

Spectrum Test Report

Sample :
Specification : S012120BC1HZ 6500±400K
Sample No. : 10101-0687-00
Manufacturer : iPixel LED

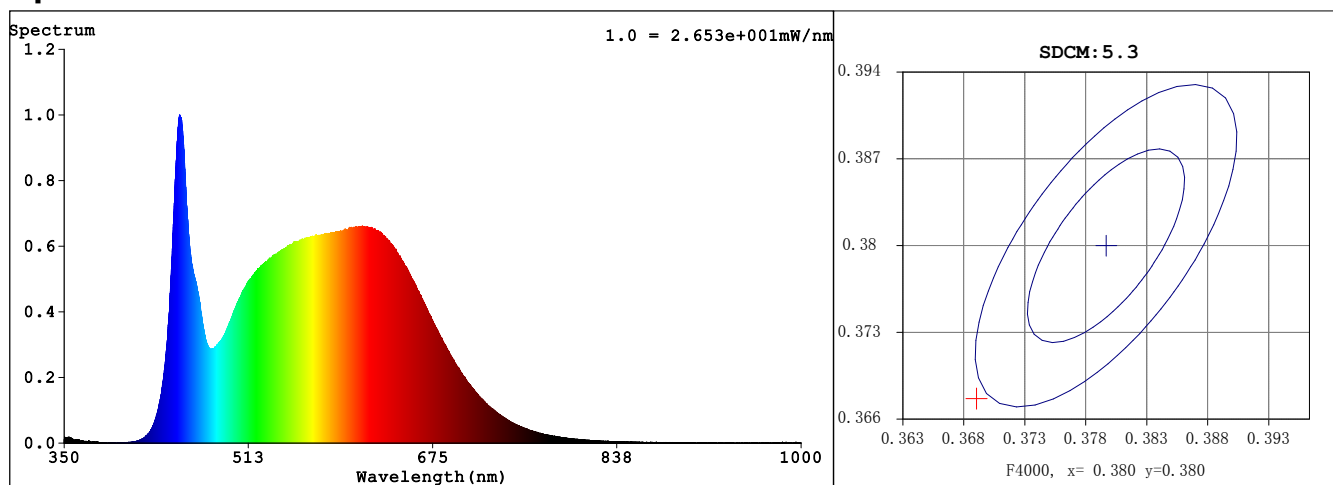
Date : 2024-02-27
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : DINGNANJUAN

Test Condition

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

RH : 65.0%
IP : 49044 (75%)
T : 268 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3694$ $y = 0.3675$ / $u' = 0.2215$ $v' = 0.4958$ ($duv = -1.02e-03$)

CCT= 4252K Prpc WL: $L_d = 578.7\text{nm}$ Purity=21.1%

Peak WL: $L_p = 452\text{nm}$ FWHM: =21.1nm Ratio:R=19.0% G=76.6% B=4.4%

Render Index: $R_a = 92.8$ TM30:Rf=90 Rg=99

R1 =93 R2 =96 R3 =95 R4 =92 R5 =92 R6 =91 R7 =95

R8 =88 R9 =69 R10=88 R11=92 R12=67 R13=94 R14=97 R15=92

LEVEL:OUT

TLCI Parameters: TLCI = 92.4

Photometric & Radiometric Parameters

Flux = 1129.5 lm Eff. : 100.91 lm/W Fe = 3.9188 W

EEL: 0.13180 A+

EEC: 100.9 F

Electrical parameters

V = 24.00 V I = 0.4664 A P = 11.19 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>