

LEDLITE™

Energy Saving LED

Spectrophotometer Test Report

Picture:



Sample name: LTSP50W - 50W LED Slimlight Panel W

Manufacturer: LEDLITE

Code:

Temperature: 25.3°C

Humidity: 65%

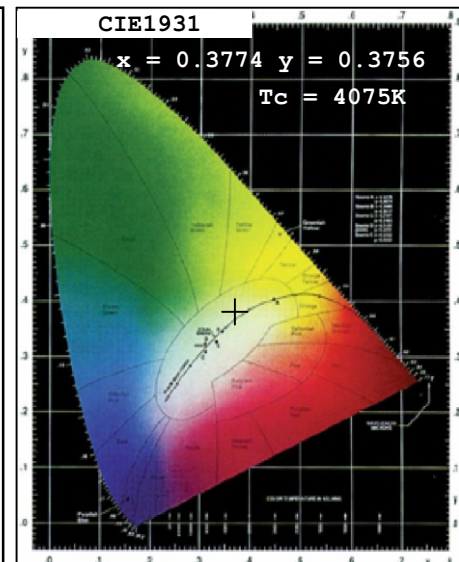
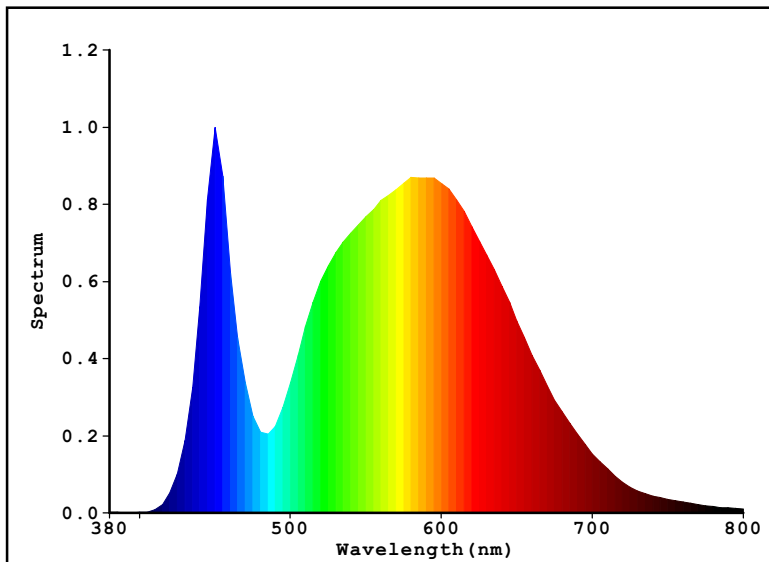
Instrument: EVERFINE PMS-80_V1

Software: PmLab V3.00.133

Test Date: 15/May/2015 14:14:00

Tester:

Spectrum Power Distribution Chart:



Spectrum:		Electrical:	
λ (Peak WL):	450.0 nm	I(test):	0.2318 A
λ (Dominant WL):	578.6 nm	V(Positive):	240.3 V
λ (Centroid WL):	571.0 nm	Power:	49.41 W
BandWidth:	24.5 nm	Power Factor (PF):	0.9687
Colour Temp(Tc):	4075 K	Luminous Flux:	4642.8 lm
Colour Coordinate (x,y):	x=0.3774 y=0.3756 (dx=0.0002; dy=0.0009)	Light Efficacy:	93.96 lm/w
Colour Coordinate (u',v'):	u'=0.2236 v'=0.5006 (duv=3.46e-04)	Render Index (Ra):	80.5
Colour Purity:	26.0%	R1 =79 R2 =85 R3 =89 R4 =80 R5 =78	
Light Power(Fe):	14.631 W	R6 =79 R7 =87 R8 =67 R9 =11 R10 =64	
RGB Ratio:	R=19.2% G=78.0% B=2.9%	R11 =77 R12 =53 R13 =80 R14 =94 R15 =75	

Remarks: