

Date : 2026-01-06 15:48:40
 Test by : E.V.
 Specification : AL-SL-LN-IP20-24-RGB
 Sample No. : 1

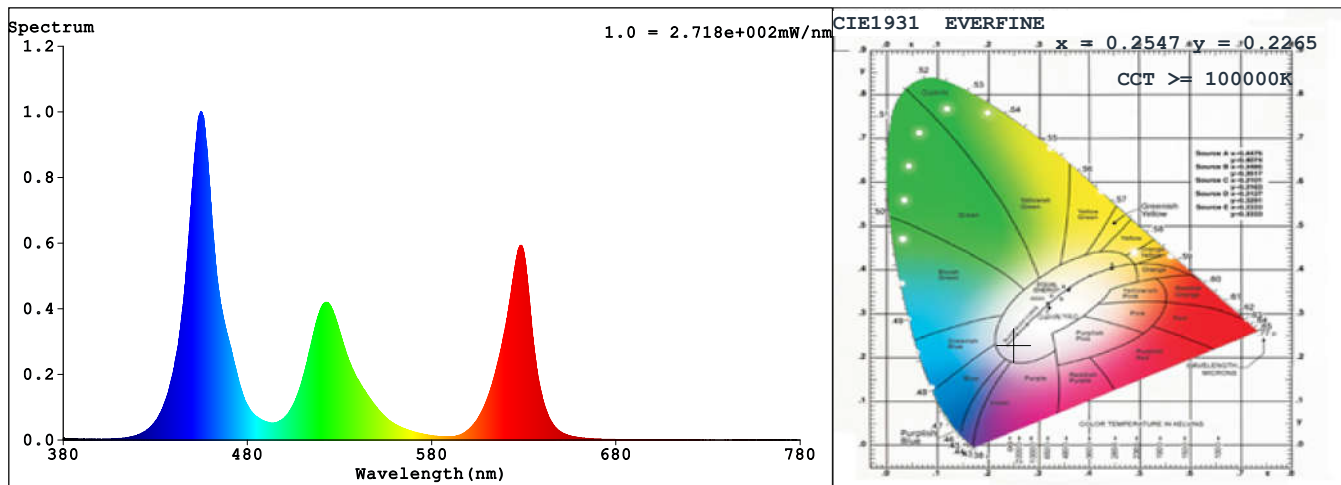
Sam. Status : Finished product test
 Instrument : HaasSuite(EVERFINE)
 Remark : 5M
 Device SN : HS-2000

Test Condition

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

RH : 60.0%
 IP : 55755 (85%)
 T : 27 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2547$ $y = 0.2265$ / $u' = 0.1956$ $v' = 0.3914$ ($duv = -1.46e-02$)
 CCT \geq 100000K Prcp WL: Ld=468.9nm Purity=38.1%
 Peak WL: Lp=455nm FWHM: =16.8nm Ratio:R=24.1% G=67.0% B=8.9%
 Render Index: Ra = 45.5 CRI = 39.0 TM30:Rf=58 Rg=129

EEL: 0.28397 B

R1 =22 R2 =71 R3 =58 R4 =28 R5 =47 R6 =73 R7 =64
 R8 =0 R9 =0 R10=49 R11=7 R12=62 R13=32 R14=70 R15=0

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 2908.1 lm Eff. : 47.97 lm/W Fe = 13.156 W

Electrical parameters

V = 24.00 V I = 2.526 A P = 60.62 W PF = 1.000 F=0.00 Hz



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 Sample No. : 2

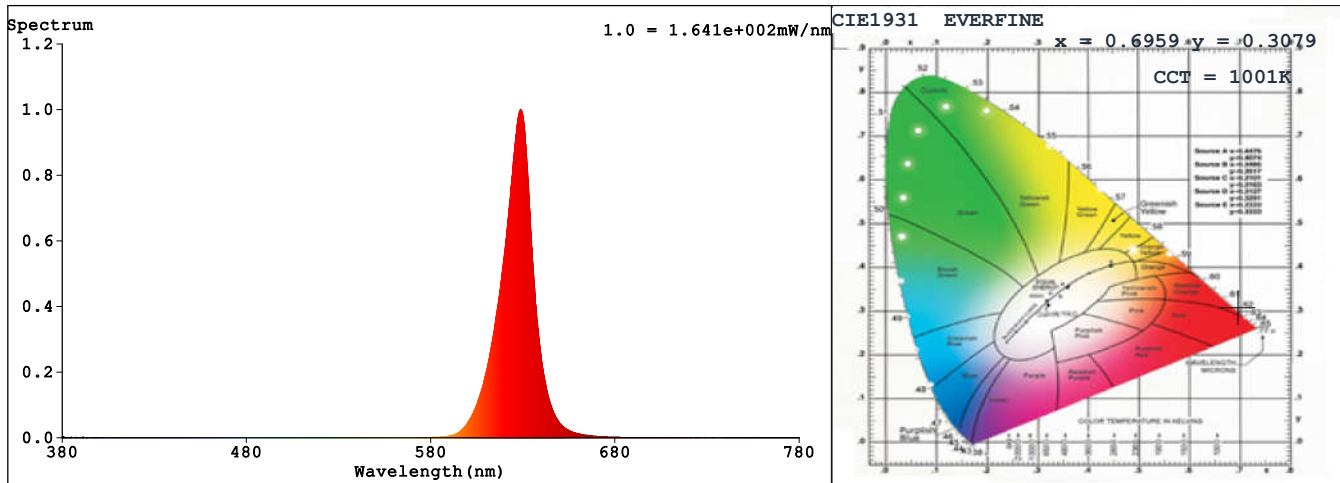
Sam. Status : Finished product test
 Instrument : HaasSuite(EVERFINE)
 Remark : 5M
 Device SN : HS-2000

Test Condition

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

RH : 60.0%
 IP : 56615 (86%)
 T : 27 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6959$ $y = 0.3079$ / $u' = 0.5248$ $v' = 0.5226$ ($duv = -7.63e-02$)
 CCT= 1001K Prcp WL: Ld=620.0nm Purity=100.0%
 Peak WL: Lp=629nm FWHM: =17.1nm Ratio:R=97.7% G=2.3% B=0.0%
 Render Index: Ra = 24.5 CRI = 28.7 TM30:Rf=0 Rg=0

EEL: 0.50047 B

R1 =3 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 = 722.86 lm Eff. : 24.45 lm/W Fe = 3.3914 W

Electrical parameters

V = 24.00 V I = 1.232 A P = 29.57 W PF = 1.000 F=0.00 Hz



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 Sample No. : 3

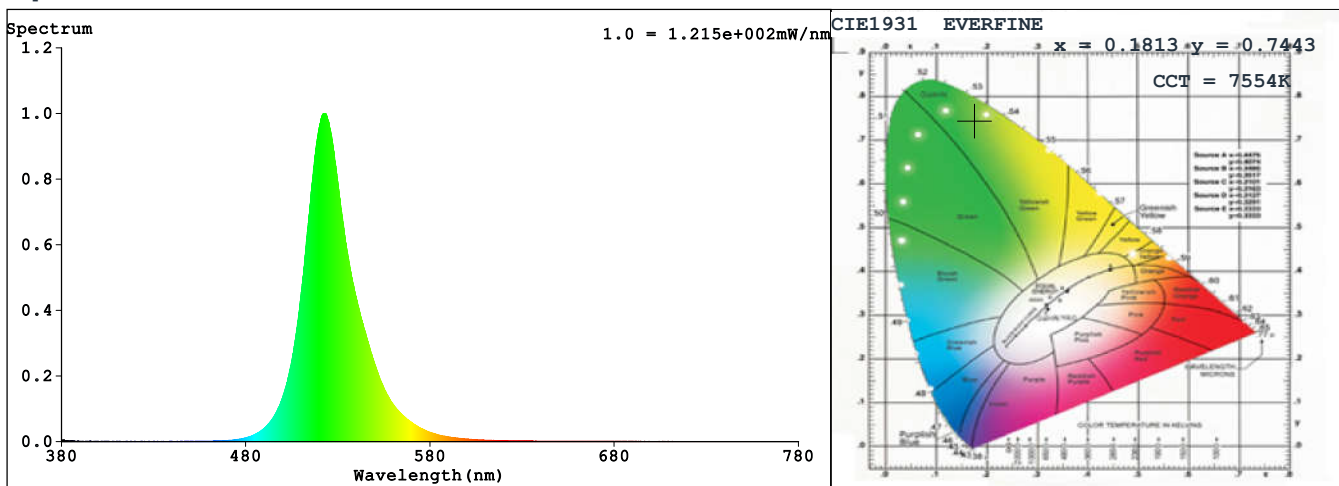
Sam. Status : Finished product test
 Instrument : HaasSuite(EVERFINE)
 Remark : 5M
 Device SN : HS-2000

