

Date : 2026-02-26
Test by : E.V.
Specification : AL-SL-DL-IP20-24-27K
Sample No. : 1

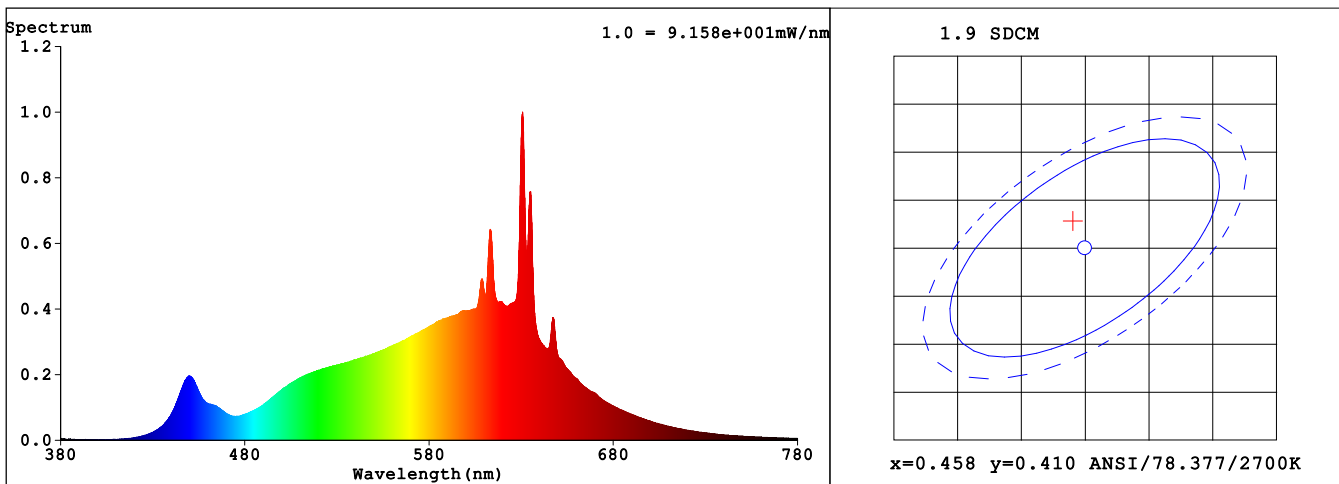
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 57616 (88%)
T : 51 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4569$ $y = 0.4129$ / $u' = 0.2595$ $v' = 0.5278$ ($duv=8.37e-04$)

CCT= 2761K Prcp WL: Ld=583.5nm Purity=61.1%

Peak WL: Lp=631nm FWHM: =8.4nm Ratio:R=26.0% G=71.6% B=2.4%

Render Index: Ra = 92.3 CRI = 89.1 TM30:Rf=91 Rg=99

EEL: 0.10928 A++ Highest

R1 =93 R2 =96 R3 =98 R4 =94 R5 =93 R6 =97 R7 =90

R8 =78 R9 =50 R10=90 R11=96 R12=85 R13=94 R14=98 R15=87

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 1969.8 lm Eff.: 124.65 lm/W Fe = 6.0410 W

Electrical Parameters

V = 24.00 V I = 0.6585 A P = 15.80 W PF = 1.000 F=0.00 Hz



Photometric Spectrum

TEST REPORT



Date : 2026-03-02
Test by : E.V.
Specification : AL-SL-DL-IP20-24-3K
Sample No. : 1

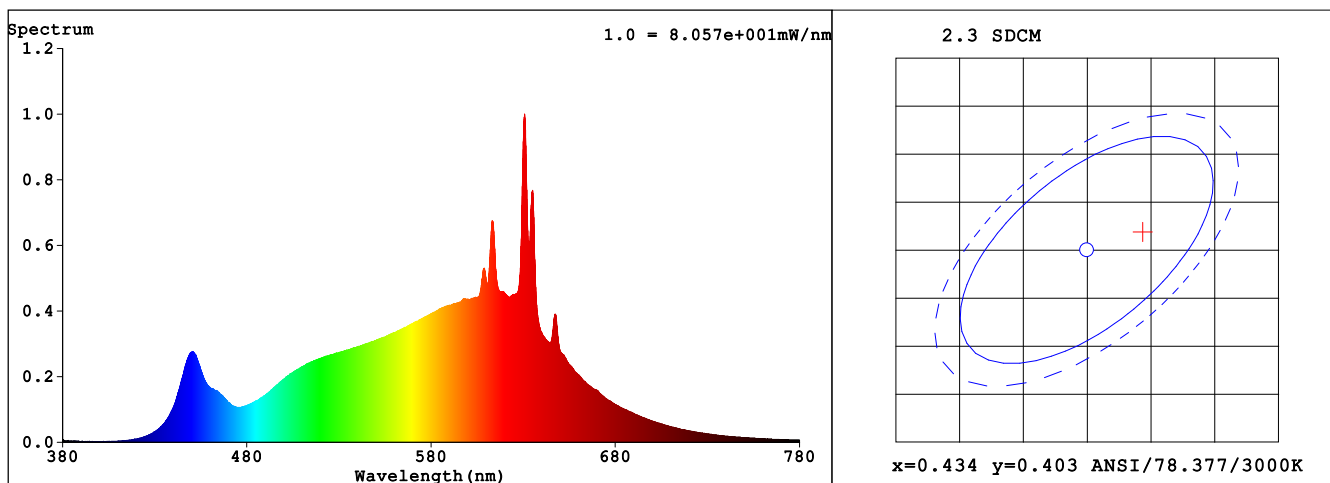
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 56655 (86%)
T : 57 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4382$ $y = 0.4049$ / $u' = 0.2510$ $v' = 0.5219$ ($duv = -4.84e-05$)

CCT= 2986K Prcp WL: Ld=582.8nm Purity=53.0%

Peak WL: Lp=631nm FWHM: =8.7nm Ratio:R=24.4% G=72.7% B=2.9%

Render Index: Ra = 92.6 CRI = 89.5 TM30:Rf=91 Rg=99

EEL: 0.11044 A+

R1 =93 R2 =97 R3 =99 R4 =93 R5 =93 R6 =96 R7 =91

R8 =79 R9 =52 R10=91 R11=95 R12=83 R13=94 R14=98 R15=88

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 1981.1 lm Eff.: 123.34 lm/W Fe = 6.1084 W

Electrical Parameters

V = 24.00 V I = 0.6693 A P = 16.06 W PF = 1.000 F=0.00 Hz



Date : 2026-02-25
 Test by : E.V.
 Specification : AL-SL-DL-IP20-24-35K
 Sample No. : 1

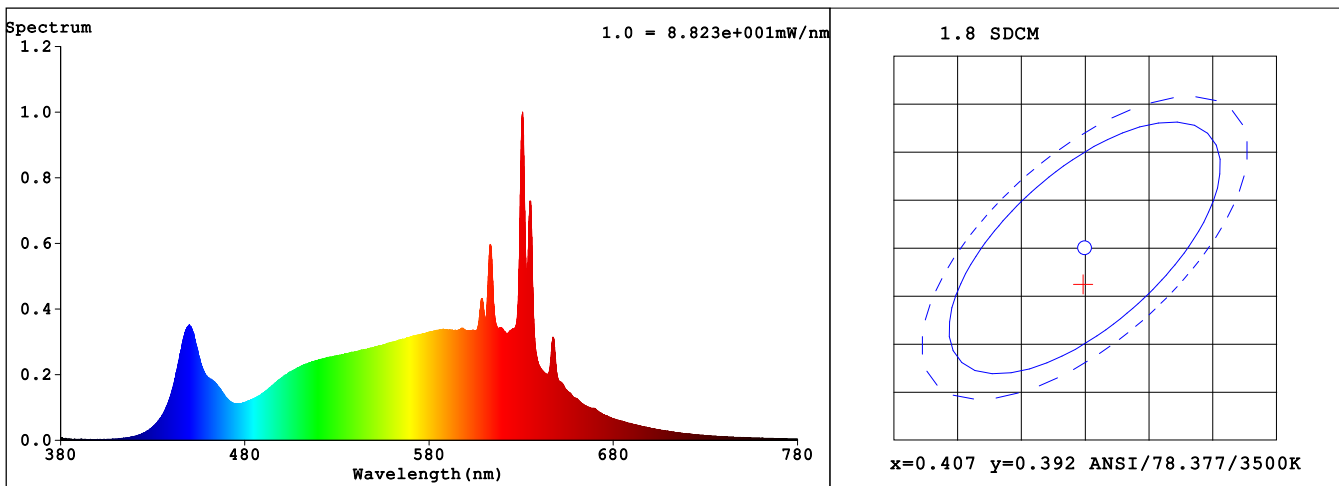
Sam. Status : First Sample Test
 Instrument : HaasSuite(EVERFINE)
 Remark : 1M
 Device SN : HS-2000

Test Condition

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

RH : 60.0%
 IP : 51154 (78%)
 T : 47 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4072$ $y = 0.3879$ / $u' = 0.2381$ $v' = 0.5104$ ($duv = -1.66e-03$)
 CCT= 3437K Prcp WL: Ld=581.8nm Purity=38.6%
 Peak WL: Lp=631nm FWHM: =7.7nm Ratio:R=22.2% G=74.2% B=3.5%
 Render Index: Ra = 93.8 CRI = 90.9 TM30:Rf=91 Rg=101

EEL: 0.10518 A++ Highest

R1 =95 R2 =97 R3 =97 R4 =95 R5 =95 R6 =95 R7 =93
 R8 =85 R9 =63 R10=91 R11=96 R12=80 R13=96 R14=97 R15=91
 LEVEL:OUT WHITE:ANSI_3500K

Photometric & Radiometric Parameters

Flux = 1884.1 lm Eff. : 129.51 lm/W Fe = 5.7590 W

Electrical Parameters

V = 24.00 V I = 0.6062 A P = 14.55 W PF = 1.000 F=0.00 Hz



Date : 2026-02-25
 Test by : E.V.
 Specification : AL-SL-DL-IP20-24-4K
 Sample No. : 1

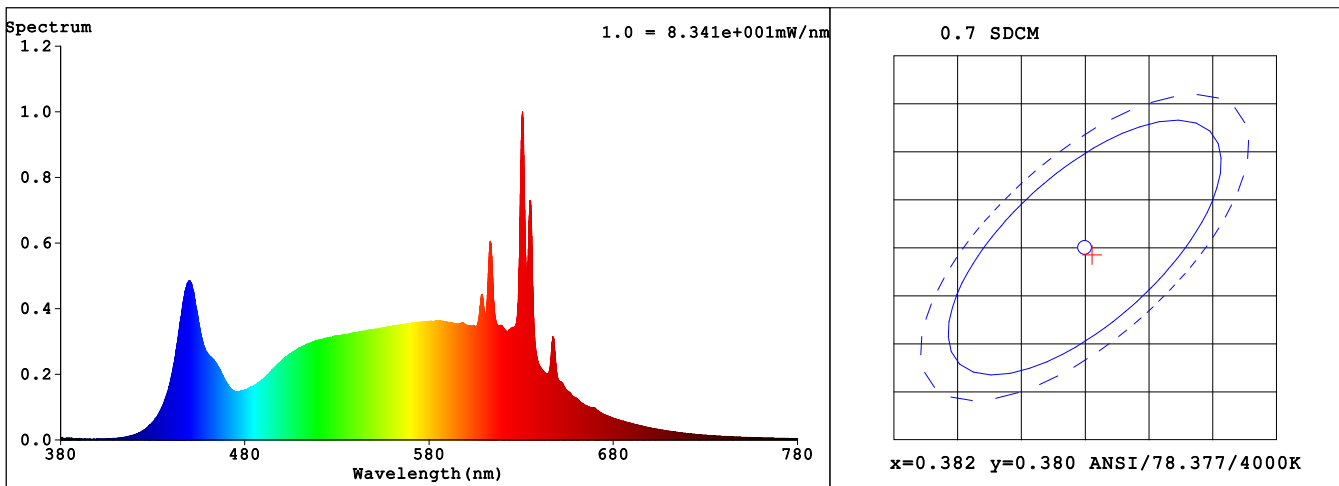
Sam. Status : First Sample Test
 Instrument : HaasSuite(EVERFINE)
 Remark : 1M
 Device SN : HS-2000

Test Condition

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

RH : 60.0%
 IP : 54537 (83%)
 T : 53 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3824$ $y = 0.3790$ / $u' = 0.2255$ $v' = 0.5028$ ($duv=6.13e-04$)
 CCT= 3964K Prcp WL: Ld=579.0nm Purity=28.5%
 Peak WL: Lp=631nm FWHM: =7.7nm Ratio:R=19.9% G=76.0% B=4.1%
 Render Index: Ra = 93.3 CRI = 89.8 TM30:Rf=91 Rg=99

EEL: 0.10217 A++ Highest

R1 =94 R2 =95 R3 =95 R4 =94 R5 =93 R6 =93 R7 =94
 R8 =86 R9 =63 R10=88 R11=95 R12=74 R13=94 R14=97 R15=91
 LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 2022.4 lm Eff.: 133.32 lm/W Fe = 6.1989 W

Electrical Parameters

V = 24.00 V I = 0.6321 A P = 15.17 W PF = 1.000 F=0.00 Hz



Date : 2026-03-20
Test by : E.V.
Specification : AL-SL-DL-IP20-24-6K
Sample No. : 1

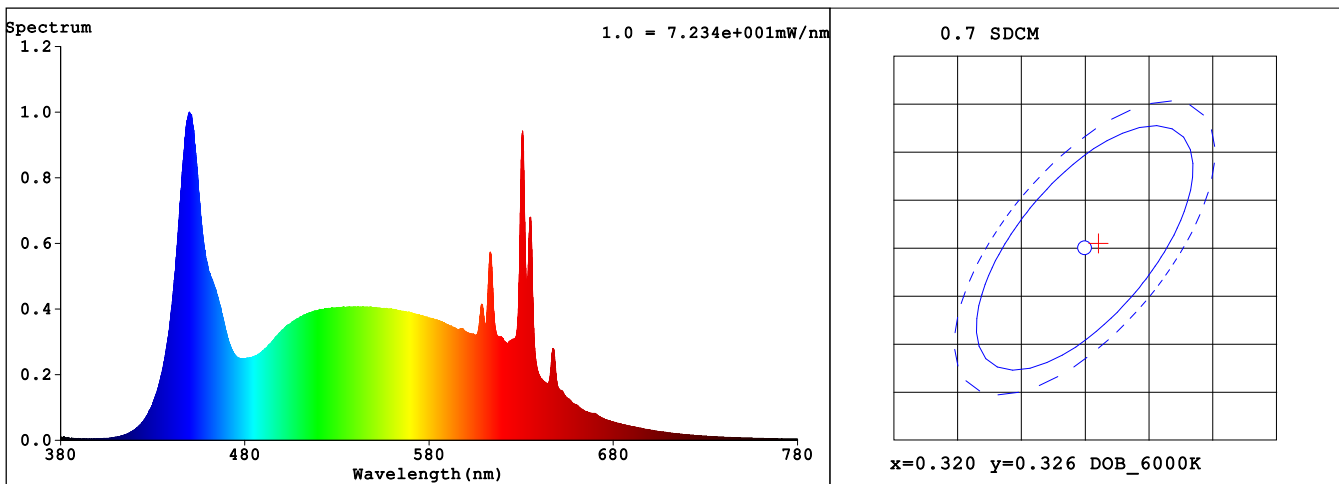
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 48782 (74%)
T : 58 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3212$ $y = 0.3261$ / $u' = 0.2049$ $v' = 0.4680$ ($duv = -1.90e-03$)
CCT= 6070K Prcp WL: $L_d = 483.6nm$ Purity=4.7%
Peak WL: $L_p = 450nm$ FWHM: =19.6nm Ratio:R=16.2% G=77.8% B=6.0%
Render Index: Ra = 94.6 CRI = 92.2 TM30:Rf=91 Rg=102

EEL: 0.10519 A++ Highest

R1 =97 R2 =96 R3 =91 R4 =96 R5 =96 R6 =91 R7 =96
R8 =95 R9 =83 R10=88 R11=95 R12=71 R13=97 R14=95 R15=98
LEVEL:OUT WHITE:ANSI_6500K

Photometric & Radiometric Parameters

Flux = 1987.1 lm Eff.: 129.50 lm/W Fe = 6.6281 W

Electrical Parameters

V = 24.00 V I = 0.6394 A P = 15.34 W PF = 1.000 F=0.00 Hz

