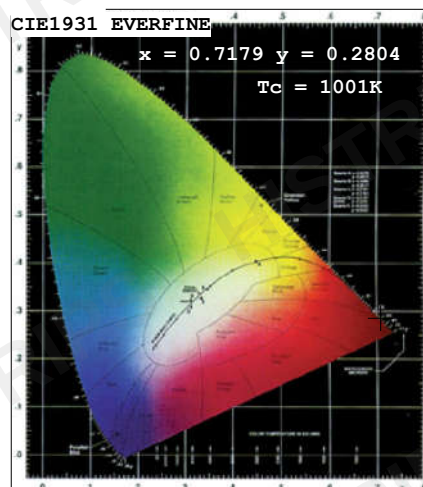
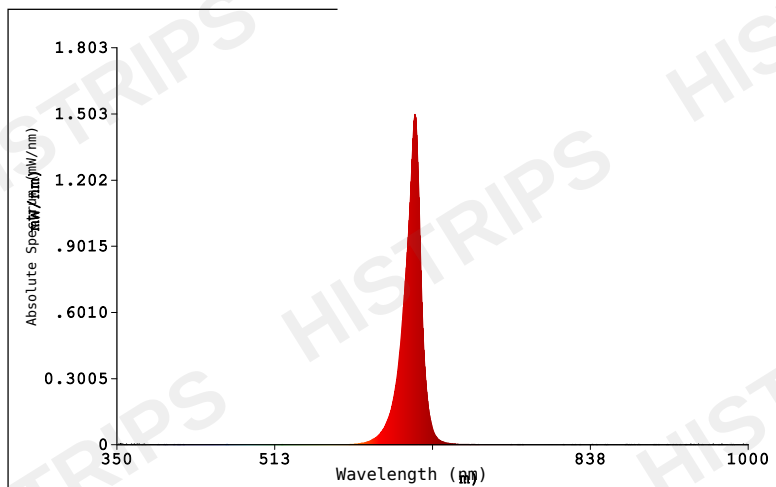


LIGHT SOURCE SPECTRAL TEST REPORT



Color Parameters:

Chromaticity Coordinates (2 deg): $x=0.7179$ $y=0.2804$ $u'=0.5826$ $v'=0.5120$ $duv=-1.353e-001$ Correlated Color Temp.: $T_c=1001K$ Dominant Wavelength: $\lambda_d=640.8nm$ Color Purity: Purity=99.5%Color Ratio: R=99.0% G=0.9% B=0.0% Peak Wavelength: $\lambda_p=657.5nm$ Half Width: $\Delta\lambda_d=16.2nm$ Color Rendering Index: $R_a=14.9$ $AvgR=6.3$ $K_{red}=97.42\%$

R1 = 7.55	R2 = 79.81	R3 = 29.55	R4 = -22.62	R5 = 5.04
R6 = 84.80	R7 = 8.29	R8 = -72.88	R9 = -237.16	R10 = 78.79
R11 = -7.11	R12 = 82.45	R13 = 33.40	R14 = 57.18	R15 = -33.26

Photometric Parameters:

Luminous Flux $\Phi = 2.165 lm$ Luminous Efficacy: 36.91 lm/W $\Phi_e = 30.17 mW$

Electrical Parameters:

Forward Voltage $V_F = 1.962 V$ Forward Current $I_F = 29.90 mA$ Power $P = 58.66 mW$ Ch1

Grade: **[OUT] White Light Classification: OUT

Instrument Status: Integration Time $T=402.00ms$ $I_p=47113 (72\%)$ [HAAS1200_V1_USB] V2.00.313

Product Model: HI-3030UVC-K5568

Tester:

Ambient Temp.: 25.3°C

Manufacturer:

Reviewer: damin

Test Instrument: WY + HAAS1200_V1_USB

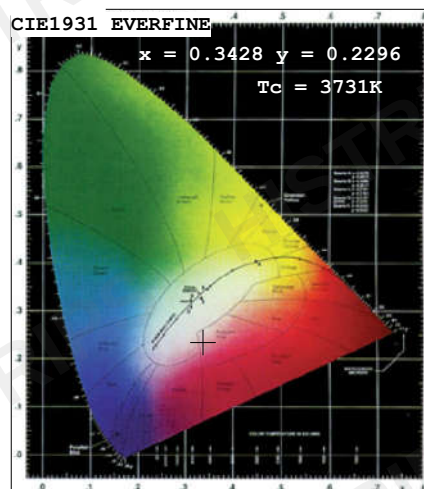
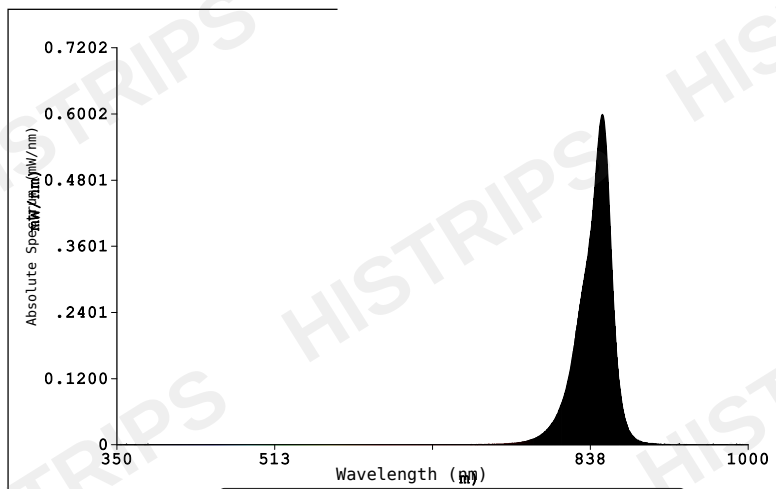
Product No.: 35

Test Date: 2026-07-27 11:47

Ambient Humidity: 65.0%

Remarks:

LIGHT SOURCE SPECTRAL TEST REPORT



Color Parameters:

Chromaticity Coordinates (2 deg): x=0.3428 y=0.2296/u'=0.2705 v'=0.4076 duv=-7.727e-002

Correlated Color Temp.: Tc=3731K Complementary Wavelength: $\lambda_c=549.8\text{nm}$ Color Purity: Purity=28.8%

Color Ratio: R=38.1% G=52.1% B=9.8% Peak Wavelength: $\lambda_p=849.7\text{nm}$ Half Width: $\Delta\lambda_d=29.1\text{nm}$

Color Rendering Index: Ra=46.6 AvgR=26.7 Rred=20.04%

R1 =41.79	R2 =40.63	R3 =20.94	R4 =76.56	R5 =36.16
R6 =38.17	R7 =88.66	R8 =30.10	R9 =-108.98	R10=-33.81
R11=78.15	R12=8.80	R13=38.69	R14=39.12	R15=6.01

Photometric Parameters:

Luminous Flux $\Phi = 0\text{ lm}$ Luminous Efficacy: 0.00 lm/W $\Phi_e = 20.78\text{ mW}$

Electrical Parameters:

Forward Voltage VF = 1.435 V Forward Current IF = 29.90 mA Power P = 42.89 mW Ch1

Grade:**[OUT] White Light Classification: OUT

Instrument Status: Integration Time T=1860.00ms Ip=29893 (46%) [HAAS1200_V1_USB] V2.00.313

Product Model: HI-3030UVC-K5568

Tester:

Ambient Temp.: 25.3°C

Manufacturer:

Reviewer: damin

Test Instrument: WY + HAAS1200_V1_USB

Product No.: 32

Test Date: 2026-07-27 11:44

Ambient Humidity: 65.0%

Remarks: