

Datasheet

LED strip specification

LED strip type:
LS12R60X3528ILX

Description:
LuxaLight Long Life LED-strip 12V Red Indoor 3528
(12 Volt, 60 LEDs, 3528, IP20)



Date:
21-07-2021

Page 1 of 4

Parameters:

Basic Parameters	
LED Type	3528 SMD
Color	Red
Viewing Angle (θ)	120 ±5°
LED Qty	60 LEDs / mtr
IP grade	IP20
Dimensions	1000 * 8 * 3mm
Weight	20g ~ 25g / 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

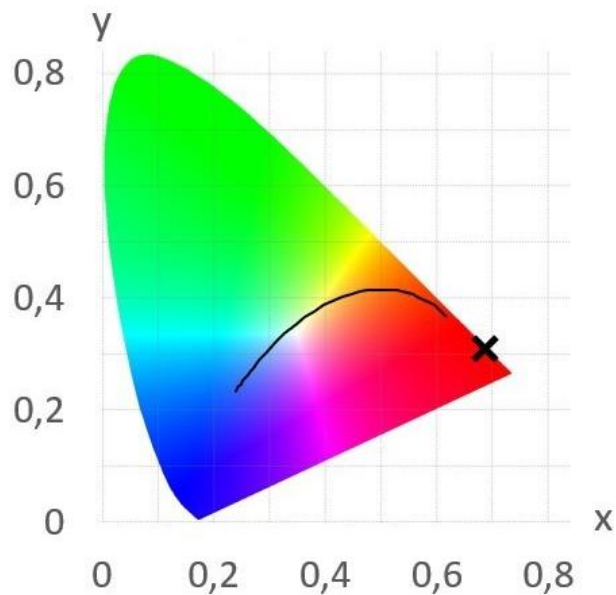
Electronic Specifications	
Working Voltage	DC12V
Working Current	0.4A / mtr
Working Wattage	4.8W / mtr
Driving Method	Constant Voltage

Wires & connection length	
Wires	UL1007 20# 150mm
Length per segment	50mm
LEDs / segment	3
Standard length on a reel	10m

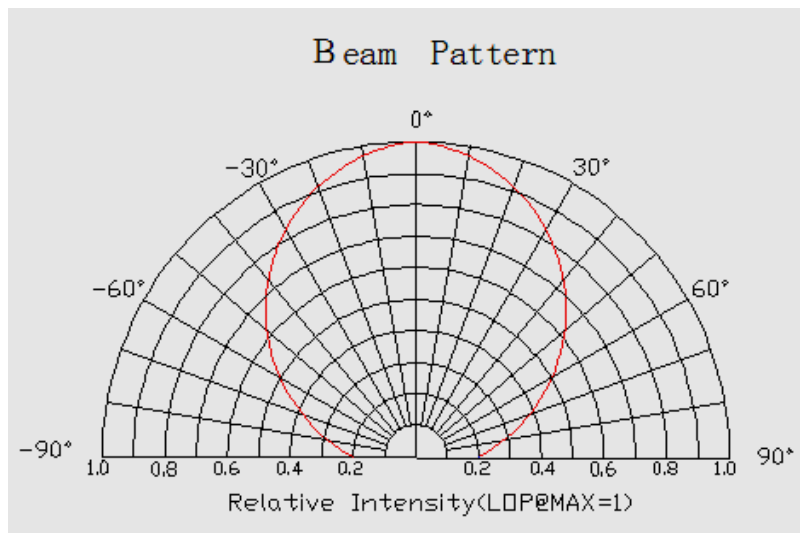
Luminous Flux (Lumen/Meter)	
Red	150 Lumen

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

CIE1931:

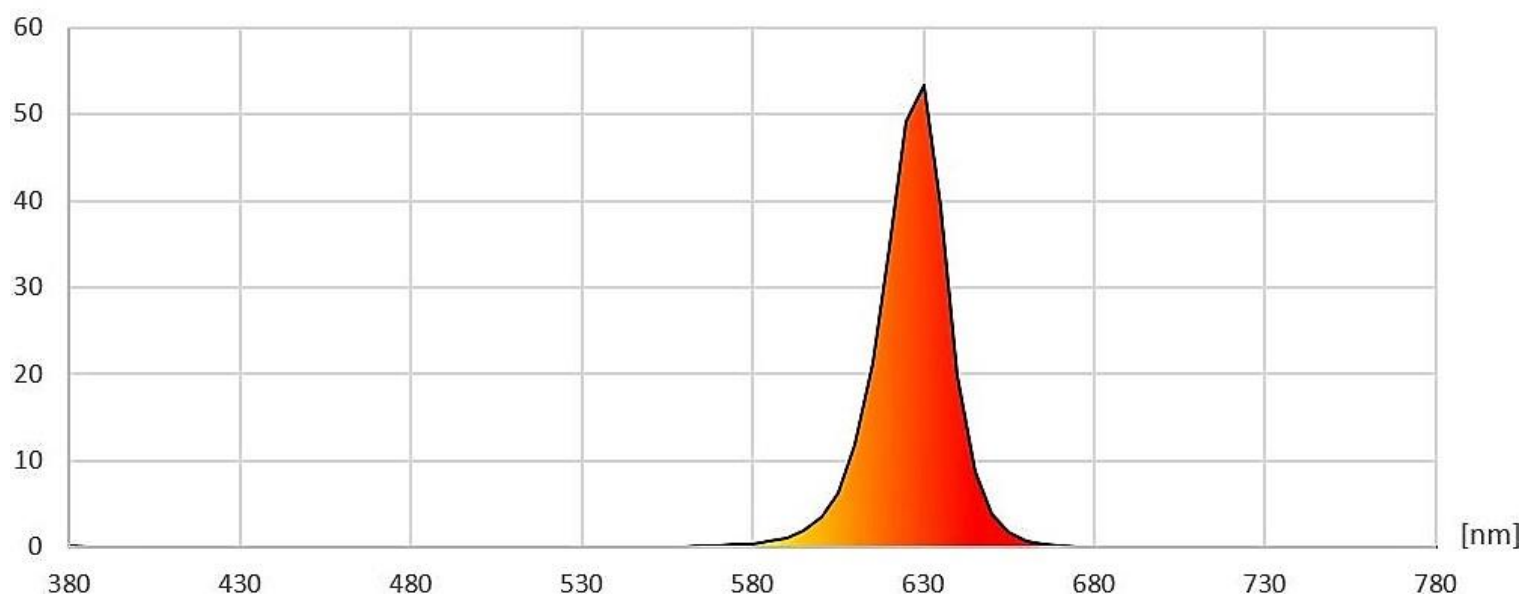


Optical Characteristics Curve:



Wavelength:

mW/m²/nm



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

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 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.