
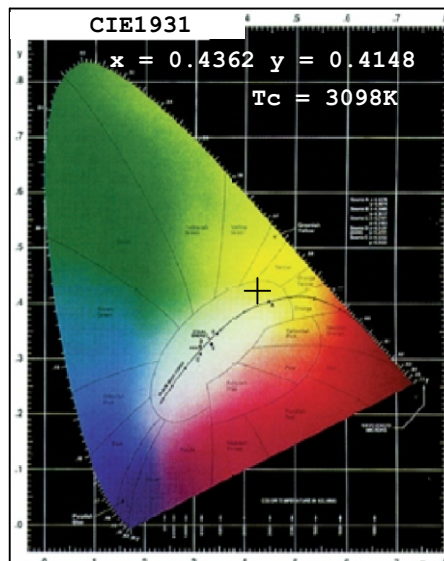
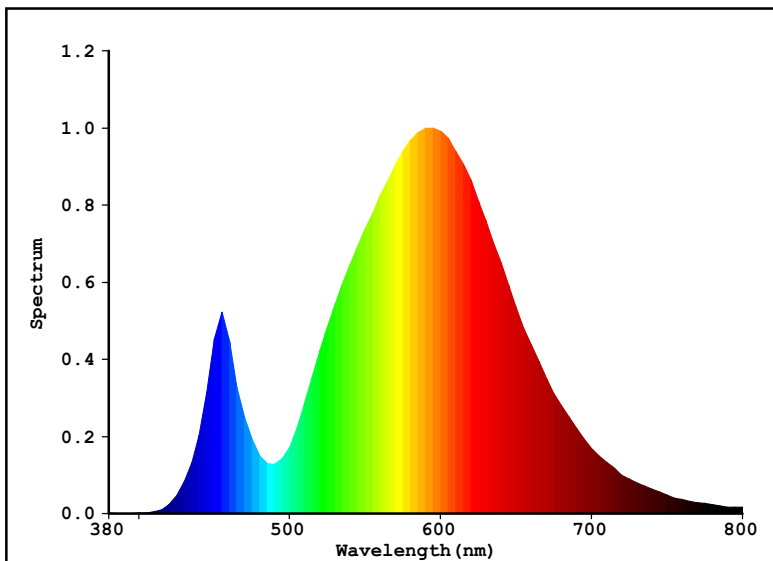




## Spectrophotometer Test Report

Picture:  	<b>Sample name: LED Bollard Lamp</b>	
	Manufacturer: LEDlite	Code: LTBL12
	Temperature: 25.3°C	Humidity: 65%
	Instrument: EVERFINE PMS-80_V1	Software: PmLab V3.00.133
	Test Date: 26/June/2013 15:26:39	
	Tester:	

### Spectrum Power Distribution Chart:



Spectrum:		Electrical:	
$\lambda$ (Peak WL):	590.0 nm	I(test):	0.05639 A
$\lambda$ (Dominant WL):	581.0 nm	V(Positive):	220.2 V
$\lambda$ (Centroid WL):	587.0 nm	Power:	11.97 W
BandWidth:	127.2 nm	Power Factor (PF):	0.9641
Colour Temp(Tc):	3098 K	Luminous Flux:	903.41 lm
Colour Coordinate (x,y):	x=0.4362 y=0.4148 (dx=0.0061; dy=0.0132)	Light Efficacy:	75.48 lm/w
Colour Coordinate (u',v'):	u'=0.2456 v'=0.5254 (duv=4.36e-03)	Render Index (Ra):	82.7
Colour Purity:	55.5%	R1 =84.2 R2 =81.6 R3 =80.3 R4 =87.8 R5 =82.7	
Light Power(Fe):	2.6207 W	R6 =79.6 R7 =82.5 R8 =50.4 R9 =26.7 R10 =63.3	
RGB Ratio:	R=22.2% G=76.1% B=1.7%	R11 =68.7 R12 =49.1 R13 =73.8 R14 =92.7 R15 =63.2	

**Remarks:**