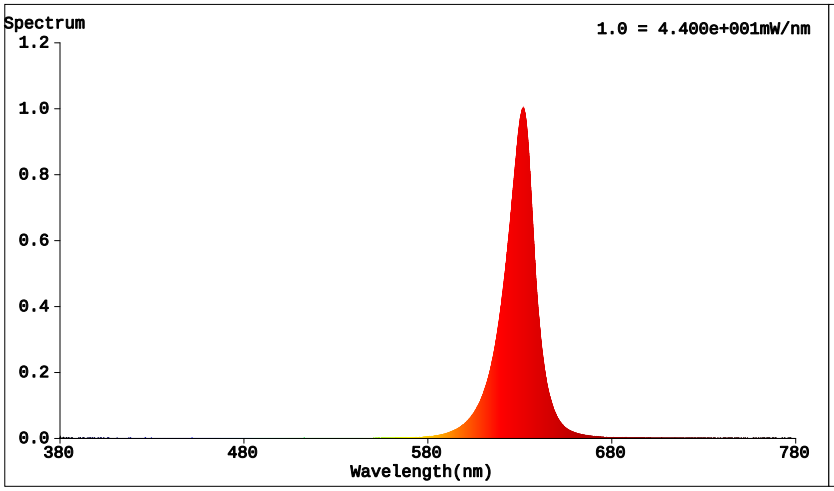
Spectrum Test Report

Sample	: RGB R	Date	: 2020-01-03 13:36:21
Specification	: GD14468	Sam. Status	:
Sample No.	: 1M	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: DAMIN
		Assessor	: damin

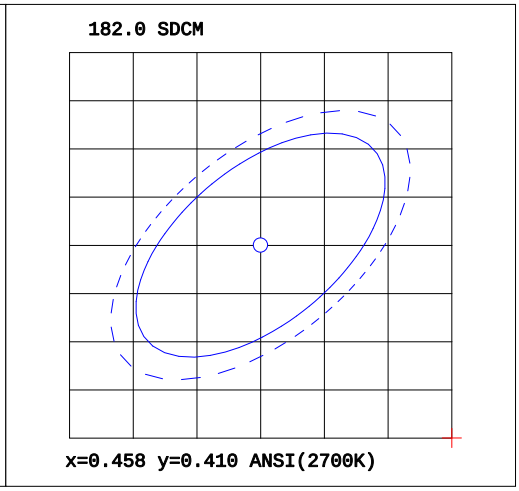
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 46794 (71%)
Test Mode	: Accuracy Test	T	: 59 ms
		Sensitivity	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.6949 y = 0.3051 / u' = 0.5273 v' = 0.5209 (duv=-7.97e-02)

CCT= 1001K Prcp WL: Ld=621.7nm Purity=100.0%

Peak WL: Lp=632nm FWHM: =16.6nm Ratio:R=95.4% G=4.6% B=-0.0%

Render Index: Ra = -10.0

R1 =12	R2 =39	R3 =-11	R4 =-31	R5 =5	R6 =-6	R7 =-21	
R8 =-67	R9 =-193	R10=-18	R11=-13	R12=-33	R13=21	R14=42	R15=-22

Photometric & Radiometric Parameters

Flux = 179.24 lm Eff. : 26.28 lm/W Fe = 905.14 mW

Electrical parameters

V = 24.00 V I = 0.2842 A P = 6.820 W PF = 1.000 F=0.00 Hz

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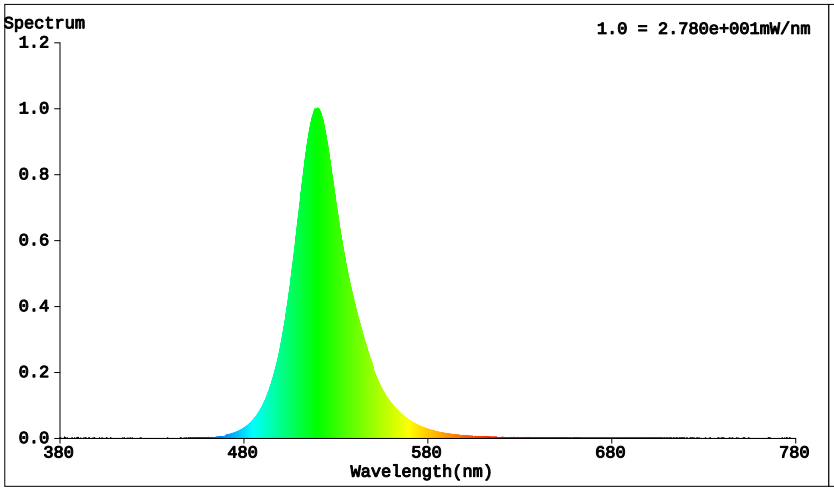
Spectrum Test Report

