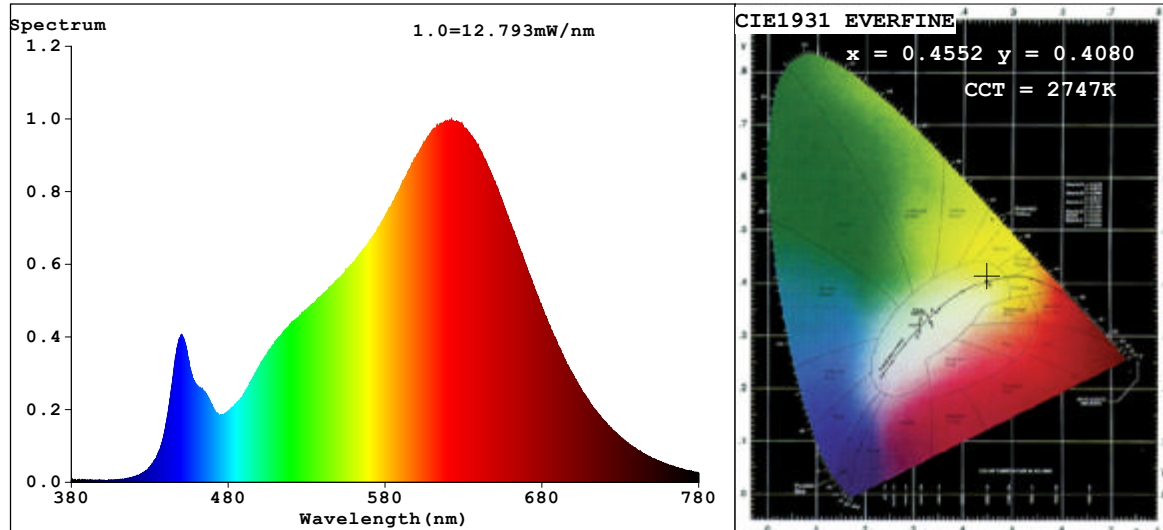


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4552$ $y=0.4080$ $u'=0.2606$ $v'=0.5257$

CCT=2747K (Duv=-0.0005) Dominant WL:Ld =584.2nm Purity=59.1%

Ratio:R=26.2% G=71.2% B=2.6% Peak WL:Lp=622.4nm FWHM=142.6nm

Render Index:Ra=93.2 AvgR=90.6

R1 =94	R2 =97	R3 =99	R4 =94	R5 =94	R6 =97	R7 =91	
R8 =80	R9 =57	R10=93	R11=95	R12=86	R13=95	R14=99	R15=89

Photo Parameters:

Flux = 584.5 lm Eff. : 85.97 lm/W Fe = 2.027 W

Electrical parameters:

V = 23.997 V I = 0.2833 A P = 6.798 W PF = 1.000

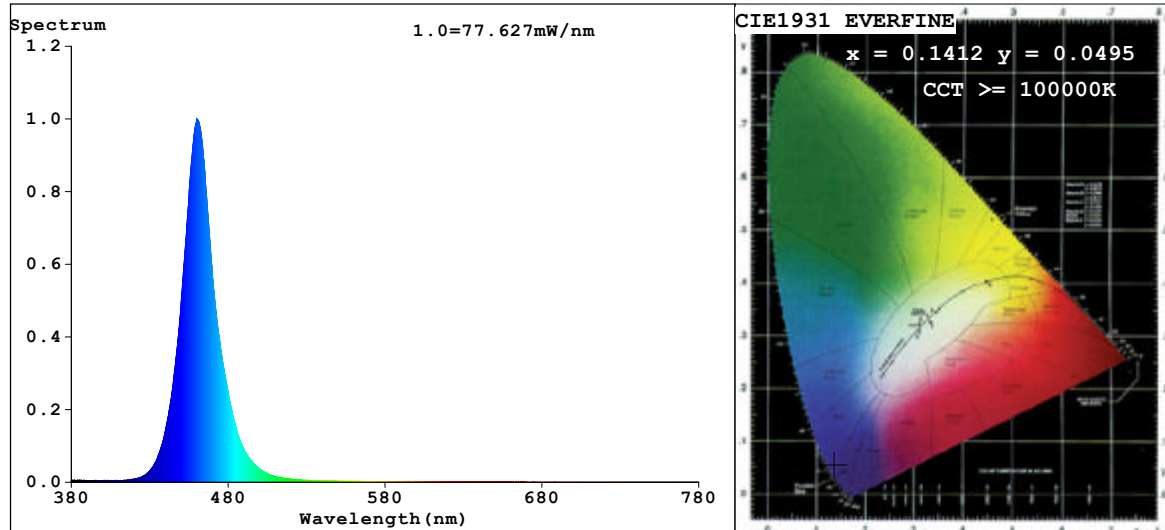
LEVEL:OUT WHITE:ANSI_2700K

Status: Integral T = 431 ms Ip = 54431 (83%)

Model:5050 RGB CCT 120
Tester:
Temperature:Deg
Manufacturer:

Number:4
Date:2025-09-18 19:18:14
Humidity:%
Remarks:1m

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1412$ $y=0.0495$ $u'=0.1705$ $v'=0.1345$

CCT=100000K(Duv=-0.1765) Dominant WL: $\lambda_d = 465.2\text{nm}$ Purity=96.9%

Ratio: R=0.8% G=16.3% B=82.9% Peak WL: $\lambda_p = 460.1\text{nm}$ FWHM=21.4nm

Render Index: Ra=1.0 AvgR=0.9

R1 =0	R2 =0	R3 =0	R4 =0	R5 =8	R6 =0	R7 =0	
R8 =0	R9 =0	R10=0	R11=0	R12=0	R13=0	R14=0	R15=6

Photo Parameters:

Flux = 123.2 lm Eff. : 19.44 lm/W Fe = 2.076 W

Electrical parameters:

V = 23.997 V I = 0.2641 A P = 6.338 W PF = 1.000

LEVEL:OUT WHITE:OUT

Status: Integral T = 53 ms Ip = 34561 (53%)

Model:5050 RGB CCT 120

Tester:

Temperature:Deg

Manufacturer:

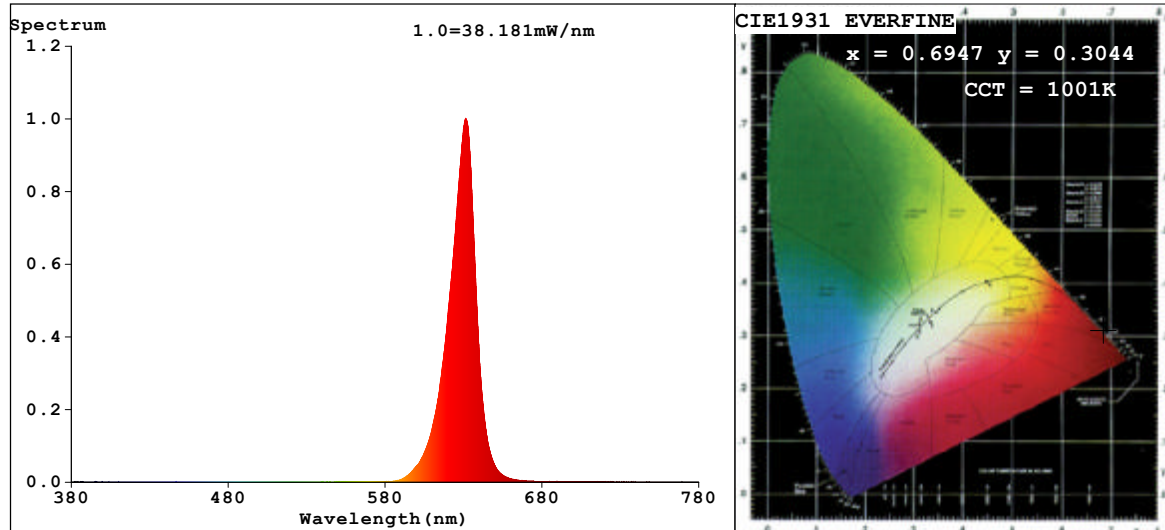
Number:5

Date:2025-09-18 19:18:37

Humidity:%

Remarks:1m

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.6947$ $y=0.3044$ $u'=0.5279$ $v'=0.5205$

CCT=1001K (Duv=-0.0804) Dominant WL: $\lambda_d = 622.0\text{nm}$ Purity=99.8%

Ratio: R=96.9% G=3.1% B=0.0% Peak WL: $\lambda_p = 631.5\text{nm}$ FWHM=17.3nm

Render Index: $R_a = 26.3$ $\text{AvgR} = 30.1$

R1 = 6	R2 = 79	R3 = 29	R4 = 0	R5 = 1	R6 = 91	R7 = 3	
R8 = 0	R9 = 0	R10 = 73	R11 = 0	R12 = 79	R13 = 31	R14 = 59	R15 = 0

Photo Parameters:

