

Spectrum Test Report

Sample :
Specification : S005576ZB2PZ (2W)2700
Sample No. : 10106-0507-00
Manufacturer : iPixel LED

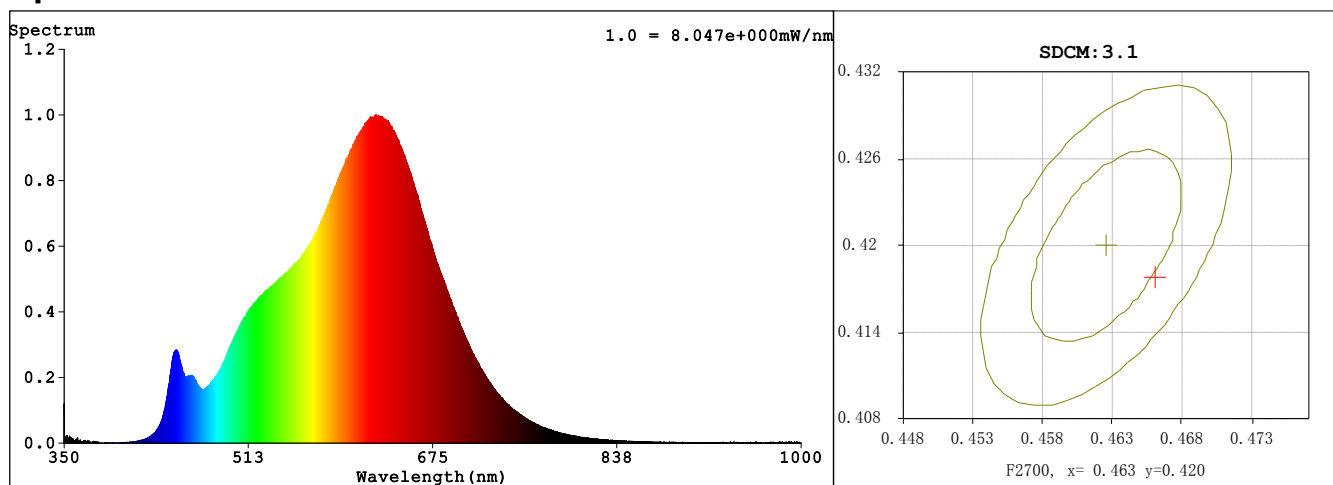
Date : 2024-06-03
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LEIXIAOLAN

Test Condition

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

RH : 65.0%
IP : 50064 (76%)
T : 694 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4665$ $y = 0.4177$ / $u' = 0.2636$ $v' = 0.5310$ ($duv=2.07e-03$)

CCT= 2664K Prpc WL: $L_d=583.8nm$ Purity=65.4%

Peak WL: $L_p=625nm$ FWHM: $=144.3nm$ Ratio: $R=27.0\%$ $G=70.6\%$ $B=2.4\%$

Render Index: $R_a = 95.3$ TM30: $R_f=94$ $R_g=98$

$R_1=96$ $R_2=98$ $R_3=100$ $R_4=97$ $R_5=96$ $R_6=99$ $R_7=93$

$R_8=84$ $R_9=65$ $R_{10}=95$ $R_{11}=100$ $R_{12}=90$ $R_{13}=96$ $R_{14}=99$ $R_{15}=90$

LEVEL:OUT

TLCI Parameters: TLCI = 93.4

Photometric & Radiometric Parameters

Flux = 357.59 lm Eff. : 60.07 lm/W $Fe = 1.2971 W$

EEL: 0.17425 A

EEC: 60.1 G

Electrical parameters

$V = 12.00 V$ $I = 0.4961 A$ $P = 5.953 W$ PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S005576ZB2PZ (2W) 6500k
Sample No. : 10106-0507-00
Manufacturer : iPixel LED

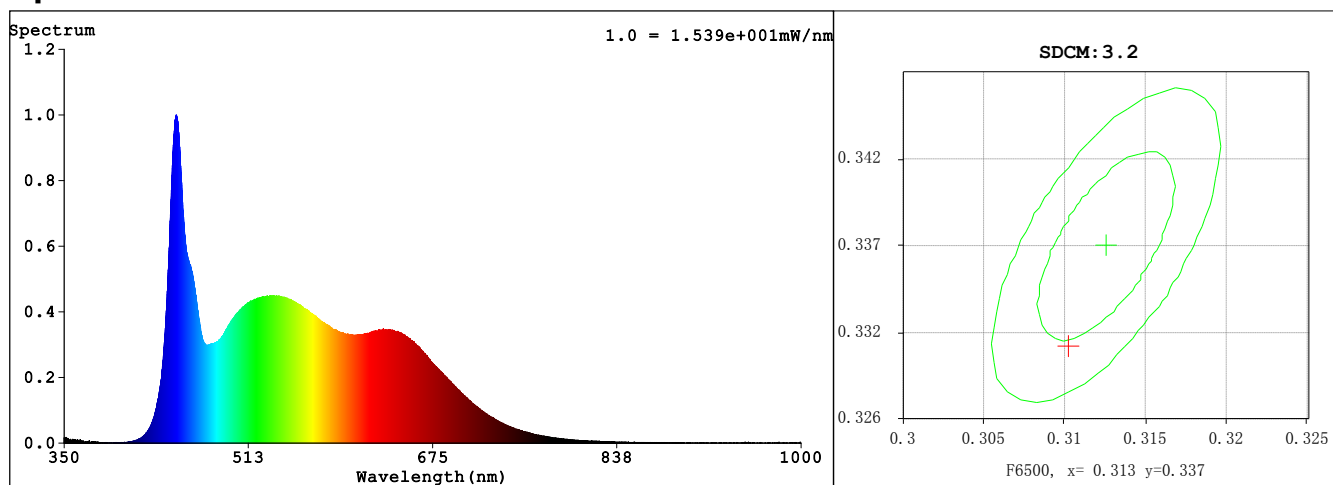
Date : 2024-06-03
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LEIXIAOLAN

Test Condition

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

RH : 65.0%
IP : 48380 (74%)
T : 460 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3107$ $y = 0.3308$ / $u' = 0.1958$ $v' = 0.4690$ ($duv=5.13e-03$)

CCT= 6601K Prpc WL: $L_d=490.3nm$ Purity=7.8%

Peak WL: $L_p=449nm$ FWHM: $=22.4nm$ Ratio:R=14.9% G=78.6% B=6.5%

Render Index: $R_a = 95.0$ TM30:Rf=93 Rg=100

R1 =95 R2 =95 R3 =93 R4 =95 R5 =94 R6 =91 R7 =98

R8 =98 R9 =94 R10=87 R11=94 R12=69 R13=95 R14=96 R15=95

LEVEL:OUT

TLCI Parameters: TLCI = 97.9

Photometric & Radiometric Parameters

Flux = 440.82 lm Eff. : 73.39 lm/W $Fe = 1.6553 W$

EEI: 0.14988 A+

EEC: 73.4 G

Electrical parameters

V = 12.00 V I = 0.5006 A P = 6.007 W PF = 1.000

Freq=0.00 Hz

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Spectrum Test Report

Sample :
Specification : S010640ZC2PZ 6500±400K
Sample No. : 10106-0522-00
Manufacturer : iPixel LED

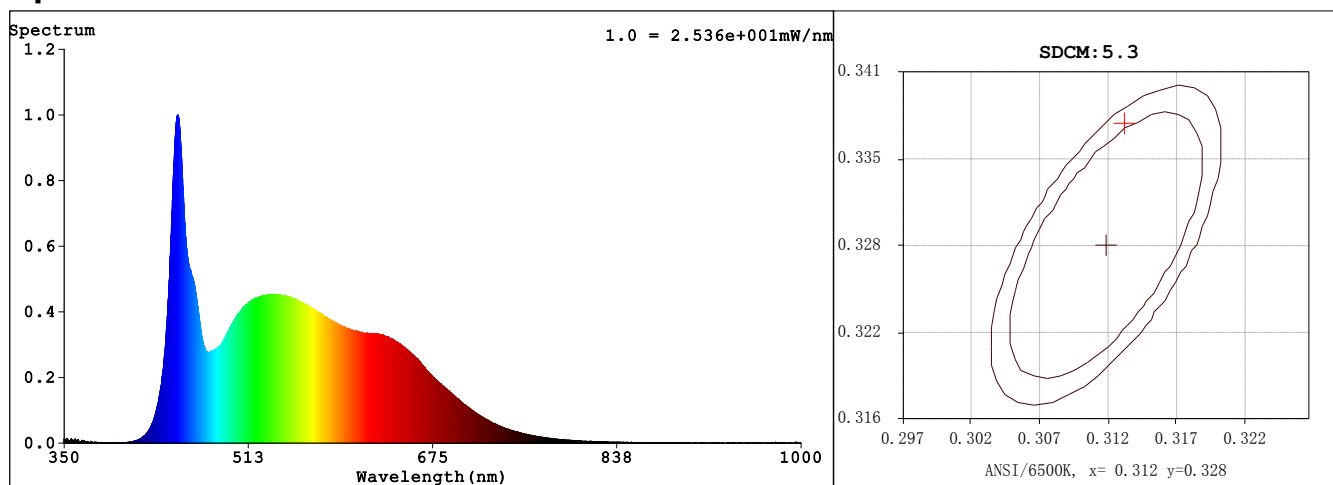
Date : 2024-06-25
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LEIXIAOLAN

Test Condition

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

RH : 65.0%
IP : 49676 (76%)
T : 281 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3136$ $y = 0.3371$ / $u' = 0.1955$ $v' = 0.4727$ ($duv=6.86e-03$)

CCT= 6398K Prpc WL: $L_d=494.2nm$ Purity=6.4%

Peak WL: $L_p=450nm$ FWHM: $=21.1nm$ Ratio:R=14.4% G=79.4% B=6.2%

Render Index: $R_a = 91.6$ TM30:Rf=91 Rg=98

R1 =91 R2 =93 R3 =93 R4 =91 R5 =90 R6 =89 R7 =97

R8 =90 R9 =68 R10=83 R11=90 R12=65 R13=91 R14=97 R15=89

LEVEL:OUT

TLCI Parameters: TLCI = 96.3

Photometric & Radiometric Parameters

Flux = 738.50 lm Eff. : 97.72 lm/W $Fe = 2.6392 W$

EEL: 0.12574 A+

EEC: 97.7 F

Electrical parameters

V = 24.00 V I = 0.3149 A P = 7.557 W PF = 1.000

Freq=0.00 Hz

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Spectrum Test Report

Sample :
Specification : S010640ZC2PZ 2600-2800K
Sample No. : 10106-0522-00
Manufacturer : iPixel LED

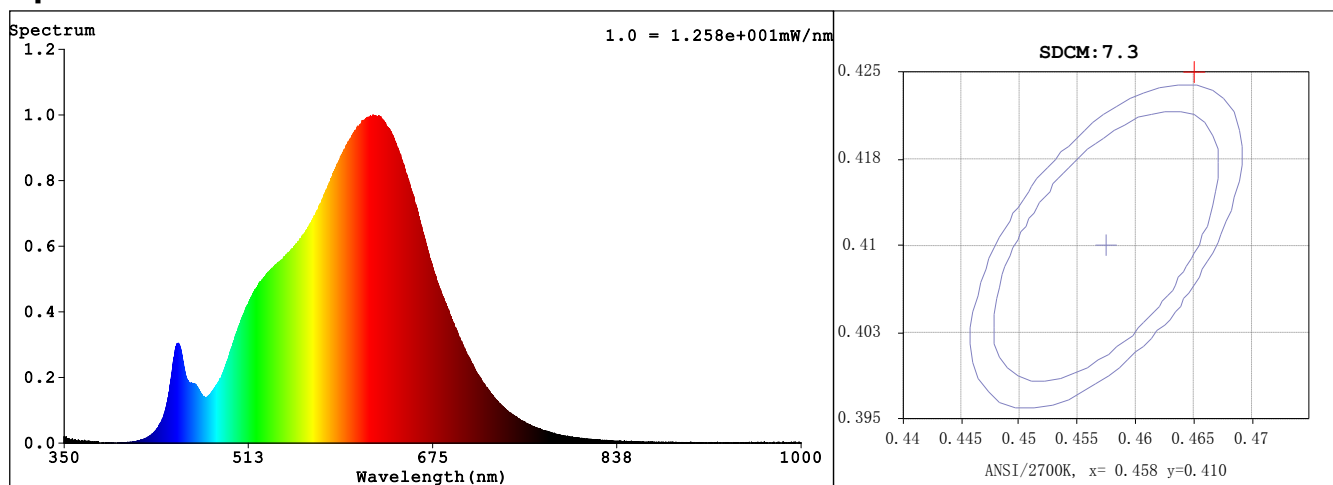
Date : 2024-06-25
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LEIXIAOLAN

Test Condition

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

RH : 65.0%
IP : 49911 (76%)
T : 432 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4654$ $y = 0.4271$ / $u' = 0.2588$ $v' = 0.5343$ ($duv=5.50e-03$)

CCT= 2749K Prpc WL: $L_d=582.3nm$ Purity=67.9%

Peak WL: $L_p=622nm$ FWHM: $=153.1nm$ Ratio:R=25.6% G=72.4% B=2.1%

Render Index: $R_a = 91.3$ TM30:Rf=92 Rg=95

R1 =91 R2 =94 R3 =96 R4 =93 R5 =90 R6 =93 R7 =93

R8 =80 R9 =51 R10=85 R11=95 R12=78 R13=91 R14=97 R15=85

LEVEL:OUT

TLCI Parameters: TLCI = 90.7

Photometric & Radiometric Parameters

Flux = 593.96 lm Eff. : 77.81 lm/W Fe = 2.0185 W

EEL: 0.15101 A+

EEC: 77.8 G

Electrical parameters

V = 24.00 V I = 0.3181 A P = 7.634 W PF = 1.000

Freq=0.00 Hz

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Spectrum Test Report

Sample :
Specification : S010640ZC2PZ Mixed
Sample No. : 10106-0522-00
Manufacturer : iPixel LED

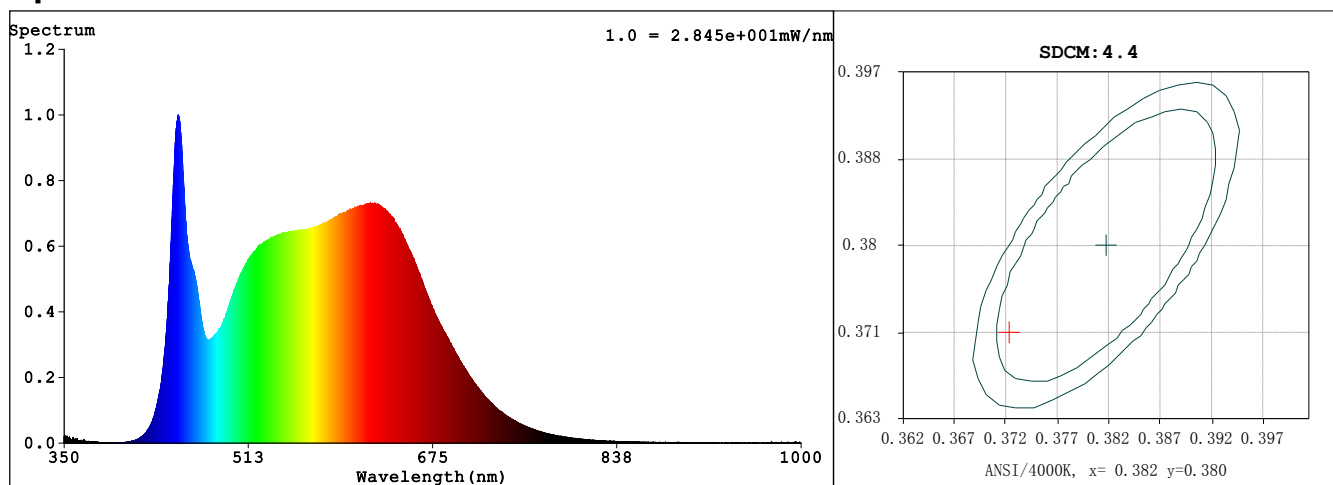
Date : 2024-06-25
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LEIXIAOLAN

Test Condition

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

RH : 65.0%
IP : 43303 (66%)
T : 216 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.3724 y = 0.3713 / u' = 0.2220 v' = 0.4979 (duv=-1.52e-04)

CCT= 4188K Prpc WL: Ld=578.4nm Purity=23.2%

Peak WL: Lp=451nm FWHM: =23.1nm Ratio:R=19.4% G=76.2% B=4.4%

Render Index: Ra = 95.0 TM30:Rf=93 Rg=100

R1 =96 R2 =97 R3 =96 R4 =96 R5 =95 R6 =94 R7 =96

R8 =91 R9 =78 R10=91 R11=96 R12=72 R13=96 R14=97 R15=94

LEVEL:OUT

TLCI Parameters: TLCI = 95.0

Photometric & Radiometric Parameters

Flux = 1312.2 lm Eff. : 86.48 lm/W Fe = 4.5984 W

EEL: 0.15752 A+

EEC: 86.5 F

Electrical parameters

V = 24.00 V I = 0.6323 A P = 15.17 W PF = 1.000

Freq=0.00 Hz

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Spectrum Test Report

Sample :
Specification : S008640ZC2PZ 6500K
Sample No. : 10106-0649-00
Manufacturer : iPixel LED

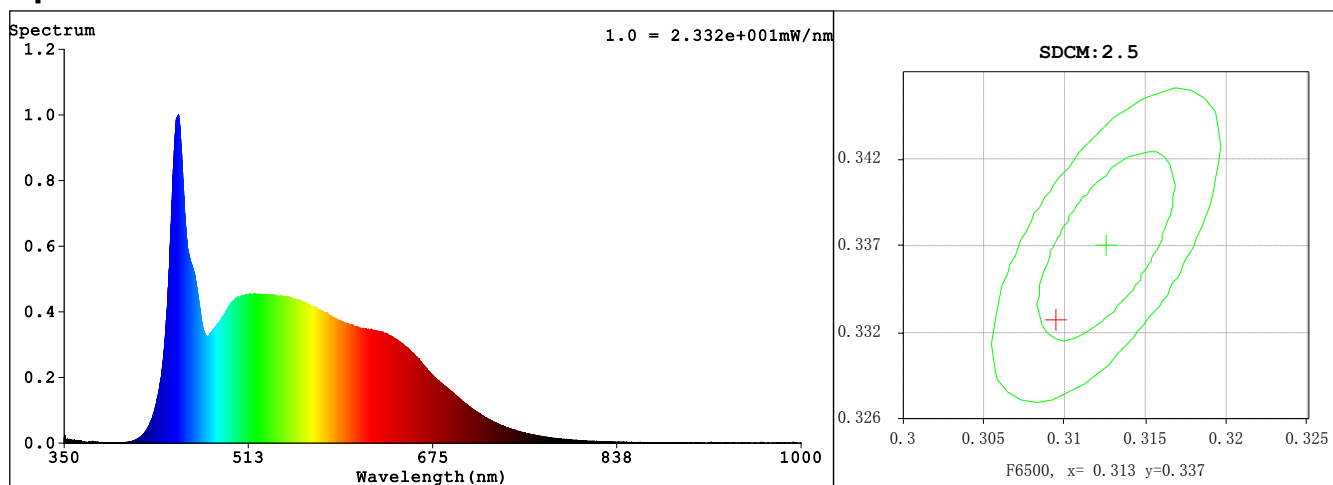
Date : 2024-10-21
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LEIXIAOLAN

Test Condition

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

RH : 65.0%
IP : 49735 (76%)
T : 314 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3099$ $y = 0.3324$ / $u' = 0.1946$ $v' = 0.4697$ ($duv=6.35e-03$)

CCT= 6629K Prpc WL: $L_d=491.2nm$ Purity=8.0%

Peak WL: $L_p=451nm$ FWHM: $=23.5nm$ Ratio:R=14.5% G=78.6% B=6.9%

Render Index: $R_a = 93.9$ TM30:Rf=93 Rg=98

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

R8 =91 R9 =74 R10=91 R11=93 R12=70 R13=94 R14=99 R15=91

LEVEL:OUT

TLCI Parameters: TLCI = 97.7

Photometric & Radiometric Parameters

Flux = 698.57 lm Eff. : 91.97 lm/W $Fe = 2.5480 W$

EEL: 0.13212 A+

EEC: 92.0 F

Electrical parameters

V = 24.00 V I = 0.3165 A P = 7.595 W PF = 1.000

Freq=0.00 Hz

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iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S008640ZC2PZ 2700K
Sample No. : 10106-0649-00
Manufacturer : iPixel LED

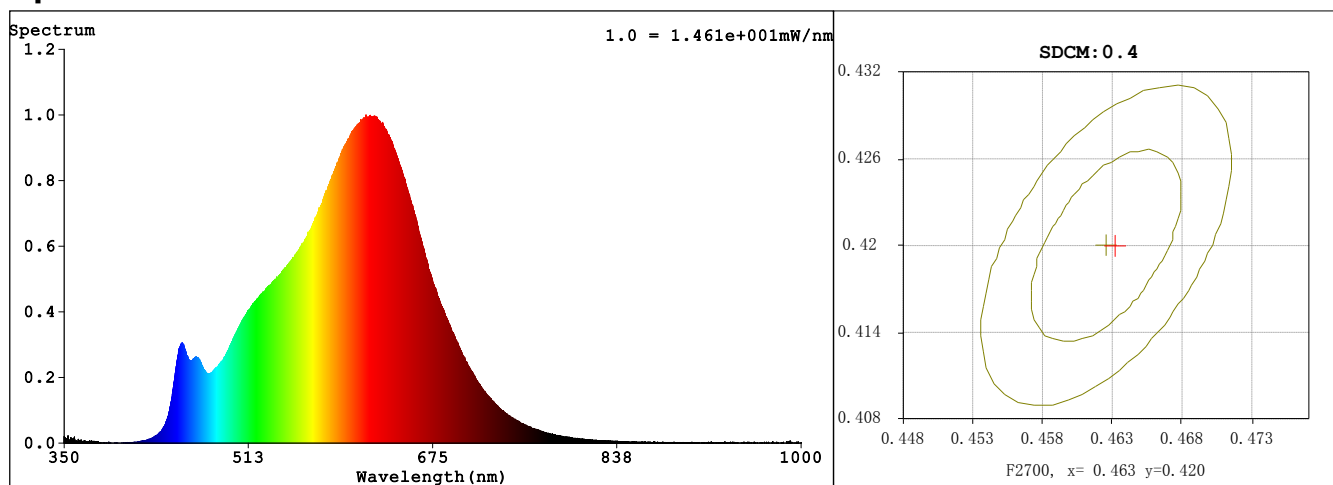
Date : 2024-10-21
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : LEIXIAOLAN

Test Condition

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

RH : 65.0%
IP : 41603 (63%)
T : 314 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.4637 y = 0.4200 / u' = 0.2608 v' = 0.5314 (duv=3.11e-03)

