

Date : 2026-07-17
Test by : E.V.
Specification : AL-SL-DL-CC-IP68-24-RGB27K
Sample No. : 1

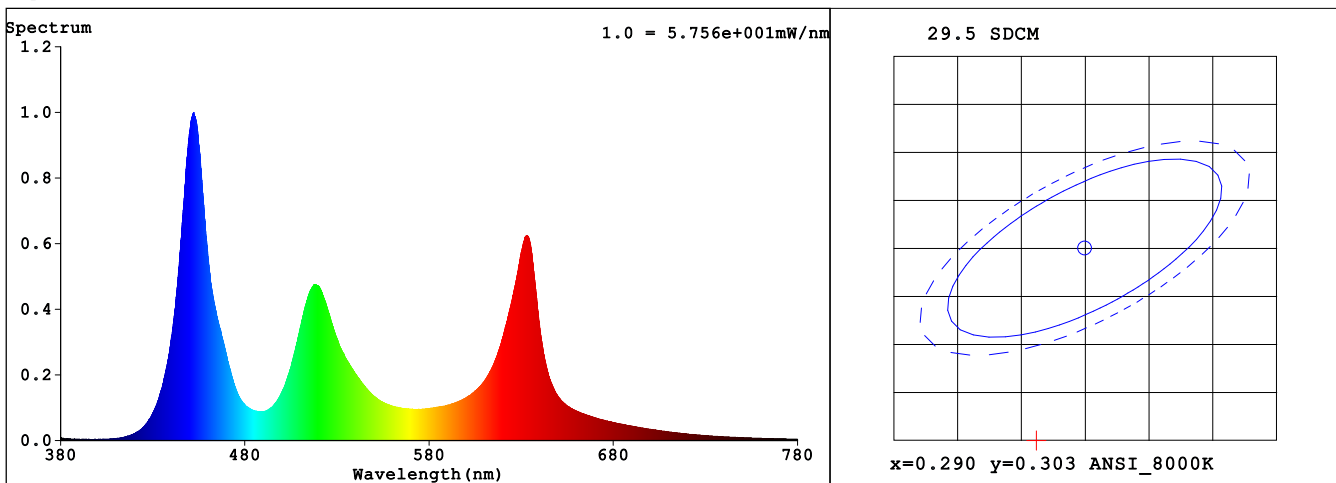
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 53347 (81%)
T : 121 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2866$ $y = 0.2593$ / $u' = 0.2070$ $v' = 0.4214$ ($duv = -1.92e-02$)

CCT= 11501K Prcp WL: Ld=460.9nm Purity=24.5%

Peak WL: Lp=452nm FWHM: =17.4nm Ratio:R=22.8% G=70.3% B=6.9%

Render Index: Ra = 50.9 CRI = 45.1 TM30:Rf=67 Rg=128

EEL: 0.26342 B

R1 =34 R2 =76 R3 =70 R4 =29 R5 =48 R6 =73 R7 =69

R8 =9 R9 =0 R10=50 R11=7 R12=72 R13=43 R14=78 R15=19

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 854.11 lm Eff. : 47.99 lm/W Fe = 3.7194 W

Electrical parameters

V = 24.00 V I = 0.7417 A P = 17.80 W PF = 1.000 F=0.00 Hz

 EVERFINE

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Sample No. : 2

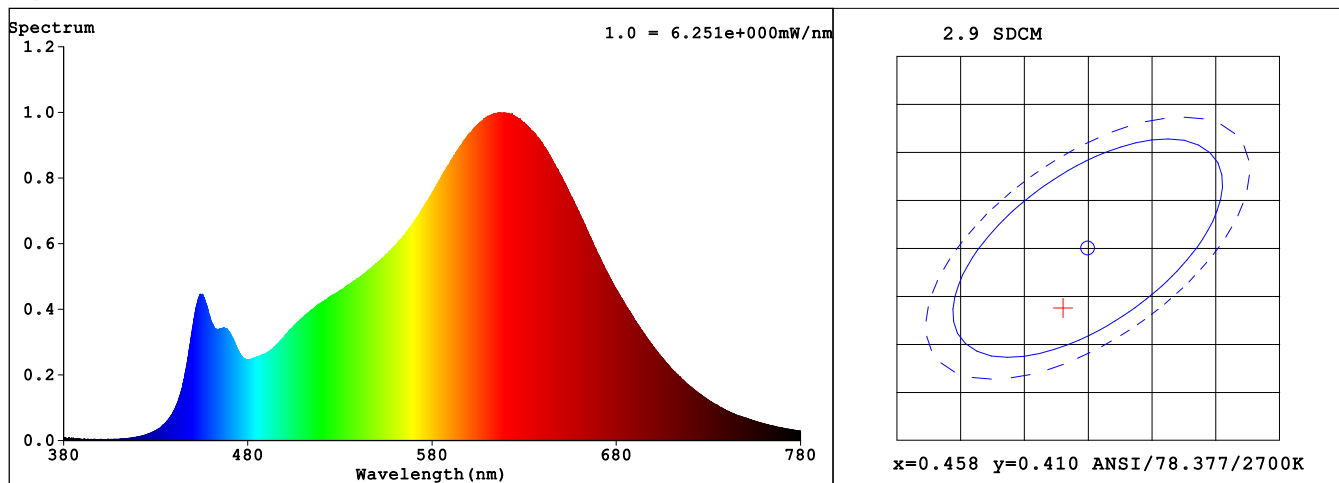
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 51892 (79%)
T : 639 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4559$ $y = 0.4039$ / $u' = 0.2629$ $v' = 0.5242$ ($duv = -2.48e-03$)

CCT= 2704K Prcp WL: $L_d = 584.9\text{nm}$ Purity=58.1%

Peak WL: $L_p = 616\text{nm}$ FWHM: $=135.0\text{nm}$ Ratio: R=26.3% G=70.7% B=3.0%

Render Index: $R_a = 91.1$ CRI = 89.1 TM30: $R_f = 90$ $R_g = 99$

EEL: 0.15544 A+

R1 =93 R2 =99 R3 =94 R4 =91 R5 =94 R6 =95 R7 =87

R8 =76 R9 =52 R10=98 R11=93 R12=84 R13=95 R14=98 R15=88

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 286.47 lm Eff. : 63.70 lm/W $\Phi_e = 994.51\text{ mW}$

Electrical parameters

V = 24.00 V I = 0.1874 A P = 4.497 W PF = 1.000 F=0.00 Hz



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Specification : AL-SL-DL-CC-IP68-24-RGB27K
Sample No. : 3

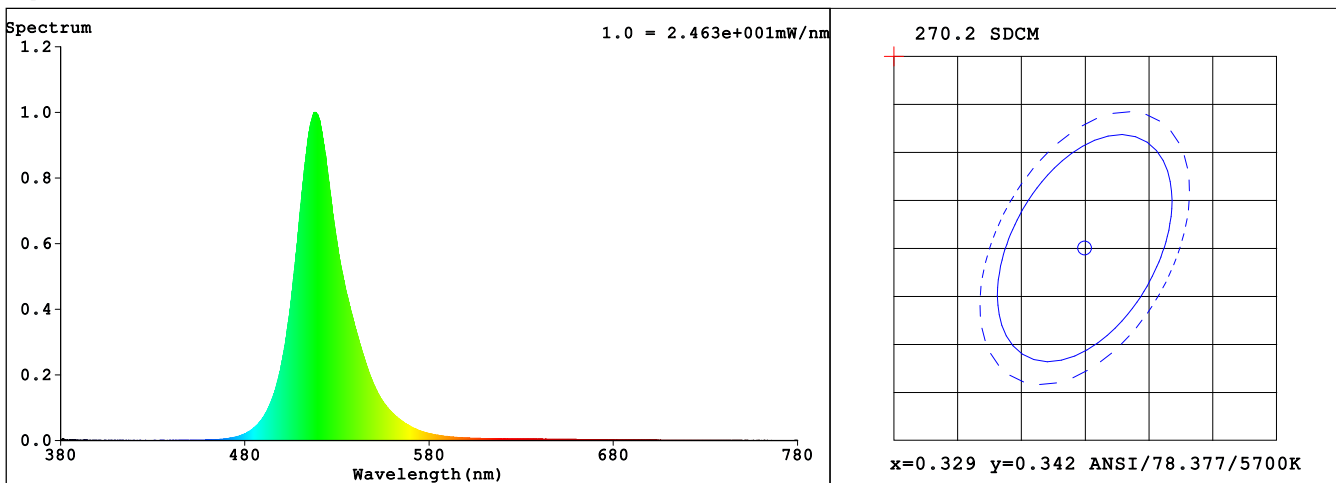
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 53773 (82%)
T : 192 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1585$ $y = 0.7353$ / $u' = 0.0551$ $v' = 0.5751$ ($duv=1.62e-01$)

