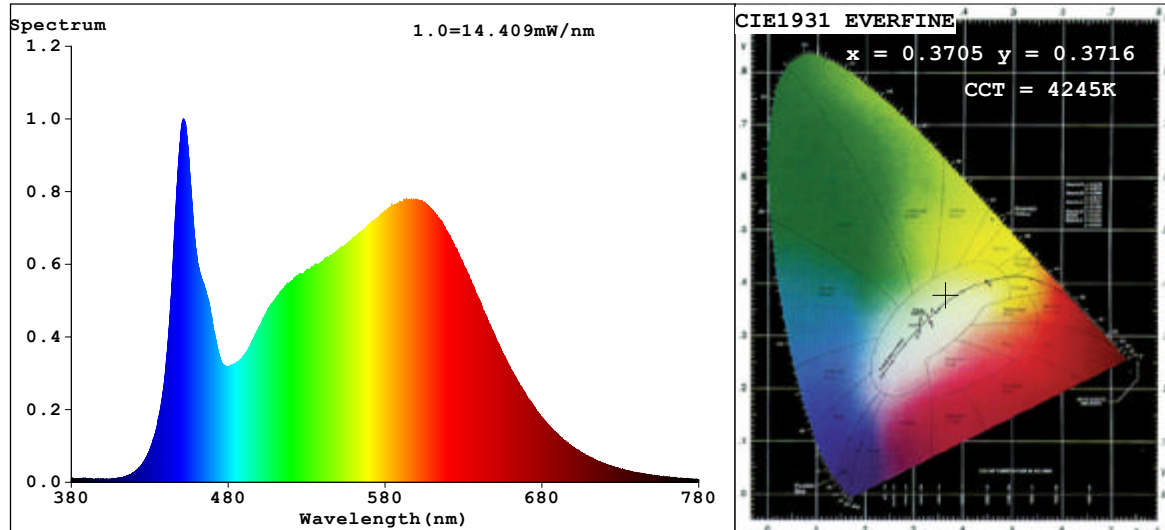


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3705$ $y=0.3716$ $u'=0.2206$ $v'=0.4978$

CCT=4245K (Duv=0.0006) Dominant WL: $L_d = 577.7\text{nm}$ Purity=22.7%

Ratio: R=18.1% G=77.6% B=4.3% Peak WL: $L_p = 451.5\text{nm}$ FWHM=24.0nm

Render Index: $R_a = 86.0$ $AvgR = 80.3$

R1 =85	R2 =93	R3 =96	R4 =84	R5 =85	R6 =89	R7 =87	
R8 =69	R9 =20	R10=82	R11=84	R12=65	R13=88	R14=99	R15=79

Photo Parameters:

Flux = 665.4 lm Eff. : 127.96 lm/W $F_e = 2.054\text{ W}$

Electrical parameters:

V = 23.997 V I = 0.2167 A P = 5.200 W PF = 1.000

LEVEL:OUT WHITE:ANSI_4000K

Status: Integral T = 448 ms $I_p = 52991$ (81%)

Model:5050 RGBW4000K 120leds IP20

Tester:

Temperature:Deg

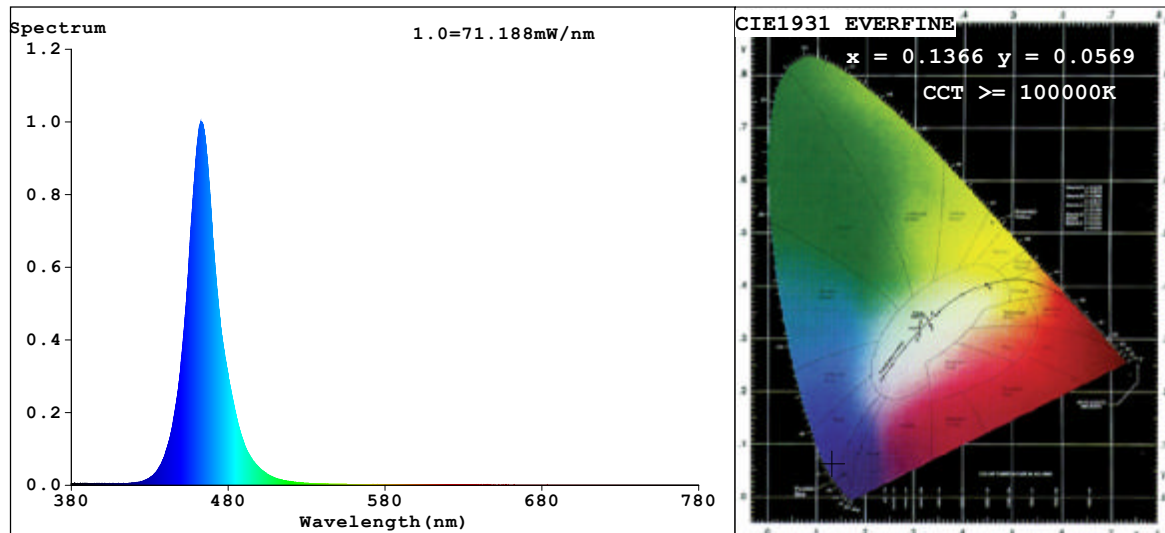
Manufacturer:

Date:2025-10-14 16:23:56

Humidity:%

Remarks:1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1366$ $y=0.0569$ $u'=0.1603$ $v'=0.1502$

$CCT=100000K$ ($Duv=-0.1671$) Dominant WL: $\lambda_d = 467.5nm$ Purity=96.8%

Ratio: $R=0.5\%$ $G=16.1\%$ $B=83.4\%$ Peak WL: $\lambda_p = 462.5nm$ FWHM=20.4nm

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=2

Photo Parameters:

Flux = 120.7 lm Eff. : 24.08 lm/W $F_e = 1.848 W$

Electrical parameters:

$V = 23.997 V$ $I = 0.2089 A$ $P = 5.013 W$ $PF = 1.000$

LEVEL:OUT WHITE:OUT

Status: Integral $T = 56 ms$ $I_p = 33268 (51\%)$

Model:5050 RGBW4000K 120leds IP20

Tester:

Date:2025-10-14 16:24:31

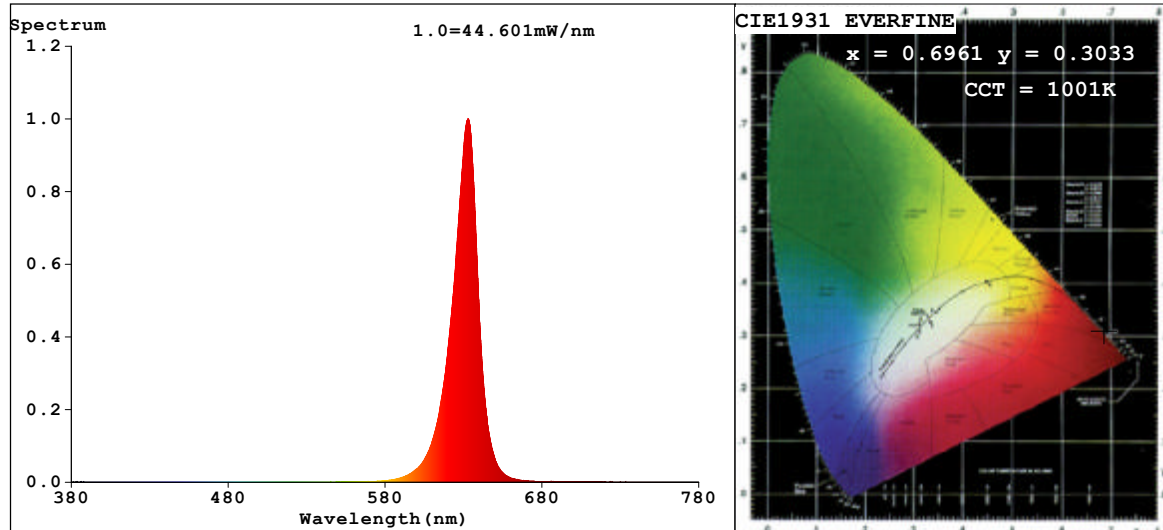
Temperature:Deg

Humidity:%

Manufacturer:

