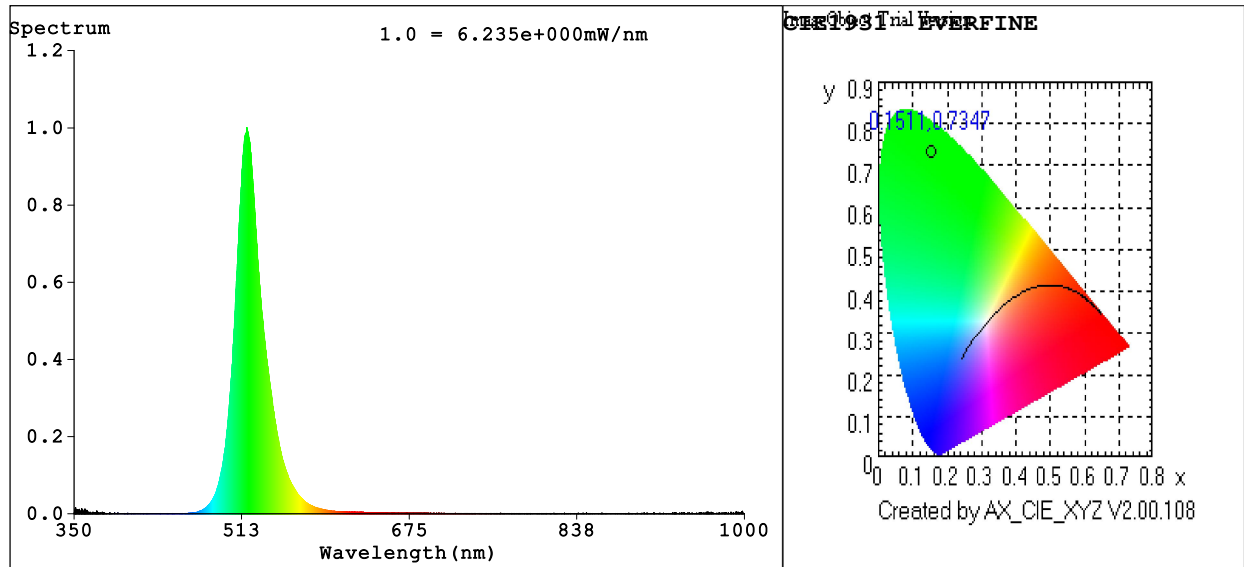


Spectrum Test Report



Colorimetric Parameters

Chromaticity Coordinate: $x=0.1511$ $y=0.7347$ $u'=0.0525$ $v'=0.5743$

CCT=8084K (Duv=0.1638) Dominant WL:Ld =524.3nm Purity=81.1%

Peak WL:Lp=517.6nm FWHM=27.4nm

Render Index:Ra=0.0

R1 =0	R2 =0	R3 =0	R4 =0	R5 =0	R6 =0	R7 =0
R8 =0	R9 =0	R10=0	R11=0	R12=0	R13=0	R14=33 R15=0

Photometric & Radiometric Parameters

Flux=98.32 lm Eff.:20.81 lm/W Fe=209.8 mW

EEI: 0.34880 B

EEC: 20.8 G

Electrical parameters

V=12.00 V I=0.3937 A P=4.724 W PF=1.000

Freq=0.00 Hz

LEVEL:OUT

Status: Integral T = 597 ms Ip = 50462 (77%)

