

LEDLITE™

Energy Saving LED

Spectrophotometer Test Report

Picture:



Sample name: COB LED Fire Rated Downlight DL

Manufacturer: LEDLITE

Code:

Temperature: 25.3°C

Humidity: 65%

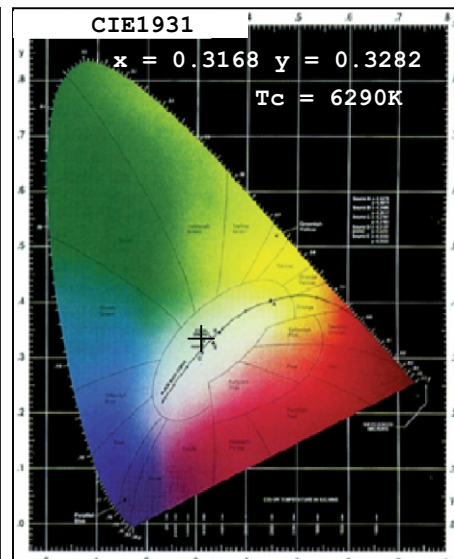
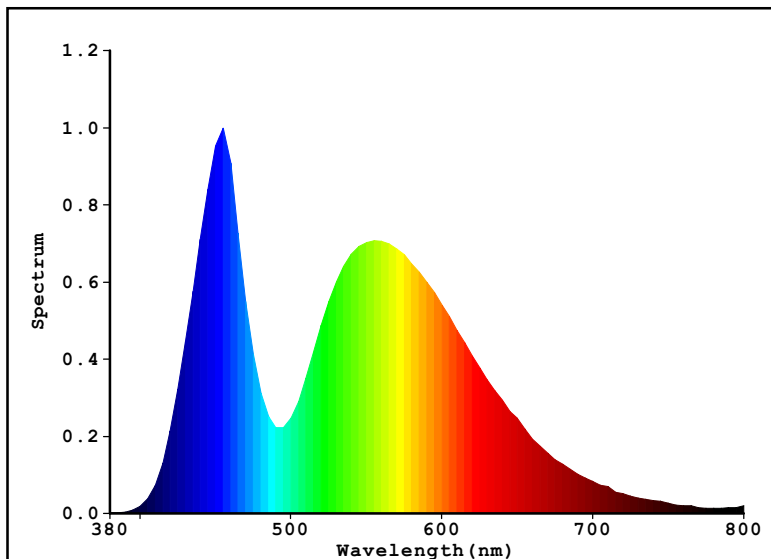
Instrument: EVERFINE PMS-80_V1

Software: PmLab V3.00.133

Test Date: 15/July/2014 13:50:34

Tester:

Spectrum Power Distribution Chart:



Spectrum:		Electrical:	
λ (Peak WL):	450.0 nm	I(test):	0.05990 A
λ (Dominant WL):	564.9 nm	V(Positive):	240.3 V
λ (Centroid WL):	554.0 nm	Power:	12.58 W
BandWidth:	29.4 nm	Power Factor (PF):	0.8739
Colour Temp(Tc):	5125 K	Luminous Flux:	982.33 lm
Colour Coordinate (x,y):	x=0.3429 y=0.3662 (dx=0.0012; dy=0.0173)	Light Efficacy:	78.09 lm/w
Colour Coordinate (u',v'):	u'=0.2045 v'=0.4913 (duv=8.02e-03)	Render Index (Ra):	80.1
Colour Purity:	12.8%	R1 =78 R2 =85 R3 =86 R4 =79 R5 =78	
Light Power(Fe):	2.6773 W	R6 =78 R7 =90 R8 =69 R9 =-9 R10 =53	
RGB Ratio:	R=14.3% G=83.1% B=2.6%	R11 =73 R12 =54 R13 =79 R14 =94 R15 =75	

Remarks: