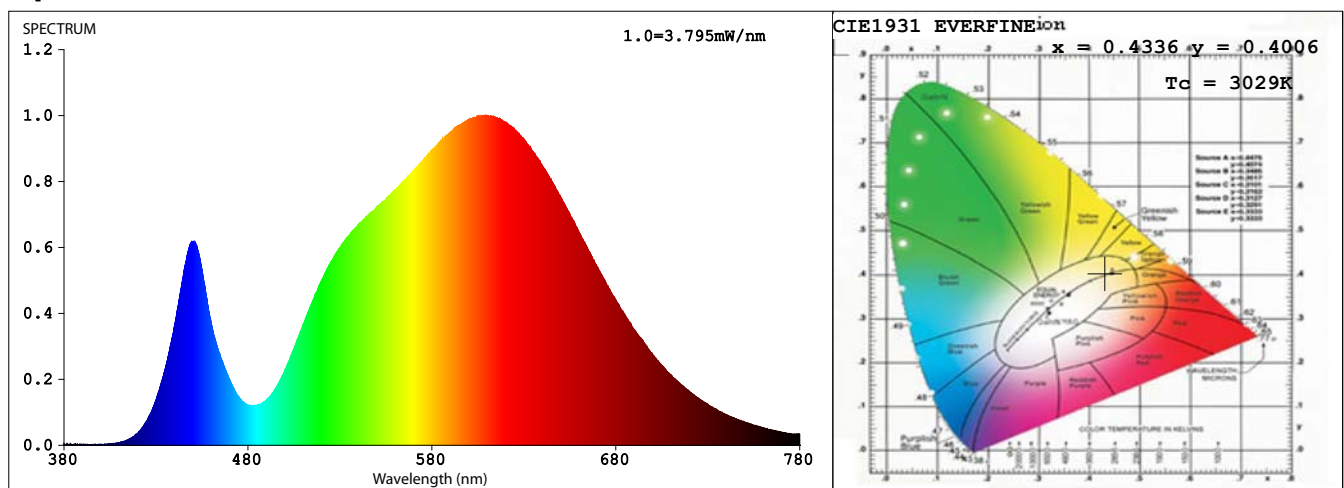


## ELDCMR16-8A40WW Spectrum Test Report

Product	: ELDCMR16-8A40WW	Date	: 2013-08-31
Sample No.	: ELDCMR16-8A40WW	Instrument	:
Manufacturer	:	Operator	:
Temperature	: 25.3Deg	RH	: 65.0%
Scan Range	: 380nm-780nm	IP	: 52077 (79%)
Test Type	: Fast Test	T	: 1007 ms
		Delicacy	: Low

### Spectroradiometric Parameters



### CIE Color Parameters:

Chromaticity Coordinate:  $x = 0.4336$   $y = 0.4006$  /  $u' = 0.2499$   $v' = 0.5195$  ( $duv = -9.20e-04$ )

CCT:  $T_c = 3029K$  Prcp WaveL:  $\lambda_d = 583.0nm$  Purity=50.4%

Peak WaveL:  $\lambda_p = 610nm$  Half Width:  $\Delta\lambda_p = 153.5nm$  Ratio: R=24.4% G=73.9% B=1.7%

Render Index:  $R_a = 82.3$

R1 =82	R2 =87	R3 =90	R4 =82	R5 =80	R6 =81	R7 =88	
R8 =70	R9 =27	R10=68	R11=79	R12=59	R13=83	R14=93	R15=78

### Photo Parameters:

Flux = 369.3 lm Eff. : 44.98 lm/W Fe = 677.9 mW

Fmol(umol/s): 3.333e-001 Fluorescence and blue light ratio: 8.279 Fluorescent efficiency: 10.63

### Electrical parameters:

V = 12.24 V I = 0.4647 A P = 8.354 W PF = 0.8180