

Date : 2026-04-24
 Test by : E.V.
 Specification : AL-SL-WU-IP20-12-RGB
 Sample No. : 1

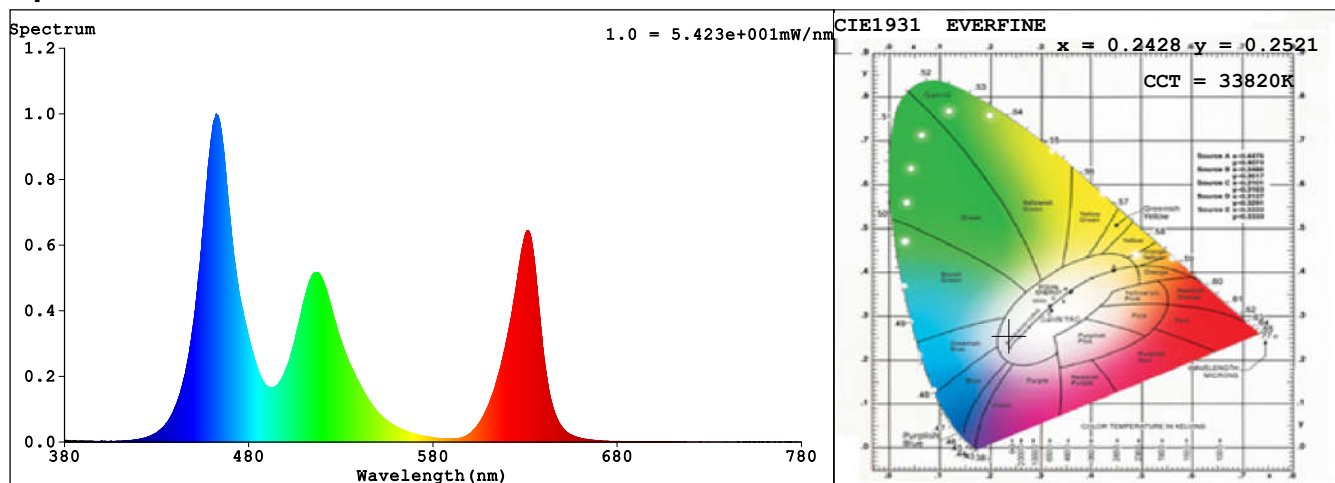
Sam. Status : First Sample Test
 Instrument : HaasSuite(EVERFINE)
 Remark : 1M
 Device SN : HS-2000

Test Condition

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

RH : 60.0%
 IP : 46061 (70%)
 T : 106 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2428$ $y = 0.2521$ / $u' = 0.1753$ $v' = 0.4096$ (duv=8.38e-03)

CCT= 33820K Prcp WL: Ld=478.9nm Purity=38.2%

Peak WL: Lp=462nm FWHM: =20.9nm Ratio:R=21.5% G=65.8% B=12.7%

Render Index: Ra = 47.4 CRI = 40.3 TM30:Rf=48 Rg=113

EEL: 0.24344 B

R1=32 R2=59 R3=70 R4=51 R5=54 R6=57 R7=57

R8=0 R9=0 R10=0 R11=37 R12=64 R13=35 R14=78 R15=12

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 694.79 lm Eff. : 49.86 lm/W Fe = 3.1661 W

Electrical parameters

V = 12.00 V I = 1.161 A P = 13.93 W PF = 1.000 F=0.00 Hz



Date : 2026-04-24
Test by : E.V.
Specification : AL-SL-WU-IP20-12-RGB
Sample No. : 2

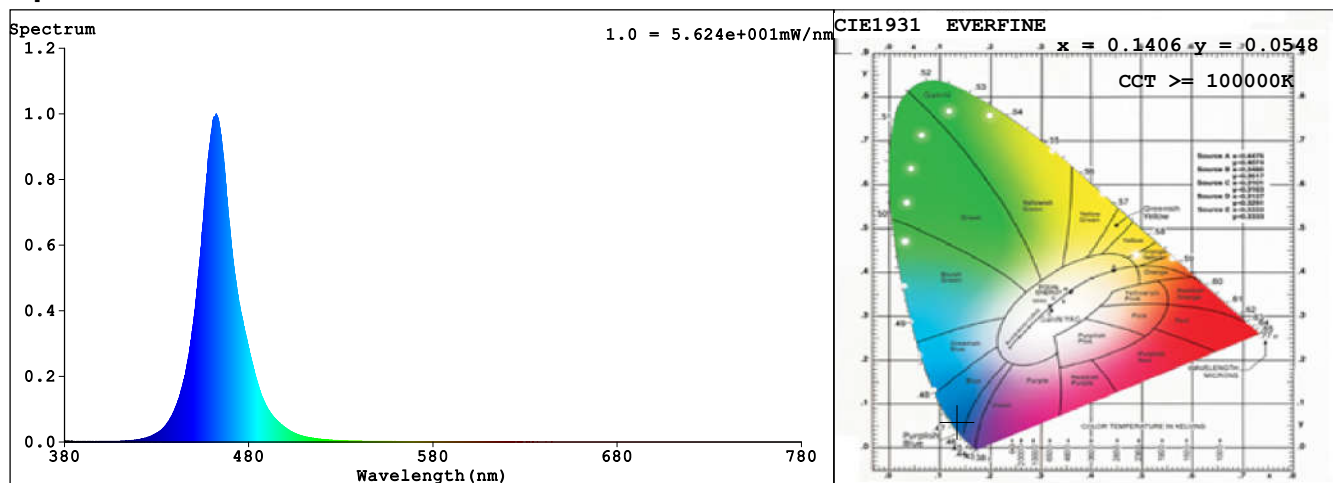
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 53518 (82%)
T : 134 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1406$ $y = 0.0548$ / $u' = 0.1666$ $v' = 0.1461$ ($duv = -1.72e-01$)
CCT $\geq 100000K$ Prcp WL: $L_d = 466.3nm$ Purity = 96.2%
Peak WL: $L_p = 462nm$ FWHM: $= 20.3nm$ Ratio: R = 0.5% G = 14.2% B = 85.3%
Render Index: $R_a = 0.4$ CRI = 0.3 TM30: $R_f = 0$ $R_g = 52$

EEL: 0.36485 B

R1 = 0 R2 = 0 R3 = 0 R4 = 0 R5 = 3 R6 = 0 R7 = 0
R8 = 0 R9 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0 R14 = 0 R15 = 1
LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 89.803 lm Eff. : 19.32 lm/W $F_e = 1.4423 W$

Electrical parameters

V = 12.00 V I = 0.3874 A P = 4.648 W PF = 1.000 F = 0.00 Hz

 EVERFINE

Date : 2026-04-24
Test by : E.V.
Specification : AL-SL-WU-IP20-12-RGB
Sample No. : 3

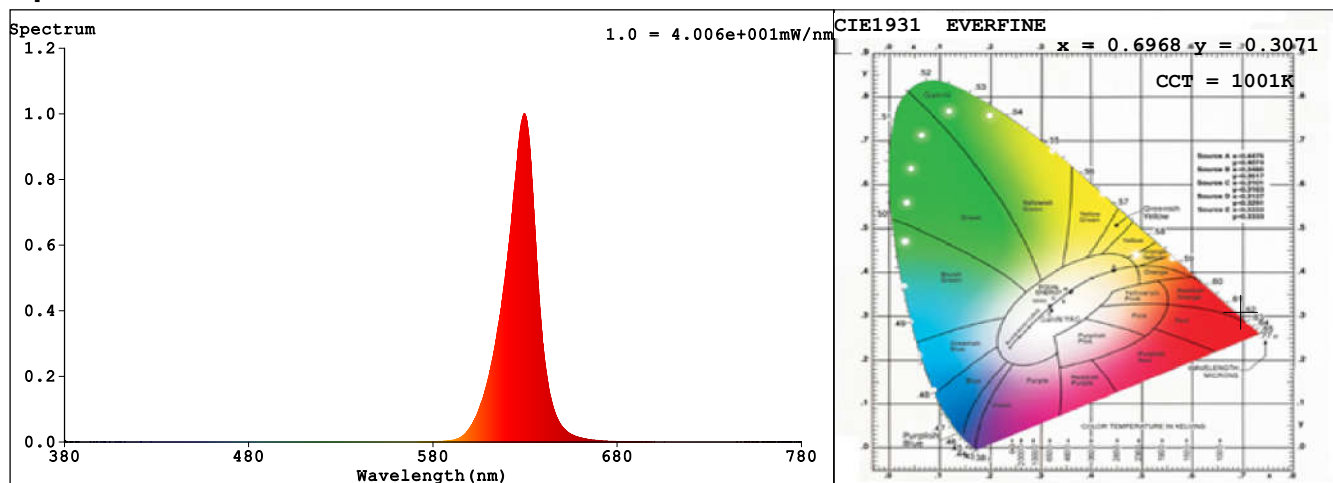
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 53533 (82%)
T : 107 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6968$ $y = 0.3071$ / $u' = 0.5267$ $v' = 0.5223$ ($duv = -7.82e-02$)

