

Datasheet

LED Strip Specification

LED strip type:
LS24GROW60X5730PLL

Description:
LuxaLight LED Strip 24V Grow Protected 5730
(24 Volt, 60 LEDs, 5730, IP64)



Date:
18-8-2017

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Parameters:

Basic Parameters	
LED Type	5730 SMD
Color	Red / Blue
Viewing Angle (θ)	120 ±5°
LED Qty	60 LEDs / mtr
IP grade	IP64 Silicone
Dimensions	1000 * 10 * 4mm
Weight	35g ~ 40g / meter
Lifespan	70,000hours
LB Value	L80B10

Environment Parameters	
Working Temperature	-20°C ~ +50°C
Storage Temperature	-20°C ~ +60°C

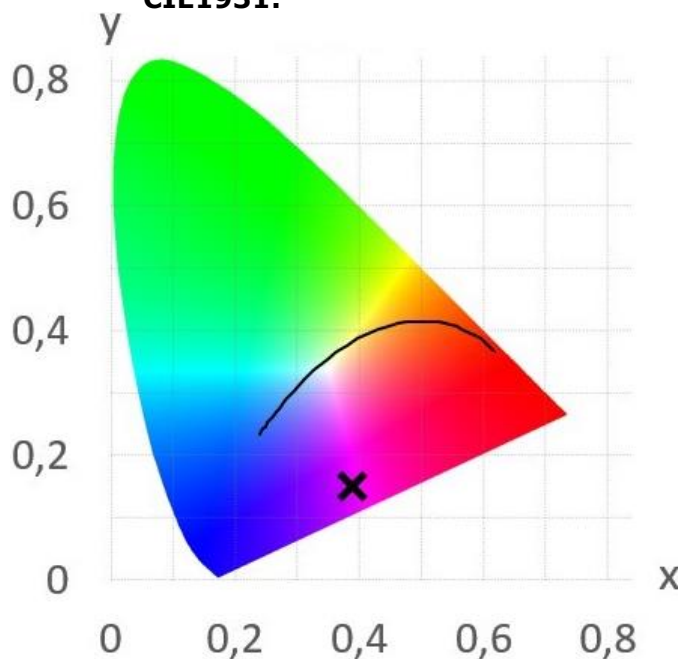
Electronic Specifications	
Working Voltage	DC24V
Working Current	0.4A / mtr
Working Wattage	9W / mtr
Driving Method	Constant Voltage

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

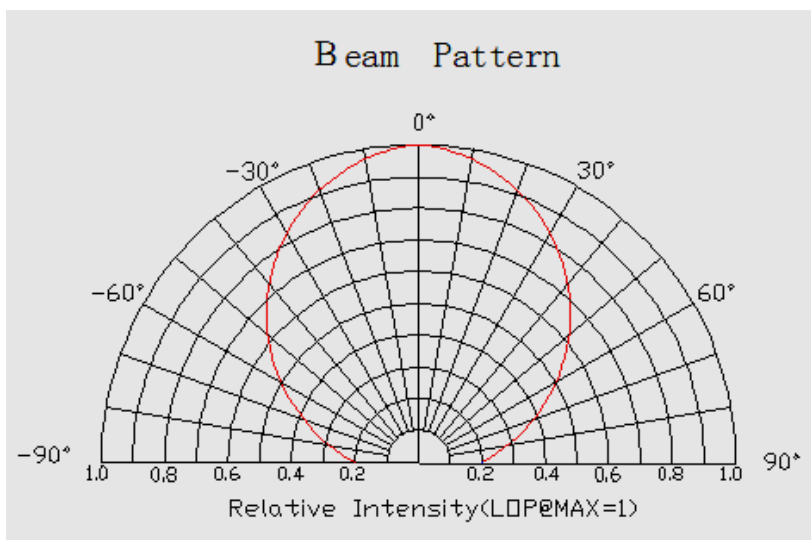
Luminous Flux (Lumen/Meter)	
Red	2400 ~ 2900 mcd
Blue	2100 ~ 2800 mcd

Wave Length/ Color Temperature (nm/k)	
Red	620~630 nm
Blue	455~470 nm

CIE1931:

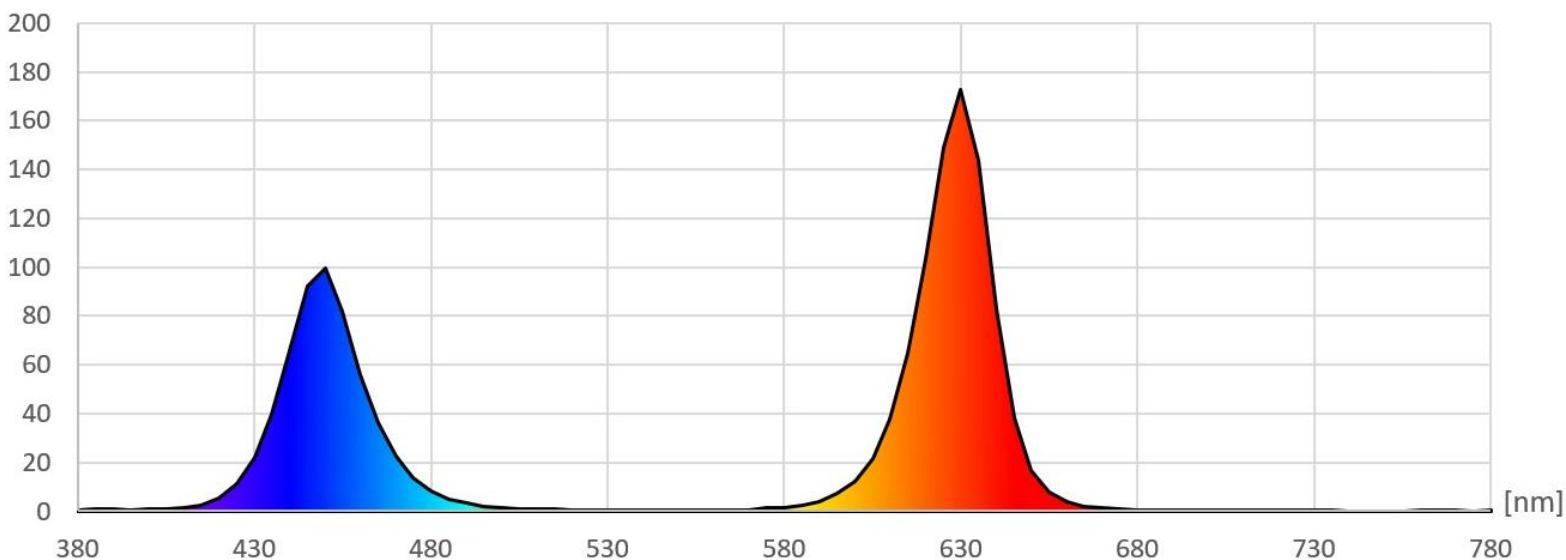


Optical Characteristics Curve:



Wave Length:

mW/m²/nm



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
Registration No.: ATE20120944

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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