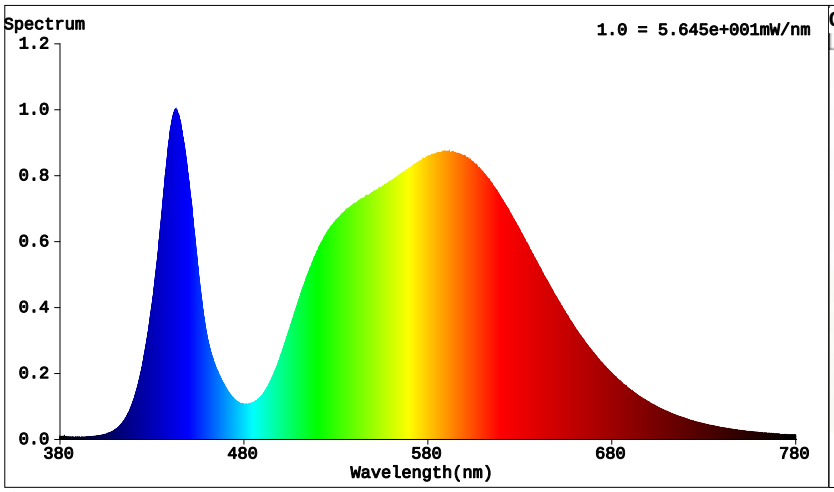
Spectrum Test Report

Sample	:	Date	: 2023-02-18 10:18:50
Specification	: DK5050-16H-3535-16D	Standardtus	:
Sample No.	: AL17516	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: EVERFINE	Test by	: DAMIN
Assessor	: damin		
Remark	:		

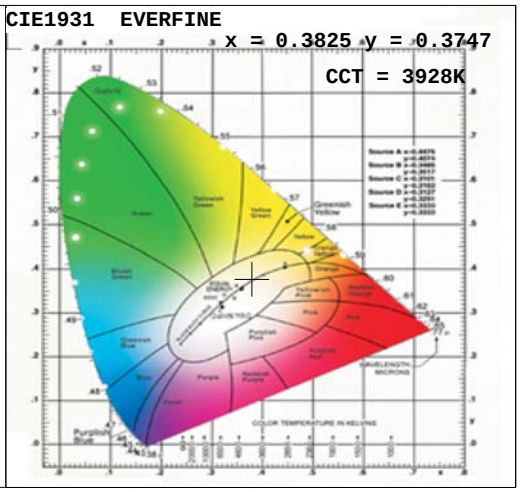
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52698 (80%)
Test Mode	: Fast Test	T	: 406 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.3825 y = 0.3747 / u' = 0.2273 v' = 0.5010 (duv=-1.56e-03)

CCT= 3928K Prcp WL: Ld=580.2nm Purity=27.2%

Peak WL: Lp=443nm FWHM: =23.4nm Ratio:R=17.8% G=80.0% B=2.2%

Render Index: Ra = 75.1

R1 =75	R2 =80	R3 =83	R4 =76	R5 =74	R6 =72	R7 =81	
R8 =60	R9 =0	R10=51	R11=74	R12=49	R13=75	R14=90	R15=69

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 2838.2 lm Eff. : 143.16 lm/W Fe = 8.4964 W

Photons1:3.981e+001 μmol/s(400~780nm) Photons2:1.200e+000 μmol/s(700~780nm)

Photosynthetic:PPF(400-700nm):38.617μmol/s PRF(400-700nm):8291mW

Eff(PPF) (400-700nm):1.95μmol/s/W

Electrical parameters

V = 46.76 V I = 0.4240 A P = 19.83 W PF = 1.000 F=0.00 Hz

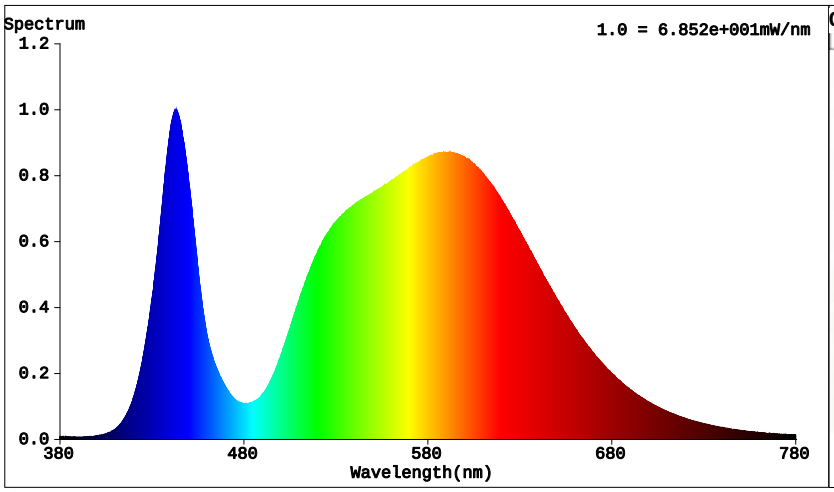
Spectrum Test Report

Sample	:	Date	: 2023-02-18 10:19:43
Specification	: DK5050-16H-3535-16D	Standardtus	:
Sample No.	: AL15716	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: EVERFINE	Test by	: DAMIN
Assessor	: damin		
Remark	:		

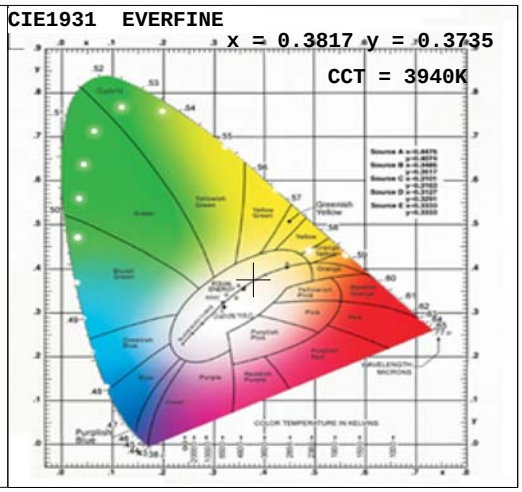
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52488 (80%)
Test Mode	: Fast Test	T	: 334 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.3817 y = 0.3735 / u' = 0.2273 v' = 0.5003 (duv=-1.90e-03)

CCT= 3940K Prcp WL: Ld=580.4nm Purity=26.7%

Peak WL: Lp=443nm FWHM: =23.8nm Ratio:R=17.8% G=80.0% B=2.2%

Render Index: Ra = 75.1

R1 =74	R2 =80	R3 =83	R4 =76	R5 =74	R6 =72	R7 =81	
R8 =60	R9 =0	R10=51	R11=74	R12=50	R13=75	R14=90	R15=69

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 3437.1 lm Eff. : 137.03 lm/W Fe = 10.320 W

Photons1:4.833e+001 μmol/s(400~780nm) Photons2:1.470e+000 μmol/s(700~780nm)

Photosynthetic:PPF(400-700nm):46.862μmol/s PRF(400-700nm):10068mW

Eff(PPF) (400-700nm):1.87μmol/s/W

Electrical parameters

V = 47.33 V I = 0.5300 A P = 25.08 W PF = 1.000 F=0.00 Hz

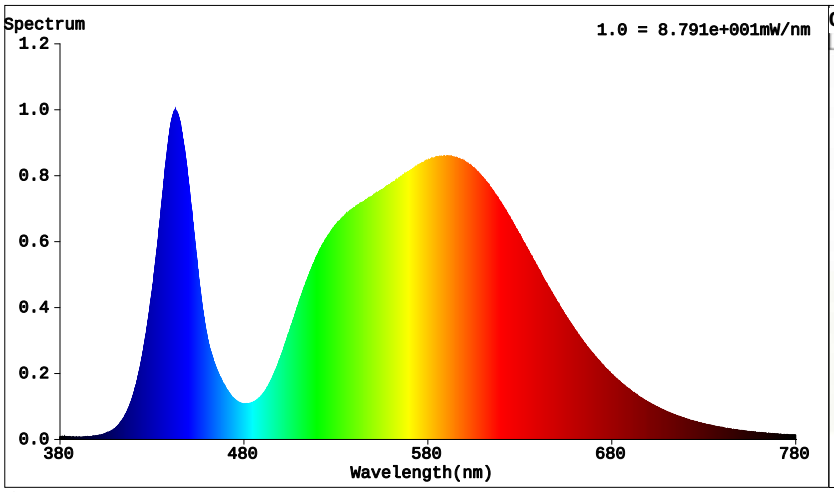
Spectrum Test Report

Sample	:	Date	: 2023-02-18 10:21:44
Specification	: DK5050-16H-3535-16D	Standardtus	:
Sample No.	: AL15716	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: EVERFINE	Test by	: DAMIN
Assessor	: damin		
Remark	:		

