

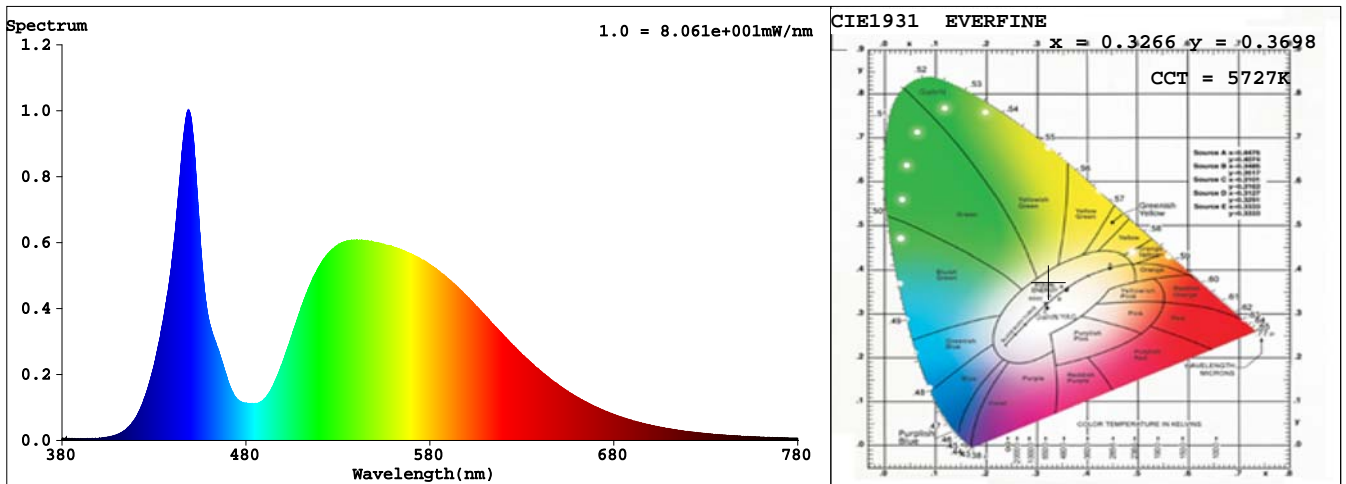
## Spectrum Test Report

Sample	:	Date	:	2023-03-17 14:53:07
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	:	51660 (79%)
Test Mode	:	Fast Test	T	:	438 ms
Sensitivity	:	Low			

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3266$   $y = 0.3698$  /  $u' = 0.1926$   $v' = 0.4906$  ( $duv=1.65e-02$ )  $Du, Dv: -0.0126, 0.0107$

CCT= 5727K Prcp WL:  $L_d=544.2nm$  Purity=9.2%

Peak WL:  $L_p=449nm$  FWHM:  $=17.9nm$  Ratio: R=11.5% G=85.4% B=3.1%

Render Index:  $R_a = 67.4$

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

R8 =52 R9 =0 R10=33 R11=64 R12=35 R13=63 R14=89 R15=54

### Photometric & Radiometric Parameters

Flux = 2833.8 lm Eff. : 187.49 lm/W  $F_e = 8.1126 W$

### Electrical parameters

V = 43.18 V I = 0.3500 A P = 15.11 W PF = 1.000 F=0.00 Hz

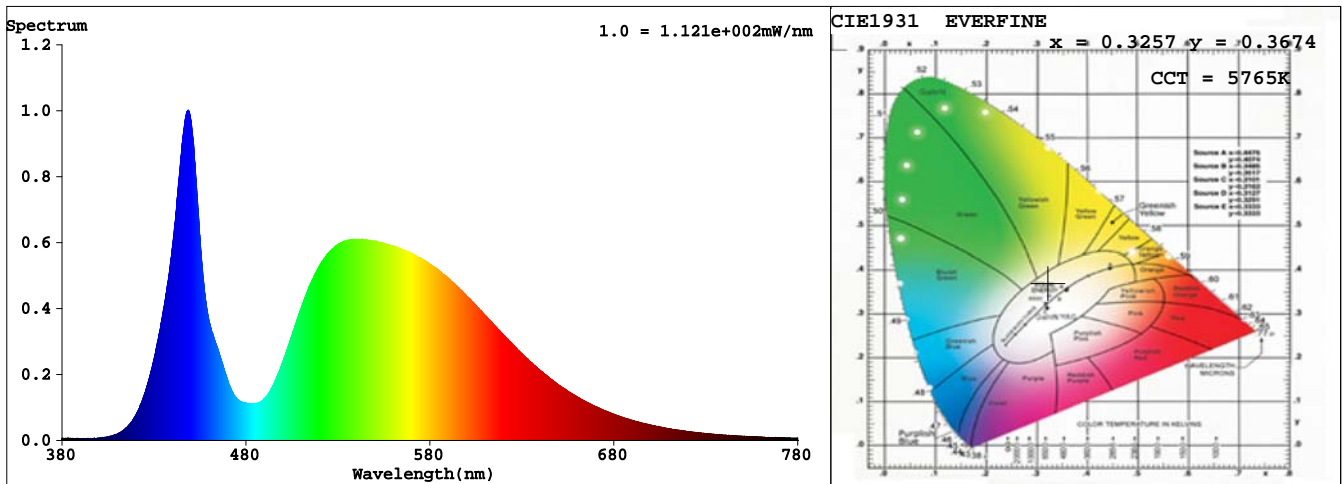
## Spectrum Test Report

Sample	:		Date	:	2023-03-17 14:53:32
Specification	:	DK5050-2X8-3535	Standardtus	:	
Sample No.	:	AL15550	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	DAMIN
Assessor	:	damin			
Remark	:				

### Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	52700 (80%)
Test Mode	:	Fast Test	T	:	320 ms
Sensitivity	:	Low			

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3257$   $y = 0.3674$  /  $u' = 0.1928$   $v' = 0.4893$  ( $duv=1.58e-02$ )  $Du, Dv: -0.0121, 0.0102$

CCT= 5765K Prcp WL:  $L_d=541.6nm$  Purity=8.3%

Peak WL:  $L_p=449nm$  FWHM: =18.6nm Ratio:R=11.5% G=85.4% B=3.1%

Render Index:  $R_a = 67.5$

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

R8 =52 R9 =0 R10=33 R11=65 R12=36 R13=63 R14=89 R15=54

### Photometric & Radiometric Parameters

Flux = 3954.6 lm Eff. : 180.22 lm/W  $F_e = 11.385 W$

### Electrical parameters

V = 43.89 V I = 0.5000 A P = 21.94 W PF = 1.000 F=0.00 Hz

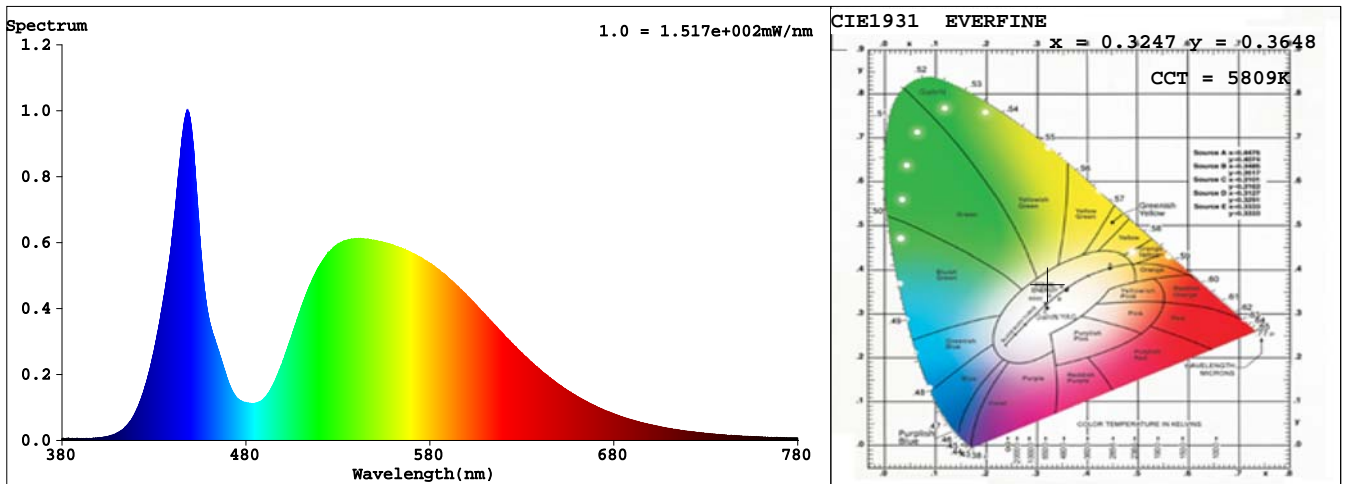
## Spectrum Test Report

Sample	:		Date	:	2023-03-17 14:53:53
Specification	:	DK5050-2X8-3535	Standardtus	:	
Sample No.	:	AL15550	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	:	235 ms
Sensitivity	:	Low			

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3247, y = 0.3648 / u' = 0.1930, v' = 0.4880$  ( $duv=1.51e-02$ )  $Du, Dv: -0.0116, 0.0096$

CCT= 5809K Prcp WL:  $Ld=537.9nm$  Purity=7.3%

Peak WL:  $Lp=448nm$  FWHM:  $=19.5nm$  Ratio: R=11.5% G=85.3% B=3.1%

Render Index:  $Ra = 67.6$

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 = 5369.0 lm Eff. : 171.48 lm/W Fe = 15.560 W

### Electrical parameters

V = 44.73 V I = 0.7000 A P = 31.31 W PF = 1.000 F=0.00 Hz

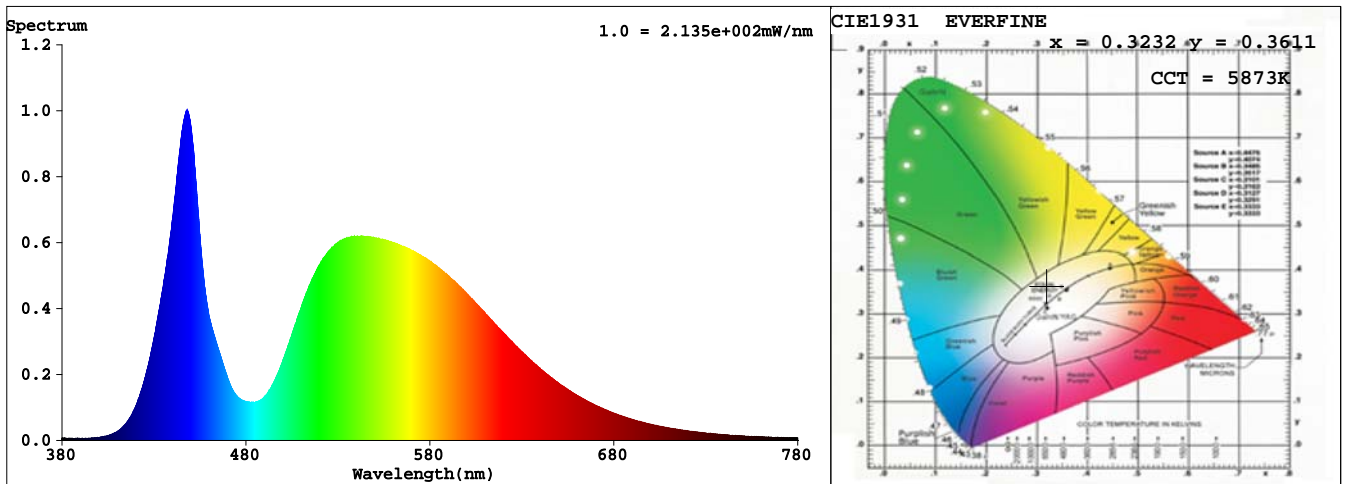
## Spectrum Test Report

Sample	:		Date	:	2023-03-17 14:54:08
Specification	:	DK5050-2X8-3535	Standardtus	:	
Sample No.	:	AL15550	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	DAMIN
Assessor	:	damin			
Remark	:				

### Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	52710 (80%)
Test Mode	:	Fast Test	T	:	165 ms
Sensitivity	:	Low			

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3232, y = 0.3611 / u' = 0.1934, v' = 0.4860$  ( $duv=1.39e-02$ )  $Du, Dv: -0.0108, 0.0088$

CCT= 5873K Prcp WL:  $Ld=531.0nm$  Purity=5.9%

Peak WL:  $Lp=448nm$  FWHM:  $=21.0nm$  Ratio: R=11.6% G=85.3% B=3.2%

Render Index:  $Ra = 67.8$

R1 =63 R2 =71 R3 =79 R4 =69 R5 =65 R6 =63 R7 =80

R8 =54 R9 =0 R10=33 R11=65 R12=38 R13=63 R14=88 R15=55

### Photometric & Radiometric Parameters

Flux = 7648.5 lm Eff. : 158.20 lm/W  $Fe = 22.388 W$

### Electrical parameters

$V = 46.06 V$   $I = 1.050 A$   $P = 48.35 W$  PF = 1.000 F=0.00 Hz

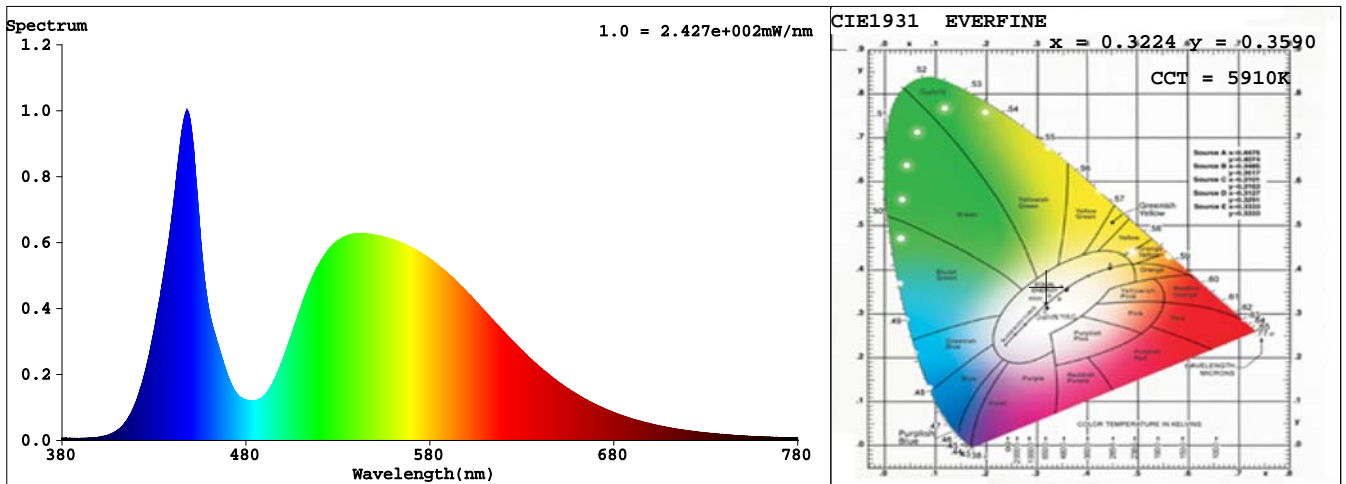
## Spectrum Test Report

Sample	:	Date	:	2023-03-17 14:54:26
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	:	52682 (80%)
Test Mode	:	Fast Test	T	:	143 ms
Sensitivity	:	Low			

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3224$   $y = 0.3590$  /  $u' = 0.1935$   $v' = 0.4849$  ( $duv=1.34e-02$ )  $Du, Dv: -0.0104, 0.0084$

CCT= 5910K Prcp WL:  $L_d=526.4nm$  Purity=5.3%

Peak WL:  $L_p=448nm$  FWHM:  $\approx 22.1nm$  Ratio: R=11.6% G=85.2% B=3.2%

Render Index:  $R_a = 68.0$

R1 =63 R2 =71 R3 =78 R4 =69 R5 =66 R6 =63 R7 =80

R8 =54 R9 =0 R10=33 R11=66 R12=39 R13=64 R14=88 R15=56

### Photometric & Radiometric Parameters

Flux = 8805.8 lm Eff. : 150.85 lm/W  $F_e = 25.931 W$

### Electrical parameters

V = 46.71 V I = 1.250 A P = 58.38 W PF = 1.000 F=0.00 Hz

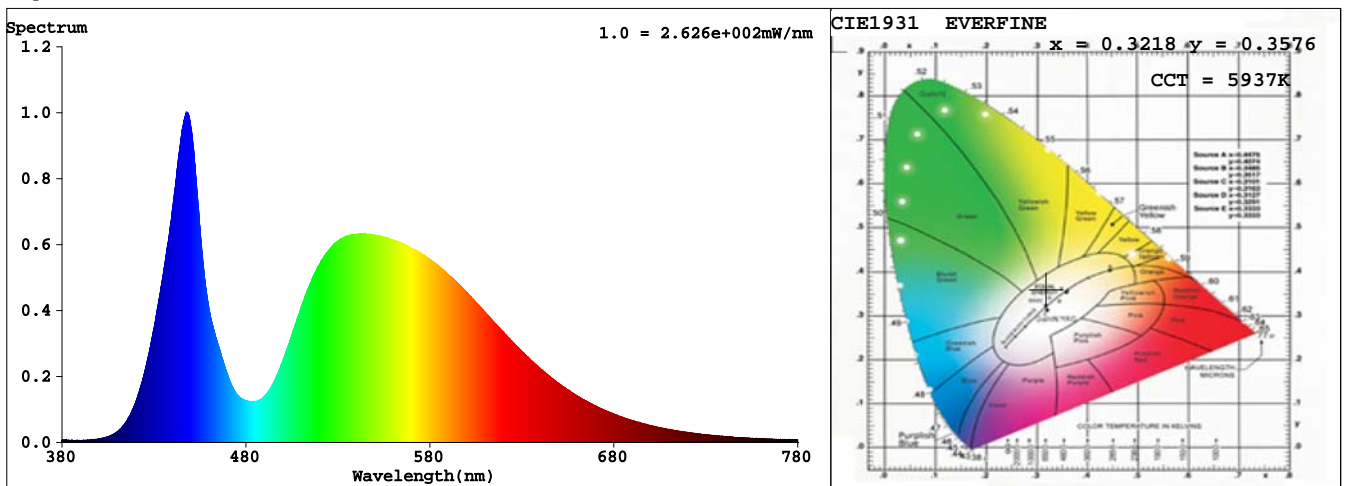
## Spectrum Test Report

Sample	:	Date	:	2023-03-17 14:54:35
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	:	57505 (88%)
Test Mode	:	Fast Test	T	:	143 ms
Sensitivity	:	Low			

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3218$   $y = 0.3576$  /  $u' = 0.1937$   $v' = 0.4842$  ( $duv=1.29e-02$ )  $Du, Dv: -0.0101, 0.0081$

CCT= 5937K Prcp WL:  $L_d=522.9nm$  Purity=4.9%

Peak WL:  $L_p=448nm$  FWHM:  $=22.8nm$  Ratio: R=11.6% G=85.2% B=3.3%

Render Index:  $R_a = 68.2$

R1 =63 R2 =71 R3 =78 R4 =69 R5 =66 R6 =63 R7 =80

R8 =54 R9 =0 R10=33 R11=66 R12=39 R13=64 R14=88 R15=56

### Photometric & Radiometric Parameters

Flux = 9619.0 lm Eff. : 145.62 lm/W  $F_e = 28.451 W$

### Electrical parameters

V = 47.20 V I = 1.400 A P = 66.06 W PF = 1.000 F=0.00 Hz

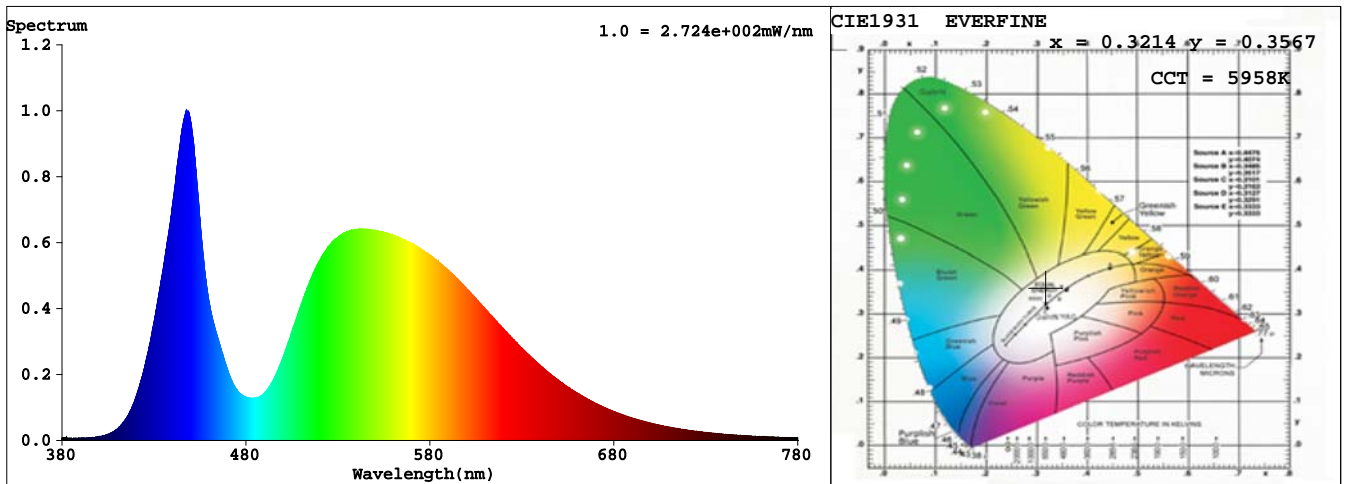
## Spectrum Test Report

Sample	:		Date	:	2023-03-17 14:54:53
Specification	:	DK5050-2X8-3535	Standardtus	:	
Sample No.	:	AL15550	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	DAMIN
Assessor	:	damin			
Remark	:				

### Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	52435 (80%)
Test Mode	:	Fast Test	T	:	124 ms
Sensitivity	:	Low			

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3214, y = 0.3567 / u' = 0.1937, v' = 0.4837$  ( $duv=1.27e-02$ )  $Du, Dv: -0.0099, 0.0080$

CCT= 5958K Prcp WL:  $Ld=520.4nm$  Purity=4.7%

Peak WL:  $Lp=448nm$  FWHM:  $=23.6nm$  Ratio: R=11.6% G=85.1% B=3.3%

Render Index:  $Ra = 68.3$

R1 =64 R2 =71 R3 =78 R4 =69 R5 =66 R6 =64 R7 =80

R8 =55 R9 =0 R10=34 R11=66 R12=39 R13=64 R14=88 R15=57

### Photometric & Radiometric Parameters

Flux = 10102 lm Eff. : 141.91 lm/W Fe = 29.972 W

### Electrical parameters

V = 47.47 V I = 1.500 A P = 71.18 W PF = 1.000 F=0.00 Hz