

Spectrum Test Report

Sample : LS24M150NW1
 Specification : 3528 24V 120LED 4000K IP65 0.5M
 Sample No. :
 Manufacturer :
 Assessor : GaoYiFei
 Remark : 0.5M
 Device SN : HS-2000

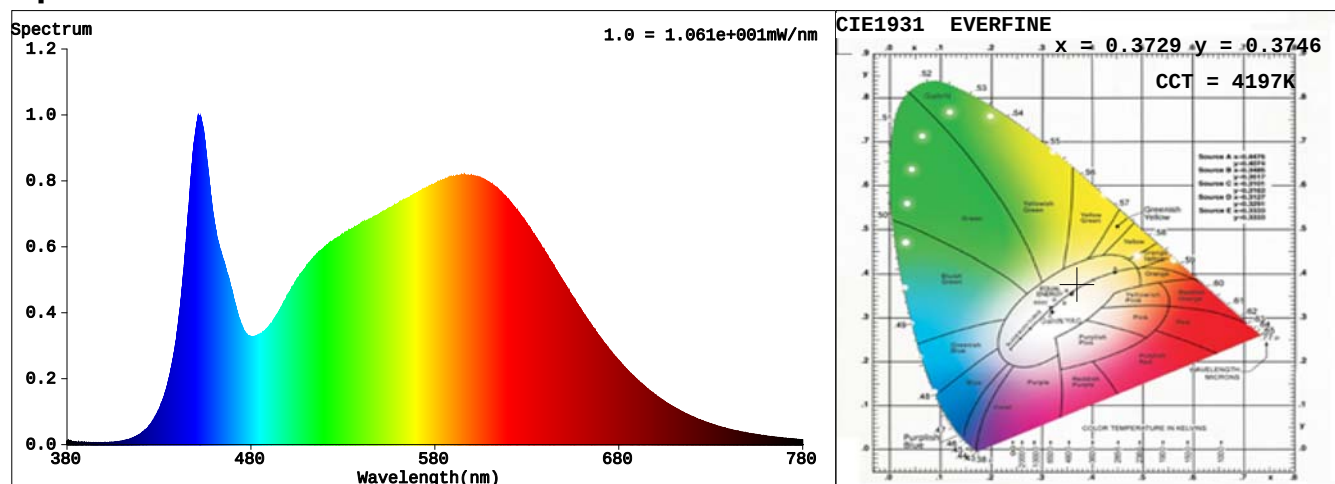
Date : 2021-09-06 09:52:07
 : First sample test
 Standard :
 Instrument : HaasSuite(EVERFINE)
 Test by : Sun Ren Fang

Test Condition

Temprature : 25Deg
 WL Range : 380nm-780nm
 Test Mode : Fast Test
 Sensitivity : High

RH : 60.0%
 IP : 52027 (79%)
 T : 411 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3729$ $y = 0.3746$ / $u' = 0.2210$ $v' = 0.4995$ ($duv=1.27e-03$) $Dx, Dy: 0.0007, 0.0032$
 CCT= 4197K Prcp WL: $L_d=577.5nm$ Purity=24.3%
 Peak WL: $L_p=451nm$ FWHM: $=25.2nm$ Ratio: R=18.2% G=77.6% B=4.2%
 Render Index: $R_a = 87.0$ CRI = 81.5 TM30: $R_f=87$ $R_g=96$

EEL: 0.10911 A++ Highest

R1 =86 R2 =92 R3 =96 R4 =85 R5 =85 R6 =89 R7 =89
 R8 =73 R9 =30 R10=81 R11=85 R12=64 R13=88 R14=98 R15=81
 LEVEL:OUT

Photometric & Radiometric Parameters

Flux = 529.05 lm Eff. : 105.03 lm/W $F_e = 1.6755 W$

Electrical parameters

V = 24.00 V I = 0.2099 A P = 5.037 W PF = 1.000 F=0.00 Hz