

Date : 2026-04-24
Test by : E.V.
Specification : AL-SL-W90-IP20-24-27K
Sample No. : 1

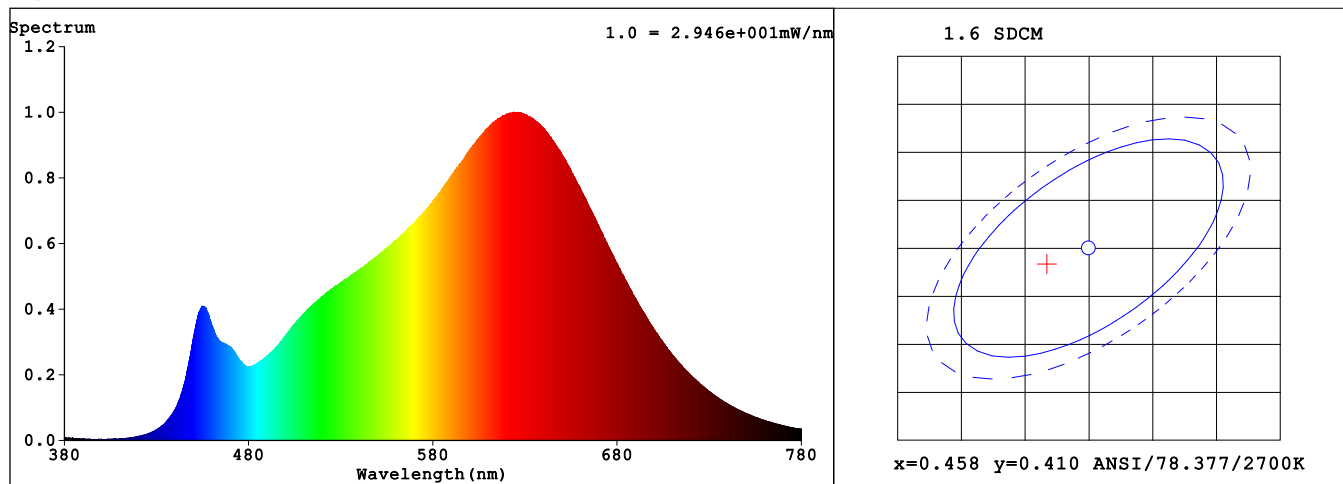
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 53588 (82%)
T : 142 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4545$ $y = 0.4084$ / $u' = 0.2600$ $v' = 0.5257$ ($duv = -3.31e-04$)

CCT= 2759K Prcp WL: Ld=584.0nm Purity=59.0%

Peak WL: Lp=626nm FWHM: =148.5nm Ratio:R=26.2% G=71.0% B=2.8%

Render Index: Ra = 94.3 CRI = 92.3 TM30:Rf=92 Rg=99

EEL: 0.15359 A+

R1 =95 R2 =99 R3 =99 R4 =94 R5 =95 R6 =97 R7 =92
R8 =84 R9 =66 R10=96 R11=96 R12=84 R13=97 R14=100 R15=91
LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 1353.0 lm Eff. : 88.69 lm/W Fe = 4.8291 W

Electrical parameters

V = 24.00 V I = 0.6357 A P = 15.26 W PF = 1.000 F=0.00 Hz



Date : 2026-04-24
Test by : E.V.
Specification : AL-SL-W90-IP20-24-3K
Sample No. : 1

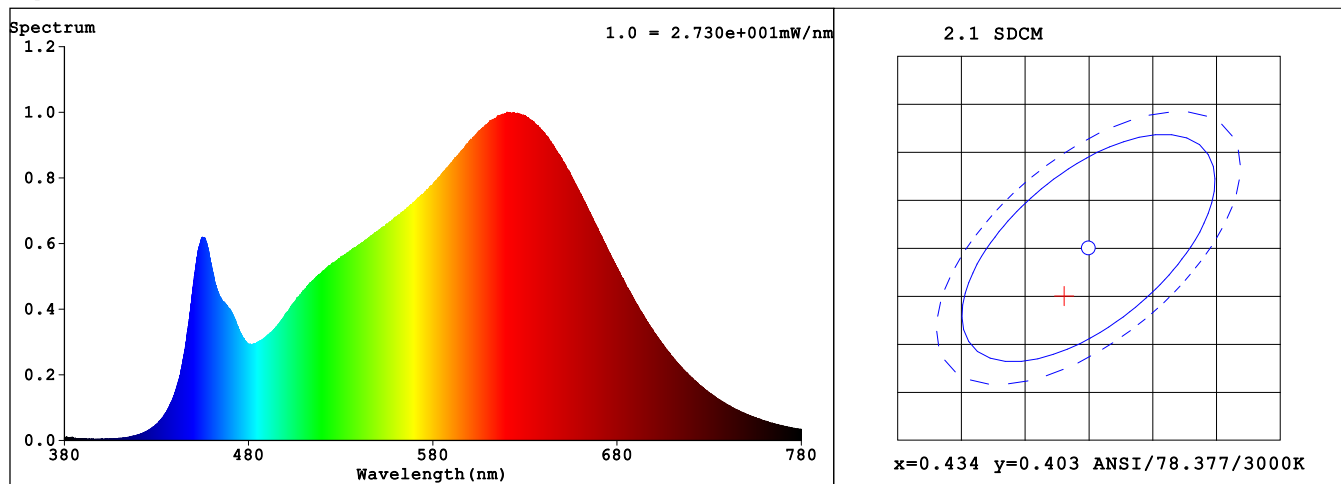
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 50066 (76%)
T : 142 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4319$ $y = 0.3980$ / $u' = 0.2499$ $v' = 0.5182$ ($duv = -1.92e-03$)

CCT= 3037K Prcp WL: Ld=583.3nm Purity=49.1%

Peak WL: Lp=620nm FWHM: =165.2nm Ratio:R=24.2% G=72.4% B=3.4%

Render Index: Ra = 94.7 CRI = 92.7 TM30:Rf=92 Rg=100

EEL: 0.15050 A+

R1=96 R2=99 R3=98 R4=94 R5=95 R6=96 R7=92
R8=86 R9=70 R10=97 R11=95 R12=81 R13=98 R14=100 R15=93
LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 1365.8 lm Eff.: 90.51 lm/W Fe = 4.8184 W

Electrical parameters

V = 24.00 V I = 0.6288 A P = 15.09 W PF = 1.000 F=0.00 Hz

 EVERFINE

Date : 2026-04-24
Test by : E.V.
Specification : AL-SL-W90-IP20-24-4K
Sample No. : 1

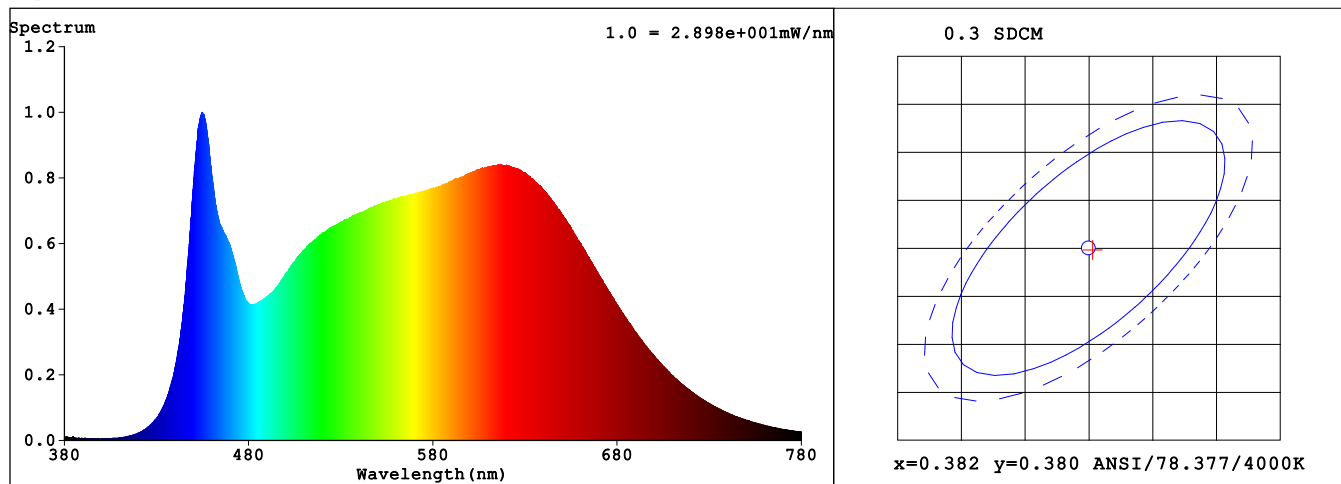
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 45746 (70%)
T : 142 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3821$ $y = 0.3795$ / $u' = 0.2251$ $v' = 0.5030$ ($duv=9.55e-04$)

CCT= 3975K Prcp WL: $L_d=578.7nm$ Purity=28.6%

Peak WL: $L_p=455nm$ FWHM: =27.9nm Ratio:R=19.8% G=75.6% B=4.6%

Render Index: $R_a = 94.1$ CRI = 91.4 TM30:Rf=91 Rg=97

EEL: 0.13742 A+

R1 =95 R2 =99 R3 =99 R4 =92 R5 =93 R6 =95 R7 =93

R8 =87 R9 =72 R10=95 R11=93 R12=71 R13=97 R14=99 R15=92

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 1501.6 lm Eff. : 99.13 lm/W $F_e = 5.1474 W$

Electrical parameters

V = 24.00 V I = 0.6312 A P = 15.15 W PF = 1.000 F=0.00 Hz

 EVERFINE

Date : 2026-04-24
Test by : E.V.
Specification : AL-SL-W90-IP20-6K
Sample No. : 1

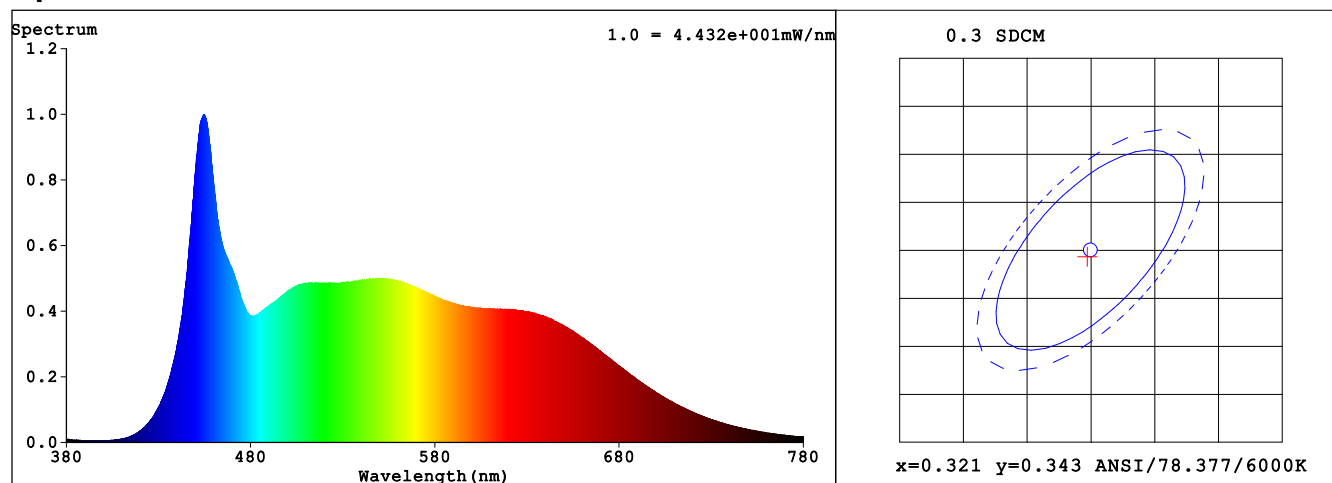
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 53172 (81%)
T : 184 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3207$ $y = 0.3418$ / $u' = 0.1986$ $v' = 0.4762$ (duv=6.41e-03)

CCT= 6033K Prcp WL: Ld=500.6nm Purity=3.9%

Peak WL: Lp=455nm FWHM: =26.6nm Ratio:R=15.1% G=78.0% B=6.8%

Render Index: Ra = 94.0 CRI = 91.5 TM30:Rf=92 Rg=97

EEL: 0.13942 A+

R1=94 R2=98 R3=98 R4=91 R5=92 R6=95 R7=94

R8=90 R9=79 R10=94 R11=92 R12=70 R13=95 R14=99 R15=92

LEVEL:OUT WHITE:ANSI_6500K

Photometric & Radiometric Parameters

Flux = 1485.6 lm Eff. : 97.70 lm/W Fe = 5.3662 W

Electrical parameters

V = 24.00 V I = 0.6336 A P = 15.21 W PF = 1.000 F=0.00 Hz

