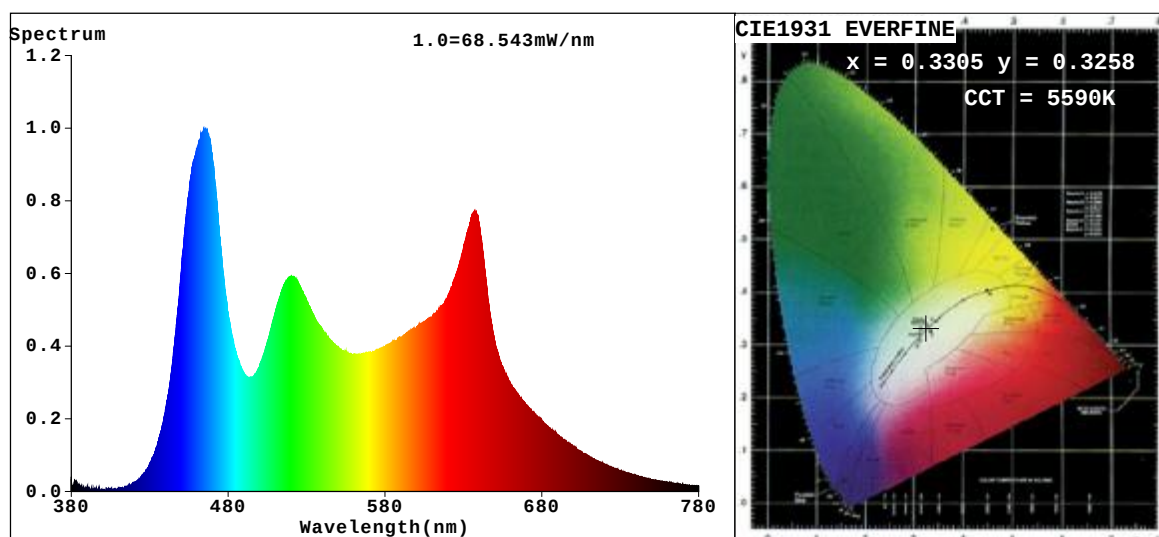


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3305$ $y=0.3258$ $u'=0.2116$ $v'=0.4693$

CCT=5590K (Duv=-0.0072) Dominant WL:Ld =380.0nm Purity=2.2%

Ratio:R=20.1% G=72.7% B=7.1% Peak WL:Lp=464.4nm FWHM=32.0nm

Render Index:Ra=81.8

R1 =75 R2 =84 R3 =95 R4 =82 R5 =78 R6 =79 R7 =89

R8 =73 R9 =24 R10=67 R11=77 R12=70 R13=76 R14=96 R15=72

Photo Parameters:

Flux = 2282 lm Eff. : 69.74 lm/W Fe = 8.673 W Scotopic:5594.4 S/P:2.4514

Photosynthetic:PPF:38.658umol/m²/s PAR WATT:8378.6mW/m²(400-700nm)

Electrical parameters:

V = 23.998 V I = 1.363 A P = 32.72 W PF = 1.000

LEVEL:OUT WHITE:OUT

Status: Integral T = 70 ms Ip = 32935 (50%)

Model:112D 24V 32W RGB1800K6500K Number:521

Tester:

Date:2019-08-28

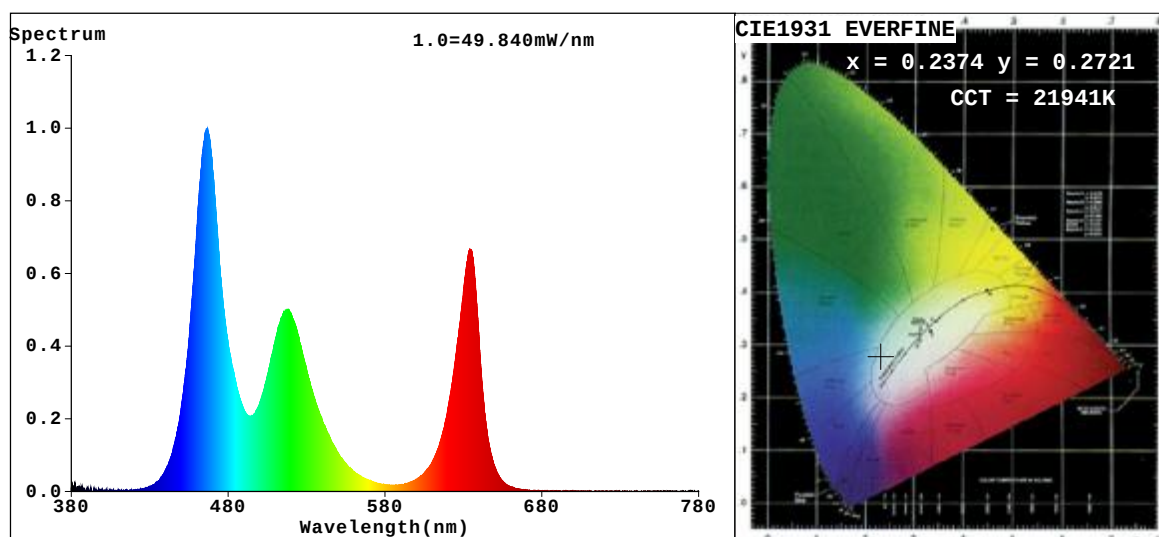
Temperature:26DegDeg

Humidity:65%%

Manufacturer:Unitop

Remarks:R391 GB131 W62R W62R 11581

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.2374$ $y=0.2721$ $u'=0.1640$ $v'=0.4229$

CCT=21941K(Duv=0.0204) Dominant WL:Ld =483.0nm Purity=37.6%

Ratio:R=19.0% G=67.3% B=13.7% Peak WL:Lp=466.7nm FWHM=20.8nm

Render Index:Ra=53.2

R1 =47 R2 =61 R3 =68 R4 =64 R5 =66 R6 =58 R7 =54

R8 =8 R9 =0 R10=6 R11=63 R12=65 R13=45 R14=79 R15=26

Photo Parameters:

Flux = 662.3 lm Eff. : 52.25 lm/W Fe = 2.931 W Scotopic:2760.8 S/P:4.1689

Photosynthetic:PPF:12.826 μ mol/m²/s PAR WATT:2923.7mW/m²(400-700nm)

Electrical parameters:

V = 23.998 V I = 0.5282 A P = 12.68 W PF = 1.000

LEVEL:OUT

WHITE:OUT

Status: Integral T = 139 ms Ip = 45849 (70%)

Model:RGB

Tester:

Temperature:26DegDeg

Manufacturer:Unitop

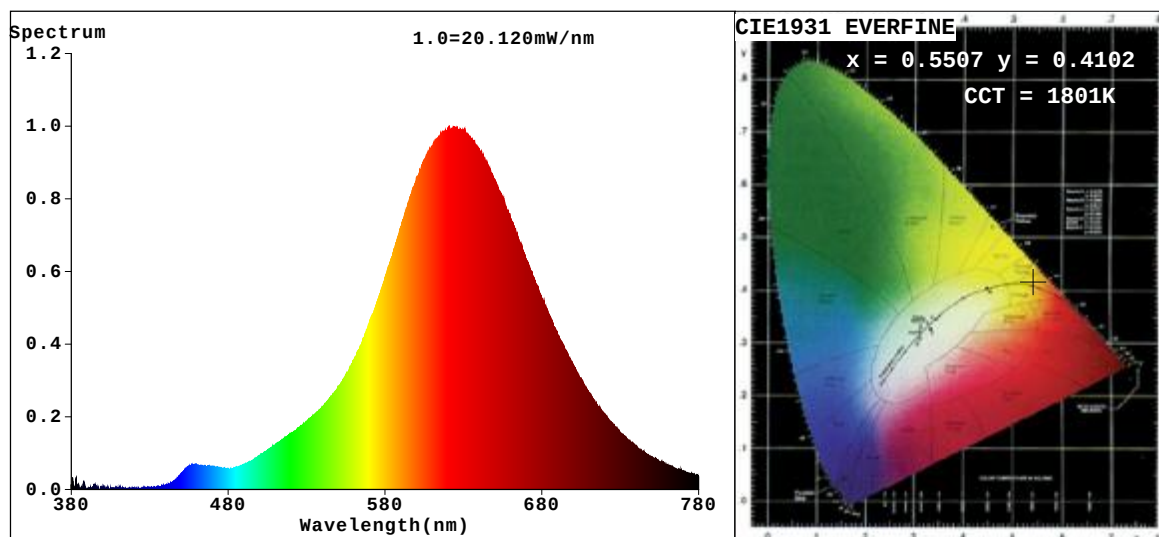
Number:522

Date:2019-08-28

Humidity:65%%

Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.5507$ $y=0.4102$ $u'=0.3229$ $v'=0.5413$

CCT=1801K(Duv=0.0007) Dominant WL:Ld =590.7nm Purity=88.4%

Ratio:R=37.0% G=62.1% B=1.0% Peak WL:Lp=621.0nm FWHM=109.1nm

Render Index:Ra=80.7

R1 =79 R2 =93 R3 =92 R4 =75 R5 =79 R6 =95 R7 =78

R8 =54 R9 =15 R10=86 R11=75 R12=87 R13=82 R14=97 R15=71

Photo Parameters:

Flux = 647.7 lm Eff. : 71.52 lm/W Fe = 2.558 W Scotopic:473.64 S/P:0.73124

Photosynthetic:PPF:11.948umol/m2/s PAR WATT:2328.1mW/m2(400-700nm)

Electrical parameters:

V = 23.998 V I = 0.3774 A P = 9.057 W PF = 1.000

LEVEL:OUT

WHITE:OUT

Status: Integral T = 229 ms Ip = 44829 (68%)

Model:1800K

Tester:

Temperature:26DegDeg

Manufacturer:Unitop

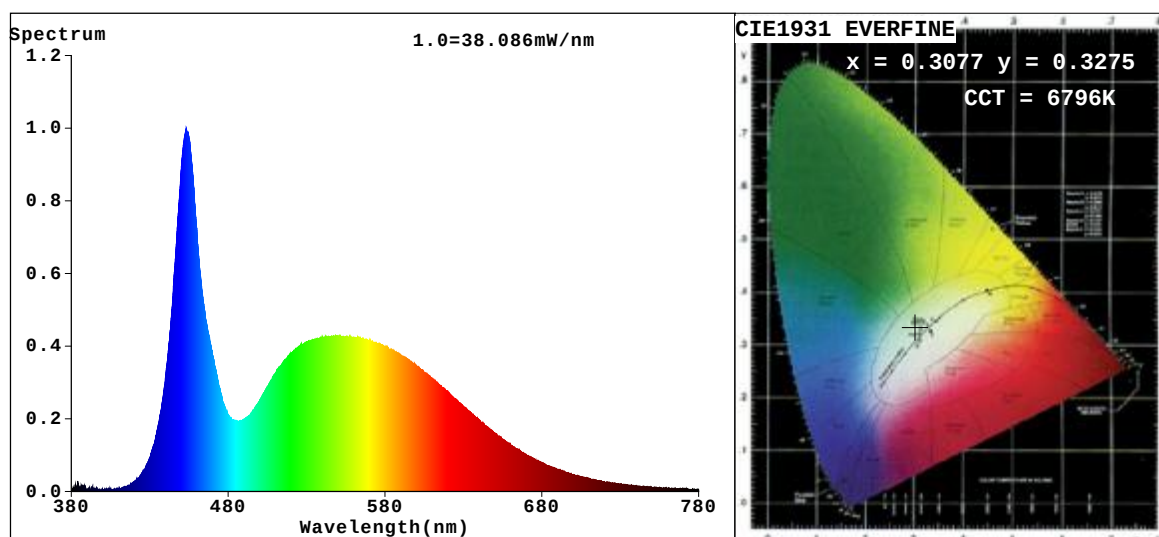
Number:523

Date:2019-08-28

Humidity:65%%

Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3077$ $y=0.3275$ $u'=0.1949$ $v'=0.4668$

$CCT=6796K$ ($Duv=0.0050$) Dominant WL: $L_d = 488.8nm$ Purity=9.1%

Ratio: R=12.8% G=81.6% B=5.6% Peak WL: $L_p=453.3nm$ FWHM=21.0nm

Render Index: $R_a=81.2$

R1 =79 R2 =86 R3 =89 R4 =79 R5 =79 R6 =80 R7 =88

R8 =69 R9 =4 R10=66 R11=77 R12=50 R13=81 R14=94 R15=75

Photo Parameters:

Flux = 1025 lm Eff. : 118.24 lm/W $F_e = 3.323 W$ Scotopic: 2325.3 S/P: 2.2695

Photosynthetic: PPF: 14.628 $\mu mol/m^2/s$ PAR WATT: 3262.6 mW/m^2 (400-700nm)

Electrical parameters:

V = 23.998 V I = 0.3611 A P = 8.666 W PF = 1.000

LEVEL: OUT

WHITE: ANSI_6500K

Status: Integral T = 196 ms $I_p = 45581$ (70%)

Model: 6500K

Tester:

Temperature: 26Deg

Manufacturer: Unitop

Number: 524

Date: 2019-08-28

Humidity: 65%

Remarks: