

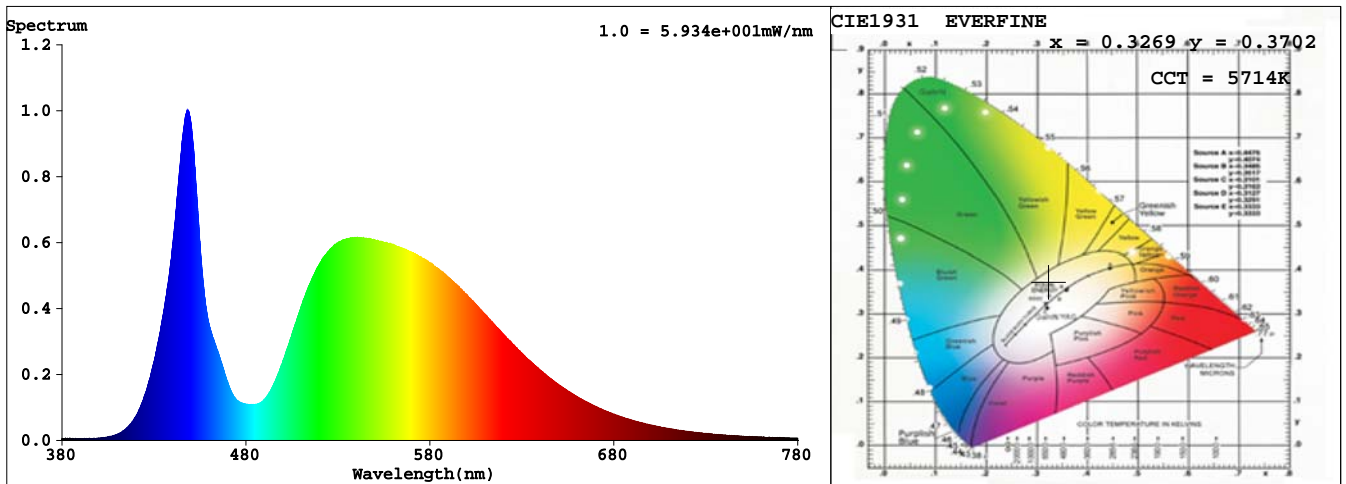
Spectrum Test Report

Sample	:	Date	:	2023-03-17 14:47:35
Specification	:	Standardtus	:	
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	DAMIN
Assessor	:			
Remark	:			

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	51919 (79%)
Test Mode	:	Fast Test	T	:	592 ms
Sensitivity	:	Low			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3269$ $y = 0.3702$ / $u' = 0.1926$ $v' = 0.4908$ ($duv=1.66e-02$) $Du, Dv: -0.0126, 0.0107$

CCT= 5714K Prcp WL: $L_d=545.0nm$ Purity=9.4%

Peak WL: $L_p=448nm$ FWHM: $=18.2nm$ Ratio: R=11.5% G=85.5% B=3.0%

Render Index: $R_a = 67.2$

R1 =61 R2 =70 R3 =80 R4 =68 R5 =64 R6 =63 R7 =80
 R8 =52 R9 =0 R10=33 R11=64 R12=35 R13=62 R14=89 R15=53

Photometric & Radiometric Parameters

Flux = 2108.1 lm Eff. : 185.47 lm/W $F_e = 6.0282 W$

Electrical parameters

$V = 32.47 V$ $I = 0.3501 A$ $P = 11.37 W$ PF = 1.000 F=0.00 Hz

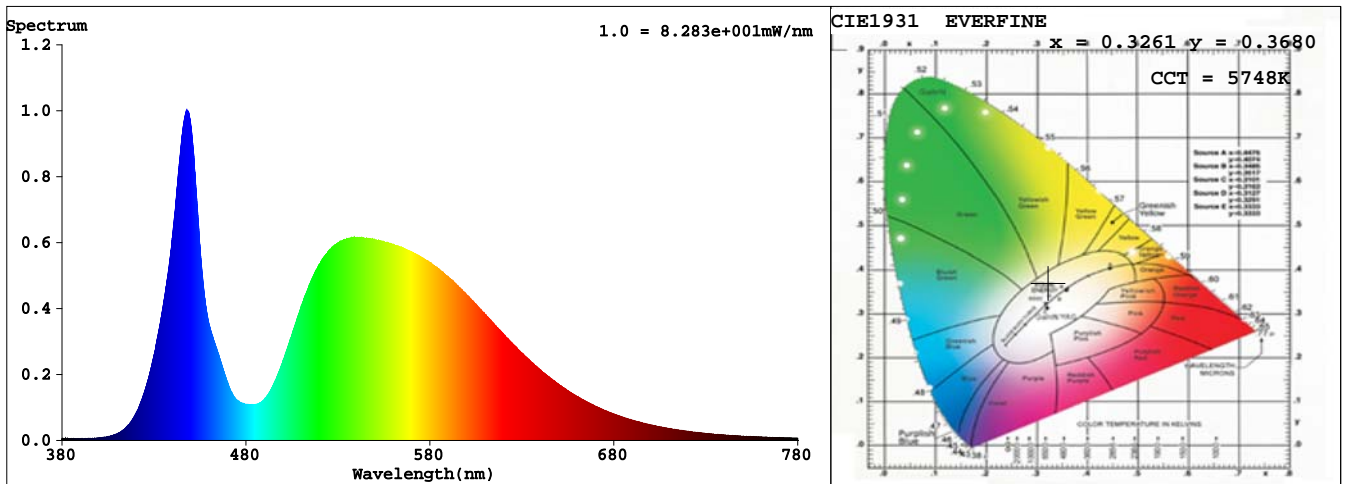
Spectrum Test Report

Sample	:	Date	:	2023-03-17 14:47:54
Specification	:	Standardtus	:	
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	DAMIN
Assessor	:			
Remark	:			

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	52736 (80%)
Test Mode	:	Fast Test	T	:	430 ms
Sensitivity	:	Low			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3261, y = 0.3680 / u' = 0.1928, v' = 0.4897$ ($duv=1.59e-02$) $Du, Dv: -0.0122, 0.0102$
 CCT= 5748K Prcp WL: $Ld=542.6nm$ Purity=8.5%
 Peak WL: $Lp=448nm$ FWHM: $=18.8nm$ Ratio: R=11.5% G=85.4% B=3.0%

Render Index: $Ra = 67.2$

R1 =62 R2 =70 R3 =79 R4 =68 R5 =64 R6 =63 R7 =80
 R8 =52 R9 =0 R10=32 R11=65 R12=36 R13=62 R14=88 R15=54

Photometric & Radiometric Parameters

Flux = 2944.4 lm Eff. : 178.33 lm/W Fe = 8.4648 W

Electrical parameters

V = 33.02 V I = 0.5000 A P = 16.51 W PF = 1.000 F=0.00 Hz

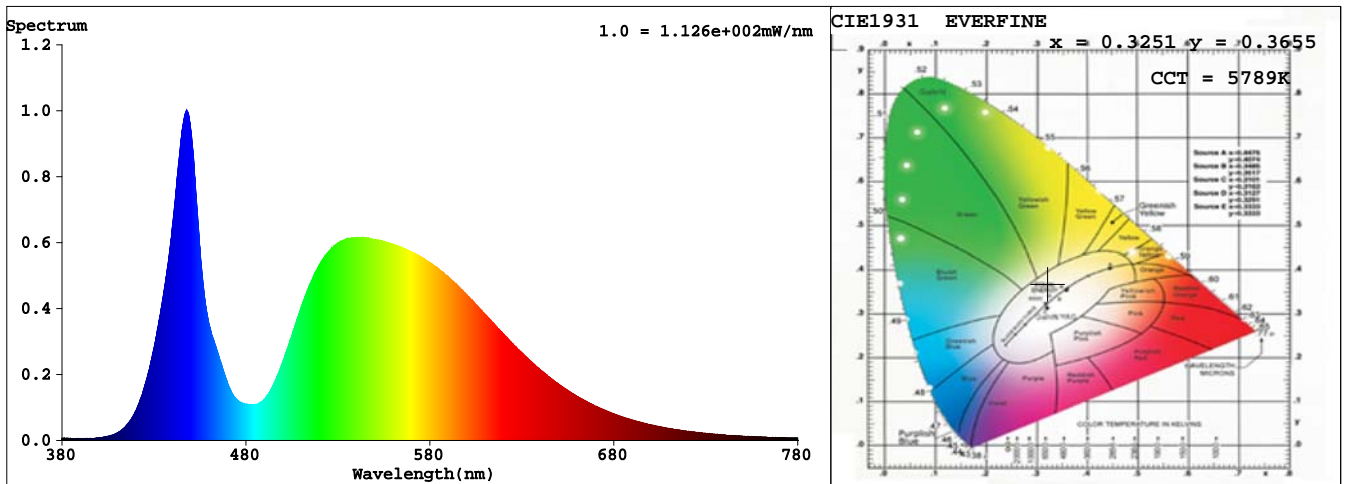
Spectrum Test Report

Sample	:		Date	:	2023-03-17 14:48:09
Specification	:	DK5050-2X6-3535	Standardtus	:	
Sample No.	:	AL15549	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	DAMIN
Assessor	:	damin			
Remark	:				

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	52623 (80%)
Test Mode	:	Fast Test	T	:	315 ms
Sensitivity	:	Low			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3251$ $y = 0.3655$ / $u' = 0.1931$ $v' = 0.4884$ ($duv=1.52e-02$) $Du, Dv: -0.0116, 0.0097$

CCT= 5789K Prcp WL: $L_d=539.4nm$ Purity=7.6%

Peak WL: $L_p=448nm$ FWHM: =19.6nm Ratio:R=11.5% G=85.4% B=3.1%

Render Index: $R_a = 67.3$

R1 =62 R2 =70 R3 =79 R4 =68 R5 =65 R6 =63 R7 =79

R8 =52 R9 =0 R10=32 R11=65 R12=37 R13=63 R14=88 R15=54

Photometric & Radiometric Parameters

Flux = 4004.0 lm Eff. : 169.77 lm/W $F_e = 11.584 W$

Electrical parameters

V = 33.69 V I = 0.7000 A P = 23.58 W PF = 1.000 F=0.00 Hz

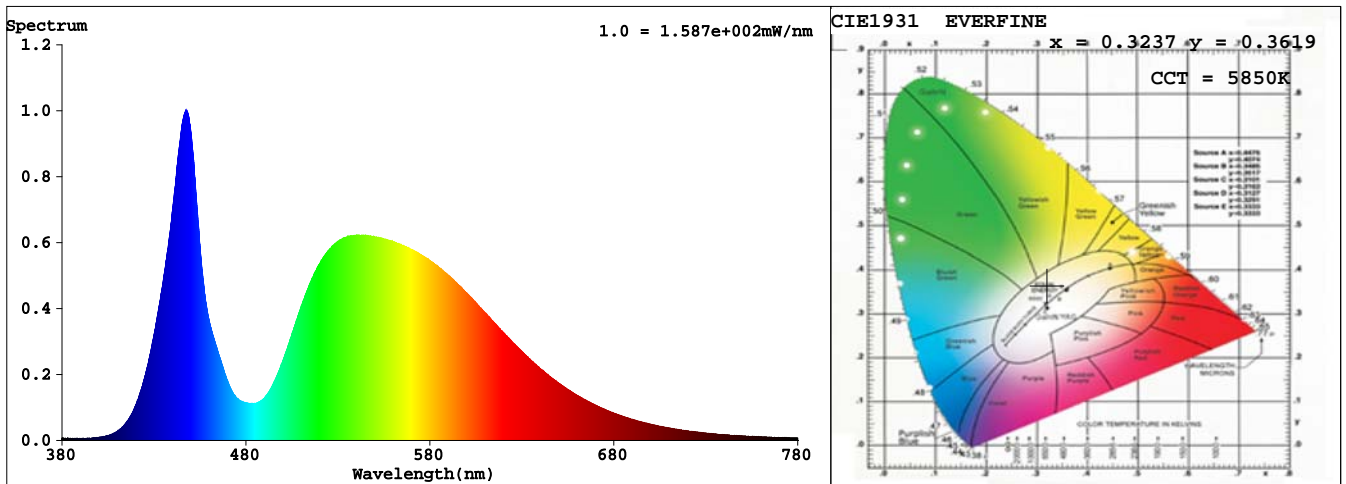
Spectrum Test Report

Sample	:		Date	:	2023-03-17 14:48:28
Specification	:	DK5050-2X6-3535	Standardtus	:	
Sample No.	:	AL15549	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	DAMIN
Assessor	:	damin			
Remark	:				

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	52737 (80%)
Test Mode	:	Fast Test	T	:	221 ms
Sensitivity	:	Low			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3237$ $y = 0.3619$ / $u' = 0.1934$ $v' = 0.4865$ ($duv=1.41e-02$) $Du, Dv: -0.0109, 0.0090$

CCT= 5850K Prcp WL: $L_d=533.2nm$ Purity=6.2%

Peak WL: $L_p=447nm$ FWHM: $\approx 21.1nm$ Ratio: R=11.5% G=85.4% B=3.1%

Render Index: $R_a = 67.5$

R1 =62 R2 =70 R3 =78 R4 =68 R5 =65 R6 =63 R7 =79

R8 =53 R9 =0 R10=32 R11=65 R12=38 R13=63 R14=88 R15=55

Photometric & Radiometric Parameters

Flux = 5707.2 lm Eff. : 156.58 lm/W $F_e = 16.675 W$

Electrical parameters

V = 34.72 V I = 1.050 A P = 36.45 W PF = 1.000 F=0.00 Hz

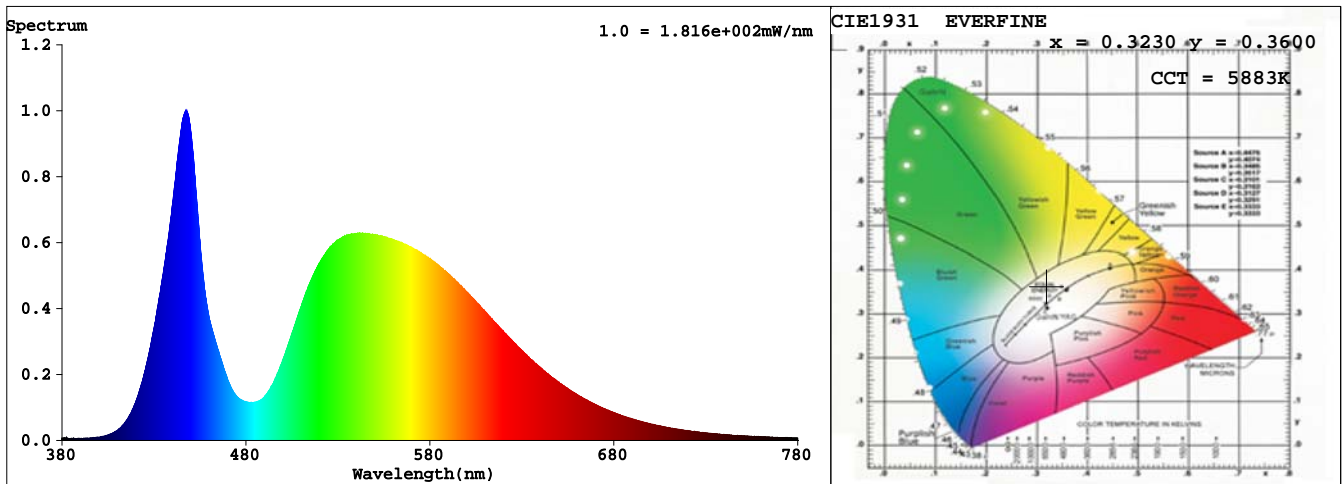
Spectrum Test Report

Sample	:		Date	:	2023-03-17 14:48:43
Specification	:	DK5050-2X6-3535	Standardtus	:	
Sample No.	:	AL15549	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	DAMIN
Assessor	:	damin			
Remark	:				

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	52642 (80%)
Test Mode	:	Fast Test	T	:	191 ms
Sensitivity	:	Low			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3230$ $y = 0.3600$ / $u' = 0.1936$ $v' = 0.4855$ ($duv=1.35e-02$) $Du, Dv: -0.0105, 0.0086$

CCT= 5883K Prcp WL: $L_d=529.3nm$ Purity=5.6%

Peak WL: $L_p=447nm$ FWHM: $\approx 22.0nm$ Ratio: R=11.6% G=85.3% B=3.1%

Render Index: $R_a = 67.6$

R1 =63 R2 =71 R3 =78 R4 =69 R5 =65 R6 =63 R7 =79

R8 =54 R9 =0 R10=32 R11=66 R12=38 R13=63 R14=88 R15=55

Photometric & Radiometric Parameters

Flux = 6592.7 lm Eff. : 149.66 lm/W $F_e = 19.367 W$

Electrical parameters

V = 35.25 V I = 1.250 A P = 44.05 W PF = 1.000 F=0.00 Hz

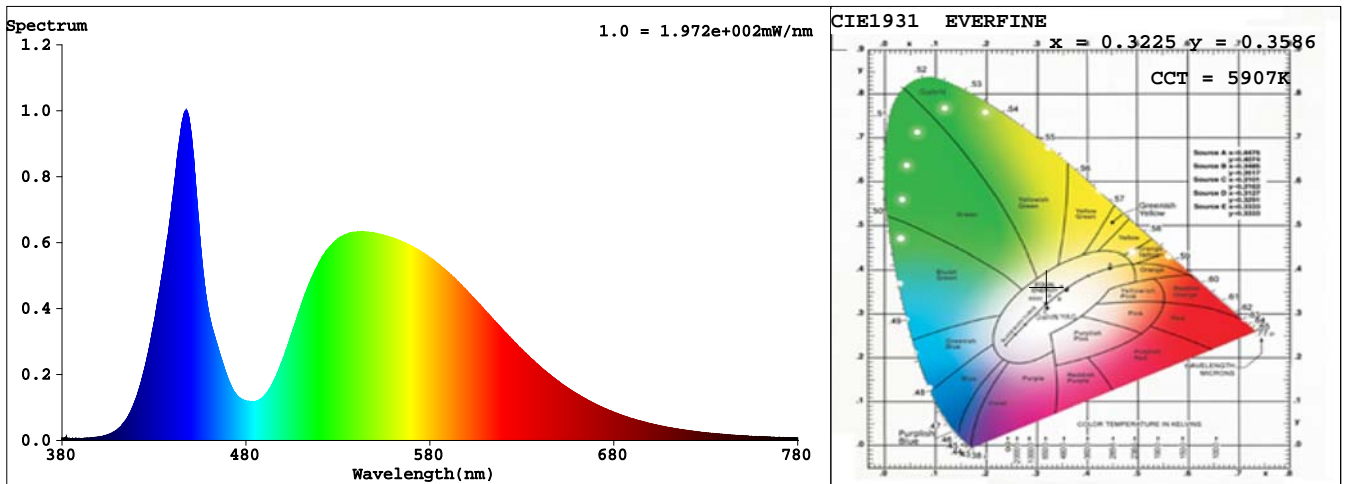
Spectrum Test Report

Sample	:		Date	:	2023-03-17 14:48:51
Specification	:	DK5050-2X6-3535	Standardtus	:	
Sample No.	:	AL15549	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	DAMIN
Assessor	:	damin			
Remark	:				

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	57623 (88%)
Test Mode	:	Fast Test	T	:	191 ms
Sensitivity	:	Low			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3225$ $y = 0.3586$ / $u' = 0.1937$ $v' = 0.4847$ ($duv=1.31e-02$) $Du, Dv: -0.0102, 0.0083$

