

Spectrum Test Report

Sample Length : 1M

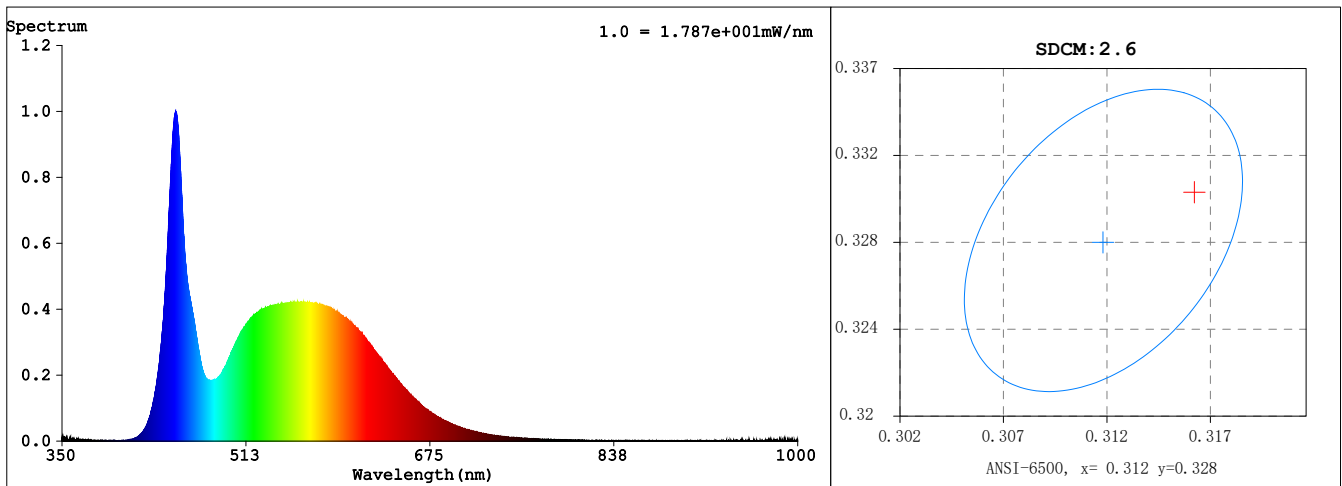
Date : 2022-12-12 10:03:12
Sam. Status :
Instrument : HAAS-2000(EVERFINE)

Test Condition

Temperature : 25.3 °C
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 54253 (83%)
T : 252 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3167$ $y = 0.3307$ / $u' = 0.2000$ $v' = 0.4698$ ($duv=2.07e-03$) $Dx, Dy: -0.0004, 0.0036$

CCT= 6280K Prcp WL: $L_d=489.7nm$ Purity=5.8%

Peak WL: $L_p=450nm$ FWHM: $=18.5nm$ Ratio: $R=13.8\%$ $G=81.1\%$ $B=5.2\%$

Render Index: $R_a = 82.7$ $AvgR = 75.3$ $TM30: R_f=82$ $R_g=95$

$R1 = 81$ $R2 = 87$ $R3 = 89$ $R4 = 83$ $R5 = 82$ $R6 = 81$ $R7 = 88$

$R8 = 71$ $R9 = 10$ $R10 = 67$ $R11 = 82$ $R12 = 55$ $R13 = 83$ $R14 = 94$ $R15 = 77$

LEVEL:OUT WHITE:ANSI_6500K

Photometric & Radiometric Parameters

Flux = 487.59 lm Eff. : 32.85 lm/W $Fe = 1.5722 W$

(EQE):469.46%

Electrical parameters

$V = 120.1 V$ $I = 0.1462 A$ $P = 14.84 W$ $PF = 0.8454$

Freq=59.98 Hz