

Datasheet

LED-strip specification

LED-strip type:
LS30R120X3528PLX

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

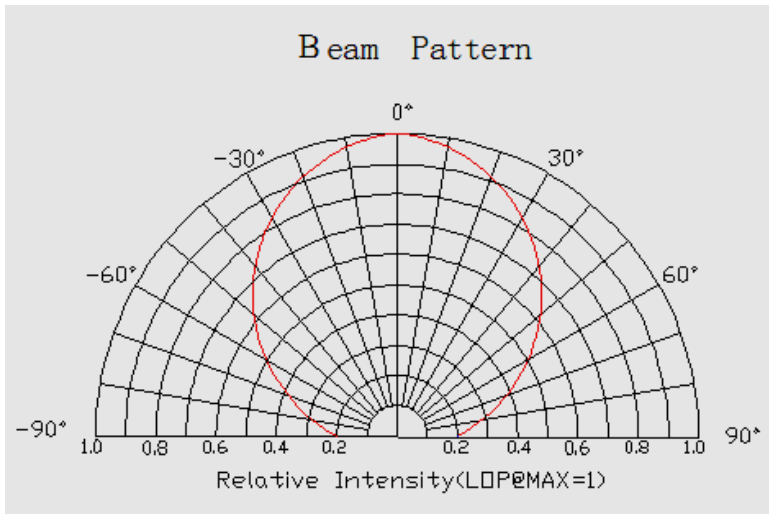


Date:
07-06-2023

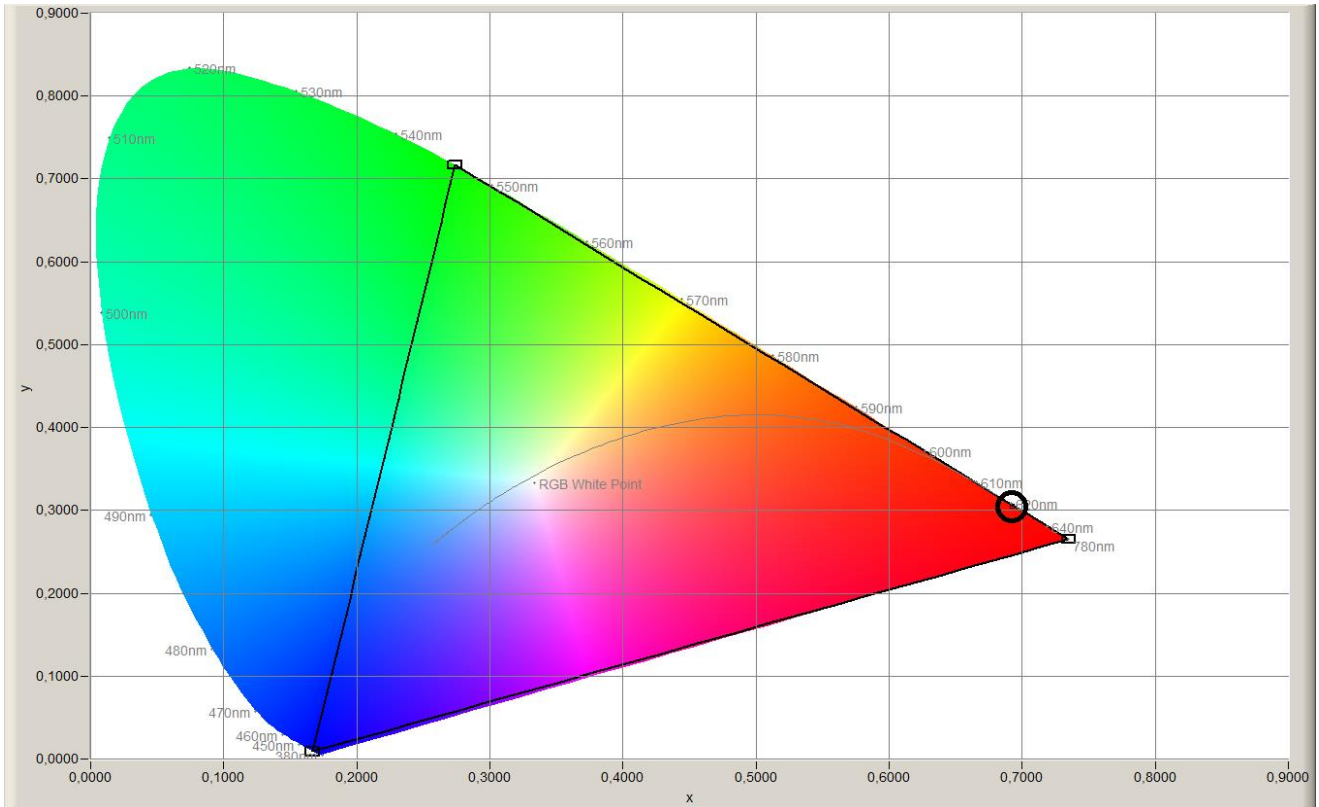
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Technical Specifications		
LS30R120X3528PLX		
General	LED Type	3528 SMD
	LED Quantity	120 LEDs/m
	Dimensions	10000 * 8 * 4 (L x B x H)
	Segment length	100mm
	LEDs per segment	12 LEDs
	Weight	35 ~ 50g / meter
	Mounting	3M tape VHB4905
Environment	Working Temperature	-20°C ~ +70°C
	Storing Temperature	-20°C ~ +70°C
	IP Grade	IP64
	Mechanical Protection	Silicone Coating
	Lifetime	50.000 Hours
	Warranty	5 Years
Electronic	Working Voltage	DC30V
	Working Current	0,4 A / Engine
	Working Wattage	12W / Engine
	Driving Method	Constant Voltage
Lighting	Engine Wavelength (nm)	630nm Red
	Peak Measured Wavelength (5cm)	632nm
	Luminous Flux / meter	300 Lumen
	LB-value	L80B50
	BIN	3 SDCM
	Viewing Angle (θ)	120 ±5°

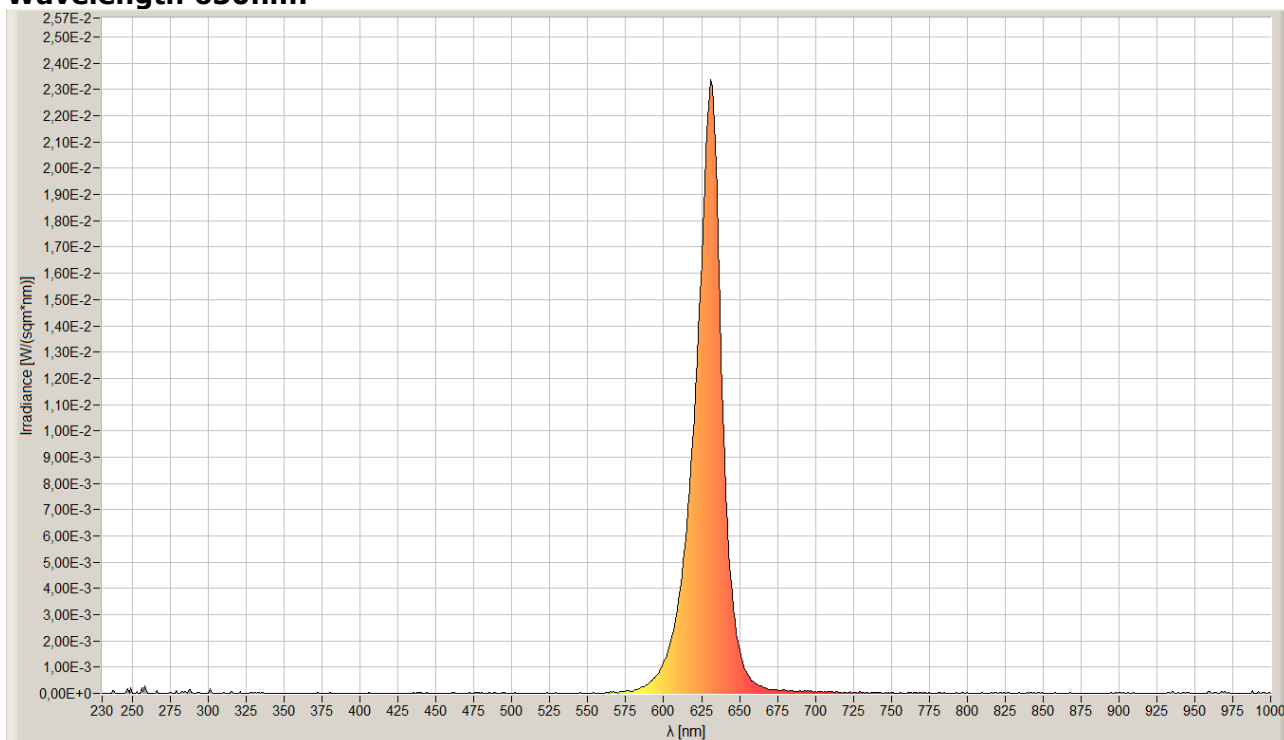
Optical Characteristics Curve:



CIE1931 630nm:



Wavelength 630nm:



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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