

## Datasheet

LED-strip specification

LED-strip type:  
**LS30B120X3528ILX**

Description:  
**LuxaLight Long Life LED-strip 30V Blue Indoor 3528**  
**(30 Volt, 120 LEDs, 3528, IP20)**



Date:  
14-12-2021

Page 1 of 4

| Basic Parameters  |                   |
|-------------------|-------------------|
| LED Type          | 3528 SMD          |
| Color             | Blue              |
| Viewing Angle (θ) | 120 ±5°           |
| LED Qty           | 120 LEDs/ mtr     |
| IP grade          | IP20              |
| Dimensions        | 1000 * 8 * 3mm    |
| Weight            | 30g ~ 35g / meter |
| Mounting          | 3M VHB4905        |
| Lifespan          | 50,000hours       |
| LB Value          | L80B50            |
| BIN               | 3 SDCM            |
| Warranty          | 5 Years           |

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

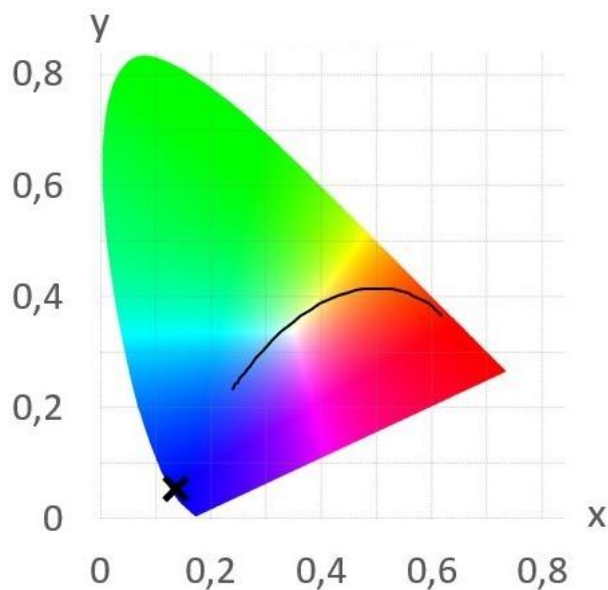
| Electronic Specifications |                  |
|---------------------------|------------------|
| Working Voltage           | DC30V            |
| Working Current           | 0.4A / mtr       |
| Working Wattage           | 12W / mtr        |
| Driving Method            | Constant Voltage |

| Wires & connection length |                  |
|---------------------------|------------------|
| Wires                     | UL1007 20# 150mm |
| Length per segment        | 50mm             |
| LEDs / segment            | 6                |
| Standard length on a reel | 10m              |

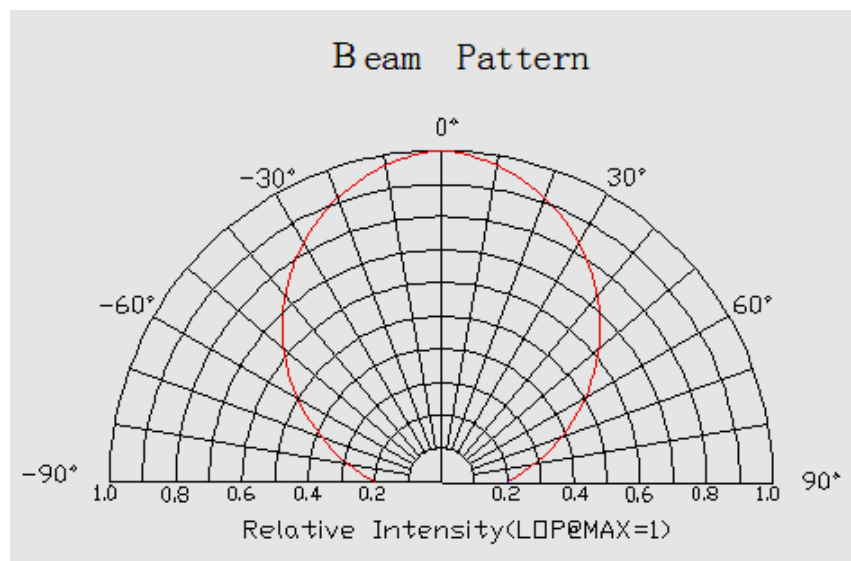
| Luminous Flux (Lumen/Meter) |           |
|-----------------------------|-----------|
| Blue                        | 220 Lumen |
|                             |           |
|                             |           |

| Wavelength/ Color Temperature | (nm/k)     |
|-------------------------------|------------|
| Blue                          | 455~470 nm |
|                               |            |
|                               |            |

