333</b> | SAMSUNG |
| CRI >90                                           | 3000K      |         |
| Kiekis/Quantity:                                  | 5 m        |         |

|                 |                  |
|-----------------|------------------|
|                 |                  |
| <b>Retechas</b> | <b>330S12K30</b> |
| A               |                  |
| B               |                  |
| C               |                  |
| D               |                  |
| E               |                  |
| F               |                  |
| G               |                  |
| <b>4</b>        |                  |
| kWh/1000h       |                  |

WARNING  
This package contains an electrostatic discharge and moisture sensitive device  
Attention: Storage temperature: -40, +80 °C

### Standard packaging

Product packaging is designed and manufactured based on: *EN 13427:2006*. Packaging materials can be recycled according to *EN 13430:2007*.

Packaging:

- .. Cardboard box. Size 120\*121\*20mm
- .. Cardboard reel. Size D=118mm h=15mm

Alternative packaging:

- .. Cardboard box. Size 180\*182\*20mm
- .. Cardboard reel. Size D=178mm h=15mm

LED strip length per reel—5 meters

Note: installation instructions are included in every box