

Spectrum Test Report

Sample Length : 4FT

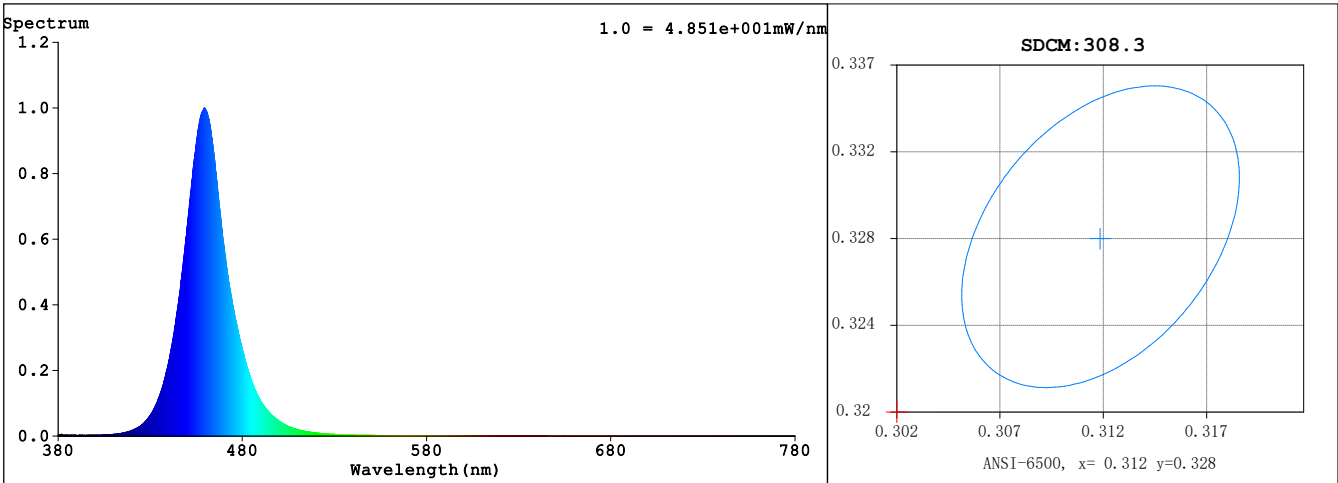
Date : 2021-11-18 09:49:31
Sam. Status :
Standard :
Instrument :HaasSuite(EVERFINE)

Test Condition

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

RH : 65.0%
IP : 54200 (83%)
T : 97 ms

Spectrum : High



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1423$ $y = 0.0473$ / $u' = 0.1733$ $v' = 0.1296$ ($duv=-1.80e-01$) $Dx,Dy:-0.1004,-0.1908$
CCT>=100000K Prcp WL: $L_d=464.5nm$ Purity=97.1%
Peak WL: $L_p=460nm$ FWHM: $=24.6nm$ Ratio: $R=0.5\%$ $G=16.2\%$ $B=83.3\%$
Render Index: $R_a = 0.4$ $AvgR = 0.5$ $TM30:R_f=0$ $R_g=77$
EEI: 0.95126 E Lowest
 $R1 = 0$ $R2 = 0$ $R3 = 0$ $R4 = 0$ $R5 = 4$ $R6 = 0$ $R7 = 0$
 $R8 = 0$ $R9 = 0$ $R10 = 0$ $R11 = 0$ $R12 = 0$ $R13 = 0$ $R14 = 0$ $R15 = 5$
LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 82.905 lm Eff. : 7.22 lm/W $F_e = 1.4533 W$
Flux of emitted photons($\mu mol/s$):5.6028 Fluo. and blue light ratio:0.1193 Fluorescent eff.:12.15

Electrical parameters

$V = 120.01 V$ $I = 0.1063 A$ $P = 11.49 W$ $PF = 0.9000$ $F=59.98 Hz$