

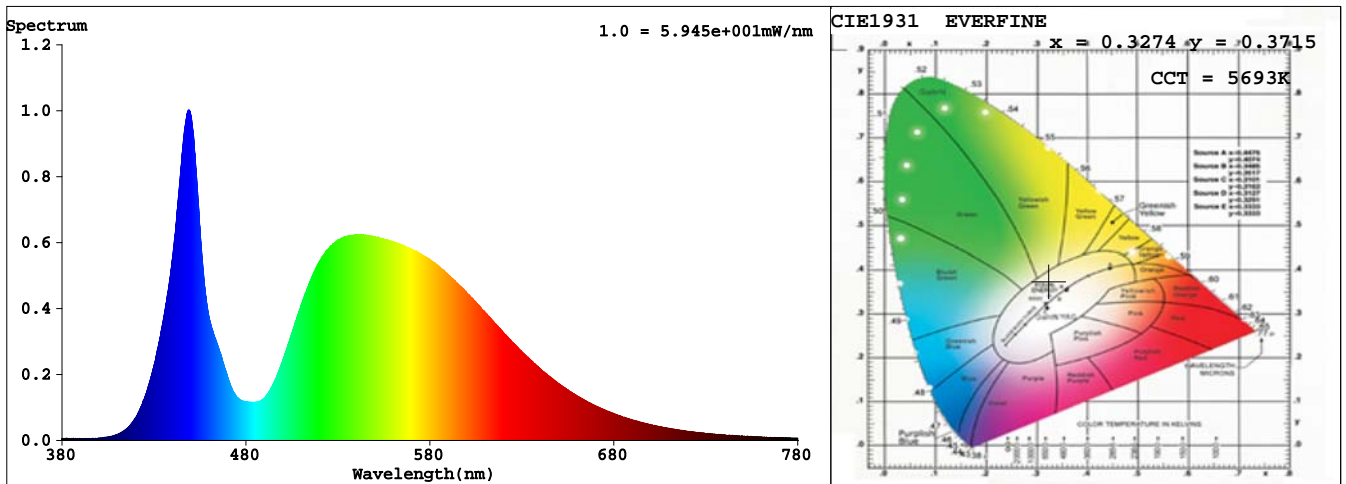
Spectrum Test Report

Sample	:	Date	:	2023-04-20 09:00:51
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	:	51534 (79%)
Test Mode	:	Fast Test	T	:	577 ms
Sensitivity	:	Low			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3274$ $y = 0.3715$ / $u' = 0.1925$ $v' = 0.4914$ ($duv=1.69e-02$) $Du, Dv: -0.0129, 0.0110$
 CCT= 5693K Prcp WL: $Ld=546.1nm$ Purity=9.9%
 Peak WL: $Lp=449nm$ FWHM: =18.1nm Ratio:R=11.5% G=85.4% B=3.1%

Render Index: $Ra = 67.4$

R1 =61 R2 =71 R3 =80 R4 =68 R5 =64 R6 =63 R7 =81
 R8 =51 R9 =0 R10=34 R11=64 R12=35 R13=62 R14=89 R15=53

Photometric & Radiometric Parameters

Flux = 2144.6 lm Eff. : 188.70 lm/W Fe = 6.1234 W

Electrical parameters

V = 32.45 V I = 0.3502 A P = 11.37 W PF = 1.000 F=0.00 Hz

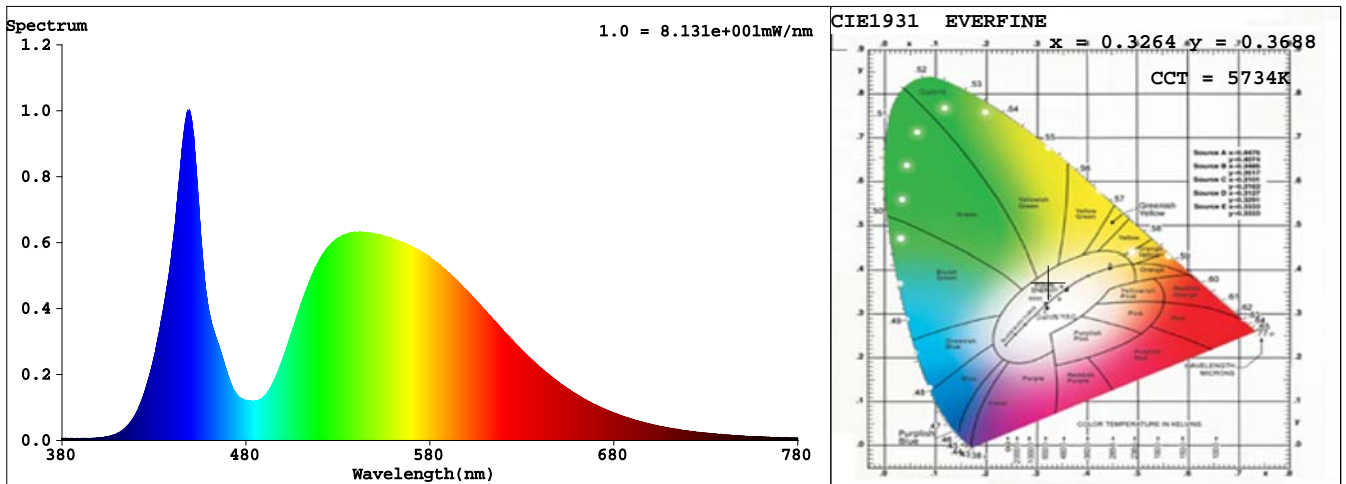
Spectrum Test Report

Sample	:	Date	: 2023-04-20 09:01:18
Specification	: DK173-12H-3535	Standardtus	:
Sample No.	: AL17682	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: EVERFINE	Test by	: DAMIN
Assessor	: damin		
Remark	:		