Test Condition

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

RH : 60.0%
 IP : 53511 (82%)
 T : 37 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1813$ $y = 0.7443$ / $u' = 0.0627$ $v' = 0.5790$ ($duv=1.57e-01$)

CCT= 7554K Prcp WL: Ld=530.6nm Purity=87.5%

Peak WL: Lp=523nm FWHM: =26.5nm Ratio:R=0.3% G=98.8% B=1.0%

Render Index: Ra = 0.0 CRI = 2.2 TM30:Rf=1 Rg=5

EEL: 0.11465 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 = 2076.9 lm Eff.: 118.81 lm/W Fe = 4.0082 W

Electrical parameters

V = 24.00 V I = 0.7284 A P = 17.48 W PF = 1.000 F=0.00 Hz



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 Sample No. : 4

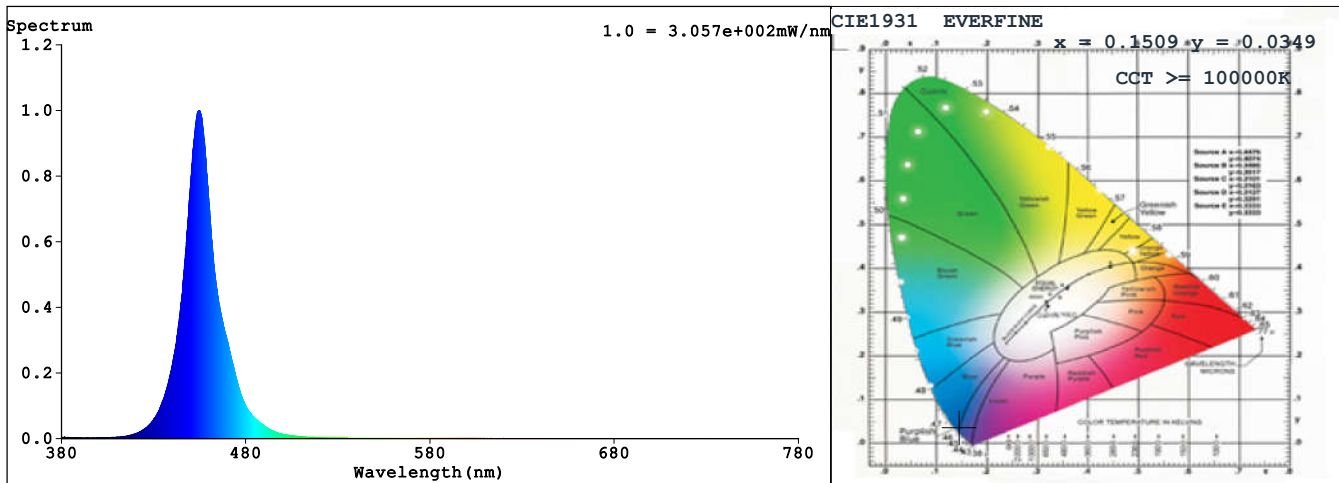
Sam. Status : Finished product test
 Instrument : HaasSuite(EVERFINE)
 Remark : 5M
 Device SN : HS-2000

Test Condition

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

RH : 60.0%
 IP : 59412 (91%)
 T : 29 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1509$ $y = 0.0349$ / $u' = 0.1937$ $v' = 0.1008$ ($duv = -2.02e-01$)

CCT $\geq 100000K$ Prcp WL: $L_d = 458.4nm$ Purity = 97.5%

Peak WL: $L_p = 455nm$ FWHM: $\approx 17.0nm$ Ratio: R=0.6% G=9.5% B=90.0%

Render Index: $R_a = 0.3$ CRI = 0.3 TM30: $R_f = 0$ $R_g = 21$

EEL: 0.63263 C

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 = 302.18 lm Eff. : 15.87 lm/W $F_e = 6.9688 W$

Electrical parameters

V = 24.00 V I = 0.7936 A P = 19.04 W PF = 1.000 F=0.00 Hz

