

## Datasheet

LED strip specification

LED-strip type:  
**LS24WWCOBWLX2700K**

Description:  
**LuxaLight Long Life COB LED Strip 24V Warm White 2700K Waterproof  
(24 Volt, 512 LEDs, COB, IP68)**



Date:  
21-07-2021

Page 1 of 4

| Basic Parameters  |                    |
|-------------------|--------------------|
| LED Type          | COB                |
| Color             | Warm White         |
| CRI               | ≥ 95               |
| Viewing Angle (θ) | 120 ±5°            |
| LED Qty           | 512 LEDs / mtr     |
| IP grade          | IP68 Silicone      |
| Dimensions        | 1000 * 12 * 5mm    |
| Weight            | 120g ~ 150g/ meter |
| Lifespan          | 70,000hours        |
| LB Value          | L90B20             |
| BIN               | 3 SDCM             |
| Warranty          | 5 Years            |

| Environment Parameters |               |
|------------------------|---------------|
| Working Temperature    | -25°C ~ +75°C |
| Storage Temperature    | -20°C ~ +60°C |

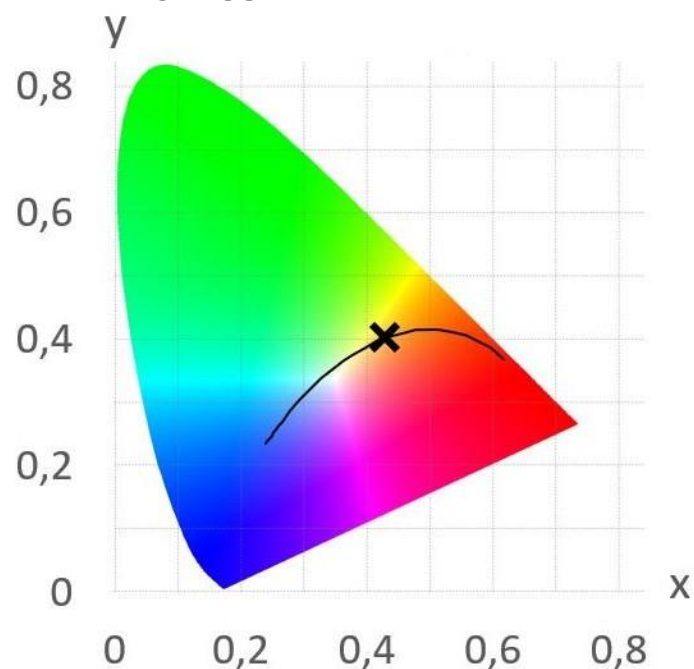
| Electronic Specifications |                  |
|---------------------------|------------------|
| Working Voltage           | DC24V            |
| Working Current           | 0,63 A / mtr     |
| Working Wattage           | 15 W / mtr       |
| Driving Method            | Constant Voltage |

| Wires & connection length |                  |
|---------------------------|------------------|
| Wires                     | UL1007 20# 150mm |
| Length per segment        | 50mm             |
| LEDs / segment            | 24               |
| Standard length on a reel | 10m              |

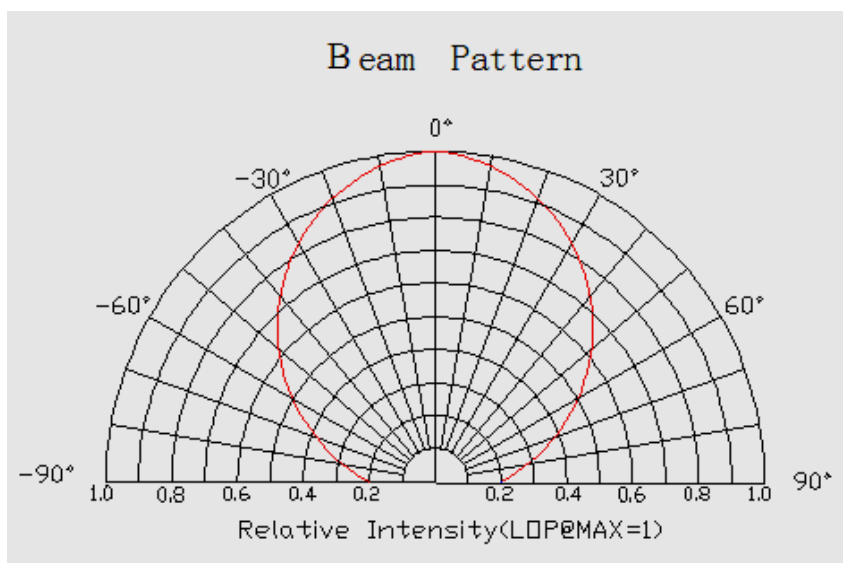
| Luminous Flux (Lumen/Meter) |            |
|-----------------------------|------------|
| Warm White                  | 1320 Lumen |
|                             |            |
|                             |            |

| Wavelength/ Color Temperature | (nm/k) |
|-------------------------------|--------|
| Warm White                    | 2700 K |
|                               |        |
|                               |        |

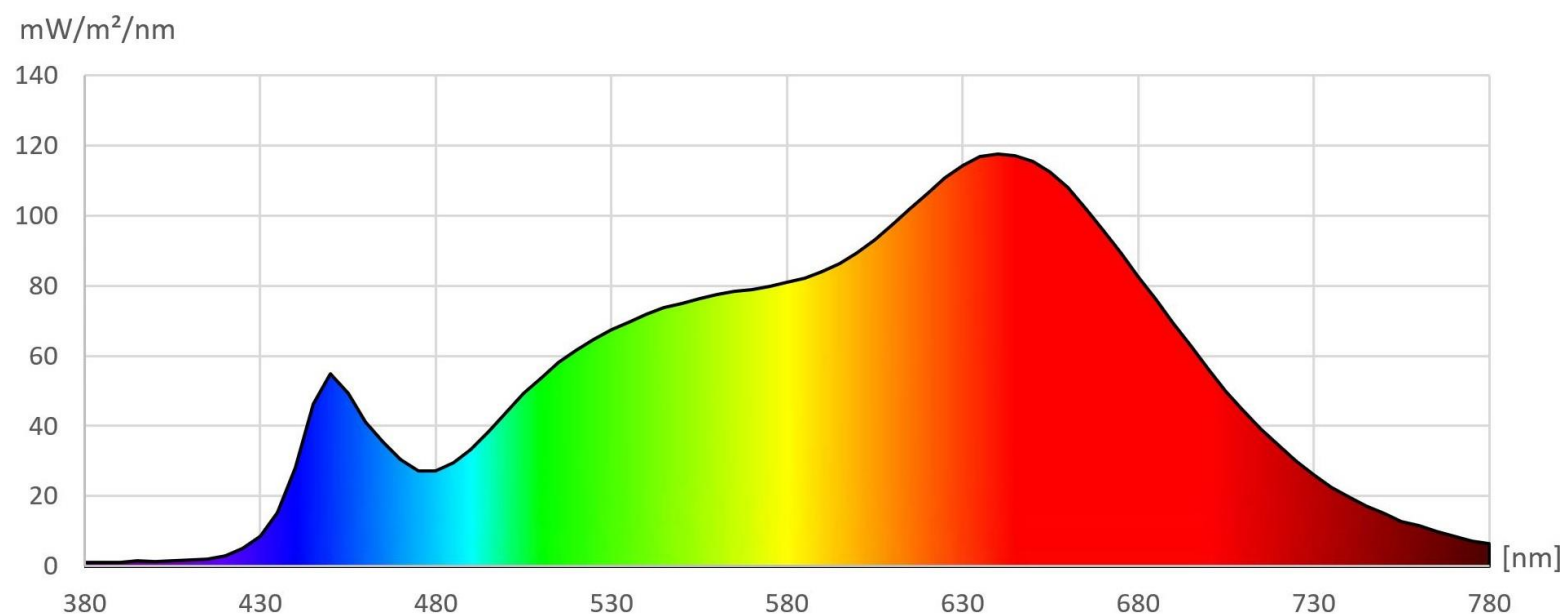
CIE1931:



Optical Characteristics Curve:



Wavelength:



## The Materials of PCB:

Conducting Tracks: Cu, 35um thickness, double sided.

## Solderings:

Solder Alloy: 99.3 Sn, 0.7 Cu,

Melting Temperature: 227°C

No SVHC (Jan 2021)

## Certificate of Conformity:

EC Council Directive 2004/108/EC

Electromagnetic Compatibility

Complies to the Standards:

- EN 55015: 2019 + A1: 2015 + A2: 2009 •
- EN 61000-3-2: 2019 + A1: 2009 + A2: 2009 •
- EN 61000-3-3: 2013
- EN 61547: 2009

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