

ELDCMR16-4.5A120WW Spectrum Test Report

Product : ELDCMR16-4.5A120WW
 Sample No. : ELDCMR16-4.5A120WW
 Manufacturer :

Date : 2013-01-22
 Instrument
 Operator :

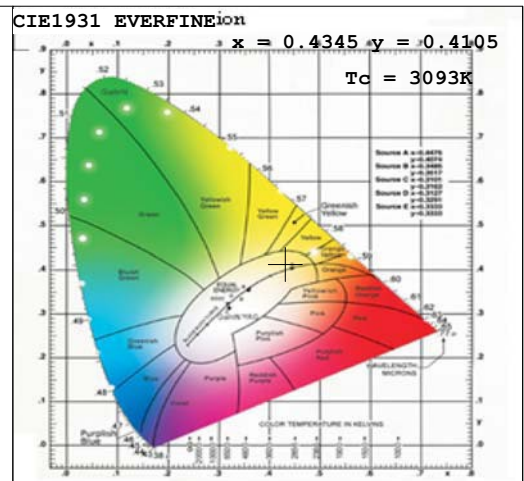
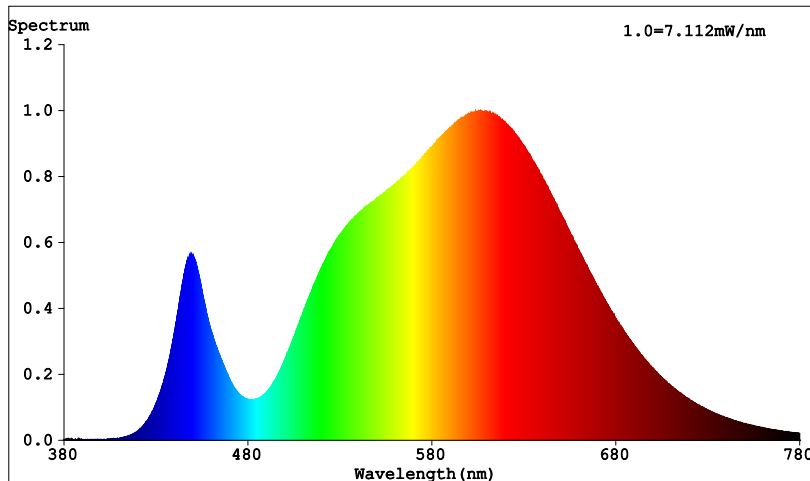
Test Condition

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

RH : 65.0%
 IP : 52317 (80%)
 T : 539 ms
 Delicacy : Low

Test Type : Fast Test

Spectroradiometric Parameters



Spectral Distribution

CIE1931 Chromaticity Diagram

CIE Color Parameters:

Chromaticity Coordinate: $x=0.4345$ $y=0.4105$ $u'=0.2463$ $v'=0.5235$ ($duv=2.91e-03$)

CCT: $T_c=3093K$ Prcp WaveL: $\lambda_d=581.4nm$ Purity=53.7%

Peak WaveL: $\lambda_p=607nm$ Half Width: $\Delta\lambda_p=148.8nm$ Ratio: R=23.8% G=74.6% B=1.7%

Render Index: $R_a=81.4$

R1 =80 R2 =86 R3 =90 R4 =82 R5 =79 R6 =80 R7 =88
 R8 =67 R9 =18 R10=65 R11=79 R12=55 R13=81 R14=93 R15=75

Photo Parameters:

Flux = 383.2 lm Eff. : 83.67 lm/W $F_e = 1.181 W$

Fmol($\mu mol/s$): $5.774e-001$ Fluorescence and blue light ratio: 8.964 Fluorescent efficiency: 5.432

Electrical parameters:

V = 12.8 V I = 0.08507 A P = 4.580 W PF = 0.7342