

## Datasheet

LED Strip Specification

LED strip type:  
**LS24WW120X2835WLX**

Description:  
**LuxaLight LED Strip 24V Warm White Waterproof 2835  
(24 Volt, 120 LEDs, 2835, IP68)**



Date:  
06-10-2017

Page 1 of 4

**Parameters:**

<b>Basic Parameters</b>	
LED Type	2835 SMD
Color	Warm White
CRI	≥ 90 Ra
Viewing Angle (θ)	120 ±5°
LED Qty	120 LEDs / mtr
IP grade	IP68 Silicone
Dimensions	1000 * 12 * 5 mm
Weight	120g ~ 150g / meter
Lifespan	70,000hours
LB Value	L80B50
Warranty	5 Years

<b>Environment Parameters</b>	
Working Temperature	-25°C ~ +70°C
Storage Temperature	-20°C ~ +60°C

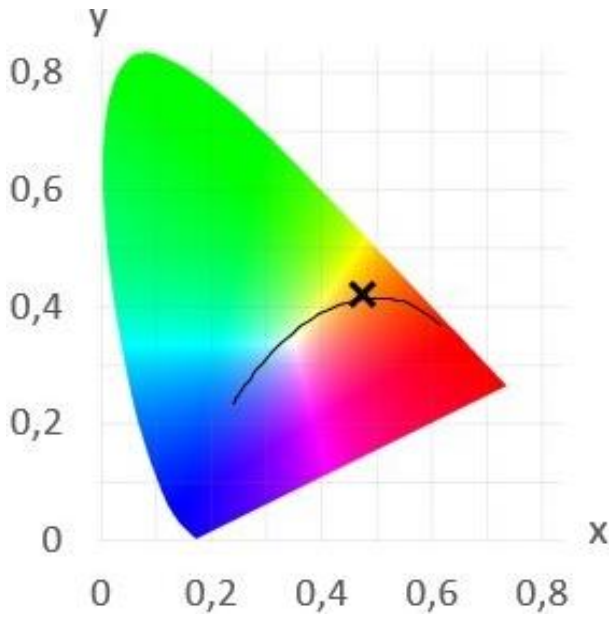
<b>Electronic Specifications</b>	
Working Voltage	DC24V
Working Current	0.8 A / mtr
Working Wattage	19.2 W / mtr
Driving Method	Constant Voltage

<b>Wires &amp; connection length</b>	
Wires	UL1007 20# 150mm
Length per segment	50mm
LEDs / segment	6
Standard length on a reel	10m

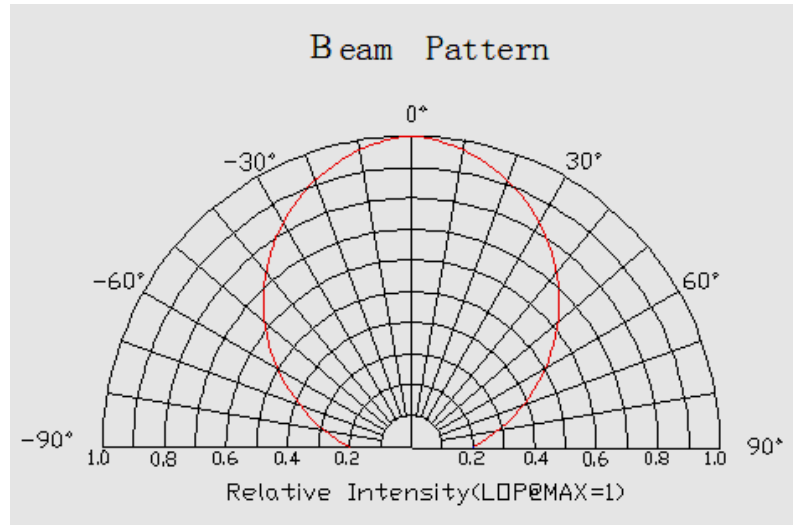
<b>Luminous Flux (Lumen/Meter)</b>	
Warm White	≈ 2400 Lumen

<b>Wave Length/ Color Temperature (nm/k)</b>	
Warm White	2400 ~ 2600 K

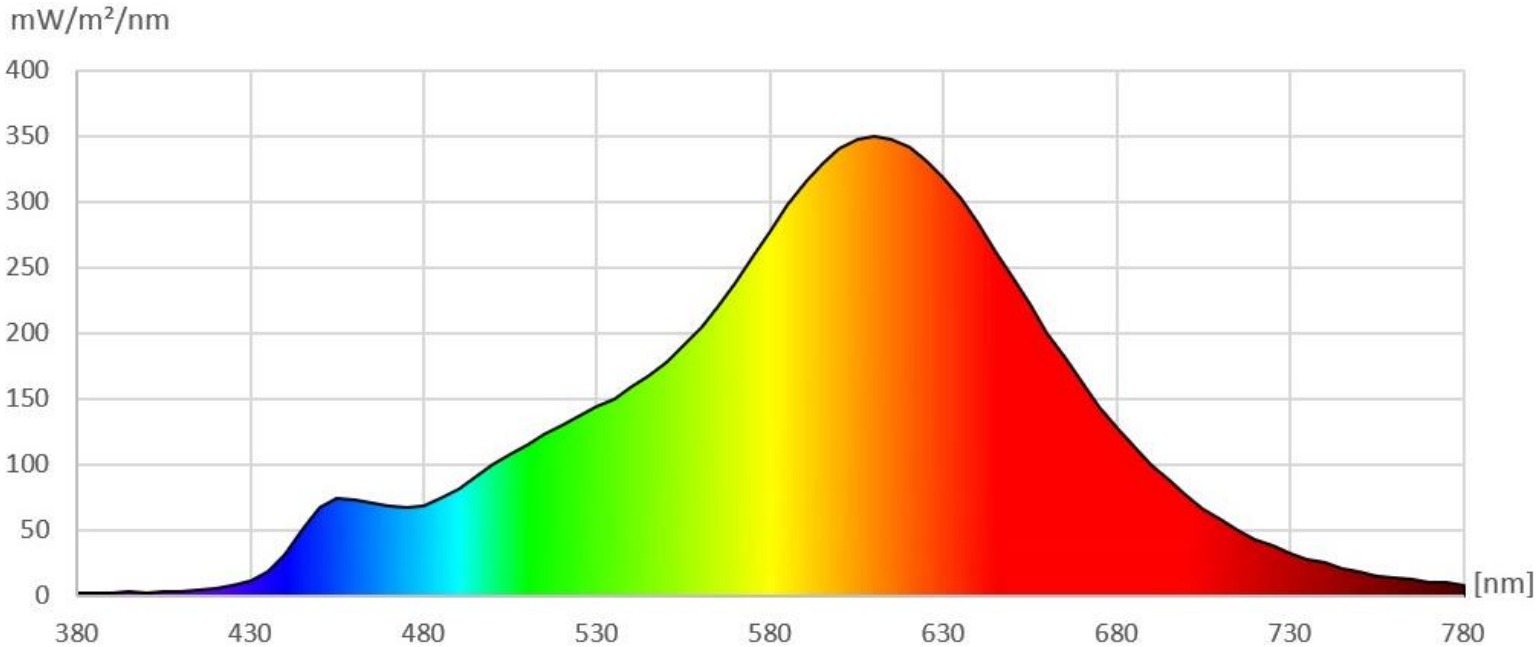
**CIE1931:**



**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

While LuxaLight has made every reasonable effort to ensure the accuracy of the information in this brochure, TE 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 catalog 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.