

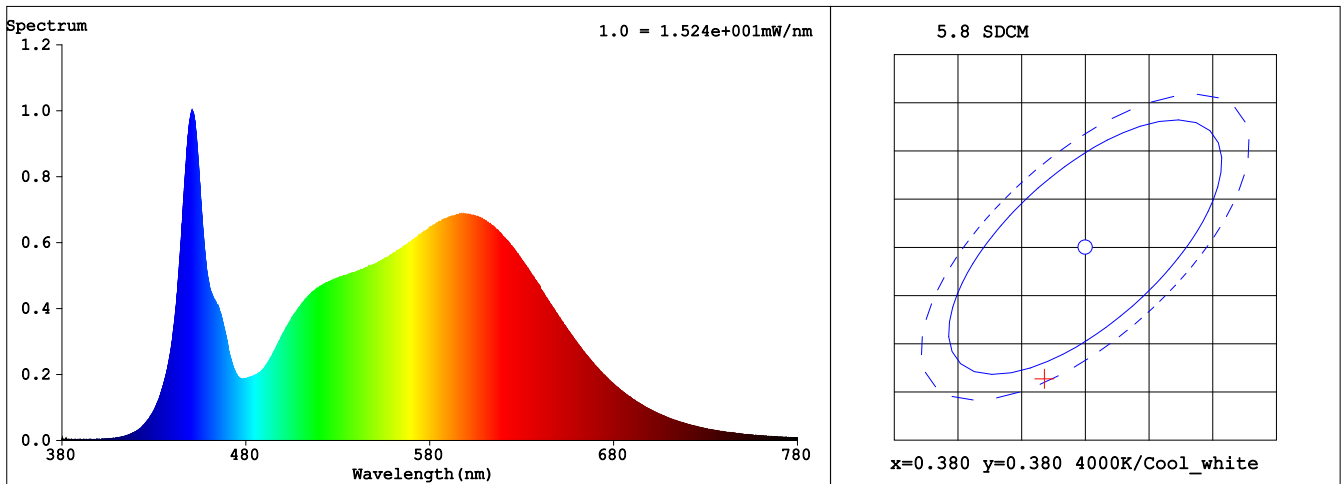
Spectrum Test Report

| | | | | | |
|---------------|---|---------------------|-------------|---|---------------------|
| Sample | : | | Date | : | 2024-03-04 11:11:45 |
| Specification | : | LL286-24X280MM-2835 | Standardtus | : | |
| Sample No. | : | 12S2PX2-21219 | Instrument | : | HaasSuite(EVERFINE) |
| Manufacturer | : | | Test by | : | DAMIN |
| Assessor | : | damin | | | |
| Remark | : | | | | |

Test Condition

| | | | | | |
|-------------|---|---------------|----|---|-------------|
| Temperature | : | 25.3Deg | RH | : | 65.0% |
| WL Range | : | 380nm-780nm | IP | : | 48797 (74%) |
| Test Mode | : | Accuracy Test | T | : | 1709 ms |
| Sensitivity | : | Low | | | |

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3768$ $y = 0.3663$ / $u' = 0.2269$ $v' = 0.4964$ ($duv = -3.88e-03$) $Du, Dv: 0.0022, -0.0032$

