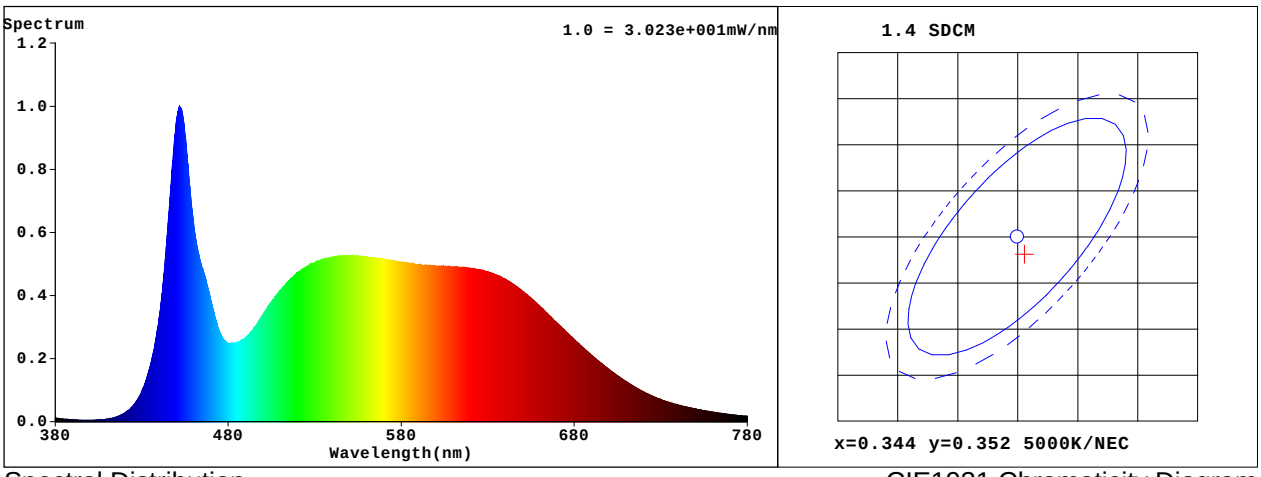
Spectrum Test Report

Sample	:	Date	: 2020-04-17 17:43:26
Specification	:	Sam. Status	:
Sample No.	: 6IN Baffle 5CCT 5000K	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: Westgate MFG Inc	Test by	:
		Assessor	: damin

Test Condition

Temprature	: 25.7Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52438 (80%)
Test Mode	: Fast Test	T	: 725 ms
		Sensitivity	: Low

Spectrum



Spectral Distribution CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.3446 y = 0.3501 / u' = 0.2117 v' = 0.4839 (duv=-5.57e-04)

CCT= 5013K Prcp WL: Ld=573.3nm Purity=8.4%

Peak WL: Lp=452nm FWHM: =21.0nm Ratio:R=17.1% G=78.0% B=4.8%

Render Index: Ra = 91.7 CRI = 88.0 AvgR = 88.3

R1 =93	R2 =93	R3 =91	R4 =92	R5 =92	R6 =89	R7 =95
R8 =89	R9 =70	R10=82	R11=91	R12=67	R13=93	R14=95 R15=93

WHITE:ANSI_5000K

Photometric & Radiometric Parameters

Flux = 1057.5 lm Eff. : 90.20 lm/W Fe = 3.6910 W

Flux of emitted photons(umol/s):17.371 Fluo. and blue light ratio:3.803 Fluorescent eff.:243.7

Electrical parameters

V = 120.1 V I = 0.09989 A P = 11.72 W PF = 0.9776 F=59.98 Hz

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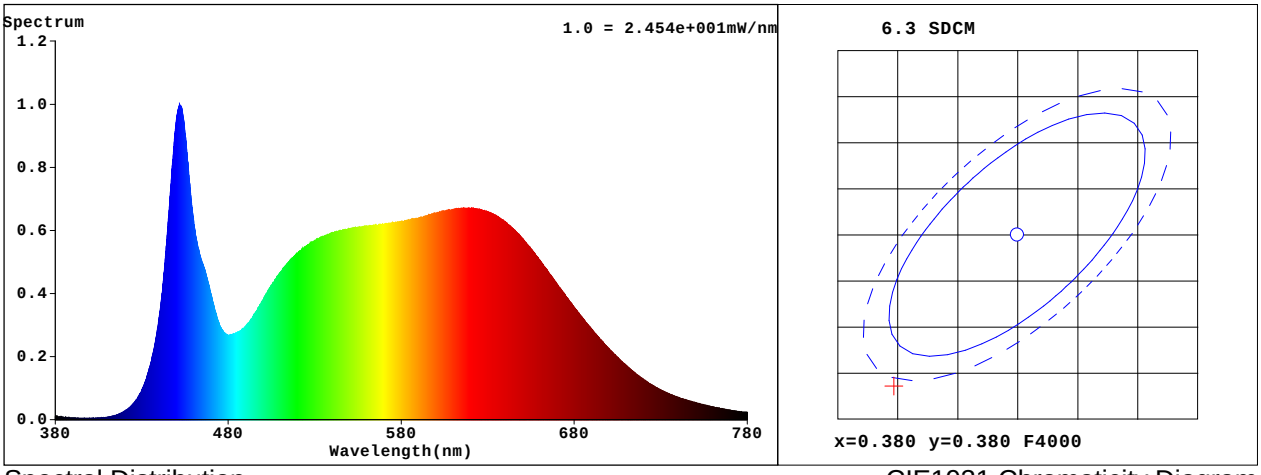
Spectrum Test Report

Sample	:	Date	: 2020-04-17 17:43:57
Specification	:	Sam. Status	:
Sample No.	: 6IN Baffle 5CCT 4000K	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:
		Assessor	: damin

Test Condition

Temprature	: 25.7Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 57785 (88%)
Test Mode	: Fast Test	T	: 725 ms
		Sensitivity	: Low

Spectrum



Spectral Distribution CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.3697 y = 0.3636 / u' = 0.2232 v' = 0.4940 (duv=-3.00e-03)

CCT= 4217K Prcp WL: Ld=580.3nm Purity=20.0%

Peak WL: Lp=452nm FWHM: =21.5nm Ratio:R=19.4% G=76.3% B=4.3%

Render Index: Ra = 93.7 CRI = 90.5 AvgR = 90.8

R1 =95	R2 =96	R3 =93	R4 =94	R5 =93	R6 =91	R7 =96	
R8 =91	R9 =77	R10=88	R11=93	R12=69	R13=96	R14=96	R15=95

WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 1040.7 lm Eff. : 88.69 lm/W Fe = 3.6372 W

Flux of emitted photons(umol/s):17.389 Fluo. and blue light ratio:4.782 Fluorescent eff.:250.7

Electrical parameters

V = 120.1 V I = 0.09998 A P = 11.73 W PF = 0.9776 F=59.98 Hz

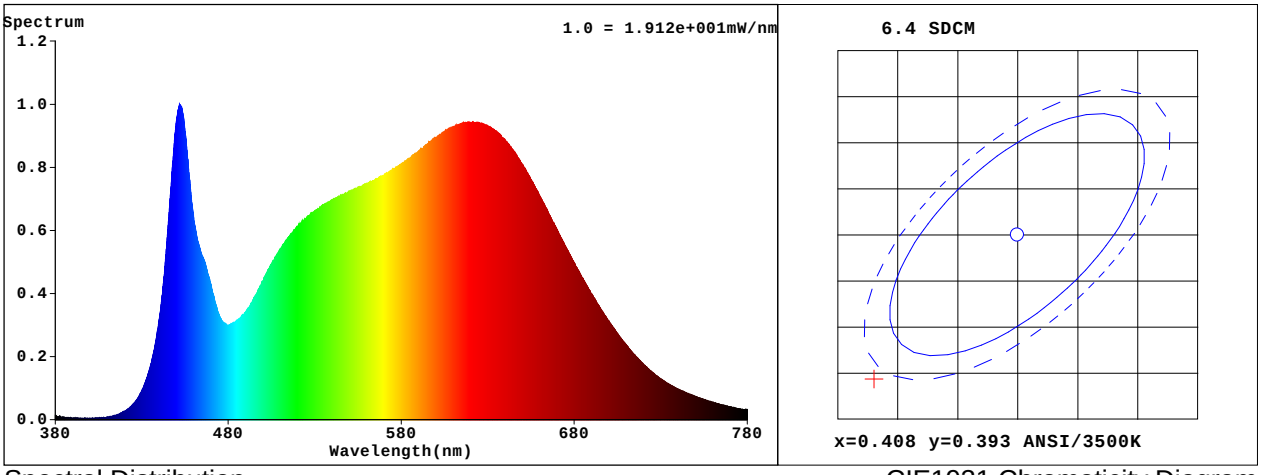
Spectrum Test Report

Sample	:	Date	: 2020-04-17 17:44:36
Specification	:	Sam. Status	:
Sample No.	: 6IN Baffle 5CCT 3500K	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:
		Assessor	: damin

Test Condition

Temprature	: 25.7Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52560 (80%)
Test Mode	: Fast Test	T	: 605 ms
		Sensitivity	: Low

Spectrum



Spectral Distribution CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.3958 y = 0.3774 / u' = 0.2350 v' = 0.5041 (duv=-3.83e-03)

CCT= 3607K Prcp WL: Ld=582.4nm Purity=32.0%

Peak WL: Lp=452nm FWHM: =22.8nm Ratio:R=21.6% G=74.6% B=3.7%

Render Index: Ra = 94.6 CRI = 91.9 AvgR = 92.1

R1 =96	R2 =97	R3 =96	R4 =95	R5 =95	R6 =94	R7 =95
R8 =89	R9 =75	R10=92	R11=94	R12=75	R13=97	R14=97	R15=95

WHITE:ANSI_3500K

Photometric & Radiometric Parameters

Flux = 1021.0 lm Eff. : 87.01 lm/W Fe = 3.5729 W

Flux of emitted photons(umol/s):17.335 Fluo. and blue light ratio:6.150 Fluorescent eff.:256.1

Electrical parameters

V = 120.0 V I = 0.09998 A P = 11.73 W PF = 0.9776 F=59.98 Hz

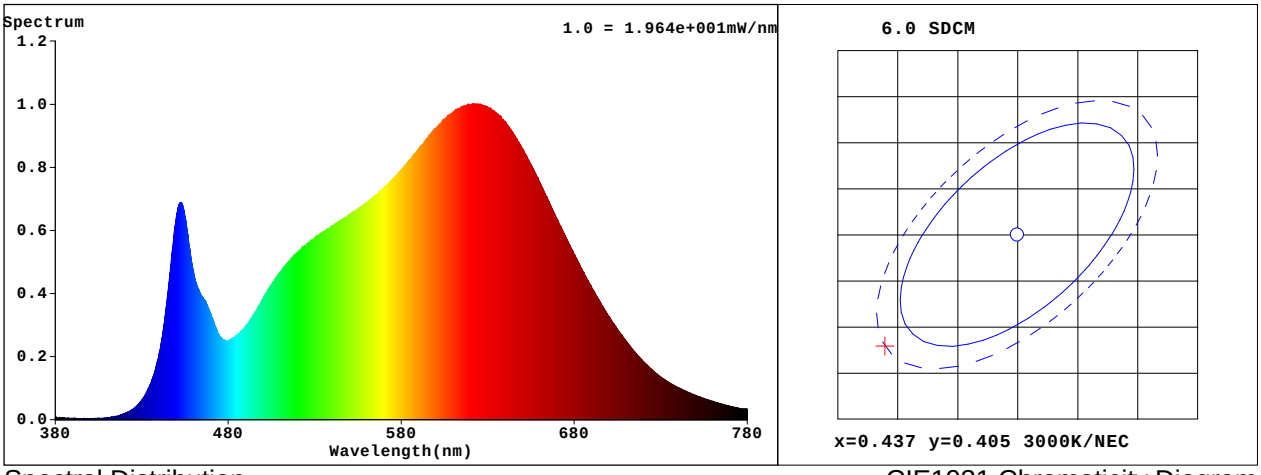
Spectrum Test Report

Sample	:	Date	: 2020-04-17 17:45:12
Specification	:	Sam. Status	:
Sample No.	: 6IN Baffle 5CCT 3000K	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:
		Assessor	: damin

Test Condition

Temprature	: 25.8Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 56921 (87%)
Test Mode	: Fast Test	T	: 605 ms
		Sensitivity	: Low

Spectrum



Spectral Distribution CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4259 y = 0.3929 / u' = 0.2482 v' = 0.5153 (duv=-2.93e-03)

CCT= 3101K Prcp WL: Ld=583.5nm Purity=45.8%

Peak WL: Lp=622nm FWHM: =167.4nm Ratio:R=24.0% G=72.8% B=3.1%

Render Index: Ra = 94.4 CRI = 92.1 AvgR = 92.2

R1 =96 R2 =98 R3 =98 R4 =95 R5 =95 R6 =96 R7 =93

R8 =86 R9 =69 R10=94 R11=95 R12=81 R13=97 R14=98 R15=93

WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 997.63 lm Eff. : 85.05 lm/W Fe = 3.5007 W

Flux of emitted photons(umol/s):17.251 Fluo. and blue light ratio:8.561 Fluorescent eff.:261.3

Electrical parameters

V = 120.0 V I = 0.09995 A P = 11.73 W PF = 0.9776 F=59.98 Hz

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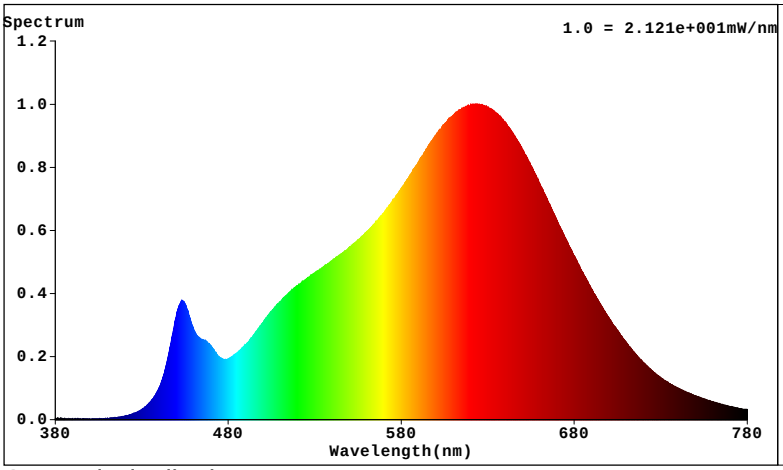
Spectrum Test Report

Sample	:	Date	: 2020-04-17 17:45:51
Specification	:	Sam. Status	:
Sample No.	: 6IN Baffle 5CCT 2700K	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:
		Assessor	: damin

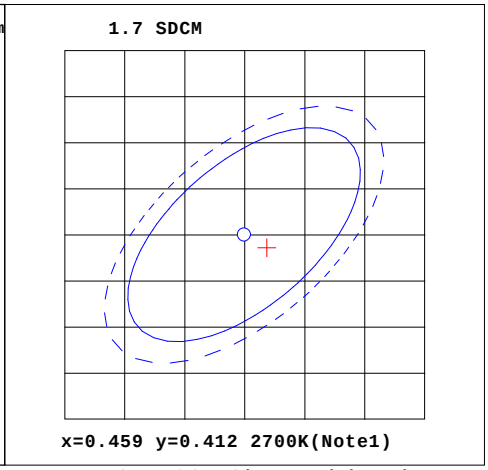
Test Condition

Temprature	: 25.8Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52656 (80%)
Test Mode	: Fast Test	T	: 520 ms
		Sensitivity	: Low

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4609 y = 0.4106 / u' = 0.2632 v' = 0.5275 (duv=-8.43e-05)

CCT= 2686K Prcp WL: Ld=584.3nm Purity=61.6%

Peak WL: Lp=623nm FWHM: =142.8nm Ratio:R=26.6% G=70.8% B=2.5%

Render Index: Ra = 93.2 CRI = 91.0 AvgR = 90.8

R1 =94	R2 =98	R3 =99	R4 =93	R5 =94	R6 =97	R7 =91	
R8 =80	R9 =58	R10=94	R11=95	R12=85	R13=95	R14=100	R15=89

WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 969.96 lm Eff. : 82.82 lm/W Fe = 3.4149 W

Flux of emitted photons(umol/s):17.101 Fluo. and blue light ratio:14.25 Fluorescent eff.:266.4

Electrical parameters

V = 120.1 V I = 0.09980 A P = 11.71 W PF = 0.9775 F=59.98 Hz

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