

ELDCMR16-6.5A20WW Spectrum Test Report

Product : ELDCMR16-6.5A20WW
 Sample No. : ELDCMR16-6.5A20WW
 Manufacturer :

Date : 2013-08-31
 Instrument :
 Operator :

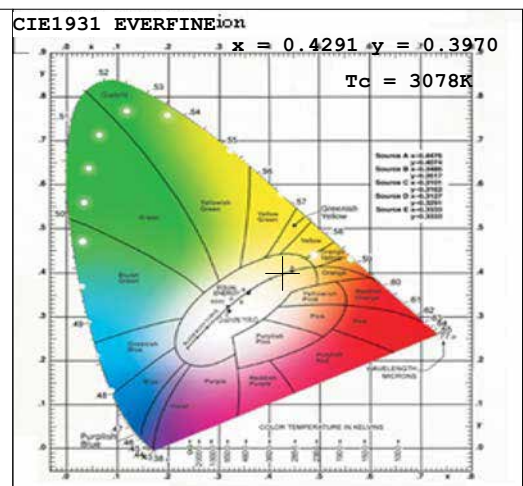
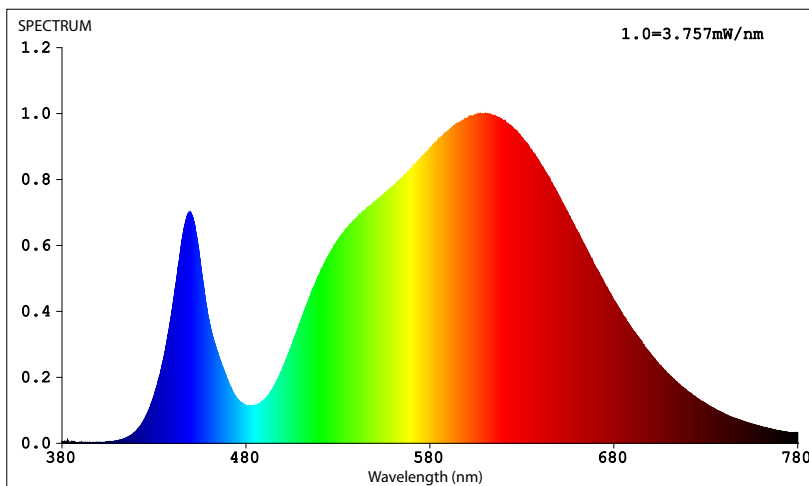
Test Condition

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

RH : 65.0%
 IP : 51463 (79%)
 T : 1007 ms
 Delicacy : Low

Test Type : Fast Test

Spectroradiometric Parameters



Spectral Distribution

CIE1931 Chromaticity Diagram

CIE Color Parameters:

Chromaticity Coordinate: $x = 0.4291$ $y = 0.3970$ / $u' = 0.2485$ $v' = 0.5174$ ($duv = -1.75e-03$)

CCT: $T_c = 3078K$ Prcp WaveL: $\lambda_d = 583.2nm$ Purity=47.9%

Peak WaveL: $\lambda_p = 610nm$ Half Width: $\Delta\lambda_p = 154.4nm$ Ratio: R=24.2% G=74.1% B=1.7%

Render Index: $R_a = 82.5$

R1 =82 R2 =87 R3 =89 R4 =82 R5 =80 R6 =81 R7 =87
 R8 =71 R9 =29 R10=67 R11=79 R12=58 R13=83 R14=93 R15=79

Photo Parameters:

Flux = 468.9 lm Eff. : 46.22 lm/W $\Phi_e = 676.5 mW$

Fmol($\mu mol/s$): $3.317e-001$ Fluorescence and blue light ratio: 7.814 Fluorescent efficiency: 10.86

Electrical parameters:

V = 12.27 V I = 0.4500 A P = 6.520 W PF = 0.7186