CCT= 4024K Prcp WL: $L_d = 581.5nm$ Purity=23.0%

Peak WL: $L_p = 451nm$ FWHM: =15.8nm Ratio: R=19.1% G=77.3% B=3.7%

Render Index: $R_a = 86.2$

R1 =86 R2 =92 R3 =95 R4 =86 R5 =86 R6 =87 R7 =87

R8 =70 R9 =25 R10=79 R11=86 R12=65 R13=88 R14=97 R15=81

Photometric & Radiometric Parameters

Flux = 599.83 lm Eff. : 189.89 lm/W Fe = 1.8726 W

Electrical parameters

V = 31.59 V I = 0.1000 A P = 3.159 W PF = 1.000 F=0.00 Hz

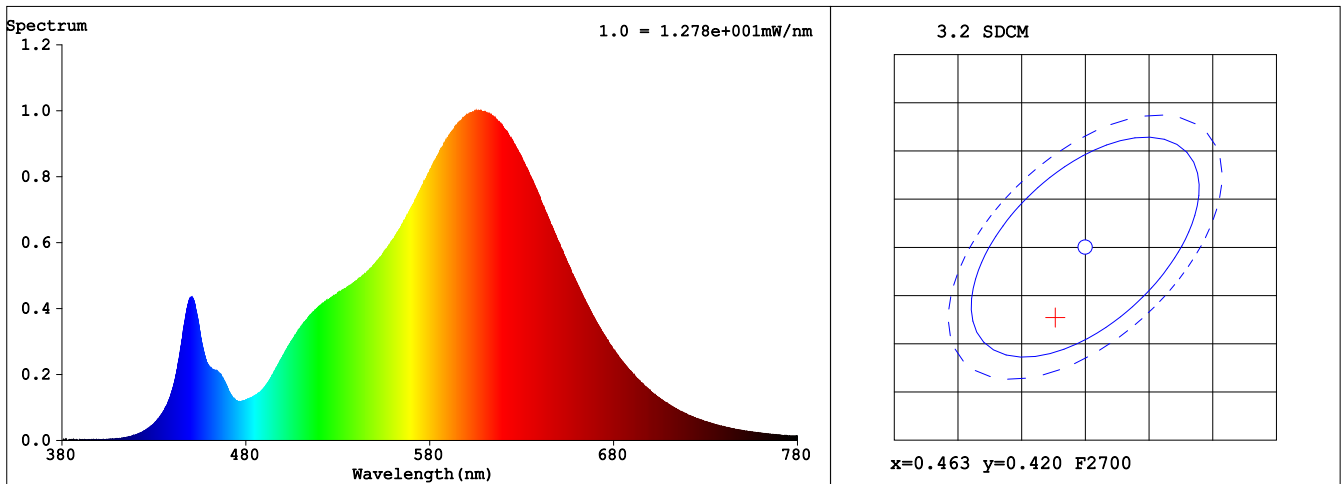
Spectrum Test Report

| | | | | |
|---------------|---|------------|---|---------------------|
| Sample | : | Date | : | 2024-03-04 11:13:02 |
| Specification | : | Standard | : | Standard |
| Sample No. | : | Instrument | : | HaasSuite(EVERFINE) |
| Manufacturer | : | Test by | : | DAMIN |
| Assessor | : | | | |
| Remark | : | | | |

Test Condition

| | | | | | |
|-------------|---|---------------|----|---|-------------|
| Temperature | : | 25.3Deg | RH | : | 65.0% |
| WL Range | : | 380nm-780nm | IP | : | 49345 (75%) |
| Test Mode | : | Accuracy Test | T | : | 1393 ms |
| Sensitivity | : | Low | | | |

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4606$ $y = 0.4127$ / $u' = 0.2621$ $v' = 0.5283$ ($duv=7.06e-04$) $Du, Dv: -0.0002, 0.0007$

CCT= 2705K Prcp WL: $Ld=584.0nm$ Purity=62.2%

Peak WL: $Lp=608nm$ FWHM: $=114.2nm$ Ratio: $R=25.0\%$ $G=73.0\%$ $B=1.9\%$

Render Index: $Ra = 82.1$

R1 =80 R2 =90 R3 =97 R4 =80 R5 =80 R6 =89 R7 =82
 R8 =57 R9 =5 R10=79 R11=81 R12=72 R13=83 R14=99 R15=72

Photometric & Radiometric Parameters

Flux = 580.57 lm Eff. : 180.39 lm/W $Fe = 1.7604 W$

Electrical parameters

$V = 32.18 V$ $I = 0.1000 A$ $P = 3.218 W$ $PF = 1.000$ $F=0.00 Hz$

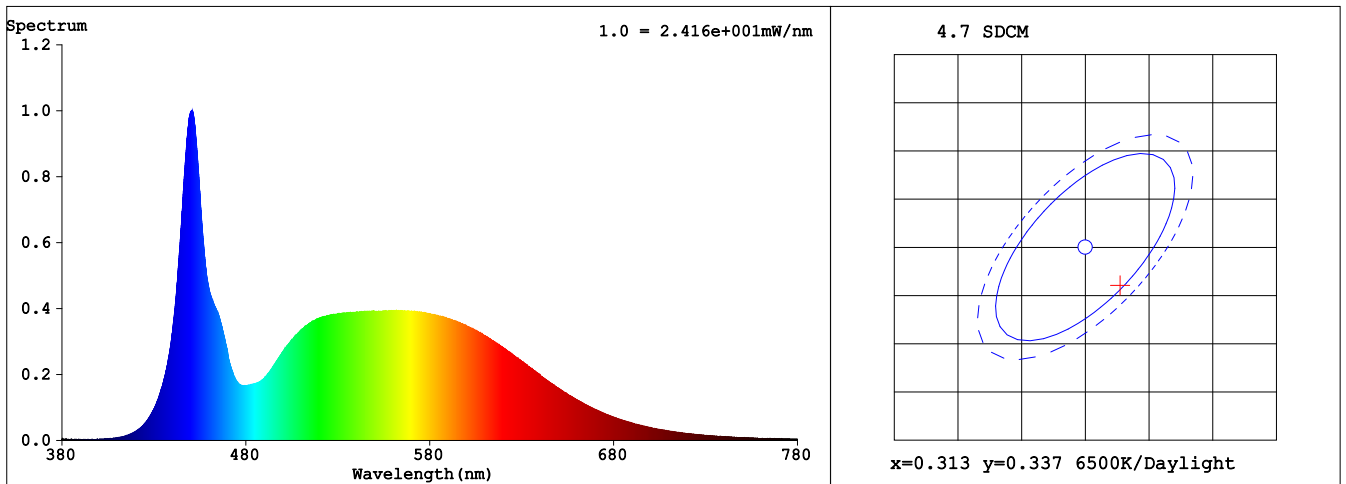
Spectrum Test Report

| | | | | |
|---------------|---|-------------|---|---------------------|
| Sample | : | Date | : | 2024-03-04 11:14:28 |
| Specification | : | Standardtus | : | |
| Sample No. | : | Instrument | : | HaasSuite(EVERFINE) |
| Manufacturer | : | Test by | : | DAMIN |
| Assessor | : | | | |
| Remark | : | | | |

Test Condition

| | | | | | |
|-------------|---|---------------|----|---|-------------|
| Temperature | : | 25.3Deg | RH | : | 65.0% |
| WL Range | : | 380nm-780nm | IP | : | 47651 (73%) |
| Test Mode | : | Accuracy Test | T | : | 1595 ms |
| Sensitivity | : | Low | | | |

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3157$ $y = 0.3330$ / $u' = 0.1984$ $v' = 0.4709$ ($duv=3.75e-03$) $Du, Dv: -0.0030, 0.0022$

CCT= 6317K Prcp WL: $L_d=491.5nm$ Purity=6.0%

Peak WL: $L_p=451nm$ FWHM: =15.8nm Ratio:R=13.6% G=81.3% B=5.1%

Render Index: $R_a = 82.5$

R1 =81 R2 =86 R3 =89 R4 =83 R5 =82 R6 =81 R7 =88

R8 =70 R9 =8 R10=67 R11=82 R12=55 R13=82 R14=94 R15=76

Photometric & Radiometric Parameters

Flux = 619.57 lm Eff. : 192.64 lm/W Fe = 1.9789 W

Electrical parameters

V = 32.16 V I = 0.1000 A P = 3.216 W PF = 1.000 F=0.00 Hz