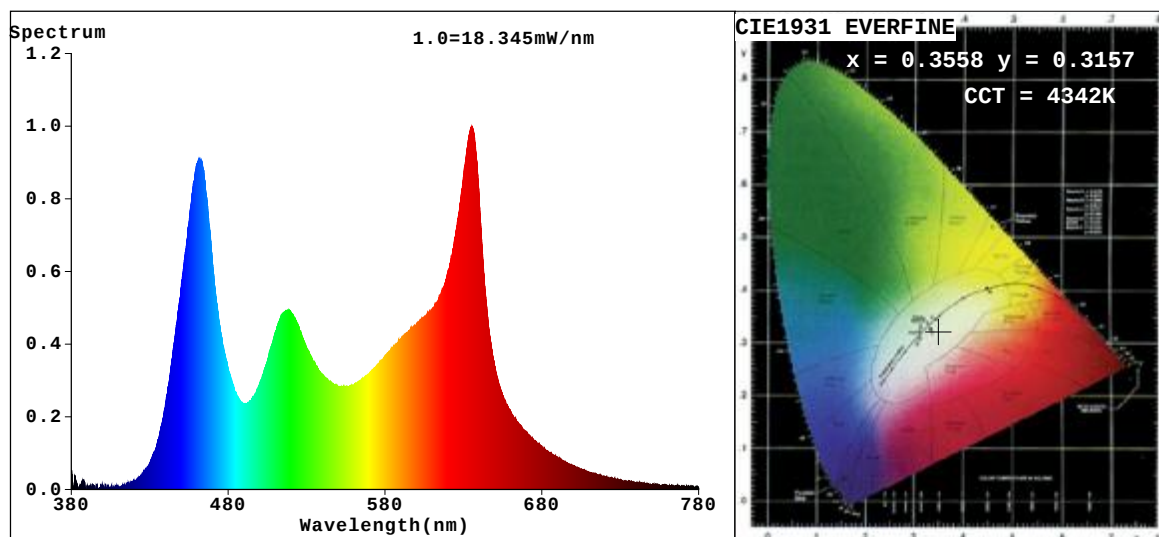


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3558$ $y=0.3157$ / $u'=0.2342$ $v'=0.4676$

CCT=4342K(Duv=-0.0237) Dominant WL:Ld =650.0nm Purity=7.2%

Ratio:R=25.1% G=68.6% B=6.4% Peak WL:Lp=635.4nm FWHM=34.2nm

Render Index:Ra=71.8

R1 =63 R2 =73 R3 =88 R4 =70 R5 =63 R6 =61 R7 =90

R8 =65 R9 =5 R10=43 R11=57 R12=49 R13=62 R14=94 R15=59

Photo Parameters:

Flux = 529.4 lm Eff. : 45.77 lm/W Fe = 2.007 W Scotopic:1199.8 S/P:2.2662

Photosynthetic:PPF:9.1386 μ mol/m²/s PAR WATT:1968.3mW/m²(400-700nm)

Electrical parameters:

V = 11.997 V I = 0.9641 A P = 11.57 W PF = 1.000

LEVEL:OUT

WHITE:OUT

Status: Integral T = 257 ms Ip = 42089 (64%)

Model:48D 12V 12W RGB2700K

Tester:

Temperature:26DegDeg

Manufacturer:Unitop

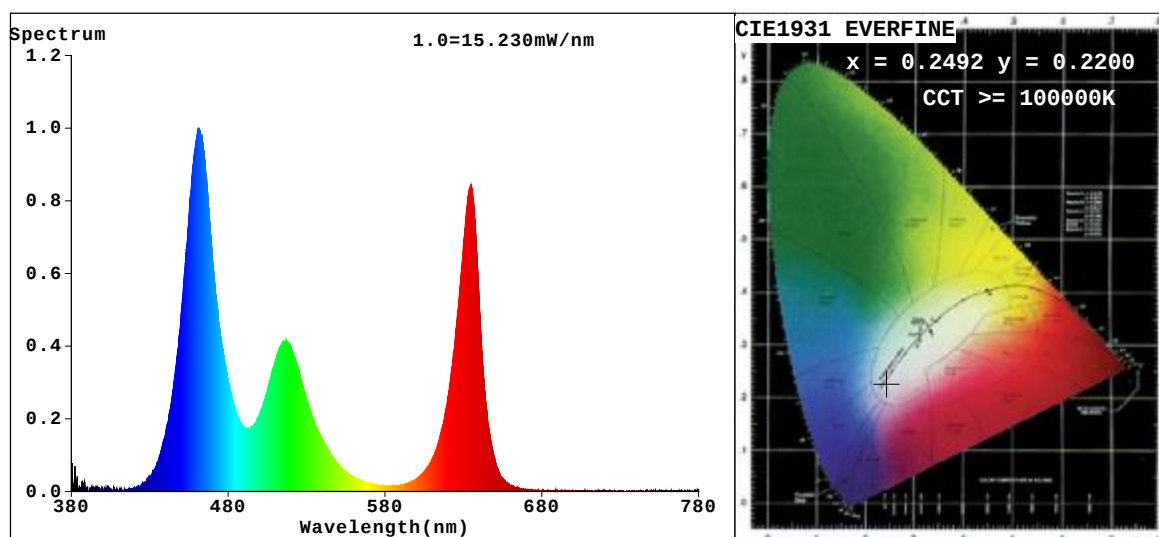
Number:541

Date:2019-08-29

Humidity:65%%

Remarks:301 111 301 561 10953

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.2492$ $y=0.2200$ $u'=0.1939$ $v'=0.3851$

CCT=100000K (Duv=-0.0161) Dominant WL:Ld =469.2nm Purity=40.6%

Ratio:R=25.7% G=60.0% B=14.3% Peak WL:Lp=461.0nm FWHM=23.0nm

Render Index:Ra=28.4

R1 =0 R2 =35 R3 =66 R4 =19 R5 =21 R6 =36 R7 =50

R8 =0 R9 =0 R10=0 R11=0 R12=40 R13=0 R14=74 R15=0

Photo Parameters:

Flux = 178.8 lm Eff. : 28.77 lm/W Fe = 927.0 mW Scotopic:770.95 S/P:4.3125

Photosynthetic:PPF:4.0546 μ mol/m²/s PAR WATT:922.82mW/m²(400-700nm)

Electrical parameters:

V = 11.997 V I = 0.5180 A P = 6.214 W PF = 1.000

LEVEL:OUT

WHITE:OUT

Status: Integral T = 257 ms Ip = 29500 (45%)

Model: RGB

Tester:

Temperature:26DegDeg

Manufacturer:Unitop

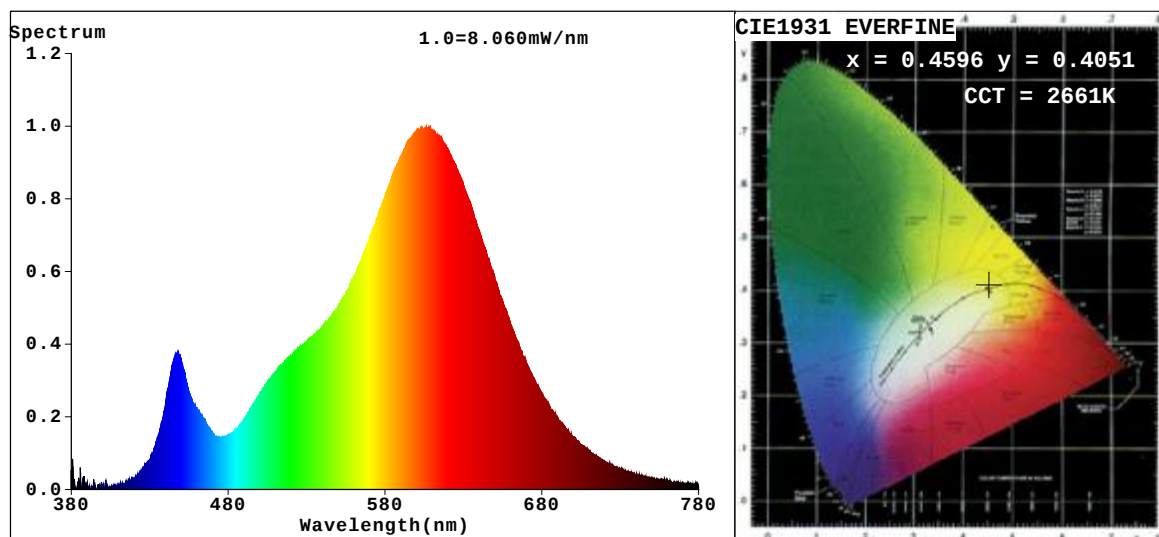
Number:542

Date:2019-08-29

Humidity:65%%

Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4596$ $y=0.4051$ $u'=0.2648$ $v'=0.5252$

$CCT=2661K$ ($Duv=-0.0020$) Dominant WL:Ld =585.1nm Purity=59.5%

Ratio:R=25.5% G=72.4% B=2.2% Peak WL:Lp=606.4nm FWHM=106.7nm

Render Index:Ra=81.2

R1 =80 R2 =92 R3 =94 R4 =79 R5 =81 R6 =91 R7 =79

R8 =54 R9 =1 R10=82 R11=79 R12=80 R13=83 R14=97 R15=72

Photo Parameters:

Flux = 355.2 lm Eff. : 66.52 lm/W Fe = 1.095 W Scotopic:427.45 S/P:1.2033

Photosynthetic:PPF:5.1528 μ mol/m²/s PAR WATT:1058.7mW/m²(400-700nm)

Electrical parameters:

V = 11.997 V I = 0.4451 A P = 5.340 W PF = 1.000

LEVEL:OUT

WHITE:ANSI_2700K

Status: Integral T = 502 ms Ip = 41510 (63%)

Model:2700K

Tester:

Temperature:26DegDeg

Manufacturer:Unitop

Number:543

Date:2019-08-29

Humidity:65%%

Remarks: