

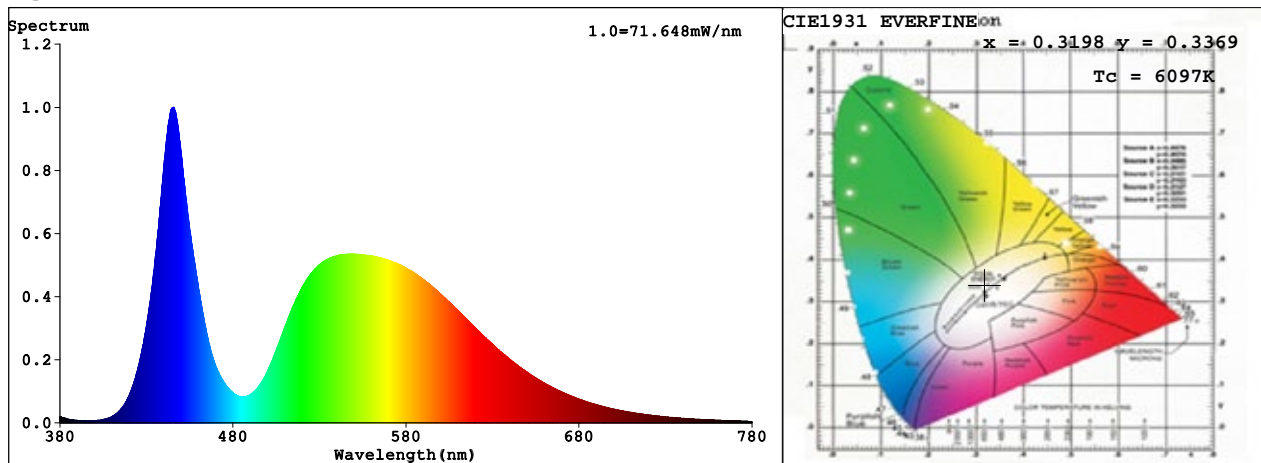
ELACFL-36T120CW Spectrum Test Report

Product	: ELACFL-36T120CW	Date	: 2013-08-14
Sample No.	: ELACFL-36T120CW	Instrument	:
Manufacturer	:	Operator	:

Test Condition

Temperature	: 25.0Deg	RH	: 65.0%
Scan Range	: 380nm-780nm	IP	: 54661 (83%)
		T	: 63 ms
Test Type	: Fast Test	Delicacy	: High

Spectroradiometric Parameters



Spectral Distribution

CIE1931 Chromaticity Diagram

CIE Color Parameters:

Chromaticity Coordinate: $x=0.3198$ $y=0.3369$ / $u'=0.1997$ $v'=0.4735$ ($duv=3.77e-03$)

CCT: $T_c=6097K$ Prcp Wavel: $\lambda_d=495.1nm$ Purity=4.4%

Peak Wavel: $\lambda_p=446nm$ Half Width: $\Delta\lambda_p=23.4nm$ Ratio: R=13.4% G=83.6% B=3.0%

Render Index: $R_a=69.2$

R1 =67 R2 =72 R3 =74 R4 =71 R5 =69 R6 =63 R7 =78

R8 =59 R9 =0 R10=33 R11=69 R12=39 R13=67 R14=85 R15=63

LEVEL:OUT WHITE:ANSI_6500K

Photo Parameters:

Flux = 2240 lm Eff. : 64.78 lm/W $F_e = 6.840 W$

$F_{mol}(umol/s):3.075e+000$ Fluorescence and blue light ratio:2.382 Fluorescent efficiency:12.88

Electrical parameters:

V = 219.2 V I = 0.1706 A P = 34.57 W PF = 0.9244