

Spectrum Test Report

Sample :
Specification : S005120BB1LZ 6500±400K
Sample No. : 10101-0658-00
Manufacturer : iPixel LED

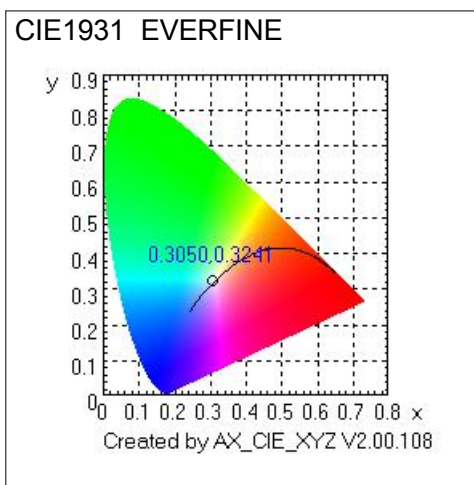
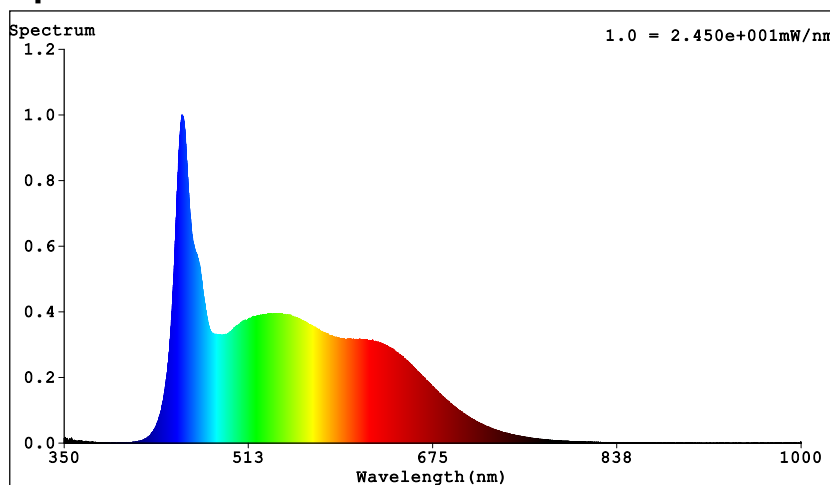
Date : 2023-12-06
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : DINGNANJUAN

Test Condition

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

RH : 65.0%
IP : 49951 (76%)
T : 268 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3050$ $y = 0.3241$ / $u' = 0.1943$ $v' = 0.4645$ ($duv=4.67e-03$)

CCT= 6991K Prpc WL: $L_d=487.4nm$ Purity=10.3%

Peak WL: $L_p=454nm$ FWHM: $=24.3nm$ Ratio:R=14.8% G=77.6% B=7.6%

Render Index: $R_a = 93.9$ TM30:Rf=90 Rg=97

R1 =96 R2 =99 R3 =98 R4 =89 R5 =92 R6 =95 R7 =92

R8 =90 R9 =87 R10=98 R11=92 R12=64 R13=98 R14=99 R15=92

LEVEL:OUT

TLCI Parameters: TLCI = 94.4

Photometric & Radiometric Parameters

Flux = 638.80 lm Eff. : 104.39 lm/W $Fe = 2.3303 W$

EEL: 0.11429 A+

EEC: 104.4 F

Electrical parameters

V = 12.00 V I = 0.5100 A P = 6.119 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>