Flux = 157.8 lm Eff. : 28.69 lm/W $F_e = 782.8\text{ mW}$

Electrical parameters:

V = 23.997 V I = 0.2291 A P = 5.498 W PF = 1.000

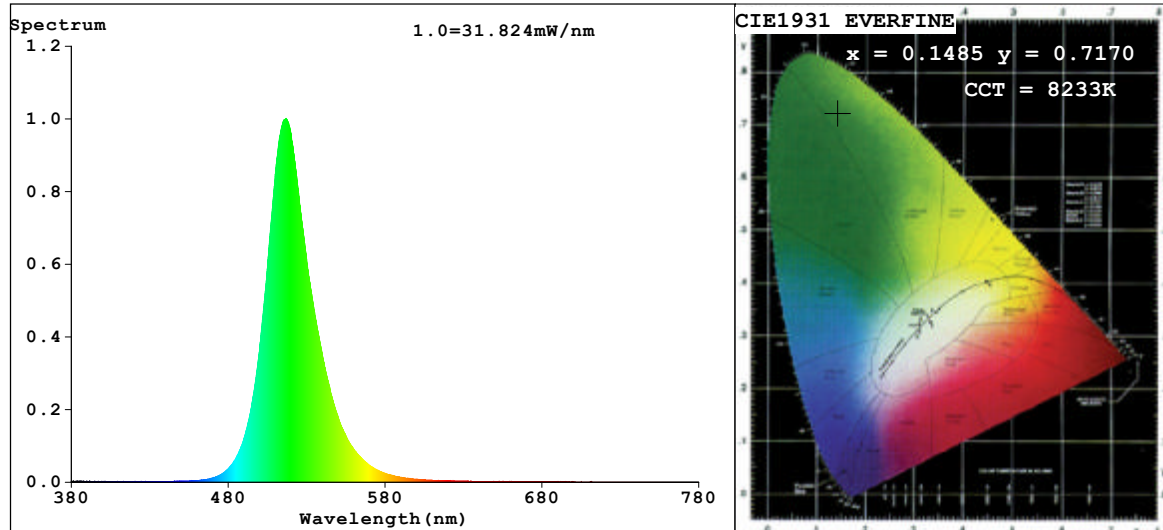
LEVEL: OUT WHITE: OUT

Status: Integral T = 154 ms $I_p = 54323$ (83%)

Model: 5050 RGB CCT 120
Tester:
Temperature: Deg
Manufacturer:

Number: 6
Date: 2025-09-18 19:18:56
Humidity: %
Remarks: 1m

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1485$ $y=0.7170$ $u'=0.0525$ $v'=0.5707$

CCT=8233K (Duv=0.1626) Dominant WL: $L_d = 522.3\text{nm}$ Purity=76.8%

Ratio: R=0.3% G=96.9% B=2.8% Peak WL: $L_p = 516.9\text{nm}$ FWHM=30.7nm

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 = 536.4 lm Eff. : 83.04 lm/W $F_e = 1.175\text{ W}$

Electrical parameters:

V = 23.997 V I = 0.2692 A P = 6.460 W PF = 1.000

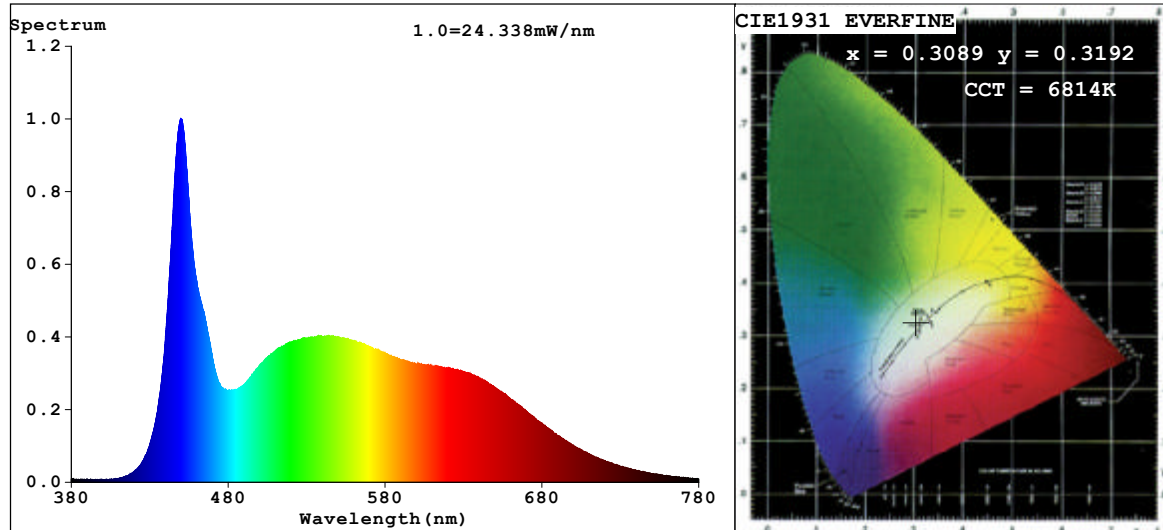
LEVEL:OUT WHITE:OUT

Status: Integral T = 154 ms $I_p = 54760$ (84%)

Model:5050 RGB CCT 120
Tester:
Temperature:Deg
Manufacturer:

Number:7
Date:2025-09-18 19:19:18
Humidity:%
Remarks:1m

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3089$ $y=0.3192$ $u'=0.1989$ $v'=0.4624$

$CCT=6814K$ ($Duv=0.0000$) Dominant WL: $Ld = 483.9nm$ Purity=9.4%

Ratio: $R=14.9\%$ $G=78.8\%$ $B=6.3\%$ Peak WL: $Lp=449.8nm$ FWHM=20.9nm

Render Index: $Ra=93.1$ $AvgR=90.2$

R1 =94	R2 =94	R3 =91	R4 =94	R5 =93	R6 =89	R7 =96	
R8 =94	R9 =80	R10=84	R11=93	R12=66	R13=95	R14=95	R15=95

Photo Parameters:

Flux = 641.8 lm Eff. : 94.04 lm/W $F_e = 2.331 W$

Electrical parameters:

$V = 23.997 V$ $I = 0.2844 A$ $P = 6.825 W$ $PF = 1.000$

LEVEL:OUT WHITE:ANSI_6500K

Status: Integral $T = 286 ms$ $I_p = 54203 (83\%)$

Model:5050 RGB CCT 120

Tester:

Temperature:Deg

Manufacturer:

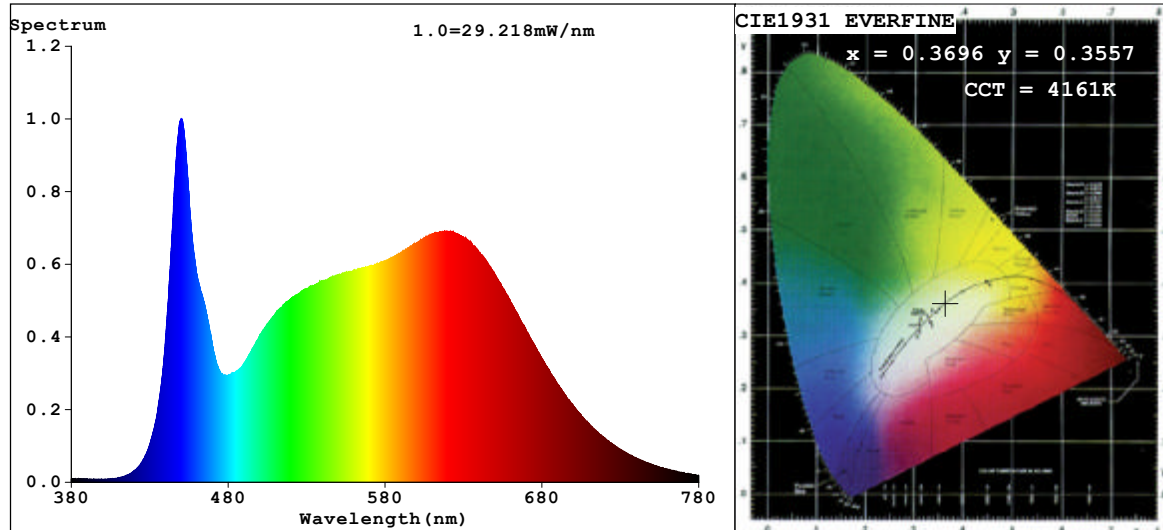
Number:8

Date:2025-09-18 19:19:38

Humidity:%

Remarks:1m

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3696$ $y=0.3557/u'=0.2264$ $v'=0.4903$

CCT=4161K (Duv=-0.0069) Dominant WL:Ld =584.1nm Purity=17.6%

Ratio:R=20.3% G=75.2% B=4.6% Peak WL:Lp=450.1nm FWHM=22.5nm

Render Index:Ra=96.0 AvgR=94.3

R1 =98	R2 =98	R3 =95	R4 =96	R5 =97	R6 =94	R7 =95	
R8 =94	R9 =86	R10=94	R11=95	R12=76	R13=99	R14=97	R15=99

Photo Parameters:

Flux = 1213 lm Eff. : 89.52 lm/W Fe = 4.313 W

Electrical parameters:

V = 23.997 V I = 0.5645 A P = 13.55 W PF = 1.000

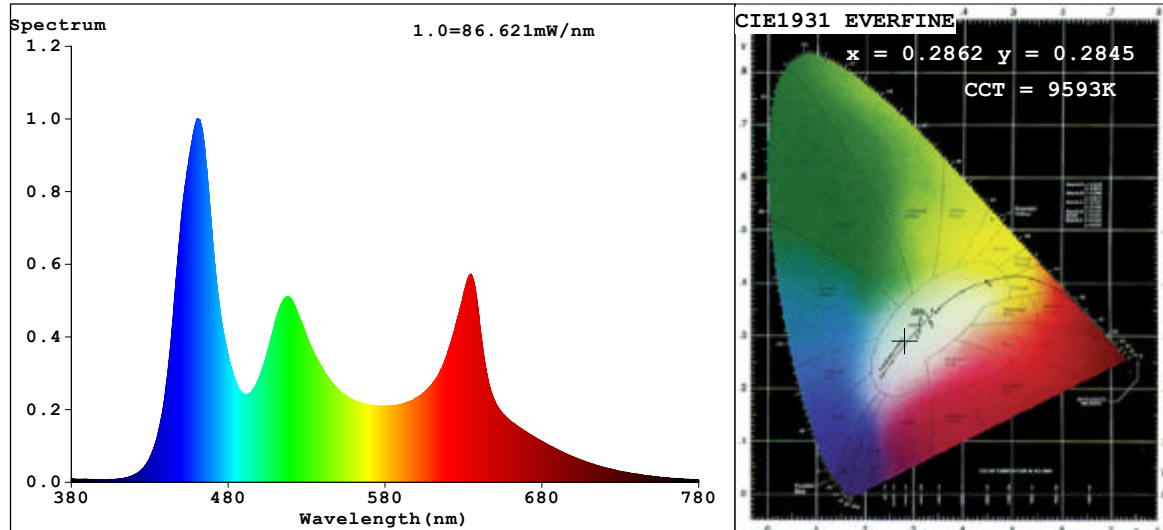
LEVEL:OUT WHITE:OUT

Status: Integral T = 143 ms Ip = 32622 (50%)

Model:5050 RGB CCT 120
Tester:
Temperature:Deg
Manufacturer:

Number:9
Date:2025-09-18 19:20:11
Humidity:%
Remarks:1m

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.2862$ $y=0.2845$ $u'=0.1960$ $v'=0.4383$

CCT=9593K (Duv=-0.0056) Dominant WL: $\lambda_d = 476.3\text{nm}$ Purity=20.7%

Ratio: R=18.6% G=72.5% B=8.8% Peak WL: $\lambda_p = 460.1\text{nm}$ FWHM=28.2nm

Render Index: Ra=74.6 AvgR=66.8

R1 =64	R2 =80	R3 =92	R4 =72	R5 =73	R6 =79	R7 =83	
R8 =54	R9 =0	R10=58	R11=64	R12=68	R13=67	R14=92	R15=56

Photo Parameters:

Flux = 1937 lm Eff. : 61.04 lm/W $F_e = 7.982\text{ W}$

Electrical parameters:

V = 23.997 V I = 1.322 A P = 31.73 W PF = 1.000

LEVEL:OUT WHITE:OUT

Status: Integral T = 71 ms $I_p = 51932$ (79%)

Model:5050 RGB CCT 120
Tester:
Temperature:Deg
Manufacturer:

Number:10
Date:2025-09-18 19:20:45
Humidity:%
Remarks:1m