CCT= 5907K Prcp WL: $L_d=526.1nm$ Purity=5.2%

Peak WL: $L_p=448nm$ FWHM: $=22.6nm$ Ratio: R=11.6% G=85.3% B=3.2%

Render Index: $R_a = 67.8$

R1 =63 R2 =71 R3 =78 R4 =69 R5 =66 R6 =63 R7 =79

R8 =54 R9 =0 R10=32 R11=66 R12=39 R13=64 R14=88 R15=56

Photometric & Radiometric Parameters

Flux = 7210.2 lm Eff. : 144.55 lm/W $F_e = 21.272 W$

Electrical parameters

V = 35.64 V I = 1.400 A P = 49.88 W PF = 1.000 F=0.00 Hz

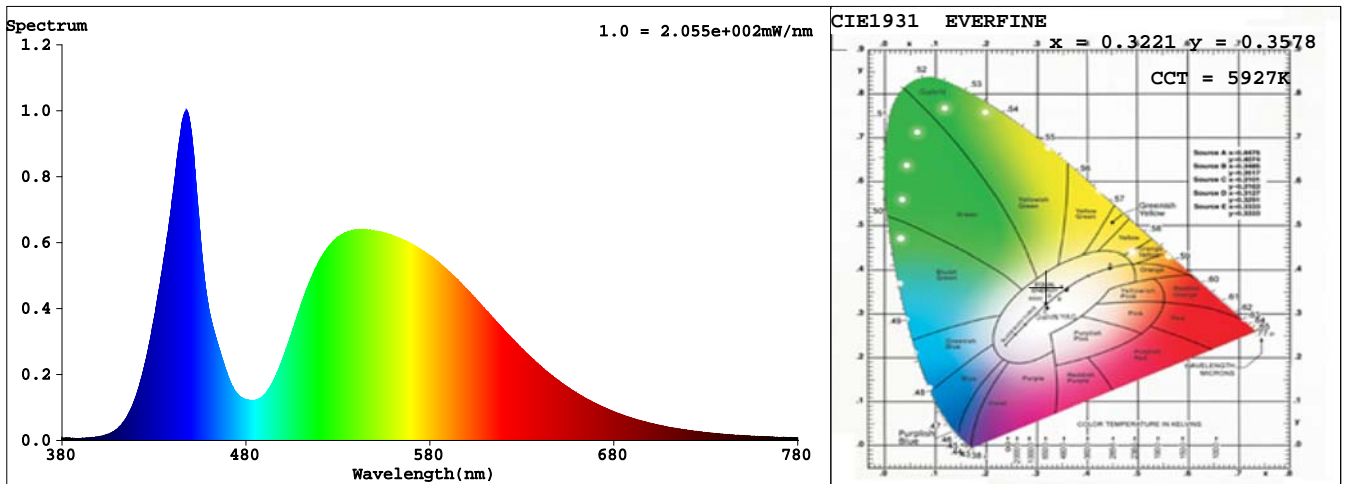
Spectrum Test Report

Sample	:	Date	: 2023-03-17 14:49:13
Specification	:	Standardtus	:
Sample No.	:	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: DAMIN
Assessor	: damin		
Remark	:		

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52741 (80%)
Test Mode	: Fast Test	T	: 166 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3221$ $y = 0.3578$ / $u' = 0.1937$ $v' = 0.4843$ ($duv=1.29e-02$) $Du, Dv: -0.0100, 0.0081$

CCT= 5927K Prcp WL: $L_d=524.0nm$ Purity=4.9%

Peak WL: $L_p=448nm$ FWHM: $=23.3nm$ Ratio: R=11.6% G=85.2% B=3.2%

Render Index: $R_a = 67.9$

R1 =63	R2 =71	R3 =78	R4 =69	R5 =66	R6 =63	R7 =79	
R8 =54	R9 =0	R10=33	R11=66	R12=39	R13=64	R14=88	R15=56

Photometric & Radiometric Parameters

Flux = 7589.3 lm Eff. : 141.14 lm/W $F_e = 22.447 W$

Electrical parameters

$V = 35.86 V$ $I = 1.500 A$ $P = 53.77 W$ PF = 1.000 F=0.00 Hz