

Date : 2026-05-19
Test by : E.V.
Specification : AL-SL-W90-IP20-24-CCT
Sample No. : 1

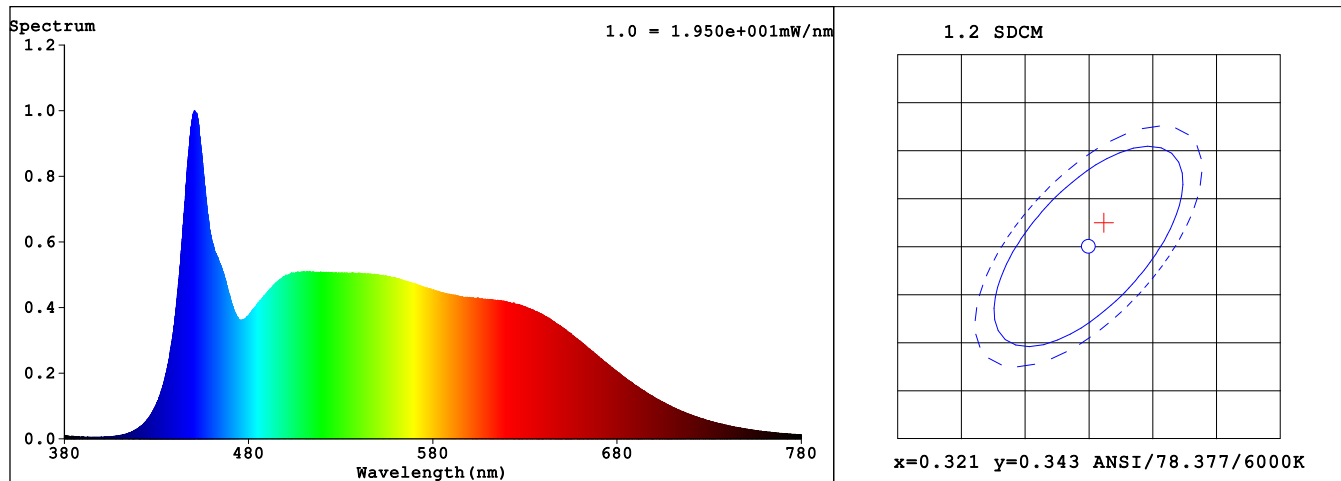
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 52562 (80%)
T : 414 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3222$ $y = 0.3450$ / $u' = 0.1984$ $v' = 0.4780$ ($duv=7.27e-03$)

CCT= 5954K Prcp WL: Ld=506.1nm Purity=3.4%

Peak WL: Lp=451nm FWHM: =24.2nm Ratio:R=15.1% G=78.2% B=6.7%

Render Index: Ra = 94.1 CRI = 91.1 TM30:Rf=93 Rg=98

EEL: 0.12602 A+

R1 =93 R2 =96 R3 =99 R4 =93 R5 =93 R6 =94 R7 =95

R8 =89 R9 =70 R10=92 R11=94 R12=73 R13=94 R14=99 R15=91

LEVEL:OUT WHITE:ANSI_5700K

Photometric & Radiometric Parameters

Flux = 666.21 lm Eff.: 95.50 lm/W Fe = 2.3399 W

Electrical parameters

V = 24.00 V I = 0.2907 A P = 6.976 W PF = 1.000 F=0.00 Hz



Date : 2026-05-19
Test by : E.V.
Specification : AL-SL-W90-IP20-24-CCT
Sample No. : 2

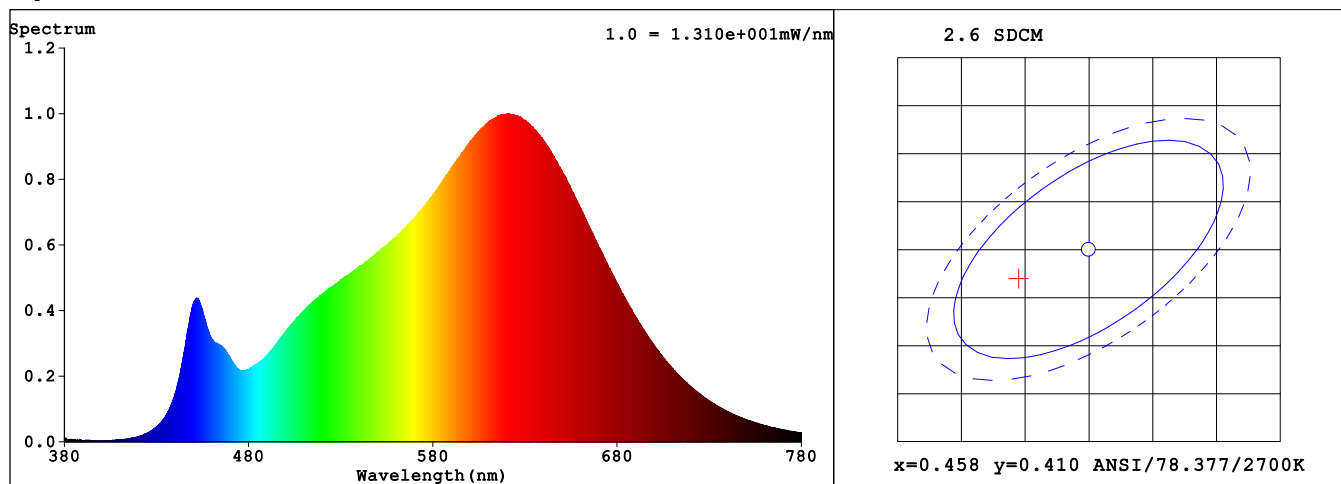
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 53384 (81%)
T : 314 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4523$ $y = 0.4071$ / $u' = 0.2592$ $v' = 0.5249$ ($duv = -9.12e-04$)

CCT= 2781K Prcp WL: Ld=584.0nm Purity=58.0%

Peak WL: Lp=621nm FWHM: =146.9nm Ratio:R=25.7% G=71.5% B=2.8%

Render Index: Ra = 93.0 CRI = 90.6 TM30:Rf=92 Rg=99

EEL: 0.13573 A+

R1 =94 R2 =98 R3 =98 R4 =93 R5 =94 R6 =97 R7 =90
R8 =80 R9 =58 R10=94 R11=95 R12=85 R13=95 R14=100 R15=89
LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 614.30 lm Eff. : 87.19 lm/W Fe = 2.1249 W

Electrical parameters

V = 24.00 V I = 0.2936 A P = 7.046 W PF = 1.000 F=0.00 Hz