CCT= 2720K Prcp WL: Ld=583.2nm Purity=65.3%

Peak WL: Lp=616nm FWHM: =137.6nm Ratio:R=26.0% G=71.4% B=2.6%

Render Index: Ra = 91.4 TM30:Rf=89 Rg=94

R1 =91 R2 =97 R3 =98 R4 =91 R5 =91 R6 =98 R7 =89

R8 =76 R9 =49 R10=92 R11=93 R12=83 R13=93 R14=99 R15=85

LEVEL:OUT

TLCI Parameters: TLCI = 88.4

Photometric & Radiometric Parameters

Flux = 673.98 lm Eff. : 86.34 lm/W Fe = 2.2867 W

EEI: 0.13972 A+

EEC: 86.3 F

Electrical parameters

V = 24.00 V I = 0.3253 A P = 7.807 W PF = 1.000

Freq=0.00 Hz

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iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S010560ZC2PZ 2700K
Sample No. : 10106-0648-00
Manufacturer : iPixel LED

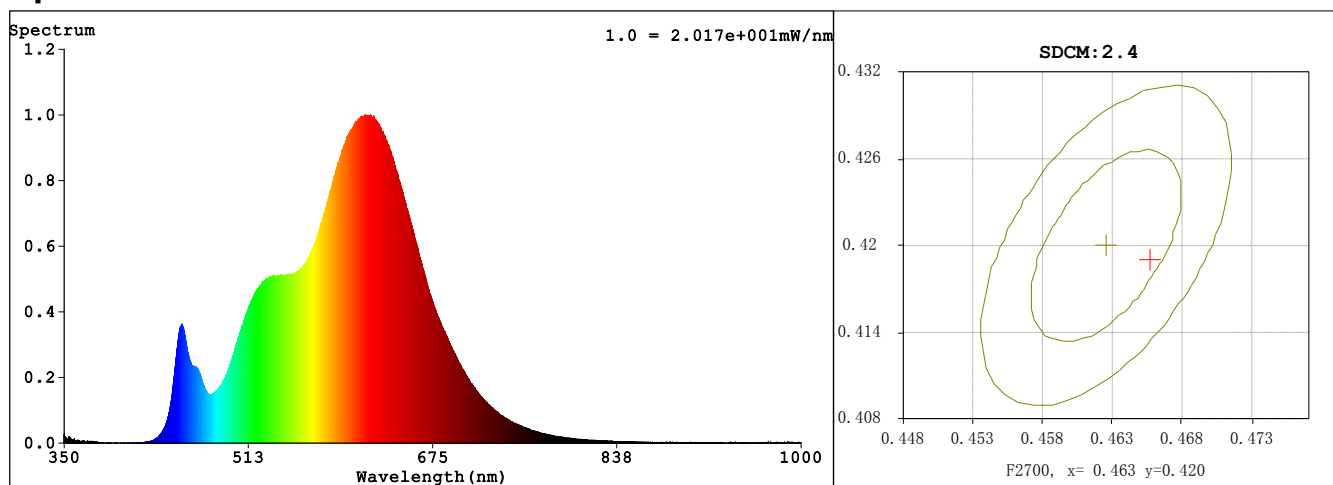
Date : 2024-11-18
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : DINGNANJUAN

Test Condition

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

RH : 65.0%
IP : 46150 (70%)
T : 250 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.4662 y = 0.4190 / u' = 0.2628 v' = 0.5315 (duv=2.55e-03)

CCT= 2678K Prpc WL: Ld=583.5nm Purity=65.7%

Peak WL: Lp=616nm FWHM: =140.2nm Ratio:R=26.8% G=71.1% B=2.2%

Render Index: Ra = 92.7 TM30:Rf=91 Rg=97

R1 =94 R2 =97 R3 =99 R4 =95 R5 =94 R6 =98 R7 =90

R8 =76 R9 =46 R10=93 R11=99 R12=82 R13=95 R14=99 R15=85

LEVEL:OUT

TLCI Parameters: TLCI = 85.8

Photometric & Radiometric Parameters

Flux = 895.53 lm Eff. : 72.98 lm/W Fe = 2.9701 W

EEL: 0.17475 A

EEC: 73.0 G

Electrical parameters

V = 24.00 V I = 0.5113 A P = 12.27 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S010560ZC2PZ 2100K
Sample No. : 10106-0648-00
Manufacturer : iPixel LED

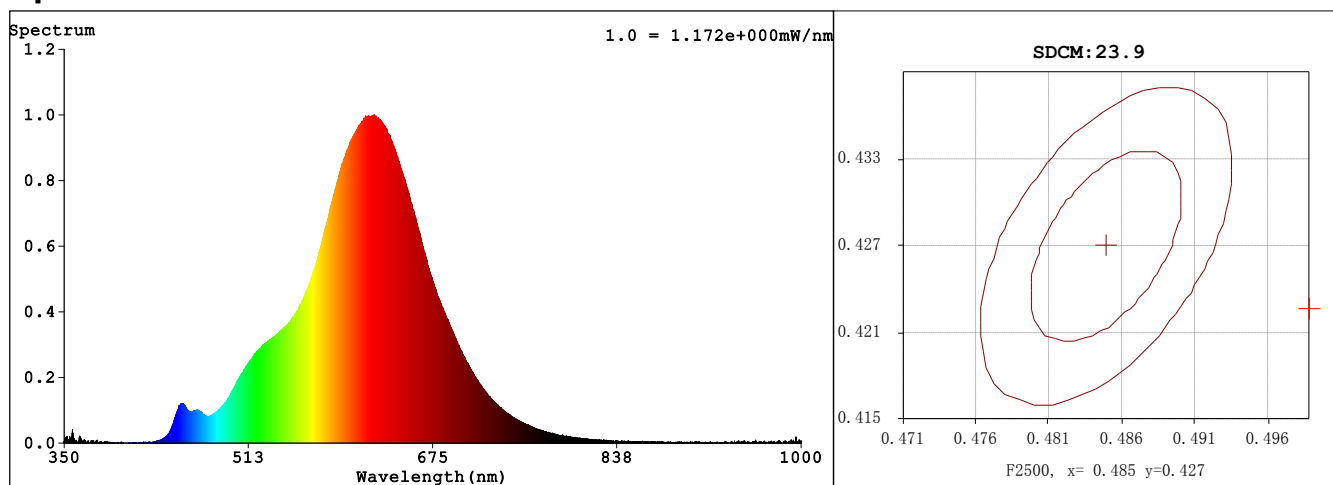
Date : 2024-11-18
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : DINGNANJUAN

Test Condition

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

RH : 65.0%
IP : 49361 (75%)
T : 4696 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.5186$ $y = 0.4227$ / $u' = 0.2949$ $v' = 0.5407$ ($duv=2.49e-03$)

CCT= 2128K Prpc WL: $L_d=587.1nm$ Purity=82.6%

Peak WL: $L_p=623nm$ FWHM: $=107.0nm$ Ratio: $R=31.9\%$ $G=66.7\%$ $B=1.4\%$

Render Index: $R_a = 86.9$ TM30: $R_f=87$ $R_g=90$

$R_1=86$ $R_2=95$ $R_3=95$ $R_4=86$ $R_5=87$ $R_6=98$ $R_7=84$

$R_8=64$ $R_9=28$ $R_{10}=90$ $R_{11}=90$ $R_{12}=88$ $R_{13}=89$ $R_{14}=98$ $R_{15}=77$

LEVEL:OUT

TLCI Parameters: TLCI = 78.6

Photometric & Radiometric Parameters

Flux = 43.753 lm Eff. : 42.11 lm/W Fe = 156.57 mW

EEI: 0.13046 A+

EEC: 42.1 G

Electrical parameters

V = 24.00 V I = 0.04330 A P = 1.039 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S008640ZB2PZ 2700-6500K
Sample No. : 10106-0715-00
Manufacturer : iPixel LED

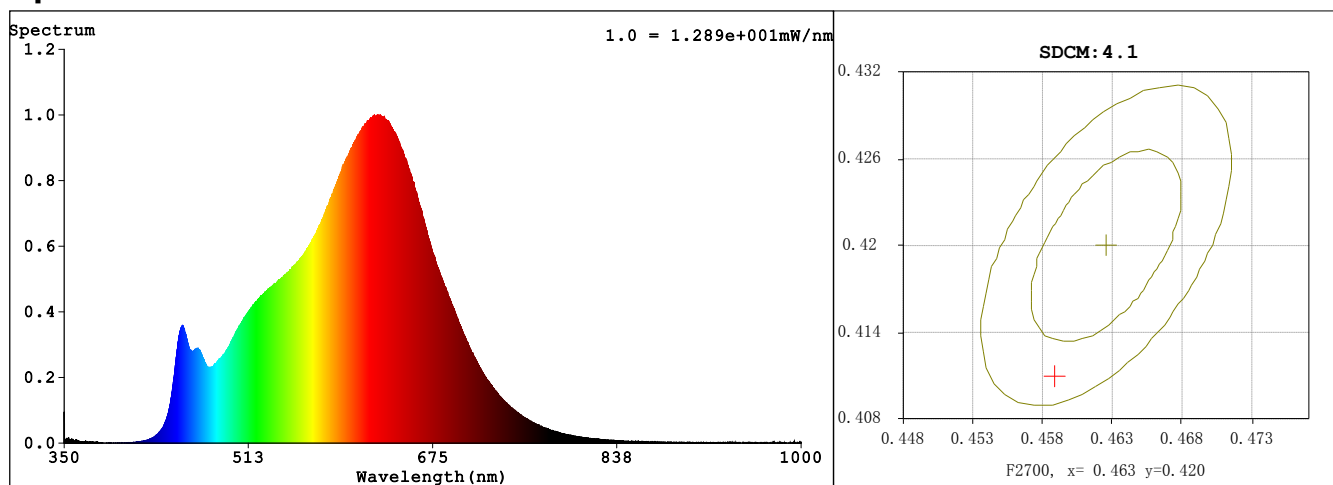
Date : 2025-02-18
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : WANGHUALAN

