

Spectrum Test Report

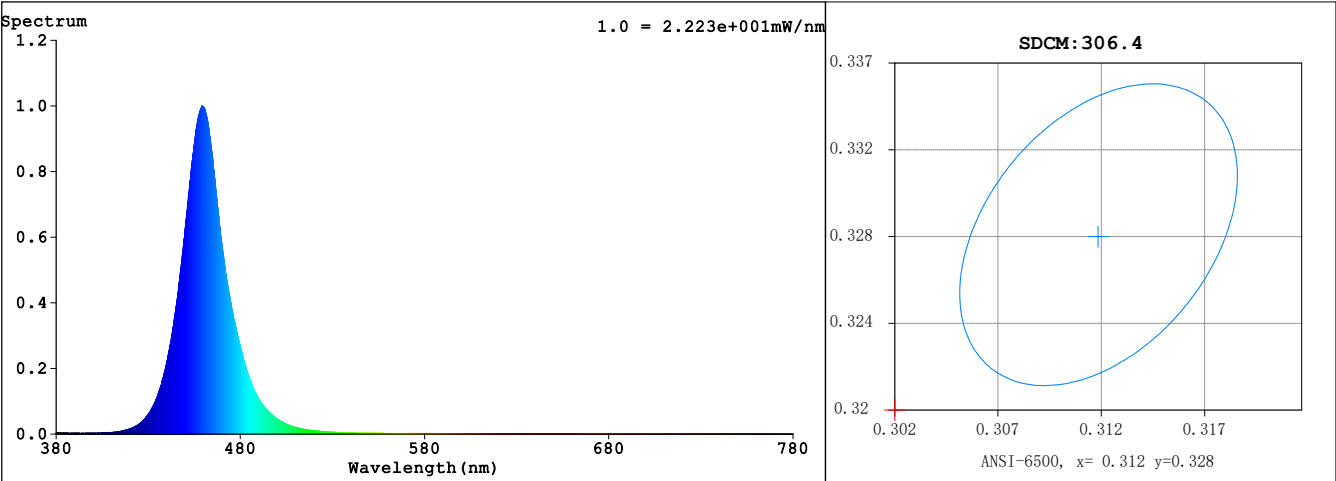
Sample Length : 4FT

Date : 2021-11-18 09:54:54
Sam. Status :
Standard :
Instrument :HaasSuite(EVERFINE)

Test Condition

Temperature : 25.3Deg
WL Range : 380nm-780nm
Test Mode : Fast Test
RH : 65.0%
IP : 52942 (81%)
T : 203 ms

Spectrum : High



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1423$ $y = 0.0482$ / $u' = 0.1728$ $v' = 0.1317$ ($duv = -1.78e-01$) $Dx, Dy: -0.1003, -0.1899$

CCT>=100000K Prcp WL: $L_d = 464.6nm$ Purity=96.9%

Peak WL: $L_p = 459nm$ FWHM: $= 24.3nm$ Ratio: $R = 0.7\%$ $G = 17.2\%$ $B = 82.2\%$

Render Index: $R_a = 0.7$ AvgR = 0.8 TM30: $R_f = 0$ $R_g = 88$

EEL: 1.54301 E Lowest

$R_1 = 0$ $R_2 = 0$ $R_3 = 0$ $R_4 = 0$ $R_5 = 6$ $R_6 = 0$ $R_7 = 0$
 $R_8 = 0$ $R_9 = 0$ $R_{10} = 0$ $R_{11} = 0$ $R_{12} = 0$ $R_{13} = 0$ $R_{14} = 0$ $R_{15} = 6$

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 38.404 lm Eff. : 3.39 lm/W $F_e = 661.55 mW$

Flux of emitted photons($\mu mol/s$):2.5525 Fluo. and blue light ratio:0.1228 Fluorescent eff.:5.763

Electrical parameters

$V = 120.02 V$ $I = 0.1047 A$ $P = 11.32 W$ PF = 0.9004 F=59.98 Hz