

Spectrum Test Report

Sample :
Specification : 720-24V-12MM G
Sample No. : 6
Manufacturer : EVERFINE
Instrument number: 1

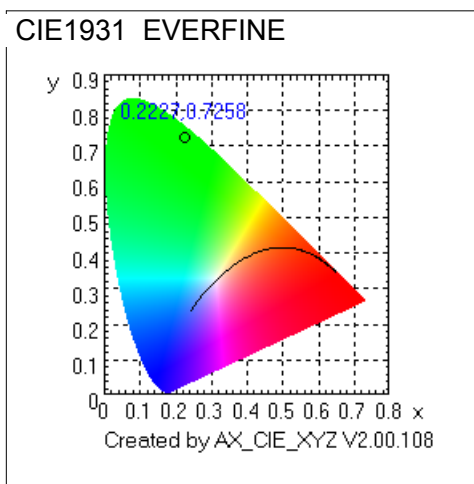
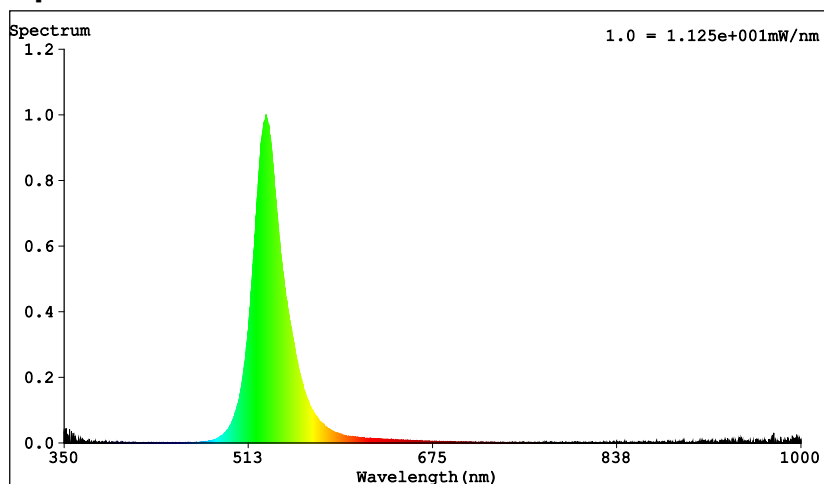
Date : 2026-03-17 13:28:21
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

Temperature : 25.3 °C
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 13793 (21%)
T : 500 ms
Sensitivity : Low

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.2227$ $y = 0.7258$ / $u' = 0.0791$ $v' = 0.5799$ ($duv=1.43e-01$)

CCT= 6997K Prcp WL: $L_d=537.4nm$ Purity=90.1%

Peak WL: $L_p=528nm$ FWHM: $=28.0nm$ Ratio:R=0.9% G=98.6% B=0.5%

Render Index: $R_a = 0.0$

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

TLCI = 3.0

Photometric & Radiometric Parameters

Flux = 217.17 lm Eff. : 77.81 lm/W $Fe = 399.65 mW$

(EQE):149.06%

Kred: 0.00514

Electrical parameters

V = 24.00 V I = 0.1163 A P = 2.791 W PF = 1.000

Freq=0.00 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>

Spectrum Test Report

Sample :
Specification : 720-24V-12MM R
Sample No. : 7
Manufacturer : EVERFINE
Instrument number: 1

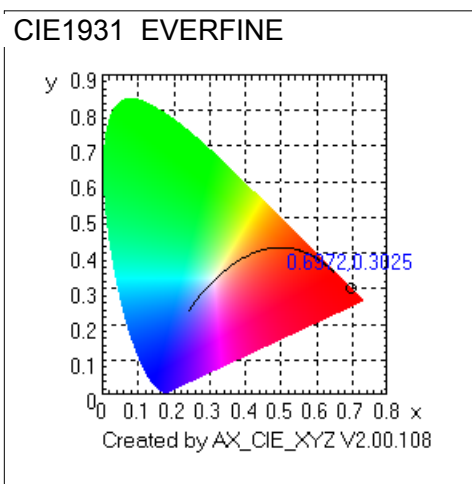
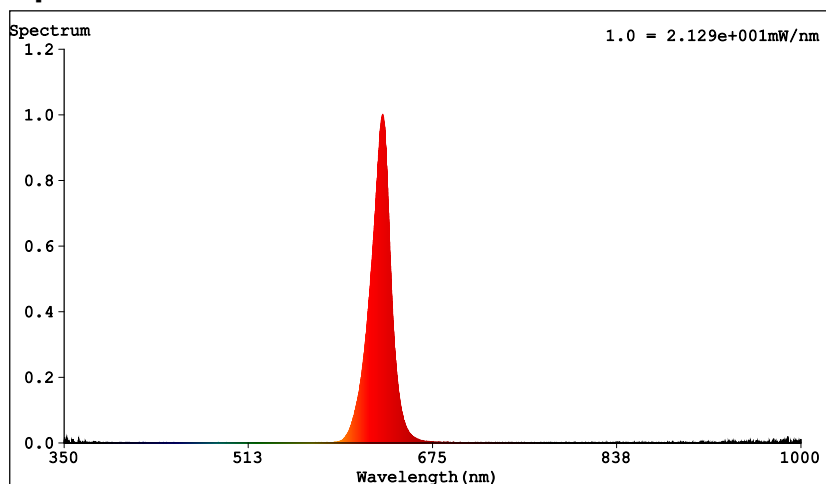
Date : 2026-03-17 13:28:56
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

Temperature : 25.3 °C
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 18641 (28%)
T : 500 ms
Sensitivity : Low

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6972$ $y = 0.3025$ / $u' = 0.5327$ $v' = 0.5200$ ($duv = -8.52e-02$)

CCT<=1000K Prcp WL: $L_d = 623.2nm$ Purity=99.9%

Peak WL: $L_p = 631nm$ FWHM: =17.9nm Ratio:R=98.8% G=1.2% B=0.0%

Render Index: $R_a = 23.8$

R1 =0 R2 =77 R3 =23 R4 =0 R5 =0 R6 =89 R7 =0
R8 =0 R9 =0 R10=71 R11=0 R12=79 R13=26 R14=54 R15=0

TLCI = 1.7

Photometric & Radiometric Parameters

Flux = 89.020 lm Eff. : 16.97 lm/W $Fe = 456.14 mW$

(EQE):105.91%

Kred: 0.91506

Electrical parameters

$V = 24.00 V$ $I = 0.2186 A$ $P = 5.246 W$ PF = 1.000

Freq=0.00 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>

Spectrum Test Report

Sample :
Specification : 720-24V-12MM B
Sample No. : 8
Manufacturer : EVERFINE
Instrument number: 1

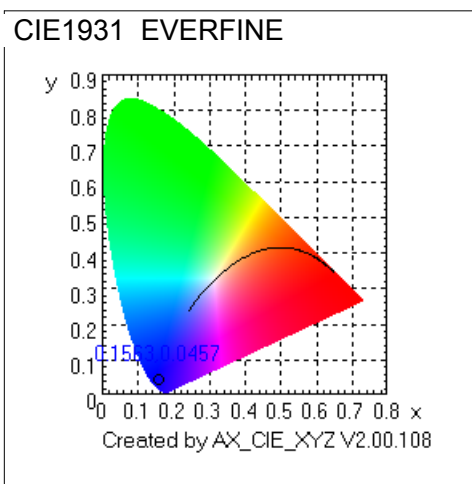
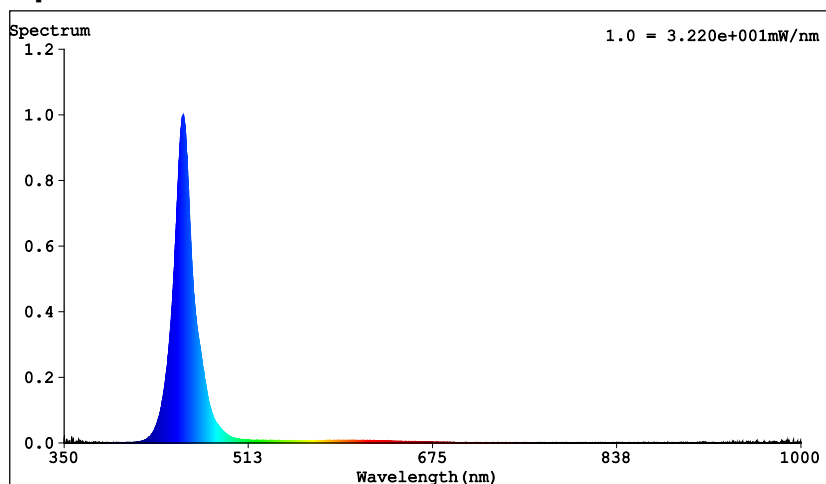
Date : 2026-03-17 13:29:39
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

Temperature : 25.3 °C
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 29935 (46%)
T : 500 ms
Sensitivity : Low

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1563$ $y = 0.0457$ / $u' = 0.1932$ $v' = 0.1271$ ($duv = -1.82e-01$)

CCT>=100000K Prcp WL: Ld=459.0nm Purity=94.2%

Peak WL: Lp=455nm FWHM: =16.8nm Ratio:R=6.0% G=29.8% B=64.2%

Render Index: Ra = 15.8

R1 =63 R2 =0 R3 =0 R4 =0 R5 =63 R6 =0 R7 =0
R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=24 R14=0 R15=53

TLCI = 5.2

Photometric & Radiometric Parameters

Flux = 43.843 lm Eff. : 14.39 lm/W Fe = 751.87 mW

(EQE):221.74%

Kred: 0.03808

Electrical parameters

V = 24.00 V I = 0.1270 A P = 3.048 W PF = 1.000

Freq=0.00 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>

Spectrum Test Report

Sample :
Specification : 720-24V-12MM C
Sample No. : 9
Manufacturer : EVERFINE
Instrument number: 1

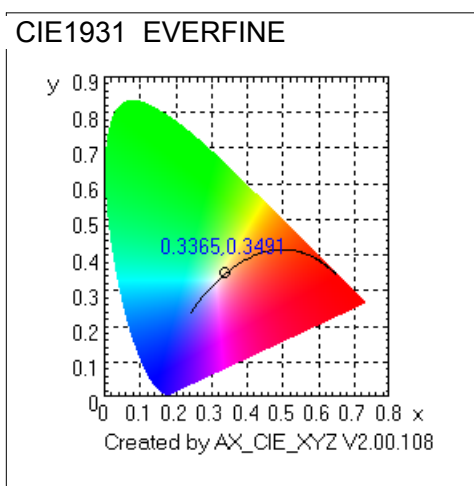
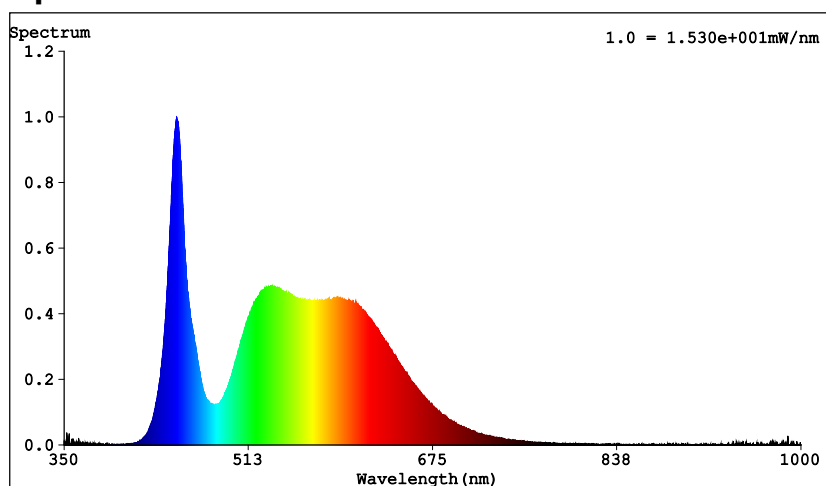
Date : 2026-03-17 13:30:16
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

Temperature : 25.3 °C
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 13508 (21%)
T : 500 ms
Sensitivity : Low

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3365$ $y = 0.3491$ / $u' = 0.2065$ $v' = 0.4822$ ($duv=2.33e-03$)

CCT= 5334K Prcp WL: $L_d=562.2nm$ Purity=5.7%

Peak WL: $L_p=449nm$ FWHM: =17.2nm Ratio:R=15.5% G=80.7% B=3.8%

Render Index: $R_a = 82.8$

R1 =84 R2 =85 R3 =84 R4 =85 R5 =84 R6 =80 R7 =88

R8 =74 R9 =21 R10=63 R11=85 R12=55 R13=84 R14=91 R15=80

TLCI = 71.7

Photometric & Radiometric Parameters

Flux = 463.28 lm Eff. : 92.28 lm/W $\Phi_e = 1.4551 W$

(EQE):308.45%

Kred: 0.09692

Electrical parameters

V = 24.00 V I = 0.2092 A P = 5.020 W PF = 1.000

Freq=0.00 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>

Spectrum Test Report

Sample :
Specification : 720-24V-12MM W
Sample No. : 10
Manufacturer : EVERFINE
Instrument number: 1

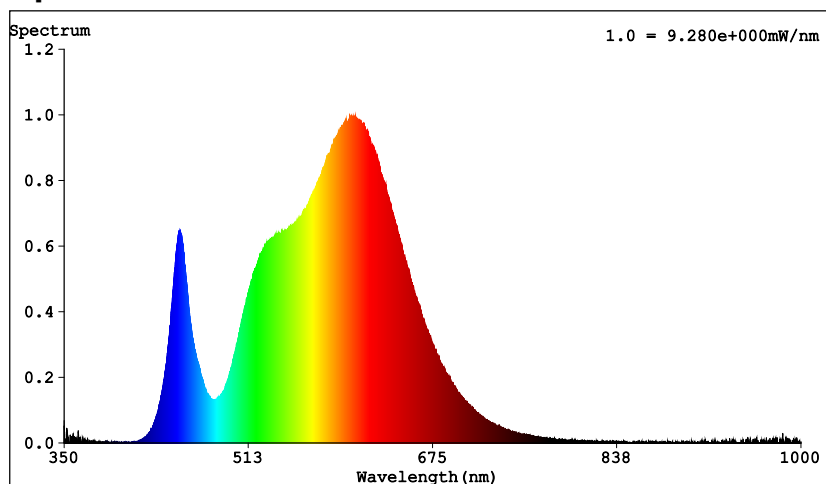
Date : 2026-03-17 13:30:47
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

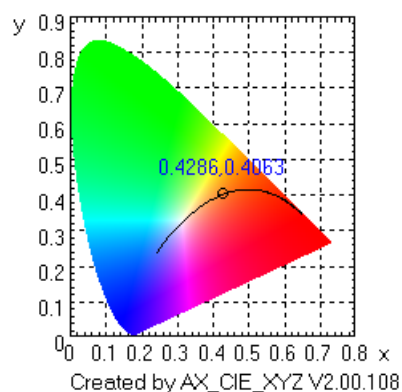
Temperature : 25.3 °C
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 9605 (15%)
T : 500 ms
Sensitivity : Low

Spectrum



CIE1931 EVERFINE



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4286$ $y = 0.4063$ / $u' = 0.2443$ $v' = 0.5210$ ($duv=2.14e-03$)

CCT= 3163K Prcp WL: $L_d=581.4nm$ Purity=50.6%

Peak WL: $L_p=602nm$ FWHM: $=139.9nm$ Ratio:R=22.1% G=75.8% B=2.1%

Render Index: $R_a = 83.2$

R1 =82 R2 =89 R3 =94 R4 =84 R5 =81 R6 =85 R7 =86

R8 =64 R9 =12 R10=72 R11=83 R12=60 R13=84 R14=96 R15=75

TLCI = 69.4

Photometric & Radiometric Parameters

Flux = 467.57 lm Eff. : 91.39 lm/W $Fe = 1.3987 W$

(EQE):306.65%

Kred: 0.14109

Electrical parameters

V = 24.00 V I = 0.2132 A P = 5.116 W PF = 1.000

Freq=0.00 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>

Spectrum Test Report

Sample :
Specification : 720-24V-12MM RGBCW
Sample No. : 11
Manufacturer : EVERFINE
Instrument number: 1

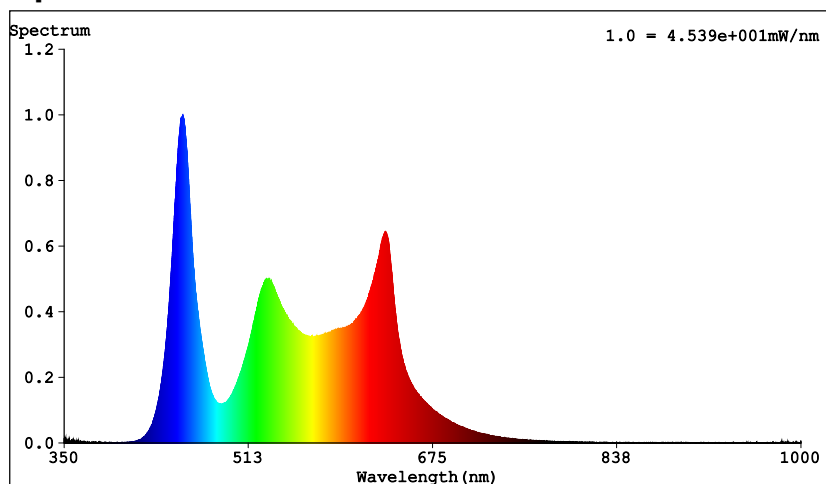
Date : 2026-03-17 13:37:23
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

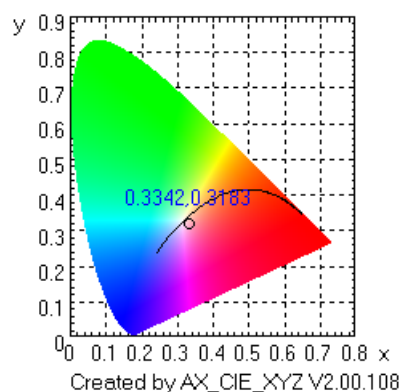
Temperature : 25.3 °C
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 41843 (64%)
T : 500 ms
Sensitivity : Low

Spectrum



CIE1931 EVERFINE



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3342$ $y = 0.3183$ / $u' = 0.2173$ $v' = 0.4657$ ($duv = -1.30e-02$)

CCT= 5399K Prcp WL: $L_d = 551.7\text{nm}$ Purity=4.3%

Peak WL: $L_p = 455\text{nm}$ FWHM: $=21.0\text{nm}$ Ratio: R=19.9% G=75.4% B=4.7%

Render Index: $R_a = 87.1$

R1 =85 R2 =95 R3 =79 R4 =84 R5 =90 R6 =90 R7 =93

R8 =81 R9 =54 R10=90 R11=80 R12=68 R13=87 R14=86 R15=80

TLCI = 87.2

Photometric & Radiometric Parameters

Flux = 1215.3 lm Eff. : 56.85 lm/W $\Phi_e = 4.2303\text{ W}$

(EQE):210.85%

Kred: 0.14334

Electrical parameters

V = 24.00 V I = 0.8908 A P = 21.38 W PF = 1.000

Freq=0.00 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>

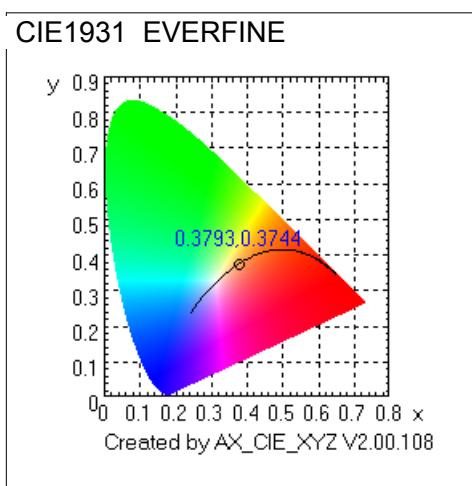
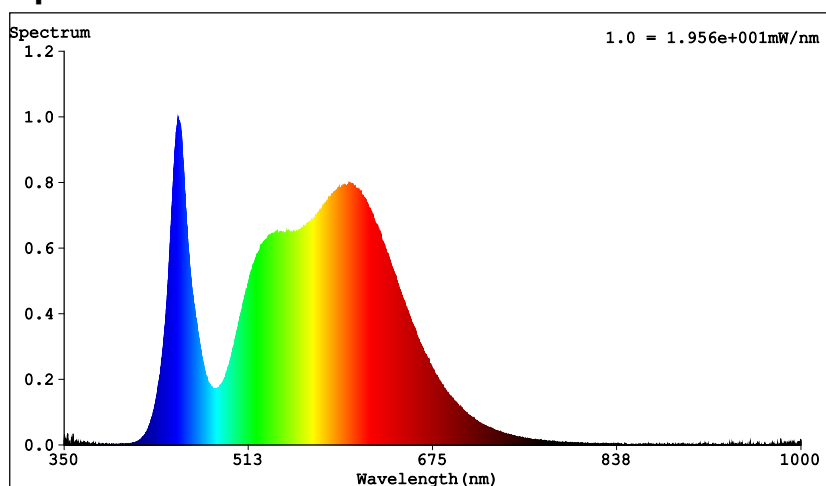
Spectrum Test Report

Sample	:		Date	:	2026-03-17 13:38:12
Specification	:	720-24V-12MM CW	Sam. Status	:	
Sample No.	:	12	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	DAMIN
Instrument number	:	1	Assessor	:	damin

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	17344 (26%)
Test Mode	:	Fast Test	T	:	500 ms
			Sensitivity	:	Low

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3793$ $y = 0.3744$ / $u' = 0.2253$ $v' = 0.5004$ ($duv = -7.65e-04$)

CCT= 4014K Prcp WL: $L_d = 579.5nm$ Purity=26.2%

Peak WL: $L_p = 451nm$ FWHM: =20.4nm Ratio:R=18.8% G=78.1% B=3.1%

Render Index: $R_a = 84.5$

R1 =85 R2 =89 R3 =91 R4 =85 R5 =84 R6 =84 R7 =88

R8 =71 R9 =21 R10=71 R11=85 R12=58 R13=86 R14=94 R15=80

TLCI = 69.7

Photometric & Radiometric Parameters

Flux = 902.97 lm Eff. : 87.87 lm/W $F_e = 2.7780 W$

(EQE):295.23%

Kred: 0.11895

Electrical parameters

V = 24.00 V I = 0.4282 A P = 10.28 W PF = 1.000

Freq=0.00 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>