

Datasheet

LED-strip specification

LED-strip type:
LS24WWCOBWLX2700K

Description:
**LuxaLight Long Life COB LED-strip 24V Warm White 2700K Waterproof
(24 Volt, 512 LEDs, COB, IP68)**



Date:
21-07-2021

Page 1 of 4

Basic Parameters	
LED Type	COB
Color	Warm White
CRI	≥ 95
Viewing Angle (θ)	120 ±5°
LED Qty	512 LEDs/ mtr
IP grade	IP68 Silicone
Dimensions	1000 * 12 * 5mm
Weight	70g ~ 95g/ meter
Mounting	3M VHB4905
Lifespan	70,000hours
LB Value	L90B20
BIN	3 SDCM
Warranty	5 Years

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

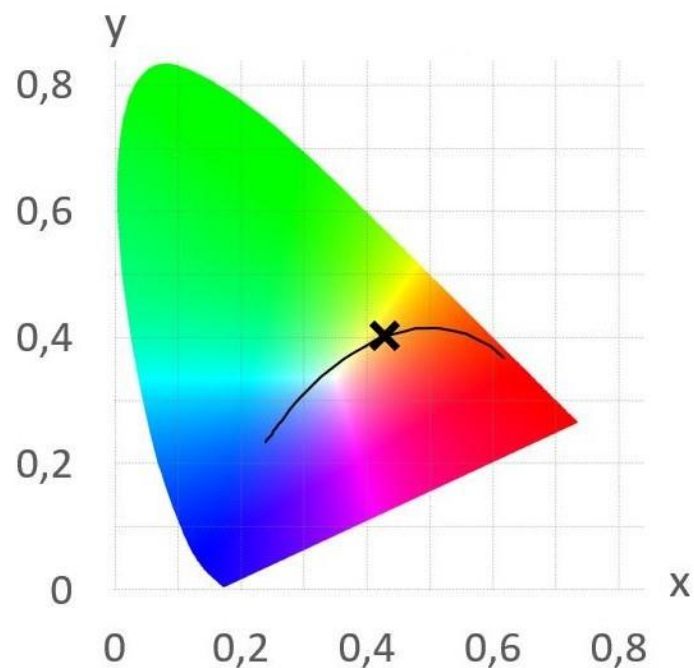
Electronic Specifications	
Working Voltage	DC24V
Working Current	0,63 A/ mtr
Working Wattage	15 W/ mtr
Driving Method	Constant Voltage

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

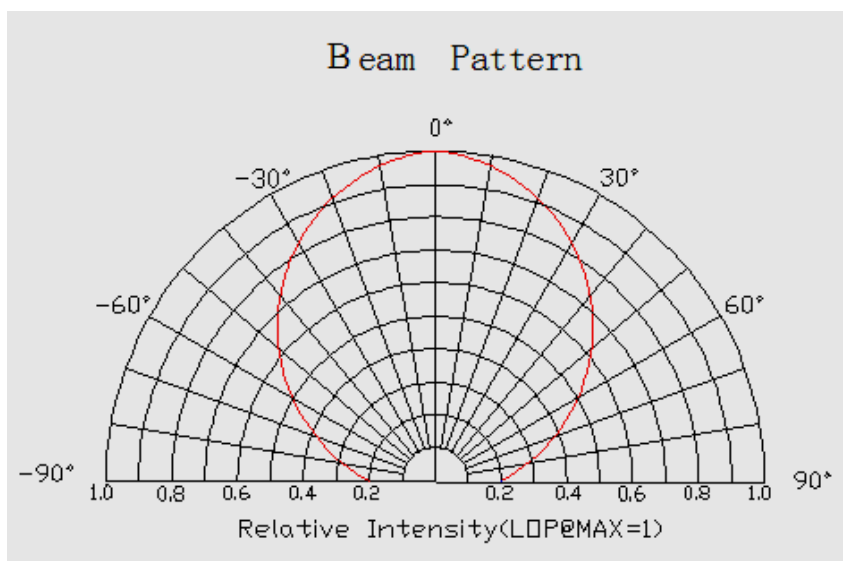
Luminous Flux (Lumen/Meter)	
Warm White	1320 Lumen

Wavelength/ Color Temperature	(nm/k)
Warm White	2700 K

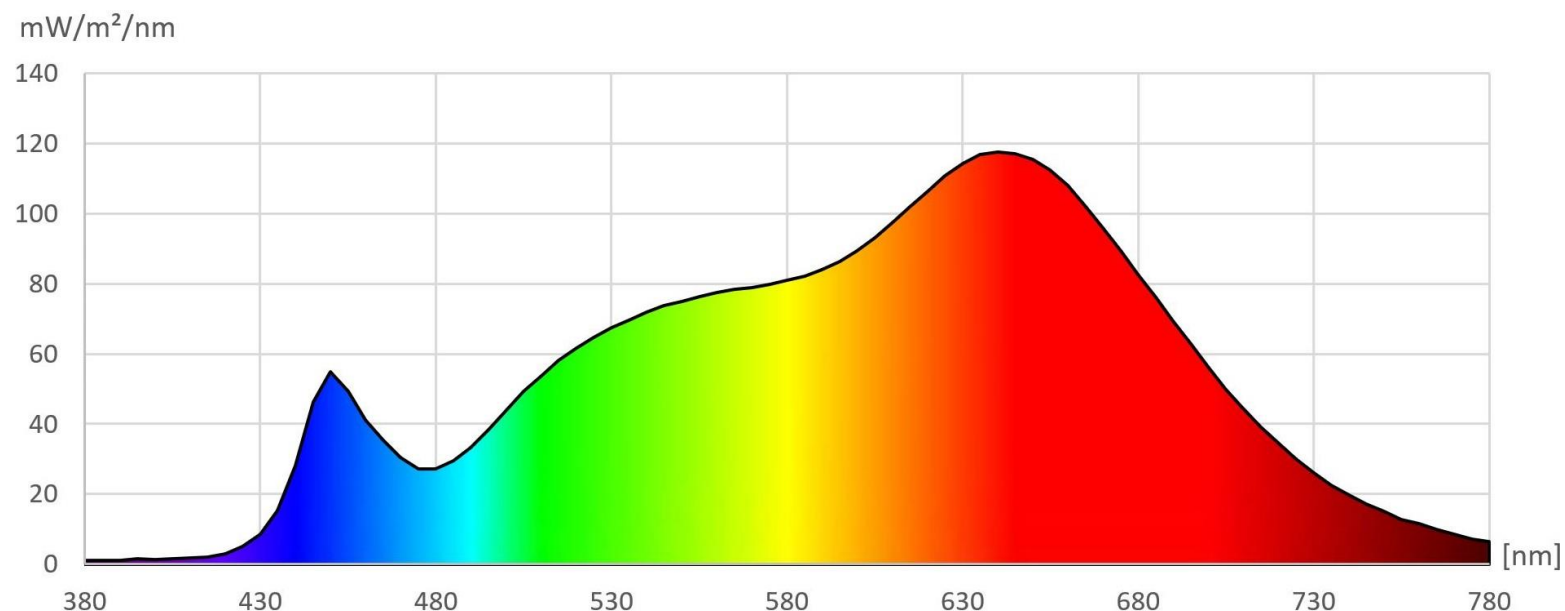
CIE1931 Warm White:



Optical Characteristics Curve:



Wavelength Warm White:



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:

- EN 55015: 2019 + A1: 2015 + A2: 2009
- EN 61000-3-2: 2019 + A1: 2009 + A2: 2009
- EN 61000-3-3: 2013
- EN 61547: 2009

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