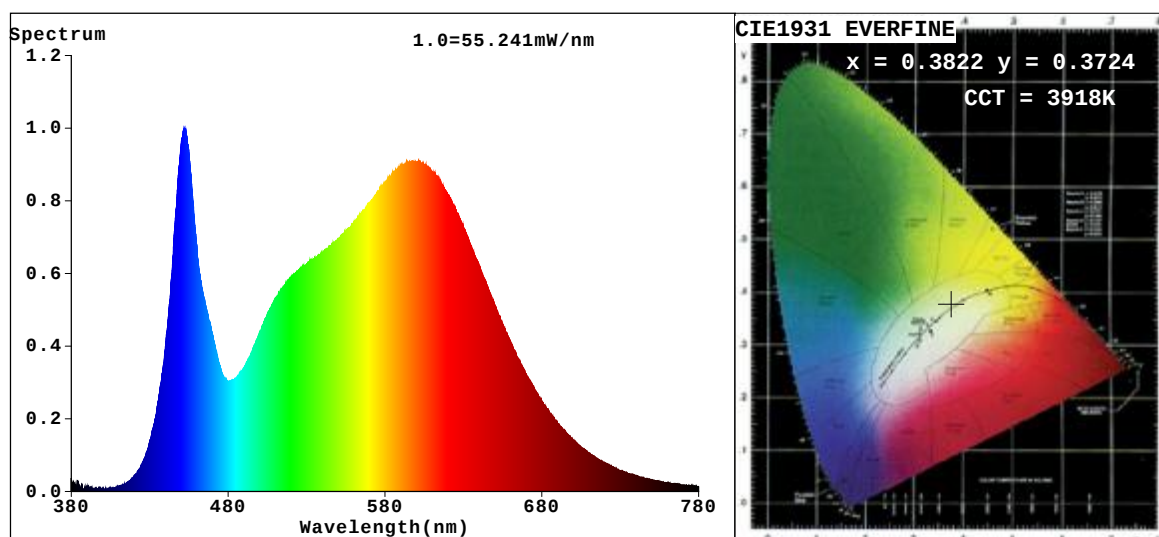


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3822$ $y=0.3724$ $u'=0.2281$ $v'=0.4999$

CCT=3918K(Duv=-0.0026) Dominant WL:Ld =580.8nm Purity=26.5%

Ratio:R=19.3% G=76.8% B=3.9% Peak WL:Lp=452.4nm FWHM=24.1nm

Render Index:Ra=86.7

R1 =86 R2 =93 R3 =96 R4 =86 R5 =86 R6 =90 R7 =87

R8 =70 R9 =25 R10=83 R11=85 R12=69 R13=88 R14=98 R15=81

Photo Parameters:

Flux = 2851 lm Eff. : 133.13 lm/W Fe = 8.989 W Scotopic:4897.4 S/P:1.7176

Photosynthetic:PPF:40.987 μ mol/m²/s PAR WATT:8739.4mW/m²(400-700nm)

Electrical parameters:

V = 23.998 V I = 0.8925 A P = 21.42 W PF = 1.000

LEVEL:OUT

WHITE:ANSI_4000K

Status: Integral T = 94 ms Ip = 47663 (73%)

Model: 224D 24V 21W 2700K6000K

Tester:

Temperature:26DegDeg

Manufacturer:Unitop

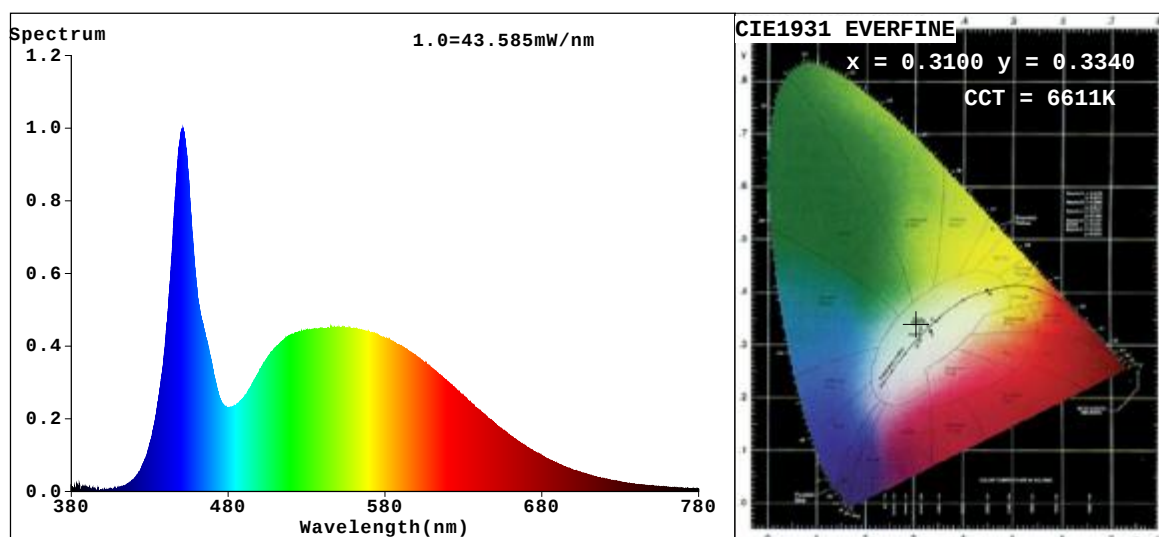
Number:29

Date:2019-09-06

Humidity:65%%

Remarks:15R 32284

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3100$ $y=0.3340$ $u'=0.1941$ $v'=0.4706$

$CCT=6611K$ ($Duv=0.0071$) Dominant WL: $Ld = 492.1nm$ Purity=7.8%

Ratio: R=13.0% G=81.4% B=5.6% Peak WL: $Lp=451.3nm$ FWHM=20.2nm

Render Index: $Ra=83.0$

R1 =80 R2 =87 R3 =91 R4 =82 R5 =81 R6 =82 R7 =89

R8 =71 R9 =10 R10=68 R11=81 R12=57 R13=82 R14=95 R15=76

Photo Parameters:

Flux = 1269 lm Eff. : 147.76 lm/W $Fe = 4.147 W$ Scotopic: 2884.9 S/P: 2.2739

Photosynthetic: PPF: 18.246 $\mu mol/m^2/s$ PAR WATT: 4058.9 $mW/m^2(400-700nm)$

Electrical parameters:

$V = 23.998 V$ $I = 0.3578 A$ $P = 8.586 W$ PF = 1.000

LEVEL: OUT

WHITE: ANSI_6500K

Status: Integral T = 193 ms $Ip = 45730 (70\%)$

Model: 6000K

Tester:

Temperature: 26Deg

Manufacturer: Unitop

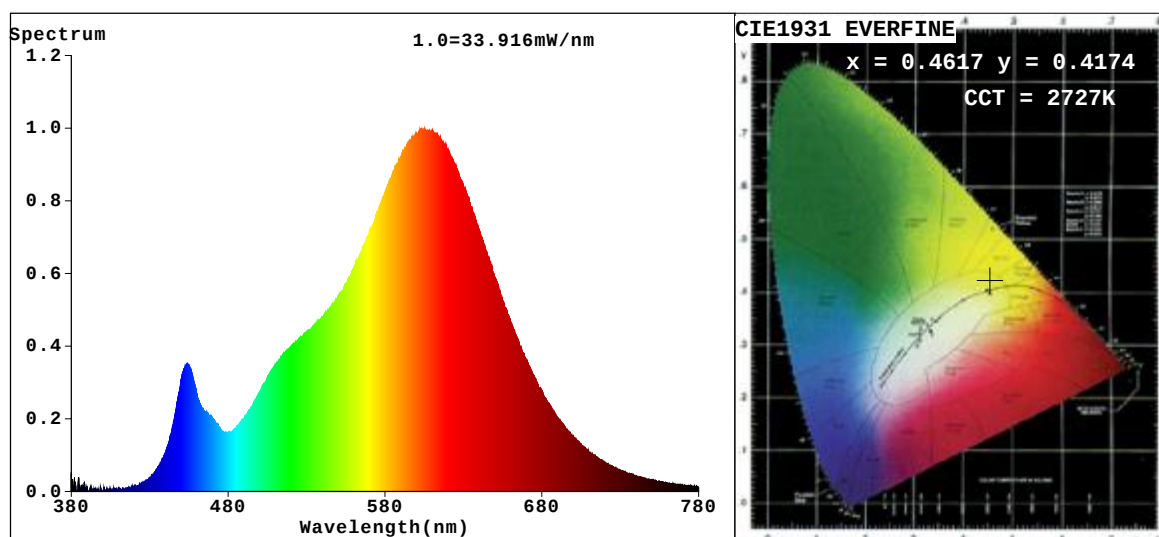
Number: 30

Date: 2019-09-06

Humidity: 65%%

Remarks: 3.2-3.3V

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4617$ $y=0.4174$ / $u'=0.2607$ $v'=0.5302$

CCT=2727K(Duv=0.0023) Dominant WL:Ld =583.3nm Purity=63.9%

Ratio:R=24.7% G=73.0% B=2.2% Peak WL:Lp=605.0nm FWHM=113.3nm

Render Index:Ra=81.9

R1 =80 R2 =91 R3 =96 R4 =80 R5 =80 R6 =91 R7 =81

R8 =56 R9 =3 R10=81 R11=79 R12=73 R13=83 R14=98 R15=71

Photo Parameters:

Flux = 1543 lm Eff. : 134.46 lm/W Fe = 4.665 W Scotopic:1881.3 S/P:1.2192

Photosynthetic:PPF:22.014umol/m2/s PAR WATT:4511.9mW/m2(400-700nm)

Electrical parameters:

V = 23.998 V I = 0.4782 A P = 11.48 W PF = 1.000

LEVEL:OUT

WHITE:ANSI_2700K

Status: Integral T = 96 ms Ip = 31627 (48%)

Model:2700K

Tester:

Temperature:26DegDeg

Manufacturer:Unitop

Number:31

Date:2019-09-06

Humidity:65%%

Remarks:3.0-3.1V