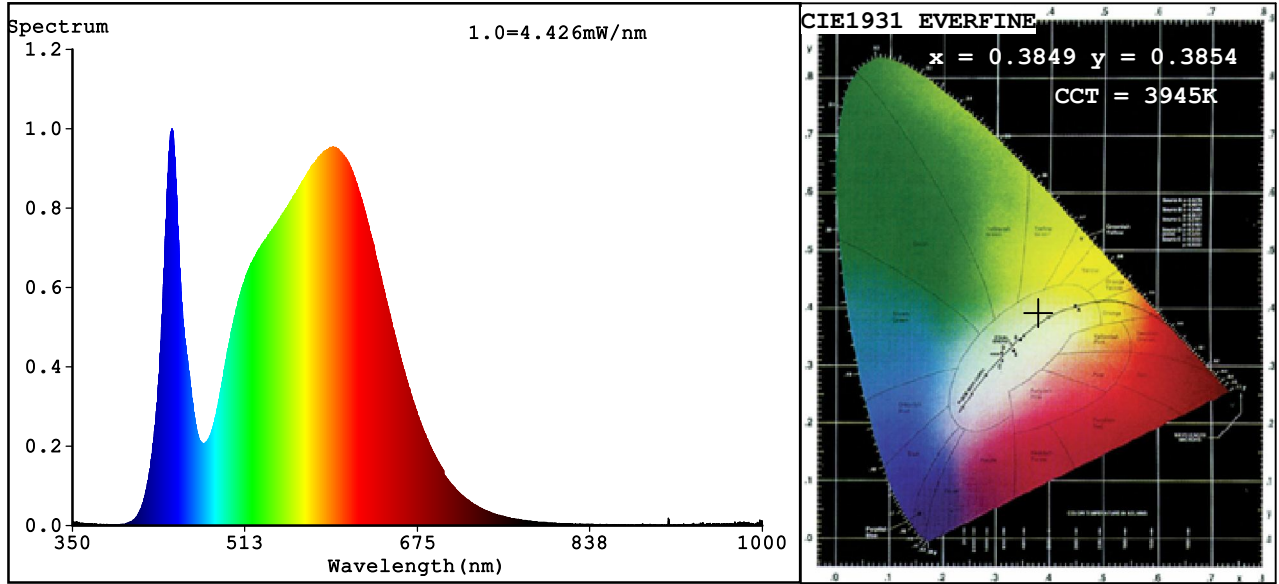


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3849$ $y=0.3854$ $u'=0.2246$ $v'=0.5060$

CCT=3945K(Duv=0.0027) Dominant WL:Ld =577.9nm Purity=31.2%

Ratio:R=18.3% G=78.6% B=3.1%;;Peak WL:Lp=443.8nm FWHM=20.7nm

Render Index:Ra=82.2

R1 =80	R2 =86	R3 =92	R4 =83	R5 =81	R6 =82	R7 =86	
R8 =66	R9 =9	R10=68	R11=83	R12=66	R13=81	R14=95	R15=74

Photo Parameters:

Flux = 248.6 lm Eff. : 73.13 lm/W Fe = 757.1 mW

Electrical parameters:

V = 229.93 V I = 0.01751 A P = 3.400 W PF = 0.8447

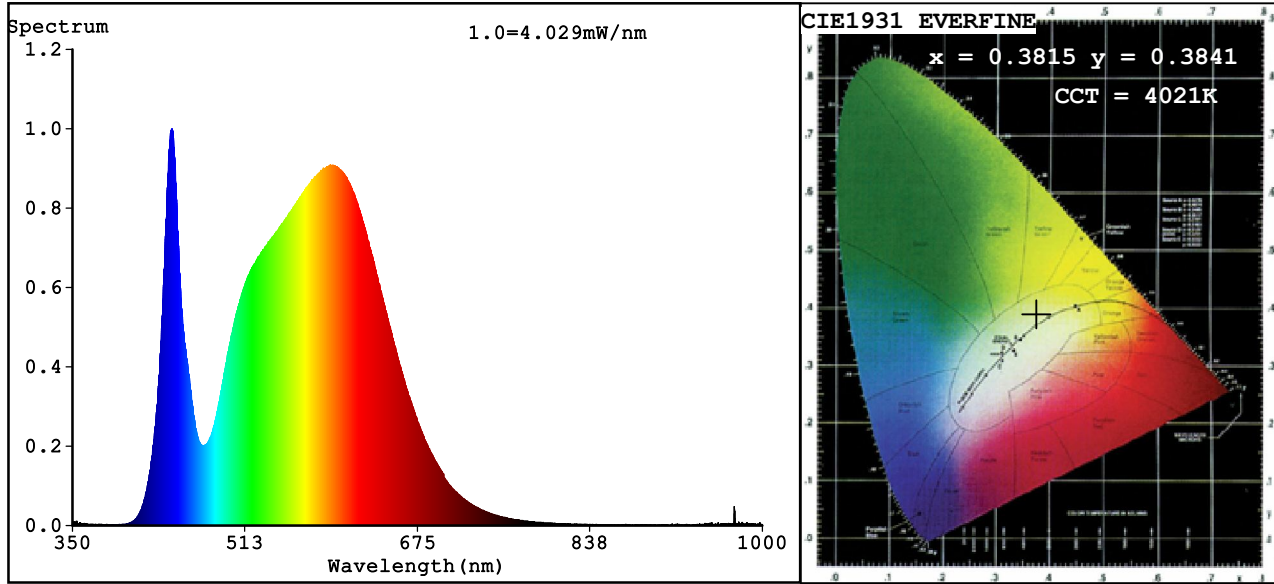
WHITE:ANSI_4000K

Status: Integral T = 157 ms Ip = 33651 (51%)

Model:GRF9615 LED/3W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:9615LEDP
Date:2018-04-25 10:37
Humidity:65.0%
Remarks:ESPL20180130_4454

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3815$ $y=0.3841/u'=0.2229$ $v'=0.5049$
 CCT=4021K(Duv=0.0031) Dominant WL:Ld =577.4nm Purity=29.8%
 Ratio:R=18.0% G=78.8% B=3.2%;;Peak WL:Lp=443.8nm FWHM=20.2nm
 Render Index:Ra=82.0
 R1 =80 R2 =86 R3 =92 R4 =83 R5 =81 R6 =82 R7 =87
 R8 =66 R9 =9 R10=67 R11=83 R12=66 R13=81 R14=95 R15=74

Photo Parameters:

Flux = 218.2 lm Eff. : 64.41 lm/W Fe = 663.7 mW

Electrical parameters:

V = 230.03 V I = 0.01731 A P = 3.387 W PF = 0.8506

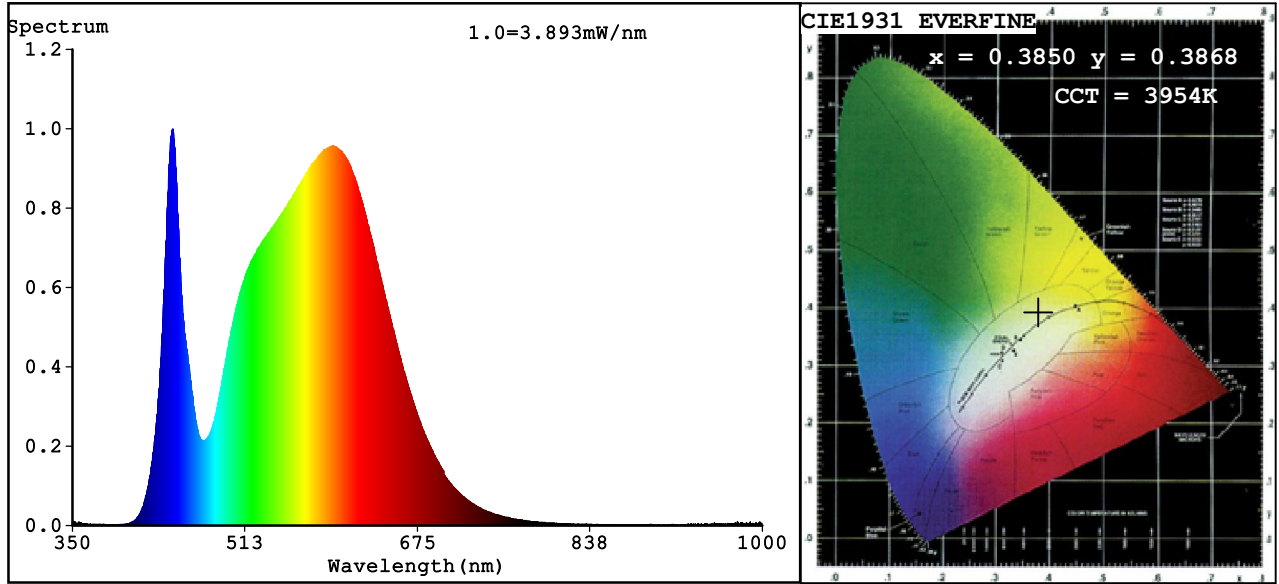
WHITE:ANSI_4000K

Status: Integral T = 252 ms Ip = 47063 (72%)

Model:GRF9615 LED/3W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:9615LEDP
 Date:2018-04-25 10:49
 Humidity:65.0%
 Remarks:ESPL20180130_4454

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3850$ $y=0.3868$ / $u'=0.2241$ $v'=0.5066$
 CCT=3954K (Duv=0.0033) Dominant WL:Ld =577.6nm Purity=31.6%
 Ratio:R=18.2% G=78.6% B=3.2%;; Peak WL:Lp=444.5nm FWHM=20.5nm
 Render Index:Ra=82.2
 R1 =80 R2 =86 R3 =92 R4 =83 R5 =81 R6 =82 R7 =87
 R8 =66 R9 =8 R10=68 R11=83 R12=66 R13=81 R14=96 R15=74

Photo Parameters:

Flux = 219.7 lm Eff. : 66.33 lm/W Fe = 666.2 mW

Electrical parameters:

V = 230.03 V I = 0.01702 A P = 3.313 W PF = 0.8460

WHITE:ANSI_4000K

Status: Integral T = 220 ms Ip = 41624 (64%)

Model:GRF9615 LED/3W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:9615LEDP
 Date:2018-04-25 11:02
 Humidity:65.0%
 Remarks:ESPL20180130_4454