

# LEDLITE™

## Energy Saving LED

### Spectrophotometer Test Report

Picture:



**Sample name: COB LED Fire Rated Downlight NW**

Manufacturer: LEDLITE

Code:

Temperature: 25.3°C

Humidity: 65%

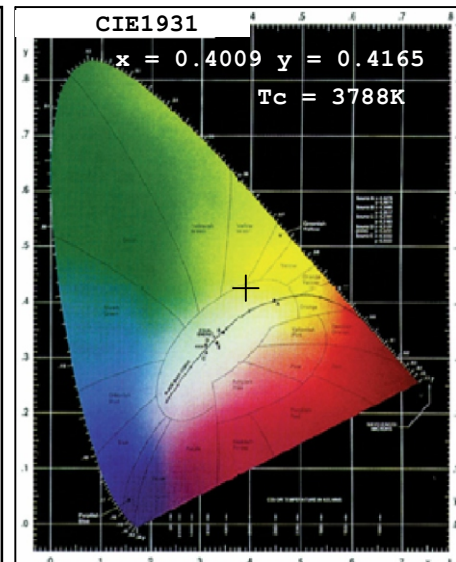
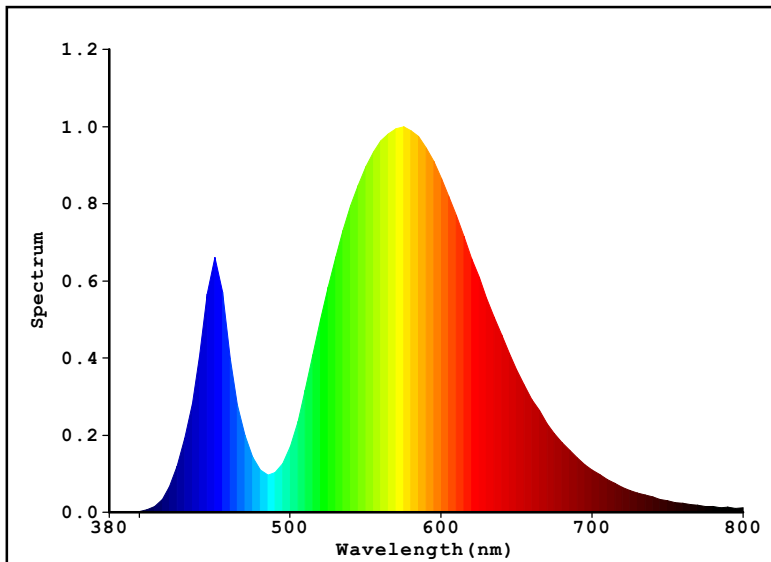
Instrument: EVERFINE PMS-80\_V1

Software: PmLab V3.00.133

Test Date: 15/July/2014 15:00:19

Tester:

#### Spectrum Power Distribution Chart:



Spectrum:		Electrical:	
$\lambda$ (Peak WL):	575.0 nm	I(test):	0.05812 A
$\lambda$ (Dominant WL):	575.0 nm	V(Positive):	240.3 V
$\lambda$ (Centroid WL):	572.0 nm	Power:	12.04 W
BandWidth:	115.6 nm	Power Factor (PF):	0.8621
Colour Temp(Tc):	3788 K	Luminous Flux:	965.09 lm
Colour Coordinate (x,y):	x=0.4009 y=0.4165 (dx=0.0106; dy=0.0338)	Light Efficacy:	80.16 lm/w
Colour Coordinate (u',v'):	u'=0.2228 v'=0.5209 (duv=1.20e-02)	Render Index (Ra):	79.9
Colour Purity:	45.4%	R1 =78 R2 =86 R3 =92 R4 =78 R5 =76	
Light Power(Fe):	2.5796 W	R6 =80 R7 =85 R8 =62 R9 =11 R10 =66	
RGB Ratio:	R=17.0% G=81.4% B=1.6%	R11 =74 R12 =54 R13 =80 R14 =95 R15 =74	

Remarks: