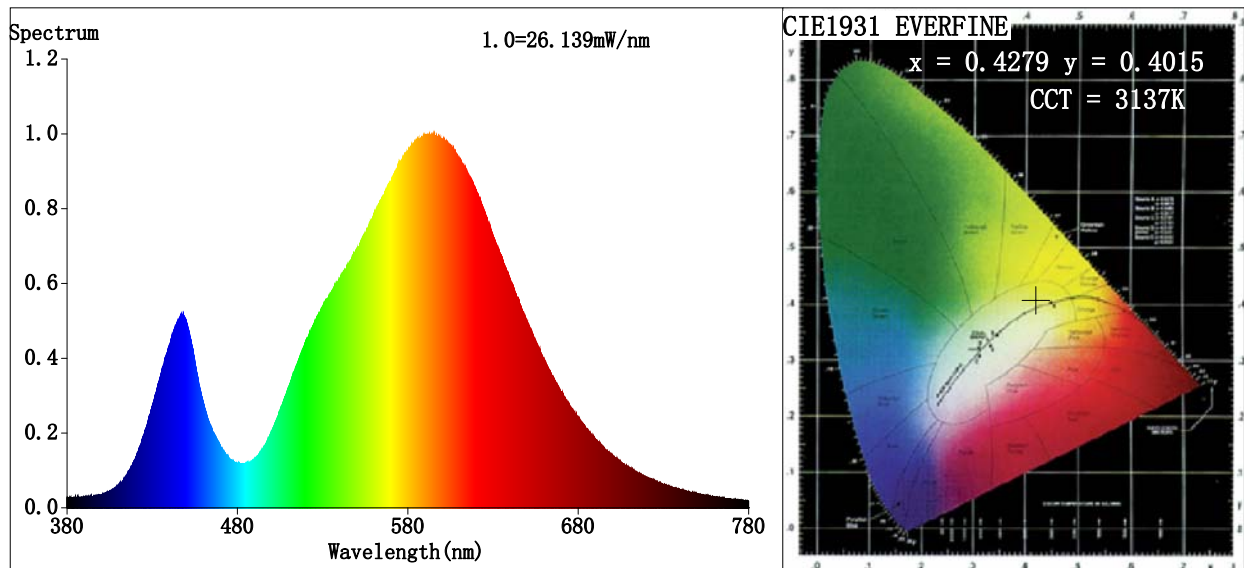


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4279$ $y=0.4015$ $u'=0.2458$ $v'=0.5190$

CCT=3137K (Duv=0.0003) Dominant WL:Ld =582.1nm Purity=49.0%

Ratio:R=20.6% G=77.7% B=1.8% Peak WL:Lp=595.4nm FWHM=123.9nm

Render Index:Ra=72.7 CRI=65.6 AvgR=65.4

R1 =69 R2 =81 R3 =91 R4 =70 R5 =68 R6 =73 R7 =80

R8 =49 R9 =0 R10=56 R11=65 R12=50 R13=71 R14=95 R15=63

Photo Parameters:

Flux = 1319 lm Eff. : 76.23 lm/W Fe = 3.882 W Scotopic:1641.8 S/P:1.245

Photosynthetic:PPF:17.875 μ mol/s PAR WATT:3745.7mW(400-700nm)

Electrical parameters:

V = 11.997 V I = 1.442 A P = 17.30 W PF = 1.000

LEVEL:OUT WHITE:ANSI_3000K

Status: Integral T = 39 ms Ip = 49518 (76%)

Model:2835 120D 12V 18W 3000K

Tester:

Temperature:Deg

Manufacturer:

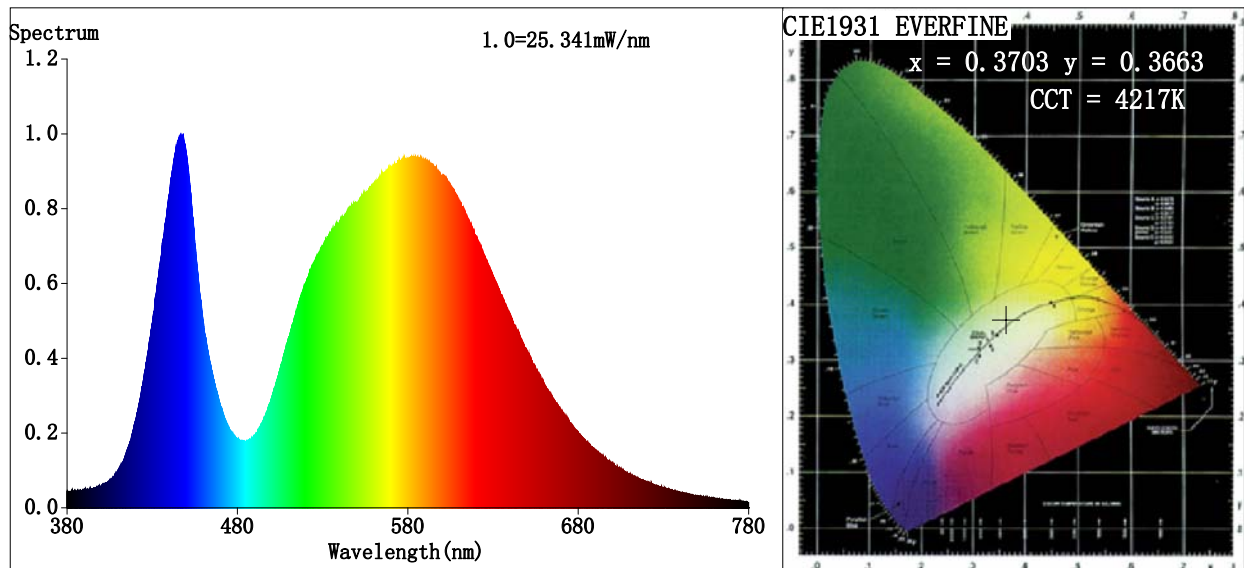
Number:2.57

Date:2021-05-25 20:31:15

Humidity:65.0%

Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3703$ $y=0.3663$ $u'=0.2226$ $v'=0.4954$

