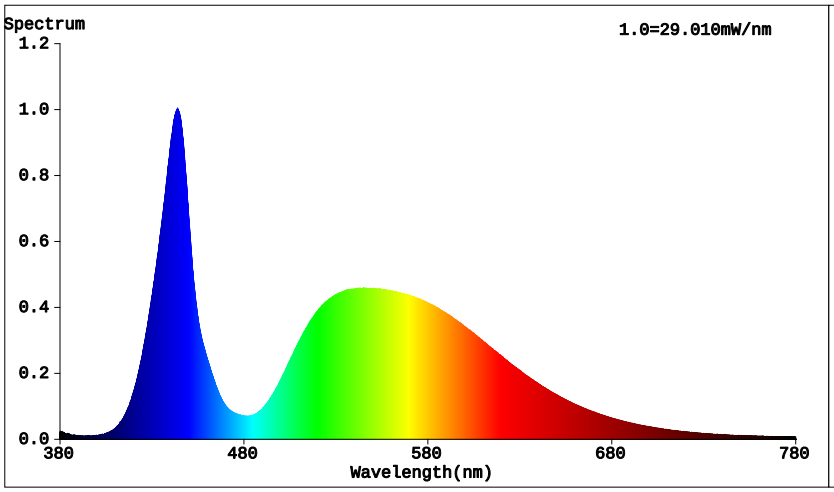
Spectrum Test Report

Product	: WS2815 RGBW-60D	Date	: 2025-02-28
Sample No.	: W	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	:	Operator	:

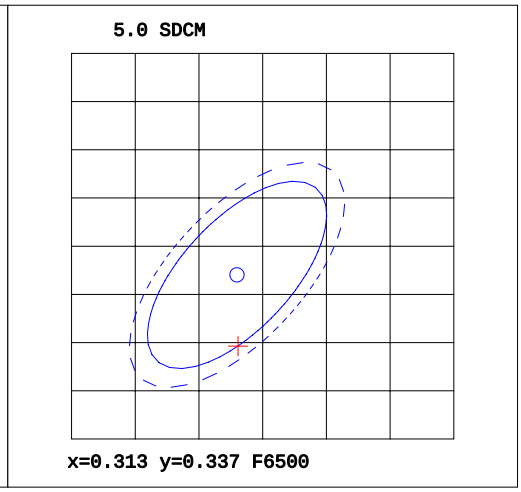
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
Scan Range	: 380nm-780nm	IP	: 51913 (79%)
		T	: 86 ms
Test Type	: Fast Test	Delicacy	: High

Spectroradiometric Parameters



Spectral Distribution



CIE1931 Chromaticity Diagram

CIE Color Parameters:

Chromaticity Coordinate: x=0.3131 y=0.3296/u'=0.1979 v'=0.4687(duv=3.31e-03)

CCT:Tc= 6479K Prcp WaveL: λd=489.3nm Purity=7.1%

Peak WaveL:λp=444nm Half Width: $\Delta\lambda$p=20.7nm Ratio:R=13.0% G=84.0% B=2.9%

Render Index:Ra=68.4

R1 =68	R2 =70	R3 =71	R4 =71	R5 =70	R6 =62	R7 =75	
R8 =60	R9 =0	R10=29	R11=72	R12=43	R13=67	R14=84	R15=62

LEVEL: WHITE:ANSI_6500K

Photo Parameters:

Flux = 778.6 lm Eff. : 49.46 lm/W Fe = 2.453 W

Electrical parameters:

V = 12.00 V I = 1.312 A P = 15.74 W PF = 1.000

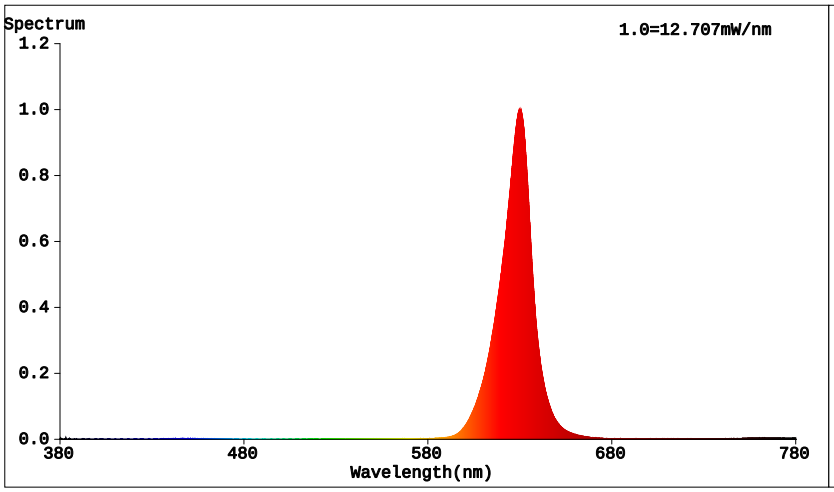
Spectrum Test Report

Product	: WS2815 RGBW-60D	Date	: 2025-02-28
Sample No.	: R	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	:	Operator	:

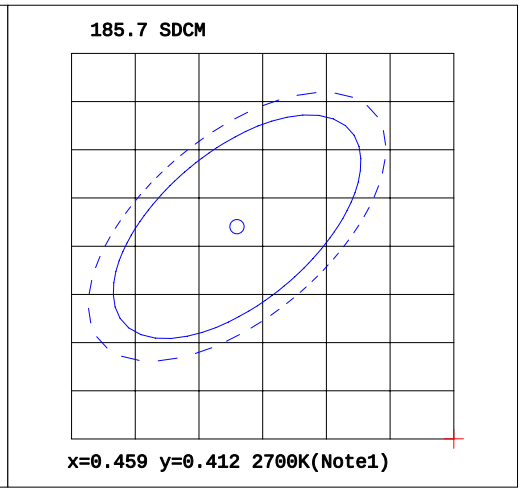
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
Scan Range	: 380nm-780nm	IP	: 51886 (79%)
		T	: 86 ms
Test Type	: Fast Test	Delicacy	: High

Spectroradiometric Parameters



Spectral Distribution



CIE1931 Chromaticity Diagram

CIE Color Parameters:

Chromaticity Coordinate: x=0.6911 y=0.3045/u'=0.5243 v'=0.5199(duv=-7.68e-02)

CCT:Tc= 1001K Prcp WaveL: λd=622.1nm Purity=98.7%

Peak WaveL:λp=630nm Half Width: $\Delta\lambda$p=17.2nm Ratio:R=97.8% G=2.1% B=0.0%

Render Index:Ra=27.0

R1 =9	R2 =80	R3 =30	R4 =0	R5 =4	R6 =92	R7 =2	
R8 =0	R9 =0	R10=75	R11=0	R12=77	R13=33	R14=59	R15=0

LEVEL: WHITE:OUT

Photo Parameters:

Flux = 54.93 lm Eff. : 3.55 lm/W Fe = 267.2 mW

Electrical parameters:

V = 12.00 V I = 1.290 A P = 15.48 W PF = 1.000

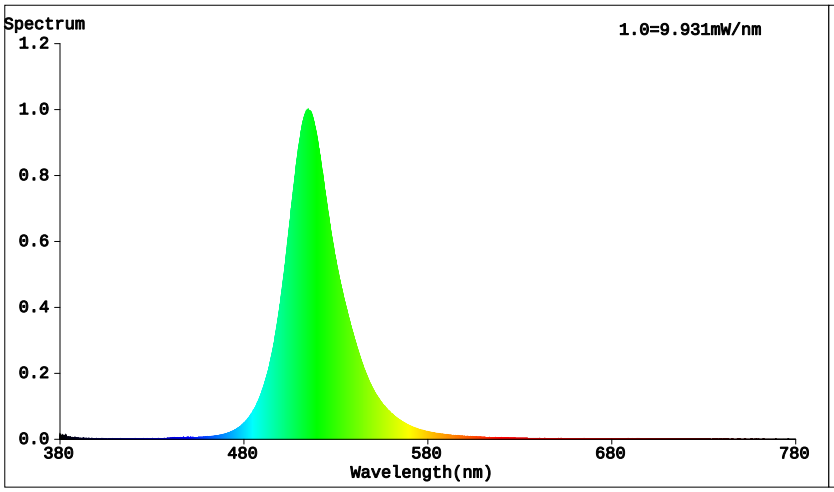
Spectrum Test Report

Product	: WS2815-RGBW-60D	Date	: 2025-02-28
Sample No.	: G	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	:	Operator	:

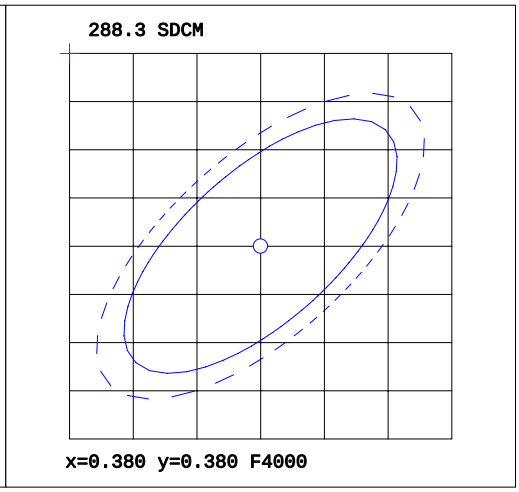
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
Scan Range	: 380nm-780nm	IP	: 52714 (80%)
		T	: 142 ms
Test Type	: Fast Test	Delicacy	: High

Spectroradiometric Parameters



Spectral Distribution



CIE1931 Chromaticity Diagram

CIE Color Parameters:

Chromaticity Coordinate: x=0.1407 y=0.7034/u'=0.0504 v'=0.5673(duv=1.63e-01)

CCT:Tc= 8465K Prcp WaveL: dλ=519.8nm Purity=74.0%

Peak WaveL:λp=515nm Half Width: Δλp=29.7nm Ratio:R=0.4% G=96.9% B=2.7%

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=40	R15=0

LEVEL: WHITE:OUT

Photo Parameters:

Flux = 158.8 lm Eff. : 10.38 lm/W Fe = 362.8 mW

Electrical parameters:

V = 12.00 V I = 1.275 A P = 15.30 W PF = 1.000

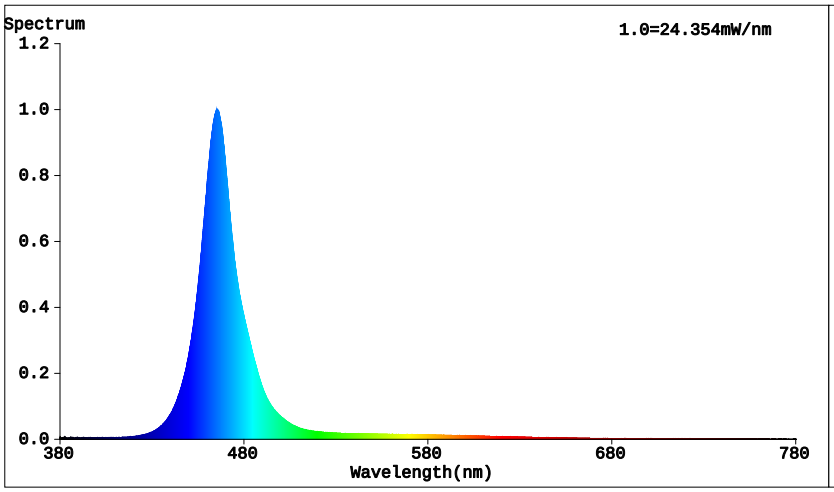
Spectrum Test Report

Product	: WS2815 RGBW-60D	Date	: 2025-02-28
Sample No.	: B	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	:	Operator	:

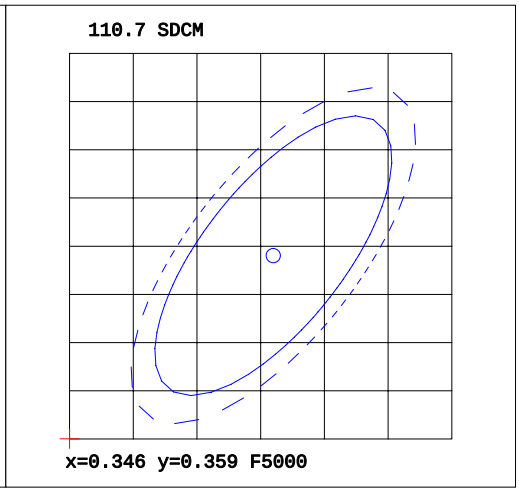
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
Scan Range	: 380nm-780nm	IP	: 53006 (81%)
		T	: 90 ms
Test Type	: Fast Test	Delicacy	: High

Spectroradiometric Parameters



Spectral Distribution



CIE1931 Chromaticity Diagram

CIE Color Parameters:

Chromaticity Coordinate: x=0.1456 y=0.0872/u'=0.1550 v'=0.2090(duv=1.29e-01)

CCT:Tc>=100000K Prcp WaveL: λd=470.2nm Purity=89.6%

Peak WaveL:λp=465nm Half Width: Δλp=20.3nm Ratio:R=4.1% G=37.8% B=58.2%

Render Index:Ra=11.7

R1 =42	R2 =0	R3 =0	R4 =0	R5 =52	R6 =0	R7 =0	
R8 =0	R9 =0	R10=0	R11=0	R12=0	R13=28	R14=0	R15=36

LEVEL: WHITE:OUT

Photo Parameters:

Flux = 64.36 lm Eff. : 4.21 lm/W Fe = 684.6 mW

Electrical parameters:

V = 12.00 V I = 1.275 A P = 15.30 W PF = 1.000