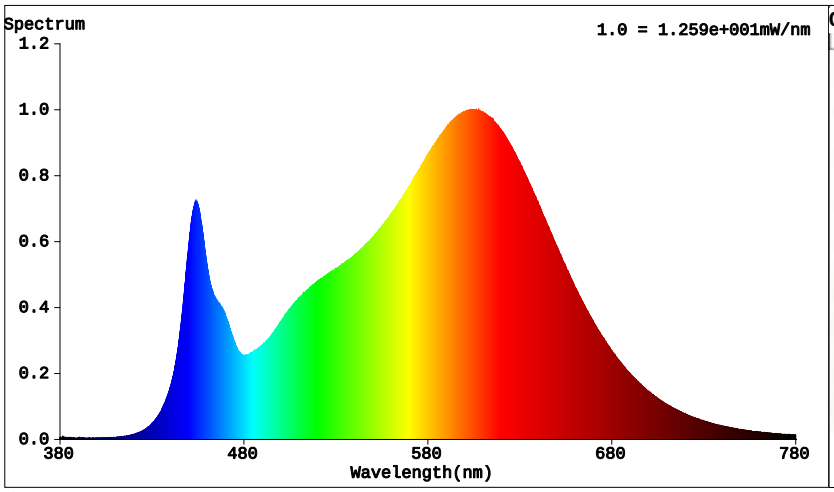
Spectrum Test Report

Sample	:	Date	: 2023-02-14 10:12:24
Specification	: MK5050-5050-4H1	Standardtus	:
Sample No.	: AL20594	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: EVERFINE	Test by	: DAMIN
Assessor	: damin		
Remark	:		

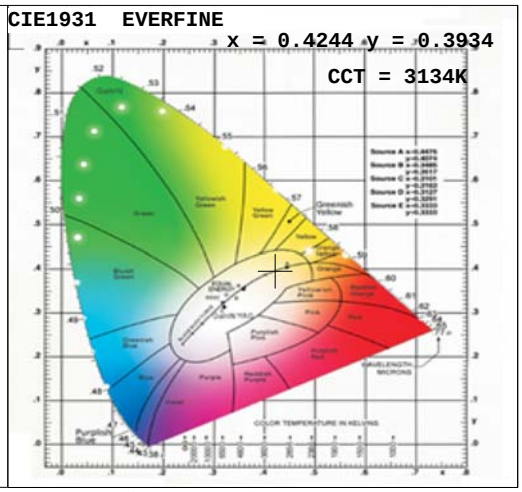
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 50634 (77%)
Test Mode	: Fast Test	T	: 1484 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4244 y = 0.3934 / u' = 0.2470 v' = 0.5152 (duv=-2.50e-03)

CCT= 3134K Prcp WL: Ld=583.3nm Purity=45.4%

Peak WL: Lp=603nm FWHM: =131.4nm Ratio:R=22.7% G=74.1% B=3.2%

Render Index: Ra = 85.0

R1 =85	R2 =95	R3 =94	R4 =82	R5 =85	R6 =93	R7 =82	
R8 =63	R9 =17	R10=88	R11=82	R12=74	R13=88	R14=98	R15=78

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 624.15 lm Eff. : 163.63 lm/W Fe = 1.9291 W

Photons1:9.299e+000 μmol/s(400~780nm) Photons2:3.211e-001 μmol/s(700~780nm)

Photosynthetic:PPF(400-700nm):8.9792μmol/s PRF(400-700nm):1875.2mW

Eff(PPF) (400-700nm):2.35μmol/s/W

Electrical parameters

V = 10.90 V I = 0.3501 A P = 3.814 W PF = 1.000 F=0.00 Hz

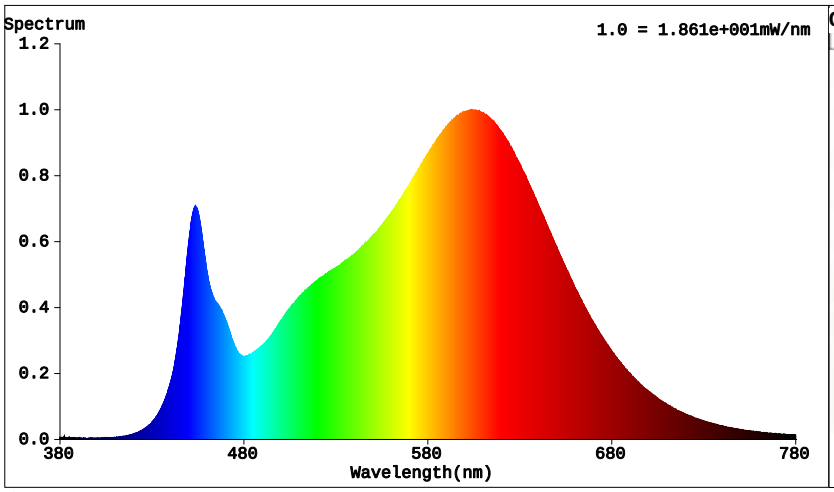
Spectrum Test Report

Sample	:	Date	: 2023-02-14 10:13:09
Specification	: MK5050-5050-4H1	Standardtus	:
Sample No.	: AL20594	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: EVERFINE	Test by	: DAMIN
Assessor	: damin		
Remark	:		

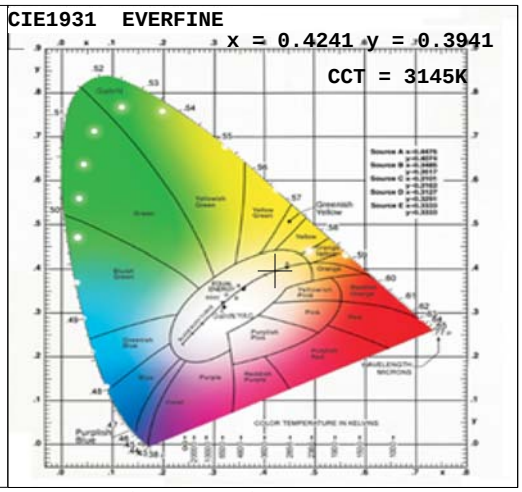
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52576 (80%)
Test Mode	: Fast Test	T	: 1045 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4241 y = 0.3941 / u' = 0.2465 v' = 0.5155 (duv=-2.16e-03)

CCT= 3145K Prcp WL: Ld=583.1nm Purity=45.6%

Peak WL: Lp=604nm FWHM: =132.2nm Ratio:R=22.6% G=74.3% B=3.2%

Render Index: Ra = 84.8

R1 =85	R2 =94	R3 =94	R4 =82	R5 =85	R6 =93	R7 =83	
R8 =62	R9 =16	R10=87	R11=82	R12=74	R13=87	R14=98	R15=78

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 925.33 lm Eff. : 156.00 lm/W Fe = 2.8523 W

Photons1:1.375e+001 μmol/s(400~780nm) Photons2:4.753e-001 μmol/s(700~780nm)

Photosynthetic:PPF(400-700nm):13.273μmol/s PRF(400-700nm):2772.5mW

Eff(PPF) (400-700nm):2.24μmol/s/W

Electrical parameters

V = 11.19 V I = 0.5300 A P = 5.932 W PF = 1.000 F=0.00 Hz

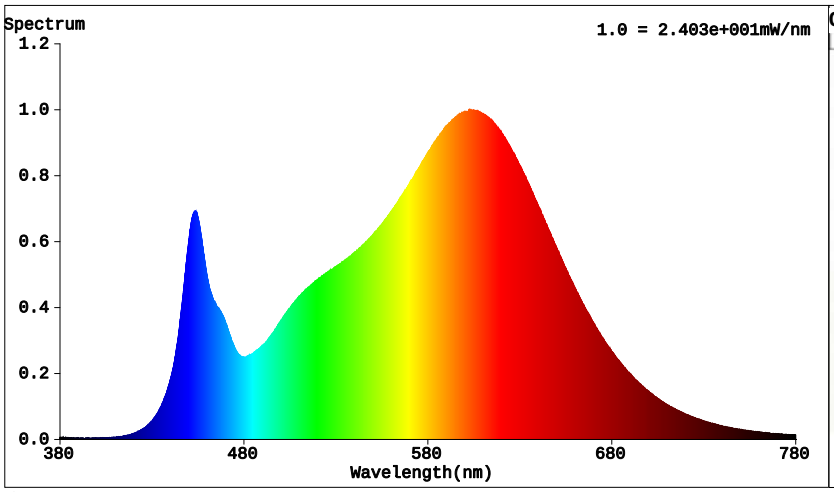
Spectrum Test Report

Sample	:	Date	: 2023-02-14 10:13:38
Specification	: MK5050-5050-4H1	Standardtus	:
Sample No.	: AL20594	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: EVERFINE	Test by	: DAMIN
Assessor	: damin		
Remark	:		

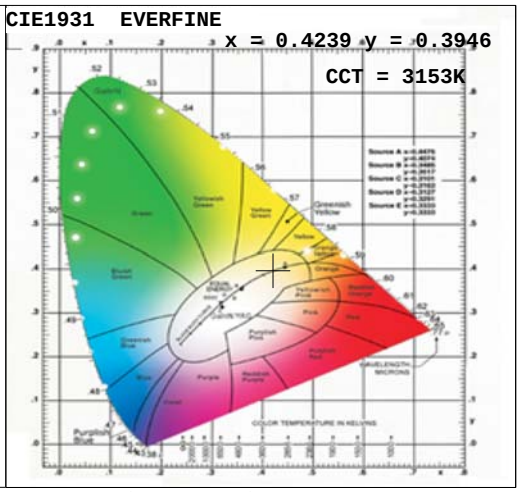
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52613 (80%)
Test Mode	: Fast Test	T	: 810 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4239 y = 0.3946 / u' = 0.2462 v' = 0.5156 (duv=-1.92e-03)

