

Spectrum Test Report

Sample :
Specification : N008232XC1LZ 3500±300K
Sample No. : 10301-1218-00
Manufacturer : iPixel LED

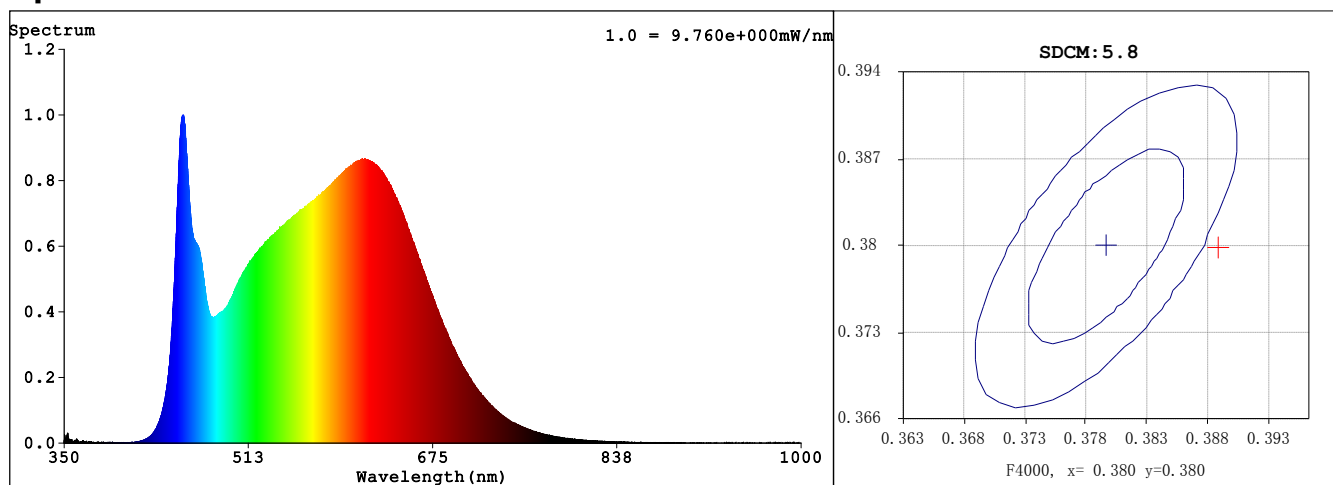
Date : 2025-09-08
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : WHL

Test Condition

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

RH : 65.0%
IP : 53351 (81%)
T : 772 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.3892 y = 0.3798 / u' = 0.2296 v' = 0.5042 (duv=-1.00e-03)

CCT= 3793K Prpc WL: Ld=580.3nm Purity=30.8%

Peak WL: Lp=455nm FWHM: =25.8nm Ratio:R=20.7% G=74.8% B=4.4%

Render Index: Ra = 93.5 TM30:Rf=90 Rg=98

R1 =95 R2 =99 R3 =98 R4 =91 R5 =93 R6 =95 R7 =91

R8 =85 R9 =68 R10=96 R11=92 R12=71 R13=97 R14=100 R15=92

LEVEL:OUT

TLCI Parameters: TLCI = 92.5

Photometric & Radiometric Parameters

Flux = 493.17 lm Eff. : 64.44 lm/W Fe = 1.6841 W

EEI: 0.17509 A

EEC: 64.4 G

Electrical parameters

V = 24.00 V I = 0.3189 A P = 7.653 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : N006432UC2PZ 5700±450K
Sample No. : 10302-0020-00
Manufacturer : iPixel LED

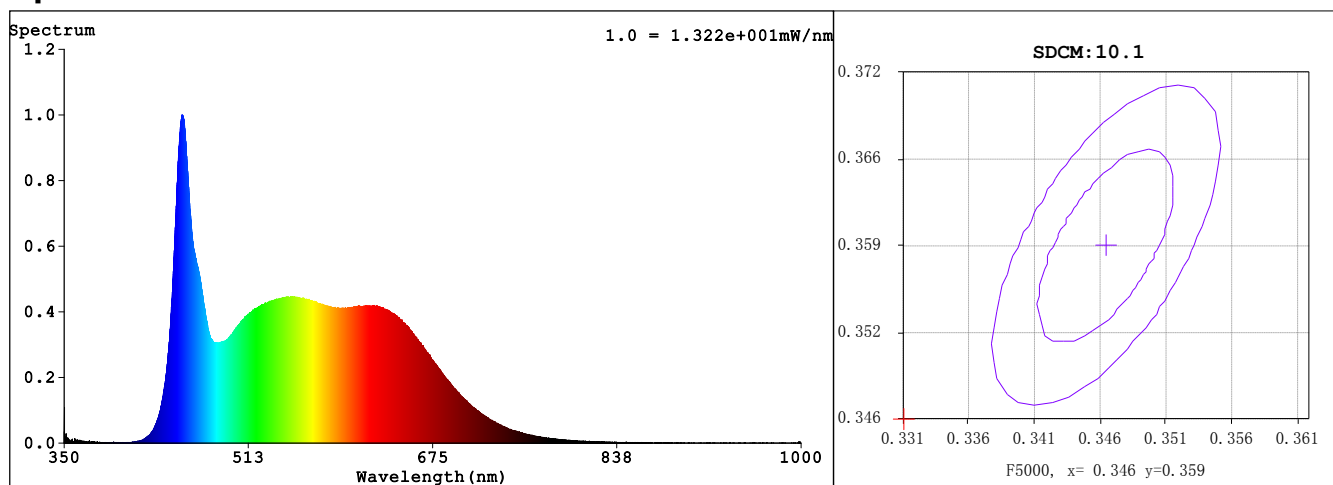
Date : 2025-10-29
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : WHL