CCT=4217K (Duv=-0.0019) Dominant WL: $\lambda_d=579.5\text{nm}$ Purity=21.0%

Ratio: R=16.7% G=80.5% B=2.8% Peak WL: $\lambda_p=448.2\text{nm}$ FWHM=29.8nm

Render Index: $R_a=74.8$ CRI=66.9 AvgR=67.0

R1 =73 R2 =80 R3 =85 R4 =75 R5 =73 R6 =72 R7 =82

R8 =59 R9 =0 R10=52 R11=71 R12=51 R13=74 R14=91 R15=68

Photo Parameters:

Flux = 1369 lm Eff. : 78.38 lm/W $\Phi_e = 4.197\text{ W}$ Scotopic: 2188.8 S/P: 1.5987

Photosynthetic: PPF: 18.795 $\mu\text{mol/s}$ PAR WATT: 4072.3mW (400-700nm)

Electrical parameters:

V = 11.997 V I = 1.456 A P = 17.47 W PF = 1.000

LEVEL: OUT WHITE: ANSI_4000K

Status: Integral T = 39 ms $I_p = 45637$ (70%)

Model: 2835 120D 12V 18W 4000K

Tester:

Temperature: Deg

Manufacturer:

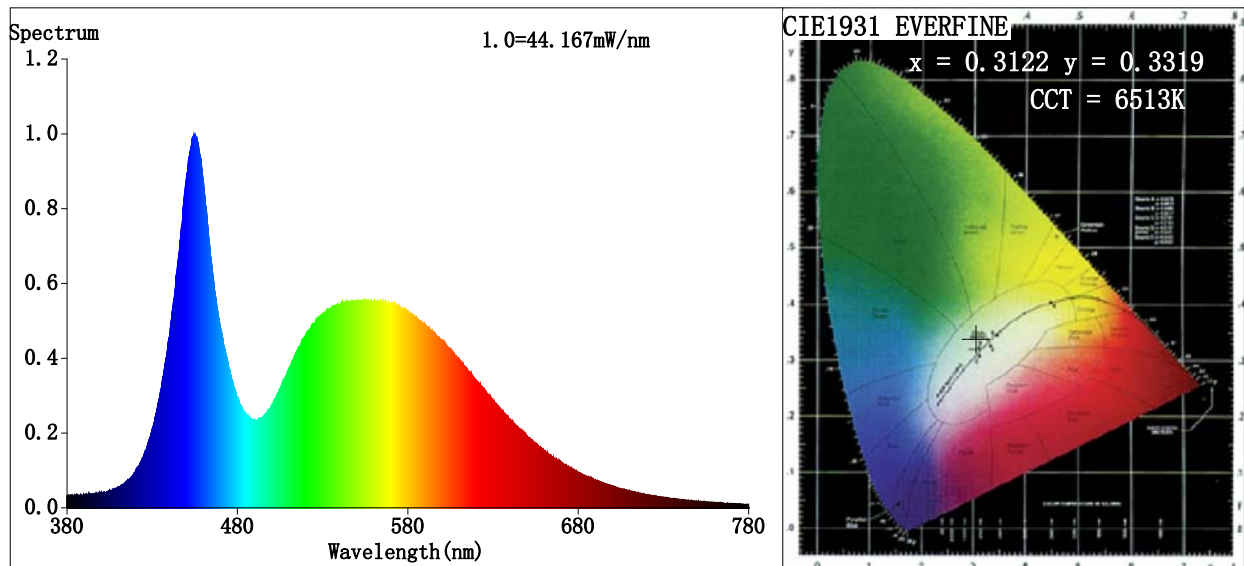
Number: 2.58

Date: 2021-05-25 20:42:01

Humidity: 65.0%

Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3122$ $y=0.3319$ $u'=0.1964$ $v'=0.4698$

CCT=6513K (Duv=0.0049) Dominant WL:Ld =490.9nm Purity=7.3%

Ratio:R=12.6% G=82.1% B=5.3% Peak WL:Lp=454.6nm FWHM=28.5nm

Render Index:Ra=78.6 CRI=70.3 AvgR=70.4

R1 =76 R2 =84 R3 =88 R4 =76 R5 =76 R6 =77 R7 =87

R8 =65 R9 =0 R10=60 R11=72 R12=52 R13=78 R14=93 R15=71

Photo Parameters:

Flux = 1510 lm Eff. : 85.12 lm/W Fe = 4.889 W Scotopic:3296.9 S/P:2.1841

Photosynthetic:PPF:21.349 μ mol/s PAR WATT:4770.2mW(400-700nm)

Electrical parameters:

V = 11.997 V I = 1.478 A P = 17.73 W PF = 1.000

LEVEL:OUT WHITE:ANSI_6500K

Status: Integral T = 31 ms Ip = 49609 (76%)

Model:LDM-2835 120D 12V 18W

Tester:

Temperature:Deg

Manufacturer:

Number:38

Date:2021-04-30 19:34:35

Humidity:65.0%

Remarks: