

Date : 2026-07-16
Test by : E.V.
Specification : AL-SL-DL-CC-IP20-24-RGB6K
Sample No. : 1

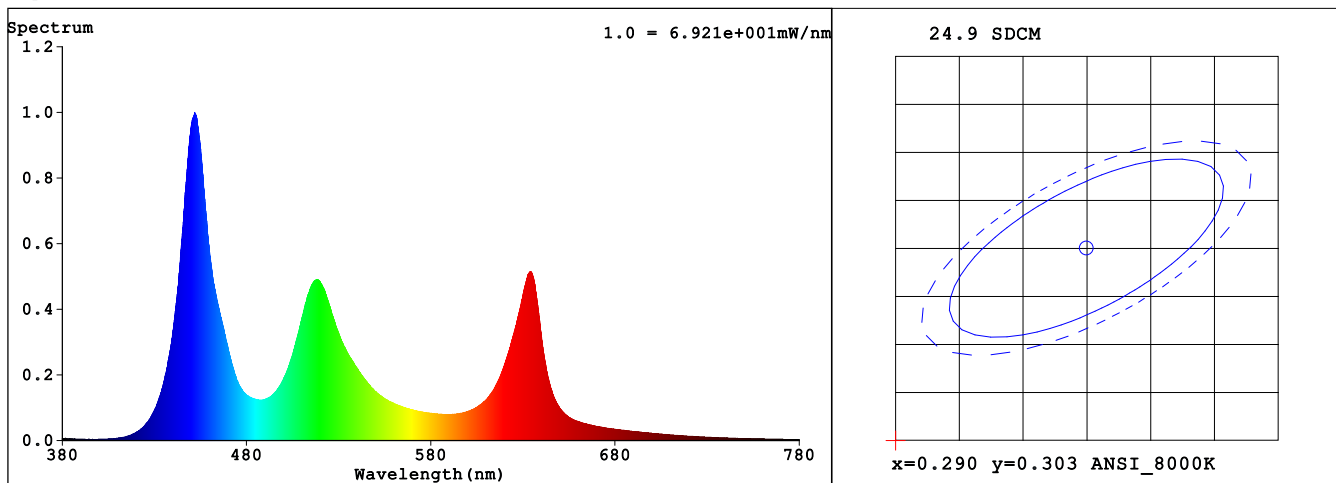
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

Temperature : 25Deg
WL Range : 380nm-780nm
Test Mode : Fast Test
Sensitivity : High

RH : 60.0%
IP : 52885 (81%)
T : 120 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2579$ $y = 0.2566$ / $u' = 0.1854$ $v' = 0.4151$ ($duv = -2.78e-04$)

CCT= 19881K Prcp WL: Ld=476.7nm Purity=32.9%

Peak WL: Lp=452nm FWHM: =18.3nm Ratio:R=17.7% G=74.1% B=8.2%

Render Index: Ra = 69.3 CRI = 62.6 TM30:Rf=73 Rg=118

EEL: 0.23159 A

R1 =61 R2 =90 R3 =74 R4 =57 R5 =72 R6 =89 R7 =76

R8 =35 R9 =0 R10=77 R11=39 R12=70 R13=67 R14=83 R15=47

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 996.33 lm Eff. : 56.17 lm/W Fe = 4.2833 W

Electrical parameters

V = 24.00 V I = 0.7392 A P = 17.74 W PF = 1.000 F=0.00 Hz



Photometric Spectrum

TEST REPORT



Date : 2026-07-16
Test by : E.V.
Specification : AL-SL-DL-CC-IP20-24-RGB6K
Sample No. : 2

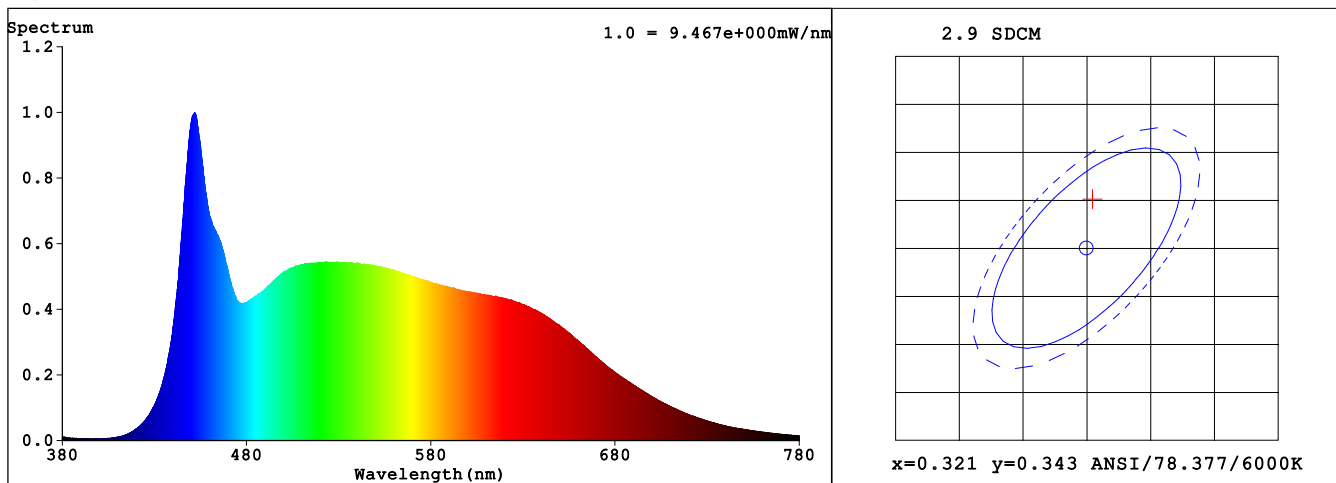
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

Temperature : 25Deg
WL Range : 380nm-780nm
Test Mode : Fast Test
Sensitivity : High

RH : 60.0%
IP : 51628 (79%)
T : 786 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3215$ $y = 0.3476$ / $u' = 0.1970$ $v' = 0.4792$ ($duv=8.91e-03$)

CCT= 5979K Prcp WL: Ld=508.5nm Purity=3.7%

Peak WL: Lp=452nm FWHM: =27.6nm Ratio:R=14.8% G=78.5% B=6.7%

Render Index: Ra = 92.7 CRI = 89.4 TM30:Rf=91 Rg=96

EEL: 0.13541 A+

R1=92 R2=96 R3=98 R4=90 R5=91 R6=94 R7=94

R8=86 R9=64 R10=91 R11=91 R12=71 R13=93 R14=99 R15=88

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 343.01 lm Eff.: 76.52 lm/W Fe = 1.1966 W

Electrical parameters

V = 24.00 V I = 0.1868 A P = 4.483 W PF = 1.000 F=0.00 Hz



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Test by : E.V.
Specification : AL-SL-DL-CC-IP20-24-RGB6K
Sample No. : 3

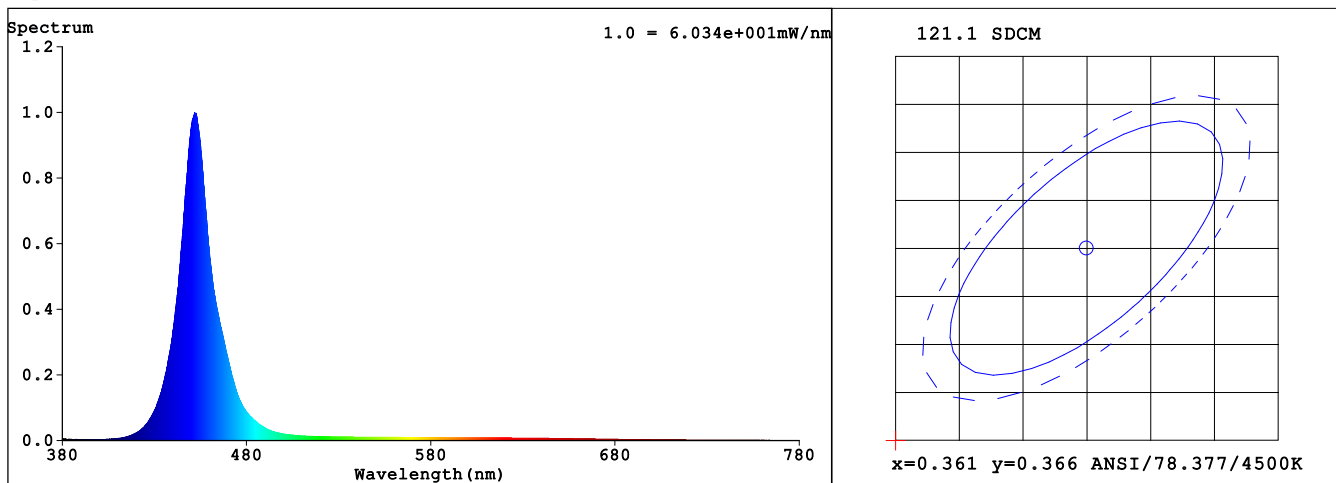
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

Temperature : 25Deg
WL Range : 380nm-780nm
Test Mode : Fast Test
Sensitivity : High

RH : 60.0%
IP : 53636 (82%)
T : 144 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1626$ $y = 0.0480$ / $u' = 0.2001$ $v' = 0.1328$ ($duv = -1.81e-01$)

CCT $\geq 100000K$ Prcp WL: $L_d = 456.6nm$ Purity = 92.5%

Peak WL: $L_p = 452nm$ FWHM: $= 17.9nm$ Ratio: R=6.2% G=37.2% B=56.7%

Render Index: $R_a = 16.4$ CRI = 14.7 TM30: $R_f = 0$ $R_g = -115$

EEL: 0.36177 B

R1 = 65 R2 = 0 R3 = 0 R4 = 0 R5 = 65 R6 = 0 R7 = 0
R8 = 0 R9 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 31 R14 = 0 R15 = 59

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 90.187 lm Eff. : 19.51 lm/W $F_e = 1.5178 W$

Electrical parameters

V = 24.00 V I = 0.1926 A P = 4.622 W PF = 1.000 F = 0.00 Hz



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Specification : AL-SL-DL-CC-IP20-24-RGB6K
Sample No. : 4

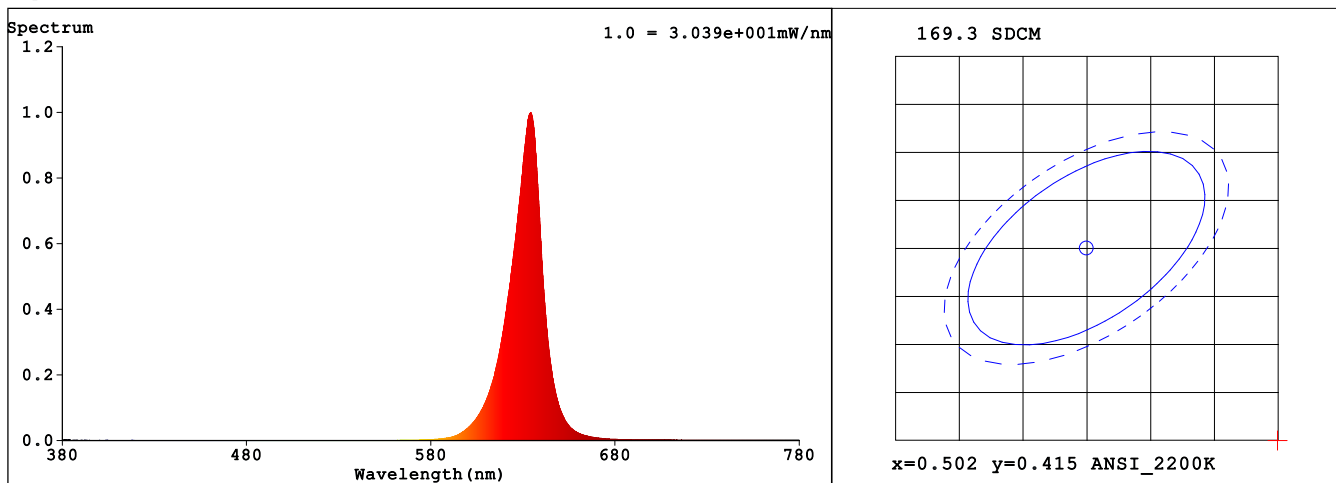
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

Temperature : 25Deg
WL Range : 380nm-780nm
Test Mode : Fast Test
Sensitivity : High

RH : 60.0%
IP : 54014 (82%)
T : 144 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.7003$ $y = 0.3035$ / $u' = 0.5344$ $v' = 0.5211$ ($duv = -8.60e-02$)

CCT= 1001K Prcp WL: Ld=622.4nm Purity=100.0%

Peak WL: Lp=634nm FWHM: =17.3nm Ratio:R=96.7% G=3.3% B=0.0%

Render Index: Ra = 26.7 CRI = 30.3 TM30:Rf=0 Rg=0

EEL: 0.26526 B

R1=7 R2=78 R3=31 R4=0 R5=2 R6=89 R7=7
R8=0 R9=0 R10=72 R11=0 R12=80 R13=30 R14=60 R15=0

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 119.14 lm Eff. : 29.08 lm/W Fe = 646.58 mW

Electrical parameters

V = 24.00 V I = 0.1707 A P = 4.096 W PF = 1.000 F=0.00 Hz



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Sample No. : 5

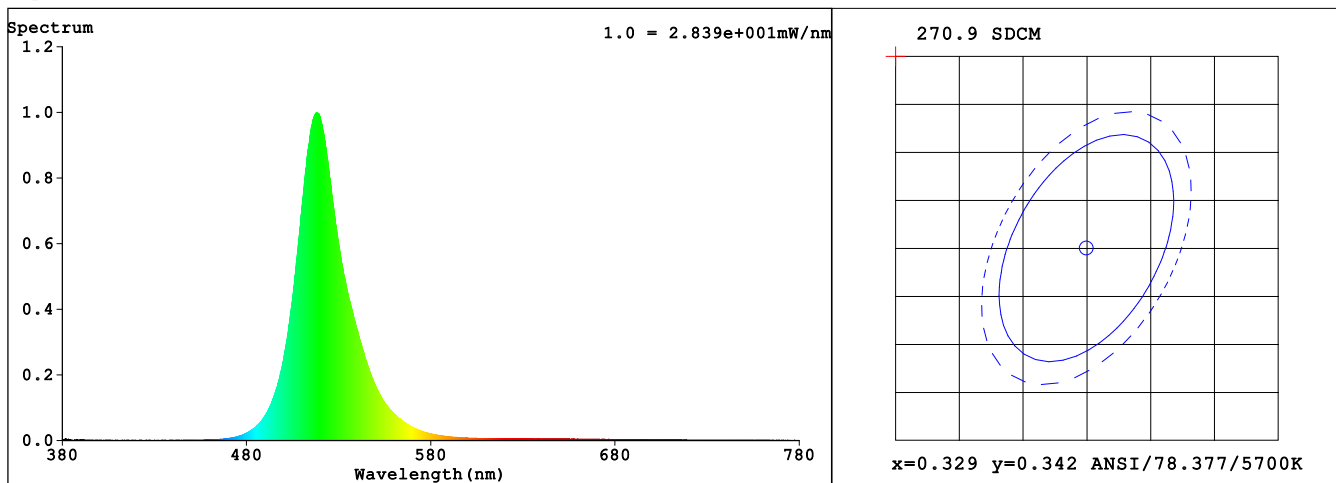
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

Temperature : 25Deg
WL Range : 380nm-780nm
Test Mode : Fast Test
Sensitivity : High

RH : 60.0%
IP : 46443 (71%)
T : 144 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1566$ $y = 0.7341$ / $u' = 0.0545$ $v' = 0.5747$ ($duv=1.63e-01$)

CCT= 7995K Prcp WL: Ld=525.3nm Purity=81.5%

Peak WL: Lp=518nm FWHM: =26.7nm Ratio:R=0.5% G=97.6% B=1.9%

Render Index: Ra = 0.0 CRI = 2.3 TM30:Rf=1 Rg=7

EEL: 0.11513 A+

R1=0 R2=0 R3=0 R4=0 R5=0 R6=0 R7=0
R8=0 R9=0 R10=0 R11=0 R12=0 R13=0 R14=35 R15=0

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 448.39 lm Eff.: 95.92 lm/W Fe = 952.87 mW

Electrical parameters

V = 24.00 V I = 0.1948 A P = 4.675 W PF = 1.000 F=0.00 Hz

