

Datasheet

LED-strip specification

LED-strip type:
LS24CT576COBPLX

Description:
**LuxaLight COB LED-strip Warm White 2700K +
White 6200K Color Temperature Protected
(24 Volt, 576 LEDs, COB, IP64)**

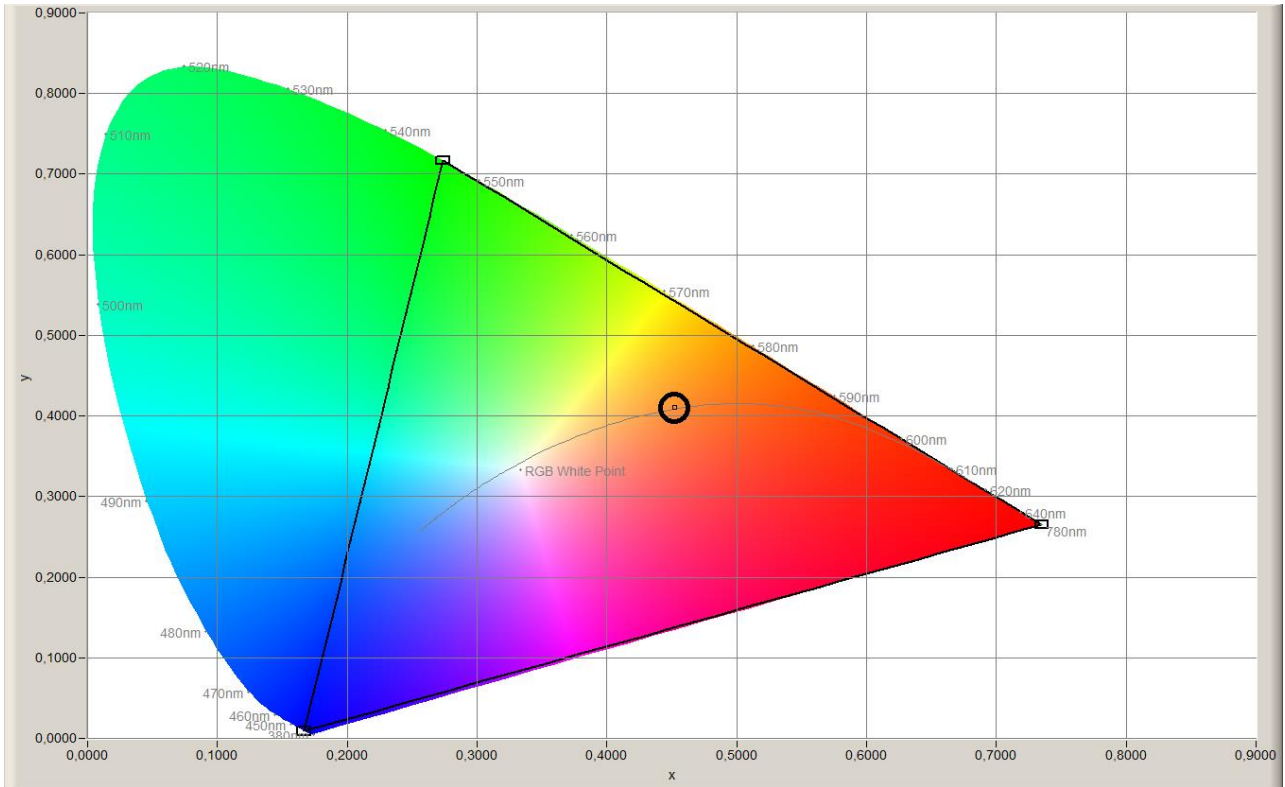


Date:
05-06-2023

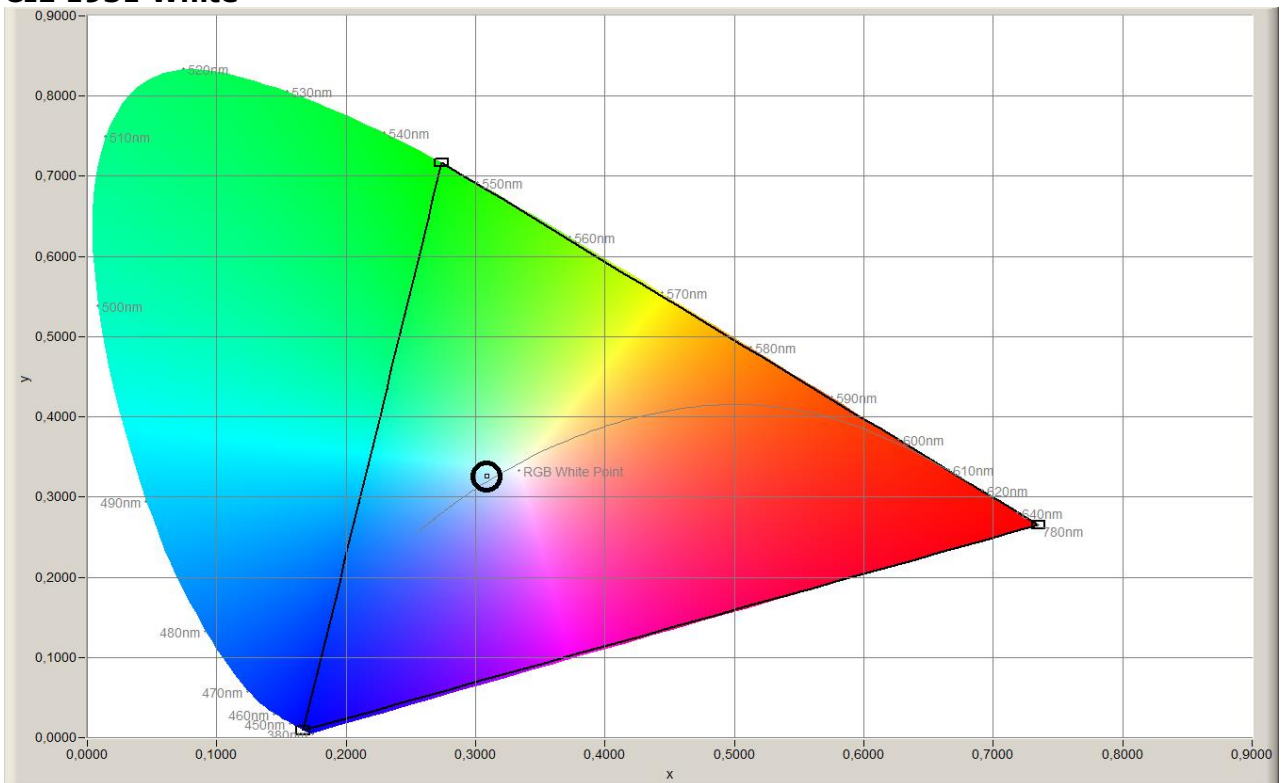
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Technical Specifications		
LS24CT576COBPLX		
General	LED Type	COB
	LED Quantity	576 LEDs/m
	Dimensions	10000 * 10 * 3 (L x B x H)
	Segment Length	25mm
	LEDs / Segment	16 LEDs
	Weight	35 ~ 50g / meter
	Mounting	3M tape VHB4905
Environment	Working Temperature	-20°C ~ +70°C
	Storing Temperature	-20°C ~ +70°C
	IP Grade	IP64
	Mechanical Protection	Silicone Coating
	Lifetime	70.000 Hours
	Warranty	5 Years
Electronic	Working Voltage	DC24V
	Working Current	0,63 A / Engine
	Working Wattage	15 W / Engine
	Driving Method	Constant Voltage
Lighting	Engine Colour Temperature (K)	2800K Warm White + 6700K White
	Measured Colour temp. (at 60cm)	2814K + 6734K
	Luminous Flux	≈ 1430 lm
	Viewing Angle (θ)	120 ±5°
	CRI	≥ 95 Ra
	LB Value	L90B20
	BIN	3 SDCM

