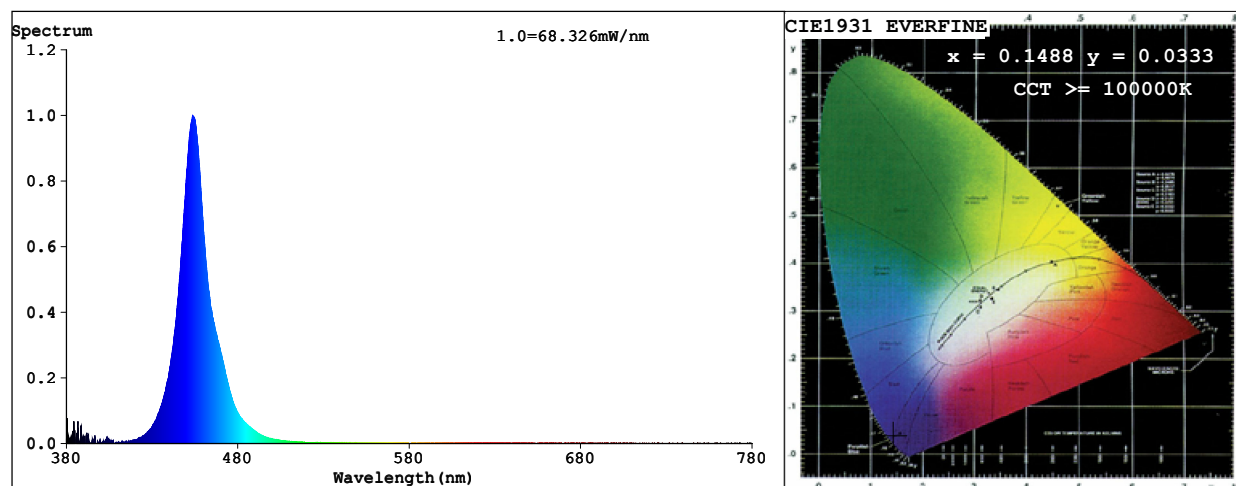


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1488$ $y=0.0333$ $u'=0.1918$ $v'=0.0966$

CCT=100000K (Duv=-0.2018) Dominant WL: $\lambda_d = 459.0\text{nm}$ Purity=98.3%

Ratio: R=0.9% G=10.7% B=88.4% Peak WL: $\lambda_p = 453.6\text{nm}$ FWHM=16.4nm

Render Index: $R_a = -57.6$ TM30: $R_f = -1$ $R_g = -1$

R1 = -9 R2 = -51 R3 = -156 R4 = -95 R5 = 6 R6 = -58 R7 = -57

R8 = -41 R9 = -253 R10 = -242 R11 = -122 R12 = -120 R13 = -31 R14 = -37 R15 = 6

Photo Parameters:

Flux = 65.80 lm Eff. : 12.69 lm/W $P_e = 1.530\text{ W}$

Electrical parameters:

V = 23.997 V I = 0.2161 A P = 5.186 W PF = 1.000

Status: Integral T = 406 ms $I_p = 51694$ (79%)

Model: 082411 24RGBCOB15-840

Tester: DAMIN

Temperature: 25.3Deg

Manufacturer:

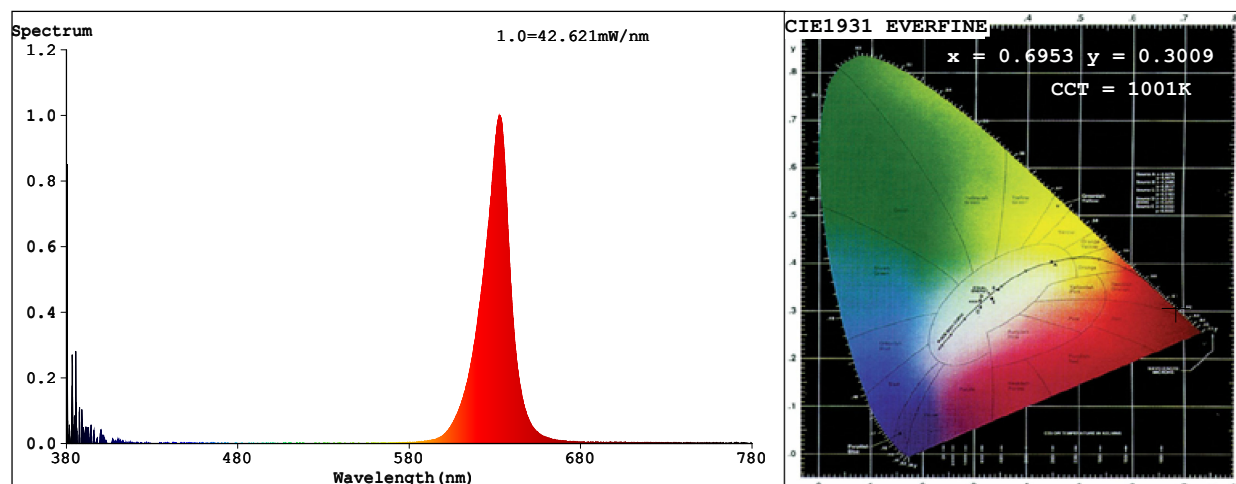
Number: B

Date: 2026-05-16

Humidity: 65.0%

Remarks: 26050127-1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.6953$ $y=0.3009$ $u'=0.5328$ $v'=0.5188$

CCT=1001K (Duv=-0.0853) Dominant WL:Ld =624.3nm Purity=98.9%

Ratio:R=97.3% G=2.6% B=0.0% Peak WL:Lp=632.5nm FWHM=16.1nm

Render Index:Ra=13.6 TM30:Rf=11 Rg=-1

R1 =7 R2 =79 R3 =28 R4 =-27 R5 =2 R6 =92 R7 =2

R8 =-75 R9 =-232 R10=74 R11=-12 R12=78 R13=31 R14=58 R15=-36

Photo Parameters:

Flux = 160.9 lm Eff. : 29.01 lm/W Fe = 880.0 mW

Electrical parameters:

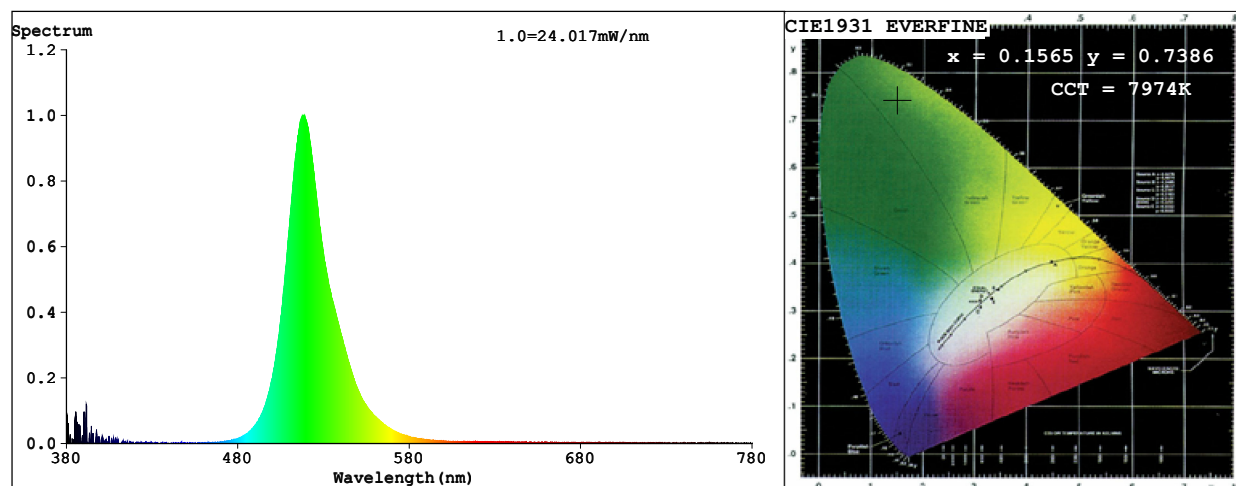
V = 23.997 V I = 0.2311 A P = 5.546 W PF = 1.000

Status: Integral T = 243 ms Ip = 43284 (66%)

Model:082411 24RGBCOB15-840
Tester:DAMIN
Temperature:25.3Deg
Manufacturer:

Number:R
Date:2026-05-16
Humidity:65.0%
Remarks:26050127-1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1565$ $y=0.7386$ $u'=0.0542$ $v'=0.5755$

CCT=7974K (Duv=0.1627) Dominant WL: $\lambda_d = 525.6\text{nm}$ Purity=82.6%

Ratio: R=0.4% G=98.1% B=1.5% Peak WL: $\lambda_p = 519.0\text{nm}$ FWHM=25.2nm

Render Index: $R_a = -28.9$ TM30: $R_f = 0$ $R_g = 6$

R1 = -35 R2 = -14 R3 = -34 R4 = -67 R5 = -9 R6 = -23 R7 = -14

R8 = -34 R9 = -349 R10 = -120 R11 = -98 R12 = -43 R13 = -43 R14 = 33 R15 = -32

Photo Parameters:

Flux = 369.3 lm Eff. : 96.49 lm/W $\Phi_e = 779.2$ mW

Electrical parameters:

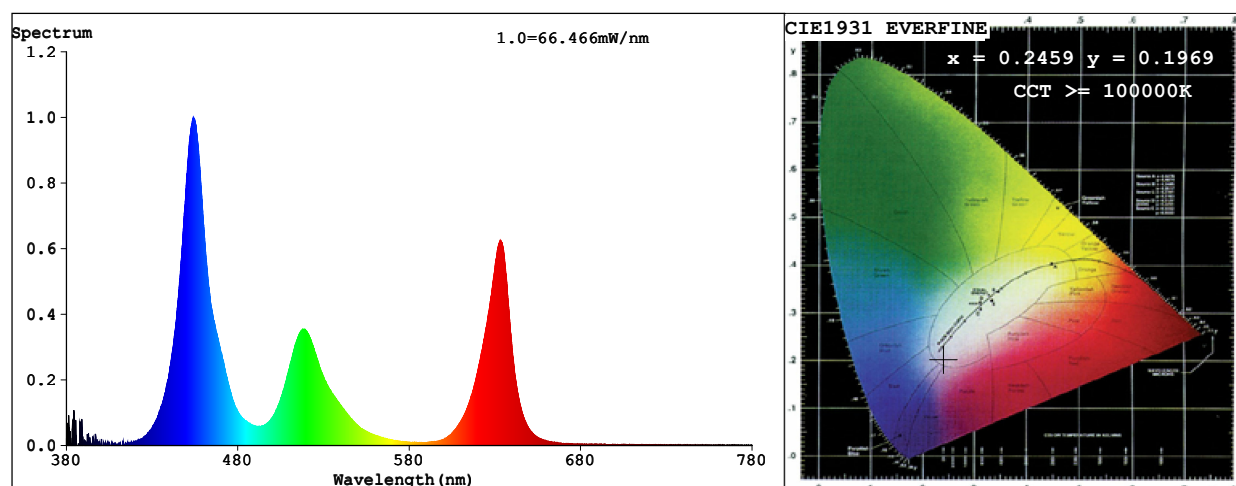
V = 23.997 V I = 0.1595 A P = 3.828 W PF = 1.000

Status: Integral T = 610 ms $I_p = 51533$ (79%)

Model: 082411 24RGBCOB15-840
Tester: DAMIN
Temperature: 25.3Deg
Manufacturer:

Number: G
Date: 2026-05-16
Humidity: 65.0%
Remarks: 26050127-1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.2459$ $y=0.1969$ $u'=0.2019$ $v'=0.3638$

CCT=100000K (Duv=-0.0316) Dominant WL:Ld =462.0nm Purity=45.4%

Ratio: R=26.3% G=62.8% B=10.9% Peak WL:Lp=454.1nm FWHM=16.8nm

Render Index: Ra=27.1 TM30:Rf=36 Rg=140

R1 = -4 R2 = 46 R3 = 72 R4 = 11 R5 = 23 R6 = 47 R7 = 59

R8 = -38 R9 = -333 R10 = -21 R11 = -16 R12 = 53 R13 = 4 R14 = 76 R15 = -32

Photo Parameters:

Flux = 583.0 lm Eff. : 40.09 lm/W Fe = 3.106 W

Electrical parameters:

V = 23.997 V I = 0.6060 A P = 14.54 W PF = 1.000

Status: Integral T = 219 ms Ip = 37945 (58%)

Model: 082411 24RGBCOB15-840
Tester: DAMIN
Temperature: 25.3Deg
Manufacturer:

Number: RGB
Date: 2026-05-16
Humidity: 65.0%
Remarks: 26050127-1M