



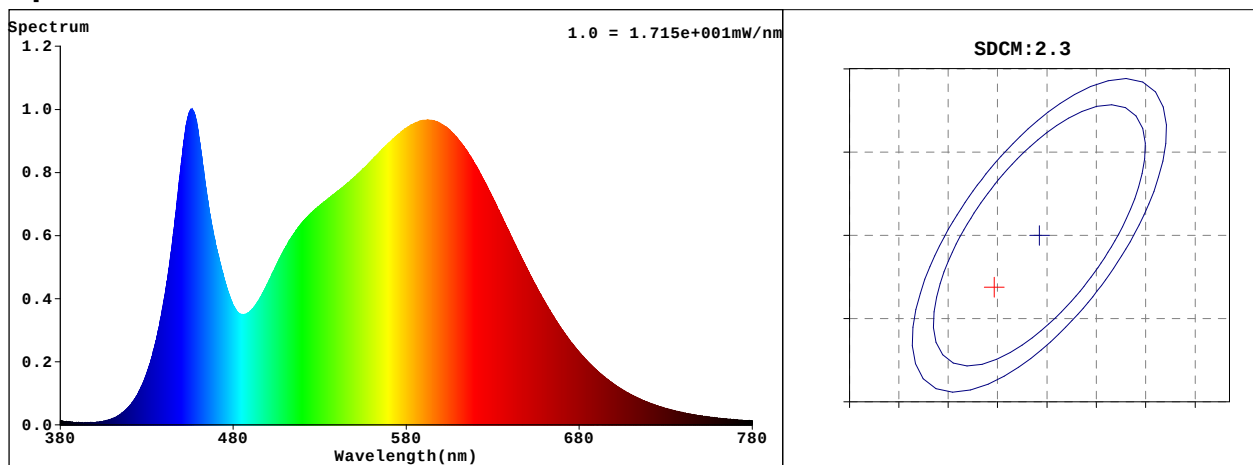
Spectrum Test Report

Sample	:	Date	: 2024-07-04
Specification	:	Sam. Status	:
Sample No.	: 9W-1	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Remark	:	Test by	:

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52697 (80%)
Test Mode	: Fast Test	T	: 396 ms

Spectrum : High



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3754$ $y = 0.3747$ / $u' = 0.2226$ $v' = 0.4999$ ($duv=5.59e-04$)

CCT= 4125K Prcp WL: Ld=578.3nm Purity=25.1%

Peak WL: Lp=456nm FWHM: =30.0nm Ratio:R=17.9% G=78.0% B=4.1%

Render Index: Ra = 83.5

EEL: 0.11013 A+

R1 =82 R2 =91 R3 =96 R4 =80 R5 =82 R6 =87 R7 =86

R8 =65 R9 =11 R10=78 R11=79 R12=63 R13=85 R14=98 R15=76

Photometric & Radiometric Parameters

Flux = 963.80 lm Eff. : 117.40 lm/W Fe = 2.9581 W

Electrical parameters

V = 230.14 V I = 0.06452 A P = 8.210 W PF = 0.5529 F=50.00 Hz



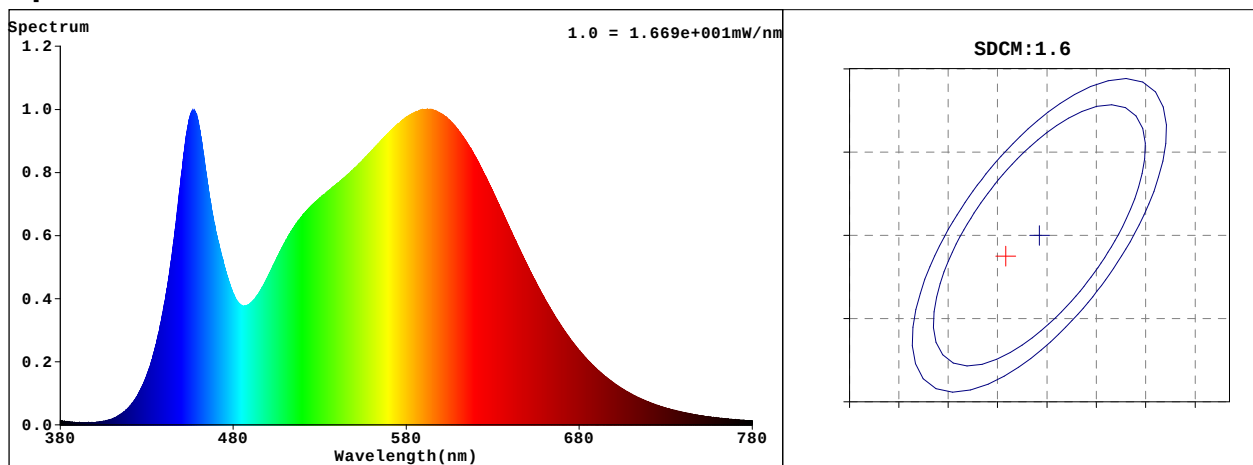
Spectrum Test Report

Sample	:	Date	: 2024-07-04
Specification	:	Sam. Status	:
Sample No.	: 9W-2	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Remark	:	Test by	:

