

ELACE14-3C180WW Spectrum Test Report

Product : ELACE14-3C180WW
 Sample No. : ELACE14-3C180WW
 Manufacturer :

Date : 2013-08-30
 Instrument :
 Operator :

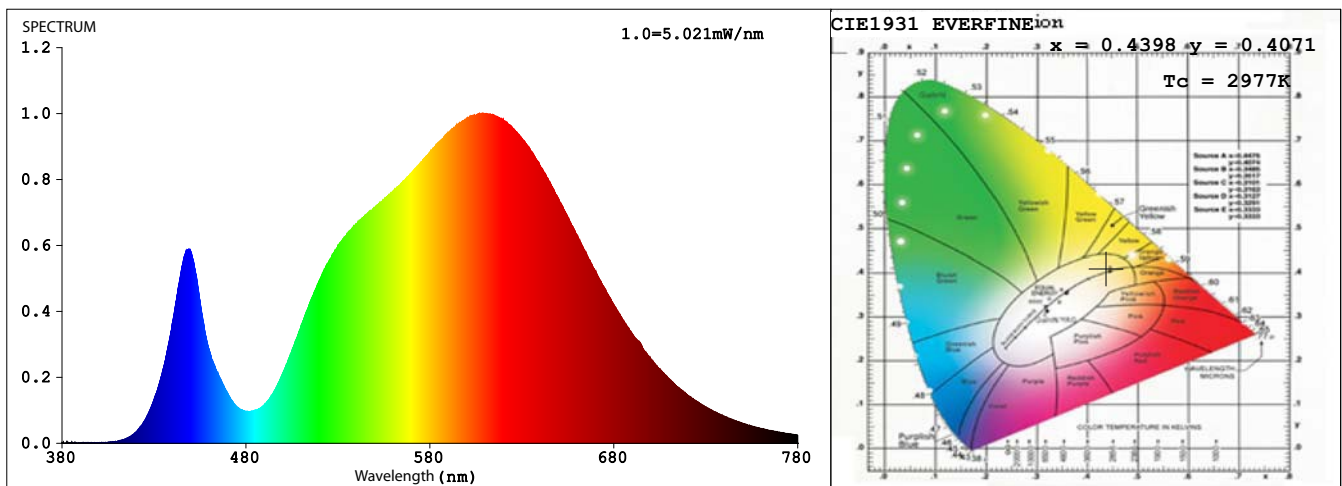
Test Condition

Temperature : 25.3Deg
 Scan Range : 380nm-780nm

RH : 65.0%
 IP : 52579 (80%)
 T : 769 ms
 Delicacy : Low

Test Type : Fast Test

Spectroradiometric Parameters



Spectral Distribution

CIE1931 Chromaticity Diagram

CIE Color Parameters:

Chromaticity Coordinate: $x=0.4398$ $y=0.4071$ $u'=0.2511$ $v'=0.5230$ ($duv=8.23e-04$)

CCT: $T_c = 2977K$ Prcp Wavel: $d = 582.6nm$ Purity=54.2%

Peak Wavel: $\lambda_p=609nm$ Half Width: $\Delta\lambda_p=151.3nm$ Ratio: R=24.6% G=73.9% B=1.5%

Render Index: $R_a=81.3$

R1 =81	R2 =86	R3 =88	R4 =81	R5 =79	R6 =79	R7 =87	
R8 =68	R9 =23	R10=65	R11=78	R12=56	R13=81	R14=93	R15=77

Photo Parameters:

Flux = 274.1 lm Eff.: 76.18 lm/W $F_e = 870.3$ W

Fmol(umol/s): $4.283e-001$ Fluorescence and blue light ratio: 9.230 Fluorescent efficiency: 9.362

Electrical parameters:

$V = 232.7$ V $I = 0.03605$ A $P = 3.598$ W PF = 0.4289