Remarks:1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.6961$ $y=0.3033$ $u'=0.5307$ $v'=0.5202$

CCT=1001K (Duv=-0.0832) Dominant WL: $L_d = 622.7\text{nm}$ Purity=99.8%

Ratio: R=95.8% G=4.2% B=0.0% Peak WL: $L_p = 633.1\text{nm}$ FWHM=16.6nm

Render Index: $R_a = 28.8$ $\text{AvgR} = 31.8$

R1 =10	R2 =79	R3 =34	R4 =0	R5 =6	R6 =91	R7 =9	
R8 =0	R9 =0	R10=73	R11=0	R12=79	R13=33	R14=62	R15=0

Photo Parameters:

Flux = 172.6 lm Eff. : 40.61 lm/W $F_e = 902.0\text{ mW}$

Electrical parameters:

V = 23.997 V I = 0.1771 A P = 4.250 W PF = 1.000

LEVEL:OUT WHITE:OUT

Status: Integral T = 133 ms $I_p = 54269$ (83%)

Model: 5050 RGBW4000K 120leds IP20

Tester:

Date: 2025-10-14 16:24:49

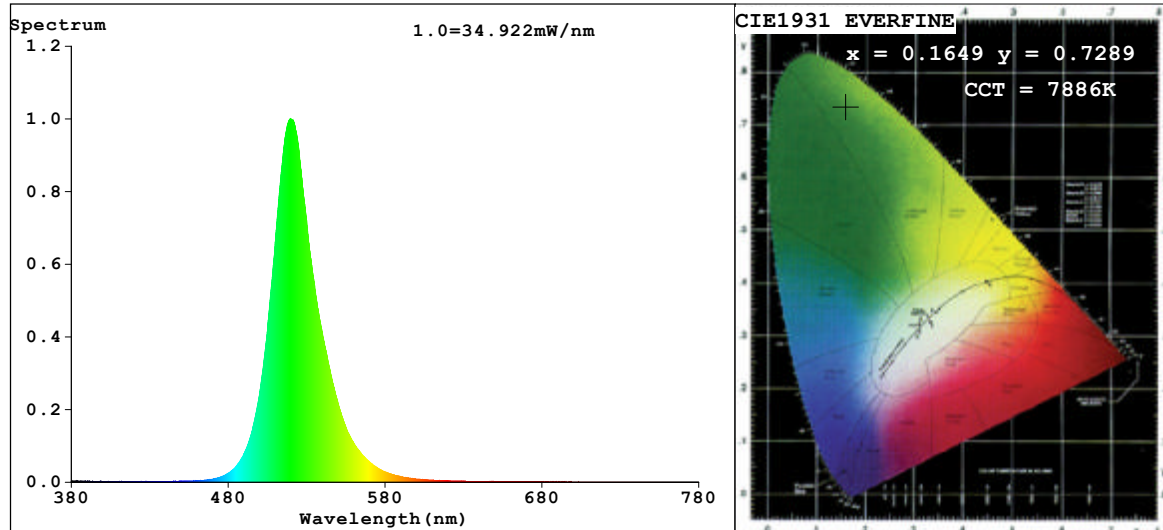
Temperature: Deg

Humidity: %

Manufacturer:

Remarks: 1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1649$ $y=0.7289$ $u'=0.0578$ $v'=0.5746$

CCT=7886K (Duv=0.1593) Dominant WL: $L_d = 526.4\text{nm}$ Purity=81.1%

Ratio: R=0.3% G=97.9% B=1.8% Peak WL: $L_p = 519.6\text{nm}$ FWHM=29.6nm

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=39	R15=0

Photo Parameters:

Flux = 613.1 lm Eff. : 115.45 lm/W $F_e = 1.259$ W

Electrical parameters:

V = 23.997 V I = 0.2213 A P = 5.311 W PF = 1.000

LEVEL:OUT WHITE:OUT

Status: Integral T = 133 ms $I_p = 51522$ (79%)

Model:5050 RGBW4000K 120leds IP20

Tester:

Date:2025-10-14 16:25:11

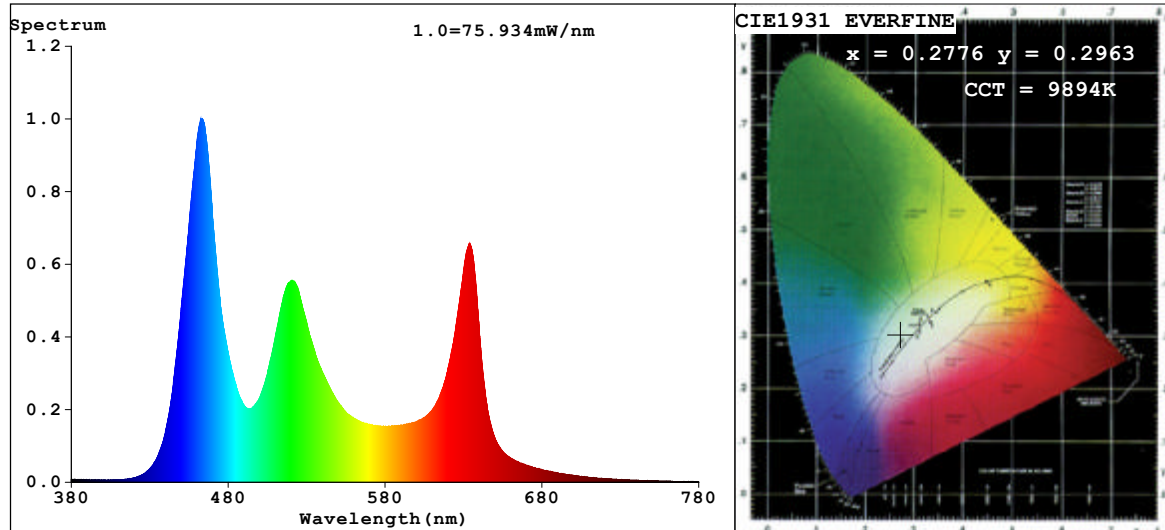
Temperature:Deg

Humidity:%

Manufacturer:

Remarks:1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.2776$ $y=0.2963$ $u'=0.1851$ $v'=0.4444$

CCT=9894K (Duv=0.0060) Dominant WL: $\lambda_d = 482.6\text{nm}$ Purity=22.0%

Ratio: R=17.8% G=73.1% B=9.1% Peak WL: $\lambda_p = 463.5\text{nm}$ FWHM=24.3nm

Render Index: Ra=75.2 AvgR=67.7

R1 =67	R2 =82	R3 =90	R4 =76	R5 =77	R6 =80	R7 =78	
R8 =51	R9 =0	R10=60	R11=70	R12=67	R13=68	R14=91	R15=58

Photo Parameters:

Flux = 1529 lm Eff. : 77.93 lm/W $F_e = 5.898\text{ W}$

Electrical parameters:

V = 23.997 V I = 0.8174 A P = 19.62 W PF = 1.000

LEVEL:OUT WHITE:OUT

Status: Integral T = 66 ms $I_p = 42018$ (64%)

Model:5050 RGBW4000K 120leds IP20

Tester:

Date:2025-10-14 16:25:50

Temperature:Deg

Humidity:%

Manufacturer:

Remarks:1M