

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

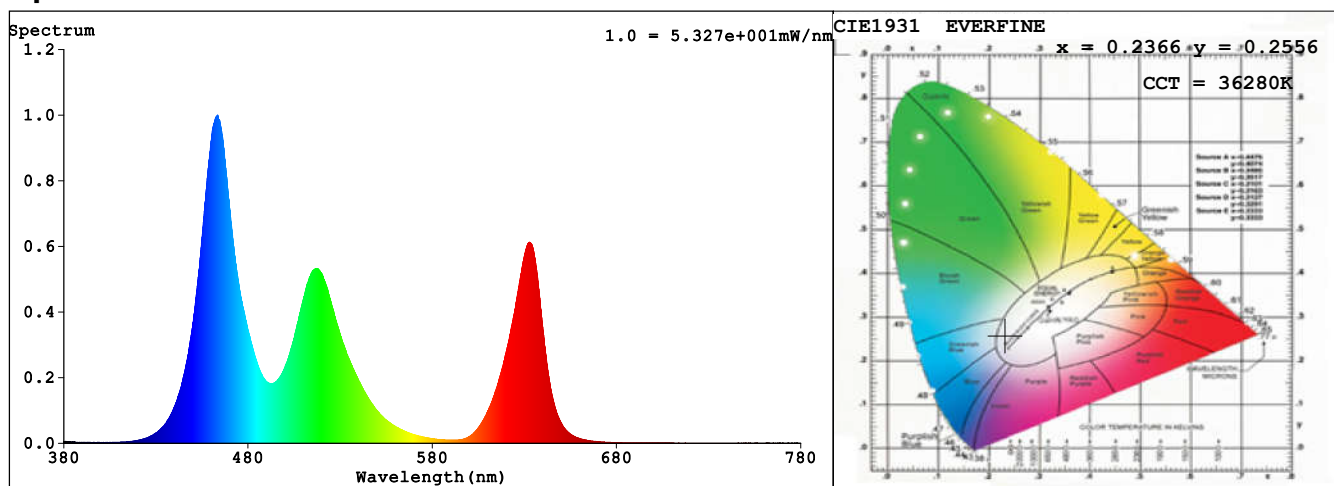
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 58253 (89%)
T : 144 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2366$ $y = 0.2556$ / $u' = 0.1692$ $v' = 0.4112$ ($duv=1.46e-02$)

CCT= 36280K Prcp WL: Ld=480.4nm Purity=39.7%

Peak WL: Lp=463nm FWHM: =21.8nm Ratio:R=19.7% G=67.3% B=13.0%

Render Index: Ra = 53.3 CRI = 46.4 TM30:Rf=50 Rg=110

EEL: 0.25258 B

R1 =42 R2 =64 R3 =71 R4 =61 R5 =62 R6 =62 R7 =58

R8 =7 R9 =0 R10=11 R11=49 R12=67 R13=43 R14=79 R15=21

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 704.13 lm Eff.: 48.19 lm/W Fe = 3.1993 W

Electrical parameters

V = 24.00 V I = 0.6089 A P = 14.61 W PF = 1.000 F=0.00 Hz

 EVERFINE

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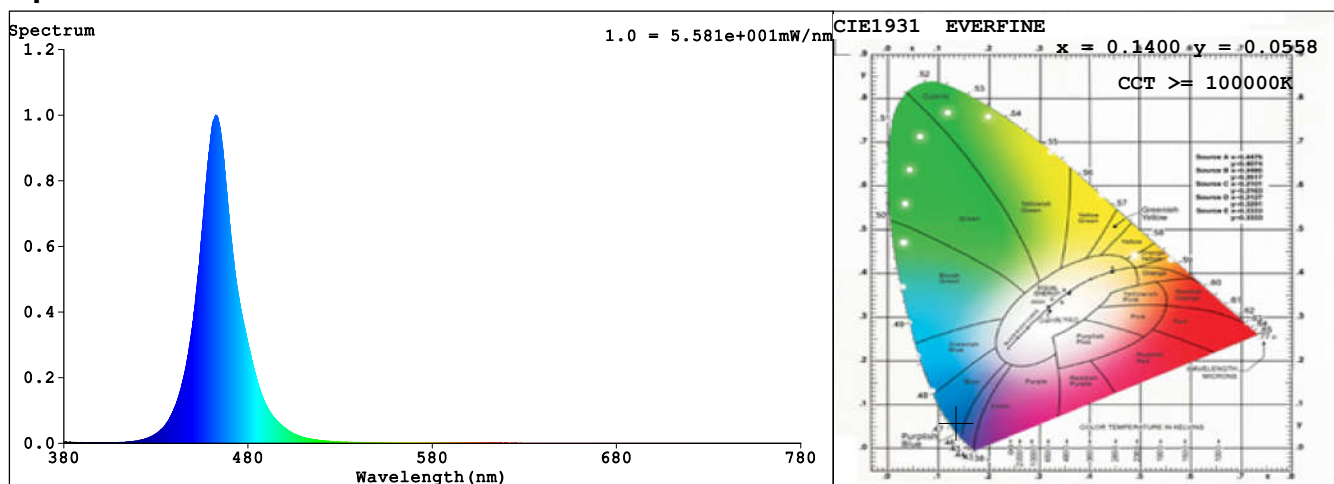
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Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 57240 (87%)
T : 144 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.1400 y = 0.0558 / u' = 0.1652 v' = 0.1482 (duv=-1.70e-01)

CCT>=1000000K Prcp WL: Ld=466.6nm Purity=96.1%

Peak WL: Lp=462nm FWHM: =20.8nm Ratio:R=0.4% G=14.2% B=85.4%

Render Index: Ra = 0.3 CRI = 0.1 TM30:Rf=0 Rg=-18

EEL: 0.36120 B

R1=0 R2=0 R3=0 R4=0 R5=2 R6=0 R7=0
R8=0 R9=0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=0
LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 92.566 lm Eff.: 19.71 lm/W Fe = 1.4703 W

Electrical parameters

V = 24.00 V I = 0.1957 A P = 4.696 W PF = 1.000 F=0.00 Hz



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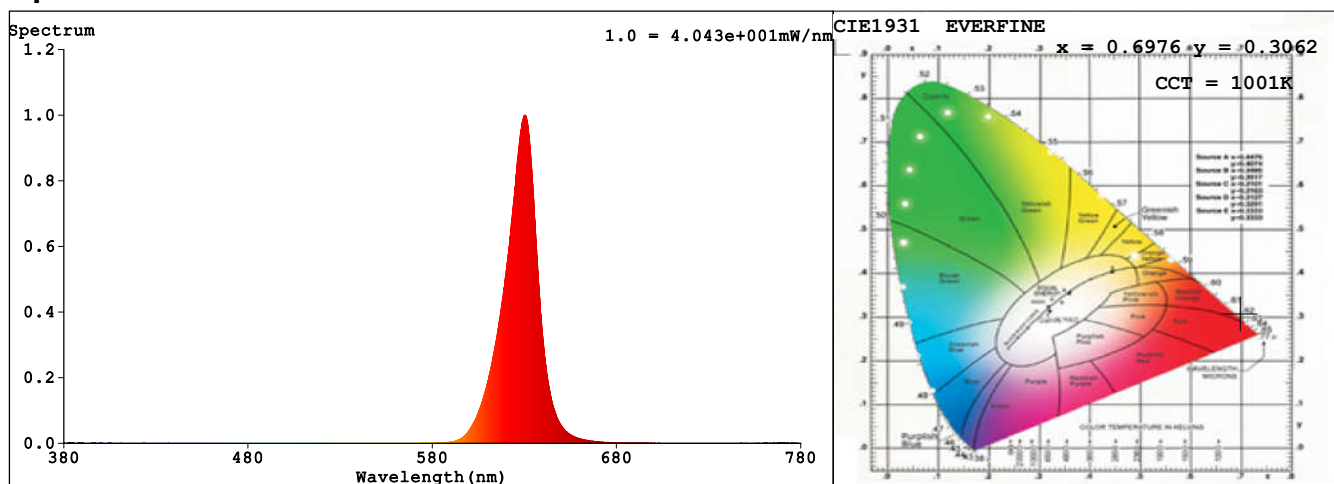
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 53897 (82%)
T : 107 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6976$ $y = 0.3062$ / $u' = 0.5285$ $v' = 0.5220$ (duv=-8.00e-02)

CCT= 1001K Prcp WL: Ld=620.9nm Purity=100.0%

Peak WL: Lp=630nm FWHM: =18.0nm Ratio:R=98.1% G=1.9% B=0.0%

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

EEL: 0.24370 B

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 = 177.77 lm Eff.: 35.68 lm/W Fe = 864.21 mW

Electrical parameters

V = 24.00 V I = 0.2076 A P = 4.982 W PF = 1.000 F=0.00 Hz

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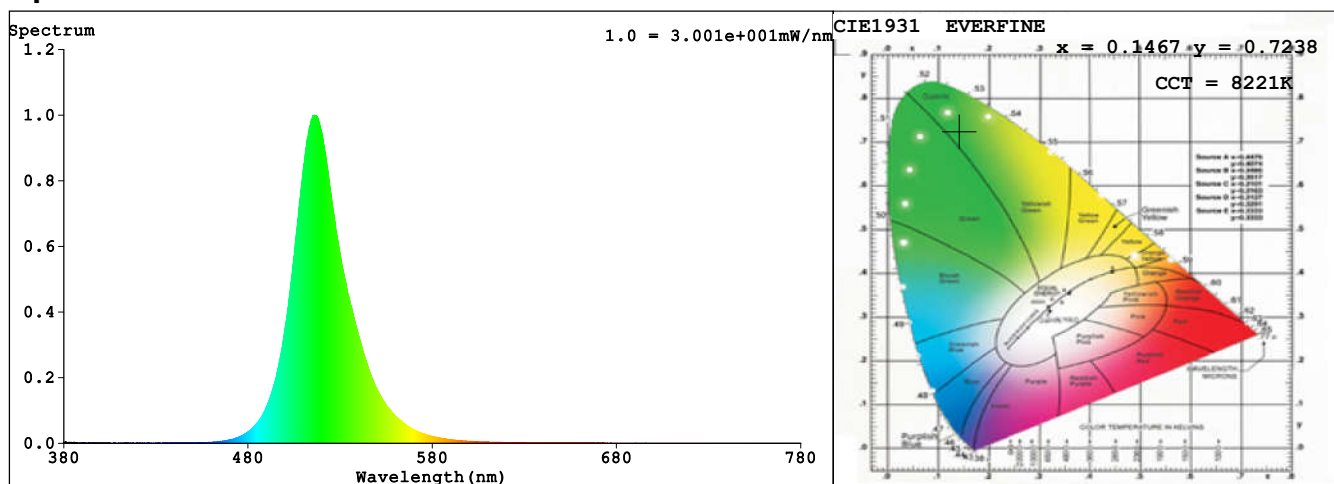
Sam. Status : First Sample Test
Instrument : HaasSuite(EVERFINE)
Remark : 1M
Device SN : HS-2000

Test Condition

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

RH : 60.0%
IP : 53563 (82%)
T : 158 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1467$ $y = 0.7238$ / $u' = 0.0515$ $v' = 0.5718$ ($duv=1.64e-01$)

CCT= 8221K Prcp WL: Ld=522.6nm Purity=78.3%

Peak WL: Lp=516nm FWHM: =29.0nm Ratio:R=0.2% G=97.0% B=2.8%

Render Index: Ra = 0.0 CRI = 2.4 TM30:Rf=1 Rg=7

EEL: 0.11323 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=37 R15=0
LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 483.57 lm Eff. : 99.22 lm/W Fe = 1.0595 W

Electrical parameters

V = 24.00 V I = 0.2031 A P = 4.874 W PF = 1.000 F=0.00 Hz