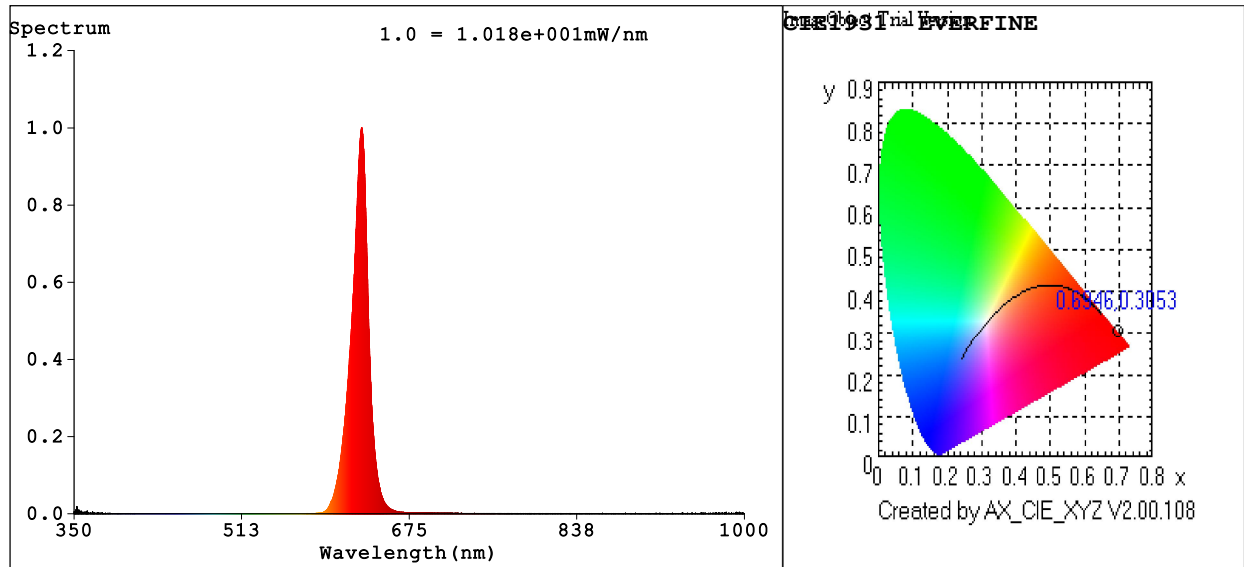
Test Mode: Accuracy Test; Sensitivity = High; Tecool: ON

GBT5702

Model:N020060CB3SF G
Test By:DINGNANJUAN
Temperature:25.3 °C
Manufacturer:iPixel LED

Number:10305-0459-00
Date:2023-08-16
Humidity:65.0%
Remarks:1M

Spectrum Test Report



Colorimetric Parameters

Chromaticity Coordinate: $x=0.6946$ $y=0.3053$ $u'=0.5268$ $v'=0.5210$

CCT=1001K (Duv=-0.0792) Dominant WL:Ld =621.6nm Purity=100.0%

Peak WL:Lp=629.1nm FWHM=16.2nm

Render Index:Ra=23.7

R1 =0	R2 =77	R3 =24	R4 =0	R5 =0	R6 =89	R7 =0	
R8 =0	R9 =0	R10=69	R11=0	R12=79	R13=26	R14=55	R15=0

Photometric & Radiometric Parameters

Flux=42.19 lm Eff.:8.97 lm/W Fe=200.8 mW

EEI: 0.60454 C

EEC: 9.0 G

Electrical parameters

V=12.00 V I=0.3922 A P=4.706 W PF=1.000

Freq=0.00 Hz

LEVEL:OUT

Status: Integral T = 460 ms Ip = 49153 (75%)

