

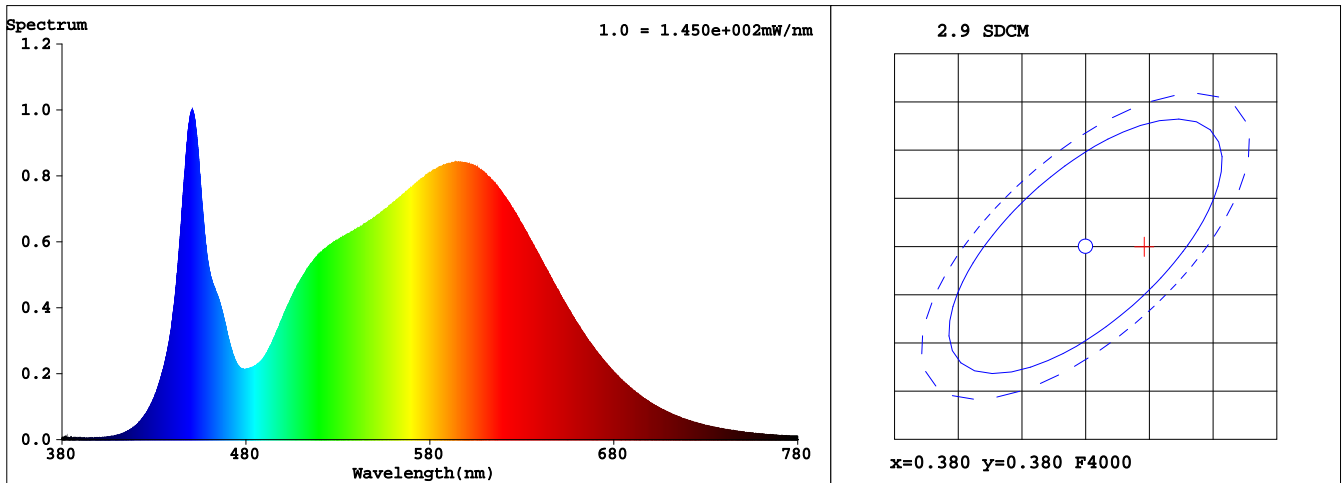
Spectrum Test Report

Sample	:	Date	:	2024-08-03 09:18:29
Specification	:	Sam. Status	:	
Sample No.	:	Standard	:	
Manufacturer	:	Instrument	:	HaasSuite(EVERFINE)
Assessor	:	Test by	:	DAMIN
Remark	:			
Device SN	:			

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	53568 (82%)
Test Mode	:	Fast Test	T	:	21 ms
Sensitivity	:	High			

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3846$ $y = 0.3800$ / $u' = 0.2266$ $v' = 0.5036$ ($duv=3.04e-04$)
 CCT= 3913K Prcp WL: $L_d=579.2nm$ Purity=29.5%
 Peak WL: $L_p=451nm$ FWHM: =18.1nm Ratio:R=18.6% G=78.1% B=3.3%
 Render Index: $R_a = 83.0$
 LER=330 $\eta=0.578$ CQS=83
 GAI_EES=73 GAI_BB8=95 GAI_BB15=100 FCI=98 TLCl=12.56 EEI: 0.07135 A++ Highest
 R1 =82 R2 =89 R3 =94 R4 =82 R5 =81 R6 =84 R7 =87
 R8 =66 R9 =11 R10=73 R11=81 R12=60 R13=83 R14=97 R15=76

Photometric & Radiometric Parameters

Flux = 7030.8 lm Eff. : 190.92 lm/W Fe = 21.303 W

Electrical parameters

V = 33.44 V I = 1.101 A P = 36.83 W PF = 1.000 F=0.00 Hz

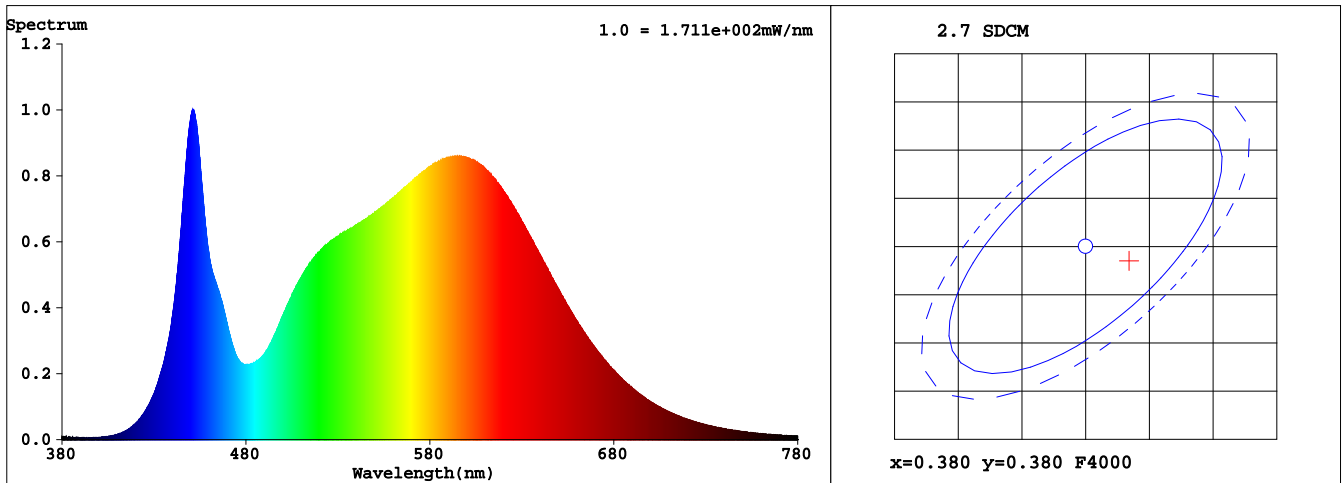
Spectrum Test Report

Sample	:	Date	:	2024-08-03 09:19:12
Specification	:	Sam. Status	:	
Sample No.	:	Standard	:	
Manufacturer	:	Instrument	:	HaasSuite(EVERFINE)
Assessor	:	Test by	:	DAMIN
Remark	:			
Device SN	:			

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	49140 (75%)
Test Mode	:	Fast Test	T	:	16 ms
Sensitivity	:	High			

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3834$ $y = 0.3785$ / $u' = 0.2264$ $v' = 0.5028$ ($duv = -4.32e-05$)
 CCT= 3933K Prcp WL: $L_d = 579.3nm$ Purity=28.7%
 Peak WL: $L_p = 451nm$ FWHM: =19.7nm Ratio:R=18.6% G=78.0% B=3.4%
 Render Index: $R_a = 83.0$
 LER=329 $\eta = 0.564$ CQS=82
 GAI_EES=73 GAI_BB8=93 GAI_BB15=99 FCI=98 TLCI=67.41 EEI: 0.07339 A++ Highest
 R1 =82 R2 =89 R3 =94 R4 =82 R5 =81 R6 =84 R7 =86
 R8 =65 R9 =11 R10=73 R11=81 R12=61 R13=83 R14=97 R15=76

Photometric & Radiometric Parameters

Flux = 8470.0 lm Eff. : 185.61 lm/W Fe = 25.748 W

Electrical parameters

V = 33.81 V I = 1.349 A P = 45.63 W PF = 1.000 F=0.00 Hz

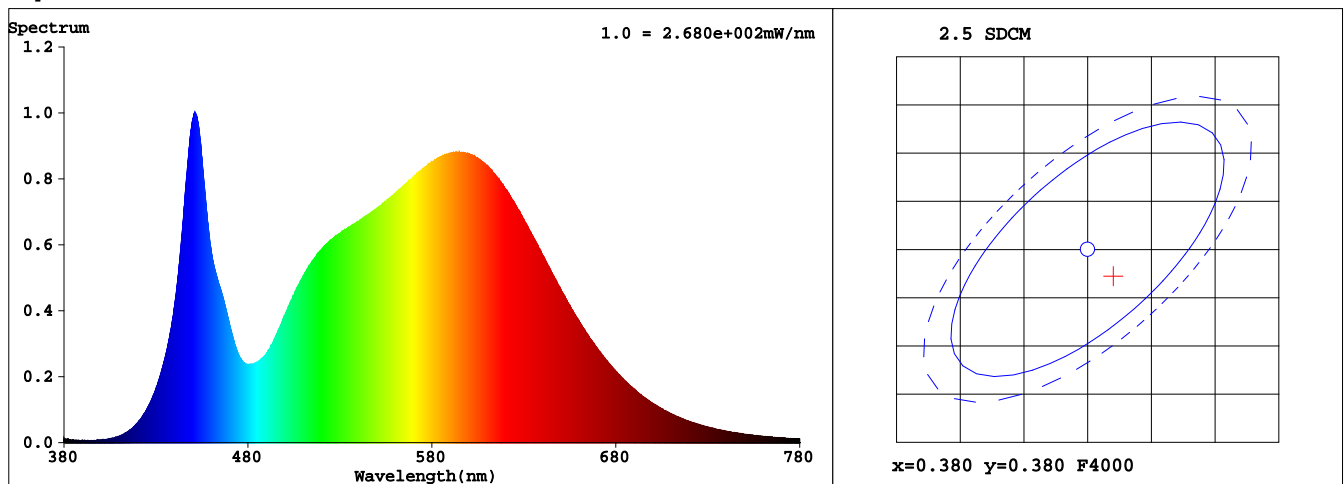
Spectrum Test Report

Sample	:	Date	:	2024-08-03 09:19:42
Specification	:	Sam. Status	:	
Sample No.	:	Standard	:	
Manufacturer	:	Instrument	:	HaasSuite(EVERFINE)
Assessor	:	Test by	:	DAMIN
Remark	:			
Device SN	:			

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	59080 (90%)
Test Mode	:	Fast Test	T	:	12 ms
Sensitivity	:	High			

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3820$ $y = 0.3772$ / $u' = 0.2260$ $v' = 0.5020$ ($duv = -2.39e-04$)
 CCT= 3961K Prcp WL: $L_d = 579.3nm$ Purity=27.9%
 Peak WL: $L_p = 451nm$ FWHM: =21.3nm Ratio:R=18.5% G=78.1% B=3.4%
 Render Index: $R_a = 82.8$
 LER=328 $\eta = 0.524$ CQS=82
 GAI_EES=73 GAI_BB8=94 GAI_BB15=99 FCI=98 TLCI=67.00 EEI: 0.07927 A++ Highest
 R1 =81 R2 =89 R3 =94 R4 =82 R5 =81 R6 =84 R7 =86
 R8 =65 R9 =11 R10=72 R11=81 R12=61 R13=83 R14=96 R15=76

Photometric & Radiometric Parameters

Flux = 13627 lm Eff. : 171.84 lm/W Fe = 41.551 W

Electrical parameters

V = 35.24 V I = 2.250 A P = 79.30 W PF = 1.000 F=0.00 Hz

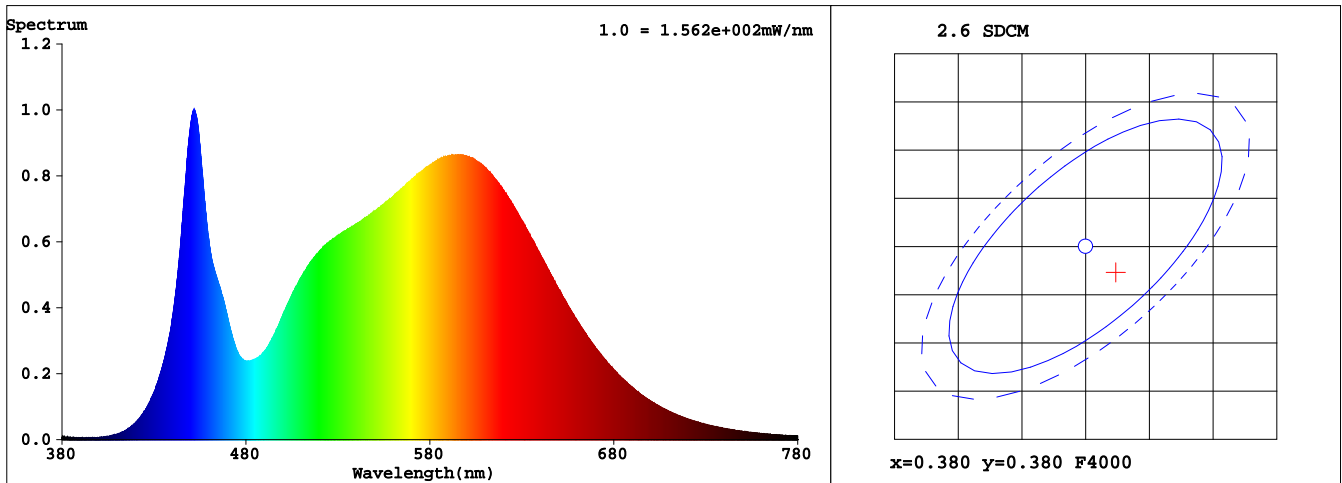
Spectrum Test Report

Sample	:	Date	:	2024-08-03 09:20:29
Specification	:	Sam. Status	:	
Sample No.	:	Standard	:	
Manufacturer	:	Instrument	:	HaasSuite(EVERFINE)
Assessor	:	Test by	:	DAMIN
Remark	:			
Device SN	:			

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	53517 (82%)
Test Mode	:	Fast Test	T	:	19 ms
Sensitivity	:	High			

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3824$ $y = 0.3773$ / $u' = 0.2262$ $v' = 0.5021$ ($duv = -3.06e-04$)
 CCT= 3952K Prcp WL: $L_d = 579.4nm$ Purity=28.0%
 Peak WL: $L_p = 452nm$ FWHM: $=20.7nm$ Ratio:R=18.5% G=78.0% B=3.5%
 Render Index: $R_a = 83.1$
 LER=328 $\eta = 0.570$ CQS=82
 GAI_EES=73 GAI_BB8=94 GAI_BB15=100 FCI=98 TLCl=67.70 EEI: 0.07287 A++ Highest
 R1 =82 R2 =89 R3 =94 R4 =82 R5 =81 R6 =84 R7 =86
 R8 =66 R9 =11 R10=74 R11=81 R12=61 R13=84 R14=97 R15=76

Photometric & Radiometric Parameters

Flux = 7775.6 lm Eff. : 186.95 lm/W Fe = 23.714 W

Electrical parameters

V = 33.28 V I = 1.250 A P = 41.59 W PF = 1.000 F=0.00 Hz