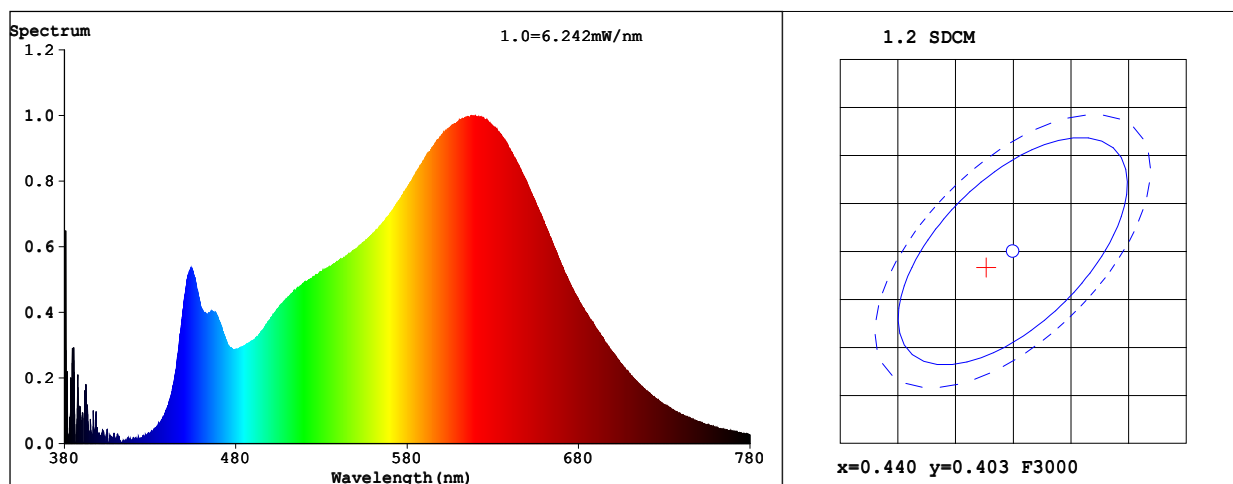


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4377$ $y=0.4013$ $u'=0.2522$ $v'=0.5204$

CCT=2965K (Duv=-0.0012) Dominant WL:Ld =583.4nm Purity=51.8%

Ratio:R=24.7% G=72.0% B=3.3% Peak WL:Lp=619.7nm FWHM=151.0nm

Render Index:Ra=92.6 TM30:Rf=90 Rg=98

R1 =94 R2 =99 R3 =96 R4 =92 R5 =95 R6 =96 R7 =89

R8 =79 R9 =57 R10=98 R11=95 R12=83 R13=96 R14=99 R15=89

Photo Parameters:

Flux = 303.5 lm Eff. : 65.42 lm/W Fe = 1.042 W

Electrical parameters:

V = 23.997 V I = 0.1933 A P = 4.639 W PF = 1.000

Status: Integral T = 1099 ms Ip = 51047 (78%)

Model:24SPI16-COB-RGBW-WW

Number:WW

Tester:DAMIN

Date:2025-05-24

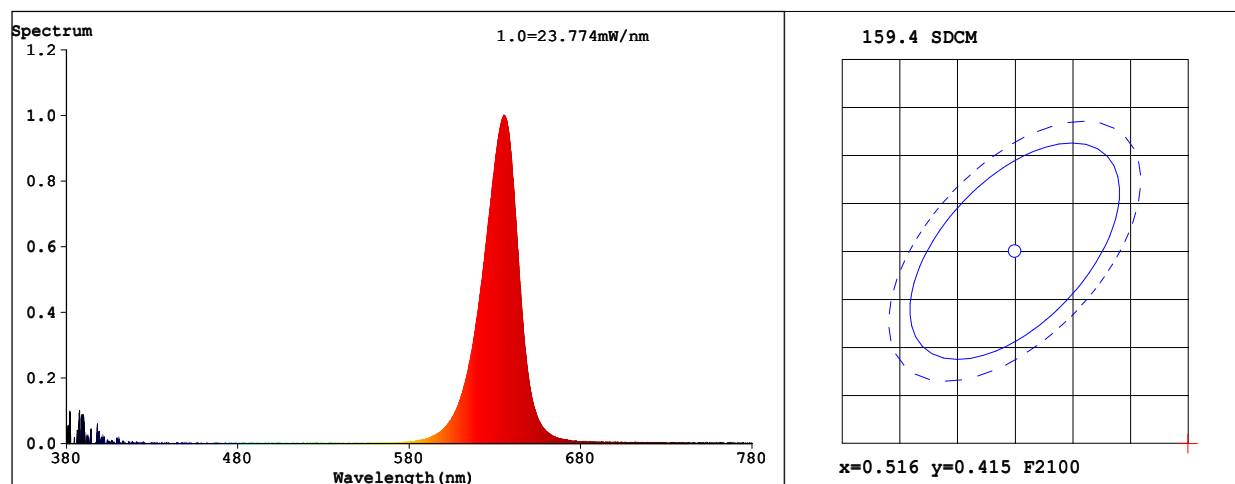
Temperature:25.3Deg

Humidity:65.0%

Manufacturer:1

Remarks:25050026-1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.6964$ $y=0.3015$ / $u'=0.5332$ $v'=0.5193$

CCT=1001K (Duv=-0.0857) Dominant WL:Ld =623.8nm Purity=99.4%

Ratio: R=95.9% G=4.1% B=0.0% Peak WL:Lp=635.2nm FWHM=22.0nm

Render Index: Ra=18.7 TM30:Rf=31 Rg=-1

R1 =10 R2 =79 R3 =34 R4 =-22 R5 =6 R6 =89 R7 =12

R8 =-58 R9 =-204 R10=74 R11=-9 R12=79 R13=32 R14=61 R15=-27

Photo Parameters:

Flux = 107.3 lm Eff. : 23.85 lm/W Fe = 615.8 mW

Electrical parameters:

V = 23.997 V I = 0.1876 A P = 4.502 W PF = 1.000

Status: Integral T = 237 ms Ip = 38349 (59%)

Model:24SPI16-COB-RGBW-WW

Number:R

Tester:DAMIN

Date:2025-05-24

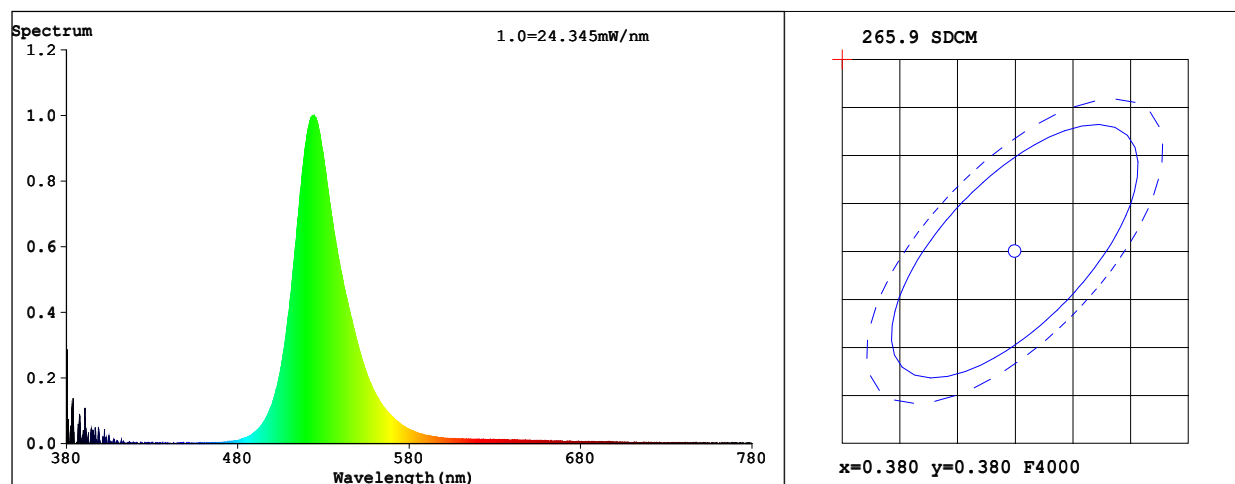
Temperature:25.3Deg

Humidity:65.0%

Manufacturer:1

Remarks:25050026-1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.2032$ $y=0.7295$ / $u'=0.0716$ $v'=0.5786$

CCT=7278K (Duv=0.1489) Dominant WL: $\lambda_d = 533.8\text{nm}$ Purity=87.2%

Ratio: R=0.8% G=98.4% B=0.8% Peak WL: $\lambda_p = 524.6\text{nm}$ FWHM=29.4nm

Render Index: $R_a = -25.0$ TM30: $R_f = 1$ $R_g = 8$

R1 = -31 R2 = -10 R3 = -27 R4 = -64 R5 = -7 R6 = -18 R7 = -10

R8 = -33 R9 = -336 R10 = -112 R11 = -95 R12 = -39 R13 = -37 R14 = 36 R15 = -31

Photo Parameters:

Flux = 463.2 lm Eff. : 99.34 lm/W $P_e = 898.2\text{ mW}$

Electrical parameters:

$V = 23.997\text{ V}$ $I = 0.1943\text{ A}$ $P = 4.663\text{ W}$ PF = 1.000

Status: Integral T = 237 ms $I_p = 37097$ (57%)

Model: 24SPI16-COB-RGBW-WW

Number: G

Tester: DAMIN

Date: 2025-05-24

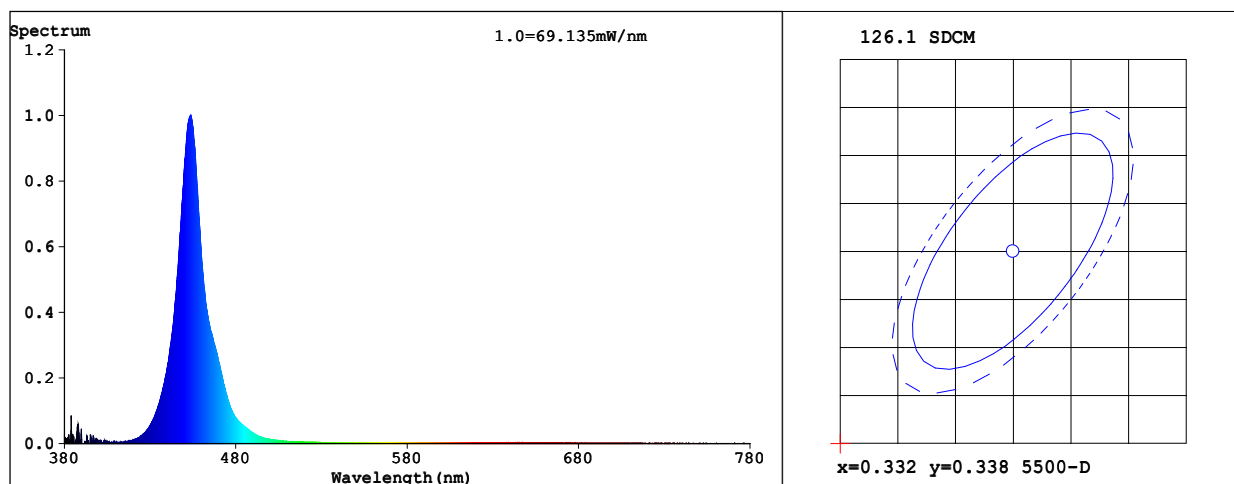
Temperature: 25.3 Deg

Humidity: 65.0%

Manufacturer: 1

Remarks: 25050026-1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1526$ $y=0.0356$ / $u'=0.1956$ $v'=0.1026$

CCT=100000K (Duv=-0.1981) Dominant WL:Ld =457.8nm Purity=97.0%

Ratio:R=3.5% G=17.9% B=78.5% Peak WL:Lp=453.8nm FWHM=15.4nm

Render Index:Ra=-46.3 TM30:Rf=-1 Rg=-1

R1 =28 R2 =-38 R3 =-165 R4 =-92 R5 =34 R6 =-40 R7 =-59

R8 =-38 R9 =-135 R10=-237 R11=-112 R12=-96 R13=4 R14=-37 R15=35

Photo Parameters:

Flux = 69.74 lm Eff. : 15.11 lm/W Fe = 1.513 W

Electrical parameters:

V = 23.997 V I = 0.1924 A P = 4.617 W PF = 1.000

Status: Integral T = 237 ms Ip = 53226 (81%)

Model:24SPI16-COB-RGBW-WW

Number:B

Tester:DAMIN

Date:2025-05-24

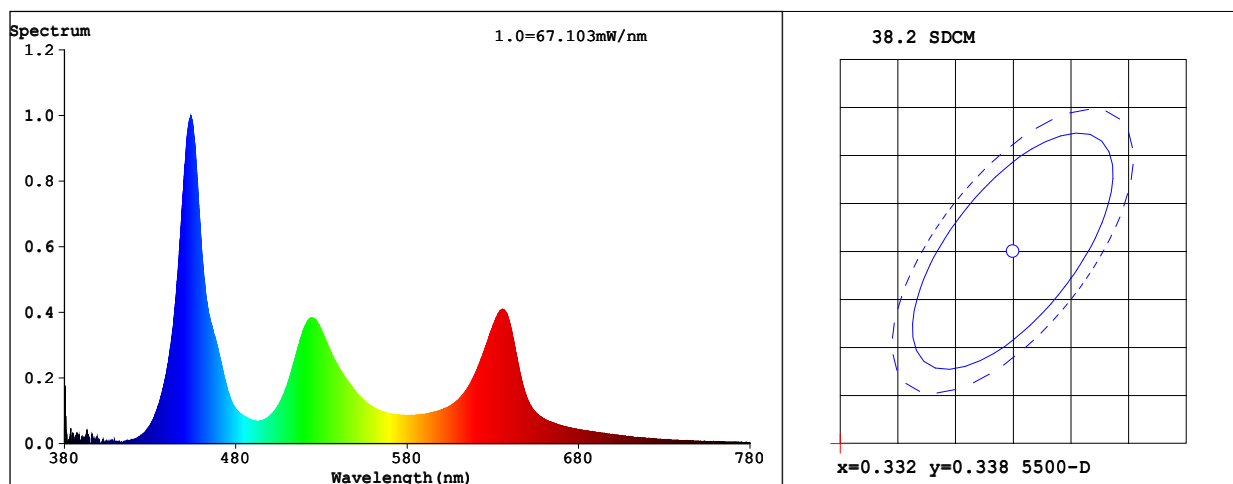
Temperature:25.3Deg

Humidity:65.0%

Manufacturer:1

Remarks:25050026-1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.2703$ $y=0.2545$ $u'=0.1961$ $v'=0.4154$

CCT=16148K (Duv=-0.0116) Dominant WL:Ld =471.6nm Purity=29.5%

Ratio:R=19.2% G=73.5% B=7.3% Peak WL:Lp=453.8nm FWHM=15.7nm

Render Index:Ra=65.2 TM30:Rf=69 Rg=121

R1 =55 R2 =88 R3 =61 R4 =55 R5 =70 R6 =89 R7 =74

R8 =29 R9 =-114 R10=86 R11=43 R12=58 R13=62 R14=75 R15=38

Photo Parameters:

Flux = 873.4 lm Eff. : 56.29 lm/W Fe = 3.740 W

Electrical parameters:

V = 23.997 V I = 0.6465 A P = 15.51 W PF = 1.000

Status: Integral T = 237 ms Ip = 51616 (79%)

Model:24SPI16-COB-RGBW-WW

Number:RGBWW

Tester:DAMIN

Date:2025-05-24

Temperature:25.3Deg

Humidity:65.0%

Manufacturer:1

Remarks:25050026-1M