

Photometric Spectrum

TEST REPORT



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

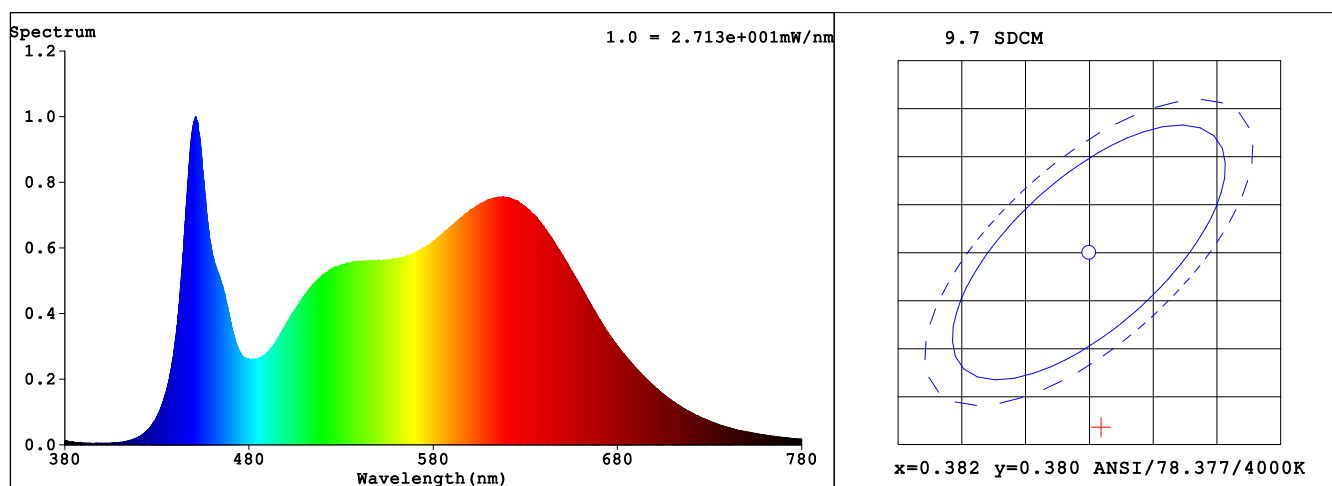
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 53031 (81%)
T : 199 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3827$ $y = 0.3615$ / $u' = 0.2329$ $v' = 0.4950$ ($duv = -7.87e-03$)

CCT= 3814K Prcp WL: Ld=585.0nm Purity=23.3%

Peak WL: Lp=451nm FWHM: =21.5nm Ratio:R=21.4% G=74.4% B=4.1%

Render Index: Ra = 95.6 CRI = 93.7 TM30:Rf=91 Rg=104

EEL: 0.14941 A+

R1 =98 R2 =98 R3 =96 R4 =96 R5 =98 R6 =94 R7 =94

R8 =91 R9 =80 R10=95 R11=95 R12=77 R13=98 R14=97 R15=99

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 1145.3 lm Eff. : 89.24 lm/W Fe = 3.9536 W

Electrical parameters

V = 24.00 V I = 0.5348 A P = 12.83 W PF = 1.000 F=0.00 Hz



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Specification : AL-SL-DL-CC-IP68-24-CCT
Sample No. : 2

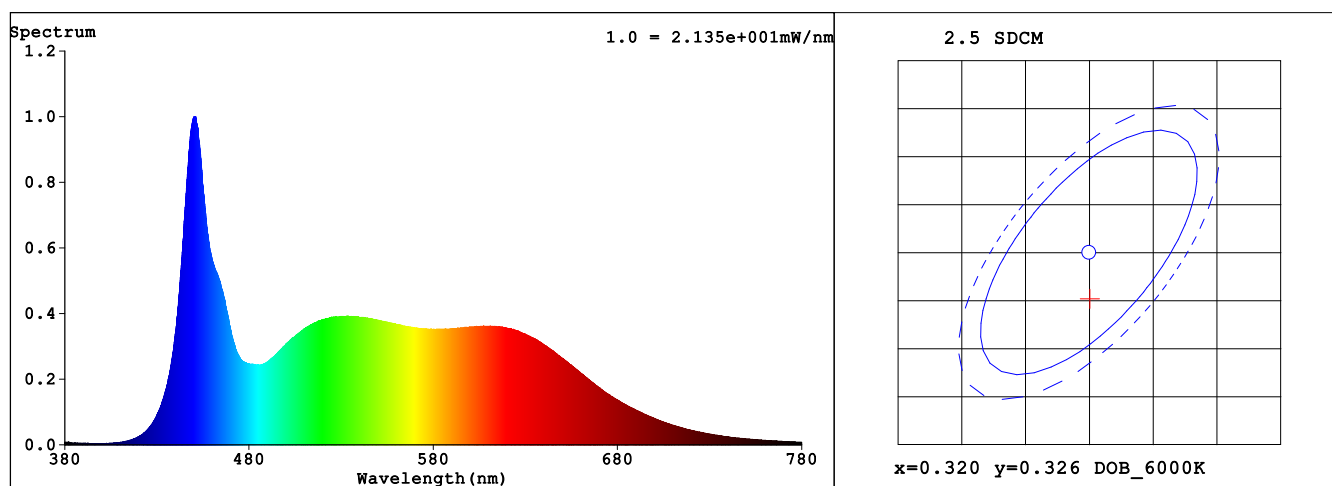
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 53091 (81%)
T : 410 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3202$ $y = 0.3208$ / $u' = 0.2063$ $v' = 0.4650$ ($duv = -4.23e-03$)

CCT= 6146K Prcp WL: Ld=477.9nm Purity=5.6%

Peak WL: Lp=451nm FWHM: =21.3nm Ratio:R=16.4% G=77.4% B=6.2%

Render Index: Ra = 95.5 CRI = 93.4 TM30:Rf=91 Rg=103

EEL: 0.13165 A+

R1 =96 R2 =97 R3 =92 R4 =97 R5 =96 R6 =91 R7 =97
R8 =97 R9 =91 R10=91 R11=95 R12=70 R13=97 R14=95 R15=97

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 560.88 lm Eff. : 88.16 lm/W Fe = 2.0060 W

Electrical parameters

V = 24.00 V I = 0.2651 A P = 6.362 W PF = 1.000 F=0.00 Hz



Date : 2026-03-22
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Specification : AL-SL-DL-CC-IP68-24-CCT
Sample No. : 3

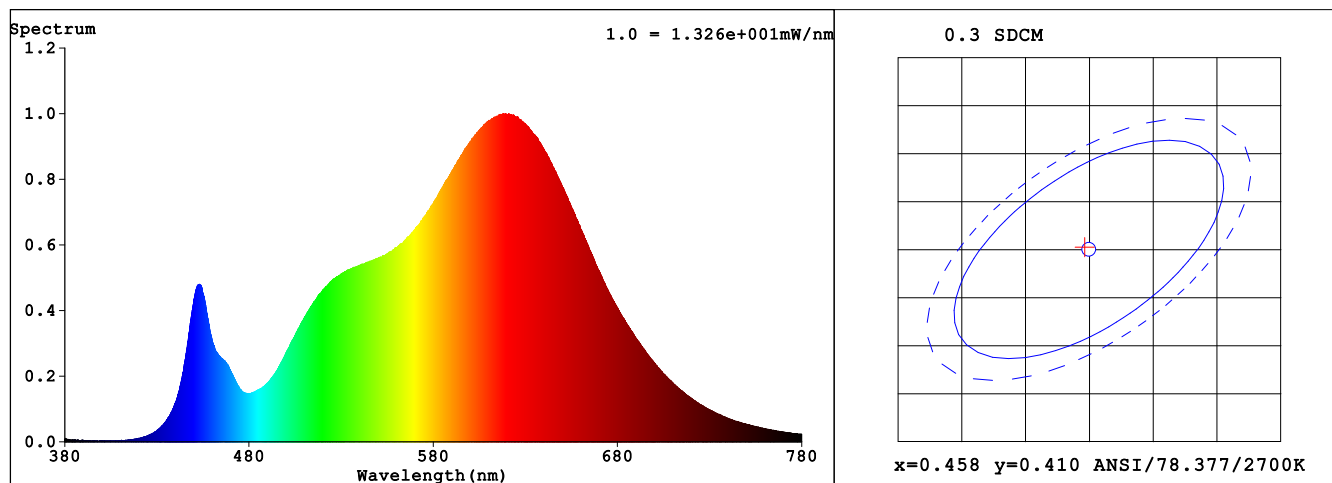
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 53394 (81%)
T : 312 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4575$ $y = 0.4103$ / $u' = 0.2611$ $v' = 0.5269$ ($duv = -1.86e-04$)

CCT= 2732K Prcp WL: Ld=584.0nm Purity=60.5%

Peak WL: Lp=618nm FWHM: =144.5nm Ratio:R=26.1% G=71.7% B=2.2%

Render Index: Ra = 92.0 CRI = 88.5 TM30:Rf=90 Rg=100

EEL: 0.13046 A+

R1 =93 R2 =96 R3 =97 R4 =93 R5 =92 R6 =95 R7 =91
R8 =78 R9 =51 R10=89 R11=95 R12=79 R13=94 R14=98 R15=87

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 606.87 lm Eff. : 90.48 lm/W Fe = 2.0210 W

Electrical parameters

V = 24.00 V I = 0.2795 A P = 6.707 W PF = 1.000 F=0.00 Hz

