

Spectrum Test Report

Sample :
Specification : PL 595936NWC
Sample No. : 173
Manufacturer : JT

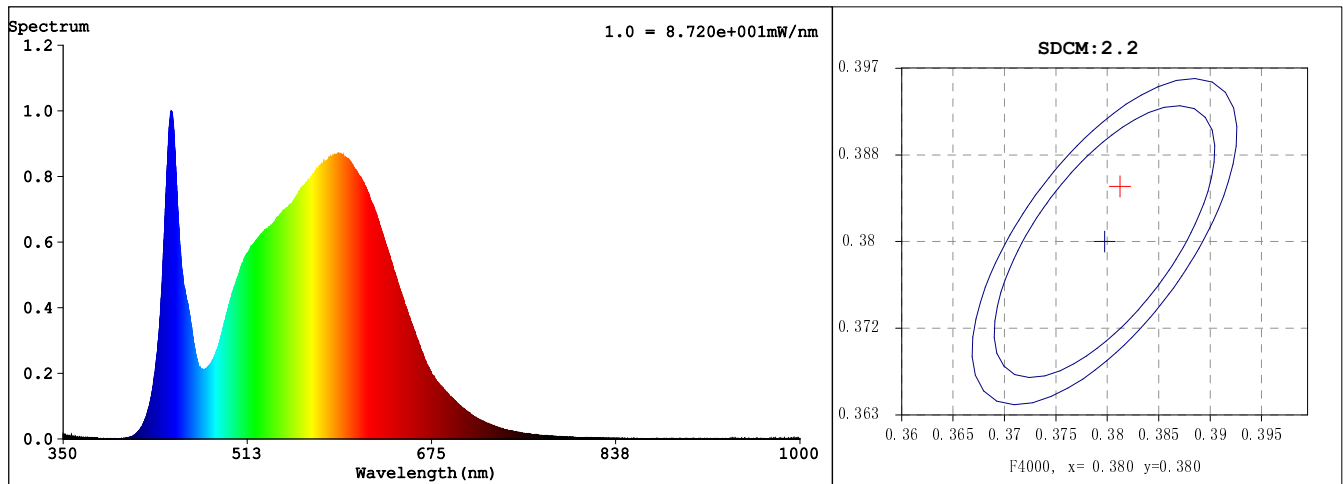
Date : 2022-03-27 18:56:50
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : ZH
Assessor : damin

Test Condition

Temperature : 25.3Deg
WL Range : 350nm-1000nm
Test Mode : Accuracy Test

RH : 65.0%
IP : 51281 (78%)
T : 117 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3815$ $y = 0.3854$ / $u' = 0.2224$ $v' = 0.5055$ ($duv=3.68e-03$)

CCT= 4033K Prcp WL: $L_d=577.1nm$ Purity=30.2%

Peak WL: $L_p=445nm$ FWHM: $=17.8nm$ Ratio:R=17.8% G=78.9% B=3.3%

Render Index: $R_a = 81.4$

R1 =79 R2 =86 R3 =93 R4 =82 R5 =80 R6 =82 R7 =86
R8 =63 R9 =1 R10=69 R11=81 R12=63 R13=80 R14=96 R15=72

Photometric & Radiometric Parameters

Flux = 4424.0 lm Eff. : 120.93 lm/W $Fe = 13.147 W$
(EQE):3420.5%

Electrical parameters

V = 221.0 V I = 0.1740 A P = 36.58 W PF = 0.9513
 $K_{disp}(IEC) = 0.9620$ Freq=49.99 Hz