CCT= 3153K Prcp WL: Ld=582.9nm Purity=45.6%

Peak WL: Lp=603nm FWHM: =132.9nm Ratio:R=22.5% G=74.4% B=3.1%

Render Index: Ra = 84.6

R1 =84	R2 =94	R3 =95	R4 =82	R5 =85	R6 =92	R7 =83	
R8 =62	R9 =16	R10=86	R11=82	R12=74	R13=87	R14=98	R15=77

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 1197.6 lm Eff. : 149.39 lm/W Fe = 3.6853 W

Photons1:1.776e+001 μmol/s(400~780nm) Photons2:6.152e-001 μmol/s(700~780nm)

Photosynthetic:PPF(400-700nm):17.144μmol/s PRF(400-700nm):3582mW

Eff(PPF) (400-700nm):2.14μmol/s/W

Electrical parameters

V = 11.45 V I = 0.6999 A P = 8.017 W PF = 1.000 F=0.00 Hz

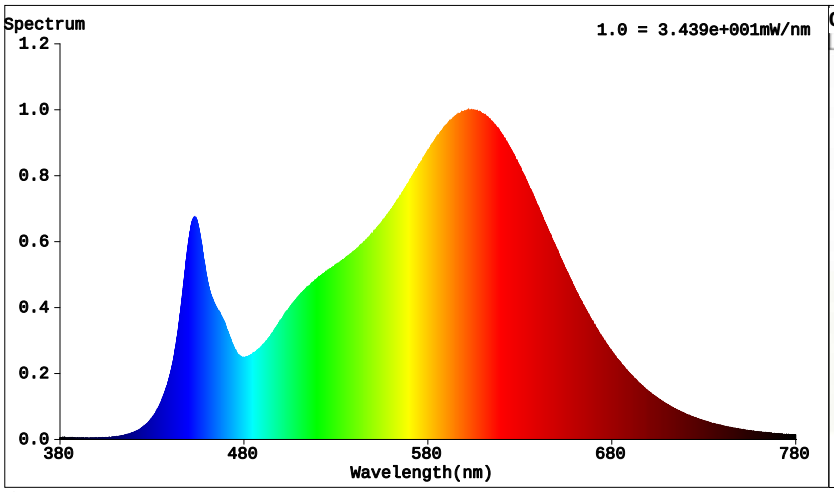
Spectrum Test Report

Sample	:	Date	: 2023-02-14 10:14:01
Specification	: MK5050-5050-4H1	Standardtus	:
Sample No.	: AL20594	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: EVERFINE	Test by	: DAMIN
Assessor	: damin		
Remark	:		

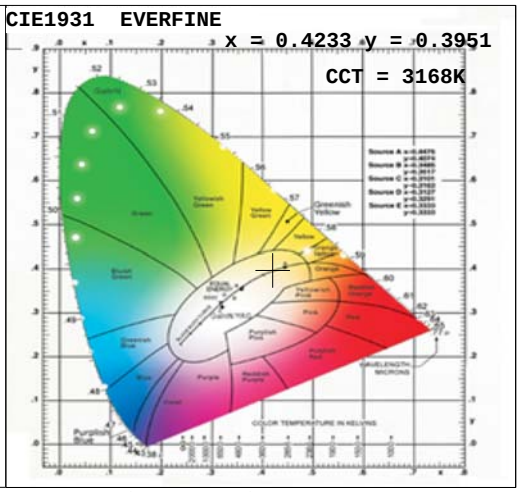
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52717 (80%)
Test Mode	: Fast Test	T	: 567 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4233 y = 0.3951 / u' = 0.2456 v' = 0.5157 (duv=-1.62e-03)

CCT= 3168K Prcp WL: Ld=582.8nm Purity=45.6%

Peak WL: Lp=604nm FWHM: =133.7nm Ratio:R=22.3% G=74.6% B=3.1%

Render Index: Ra = 84.4

R1 =84	R2 =94	R3 =95	R4 =82	R5 =84	R6 =92	R7 =83	
R8 =62	R9 =14	R10=85	R11=82	R12=73	R13=86	R14=98	R15=77

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 1722.5 lm Eff. : 137.19 lm/W Fe = 5.2876 W

Photons1:2.547e+001 μmol/s(400~780nm) Photons2:8.866e-001 μmol/s(700~780nm)

Photosynthetic:PPF(400-700nm):24.583μmol/s PRF(400-700nm):5138.7mW

Eff(PPF) (400-700nm):1.96μmol/s/W

Electrical parameters

V = 11.96 V I = 1.050 A P = 12.56 W PF = 1.000 F=0.00 Hz