

LEDLITE™

Energy Saving LED

Spectrophotometer Test Report

Picture:



Sample name: LTSP50DL - 50W LED Slimlight Panel DL

Manufacturer: LEDLITE

Code:

Temperature: 25.3°C

Humidity: 65%

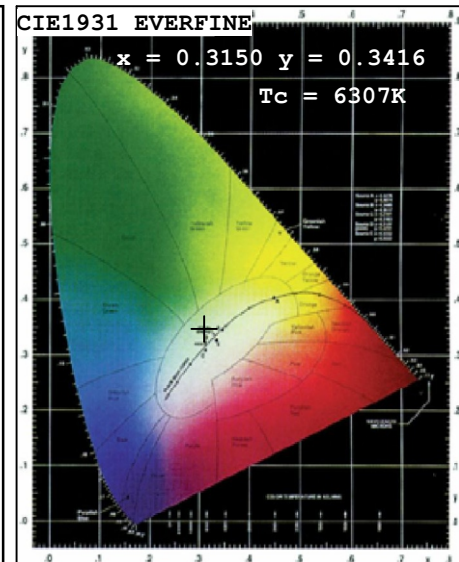
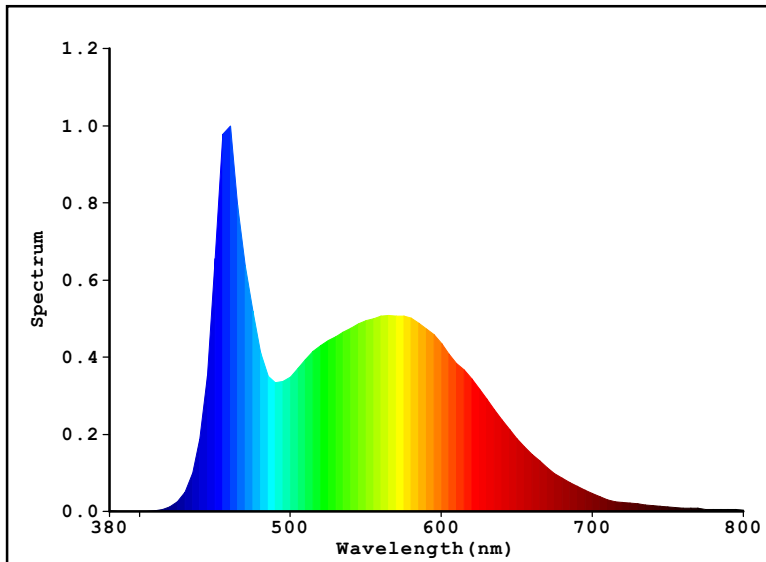
Instrument: EVERFINE PMS-80_V1

Software: PmLab V3.00.133

Test Date: 26/June/2015 11:02:32

Tester:

Spectrum Power Distribution Chart:



Spectrum:		Electrical:	
λ (Peak WL):	460.0 nm	I(test):	0.2092 A
λ (Dominant WL):	497.6 nm	V(Positive):	240.2 V
λ (Centroid WL):	540.0 nm	Power:	49.61 W
BandWidth:	28.5 nm	Power Factor (PF):	0.9672
Colour Temp(Tc):	6307 K	Luminous Flux:	4811.6 lm
Colour Coordinate (x,y):	x=0.3150 y=0.3416 (dx=-0.0017; dy=0.0149)	Light Efficacy:	96.99 lm/w
Colour Coordinate (u',v'):	u'=0.1948 v'=0.4752 (duv=8.93e-03)	Render Index (Ra):	81.2
Colour Purity:	5.8%	R1 =80 R2 =93 R3 =92 R4 =73 R5 =79	
Light Power(Fe):	14.904 W	R6 =88 R7 =82 R8 =63 R9 =0 R10 =82	
RGB Ratio:	R=14.3% G=79.5% B=6.3%	R11 =72 R12 =56 R13 =84 R14 =96 R15 =73	

Remarks: