

Date : 2026-03-16
Test by : E.V.
Specification : AL-SL-FC-IP20-24-27K
Sample No. : 1

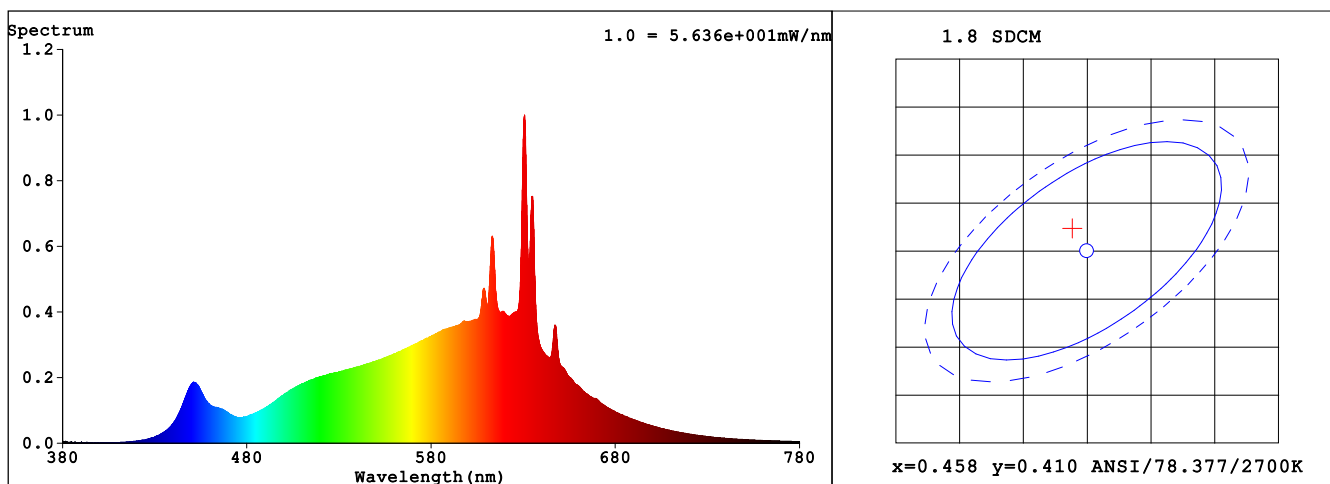
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 59754 (91%)
T : 86 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4567$ $y = 0.4124$ / $u' = 0.2596$ $v' = 0.5276$ ($duv=6.84e-04$)

CCT= 2760K Prcp WL: Ld=583.6nm Purity=60.9%

Peak WL: Lp=631nm FWHM: =8.2nm Ratio:R=26.1% G=71.3% B=2.5%

Render Index: Ra = 93.2 CRI = 90.3 TM30:Rf=91 Rg=99

EEL: 0.12155 A+

R1 =94 R2 =97 R3 =99 R4 =94 R5 =94 R6 =97 R7 =90
R8 =79 R9 =53 R10=92 R11=97 R12=85 R13=95 R14=99 R15=88

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 1151.4 lm Eff. : 109.79 lm/W Fe = 3.5318 W

Electrical parameters

V = 24.00 V I = 0.4370 A P = 10.49 W PF = 1.000 F=0.00 Hz



Date : 2026-03-03
Test by : E.V.
Specification : AL-SL-FC-IP20-24-3K
Sample No. : 1

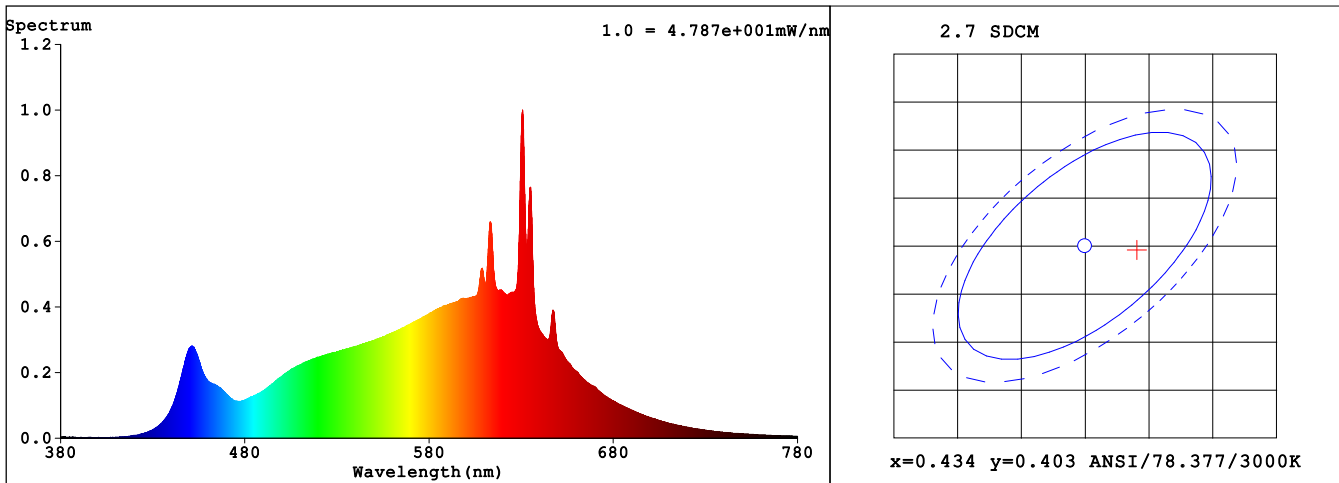
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 53735 (82%)
T : 91 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4379$ $y = 0.4026$ / $u' = 0.2518$ $v' = 0.5209$ ($duv = -9.30e-04$)

CCT= 2972K Prcp WL: Ld=583.2nm Purity=52.3%

Peak WL: Lp=631nm FWHM: =8.7nm Ratio:R=24.7% G=72.3% B=3.0%

Render Index: Ra = 93.3 CRI = 90.5 TM30:Rf=91 Rg=99

EEL: 0.11865 A+

R1 =94 R2 =98 R3 =99 R4 =94 R5 =94 R6 =96 R7 =90
R8 =80 R9 =55 R10=94 R11=96 R12=84 R13=95 R14=99 R15=89

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 1143.0 lm Eff.: 112.34 lm/W Fe = 3.5486 W

Electrical parameters

V = 24.00 V I = 0.4240 A P = 10.18 W PF = 1.000 F=0.00 Hz



Date : 2026-03-03
Test by : E.V.
Specification : AL-SL-FC-IP20-24-4K
Sample No. : 1

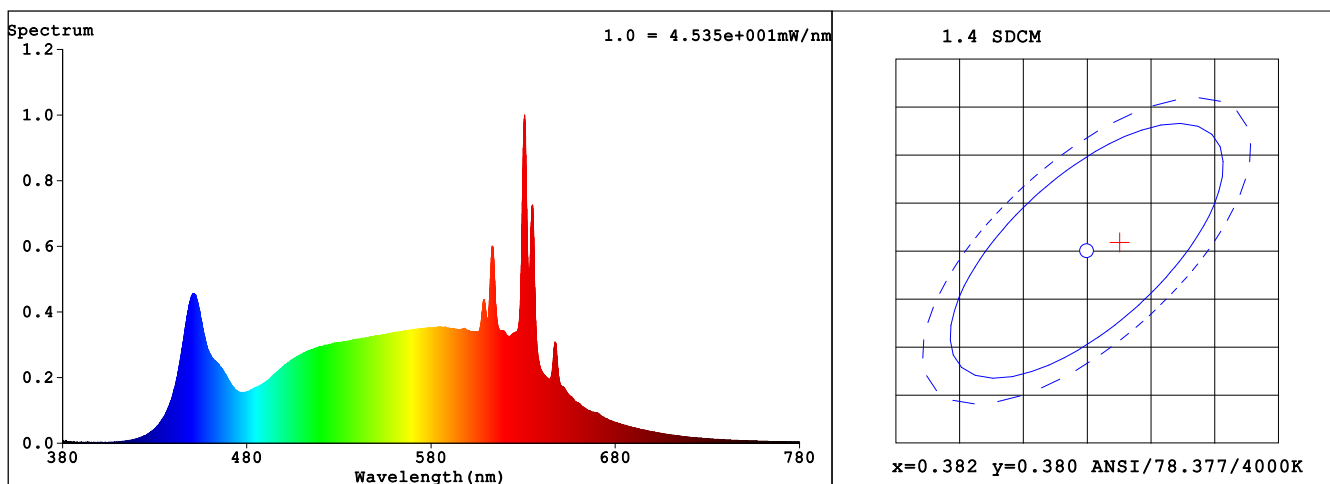
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 51480 (79%)
T : 92 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3844$ $y = 0.3806$ / $u' = 0.2262$ $v' = 0.5038$ ($duv=7.87e-04$)

CCT= 3923K Prcp WL: Ld=579.0nm Purity=29.6%

Peak WL: Lp=631nm FWHM: =7.7nm Ratio:R=20.2% G=75.6% B=4.2%

Render Index: Ra = 93.9 CRI = 90.6 TM30:Rf=91 Rg=99

EEL: 0.11660 A+

R1 =95 R2 =97 R3 =97 R4 =95 R5 =94 R6 =94 R7 =94
R8 =86 R9 =65 R10=90 R11=95 R12=73 R13=95 R14=97 R15=91

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 1072.0 lm Eff. : 113.03 lm/W Fe = 3.2811 W

Electrical parameters

V = 24.00 V I = 0.3952 A P = 9.484 W PF = 1.000 F=0.00 Hz



Date : 2026-03-17
 Test by : E.V.
 Specification : AL-SL-FC-IP20-24-6K
 Sample No. : 1

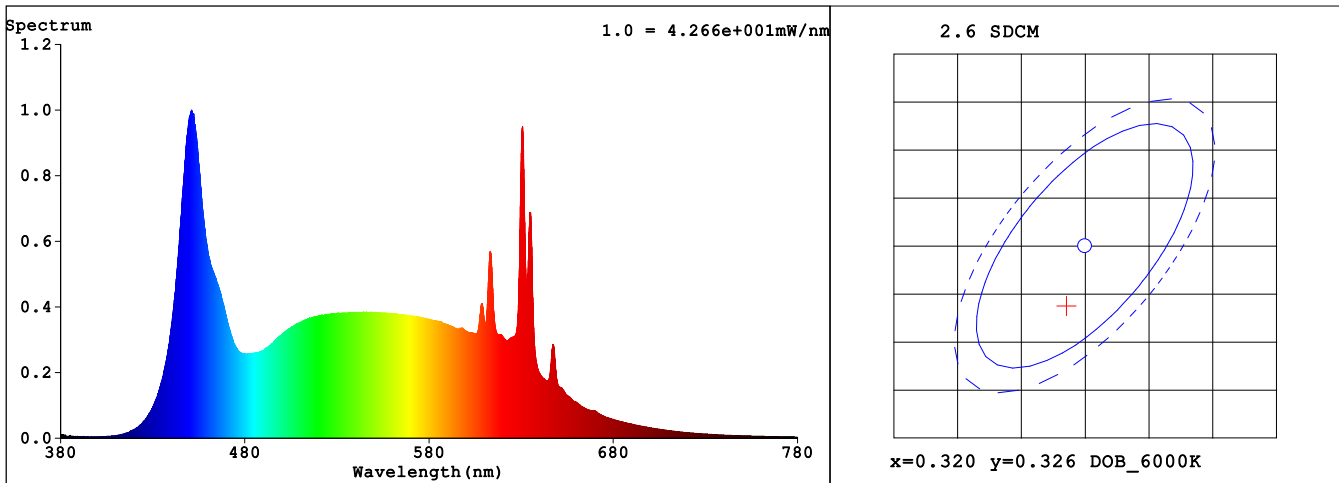
Sam. Status : First Sample Test
 Instrument : HaasSuite(EVERFINE)
 Remark : 1M
 Device SN : HS-2000

Test Condition

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

RH : 60.0%
 IP : 53996 (82%)
 T : 108 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3187$ $y = 0.3193$ / $u' = 0.2058$ $v' = 0.4640$ ($duv = -4.91e-03$)
 CCT= 6239K Prcp WL: Ld=477.8nm Purity=6.3%
 Peak WL: Lp=451nm FWHM: =20.3nm Ratio:R=16.7% G=76.9% B=6.3%
 Render Index: Ra = 95.7 CRI = 93.8 TM30:Rf=91 Rg=102

EEL: 0.12251 A+

R1 =96 R2 =97 R3 =93 R4 =98 R5 =96 R6 =92 R7 =97
 R8 =97 R9 =93 R10=93 R11=95 R12=71 R13=97 R14=95 R15=97
 LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 1129.8 lm Eff.: 108.57 lm/W Fe = 3.8300 W

Electrical parameters

V = 24.00 V I = 0.4336 A P = 10.41 W PF = 1.000 F=0.00 Hz

