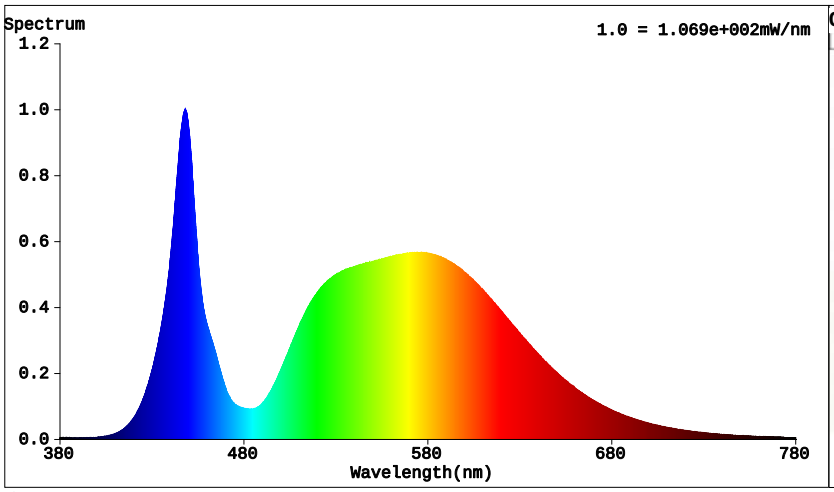
Spectrum Test Report

Sample	:	Date	: 2022-10-06 16:37:35
Specification	: MK5050-6H3-LUXEON5050-172X49MM	Standardtus	:
Sample No.	: AL20403	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: EVERFINE	Test by	: DAMIN
Assessor	: damin		
Remark	: ---		

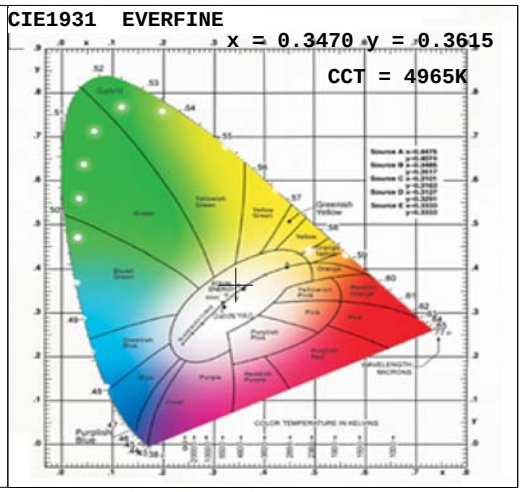
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 50831 (78%)
Test Mode	: Fast Test	T	: 324 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.3470 y = 0.3615 / u' = 0.2089 v' = 0.4897 (duv=4.16e-03)

CCT= 4965K Prcp WL: Ld=569.7nm Purity=12.6%

Peak WL: Lp=448nm FWHM: =16.8nm Ratio:R=14.2% G=82.9% B=2.9%

Render Index: Ra = 72.0

R1 =69	R2 =76	R3 =82	R4 =73	R5 =70	R6 =68	R7 =82	
R8 =57	R9 =0	R10=44	R11=70	R12=40	R13=70	R14=90	R15=63

LEVEL:OUT WHITE:ANSI_5000K

Photometric & Radiometric Parameters

Flux = 3650.9 lm Eff. : 164.51 lm/W Fe = 10.700 W

Photons1:4.895e+001 μmol/s(400~780nm) Photons2:9.717e-001 μmol/s(700~780nm)

Photosynthetic:PPF(400-700nm):47.982μmol/s PRF(400-700nm):10530mW

Eff(PPF) (400-700nm):2.16μmol/s/W

Electrical parameters

V = 44.38 V I = 0.5001 A P = 22.19 W PF = 1.000 F=0.00 Hz

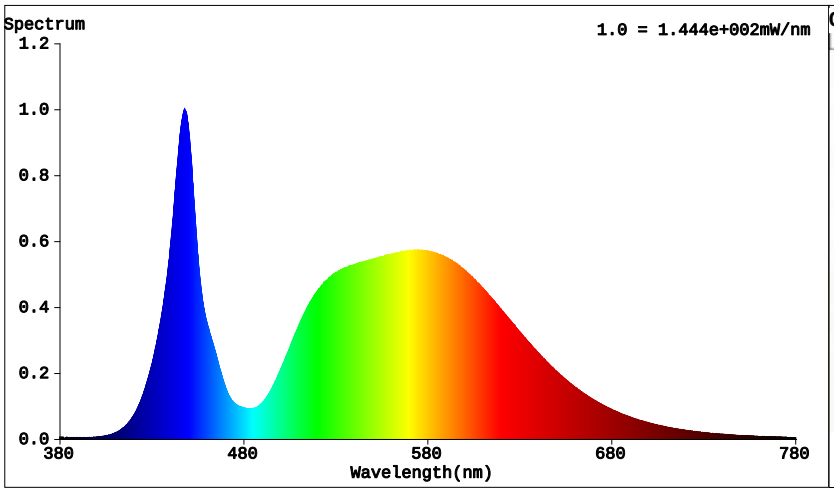
Spectrum Test Report

Sample	:	Date	: 2022-10-06 16:38:11
Specification	: MK5050-6H3-LUXEON5050-172X49MM	Standardtus	:
Sample No.	: AL20403	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: EVERFINE	Test by	: DAMIN
Assessor	: damin		
Remark	: ---		

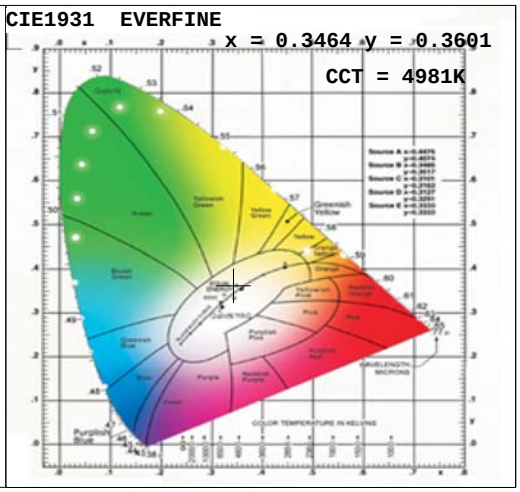
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52487 (80%)
Test Mode	: Fast Test	T	: 245 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.3464 y = 0.3601 / u' = 0.2090 v' = 0.4889 (duv=3.68e-03)

CCT= 4981K Prcp WL: Ld=569.8nm Purity=12.0%

Peak WL: Lp=448nm FWHM: =17.5nm Ratio:R=14.2% G=82.9% B=2.9%

Render Index: Ra = 72.0

R1 =69	R2 =76	R3 =82	R4 =73	R5 =70	R6 =68	R7 =82	
R8 =57	R9 =0	R10=44	R11=70	R12=40	R13=70	R14=90	R15=63

LEVEL:OUT WHITE:ANSI_5000K

Photometric & Radiometric Parameters

Flux = 4987.1 lm Eff. : 157.26 lm/W Fe = 14.676 W

Photons1:6.709e+001 μmol/s(400~780nm) Photons2:1.344e+000 μmol/s(700~780nm)

Photosynthetic:PPF(400-700nm):65.752μmol/s PRF(400-700nm):14440mW

Eff(PPF) (400-700nm):2.07μmol/s/W

Electrical parameters

V = 45.29 V I = 0.7002 A P = 31.71 W PF = 1.000 F=0.00 Hz

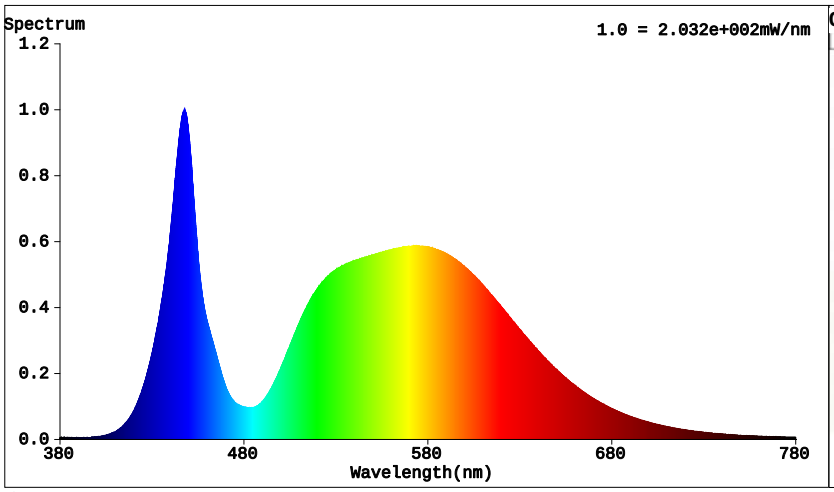
Spectrum Test Report

Sample	:	Date	: 2022-10-06 16:38:42
Specification	: MK5050-6H3-LUXEON5050-172X49MM	Standardtus	:
Sample No.	: AL20403	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: EVERFINE	Test by	: DAMIN
Assessor	: damin		
Remark	: ---		

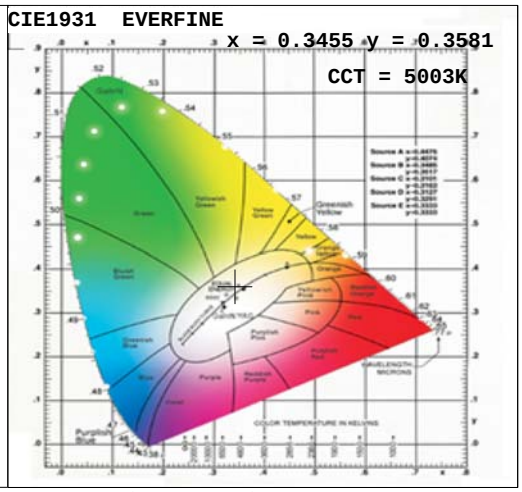
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52706 (80%)
Test Mode	: Fast Test	T	: 171 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.3455 y = 0.3581 / u' = 0.2092 v' = 0.4879 (duv=3.04e-03)

CCT= 5003K Prcp WL: Ld=569.9nm Purity=11.1%

Peak WL: Lp=448nm FWHM: =18.7nm Ratio:R=14.2% G=82.8% B=2.9%

Render Index: Ra = 71.8

R1 =70	R2 =76	R3 =81	R4 =73	R5 =71	R6 =68	R7 =80	
R8 =56	R9 =0	R10=43	R11=71	R12=45	R13=70	R14=89	R15=63

LEVEL:OUT WHITE:ANSI_5000K

Photometric & Radiometric Parameters

Flux = 7171.6 lm Eff. : 146.06 lm/W Fe = 21.233 W

Photons1:9.697e+001 μmol/s(400~780nm) Photons2:1.971e+000 μmol/s(700~780nm)

Photosynthetic:PPF(400-700nm):95.006μmol/s PRF(400-700nm):20886mW

Eff(PPF) (400-700nm):1.93μmol/s/W

Electrical parameters

V = 46.77 V I = 1.050 A P = 49.10 W PF = 1.000 F=0.00 Hz