

Spectrum Test Report

Product : 5050 288D RGBCW

Sample No. : W

Manufacturer :

Date : 2024-12-24

Instrument : HAAS-2000(EVERFINE)

Operator :

Test Condition

Temprature : 25.3Deg

Scan Range : 380nm-780nm

Test Type : Fast Test

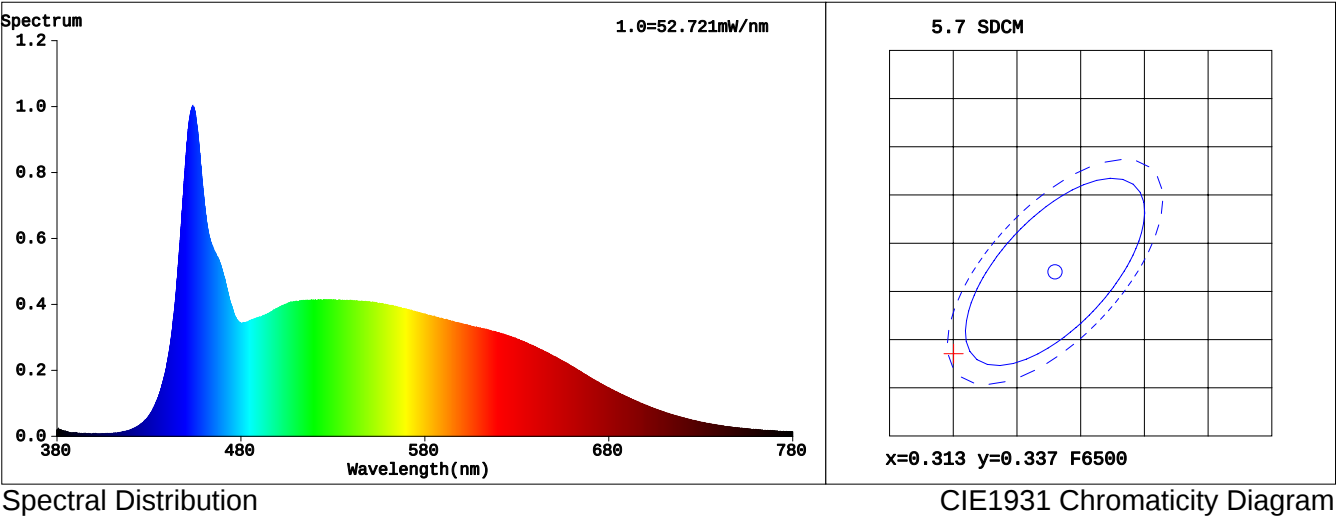
RH : 65.0%

IP : 52102 (80%)

T : 46 ms

Delicacy : High

Spectroradiometric Parameters



CIE Color Parameters:

Chromaticity Coordinate: x=0.3050 y=0.3285/u'=0.1927 v'=0.4669(duv=6.88e-03)

CCT:Tc= 6937K Prcp WaveL: λ_p =489.5nm Purity=9.9%

Peak WaveL: λ_p =454nm Half Width: $\Delta\lambda_p$ =24.4nm Ratio:R=15.2% G=78.0% B=6.8%

Render Index:Ra=91.7

R1 =92 R2 =98 R3 =97 R4 =87 R5 =90 R6 =94 R7 =91

R8 =85 R9 =63 R10=94 R11=89 R12=65 R13=94 R14=98 R15=88

LEVEL: WHITE:ANSI_6500K

Photo Parameters:

Flux = 1457 lm Eff. : 71.84 lm/W Fe = 5.190 W

Electrical parameters:

V = 24.00 V I = 0.8450 A P = 20.28 W PF = 1.000

Spectrum Test Report

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Operator :

Test Condition

Temprature : 25.3Deg

Scan Range : 380nm-780nm

Test Type : Fast Test

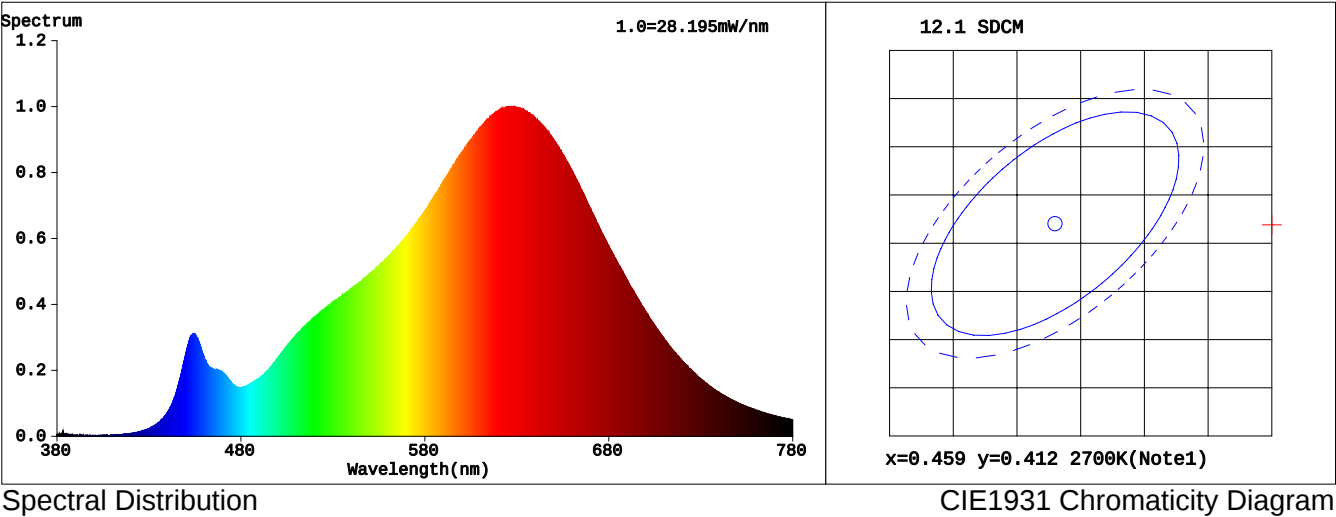
RH : 65.0%

IP : 48949 (75%)

T : 36 ms

Delicacy : High

Spectroradiometric Parameters



CIE Color Parameters:

Chromaticity Coordinate: x=0.4781 y=0.4119/u'=0.2737 v'=0.5306(duv=-6.70e-04)

CCT:Tc= 2473K Prcp WaveL: ~~λp~~585.7nm Purity=67.2%

Peak WaveL:λp=629nm Half Width: Δλp=135.8nm Ratio:R=30.3% G=67.8% B=1.9%

Render Index:Ra=93.2

R1 =94	R2 =98	R3 =99	R4 =93	R5 =93	R6 =97	R7 =91	
R8 =81	R9 =61	R10=94	R11=94	R12=86	R13=95	R14=99	R15=89

LEVEL: WHITE:OUT

Photo Parameters:

Flux = 1185 lm Eff. : 58.22 lm/W Fe = 4.410 W

Electrical parameters:

V = 24.00 V I = 0.8480 A P = 20.35 W PF = 1.000

Spectrum Test Report

Product : 5050 288D RGBCW

Sample No. : G

Manufacturer :

Date : 2024-12-24

Instrument : HAAS-2000(EVERFINE)

Operator :

Test Condition

Temprature : 25.3Deg

Scan Range : 380nm-780nm

Test Type : Fast Test

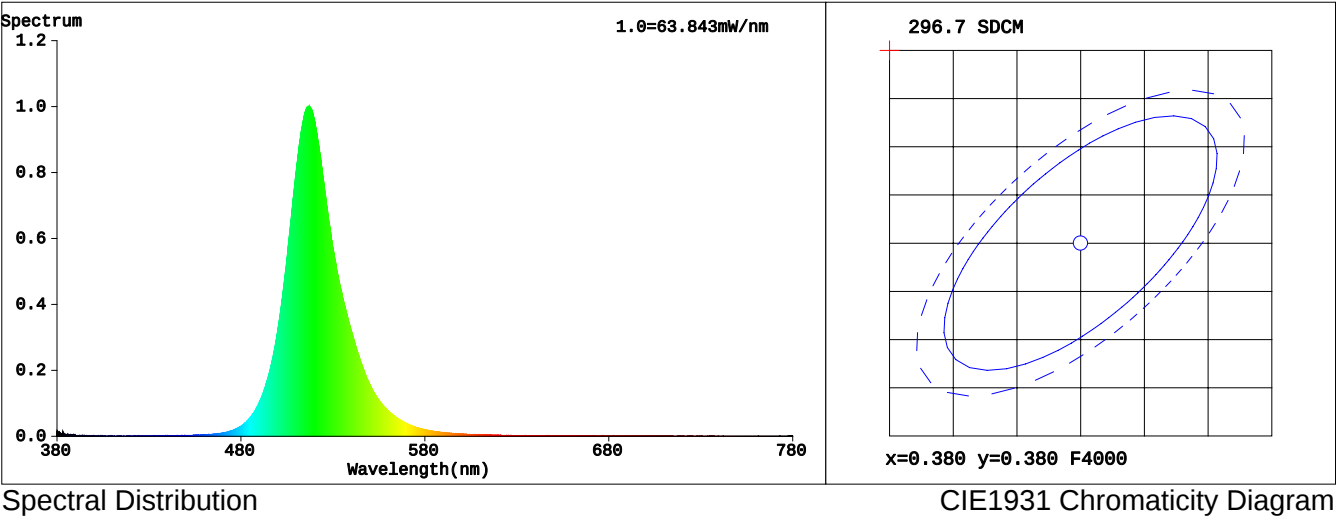
RH : 65.0%

IP : 56215 (86%)

T : 23 ms

Delicacy : High

Spectroradiometric Parameters



CIE Color Parameters:

Chromaticity Coordinate: x=0.1434 y=0.7245/u'=0.0503 v'=0.5716(duv=1.65e-01)
CCT:Tc= 8275K Prcp WaveL: ~~λp~~522.1nm Purity=78.3%
Peak WaveL:λp=517nm Half Width: Δλp=28.1nm Ratio:R=0.3% G=97.8% B=1.9%

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=36 R15=0
LEVEL: WHITE:OUT						

Photo Parameters:

Flux = 1010 lm Eff. : 52.85 lm/W Fe = 2.208 W

Electrical parameters:

V = 24.00 V I = 0.7962 A P = 19.11 W PF = 1.000

Spectrum Test Report

Product : 5050 288D RGBCW

Sample No. : R

Manufacturer :

Date : 2024-12-24

Instrument : HAAS-2000(EVERFINE)

Operator :

Test Condition

Temprature : 25.3Deg

Scan Range : 380nm-780nm

Test Type : Fast Test

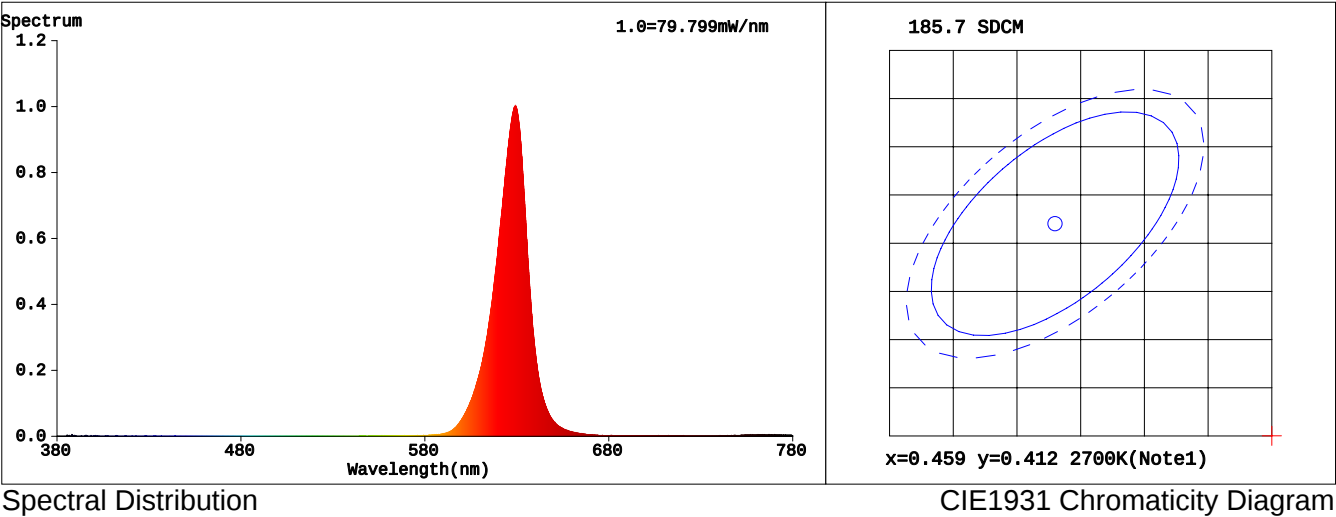
RH : 65.0%

IP : 53761 (82%)

T : 14 ms

Delicacy : High

Spectroradiometric Parameters



CIE Color Parameters:

Chromaticity Coordinate: x=0.6928 y=0.3072/u'=0.5227 v'=0.5216(duv=-7.51e-02)

CCT:Tc= 1001K Prcp WaveL: ~~620.6nm~~ Purity=100.0%

Peak WaveL:λp=629nm Half Width: Δλp=18.0nm Ratio:R=97.7% G=2.3% B=-0.0%

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=18	R15=0

LEVEL: WHITE:OUT

Photo Parameters:

Flux = 363.9 lm Eff. : 20.83 lm/W Fe = 1.711 W

Electrical parameters:

V = 24.00 V I = 0.7279 A P = 17.47 W PF = 1.000

Spectrum Test Report

Product : 5050 288D RGBCW

Sample No. : B

Manufacturer :

Date : 2024-12-24

Instrument : HAAS-2000(EVERFINE)

Operator :

Test Condition

Temprature : 25.3Deg

Scan Range : 380nm-780nm

Test Type : Fast Test

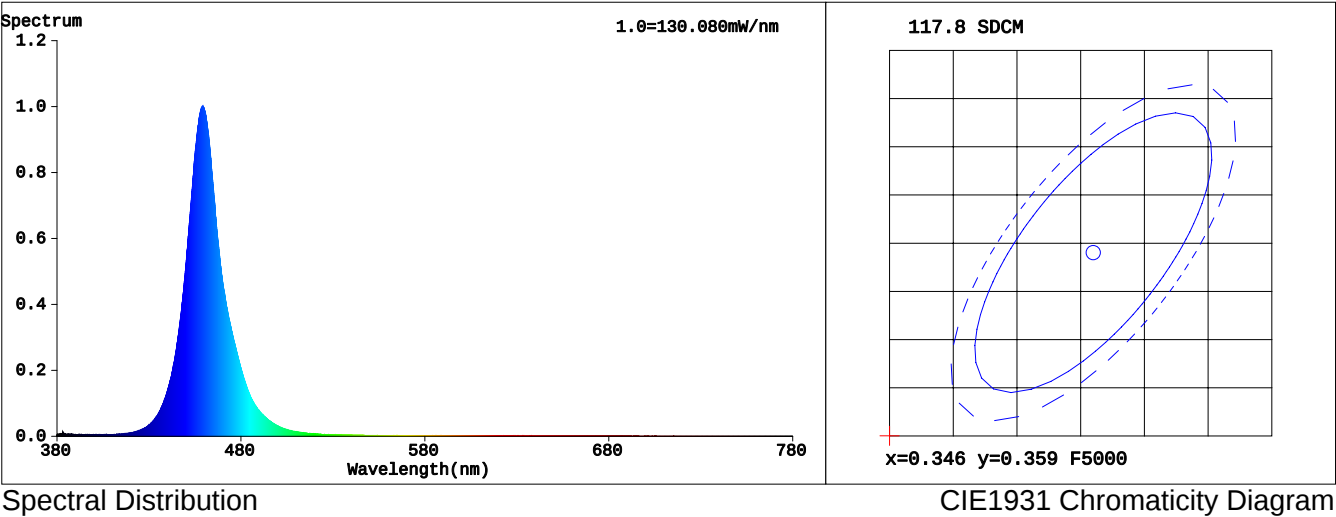
RH : 65.0%

IP : 52803 (81%)

T : 18 ms

Delicacy : High

Spectroradiometric Parameters



CIE Color Parameters:

Chromaticity Coordinate: x=0.1425 y=0.0460/u'=0.1744 v'=0.1267(duv=1.82e-01)
CCT:Tc>=100000K Prcp WaveL: λd=464.2nm Purity=97.2%
Peak WaveL:λp=459nm Half Width: Δλp=19.6nm Ratio:R=0.8% G=16.1% B=83.1%

Render Index:Ra=0.8

R1 =0

R2 =0

R3 =0

R4 =0

R5 =7

R6 =0

R7 =0

R8 =0

R9 =0

R10=0

R11=0

R12=0

R13=0

R14=0

R15=5

LEVEL: WHITE:OUT

Photo Parameters:

Flux = 184.3 lm Eff. : 10.89 lm/W Fe = 3.289 W

Electrical parameters:

V = 24.00 V I = 0.7053 A P = 16.93 W PF = 1.000

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Manufacturer :

Date : 2024-12-24

Instrument : HAAS-2000(EVERFINE)

Operator :

Test Condition

Temprature : 25.3Deg

Scan Range : 380nm-780nm

Test Type : Fast Test

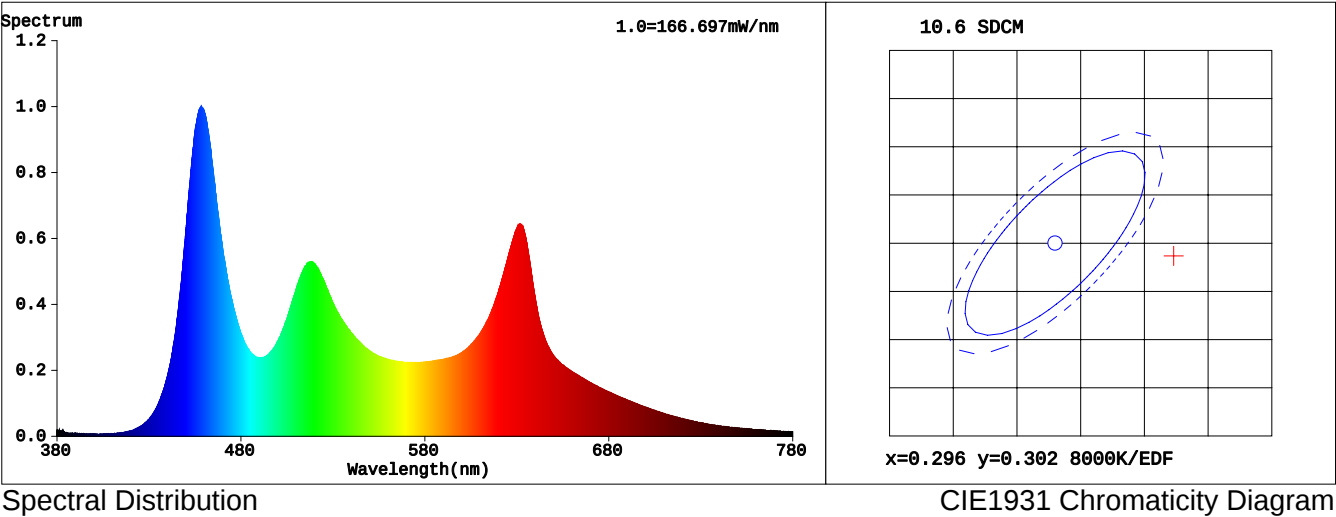
RH : 65.0%

IP : 56532 (86%)

T : 11 ms

Delicacy : High

Spectroradiometric Parameters



CIE Color Parameters:

Chromaticity Coordinate: x=0.3053 y=0.3007/u'=0.2036 v'=0.4512(duv=-8.03e-03)

CCT:Tc= 7320K Prcp WaveL: ~~473.6~~473.6nm Purity=12.8%

Peak WaveL:λp=458nm Half Width: Δλp=24.1nm Ratio:R=21.4% G=71.2% B=7.4%

Render Index:Ra=71.7

R1 =60	R2 =79	R3 =92	R4 =67	R5 =68	R6 =74	R7 =83	
R8 =50	R9 =0	R10=54	R11=57	R12=68	R13=63	R14=92	R15=53

LEVEL: WHITE:OUT

Photo Parameters:

Flux = 3884 lm Eff. : 42.10 lm/W Fe = 15.69 W

Electrical parameters:

V = 24.00 V I = 3.844 A P = 92.26 W PF = 1.000