

Datasheet

LED Strip Specification

LED strip type:
LS24WWCOBPLX2700K

Description:
**LuxaLight COB LED Strip 24V Warm White 2700K Protected
(24 Volt, 480 LEDs, COB, IP64)**



Date:
06-10-2017

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Parameters:

Basic Parameters	
LED Type	COB
Color	Warm White
CRI	≥ 95
Viewing Angle (θ)	120 ±5°
LED Qty	480 LEDs / mtr
IP grade	IP64 Silicone
Dimensions	1000 * 10 * 4mm
Weight	60g ~ 70g / meter
Lifespan	70,000hours
LB Value	L90B20
Warranty	5 Years

Environment Parameters	
Working Temperature	-25°C ~ +75°C
Storage Temperature	-20°C ~ +60°C

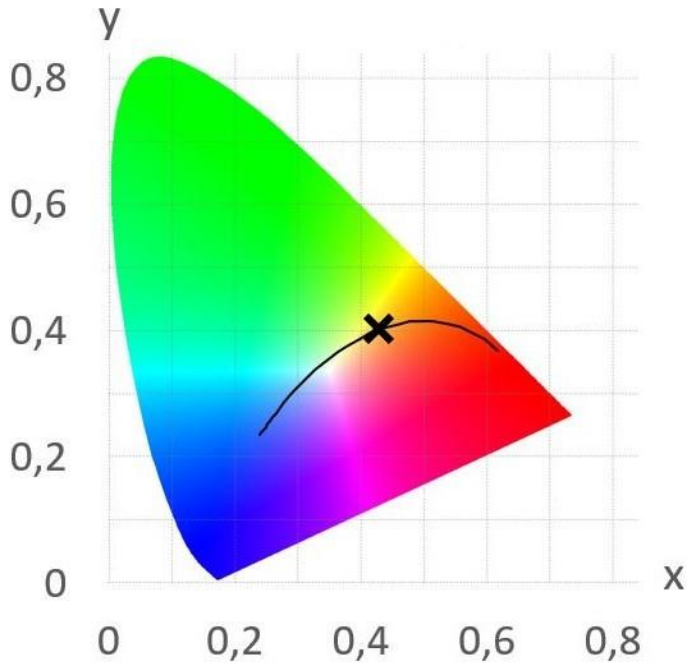
Electronic Specifications	
Working Voltage	DC24V
Working Current	0,66 A / mtr
Working Wattage	16 W / mtr
Driving Method	Constant Voltage

Wires & connection length	
Wires	UL1007 20# 150mm
Length per segment	50mm
LEDs / segment	24
Standard length on a reel	10m

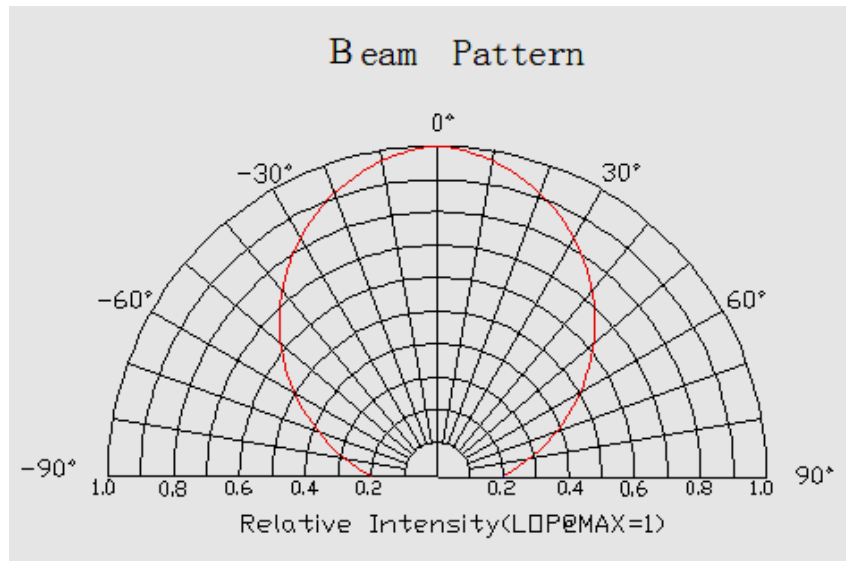
Luminous Flux (Lumen/Meter)	
Warm White	1280 Lumen

Wave Length/ Color Temperature (nm/k)	
Warm White	2700 K

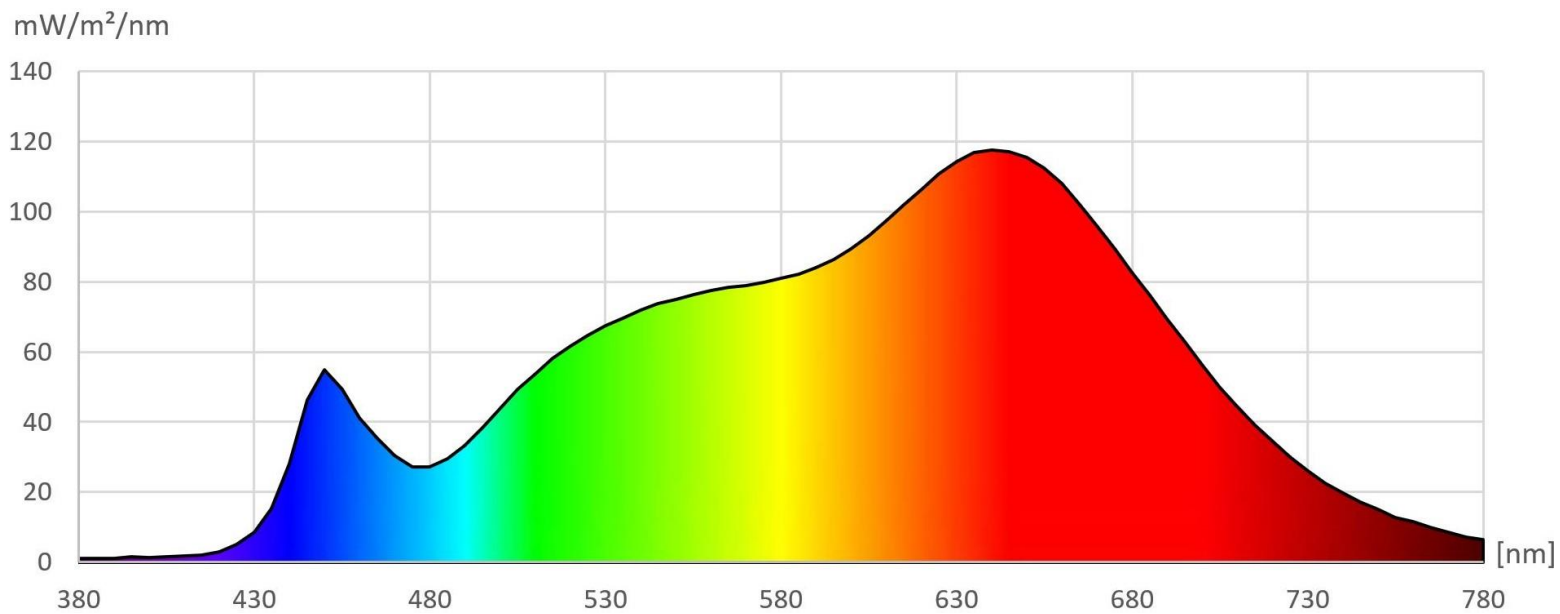
CIE1931:



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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