
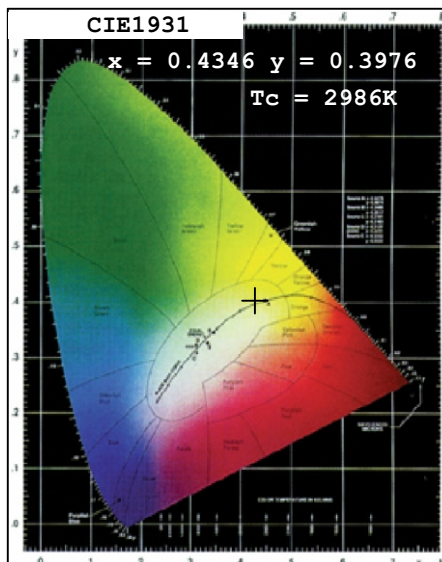
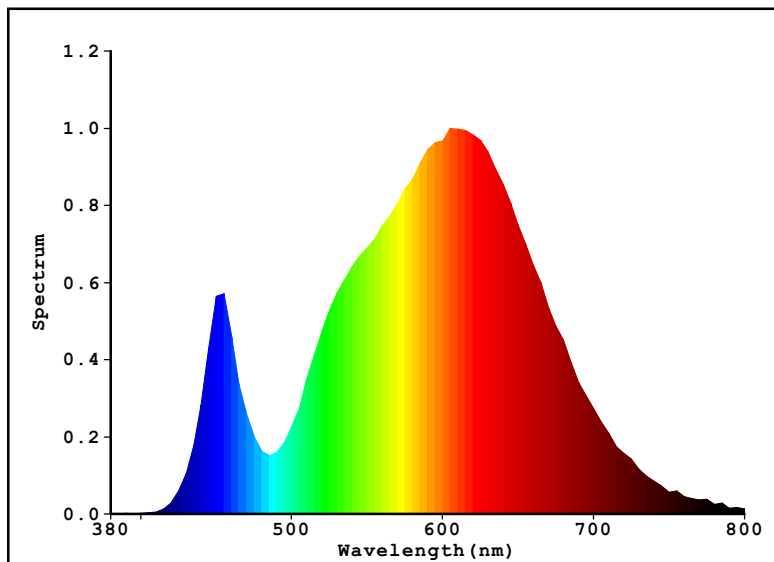




Spectrophotometer Test Report

Picture: 	Sample name: 21LED Cluster Lamp GU10 WW	
	Manufacturer: TLC	Code: GU LEDWW
	Temperature: 25.3°C	Humidity: 65%
	Instrument: EVERFINE PMS-80_V1	Software: PmLab V3.00.133
	Test Date: 18/February/2014 13:21:08	
	Tester: Octavian C.	

Spectrum Power Distribution Chart:



Spectrum:	Electrical:
λ (Peak WL): 605.0 nm	I(test): 0.02211 A
λ (Dominant WL): 583.7 nm	V(Positive): 240.3 V
λ (Centroid WL): 596.0 nm	Power: 1.326 W
BandWidth: 151.3	Power Factor (PF): 0.2495
Colour Temp(Tc): 2986 K	Luminous Flux: 80.642 lm
Colour Coordinate (x,y): x=0.4346 y=0.3976 (dx=0.0033; dy=0.0068)	Light Efficacy: 60.83 lm/w
Colour Coordinate (u',v'): u'=0.2519 v'=0.5185 (duv=2.27e-03)	Render Index (Ra): 84.1
Colour Purity: 49.8%	R1 =84 R2 =90 R3 =92 R4 =82 R5 =82
Light Power(Fe): 0.26447 W	R6 =85 R7 =88 R8 =70 R9 =31 R10 =73
RGB Ratio: R=25.0% G=73.0% B=2.0%	R11 =79 R12 =63 R13 =85 R14 =95 R15 =80

Remarks: