

## Datasheet

LED Strip Specification

LED strip type:

**LS24WWCOBX0603PLX2700K**

Description:

**LuxaLight COB LED Strip 24V Warm White 2700K Protected 0603  
(24 Volt, 480 LEDs, 0603, IP64)**



Date:  
06-10-2017

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**Parameters:**

<b>Basic Parameters</b>	
LED Type	0603 SMD
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

<b>Environment Parameters</b>	
Working Temperature	-25°C ~ +75°C
Storage Temperature	-20°C ~ +60°C

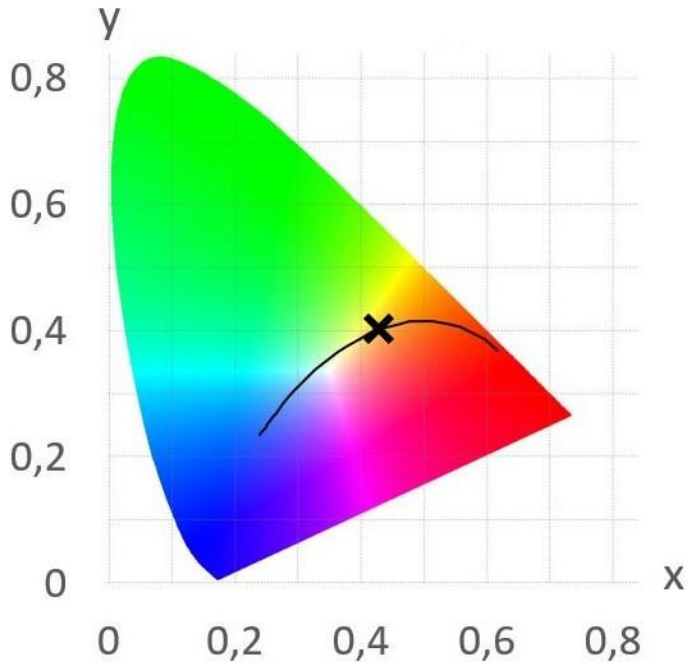
<b>Electronic Specifications</b>	
Working Voltage	DC24V
Working Current	0,66 A / mtr
Working Wattage	16 W / mtr
Driving Method	Constant Voltage

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

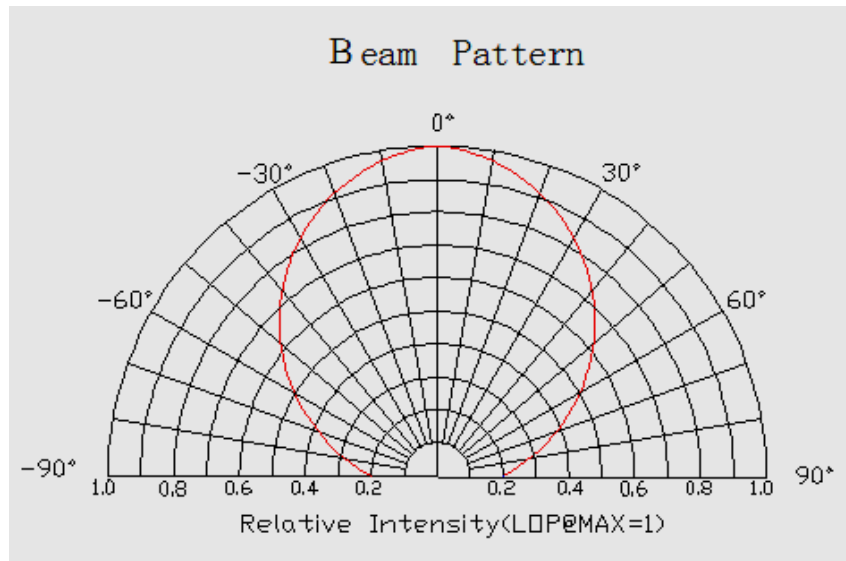
<b>Luminous Flux (Lumen/Meter)</b>	
Warm White	1984 Lumen

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

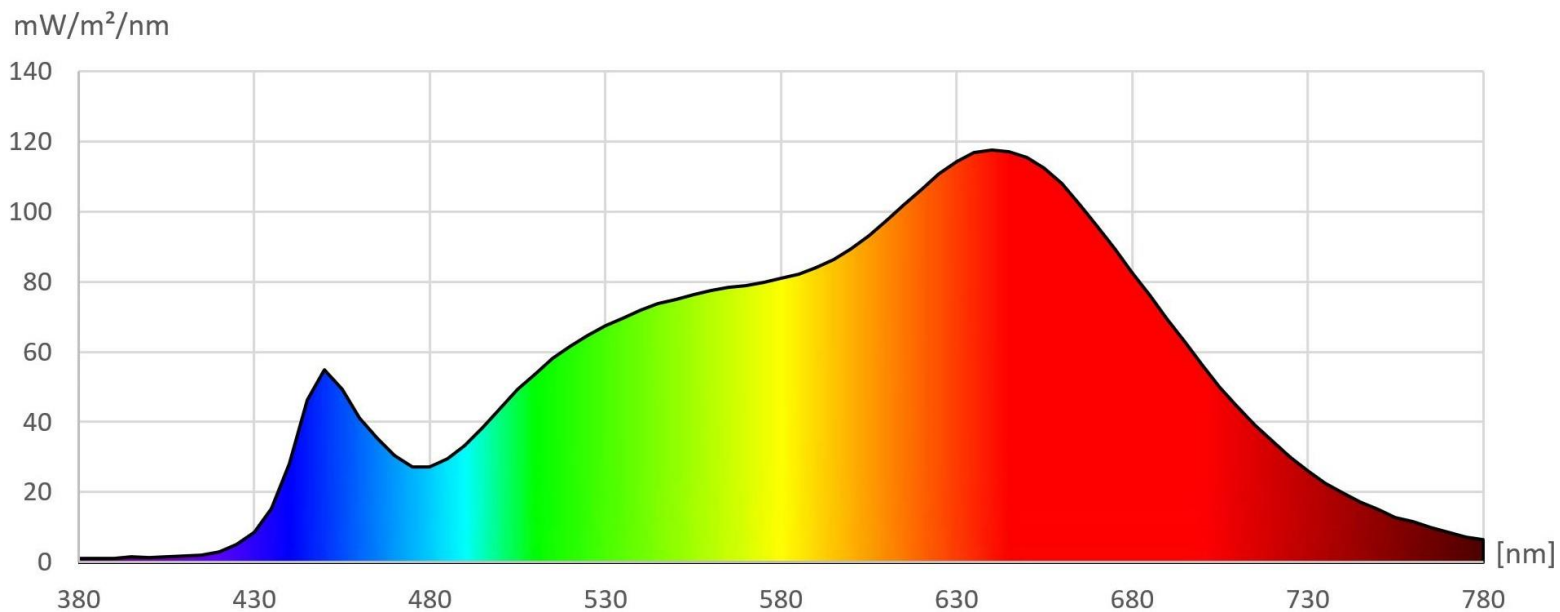
**CIE1931:**



**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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