

Spectrum Test Report

Sample :
Specification : S004432UC2PZ 3000±300K
Sample No. : 10102-0134-00
Manufacturer : iPixel LED

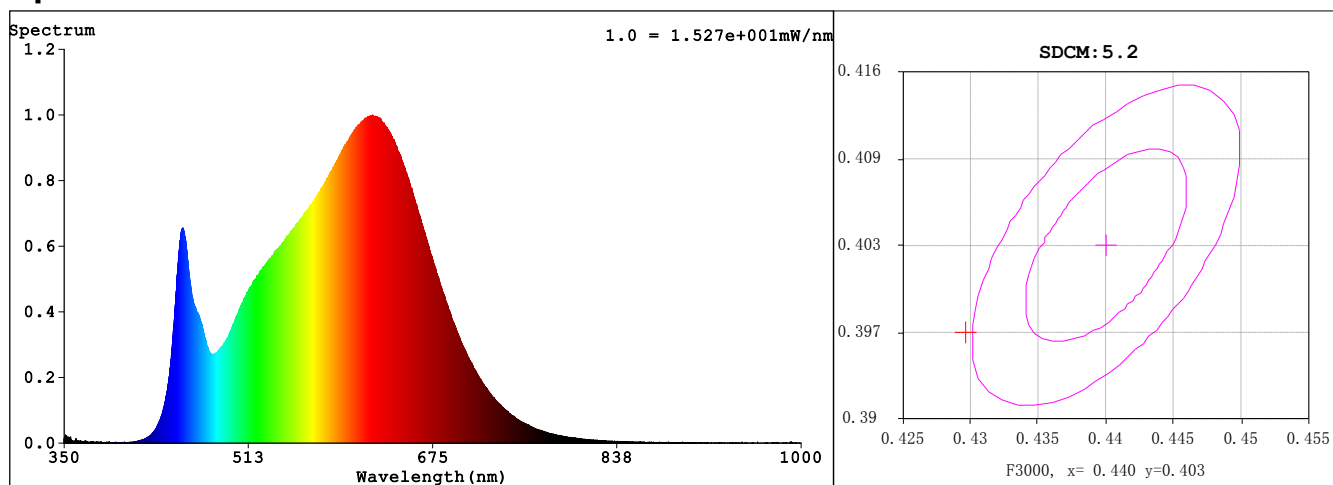
Date : 2026-06-30
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : WXX

Test Condition

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

RH : 65.0%
IP : 47463 (72%)
T : 413 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.4296 y = 0.3966 / u' = 0.2491 v' = 0.5173 (duv=-1.99e-03)

CCT= 3065K Prpc WL: Ld=583.3nm Purity=48.0%

Peak WL: Lp=622nm FWHM: =161.2nm Ratio:R=24.1% G=72.7% B=3.2%

Render Index: Ra = 93.6 TM30:Rf=91 Rg=100

R1 =95 R2 =98 R3 =98 R4 =93 R5 =94 R6 =96 R7 =92

R8 =84 R9 =65 R10=94 R11=93 R12=79 R13=96 R14=99 R15=91

LEVEL:OUT

TLCI Parameters: TLCI = 92.8

Photometric & Radiometric Parameters

Flux = 765.27 lm Eff. : 82.59 lm/W Fe = 2.6724 W

EEL: 0.14983 A+

EEC: 82.6 G

Electrical parameters

V = 24.00 V I = 0.3861 A P = 9.266 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S004432UC2PZ 6500±500K
Sample No. : 10102-0134-00
Manufacturer : iPixel LED

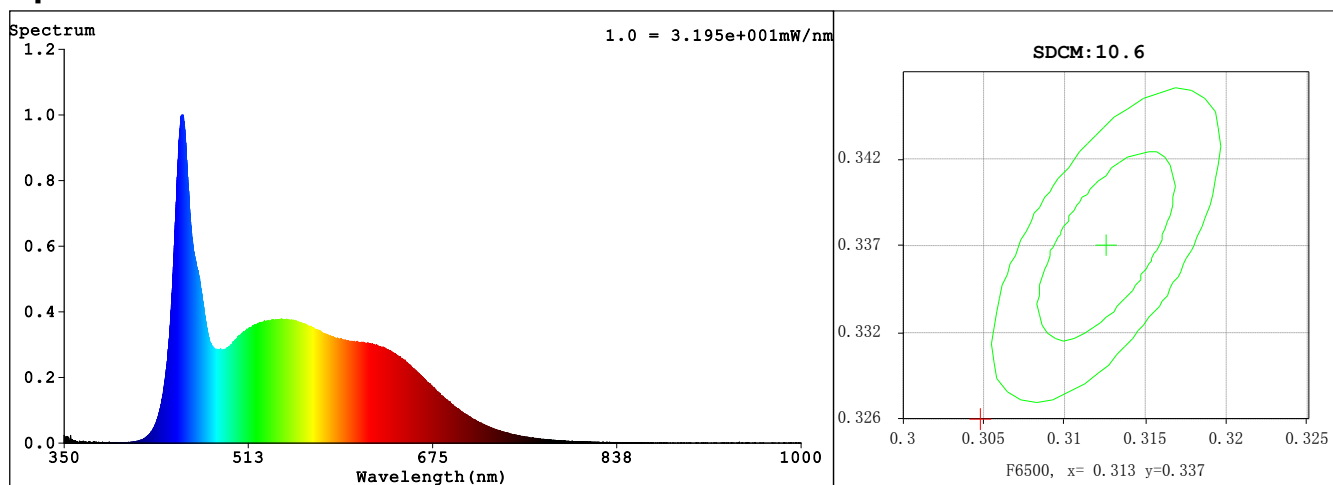
Date : 2026-06-30
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : WXX

Test Condition

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

RH : 65.0%
IP : 38807 (59%)
T : 206 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3052$ $y = 0.3166$ / $u' = 0.1973$ $v' = 0.4604$ ($duv=6.69e-04$)

CCT= 7073K Prpc WL: $L_d=483.6nm$ Purity=10.9%

Peak WL: $L_p=454nm$ FWHM: $=23.5nm$ Ratio:R=15.0% G=77.8% B=7.3%

Render Index: $R_a = 94.1$ TM30:Rf=90 Rg=98

R1 =96 R2 =99 R3 =97 R4 =91 R5 =92 R6 =92 R7 =94

R8 =92 R9 =89 R10=96 R11=93 R12=63 R13=99 R14=98 R15=94

LEVEL:OUT

TLCI Parameters: TLCI = 92.7

Photometric & Radiometric Parameters

Flux = 801.25 lm Eff. : 86.81 lm/W $Fe = 2.9557 W$

EEI: 0.14383 A+

EEC: 86.8 F

Electrical parameters

V = 24.00 V I = 0.3846 A P = 9.230 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

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