

Spectrum Test Report

Sample Length : 4FT

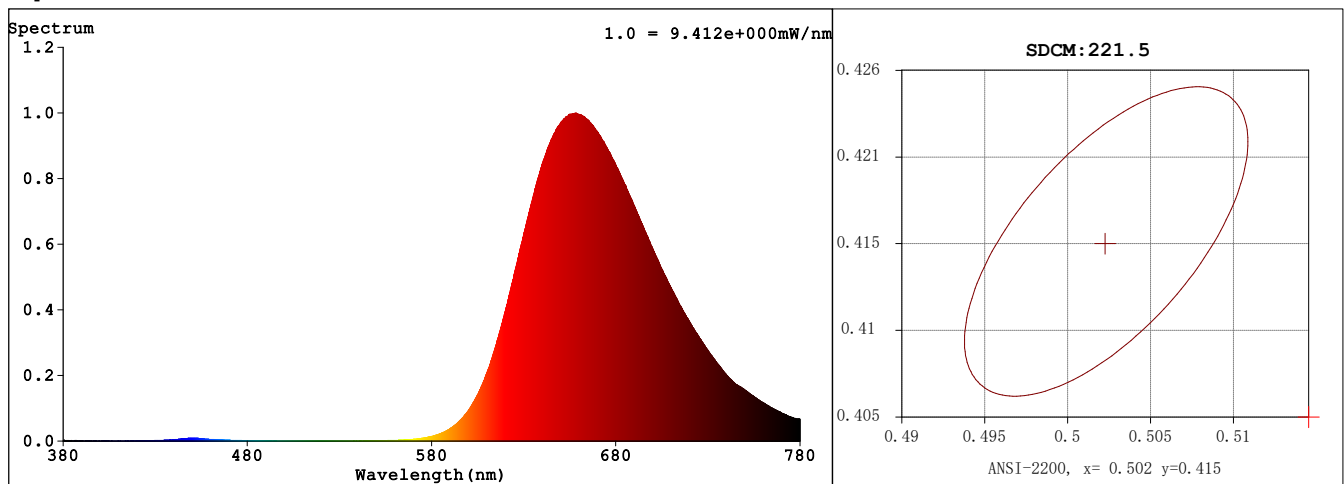
Date : 2021-11-18 09:52:51
Sam. Status :
Standard :
Instrument : HaasSuite(EVERFINE)

Test Condition

Temperature : 25.3Deg
WL Range : 380nm-780nm
Test Mode : Fast Test

RH : 65.0%
IP : 54039 (82%)
T : 325 ms

Spectrum : High



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6891$ $y = 0.2979$ / $u' = 0.5304$ $v' = 0.5159$ ($duv = -8.32e-02$) $Dx, Dy: 0.0364, -0.0466$

CCT= 1001K Prcp WL: $L_d = 626.8\text{nm}$ Purity=96.1%

Peak WL: $L_p = 658\text{nm}$ FWHM: $= 82.7\text{nm}$ Ratio: R=91.7% G=8.1% B=0.1%

Render Index: $R_a = 39.7$ AvgR = 40.6 TM30: $R_f = 0$ $R_g = 0$

EEL: 1.30368 E Lowest

R1 =27 R2 =82 R3 =47 R4 =2 R5 =28 R6 =83 R7 =45

R8 =3 R9 =0 R10=84 R11=4 R12=81 R13=43 R14=67 R15=13

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 57.718 lm Eff. : 4.65 lm/W $F_e = 847.80\text{ mW}$

Flux of emitted photons($\mu\text{mol/s}$): 4.7509 Fluo. and blue light ratio: 327.8 Fluorescent eff.: 61.96

Electrical parameters

V = 120.02 V I = 0.1137 A P = 12.40 W PF = 0.9091 F=59.98 Hz