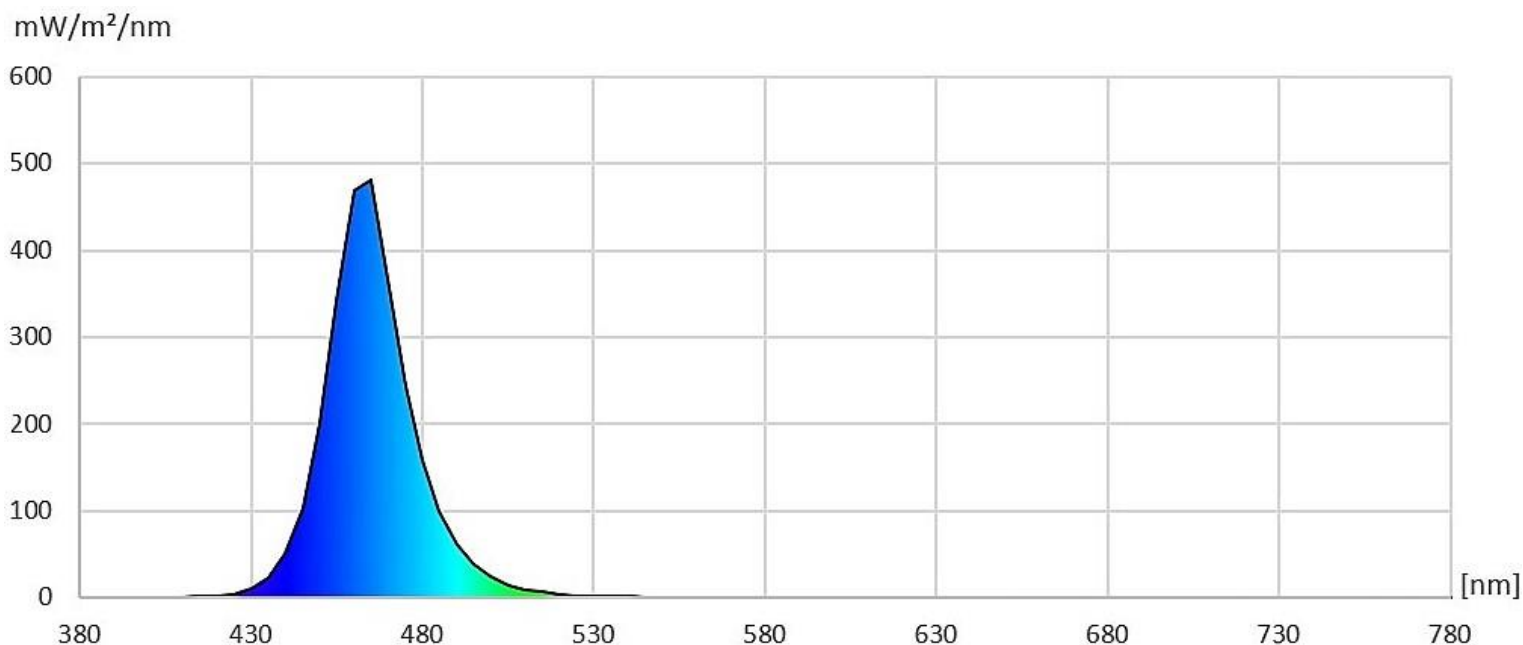
**CIE1931 Blue:**



**Optical Characteristics Curve:**



**Wavelength Blue:**



**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:**

- NEN-EN-IEC 61000-3-2:2019/A1:2021
- NEN-EN-IEC 61000-3-3:2013+A1:2017+A2:2021
- NEN-EN-IEC 61547:2009

While LuxaLight has made every reasonable effort to ensure the accuracy of the information in this brochure, LuxaLight does not guarantee that it is error-free, nor does LuxaLight make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. LuxaLight reserves the right to make any adjustments to the information contained herein at any time without notice. LuxaLight expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this catalogue are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult LuxaLight for the latest dimensions and design specifications.