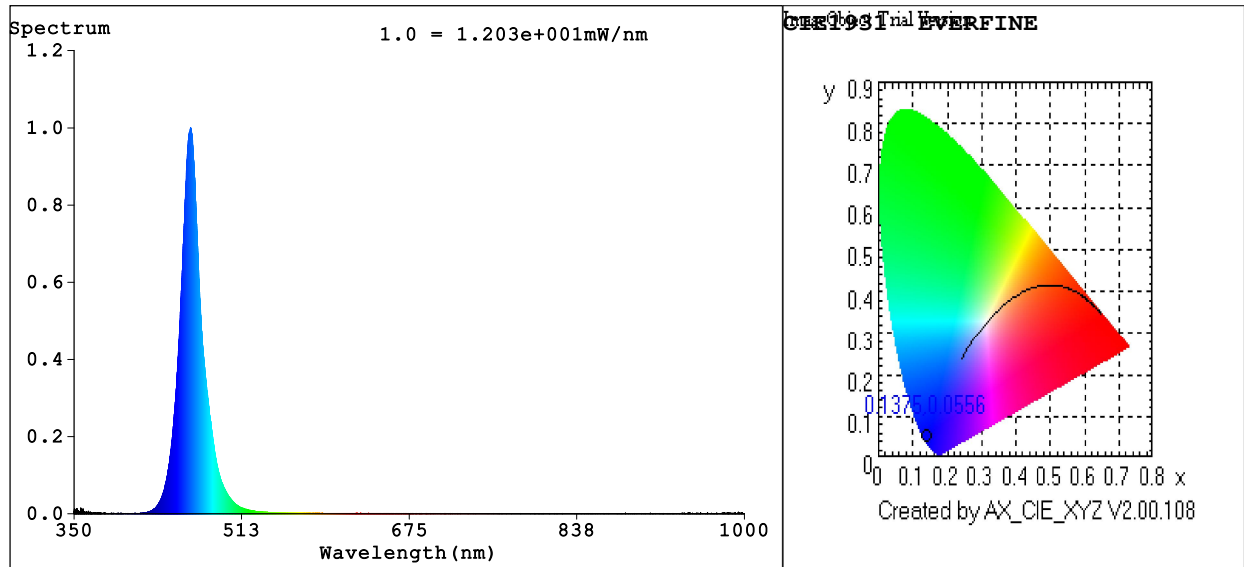
Test Mode: Accuracy Test; Sensitivity = High; Tecool: ON

GBT5702

Model:N020060CB3SF R
Test By:DINGNANJUAN
Temperature:25.3 °C
Manufacturer:iPixel LED

Number:10305-0459-00
Date:2023-08-16
Humidity:65.0%
Remarks:1M

Spectrum Test Report



Colorimetric Parameters

Chromaticity Coordinate: $x=0.1375$ $y=0.0556$ $u'=0.1622$ $v'=0.1475$

CCT=100000K (Duv=-0.1686) Dominant WL:Ld =467.1nm Purity=96.8%

Peak WL:Lp=463.1nm FWHM=20.3nm

Render Index:Ra=0.8

R1 =0	R2 =0	R3 =0	R4 =0	R5 =6	R6 =0	R7 =0	
R8 =0	R9 =0	R10=0	R11=0	R12=0	R13=0	R14=0	R15=4

Photometric & Radiometric Parameters

Flux=20.07 lm Eff.:4.30 lm/W Fe=311.9 mW

EEI: 0.94796 D

EEC: 4.3 G

Electrical parameters

V=12.00 V I=0.3891 A P=4.669 W PF=1.000

Freq=0.00 Hz

LEVEL:OUT

Status: Integral T = 403 ms Ip = 49338 (75%)

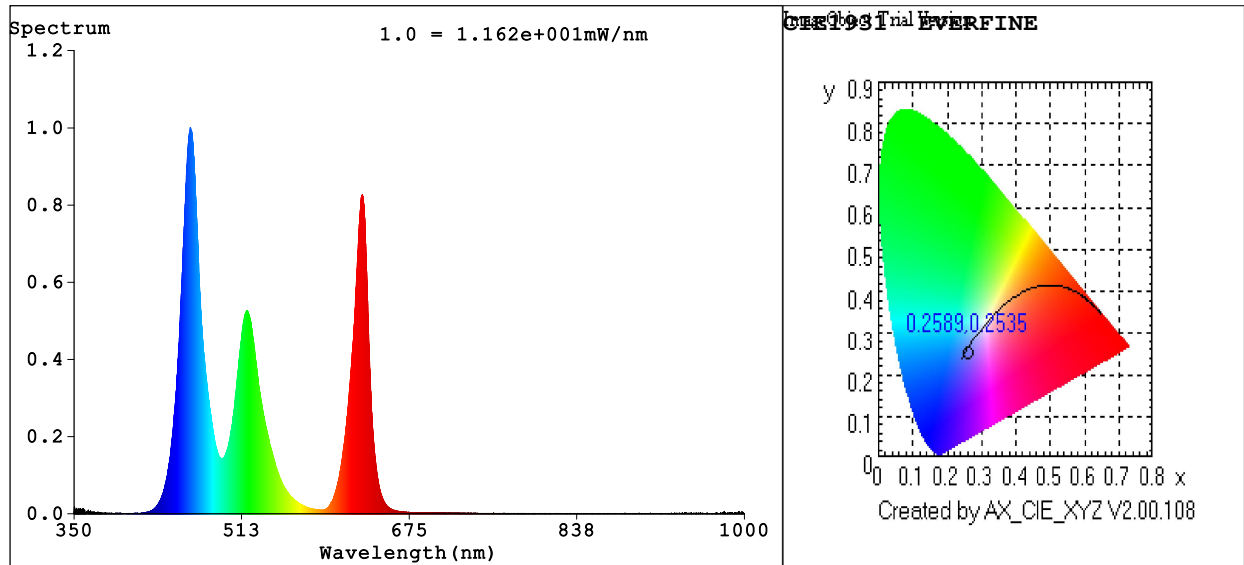
Test Mode: Accuracy Test; Sensitivity = High; Tecool: ON

GBT5702

Model:N020060CB3SF B
Test By:DINGNANJUAN
Temperature:25.3 °C
Manufacturer:iPixel LED

Number:10305-0459-00
Date:2023-08-16
Humidity:65.0%
Remarks:1M

Spectrum Test Report



Colorimetric Parameters

Chromaticity Coordinate: $x=0.2589$ $y=0.2535$ $u'=0.1874$ $v'=0.4130$

CCT=20809K (Duv=-0.0039) Dominant WL:Ld =475.6nm Purity=33.0%

Peak WL:Lp=462.8nm FWHM=20.5nm

Render Index:Ra=36.4

R1 =9	R2 =50	R3 =71	R4 =29	R5 =34	R6 =46	R7 =53	
R8 =0	R9 =0	R10=0	R11=11	R12=53	R13=16	R14=77	R15=0

Photometric & Radiometric Parameters

Flux=154.5 lm Eff.:13.73 lm/W Fe=694.7 mW

EEI: 0.60810 C

EEC: 13.7 G

Electrical parameters

V=12.00 V I=0.9379 A P=11.25 W PF=1.000

Freq=0.00 Hz

LEVEL:OUT

Status: Integral T = 403 ms Ip = 47642 (73%)

Test Mode: Accuracy Test; Sensitivity = High; Tecool: ON

GBT5702

Model:N020060CB3SF 混光
Test By:DINGNANJUAN
Temperature:25.3 °C
Manufacturer:iPixel LED

Number:10305-0459-00
Date:2023-08-16
Humidity:65.0%
Remarks:1M

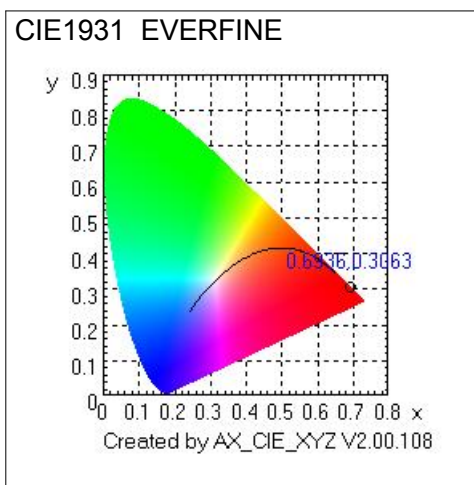
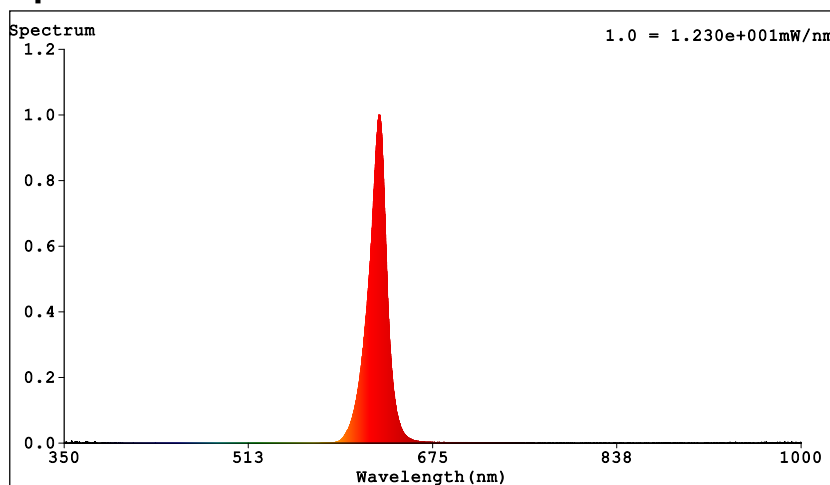
Spectrum Test Report

