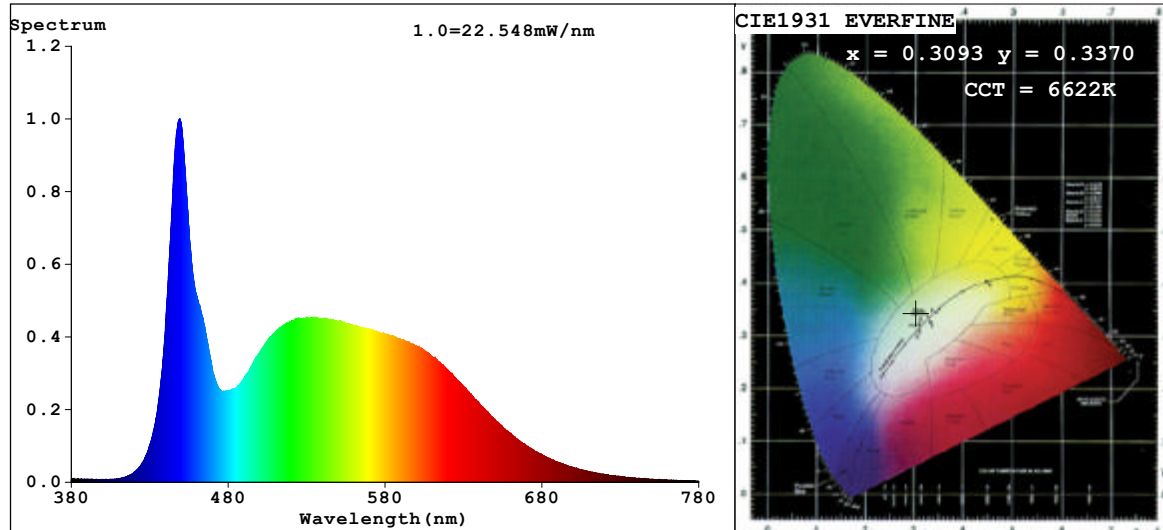


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3093$ $y=0.3370$ $u'=0.1926$ $v'=0.4720$

CCT=6622K (Duv=0.0089) Dominant WL: $L_d = 493.7nm$ Purity=7.9%

Ratio: R=13.1% G=81.1% B=5.8% Peak WL: $L_p = 449.1nm$ FWHM=19.7nm

Render Index: $R_a = 84.1$ AvgR=76.7

R1 =81	R2 =88	R3 =92	R4 =84	R5 =83	R6 =84	R7 =90	
R8 =71	R9 =9	R10=71	R11=83	R12=60	R13=83	R14=96	R15=76

Photo Parameters:

Flux = 653.8 lm Eff. : 128.51 lm/W $F_e = 2.098 W$

Electrical parameters:

V = 23.997 V I = 0.2120 A P = 5.087 W PF = 1.000

LEVEL:OUT WHITE:OUT

Status: Integral T = 322 ms $I_p = 54113 (83\%)$

Model:5050 RGBW6500K 120leds IP20

Tester:

Date:2025-10-14 16:28:13

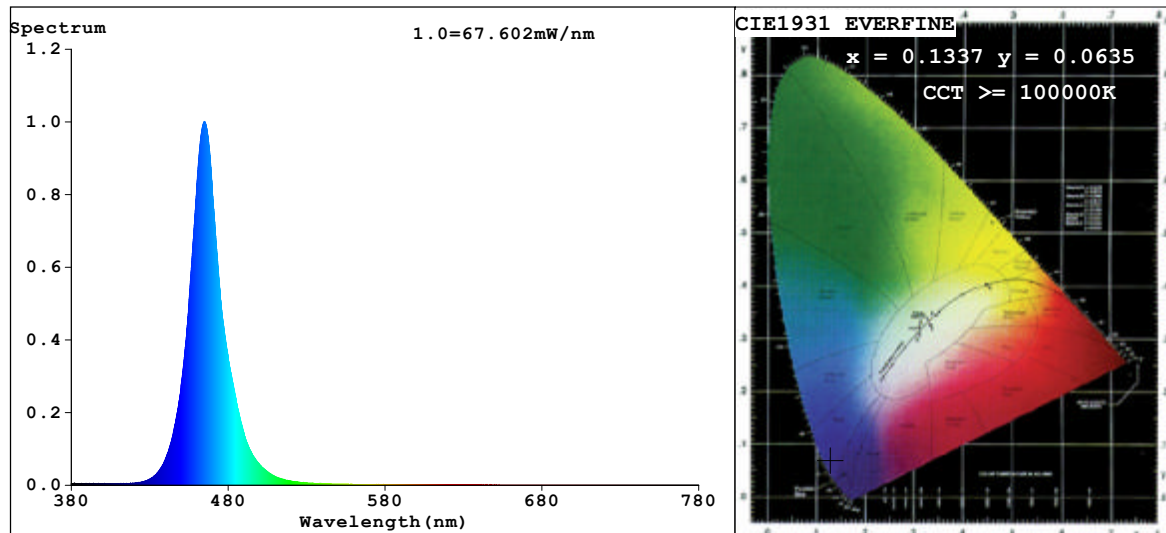
Temperature:Deg

Humidity:%

Manufacturer:

Remarks:1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1337$ $y=0.0635$ $u'=0.1530$ $v'=0.1636$

$CCT=100000K$ ($Duv=-0.1593$) Dominant WL: $\lambda_d = 469.1nm$ Purity=96.5%

Ratio: $R=0.5\%$ $G=17.1\%$ $B=82.4\%$ Peak WL: $\lambda_p = 464.9nm$ FWHM=20.5nm

Render Index: $R_a=0.6$ $AvgR=0.4$

R1 =0	R2 =0	R3 =0	R4 =0	R5 =5	R6 =0	R7 =0	
R8 =0	R9 =0	R10=0	R11=0	R12=0	R13=0	R14=0	R15=1

Photo Parameters:

Flux = 124.9 lm Eff. : 25.18 lm/W $F_e = 1.774 W$

Electrical parameters:

$V = 23.997 V$ $I = 0.2068 A$ $P = 4.963 W$ $PF = 1.000$

LEVEL:OUT WHITE:OUT

Status: Integral $T = 80 ms$ $I_p = 46310 (71\%)$

Model:5050 RGBW6500K 120leds IP20

Tester:

Date:2025-10-14 16:28:38

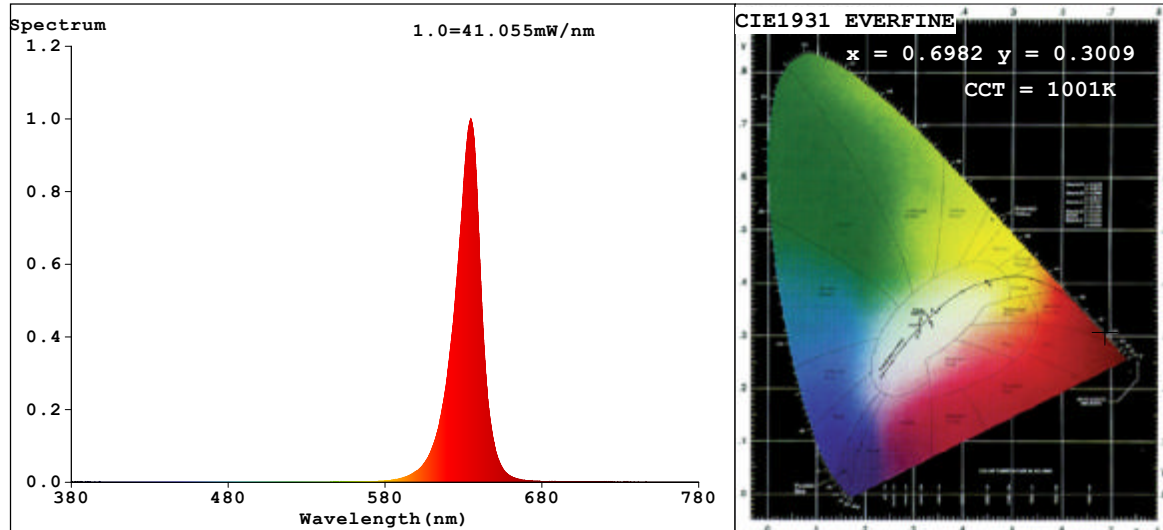
Temperature:Deg

Humidity:%

Manufacturer:

Remarks:1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.6982$ $y=0.3009$ $u'=0.5356$ $v'=0.5194$

CCT=1001K (Duv=-0.0881) Dominant WL:Ld =624.1nm Purity=99.8%

Ratio:R=96.1% G=3.9% B=0.0% Peak WL:Lp=634.7nm FWHM=16.9nm

Render Index:Ra=29.3 AvgR=32.2

R1 =11	R2 =79	R3 =35	R4 =0	R5 =8	R6 =91	R7 =10	
R8 =0	R9 =0	R10=74	R11=0	R12=79	R13=34	R14=62	R15=0

Photo Parameters:

Flux = 150.9 lm Eff. : 35.64 lm/W Fe = 839.4 mW

Electrical parameters:

V = 23.997 V I = 0.1764 A P = 4.233 W PF = 1.000

LEVEL:OUT WHITE:OUT

Status: Integral T = 146 ms Ip = 54541 (83%)

Model:5050 RGBW6500K 120leds IP20

Tester:

Date:2025-10-14 16:29:03

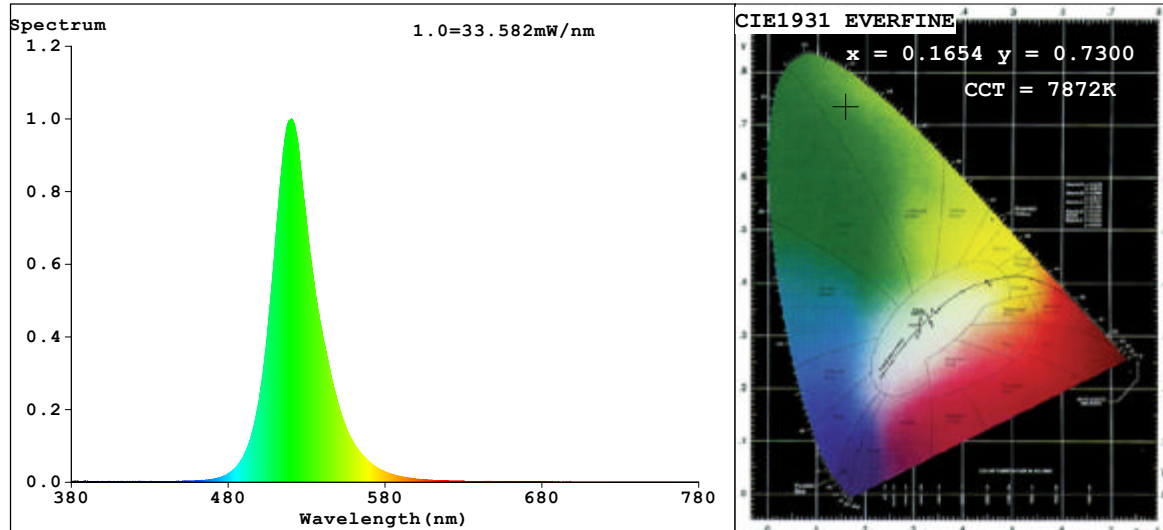
Temperature:Deg

Humidity:%

Manufacturer:

Remarks:1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1654$ $y=0.7300$ $u'=0.0579$ $v'=0.5749$