Sample	: RGB G	Date	: 2020-01-03 13:38:37
Specification	: GD14468	Sam. Status	:
Sample No.	: 1M	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: DAMIN
		Assessor	: damin

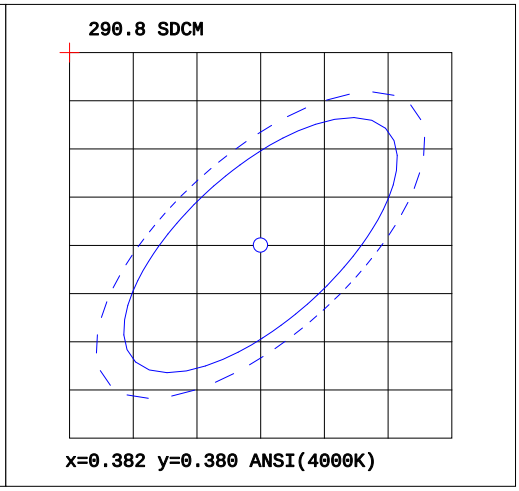
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 48460 (74%)
Test Mode	: Accuracy Test	T	: 97 ms
		Sensitivity	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.1613 y = 0.7291 / u' = 0.0565 v' = 0.5743 (duv=1.60e-01)

CCT= 7944K Prcp WL: Ld=525.8nm Purity=80.7%

Peak WL: Lp=520nm FWHM: =30.6nm Ratio:R=0.3% G=97.6% B=2.1%

Render Index: Ra = -26.3

R1 =-36	R2 =-10	R3 =-25	R4 =-66	R5 =-10	R6 =-18	R7 =-10	
R8 =-34	R9 =-359	R10=-110	R11=-96	R12=-34	R13=-42	R14=38	R15=-34

Photometric & Radiometric Parameters

Flux = 493.92 lm Eff. : 70.49 lm/W Fe = 1.0231 W

Electrical parameters

V = 24.00 V I = 0.2920 A P = 7.007 W PF = 1.000 F=0.00 Hz

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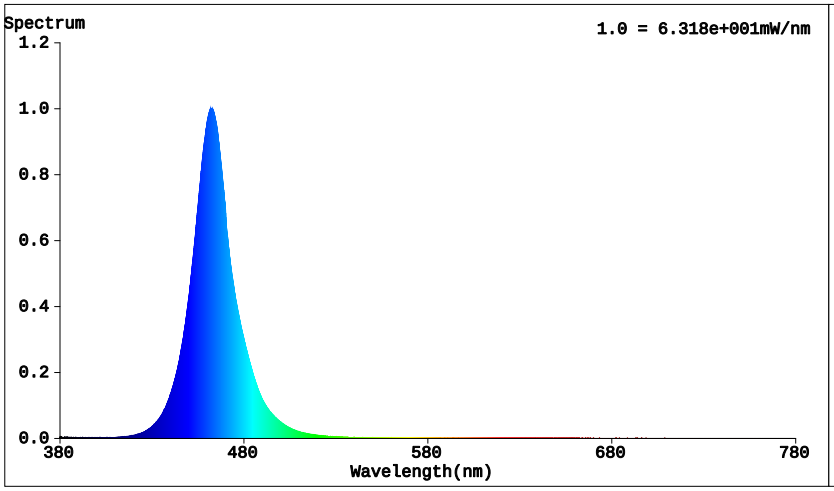
Spectrum Test Report

Sample	: RGB B	Date	: 2020-01-03 13:39:15
Specification	: GD14468	Sam. Status	:
Sample No.	: 1M	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: DAMIN
		Assessor	: damin

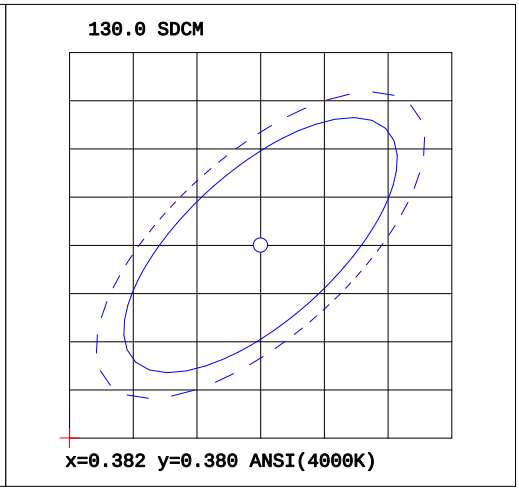
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 49398 (75%)
Test Mode	: Accuracy Test	T	: 68 ms
		Sensitivity	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.1379 y = 0.0530 / u' = 0.1641 v' = 0.1420 (duv=1.72e-01)

CCT>=100000K Prcp WL: Ld=466.6nm Purity=97.2%

Peak WL: Lp=462nm FWHM: =22.0nm Ratio:R=0.4% G=14.5% B=85.2%

Render Index: Ra = -51.3

R1 =-17	R2 =-44	R3 =-135	R4 =-83	R5 =1	R6 =-54	R7 =-44	
R8 =-35	R9 =-283	R10=-226	R11=-115	R12=-106	R13=-35	R14=-29	R15=0

Photometric & Radiometric Parameters

Flux = 108.29 lm Eff. : 14.77 lm/W Fe = 1.7494 W

Electrical parameters

V = 24.00 V I = 0.3055 A P = 7.331 W PF = 1.000 F=0.00 Hz

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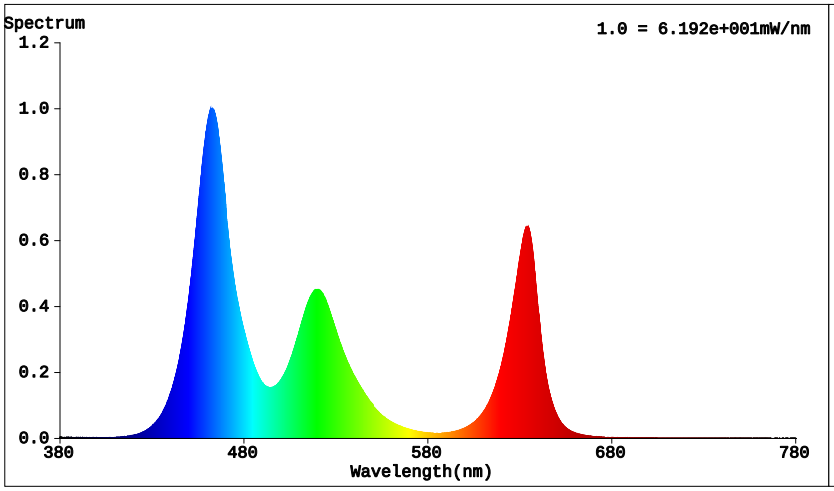
Spectrum Test Report

Sample	: RGB	Date	: 2020-01-03 13:39:49
Specification	: GD14468	Sam. Status	:
Sample No.	: 1M	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: DAMIN
		Assessor	: damin

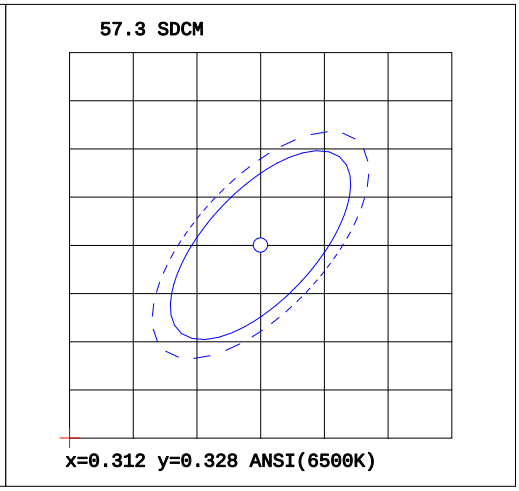
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 48718 (74%)
Test Mode	: Accuracy Test	T	: 68 ms
		Sensitivity	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.2340 y = 0.2354 / u' = 0.1747 v' = 0.3955 (duv=6.36e-03)

CCT>=100000K Prcp WL: Ld=477.3nm Purity=42.9%

Peak WL: Lp=463nm FWHM: =22.5nm Ratio:R=20.2% G=66.2% B=13.6%

Render Index: Ra = 51.2

R1 =36	R2 =61	R3 =75	R4 =57	R5 =58	R6 =62	R7 =60	
R8 =1	R9 =-228	R10=8	R11=47	R12=63	R13=38	R14=81	R15=12

Photometric & Radiometric Parameters

Flux = 759.25 lm Eff. : 35.39 lm/W Fe = 3.6155 W

Electrical parameters

V = 24.00 V I = 0.8940 A P = 21.45 W PF = 1.000 F=0.00 Hz

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