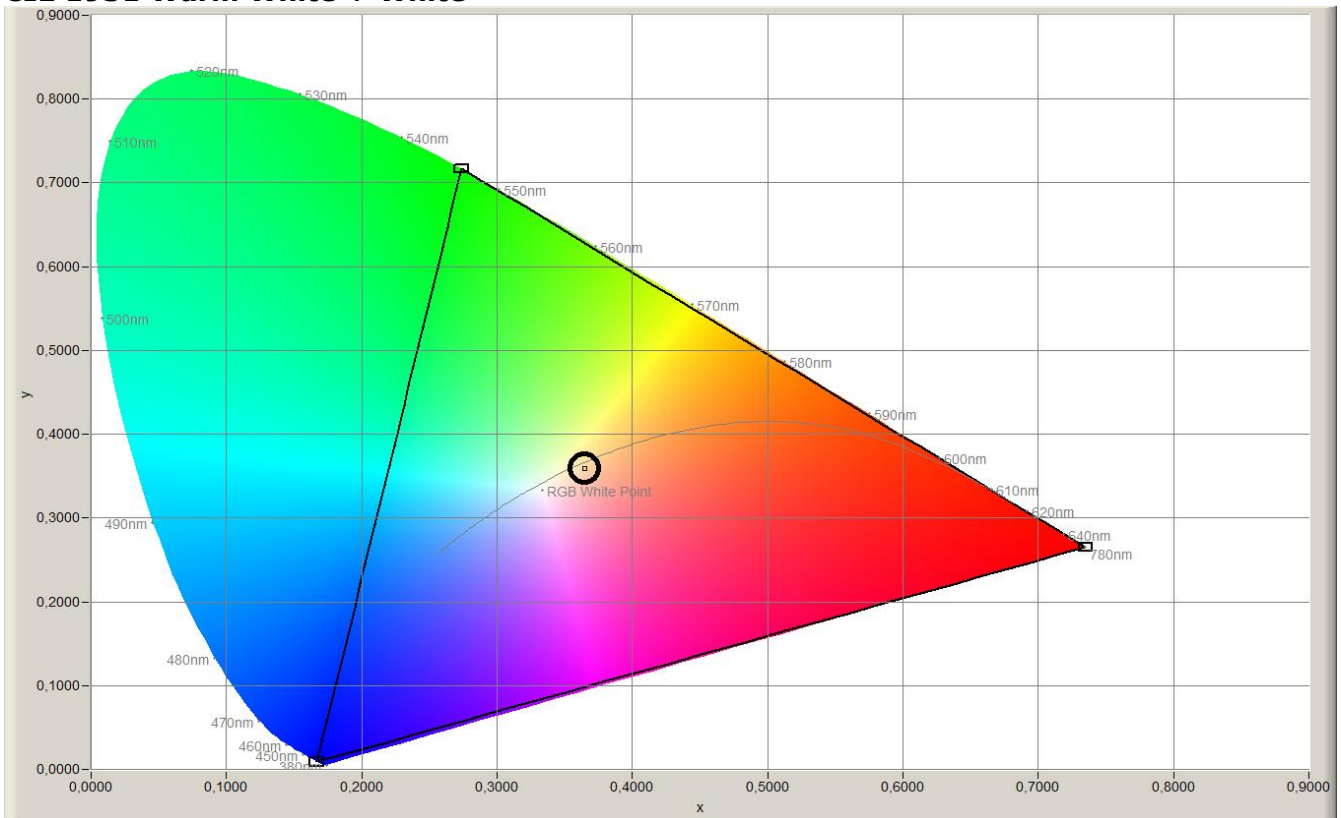
CIE 1931 Warm White



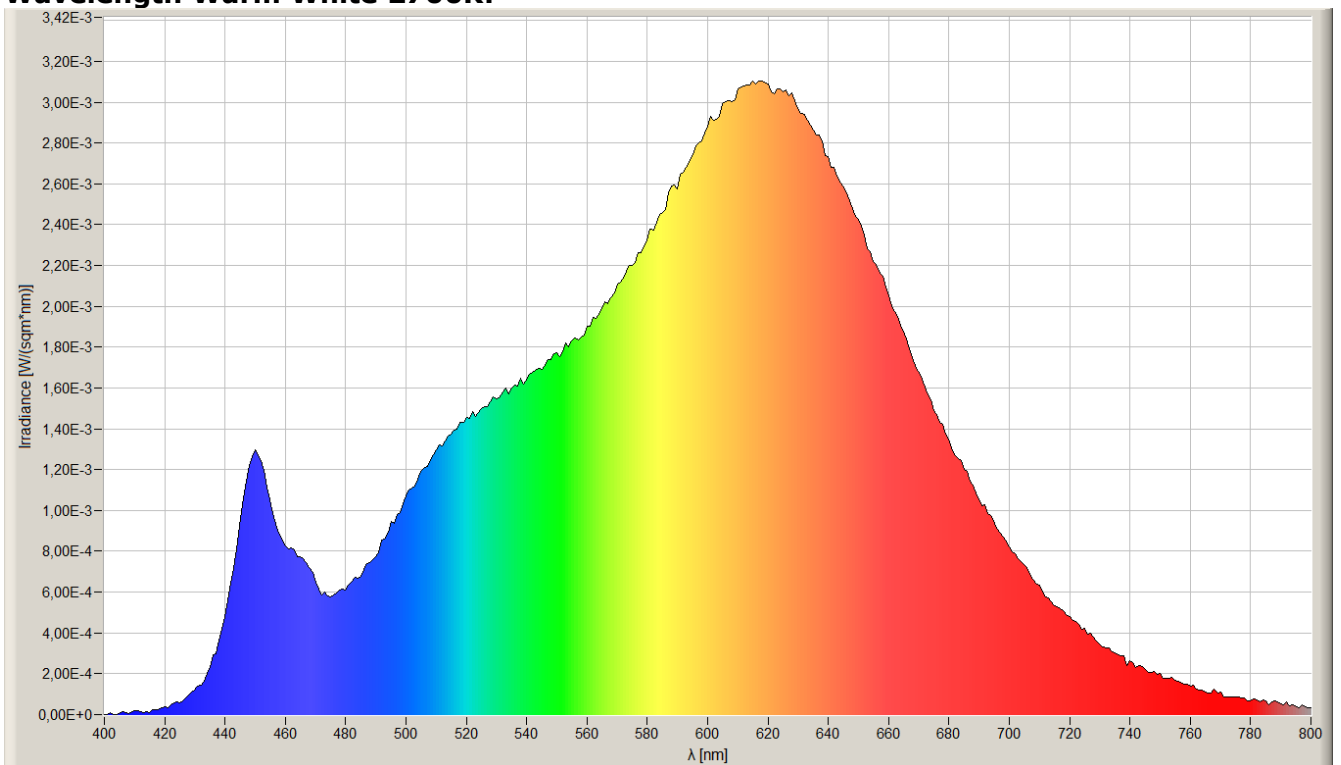
CIE 1931 White



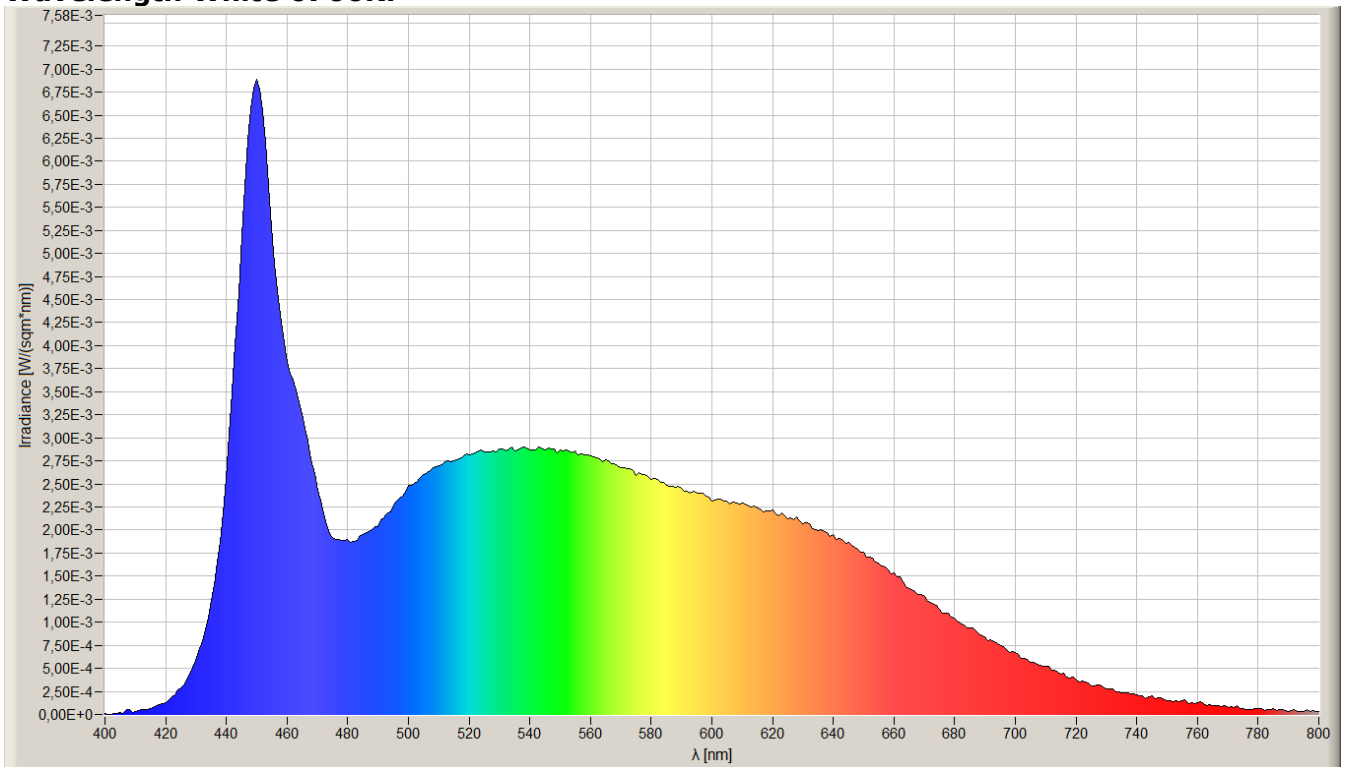
CIE 1931 Warm White + White



