

Date : 2026-03-22
Test by : E.V.
Specification : AL-SL-DL-CC-IP68-24-27K-32
Sample No. : 1

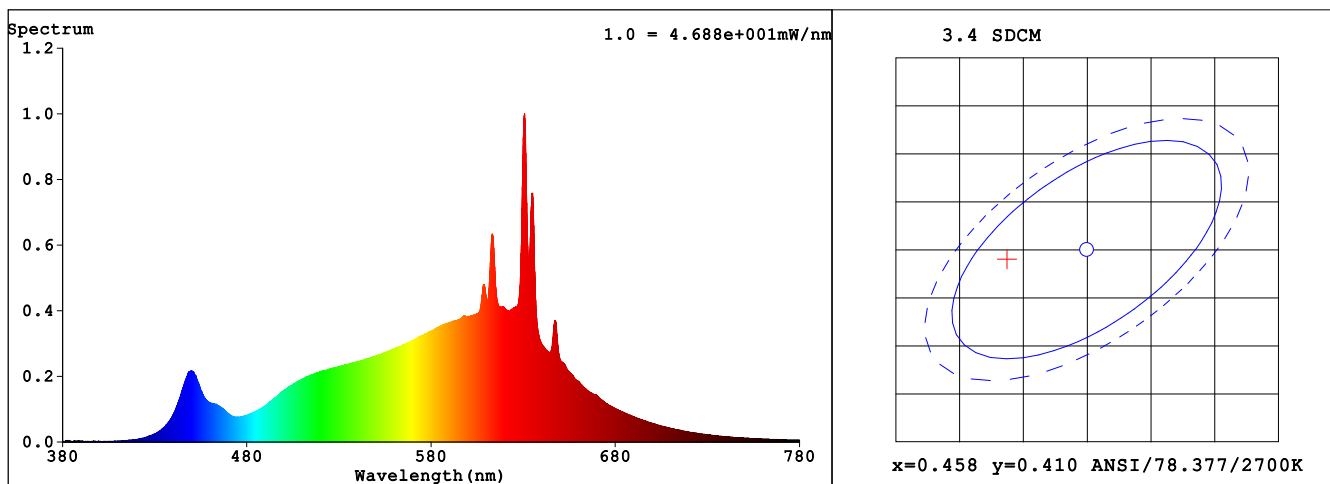
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 52019 (79%)
T : 90 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4515$ $y = 0.4091$ / $u' = 0.2578$ $v' = 0.5255$ ($duv = -5.43e-05$)

CCT= 2809K Prcp WL: Ld=583.6nm Purity=58.3%

Peak WL: Lp=631nm FWHM: =8.3nm Ratio:R=25.8% G=71.7% B=2.6%

Render Index: Ra = 93.1 CRI = 90.2 TM30:Rf=91 Rg=100

EEL: 0.12426 A+

R1 =94 R2 =97 R3 =98 R4 =95 R5 =94 R6 =97 R7 =91
R8 =80 R9 =54 R10=91 R11=97 R12=85 R13=95 R14=98 R15=88

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 995.79 lm Eff.: 104.67 lm/W Fe = 3.0726 W

Electrical parameters

V = 23.69 V I = 0.4016 A P = 9.514 W PF = 1.000 F=0.00 Hz



Date : 2026-03-22
Test by : E.V.
Specification : AL-SL-DL-CC-IP68-24-3K-32
Sample No. : 1

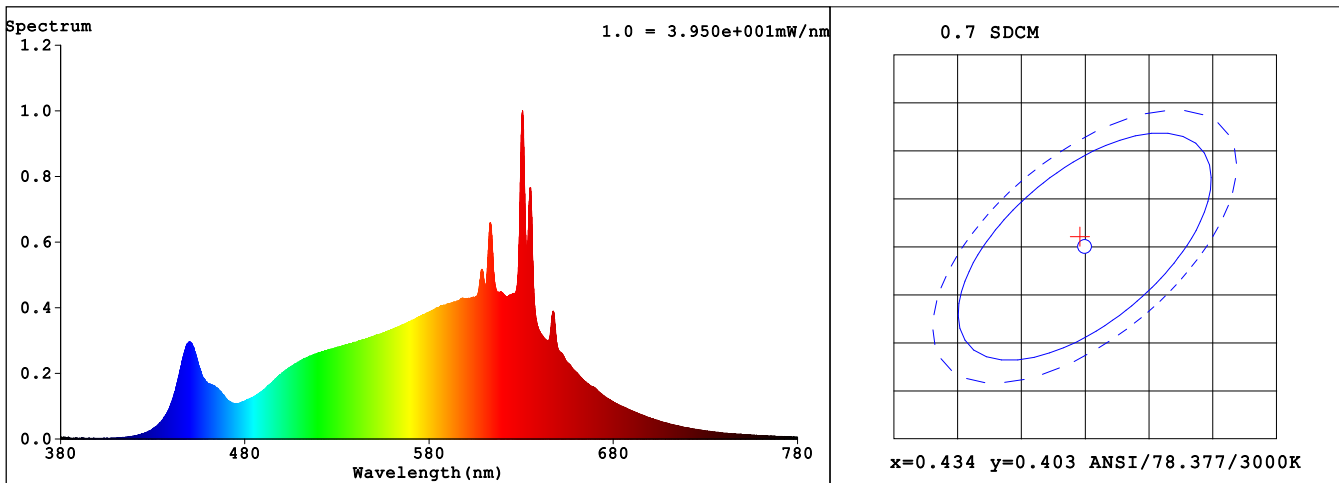
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 53073 (81%)
T : 109 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4334$ $y = 0.4040$ / $u' = 0.2483$ $v' = 0.5208$ ($duv=3.15e-04$)

CCT= 3060K Prcp WL: Ld=582.4nm Purity=51.4%

Peak WL: Lp=631nm FWHM: =8.6nm Ratio:R=24.0% G=73.1% B=3.0%

Render Index: Ra = 93.1 CRI = 90.0 TM30:Rf=91 Rg=99

EEL: 0.12694 A+

R1 =94 R2 =97 R3 =98 R4 =94 R5 =94 R6 =96 R7 =91
R8 =81 R9 =55 R10=91 R11=96 R12=82 R13=94 R14=98 R15=88

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 969.17 lm Eff. : 101.96 lm/W Fe = 2.9888 W

Electrical parameters

V = 23.67 V I = 0.4016 A P = 9.506 W PF = 1.000 F=0.00 Hz



Date : 2026-03-17
Test by : E.V.
Specification : AL-SL-DL-CC-IP68-24-4K-32
Sample No. : 1

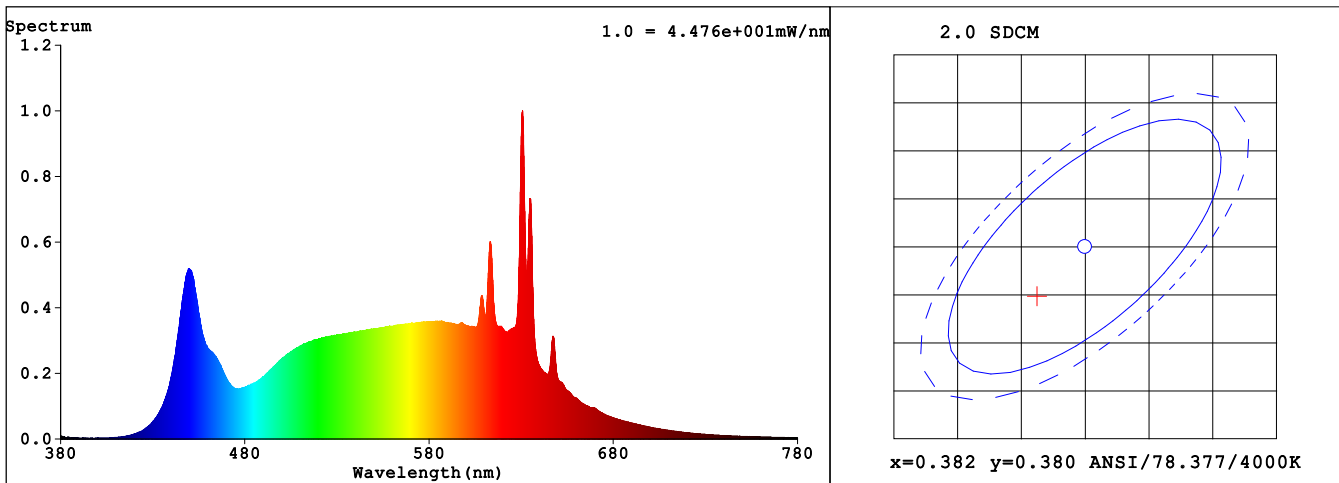
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 53518 (82%)
T : 97 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3781$ $y = 0.3745$ / $u' = 0.2244$ $v' = 0.5003$ ($duv = -1.72e-04$)

CCT= 4048K Prcp WL: Ld=579.1nm Purity=25.9%

Peak WL: Lp=631nm FWHM: =4.4nm Ratio:R=19.8% G=76.0% B=4.3%

Render Index: Ra = 93.8 CRI = 90.5 TM30:Rf=91 Rg=100

EEL: 0.11733 A+

R1 =95 R2 =96 R3 =95 R4 =95 R5 =94 R6 =94 R7 =94

R8 =87 R9 =66 R10=89 R11=95 R12=73 R13=95 R14=97 R15=92

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 1079.6 lm Eff. : 112.47 lm/W Fe = 3.3324 W

Electrical parameters

V = 24.00 V I = 0.4000 A P = 9.599 W PF = 1.000 F=0.00 Hz



Date : 2026-03-22
Test by : E.V.
Specification : AL-SL-DL-CC-IP68-24-6K-32
Sample No. : 1

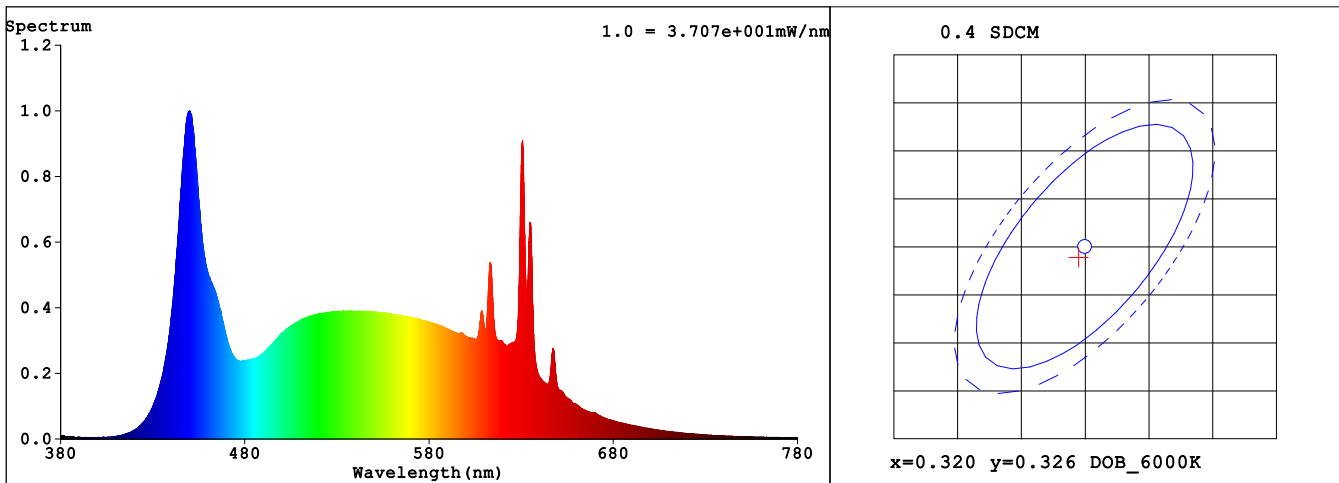
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 53542 (82%)
T : 129 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3196$ $y = 0.3245$ / $u' = 0.2044$ $v' = 0.4669$ ($duv = -1.97e-03$)

CCT= 6159K Prcp WL: Ld=482.9nm Purity=5.4%

Peak WL: Lp=450nm FWHM: =18.2nm Ratio:R=16.1% G=77.8% B=6.1%

Render Index: Ra = 94.8 CRI = 92.3 TM30:Rf=91 Rg=102

EEL: 0.12678 A+

R1 =97 R2 =96 R3 =91 R4 =96 R5 =96 R6 =91 R7 =96

R8 =95 R9 =85 R10=88 R11=95 R12=70 R13=97 R14=95 R15=98

LEVEL:OUT WHITE:ANSI_6500K

Photometric & Radiometric Parameters

Flux = 974.03 lm Eff. : 102.18 lm/W Fe = 3.2645 W

Electrical parameters

V = 23.69 V I = 0.4023 A P = 9.532 W PF = 1.000 F=0.00 Hz

