
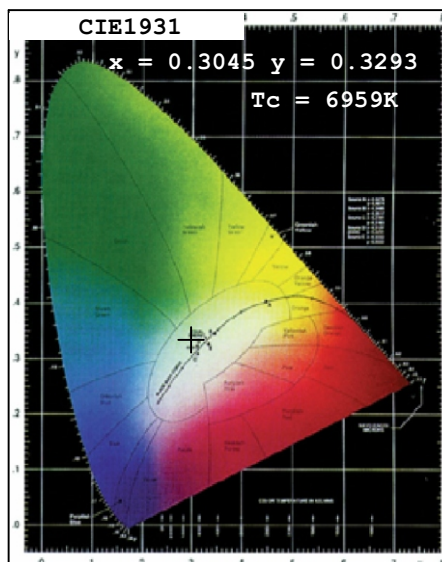
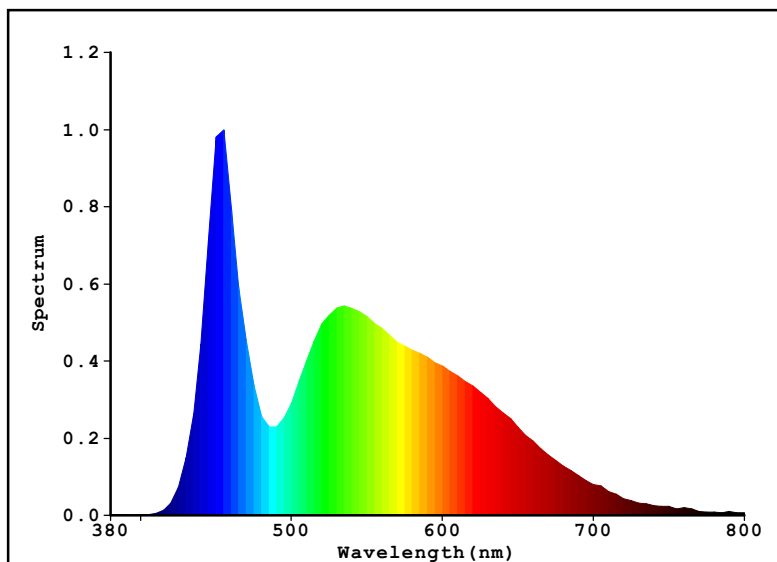




Spectrophotometer Test Report

Picture: 	Sample name: 21LED Cluster Lamp GU10 CW	
	Manufacturer: TLC	Code: GU LEDW
	Temperature: 25.3°C	Humidity: 65%
	Instrument: EVERFINE PMS-80_V1	Software: PmLab V3.00.133
	Test Date: 18/February/2014 14:17:31	
	Tester: Octavian C.	

Spectrum Power Distribution Chart:



Spectrum:		Electrical:	
λ (Peak WL):	455.0 nm	I(test):	0.02251 A
λ (Dominant WL):	489.9 nm	V(Positive):	240.3 V
λ (Centroid WL):	540.0 nm	Power:	1.347 W
BandWidth:	27.3	Power Factor (PF):	0.2490
Colour Temp(Tc):	6959 K	Luminous Flux:	96.356 lm
Colour Coordinate (x,y):	x=0.3045 y=0.3293 (dx=0.0033; dy=0.0068)	Light Efficacy:	71.55 lm/w
Colour Coordinate (u',v'):	u'=0.1920 v'=0.4673 (duv=7.53e-02)	Render Index (Ra):	83.9
Colour Purity:	10.0%	R1 =82 R2 =86 R3 =87 R4 =83 R5 =82	
Light Power(Fe):	0.32219 W	R6 =80 R7 =92 R8 =78 R9 =-28 R10 =65	
RGB Ratio:	R=14.1% G=80.7% B=5.2%	R11 =81 R12 =52 R13 =83 R14 =93 R15 =50	

Remarks: