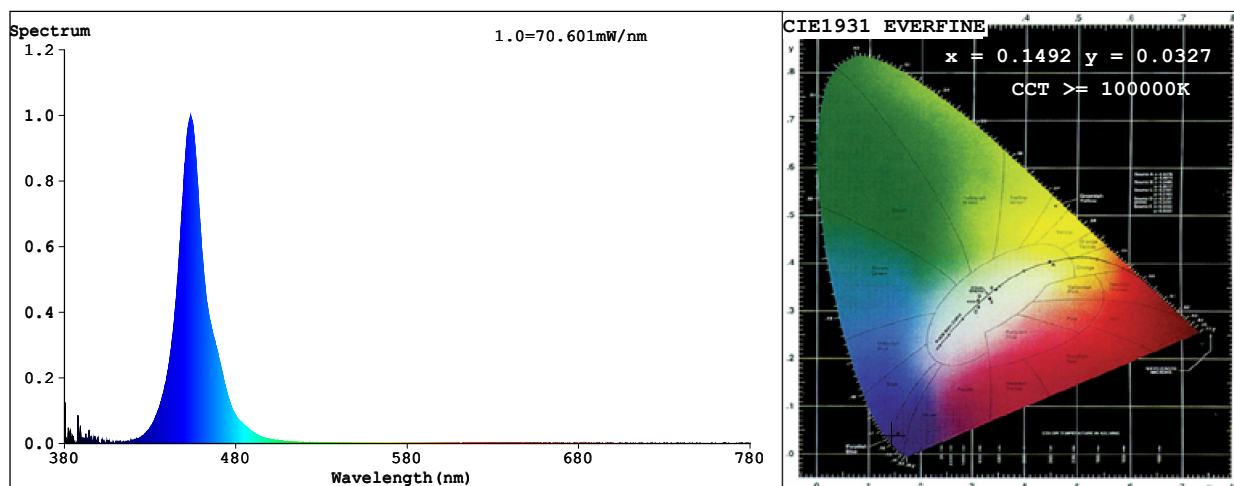


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1492$ $y=0.0327$ / $u'=0.1928$ $v'=0.0952$

CCT=100000K (Duv=-0.2028) Dominant WL: $\lambda_d = 458.6\text{nm}$ Purity=98.3%

Ratio: R=1.0% G=10.6% B=88.4% Peak WL: $\lambda_p = 453.6\text{nm}$ FWHM=15.7nm

Render Index: $R_a = -57.8$ TM30: $R_f = -1$ $R_g = -1$

R1 = -8 R2 = -51 R3 = -157 R4 = -95 R5 = 6 R6 = -58 R7 = -58

R8 = -41 R9 = -251 R10 = -242 R11 = -122 R12 = -120 R13 = -30 R14 = -37 R15 = 6

Photo Parameters:

Flux = 64.64 lm Eff. : 11.19 lm/W $P_e = 1.520\text{ W}$

Electrical parameters:

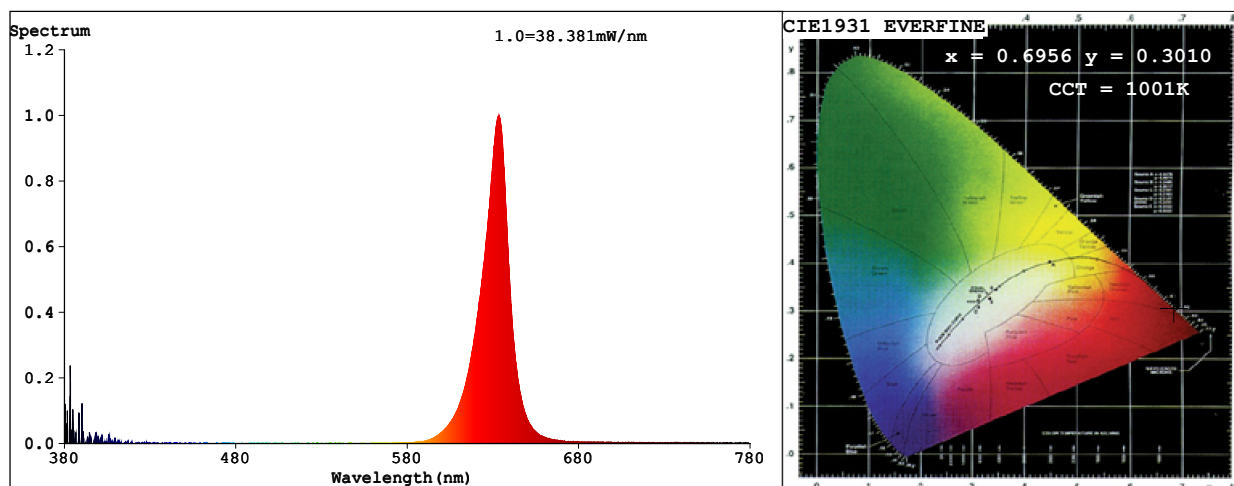
$V = 11.997\text{ V}$ $I = 0.4817\text{ A}$ $P = 5.779\text{ W}$ PF = 1.000

Status: Integral T = 319 ms $I_p = 41533$ (63%)

Model: 082410 12RGBCOB15-810
Tester: DAMIN
Temperature: 25.3Deg
Manufacturer:

Number: B
Date: 2026-05-16
Humidity: 65.0%
Remarks: 26050128-1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.6956$ $y=0.3010$ $u'=0.5330$ $v'=0.5189$

$CCT=1001K$ ($Duv=-0.0855$) Dominant WL:Ld =624.2nm Purity=99.0%

Ratio:R=97.0% G=3.0% B=0.0% Peak WL:Lp=633.5nm FWHM=16.1nm

Render Index:Ra=14.6 TM30:Rf=16 Rg=-1

R1 =7 R2 =79 R3 =29 R4 =-26 R5 =3 R6 =91 R7 =4

R8 =-71 R9 =-226 R10=74 R11=-12 R12=79 R13=31 R14=59 R15=-35

Photo Parameters:

Flux = 143.5 lm Eff. : 25.01 lm/W Fe = 785.0 mW

Electrical parameters:

V = 11.997 V I = 0.4781 A P = 5.736 W PF = 1.000

Status: Integral T = 319 ms Ip = 50989 (78%)

Model:082410 12RGBCOB15-810

Tester:DAMIN

Temperature:25.3Deg

Manufacturer:

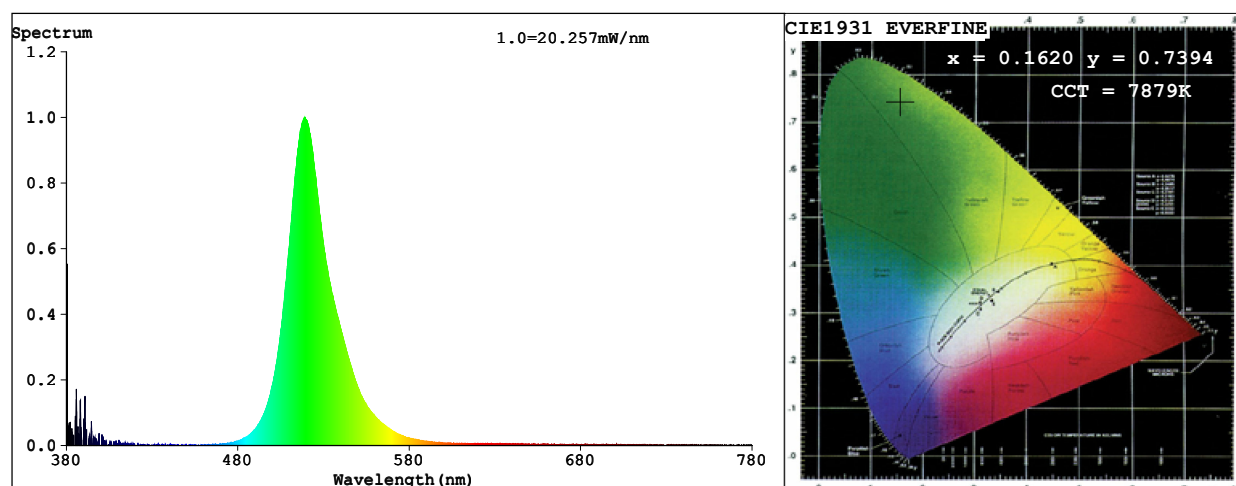
Number:R

Date:2026-05-16

Humidity:65.0%

Remarks:26050128-1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1620$ $y=0.7394$ / $u'=0.0561$ $v'=0.5762$

CCT=7879K (Duv=0.1613) Dominant WL: $\lambda_d = 526.7\text{nm}$ Purity=83.4%

Ratio: R=0.4% G=98.3% B=1.3% Peak WL: $\lambda_p = 519.1\text{nm}$ FWHM=25.5nm

Render Index: $R_a = -28.5$ TM30: $R_f = 0$ $R_g = 7$

R1 = -35 R2 = -14 R3 = -34 R4 = -67 R5 = -9 R6 = -23 R7 = -13

R8 = -34 R9 = -349 R10 = -120 R11 = -97 R12 = -43 R13 = -42 R14 = 33 R15 = -32

Photo Parameters:

Flux = 318.4 lm Eff. : 85.99 lm/W $P_e = 663.6\text{ mW}$

Electrical parameters:

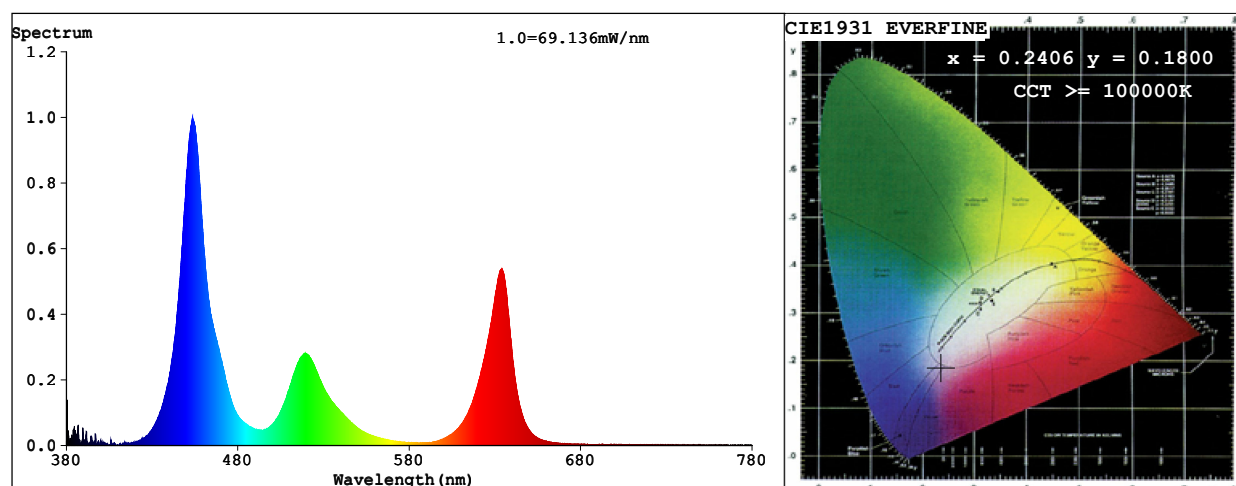
$V = 11.997\text{ V}$ $I = 0.3086\text{ A}$ $P = 3.702\text{ W}$ PF = 1.000

Status: Integral T = 718 ms $I_p = 51480$ (79%)

Model: 082410 12RGBCOB15-810
Tester: DAMIN
Temperature: 25.3Deg
Manufacturer:

Number: G
Date: 2026-05-16
Humidity: 65.0%
Remarks: 26050128-1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.2406$ $y=0.1800$ $u'=0.2057$ $v'=0.3462$

CCT=100000K (Duv=-0.0432) Dominant WL:Ld =457.5nm Purity=49.9%

Ratio:R=26.8% G=61.2% B=12.0% Peak WL:Lp=453.5nm FWHM=15.8nm

Render Index:Ra=25.8 TM30:Rf=31 Rg=147

R1 =-8 R2 =37 R3 =79 R4 =16 R5 =20 R6 =39 R7 =62

R8 =-38 R9 =-345 R10=-40 R11=-10 R12=43 R13=-3 R14=79 R15=-40

Photo Parameters:

Flux = 508.3 lm Eff. : 34.03 lm/W Fe = 2.885 W

Electrical parameters:

V = 11.997 V I = 1.245 A P = 14.94 W PF = 1.000

Status: Integral T = 258 ms Ip = 39880 (61%)

Model:082410 12RGBCOB15-810
Tester:DAMIN
Temperature:25.3Deg
Manufacturer:

Number:RGB
Date:2026-05-16
Humidity:65.0%
Remarks:26050128-1M