

Datasheet

LED strip specification

LED strip type:
LS24NW120X2835WLX

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



Date:
21-07-2021

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Parameters:

Basic Parameters	
LED Type	2835 SMD
Color	Neutral 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
BIN	3 SDCM
Warranty	5 Years

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

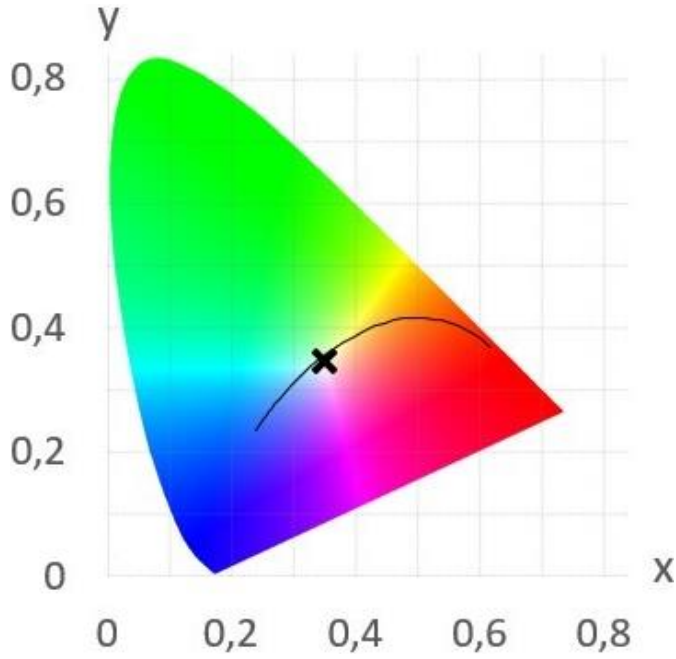
Electronic Specifications	
Working Voltage	DC24V
Working Current	0.8 A / mtr
Working Wattage	19.2 W / mtr
Driving Method	Constant Voltage

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

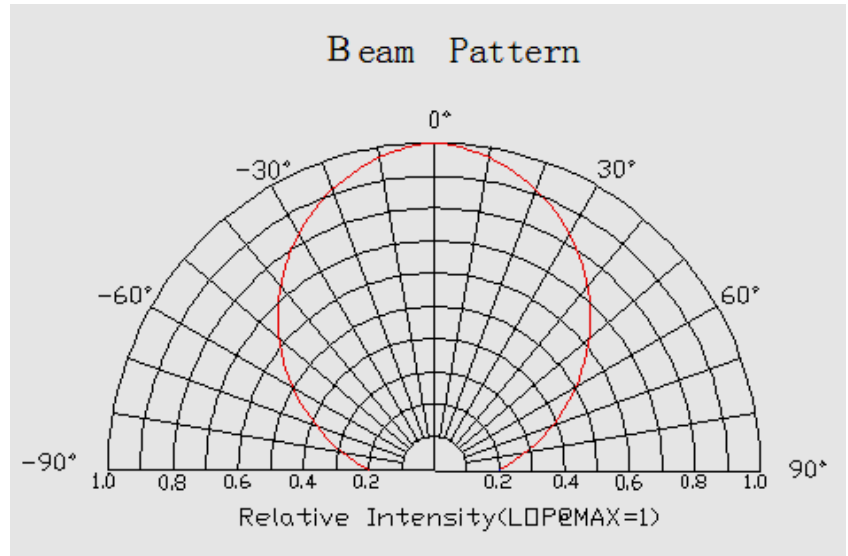
Luminous Flux (Lumen/Meter)	
Neutral White	≈ 2400 Lumen

Wavelength/ Color Temperature (nm/k)	
Neutral White	4600 ~ 4800 K

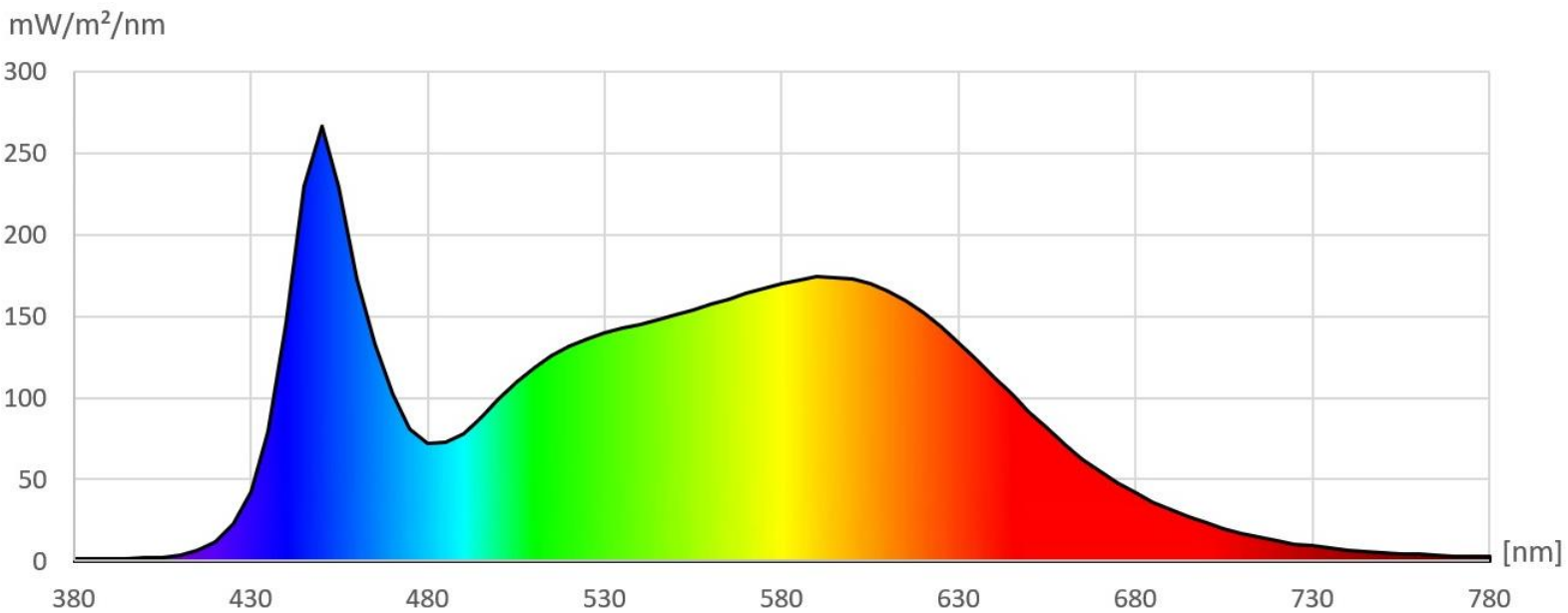
CIE1931:



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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