CCT= 7958K Prcp WL: Ld=525.7nm Purity=82.0%

Peak WL: Lp=518nm FWHM: =26.7nm Ratio:R=0.5% G=97.7% B=1.8%

Render Index: Ra = 0.0 CRI = 2.3 TM30:Rf=1 Rg=7

EEL: 0.12962 A+

R1=0 R2=0 R3=0 R4=0 R5=0 R6=0 R7=0
R8=0 R9=0 R10=0 R11=0 R12=0 R13=0 R14=34 R15=0

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 390.83 lm Eff. : 82.50 lm/W Fe = 823.79 mW

Electrical parameters

V = 24.00 V I = 0.1974 A P = 4.737 W PF = 1.000 F=0.00 Hz



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Sample No. : 4

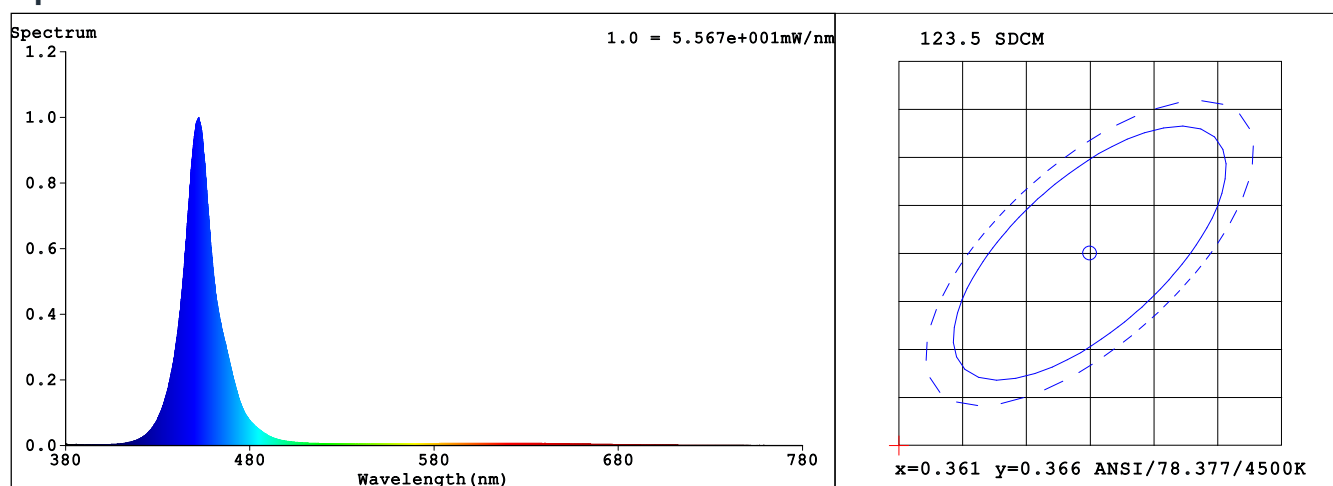
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 53558 (82%)
T : 156 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1617$ $y = 0.0411$ / $u' = 0.2041$ $v' = 0.1167$ ($duv = -1.92e-01$)

CCT $\geq 100000K$ Prcp WL: $L_d = 455.0nm$ Purity = 94.1%

Peak WL: $L_p = 452nm$ FWHM: $= 17.1nm$ Ratio: $R = 7.1\%$ $G = 27.6\%$ $B = 65.3\%$

Render Index: $R_a = 17.0$ CRI = 14.0 TM30: $R_f = 0$ $R_g = -66$

EEL: 0.43707 B

$R_1 = 69$ $R_2 = 0$ $R_3 = 0$ $R_4 = 0$ $R_5 = 67$ $R_6 = 0$ $R_7 = 0$
 $R_8 = 0$ $R_9 = 0$ $R_{10} = 0$ $R_{11} = 0$ $R_{12} = 0$ $R_{13} = 20$ $R_{14} = 0$ $R_{15} = 55$

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 67.866 lm Eff. : 14.68 lm/W $F_e = 1.3226 W$

Electrical parameters

$V = 24.00 V$ $I = 0.1926 A$ $P = 4.622 W$ PF = 1.000 F = 0.00 Hz



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Sample No. : 5

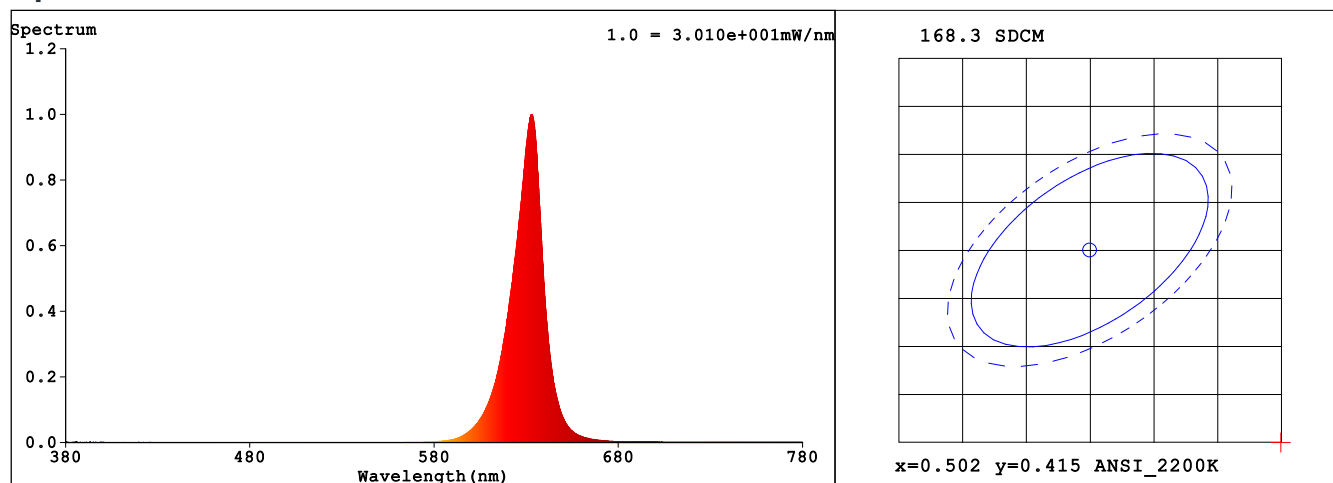
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 57622 (88%)
T : 156 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6993$ $y = 0.3045$ / $u' = 0.5322$ $v' = 0.5215$ ($duv = -8.37e-02$)

CCT= 1001K Prcp WL: Ld=621.8nm Purity=100.0%

Peak WL: Lp=633nm FWHM: =16.9nm Ratio:R=96.6% G=3.3% B=0.0%

Render Index: Ra = 26.3 CRI = 30.0 TM30:Rf=0 Rg=0

EEL: 0.26121 B

R1=6 R2=78 R3=30 R4=0 R5=1 R6=89 R7=5
R8=0 R9=0 R10=72 R11=0 R12=79 R13=30 R14=59 R15=0

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 119.15 lm Eff. : 29.54 lm/W Fe = 623.37 mW

Electrical parameters

V = 24.00 V I = 0.1681 A P = 4.034 W PF = 1.000 F=0.00 Hz