CCT= 1001K Prcp WL: Ld=620.5nm Purity=100.0%

Peak WL: Lp=630nm FWHM: =17.7nm Ratio:R=97.9% G=2.1% B=0.0%

Render Index: Ra = 24.4 CRI = 28.6 TM30:Rf=0 Rg=0

EEL: 0.23462 A

R1=2 R2=78 R3=25 R4=0 R5=0 R6=90 R7=0
R8=0 R9=0 R10=71 R11=0 R12=79 R13=28 R14=56 R15=0

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 177.28 lm Eff. : 37.03 lm/W Fe = 845.68 mW

Electrical parameters

V = 12.00 V I = 0.3990 A P = 4.787 W PF = 1.000 F=0.00 Hz

 EVERFINE

Date : 2026-04-24
Test by : E.V.
Specification : AL-SL-WU-IP20-12-RGB
Sample No. : 4

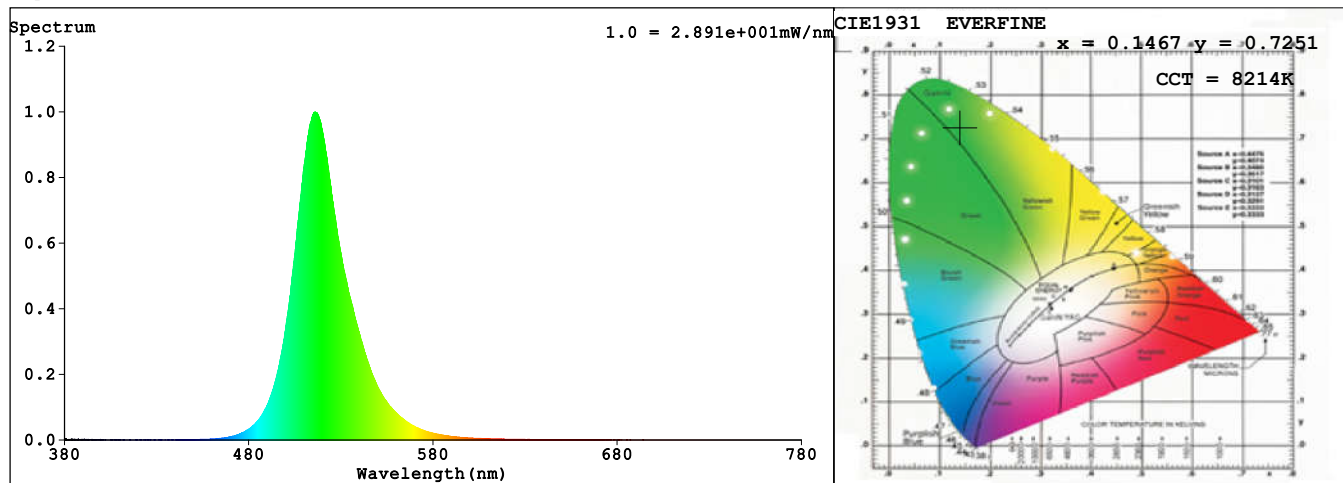
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 53171 (81%)
T : 163 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1467$ $y = 0.7251$ / $u' = 0.0514$ $v' = 0.5721$ ($duv=1.65e-01$)
CCT= 8214K Prcp WL: $L_d=522.7nm$ Purity=78.6%
Peak WL: $L_p=516nm$ FWHM: $=28.7nm$ Ratio:R=0.2% G=97.1% B=2.7%
Render Index: Ra = 0.0 CRI = 2.4 TM30:Rf=1 Rg=7

EEL: 0.11080 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=36 R15=0
LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 462.07 lm Eff. : 100.35 lm/W $F_e = 1.0112 W$

Electrical parameters

V = 12.00 V I = 0.3838 A P = 4.605 W PF = 1.000 F=0.00 Hz

 EVERFINE