

Datasheet

LED Strip Specification

LED strip type:
LS24NW60X5630WLX

Description:
**LuxaLight LED Strip 24V Neutral White Waterproof 5630
(24 Volt, 60 LEDs, 5630, IP68)**



Date:
11-7-2015

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Parameters:

Basic Parameters	
LED Type	5630 SMD
Color	Neutral White
CRI	≥ 80 Ra
Viewing Angle (θ)	120 ±5°
LED Qty	60 LEDs / mtr
IP grade	IP68 Silicone
Dimensions	1000 * 12.5 * 5.5mm
Weight	60g ~ 75g / meter
Lifespan	50,000 hours
LB Value	L80B50
Warranty	5 Years

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

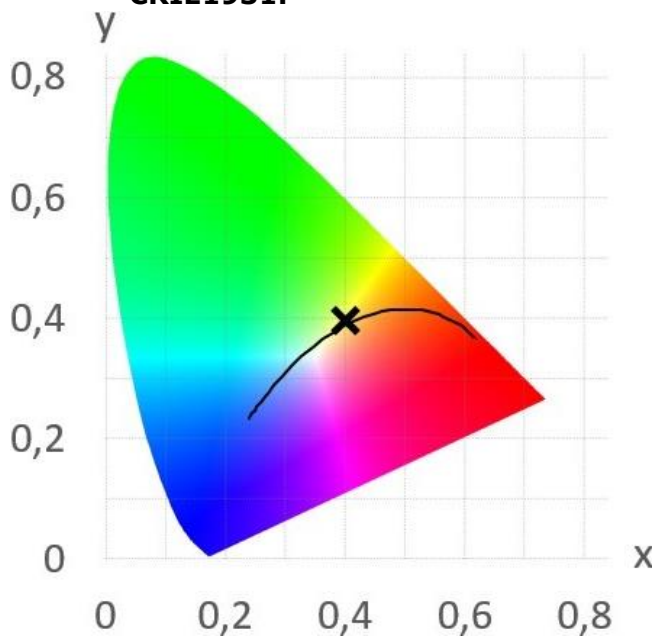
Electronic Specifications	
Working Voltage	DC24V
Working Current	0.6A / mtr
Working Wattage	14.4W / mtr
Driving Method	Constant Voltage

Wires & connection length	
Wires	UL1007 20# 150mm
Length per segment	100mm
LEDs / segment	6
Standard length on a reel	10m

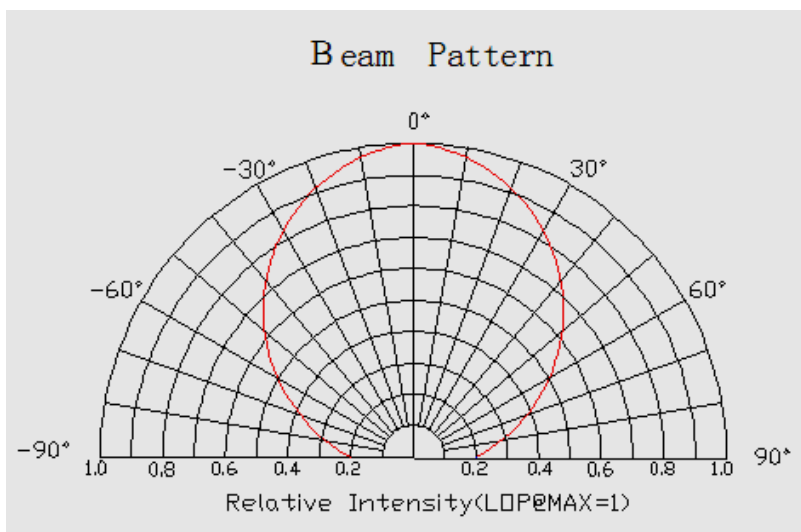
Luminous Flux (Lumen/Meter)	
Neutral White	1750 Lumen

Wave Length/ Color Temperature (nm/k)	
Neutral White	3500 ~ 3700 K

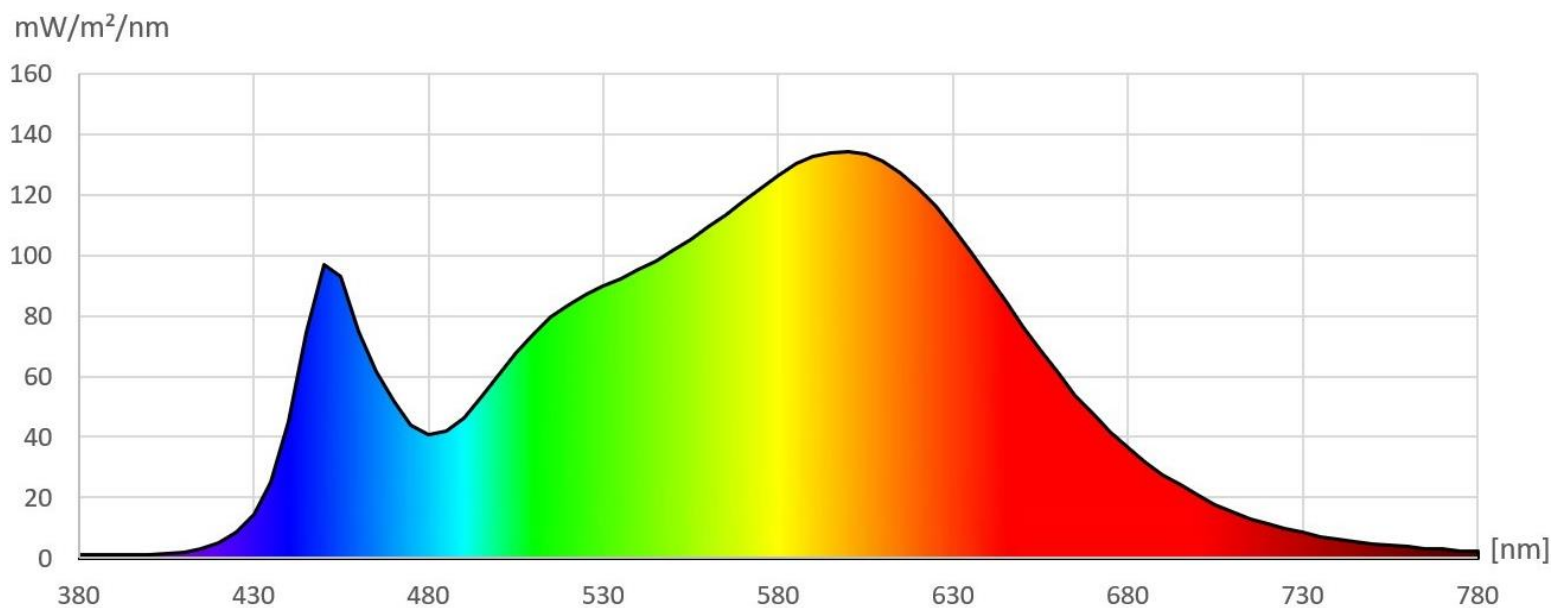
CRIE1931:



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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