Sample	:		Date	:	2023-12-28
Specification	:	N020060CC3SF R	Sam. Status	:	1M
Sample No.	:	10305-0551-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	DINGNANJUAN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	48805 (74%)
Test Mode	:	Accuracy Test	T	:	453 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6936$ $y = 0.3063$ / $u' = 0.5246$ $v' = 0.5213$ ($duv = -7.70e-02$)

CCT= 1001K Prcp WL: Ld=621.0nm Purity=100.0%

Peak WL: Lp=629nm FWHM: =15.8nm Ratio:R=98.2% G=1.8% B=-0.0%

Render Index: Ra = 23.7 TM30:Rf=1 Rg=0

R1 =0 R2 =77 R3 =24 R4 =0 R5 =0 R6 =89 R7 =0

R8 =0 R9 =0 R10=70 R11=0 R12=78 R13=26 R14=55 R15=0

LEVEL:OUT

TLCI Parameters: TLCI = 1.4

Photometric & Radiometric Parameters

Flux = 51.237 lm Eff. : 10.53 lm/W Fe = 238.09 mW

EEL: 0.55244 B

EEC: 10.5 G

Electrical parameters

V = 24.00 V I = 0.2028 A P = 4.867 W PF = 1.000

Freq=0.00 Hz

GBT5702

Spectrum Test Report

Sample :
Specification : N020060CC3SF G
Sample No. : 10305-0551-00
Manufacturer : iPixel LED

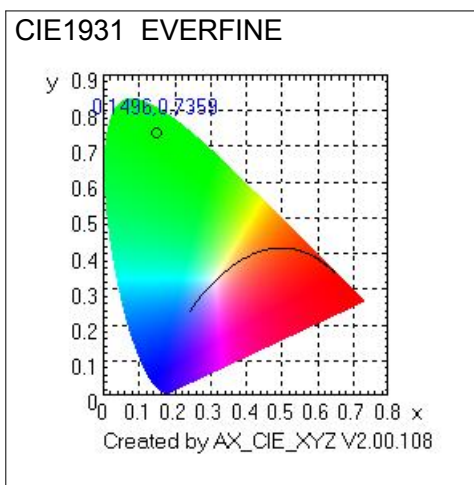
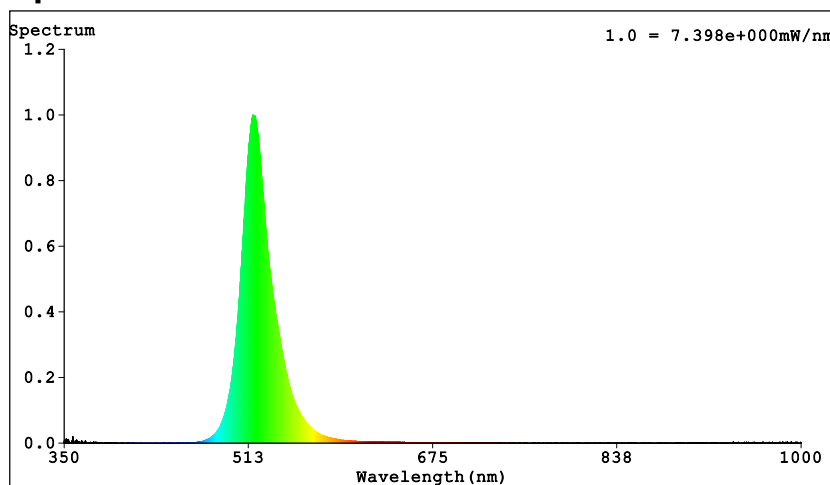
Date : 2023-12-28
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : DINGNANJUAN

Test Condition

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

RH : 65.0%
IP : 49465 (75%)
T : 611 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1496$ $y = 0.7359$ / $u' = 0.0519$ $v' = 0.5743$ ($duv=1.64e-01$)

CCT= 8103K Prcp WL: Ld=524.2nm Purity=81.3%

Peak WL: Lp=517nm FWHM: =26.9nm Ratio:R=0.3% G=97.7% B=1.9%

Render Index: Ra = 0.0 TM30:Rf=1 Rg=6

R1 =0 R2 =0 R3 =0 R4 =0 R5 =0 R6 =0 R7 =0

R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=32 R15=0

LEVEL:OUT

TLCI Parameters: TLCI = 2.8

Photometric & Radiometric Parameters

Flux = 115.25 lm Eff. : 23.67 lm/W Fe = 246.55 mW

EEI: 0.32258 B

EEC: 23.7 G

Electrical parameters

V = 24.00 V I = 0.2029 A P = 4.869 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>

Spectrum Test Report

Sample :
Specification : N020060CC3SF B
Sample No. : 10305-0551-00
Manufacturer : iPixel LED

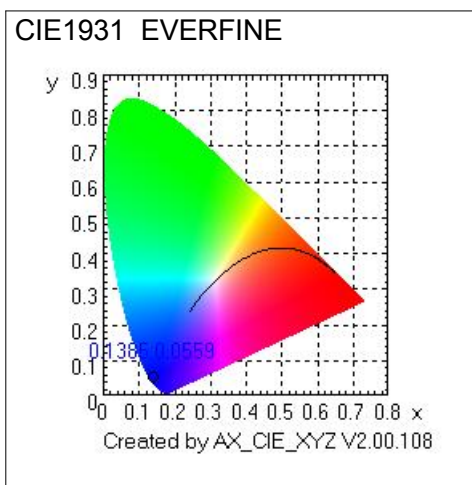
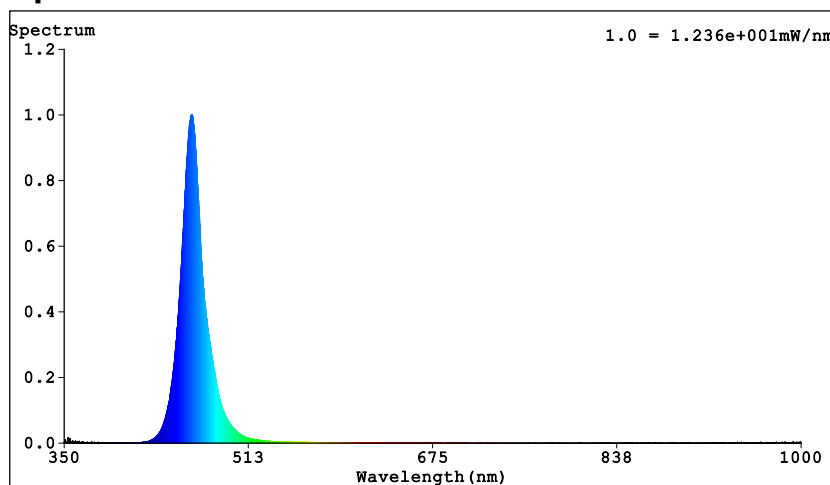
Date : 2023-12-28
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : DINGNANJUAN

Test Condition

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

RH : 65.0%
IP : 49083 (75%)
T : 481 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1385$ $y = 0.0559$ / $u' = 0.1633$ $v' = 0.1482$ ($duv = -1.68e-01$)

CCT>=100000K Prcp WL: Ld=467.0nm Purity=96.5%

Peak WL: Lp=463nm FWHM: =19.8nm Ratio:R=0.9% G=17.9% B=81.2%

Render Index: Ra = 1.3 TM30:Rf=0 Rg=-142

R1 =0 R2 =0 R3 =0 R4 =0 R5 =10 R6 =0 R7 =0
R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=7