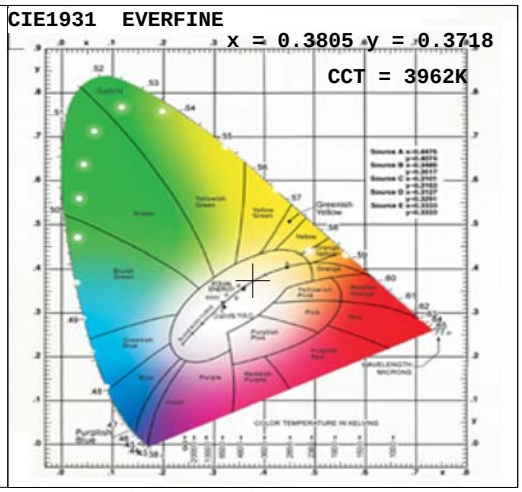
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52266 (80%)
Test Mode	: Fast Test	T	: 263 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.3805 y = 0.3718 / u' = 0.2271 v' = 0.4994 (duv=-2.34e-03)

CCT= 3962K Prcp WL: Ld=580.6nm Purity=25.8%

Peak WL: Lp=443nm FWHM: =24.1nm Ratio:R=17.7% G=80.0% B=2.2%

Render Index: Ra = 74.9

R1 =74	R2 =80	R3 =83	R4 =76	R5 =74	R6 =71	R7 =81	
R8 =60	R9 =0	R10=51	R11=74	R12=50	R13=74	R14=90	R15=69

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 4354.7 lm Eff. : 128.77 lm/W Fe = 13.123 W

Photons1:6.139e+001 μmol/s(400~780nm) Photons2:1.877e+000 μmol/s(700~780nm)

Photosynthetic:PPF(400-700nm):59.518μmol/s PRF(400-700nm):12801mW

Eff(PPF) (400-700nm):1.76μmol/s/W

Electrical parameters

V = 48.28 V I = 0.7004 A P = 33.82 W PF = 1.000 F=0.00 Hz

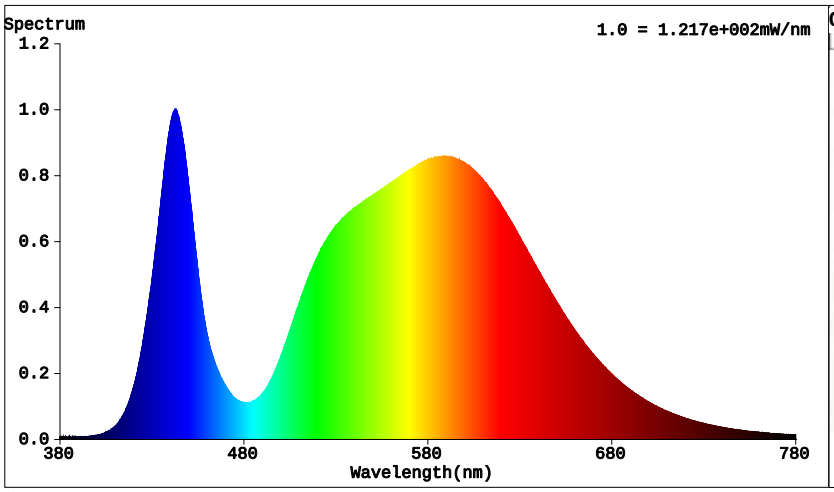
Spectrum Test Report

Sample	:	Date	: 2023-02-18 10:22:00
Specification	: DK5050-16H-3535-16D	Standardtus	:
Sample No.	: AL15716	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: EVERFINE	Test by	: DAMIN
Assessor	: damin		
Remark	:		

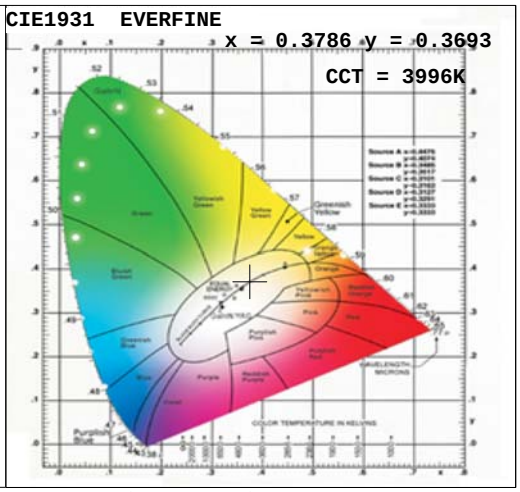
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52636 (80%)
Test Mode	: Fast Test	T	: 192 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.3786 y = 0.3693 / u' = 0.2269 v' = 0.4980 (duv=-2.98e-03)

CCT= 3996K Prcp WL: Ld=580.9nm Purity=24.4%

Peak WL: Lp=443nm FWHM: =25.0nm Ratio:R=17.6% G=80.1% B=2.3%

Render Index: Ra = 74.8

R1 =74	R2 =79	R3 =83	R4 =76	R5 =74	R6 =71	R7 =81	
R8 =60	R9 =0	R10=50	R11=74	R12=50	R13=74	R14=90	R15=69

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 6017.1 lm Eff. : 114.84 lm/W Fe = 18.244 W

Photons1:8.521e+001 μmol/s(400~780nm) Photons2:2.652e+000 μmol/s(700~780nm)

Photosynthetic:PPF(400-700nm):82.568μmol/s PRF(400-700nm):17788mW

Eff(PPF) (400-700nm):1.58μmol/s/W

Electrical parameters

V = 49.91 V I = 1.050 A P = 52.40 W PF = 1.000 F=0.00 Hz

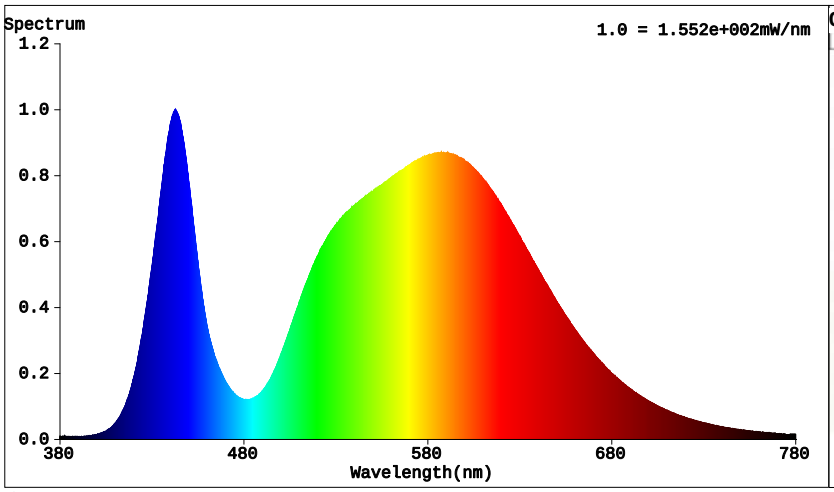
Spectrum Test Report

Sample	:	Date	: 2023-02-18 10:22:15
Specification	: DK5050-16H-3535-16D	Standardtus	:
Sample No.	: AL15716	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: EVERFINE	Test by	: DAMIN
Assessor	: damin		
Remark	:		

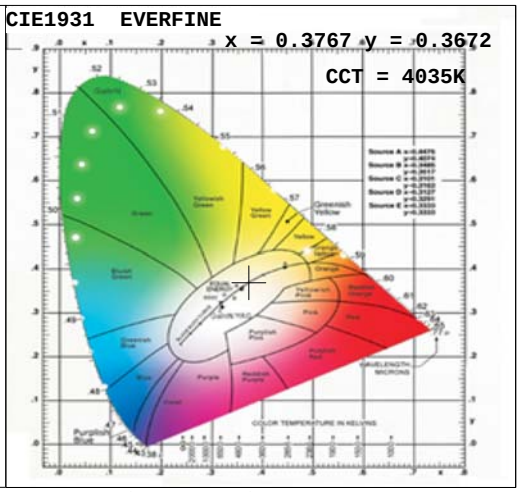
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52231 (80%)
Test Mode	: Fast Test	T	: 148 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.3767 y = 0.3672 / u' = 0.2265 v' = 0.4967 (duv=-3.45e-03)

CCT= 4035K Prcp WL: Ld=581.1nm Purity=23.2%

Peak WL: Lp=443nm FWHM: =26.5nm Ratio:R=17.5% G=80.2% B=2.4%

Render Index: Ra = 74.7

R1 =74	R2 =79	R3 =83	R4 =76	R5 =74	R6 =71	R7 =81	
R8 =60	R9 =0	R10=50	R11=73	R12=50	R13=74	R14=90	R15=69

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 7772.6 lm Eff. : 100.41 lm/W Fe = 23.713 W

Photons1:1.106e+002 μmol/s(400~780nm) Photons2:3.519e+000 μmol/s(700~780nm)

Photosynthetic:PPF(400-700nm):107.07μmol/s PRF(400-700nm):23106mW

Eff(PPF) (400-700nm):1.38μmol/s/W

Electrical parameters

V = 51.60 V I = 1.500 A P = 77.41 W PF = 1.000 F=0.00 Hz