Test Condition

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

RH : 65.0%
IP : 53337 (81%)
T : 471 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.4593 y = 0.4107 / u' = 0.2621 v' = 0.5273 (duv=6.29e-05)

CCT= 2708K Prpc WL: Ld=584.1nm Purity=61.1%

Peak WL: Lp=629nm FWHM: =142.3nm Ratio:R=26.9% G=70.3% B=2.8%

Render Index: Ra = 94.9 TM30:Rf=92 Rg=98

R1 =97 R2 =99 R3 =97 R4 =96 R5 =97 R6 =95 R7 =91

R8 =85 R9 =69 R10=99 R11=99 R12=86 R13=99 R14=99 R15=92

LEVEL:OUT

TLCI Parameters: TLCI = 93.6

Photometric & Radiometric Parameters

Flux = 574.75 lm Eff. : 74.12 lm/W Fe = 2.1019 W

EEL: 0.15741 A+

EEC: 74.1 G

Electrical parameters

V = 12.00 V I = 0.6462 A P = 7.754 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : S008640ZB2PZ 2700-6500K
Sample No. : 10106-0715-00
Manufacturer : iPixel LED

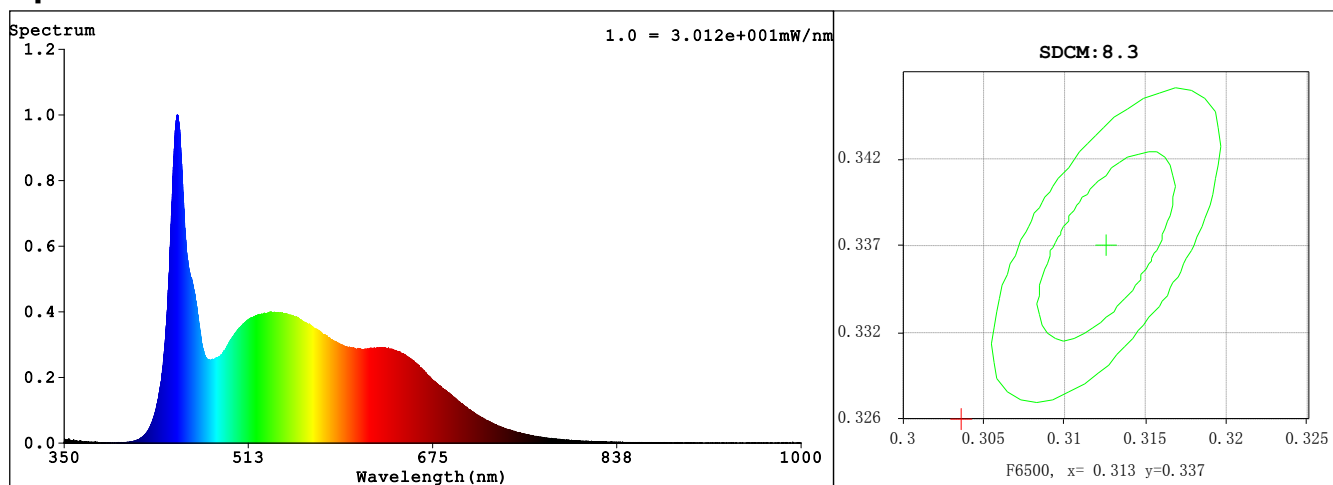
Date : 2025-02-18
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : WANGHUALAN

Test Condition

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

RH : 65.0%
IP : 47791 (73%)
T : 235 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3040$ $y = 0.3211$ / $u' = 0.1947$ $v' = 0.4628$ ($duv=3.63e-03$)

CCT= 7086K Prpc WL: $L_d=486.2nm$ Purity=10.8%

Peak WL: $L_p=450nm$ FWHM: $=19.9nm$ Ratio:R=14.3% G=79.1% B=6.6%

Render Index: $R_a = 93.5$ TM30:Rf=92 Rg=100

R1 =94 R2 =94 R3 =91 R4 =94 R5 =93 R6 =89 R7 =98

R8 =96 R9 =86 R10=84 R11=92 R12=65 R13=94 R14=95 R15=94

LEVEL:OUT

TLCI Parameters: TLCI = 96.1

Photometric & Radiometric Parameters

Flux = 764.57 lm Eff. : 96.15 lm/W $Fe = 2.8565 W$

EEL: 0.12868 A+

EEC: 96.2 F

Electrical parameters

V = 12.00 V I = 0.6627 A P = 7.952 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>