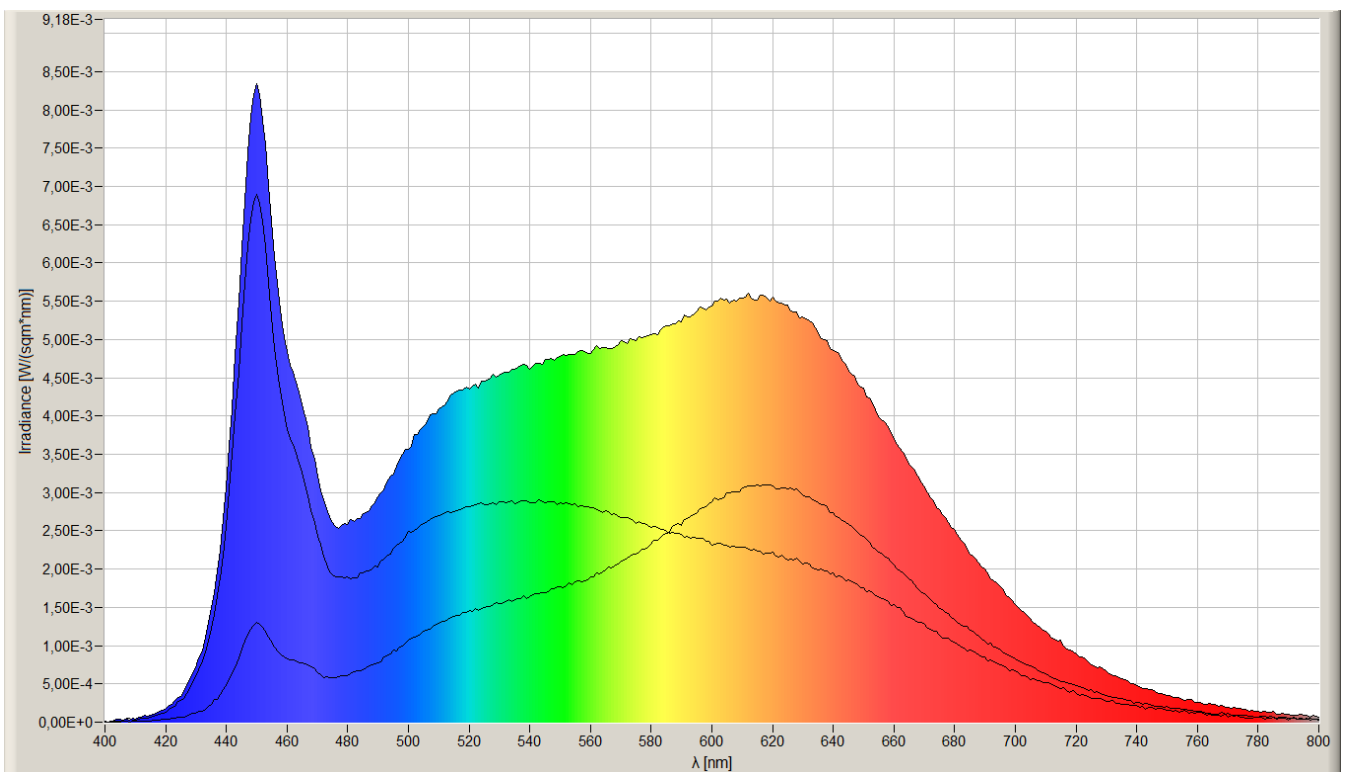
Wavelength Warm White 2700K:



Wavelength White 6700K:



Wavelength White 6700K + 2700K 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:

- NEN-EN-IEC 61000-3-2:2019/A1:2021
- NEN-EN-IEC 61000-3-3:2013+A1:2017+A2:2021
- NEN-EN-IEC 61547:2009

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