

Datasheet

LED-strip specification

LED-strip type:
LS30R120X3528PLX

Description:
LuxaLight Long Life LED Strip 30V Red Protected 3528
(30 Volt, 120 LEDs, 3528, IP64)



Date:
14-12-2021

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Basic Parameters	
LED Type	3528 SMD
Color	Red
Viewing Angle (θ)	120 ±5°
LED Qty	120 LEDs / mtr
IP grade	IP64
Dimensions Reel	1000 * 8 * 4mm
Weight	30g ~ 35g / meter
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

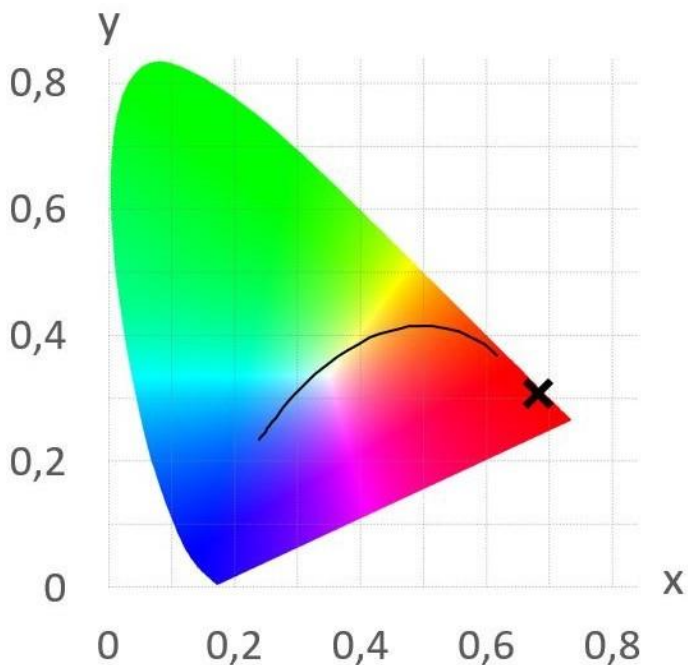
Electronic Specifications	
Working Voltage	DC30V
Working Current	0.4A / mtr
Working Wattage	12W / mtr
Driving Method	Constant Voltage

Wires & connection length	
Wires	UL1007 20# 150mm
Length per segment	100mm
LEDs / segment	12
Standard length on a reel	10m

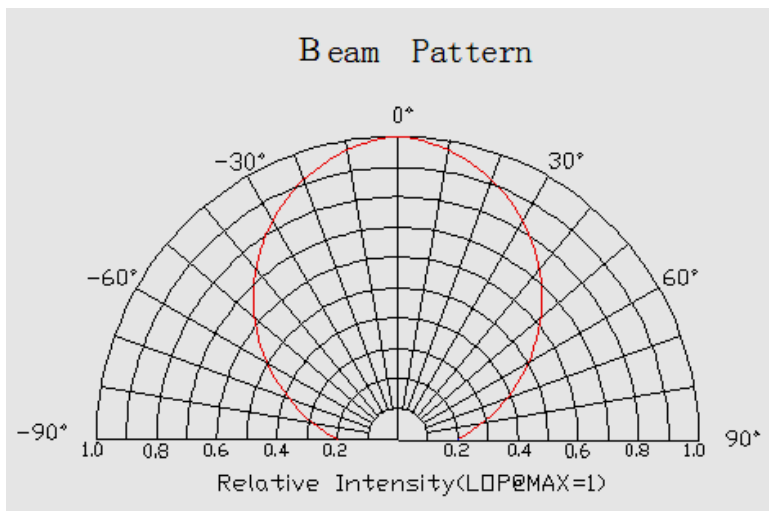
Luminous Flux (Lumen/Meter)	
Red	300 Lumen

Wavelength/ Color Temperature (nm/k)	
Red	620~630 nm

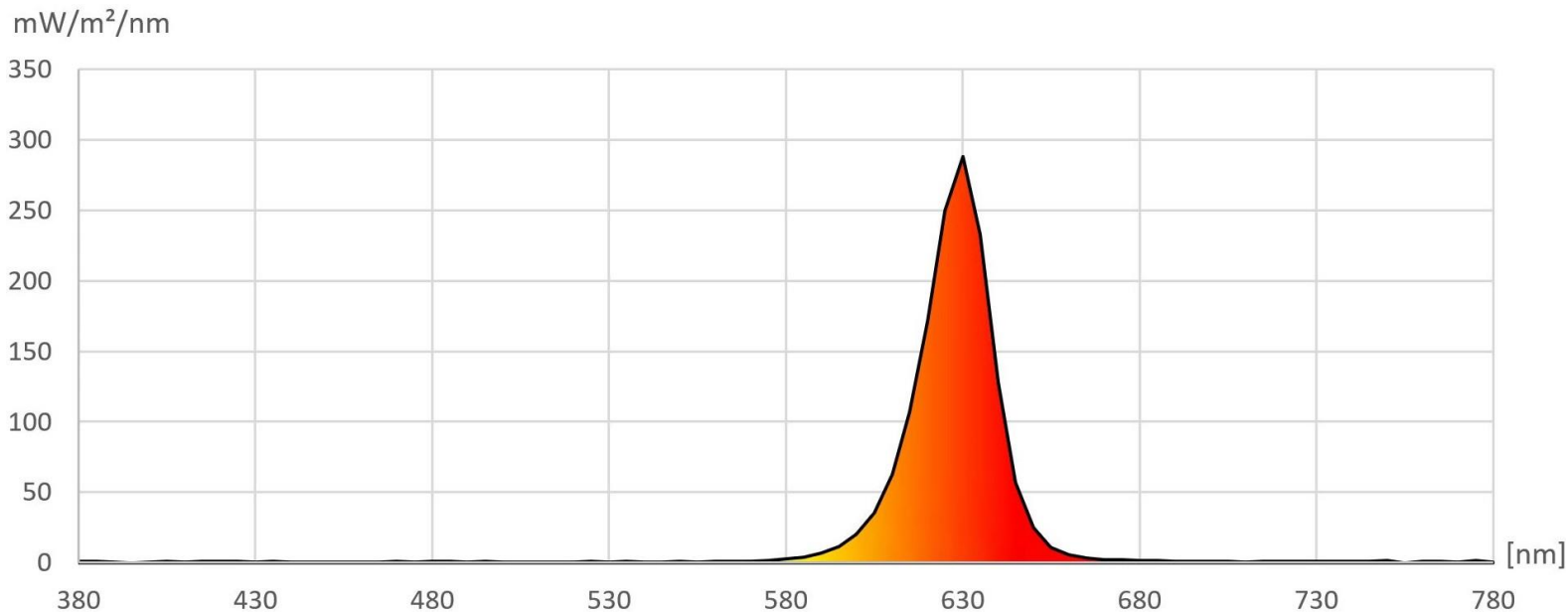
CIE1931:



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:

- 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

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