

LEDLITE™

Energy Saving LED

Spectrophotometer Test Report

Picture:



Sample name: LTSP50WW - 50W LED Slimlight Panel WW

Manufacturer: LEDLITE

Code:

Temperature: 25.3°C

Humidity: 65%

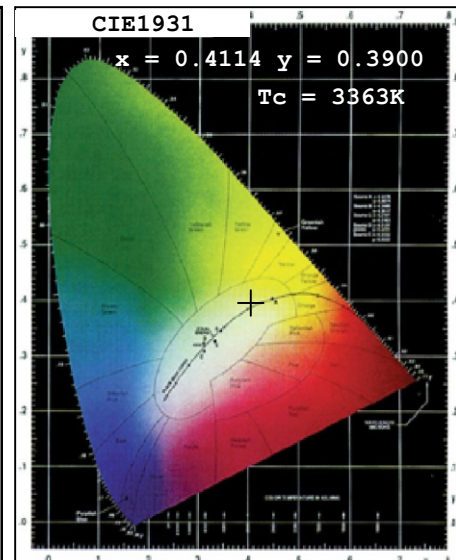
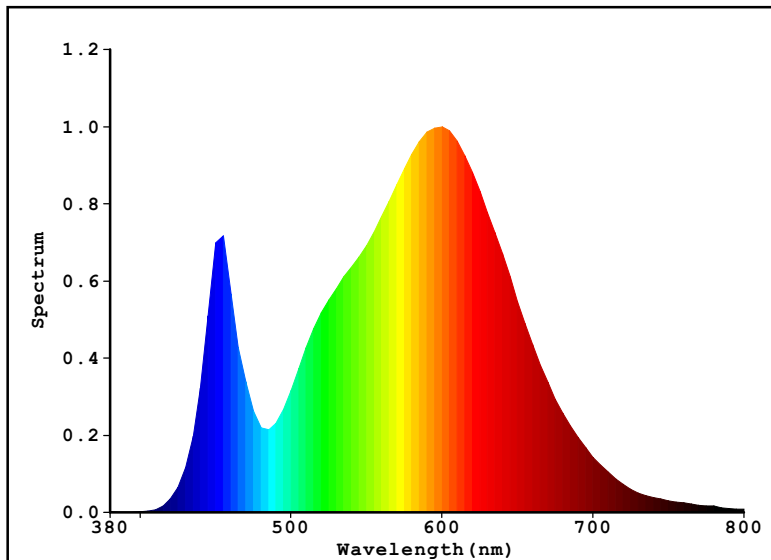
Instrument: EVERFINE PMS-80_V1

Software: PmLab V3.00.133

Test Date: 09/Sept/2015 09:52:52

Tester:

Spectrum Power Distribution Chart:



Spectrum:		Electrical:	
λ (Peak WL):	600.0 nm	I(test):	0.2211 A
λ (Dominant WL):	582.1 nm	V(Positive):	240.3 V
λ (Centroid WL):	581.0 nm	Power:	50.93 W
BandWidth:	136.3 nm	Power Factor (PF):	0.9585
Colour Temp(Tc):	3363 K	Luminous Flux:	4580.4 lm
Colour Coordinate (x,y):	x=0.4114 y=0.3900 (dx=-0.0018; dy=-0.0045)	Light Efficacy:	89.94 lm/w
Colour Coordinate (u',v'):	u'=0.2400 v'=0.5119 (duv=-1.62e-03)	Render Index (Ra):	81
Colour Purity:	40.5%	R1 =79 R2 =89 R3 =95 R4 =78 R5 =79	
Light Power(Fe):	14.323 W	R6 =85 R7 =83 R8 =59 R9 =3 R10 =74	
RGB Ratio:	R=22.3% G=75.1% B=2.6%	R11 =76 R12 =63 R13 =81 R14 =98 R15 =73	

Remarks: