

Datasheet

LED Strip Specification

LED strip type:
LS12W60X3528PLX

Description:
LuxaLight LED Strip 12V White Protected 3528
(12 Volt, 60 LEDs, 3528, IP64)



Date:
11-7-2015

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Parameters:

Basic Parameters	
LED Type	3528 SMD
Color	White
CRI	≥ 80 Ra
Viewing Angle (θ)	120 ±5°
LED Qty	60 LEDs / mtr
IP grade	IP64 Silicone
Dimensions	1000 * 8 * 4mm
Weight	40g ~ 50g / meter
Lifespan	50,000hours
LB Value	L80B50
Warranty	5 Years

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

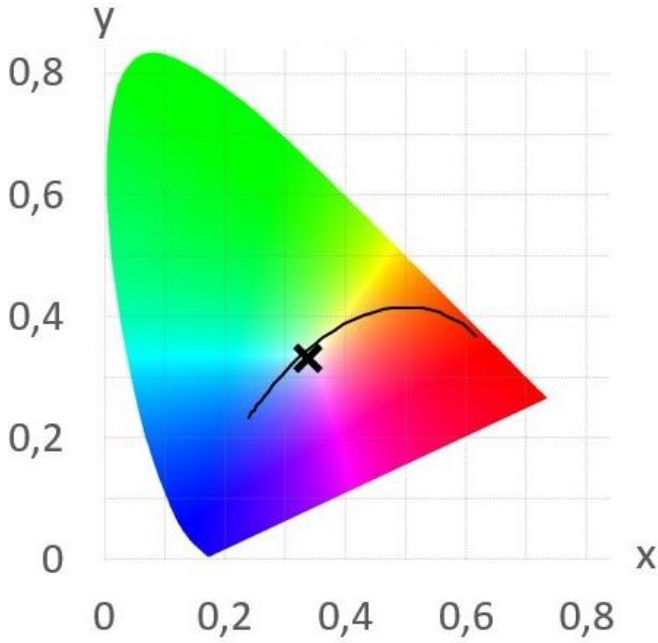
Electronic Specifications	
Working Voltage	DC12V
Working Current	0.4A / mtr
Working Wattage	4.8W / mtr
Driving Method	Constant Voltage

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

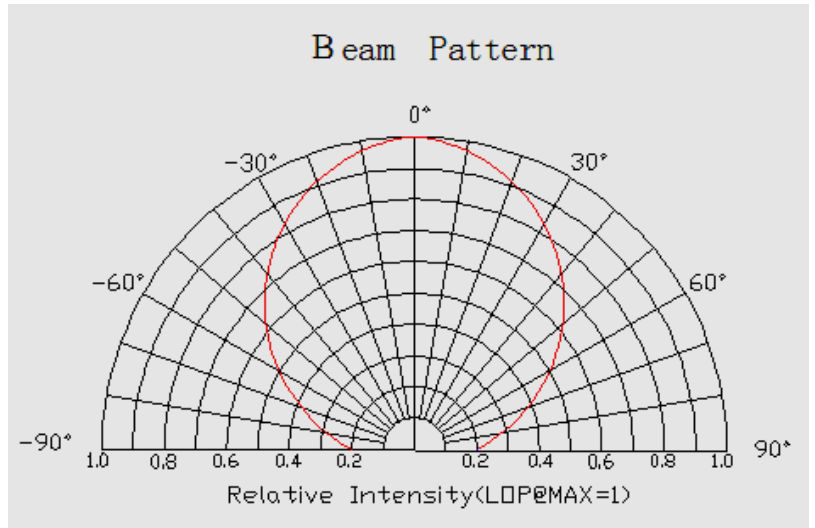
Luminous Flux (Lumen/Meter)	
White	500 Lumen

Wave Length/ Color Temperature (nm/k)	
White	5100 ~ 5300 K

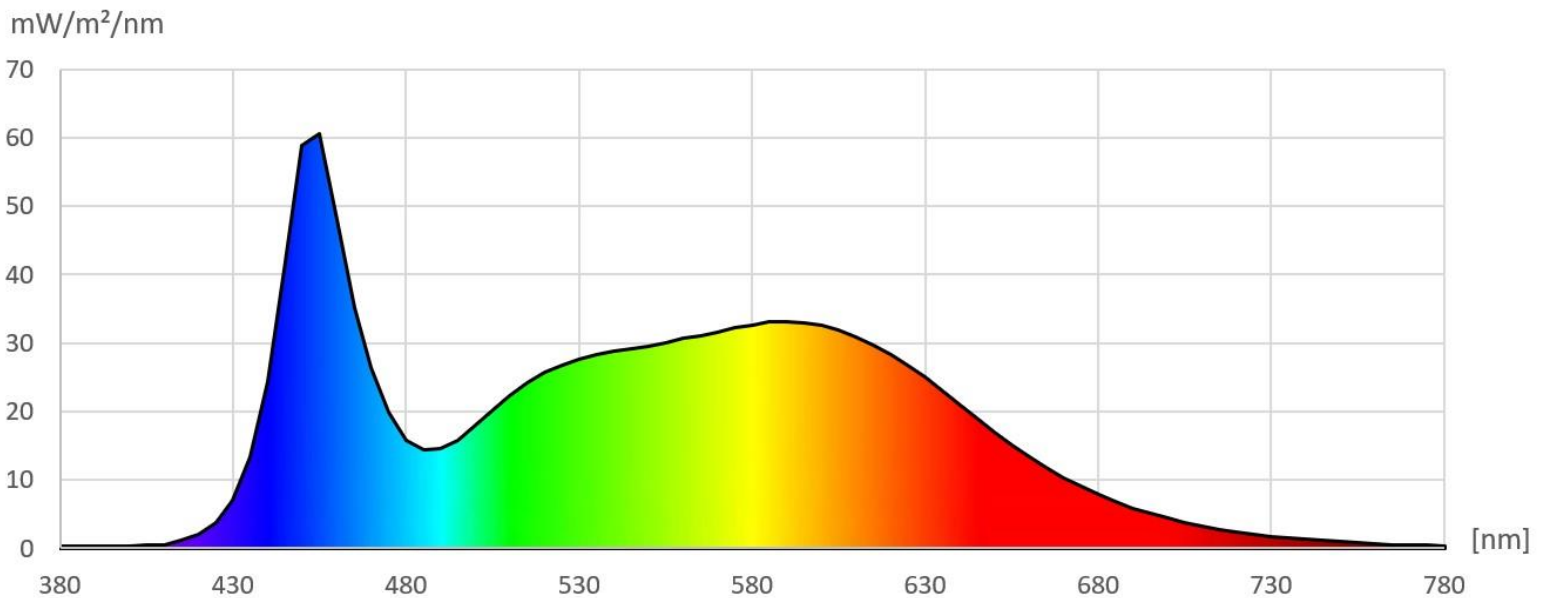
CIE1931:



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

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