CCT=7872K (Duv=0.1593) Dominant WL: $L_d = 526.6\text{nm}$ Purity=81.4%

Ratio: R=0.3% G=98.0% B=1.7% Peak WL: $L_p = 520.5\text{nm}$ FWHM=29.3nm

Render Index: $R_a = 0.0$ AvgR=2.6

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=38	R15=0

Photo Parameters:

Flux = 587.0 lm Eff. : 114.20 lm/W $F_e = 1.201\text{ W}$

Electrical parameters:

V = 23.997 V I = 0.2142 A P = 5.140 W PF = 1.000

LEVEL:OUT WHITE:OUT

Status: Integral T = 146 ms $I_p = 54355$ (83%)

Model: 5050 RGBW6500K 120leds IP20

Tester:

Date: 2025-10-14 16:29:21

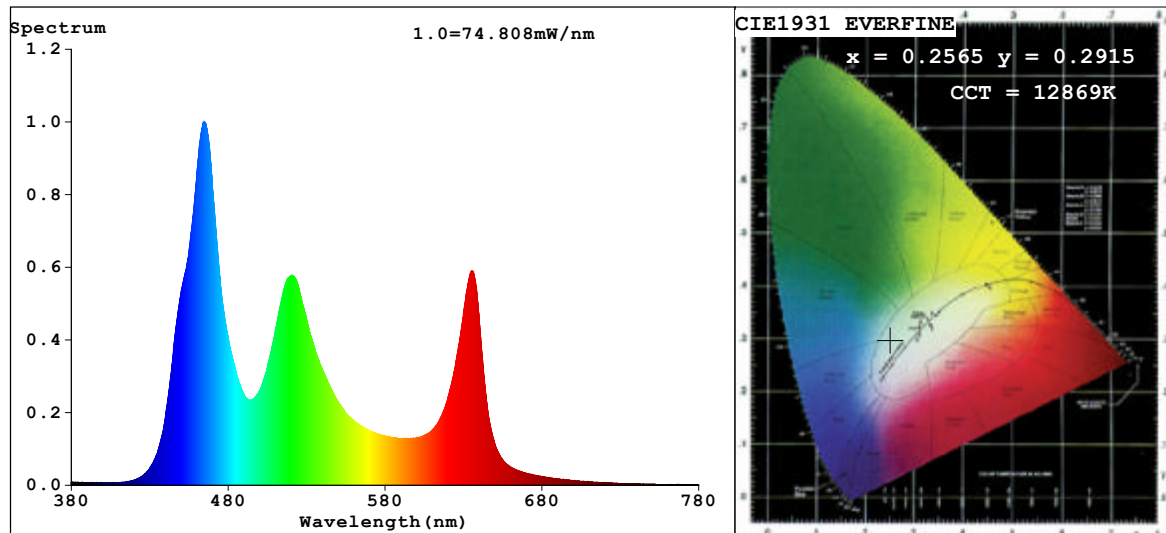
Temperature: Deg

Humidity: %

Manufacturer:

Remarks: 1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.2565$ $y=0.2915$ $u'=0.1715$ $v'=0.4384$

CCT=12869K(Duv=0.0169) Dominant WL:Ld =484.4nm Purity=29.3%

Ratio:R=15.0% G=74.9% B=10.1% Peak WL:Lp=464.9nm FWHM=27.7nm

Render Index:Ra=82.6 AvgR=74.7

R1 =81	R2 =86	R3 =91	R4 =87	R5 =90	R6 =86	R7 =79	
R8 =62	R9 =0	R10=70	R11=84	R12=67	R13=78	R14=93	R15=69

Photo Parameters:

Flux = 1483 lm Eff. : 76.90 lm/W Fe = 5.785 W

Electrical parameters:

V = 23.997 V I = 0.8035 A P = 19.28 W PF = 1.000

LEVEL:OUT WHITE:OUT

Status: Integral T = 73 ms Ip = 46719 (71%)

Model:5050 RGBW6500K 120leds IP20

Tester:

Date:2025-10-14 16:29:47

Temperature:Deg

Humidity:%

Manufacturer:

Remarks:1M