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 53122 (81%)
Test Mode	: Fast Test	T	: 396 ms

Spectrum : High



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3766$ $y = 0.3779$ / $u' = 0.2221$ $v' = 0.5015$ ($duv=1.68e-03$)

CCT= 4116K Prcp WL: Ld=577.7nm Purity=26.4%

Peak WL: Lp=592nm FWHM: =147.8nm Ratio:R=17.9% G=78.0% B=4.1%

Render Index: Ra = 83.2

EEL: 0.11039 A+

R1 =82 R2 =91 R3 =96 R4 =80 R5 =81 R6 =87 R7 =85

R8 =64 R9 =9 R10=78 R11=78 R12=62 R13=84 R14=98 R15=75

Photometric & Radiometric Parameters

Flux = 971.24 lm Eff. : 117.28 lm/W Fe = 2.9650 W

Electrical parameters

V = 230.11 V I = 0.06446 A P = 8.281 W PF = 0.5583 F=50.00 Hz



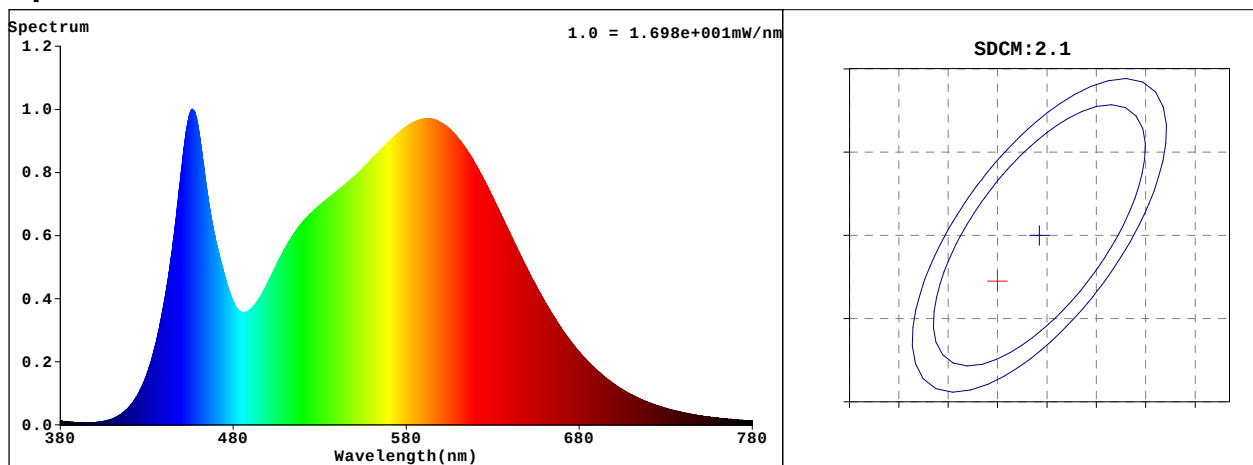
Spectrum Test Report

Sample	:	Date	: 2024-07-04
Specification	:	Sam. Status	:
Sample No.	: 9W-3	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Remark	:	Test by	:

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52411 (80%)
Test Mode	: Fast Test	T	: 396 ms

Spectrum : High



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3757$ $y = 0.3754$ / $u' = 0.2226$ $v' = 0.5003$ ($duv=7.48e-04$)

CCT= 4119K Prcp WL: Ld=578.2nm Purity=25.4%

Peak WL: Lp=456nm FWHM: =30.4nm Ratio:R=17.9% G=78.0% B=4.1%

Render Index: Ra = 83.4

EEL: 0.11107 A+

R1 =82 R2 =91 R3 =96 R4 =80 R5 =81 R6 =87 R7 =85

R8 =65 R9 =10 R10=78 R11=78 R12=63 R13=85 R14=98 R15=76

Photometric & Radiometric Parameters

Flux = 957.68 lm Eff. : 116.27 lm/W Fe = 2.9373 W

Electrical parameters

V = 230.04 V I = 0.06489 A P = 8.237 W PF = 0.5518 F=50.00 Hz