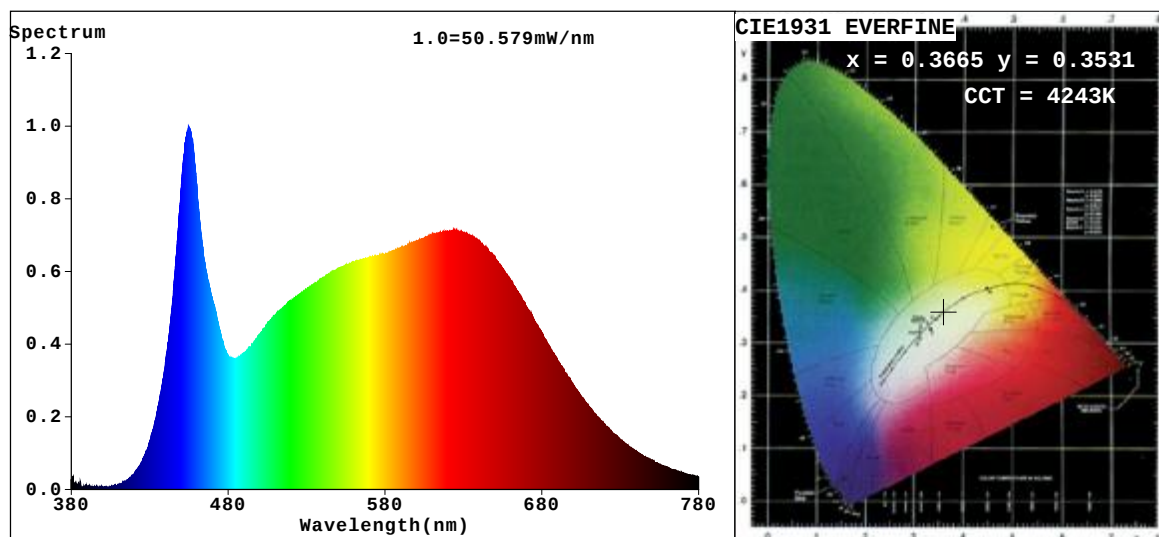


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3665$ $y=0.3531/u'=0.2254$ $v'=0.4886$

$CCT=4243K$ ($Duv=-0.0072$) Dominant WL:Ld =584.5nm Purity=15.9%

Ratio:R=20.1% G=74.9% B=5.0% Peak WL:Lp=454.7nm FWHM=27.5nm

Render Index:Ra=96.2

R1 =97 R2 =98 R3 =97 R4 =96 R5 =96 R6 =94 R7 =95

R8 =96 R9 =93 R10=97 R11=96 R12=75 R13=98 R14=98 R15=97

Photo Parameters:

Flux = 2221 lm Eff. : 96.70 lm/W Fe = 8.268 W Scotopic:4280.8 S/P:1.9274

Photosynthetic:PPF:36.67 μ mol/m²/s PAR WATT:7758.4mW/m²(400-700nm)

Electrical parameters:

V = 23.998 V I = 0.9571 A P = 22.97 W PF = 1.000

LEVEL:OUT

WHITE:OUT

Status: Integral T = 134 ms Ip = 46865 (72%)

Model:288D 24V 22W 2700K6500K

Tester:

Temperature:26DegDeg

Manufacturer:Unitop

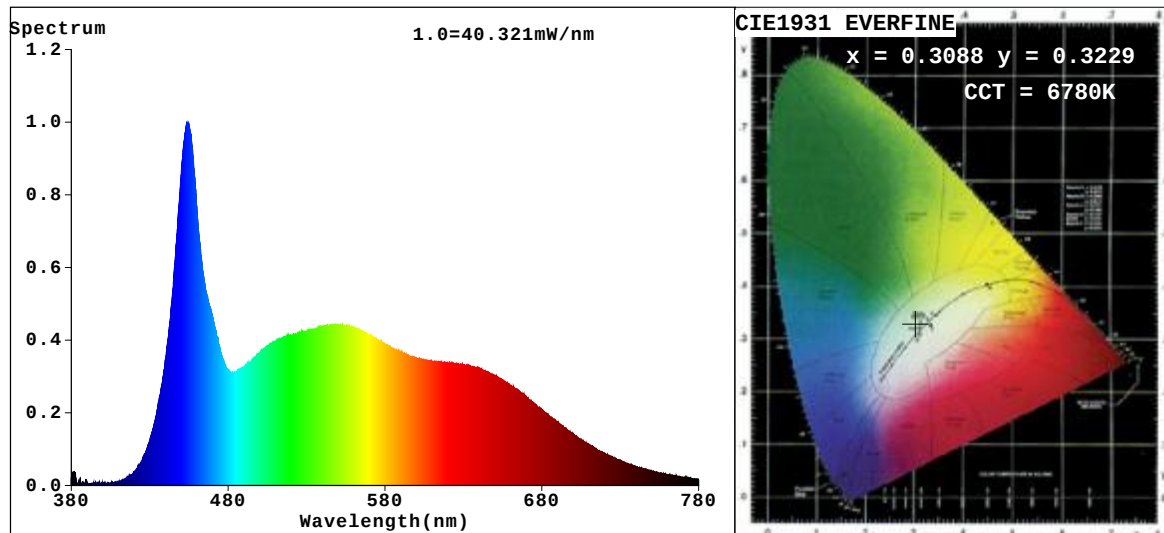
Number:53

Date:2019-09-06

Humidity:65%%

Remarks:56R 14816

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3088$ $y=0.3229$ $u'=0.1974$ $v'=0.4644$

CCT=6780K(Duv=0.0021) Dominant WL:Ld =486.1nm Purity=9.1%

Ratio:R=14.7% G=78.4% B=6.8% Peak WL:Lp=453.6nm FWHM=23.9nm

Render Index:Ra=93.8

R1 =94 R2 =96 R3 =95 R4 =92 R5 =92 R6 =91 R7 =96

R8 =93 R9 =83 R10=89 R11=92 R12=66 R13=96 R14=97 R15=94

Photo Parameters:

Flux = 1168 lm Eff. : 106.94 lm/W Fe = 4.353 W Scotopic:2830.1 S/P:2.4225

Photosynthetic:PPF:18.918 μ mol/m²/s PAR WATT:4150.3mW/m²(400-700nm)

Electrical parameters:

V = 23.998 V I = 0.4552 A P = 10.92 W PF = 1.000

LEVEL:OUT

WHITE:ANSI_6500K

Status: Integral T = 134 ms Ip = 30935 (47%)

Model:6500K

Tester:

Temperature:26DegDeg

Manufacturer:Unitop

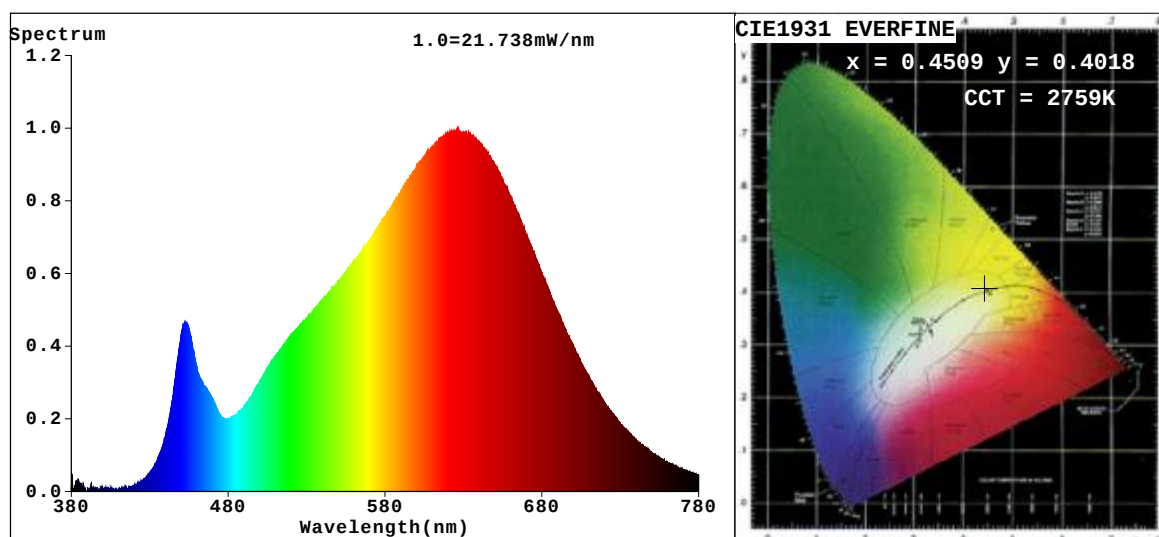
Number:54

Date:2019-09-06

Humidity:65%%

Remarks:56R 2.8-2.9V

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4509$ $y=0.4018$ $u'=0.2607$ $v'=0.5226$

CCT=2759K(Duv=-0.0025) Dominant WL:Ld =584.8nm Purity=56.0%

Ratio:R=26.0% G=71.4% B=2.6% Peak WL:Lp=626.1nm FWHM=155.4nm

Render Index:Ra=93.1

R1 =94 R2 =97 R3 =98 R4 =92 R5 =93 R6 =96 R7 =92

R8 =83 R9 =64 R10=93 R11=92 R12=84 R13=95 R14=99 R15=91

Photo Parameters:

Flux = 1012 lm Eff. : 96.54 lm/W Fe = 3.727 W Scotopic:1337.7 S/P:1.3225

Photosynthetic:PPF:16.936 μ mol/m²/s PAR WATT:3429.2mW/m²(400-700nm)

Electrical parameters:

V = 23.998 V I = 0.4366 A P = 10.48 W PF = 1.000

LEVEL:OUT

WHITE:ANSI_2700K

Status: Integral T = 227 ms Ip = 45400 (69%)

Model:2700K

Tester:

Temperature:26DegDeg

Manufacturer:Unitop

Number:55

Date:2019-09-06

Humidity:65%%

Remarks:56R 2.8-2.9V