

## Datasheet

LED Strip Specification

LED strip type:  
**LS12W60X3528ILX**

Description:  
**LuxaLight LED Strip 12V White Indoor 3528**  
**(12 Volt, 60 LEDs, 3528, IP20)**



Date:  
11-7-2015

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## Parameters:

| Basic Parameters  |                   |
|-------------------|-------------------|
| LED Type          | 3528 SMD          |
| Color             | White             |
| CRI               | ≥ 80 Ra           |
| Viewing Angle (θ) | 120 ±5°           |
| LED Qty           | 60 LEDs / mtr     |
| IP grade          | IP20              |
| Dimensions        | 1000 * 8 * 3mm    |
| Weight            | 20g ~ 25g / meter |
| Lifespan          | 50,000hours       |
| LB Value          | L80B50            |
| Warranty          | 5 Years           |

| Environment Parameters |               |
|------------------------|---------------|
| Working Temperature    | -25°C ~ +70°C |
| Storage Temperature    | -20°C ~ +60°C |

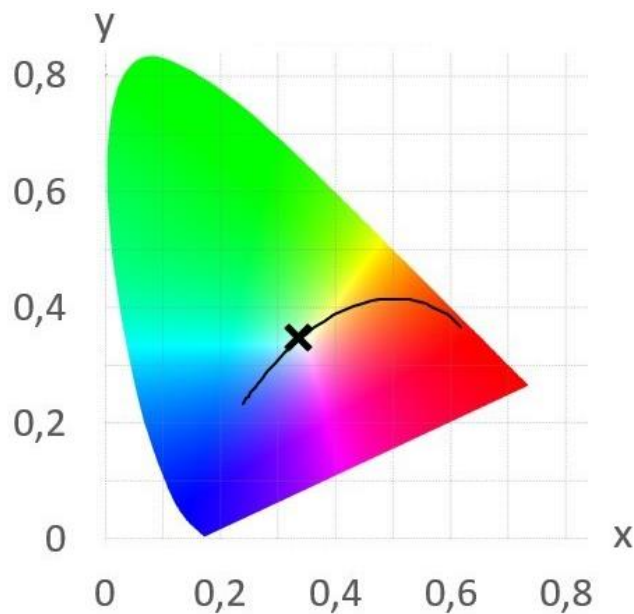
| Electronic Specifications |                  |
|---------------------------|------------------|
| Working Voltage           | DC12V            |
| Working Current           | 0.4A / mtr       |
| Working Wattage           | 4.8W / mtr       |
| Driving Method            | Constant Voltage |

| Wires & connection length |                  |
|---------------------------|------------------|
| Wires                     | UL1007 20# 150mm |
| Length per segment        | 50mm             |
| LEDs / segment            | 3                |
| Standard length on a reel | 10m              |

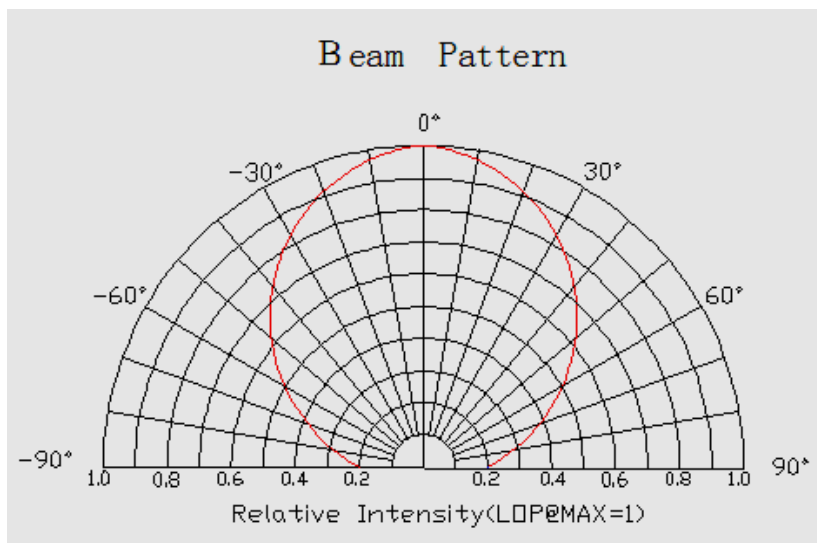
| Luminous Flux (Lumen/Meter) |           |
|-----------------------------|-----------|
| White                       | 500 Lumen |
|                             |           |
|                             |           |

| Wave Length/ Color Temperature (nm/k) |               |
|---------------------------------------|---------------|
| White                                 | 5300 ~ 5500 K |
|                                       |               |
|                                       |               |

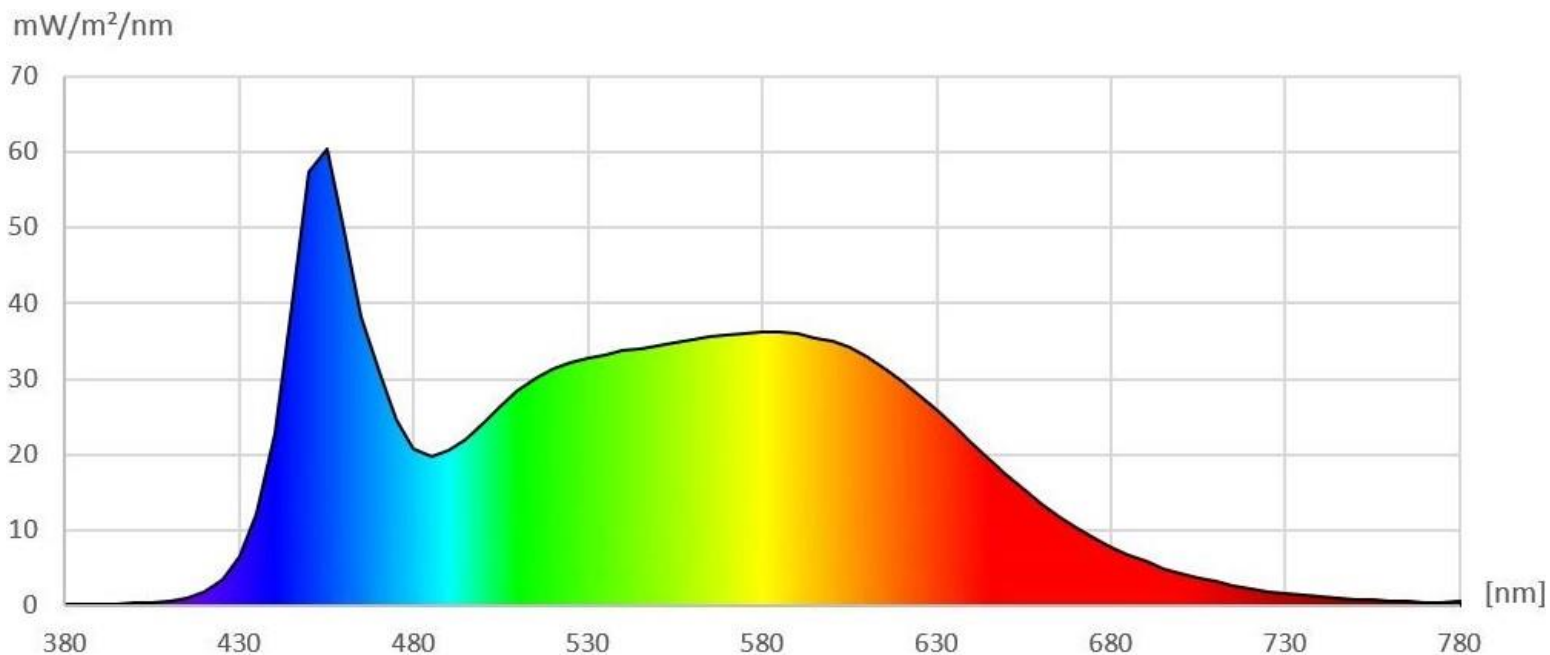
**CIE1931:**



**Optical Characteristics Curve:**



**Wave Length:**



## **The Materials of PCB:**

Epoxy PCB with white finishing.  
Conducting Tracks: Cu, 35um thickness, double sided.

Solderings:  
Solder Alloy: 99.3 Sn, 0.7 Cu,  
Melting Temperature: 227°C  
No SVHC (17-Dec-2014)

## **Certificate of Conformity:**

EC Council Directive 2004/108/EC  
Electromagnetic Compatibility

Complies to the Standards:

- EN 55015: 2006 + A1: 2007 + A2: 2009
- EN 61000-3-2: 2006 + A1: 2009 + A2: 2009
- EN 61000-3-3: 2008
- EN 61547: 2009

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