

Spectrum Test Report

Sample :
Specification : S008120BB1LZ 4000±300K
Sample No. : 10101-0572-00
Manufacturer : iPixel LED

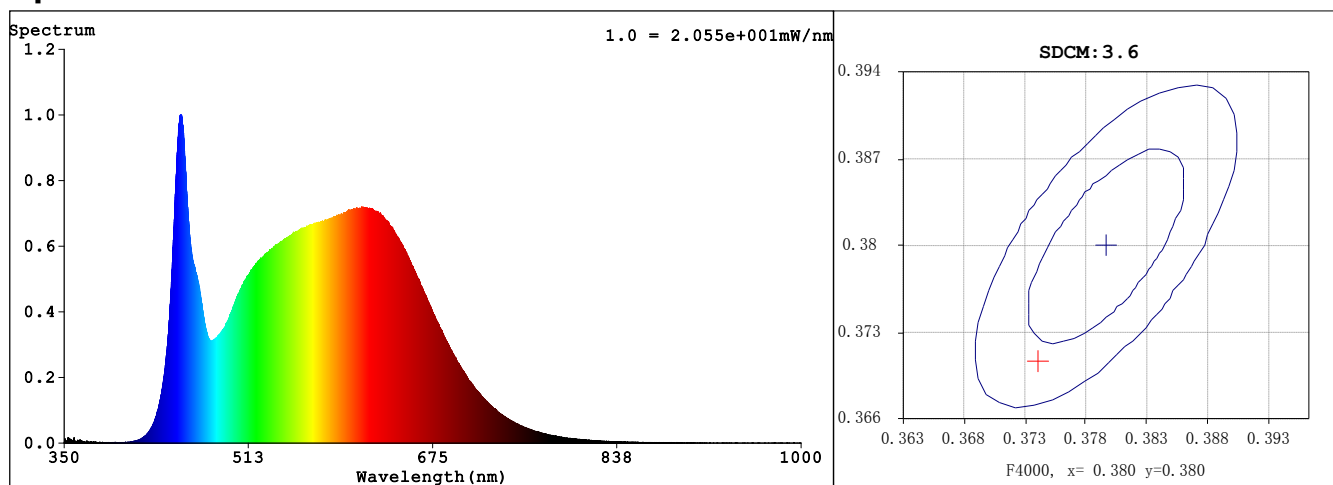
Date : 2025-07-12
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LZN

Test Condition

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

RH : 65.0%
IP : 45241 (69%)
T : 349 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3744$ $y = 0.3705$ / $u' = 0.2236$ $v' = 0.4979$ ($duv = -1.14e-03$)

CCT= 4122K Prcp WL: $L_d = 579.3nm$ Purity=23.6%

Peak WL: $L_p = 453nm$ FWHM: $= 22.8nm$ Ratio: R=19.5% G=76.1% B=4.4%

Render Index: $R_a = 93.2$ TM30: $R_f = 91$ $R_g = 99$

R1 =94 R2 =97 R3 =96 R4 =92 R5 =92 R6 =93 R7 =94

R8 =87 R9 =69 R10=90 R11=92 R12=69 R13=95 R14=98 R15=92

LEVEL:OUT

TLCI Parameters: TLCI = 92.7

Photometric & Radiometric Parameters

Flux = 928.18 lm Eff. : 95.08 lm/W $Fe = 3.2155 W$

EEI: 0.13504 A+

EEC: 95.1 F

Electrical parameters

V = 12.00 V I = 0.8136 A P = 9.762 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>