Test Condition

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

RH : 65.0%
IP : 40774 (62%)
T : 494 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3306$ $y = 0.3363$ / $u' = 0.2075$ $v' = 0.4748$ ($duv = -1.65e-03$)

CCT= 5582K Prpc WL: Ld=506.9nm Purity=0.8%

Peak WL: Lp=454nm FWHM: =23.9nm Ratio:R=17.0% G=76.8% B=6.3%

Render Index: Ra = 95.5 TM30:Rf=91 Rg=101

R1 =97 R2 =98 R3 =97 R4 =94 R5 =95 R6 =93 R7 =95

R8 =95 R9 =94 R10=97 R11=96 R12=69 R13=99 R14=98 R15=96

LEVEL:OUT

TLCI Parameters: TLCI = 94.7

Photometric & Radiometric Parameters

Flux = 403.06 lm Eff. : 44.19 lm/W Fe = 1.4730 W

EEL: 0.24378 B

EEC: 44.2 G

Electrical parameters

V = 24.00 V I = 0.3801 A P = 9.122 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : N006432UC2PZ 2500±250K
Sample No. : 10302-0020-00
Manufacturer : iPixel LED

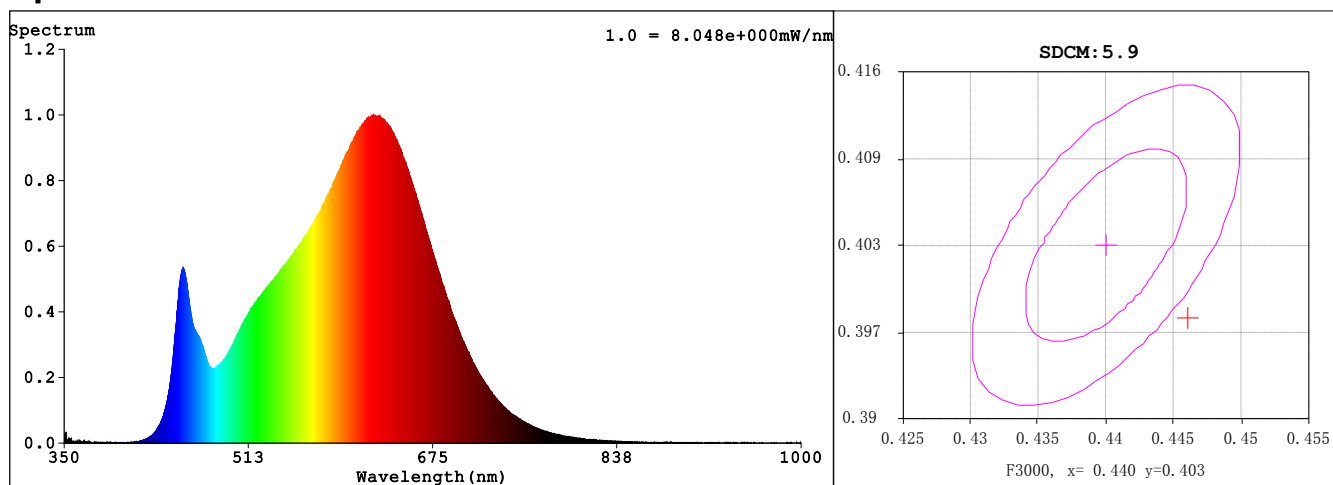
Date : 2025-10-29
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : WHL

Test Condition

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

RH : 65.0%
IP : 52269 (80%)
T : 832 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.4460 y = 0.3977 / u' = 0.2593 v' = 0.5202 (duv=-3.63e-03)

CCT= 2800K Prpc WL: Ld=585.0nm Purity=53.2%

Peak WL: Lp=623nm FWHM: =147.0nm Ratio:R=26.1% G=71.0% B=2.9%

Render Index: Ra = 93.8 TM30:Rf=91 Rg=101

R1 =96 R2 =99 R3 =97 R4 =93 R5 =95 R6 =96 R7 =90

R8 =83 R9 =67 R10=97 R11=94 R12=83 R13=97 R14=100 R15=92

LEVEL:OUT

TLCI Parameters: TLCI = 92.3

Photometric & Radiometric Parameters

Flux = 371.05 lm Eff. : 40.48 lm/W Fe = 1.3373 W

EEL: 0.26093 B

EEC: 40.5 G

Electrical parameters

V = 24.00 V I = 0.3820 A P = 9.167 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>