

Spectrum Test Report

Sample :
Specification : B010130BB1LZ 3000±300K
Sample No. : 10201-0302-00
Manufacturer : iPixel LED

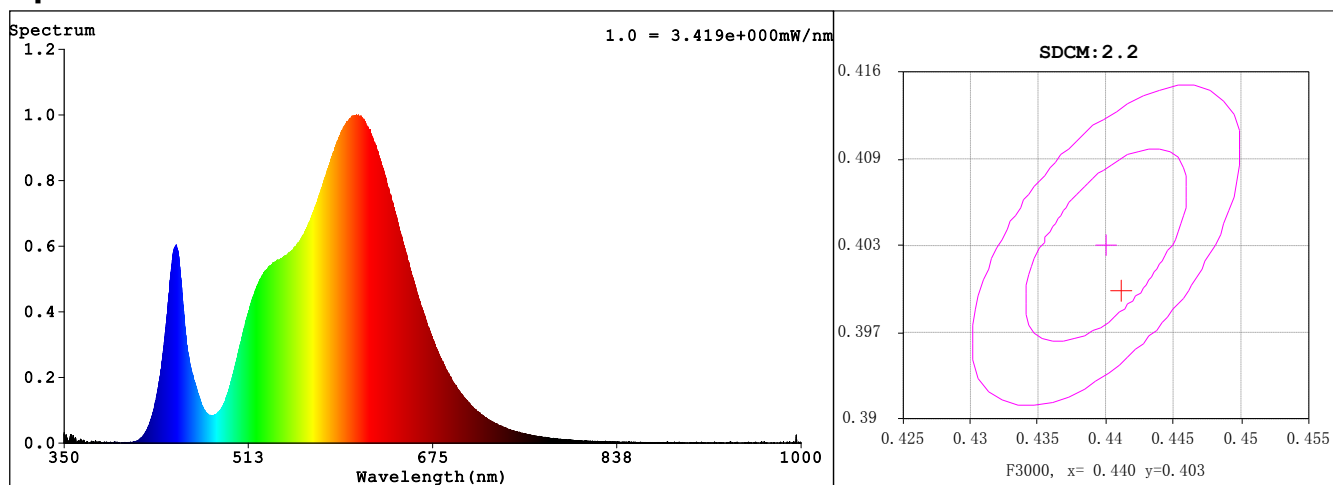
Date : 2025-11-10
Sam. Status : 1163×10×9MM
Instrument : HAAS-2000(EVERFINE)
Test by : DNJ

Test Condition

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

RH : 65.0%
IP : 55585 (85%)
T : 2000 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4411$ $y = 0.3997$ / $u' = 0.2552$ $v' = 0.5203$ ($duv = -2.29e-03$)

CCT= 2895K Prpc WL: $L_d = 584.1nm$ Purity=52.4%

Peak WL: $L_p = 609nm$ FWHM: $= 134.9nm$ Ratio: $R = 24.1\%$ $G = 74.2\%$ $B = 1.7\%$

Render Index: $R_a = 83.0$ TM30: $R_f = 81$ $R_g = 101$

$R_1 = 83$ $R_2 = 89$ $R_3 = 94$ $R_4 = 83$ $R_5 = 82$ $R_6 = 86$ $R_7 = 84$

$R_8 = 62$ $R_9 = 13$ $R_{10} = 74$ $R_{11} = 84$ $R_{12} = 67$ $R_{13} = 84$ $R_{14} = 96$ $R_{15} = 76$

LEVEL:OUT

TLCI Parameters: TLCI = 59.1

Photometric & Radiometric Parameters

Flux = 160.80 lm Eff. : 22.68 lm/W $F_e = 494.14 mW$

EEI: 0.37242 B

EEC: 22.7 G

Electrical parameters

$V = 12.00 V$ $I = 0.5909 A$ $P = 7.090 W$ PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>