LEVEL:OUT

TLCI Parameters: TLCI = 1.2

Photometric & Radiometric Parameters

Flux = 20.461 lm Eff. : 4.30 lm/W Fe = 314.89 mW

EEL: 0.95593 E Lowest

EEC: 4.3 G

Electrical parameters

V = 24.00 V I = 0.1985 A P = 4.764 W PF = 1.000

Freq=0.00 Hz

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iPixel LED

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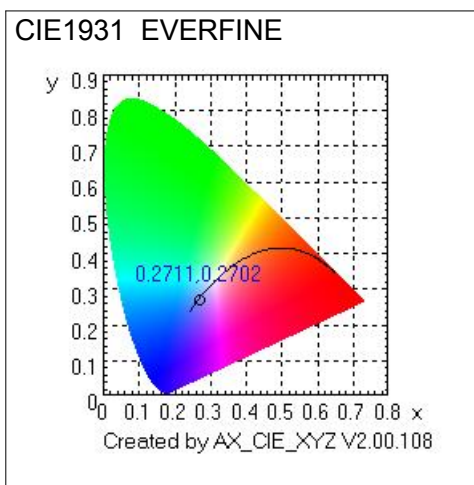
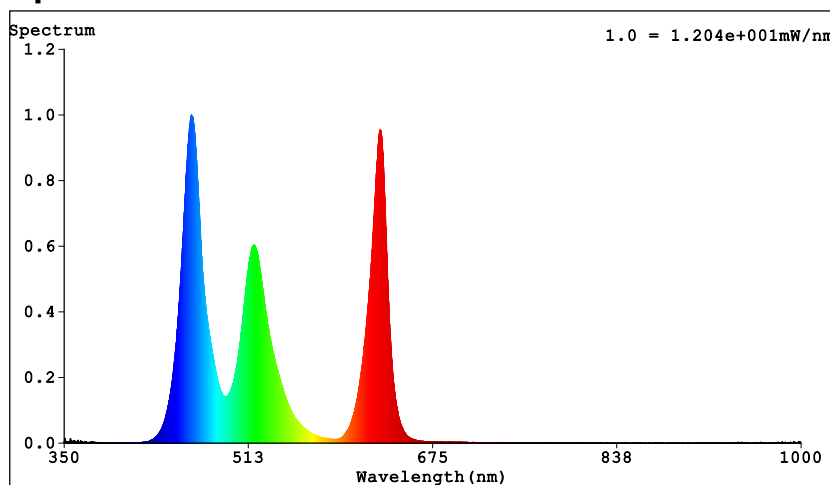
Spectrum Test Report

Sample	:		Date	:	2023-12-28
Specification	:	N020060CC3SF Mixed	Sam. Status	:	1M
Sample No.	:	10305-0551-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	DINGNANJUAN

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	48366 (74%)
Test Mode	:	Accuracy Test	T	:	481 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2711$ $y = 0.2702$ / $u' = 0.1902$ $v' = 0.4266$ ($duv = -3.49e-03$)

CCT= 12984K Prcp WL: $L_d = 476.7nm$ Purity=27.1%

Peak WL: $L_p = 462nm$ FWHM: $= 20.0nm$ Ratio: R=26.2% G=63.5% B=10.3%

Render Index: $R_a = 35.5$ TM30: $R_f = 45$ $R_g = 120$

R1 =8 R2 =52 R3 =72 R4 =24 R5 =31 R6 =44 R7 =53

R8 =0 R9 =0 R10=0 R11=4 R12=53 R13=16 R14=78 R15=0

LEVEL:OUT

TLCI Parameters: TLCI = 16.0

Photometric & Radiometric Parameters

Flux = 179.64 lm Eff. : 15.77 lm/W Fe = 769.23 mW

EEL: 0.55296 B

EEC: 15.8 G

Electrical parameters

V = 24.00 V I = 0.4746 A P = 11.39 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>