

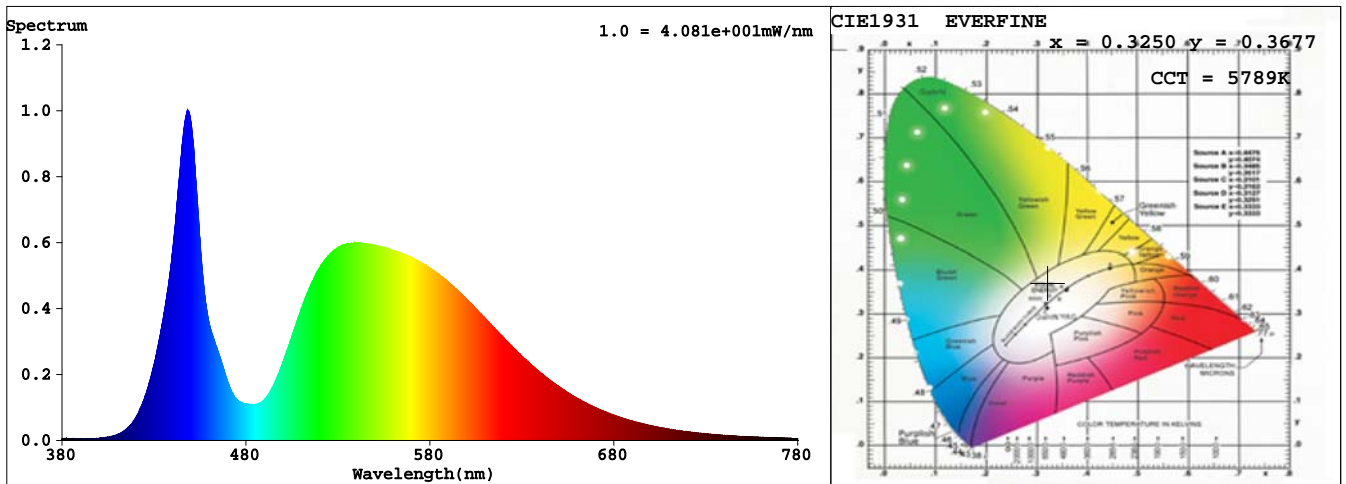
Spectrum Test Report

Sample	:	Date	:	2023-03-17 14:41:38
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	:	52330 (80%)
Test Mode	:	Fast Test	T	:	892 ms
Sensitivity	:	Low			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3250, y = 0.3677 / u' = 0.1922, v' = 0.4894$ ($duv=1.62e-02$) $Du, Dv: -0.0125, 0.0104$

CCT= 5789K Prcp WL: $Ld=540.3nm$ Purity=8.2%

Peak WL: $Lp=448nm$ FWHM: $=18.1nm$ Ratio: R=11.4% G=85.4% B=3.1%

Render Index: $Ra = 67.4$

R1 =62 R2 =71 R3 =80 R4 =68 R5 =64 R6 =63 R7 =80

R8 =52 R9 =0 R10=33 R11=64 R12=36 R13=63 R14=89 R15=54

Photometric & Radiometric Parameters

Flux = 1411.9 lm Eff. : 185.85 lm/W $Fe = 4.0562 W$

Electrical parameters

$V = 21.70 V$ $I = 0.3501 A$ $P = 7.597 W$ PF = 1.000 F=0.00 Hz

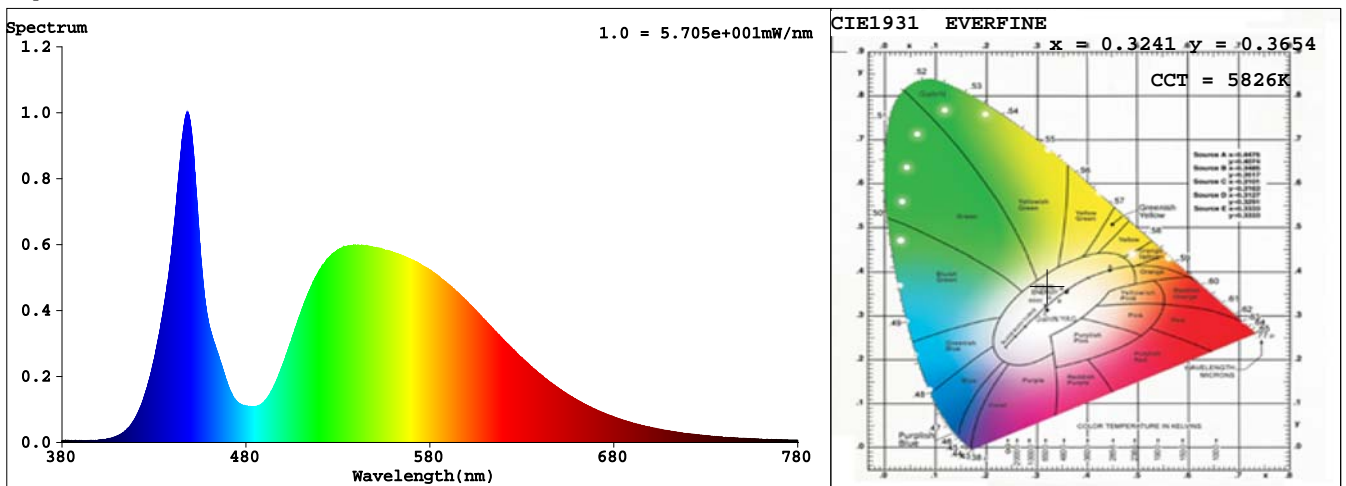
Spectrum Test Report

Sample	:		Date	:	2023-03-17 14:42:10
Specification	:	DK5050-2X4-3535	Standardtus	:	
Sample No.	:	AL15548	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	DAMIN
Assessor	:	damin			
Remark	:				

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	52713 (80%)
Test Mode	:	Fast Test	T	:	643 ms
Sensitivity	:	Low			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3241$ $y = 0.3654$ / $u' = 0.1925$ $v' = 0.4882$ ($duv=1.55e-02$) $Du, Dv: -0.0120, 0.0099$

CCT= 5826K Prcp WL: $L_d=537.0nm$ Purity=7.3%

Peak WL: $L_p=448nm$ FWHM: $=18.6nm$ Ratio: R=11.5% G=85.4% B=3.1%

Render Index: $R_a = 67.5$

R1 =62 R2 =71 R3 =79 R4 =68 R5 =65 R6 =63 R7 =80

R8 =52 R9 =0 R10=33 R11=65 R12=36 R13=63 R14=88 R15=54

Photometric & Radiometric Parameters

Flux = 1971.2 lm Eff. : 178.42 lm/W $F_e = 5.6945 W$

Electrical parameters

$V = 22.10 V$ $I = 0.5000 A$ $P = 11.05 W$ PF = 1.000 F=0.00 Hz

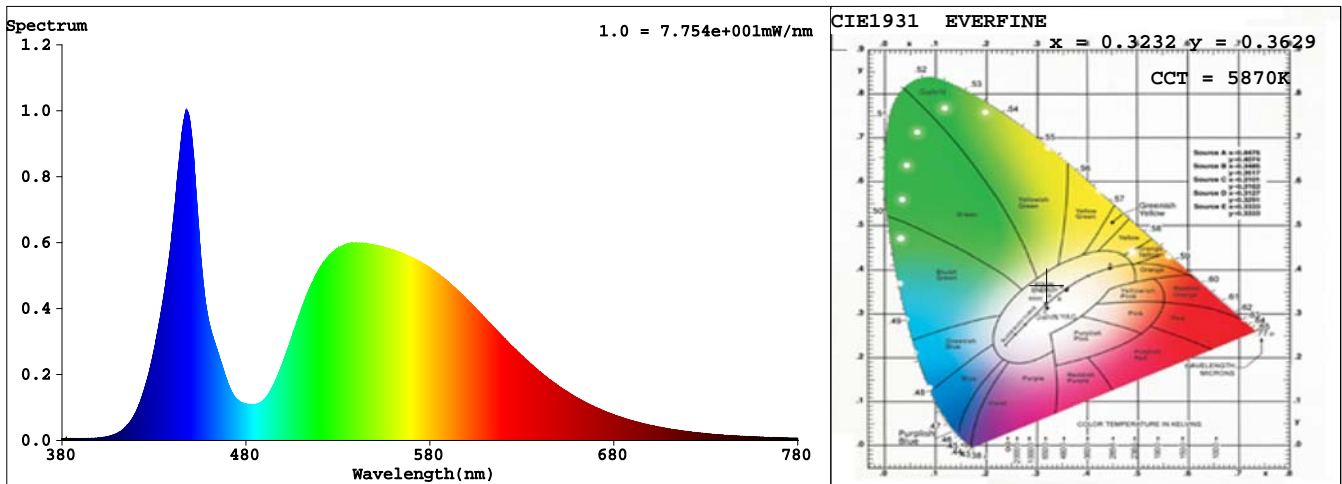
Spectrum Test Report

Sample	:		Date	:	2023-03-17 14:42:27
Specification	:	DK5050-2X4-3535	Standardtus	:	
Sample No.	:	AL15548	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	DAMIN
Assessor	:	damin			
Remark	:				

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	52786 (81%)
Test Mode	:	Fast Test	T	:	472 ms
Sensitivity	:	Low			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3232$ $y = 0.3629$ / $u' = 0.1927$ $v' = 0.4869$ ($duv=1.48e-02$) $Du, Dv: -0.0115, 0.0094$

CCT= 5870K Prcp WL: $L_d=532.7nm$ Purity=6.4%

Peak WL: $L_p=448nm$ FWHM: $=19.4nm$ Ratio: R=11.5% G=85.4% B=3.1%

Render Index: $R_a = 67.5$

R1 =62 R2 =71 R3 =79 R4 =68 R5 =65 R6 =63 R7 =80

R8 =53 R9 =0 R10=33 R11=65 R12=37 R13=63 R14=88 R15=55

Photometric & Radiometric Parameters

Flux = 2681.4 lm Eff. : 169.68 lm/W $F_e = 7.7933 W$

Electrical parameters

$V = 22.58 V$ $I = 0.7000 A$ $P = 15.80 W$ PF = 1.000 F=0.00 Hz

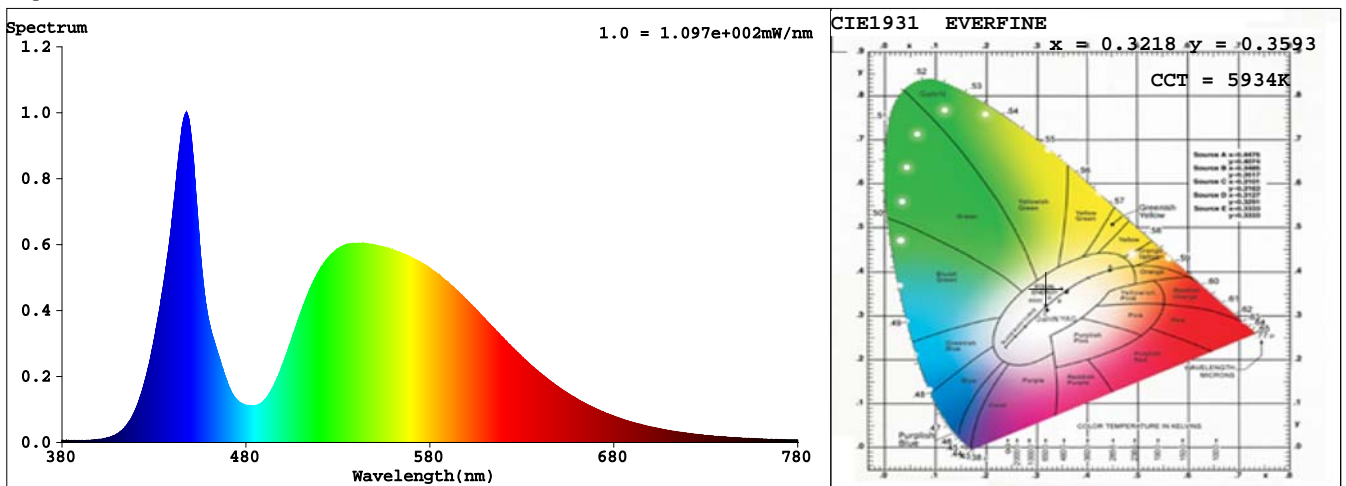
Spectrum Test Report

Sample	:		Date	:	2023-03-17 14:42:44
Specification	:	DK5050-2X4-3535	Standardtus	:	
Sample No.	:	AL15548	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	DAMIN
Assessor	:	damin			
Remark	:				

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	52673 (80%)
Test Mode	:	Fast Test	T	:	330 ms
Sensitivity	:	Low			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3218$ $y = 0.3593$ / $u' = 0.1930$ $v' = 0.4849$ ($duv=1.37e-02$) $Du, Dv: -0.0107, 0.0086$

CCT= 5934K Prcp WL: $L_d=524.9nm$ Purity=5.3%

Peak WL: $L_p=448nm$ FWHM: $=20.8nm$ Ratio: R=11.5% G=85.3% B=3.2%

Render Index: $R_a = 67.7$

R1 =63	R2 =71	R3 =78	R4 =69	R5 =65	R6 =63	R7 =79	
R8 =54	R9 =0	R10=33	R11=66	R12=38	R13=63	R14=88	R15=55

Photometric & Radiometric Parameters

Flux = 3827.5 lm Eff. : 156.28 lm/W Fe = 11.234 W

Electrical parameters

V = 23.33 V I = 1.050 A P = 24.49 W PF = 1.000 F=0.00 Hz

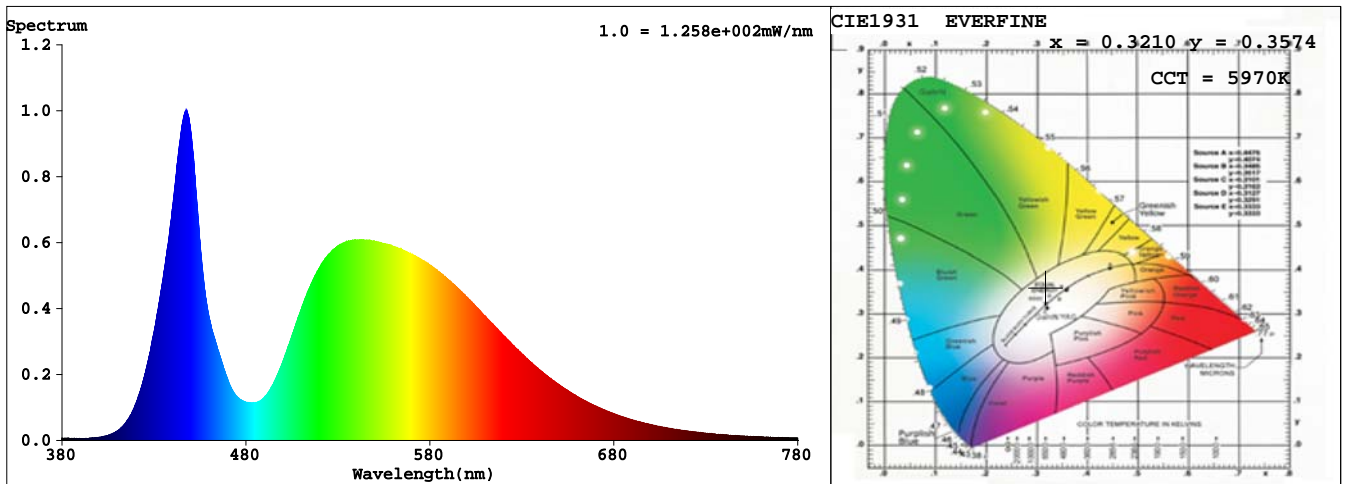
Spectrum Test Report

Sample	:		Date	:	2023-03-17 14:43:03
Specification	:	DK5050-2X4-3535	Standardtus	:	
Sample No.	:	AL15548	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	DAMIN
Assessor	:	damin			
Remark	:				

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	52442 (80%)
Test Mode	:	Fast Test	T	:	284 ms
Sensitivity	:	Low			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3210$ $y = 0.3574$ / $u' = 0.1932$ $v' = 0.4839$ ($duv=1.32e-02$) $Du, Dv: -0.0103, 0.0082$

CCT= 5970K Prcp WL: $L_d=520.4nm$ Purity=4.8%

Peak WL: $L_p=448nm$ FWHM: $\approx 21.6nm$ Ratio: R=11.5% G=85.3% 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 = 4423.0 lm Eff. : 149.22 lm/W Fe = 13.051 W

Electrical parameters

V = 23.72 V I = 1.250 A P = 29.64 W PF = 1.000 F=0.00 Hz

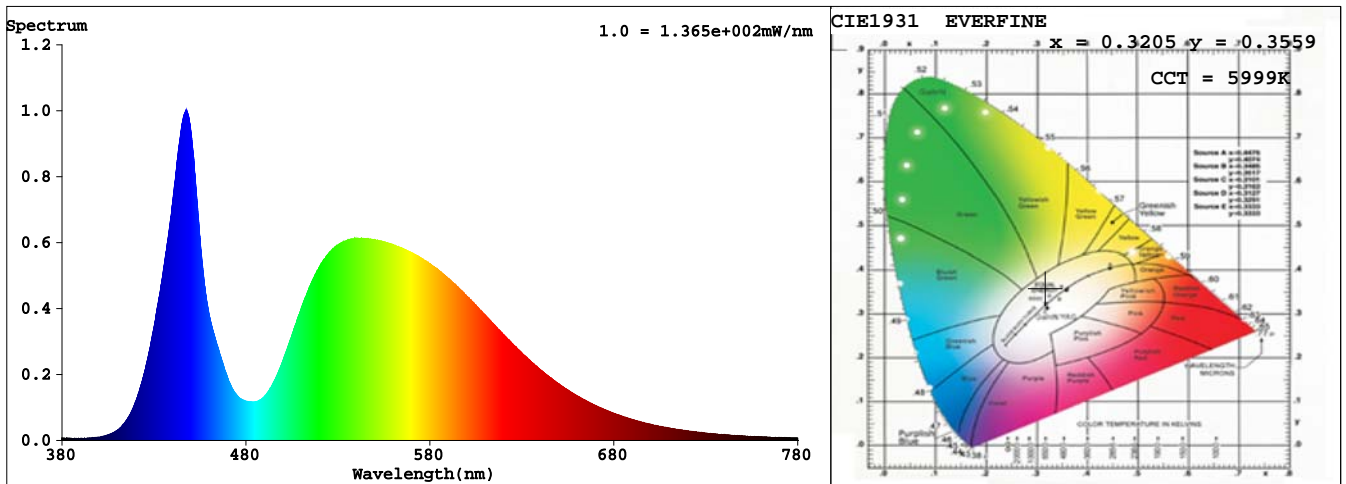
Spectrum Test Report

Sample	:	Date	:	2023-03-17 14:43:19
Specification	:	Standard	:	Standard
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	DAMIN
Assessor	:			
Remark	:			

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	57334 (87%)
Test Mode	:	Fast Test	T	:	284 ms
Sensitivity	:	Low			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3205$ $y = 0.3559$ / $u' = 0.1934$ $v' = 0.4831$ ($duv=1.27e-02$) $Du, Dv: -0.0100, 0.0080$

CCT= 5999K Prcp WL: $L_d=517.1nm$ Purity=4.6%

Peak WL: $L_p=447nm$ FWHM: $=22.3nm$ Ratio: R=11.5% G=85.2% B=3.2%

Render Index: $R_a = 68.1$

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

R8 =55 R9 =0 R10=33 R11=66 R12=39 R13=64 R14=88 R15=56

Photometric & Radiometric Parameters

Flux = 4837.3 lm Eff. : 144.00 lm/W $F_e = 14.337 W$

Electrical parameters

V = 24.00 V I = 1.400 A P = 33.59 W PF = 1.000 F=0.00 Hz

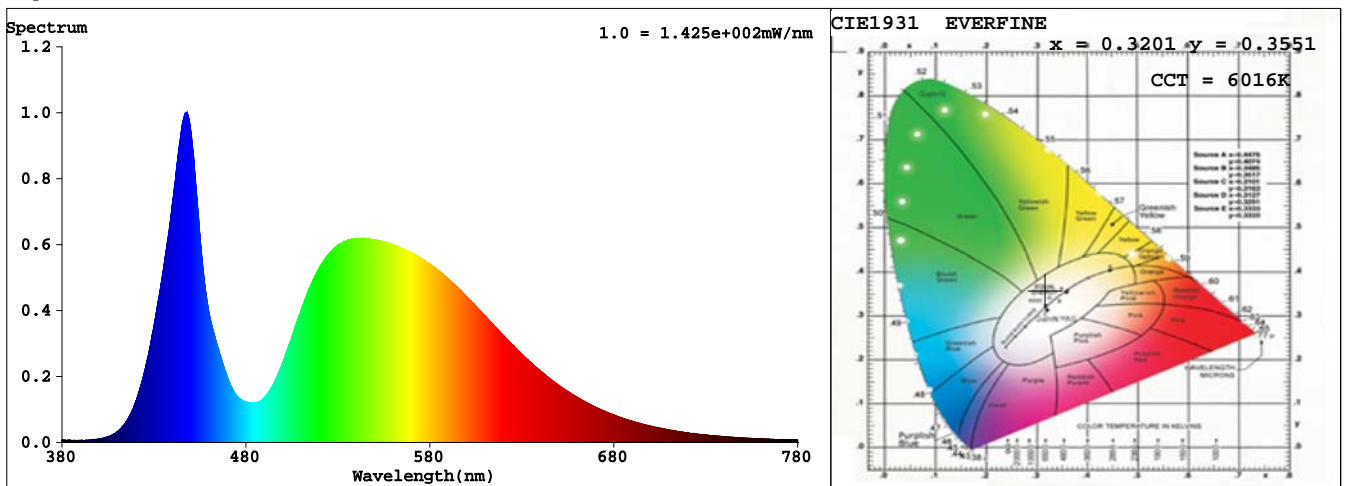
Spectrum Test Report

Sample	:		Date	:	2023-03-17 14:43:45
Specification	:	DK5050-2X4-3535	Standardtus	:	
Sample No.	:	AL15548	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	DAMIN
Assessor	:	damin			
Remark	:				

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	52459 (80%)
Test Mode	:	Fast Test	T	:	246 ms
Sensitivity	:	Low			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3201$ $y = 0.3551$ / $u' = 0.1934$ $v' = 0.4827$ ($duv=1.25e-02$) $Du, Dv: -0.0098, 0.0078$

CCT= 6016K Prcp WL: $Ld=515.4nm$ Purity=4.5%

Peak WL: $Lp=448nm$ FWHM: $=22.8nm$ Ratio: $R=11.5\%$ $G=85.2\%$ $B=3.3\%$

Render Index: $Ra = 68.1$

$R1 = 64$ $R2 = 71$ $R3 = 78$ $R4 = 69$ $R5 = 66$ $R6 = 63$ $R7 = 79$

$R8 = 55$ $R9 = 0$ $R10 = 33$ $R11 = 66$ $R12 = 39$ $R13 = 64$ $R14 = 88$ $R15 = 57$

Photometric & Radiometric Parameters

Flux = 5098.4 lm Eff. : 140.69 lm/W Fe = 15.150 W

Electrical parameters

V = 24.17 V I = 1.500 A P = 36.24 W PF = 1.000 F=0.00 Hz