

Date : 2026-05-23
Test by : E.V.
Specification : AL-SL-W90-IP68-24-CCT
Sample No. : 1

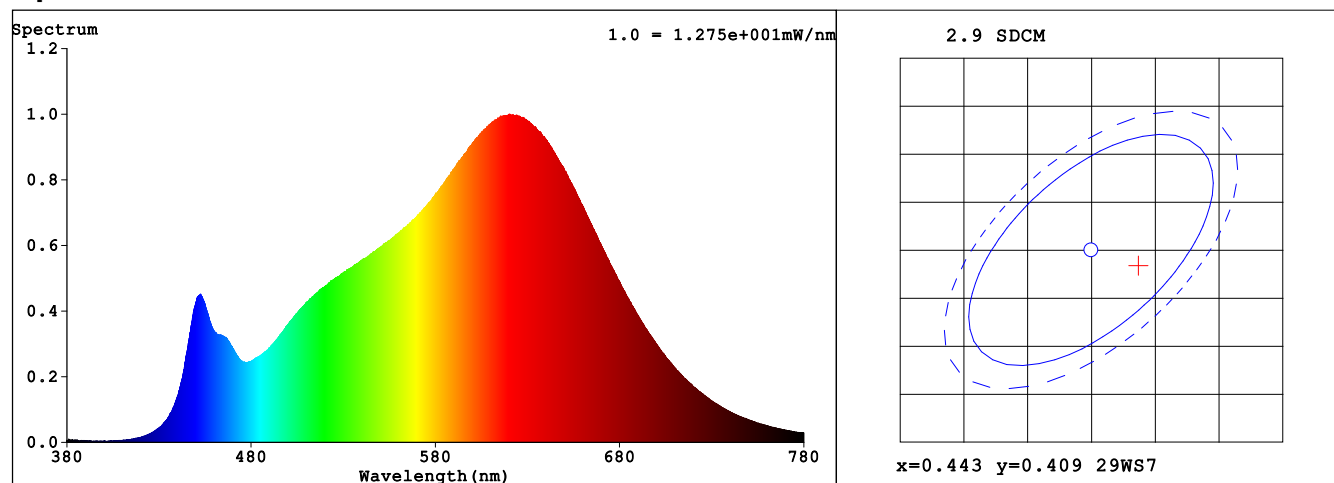
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 5341l (82%)
T : 323 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4471$ $y = 0.4073$ / $u' = 0.2557$ $v' = 0.5242$ ($duv = -2.52e-04$)
CCT= 2862K Prcp WL: Ld=583.4nm Purity=56.5%
Peak WL: Lp=620nm FWHM: =153.2nm Ratio:R=25.2% G=71.8% B=3.0%
Render Index: Ra = 94.0 CRI = 91.7 TM30:Rf=92 Rg=99

EEL: 0.13751 A+

R1 =95 R2 =98 R3 =99 R4 =94 R5 =95 R6 =97 R7 =91
R8 =82 R9 =62 R10=95 R11=96 R12=85 R13=96 R14=100 R15=90
LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 609.43 lm Eff. : 85.91 lm/W Fe = 2.1074 W

Electrical parameters

V = 24.00 V I = 0.2956 A P = 7.094 W PF = 1.000 F=0.00 Hz



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Sample No. : 2

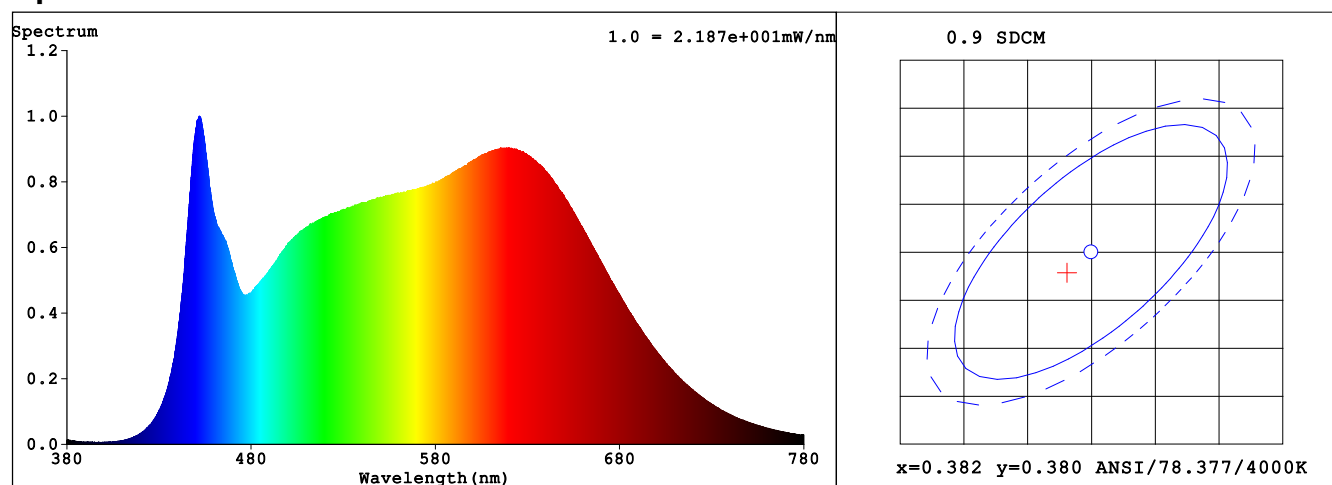
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 53698 (82%)
T : 207 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3799$ $y = 0.3776$ / $u' = 0.2244$ $v' = 0.5019$ ($duv=6.95e-04$)
CCT= 4021K Prcp WL: Ld=578.7nm Purity=27.3%
Peak WL: Lp=452nm FWHM: =28.9nm Ratio:R=20.0% G=75.2% B=4.8%
Render Index: Ra = 96.4 CRI = 94.6 TM30:Rf=93 Rg=99

EEL: 0.15035 A+

R1 =98 R2 =100 R3 =99 R4 =96 R5 =96 R6 =97 R7 =95
R8 =91 R9 =80 R10=98 R11=98 R12=77 R13=99 R14=100 R15=95
LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 1207.3 lm Eff. : 89.48 lm/W Fe = 4.2016 W

Electrical parameters

V = 24.00 V I = 0.5622 A P = 13.49 W PF = 1.000 F=0.00 Hz



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Specification : AL-SL-W90-IP68-24-CCT
Sample No. : 3

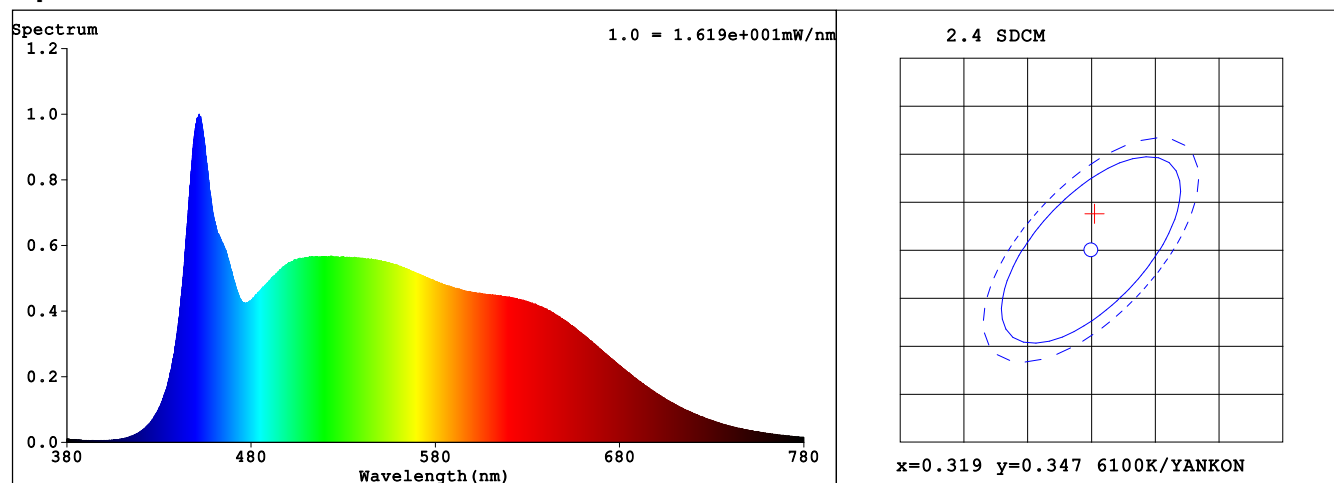
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 52958 (81%)
T : 454 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3193$ $y = 0.3508$ / $u' = 0.1944$ $v' = 0.4805$ ($duv=1.09e-02$)
CCT= 6067K Prcp WL: Ld=509.0nm Purity=4.4%
Peak WL: Lp=452nm FWHM: =27.5nm Ratio:R=14.7% G=78.6% B=6.7%
Render Index: Ra = 92.5 CRI = 89.1 TM30:Rf=91 Rg=96

EEL: 0.12530 A+

R1 =91 R2 =95 R3 =98 R4 =90 R5 =91 R6 =94 R7 =94
R8 =87 R9 =65 R10=91 R11=91 R12=71 R13=92 R14=99 R15=88
LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 605.85 lm Eff. : 94.17 lm/W Fe = 2.1190 W

Electrical parameters

V = 24.00 V I = 0.2681 A P = 6.434 W PF = 1.000 F=0.00 Hz