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52496 (80%)
Test Mode	: Fast Test	T	: 424 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3264$ $y = 0.3688$ / $u' = 0.1928$ $v' = 0.4901$ ($duv=1.61e-02$) $Du, Dv: -0.0123, 0.0104$

CCT= 5734K Prcp WL: $Ld=543.5nm$ Purity=8.9%

Peak WL: $Lp=449nm$ FWHM: $=19.2nm$ Ratio: R=11.5% G=85.3% B=3.1%

Render Index: $Ra = 67.6$

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

R8 =52 R9 =0 R10=34 R11=64 R12=36 R13=63 R14=89 R15=54

Photometric & Radiometric Parameters

Flux = 2972.4 lm Eff. : 180.29 lm/W Fe = 8.5481 W

Electrical parameters

V = 32.96 V I = 0.5002 A P = 16.49 W PF = 1.000 F=0.00 Hz

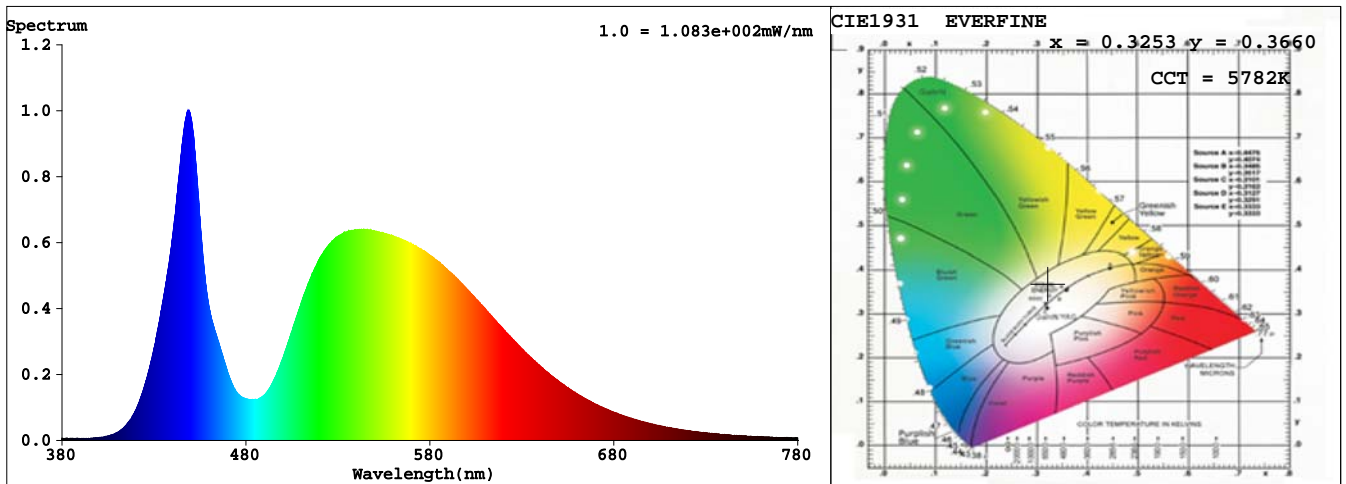
Spectrum Test Report

Sample	:		Date	:	2023-04-20 09:01:38
Specification	:	DK173-12H-3535	Standardtus	:	
Sample No.	:	AL17682	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	DAMIN
Assessor	:	damin			
Remark	:				

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	52348 (80%)
Test Mode	:	Fast Test	T	:	313 ms
Sensitivity	:	Low			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3253$ $y = 0.3660$ / $u' = 0.1930$ $v' = 0.4886$ ($duv=1.53e-02$) $Du, Dv: -0.0117, 0.0098$

CCT= 5782K Prcp WL: $L_d=540.0nm$ Purity=7.8%

Peak WL: $L_p=449nm$ FWHM: $\approx 20.5nm$ Ratio: R=11.6% G=85.3% B=3.2%

Render Index: $R_a = 67.8$

R1 =62 R2 =71 R3 =80 R4 =68 R5 =65 R6 =63 R7 =80
 R8 =53 R9 =0 R10=34 R11=65 R12=37 R13=63 R14=89 R15=55

Photometric & Radiometric Parameters

Flux = 4007.6 lm Eff. : 170.44 lm/W $F_e = 11.613 W$

Electrical parameters

$V = 33.58 V$ $I = 0.7001 A$ $P = 23.51 W$ PF = 1.000 F=0.00 Hz

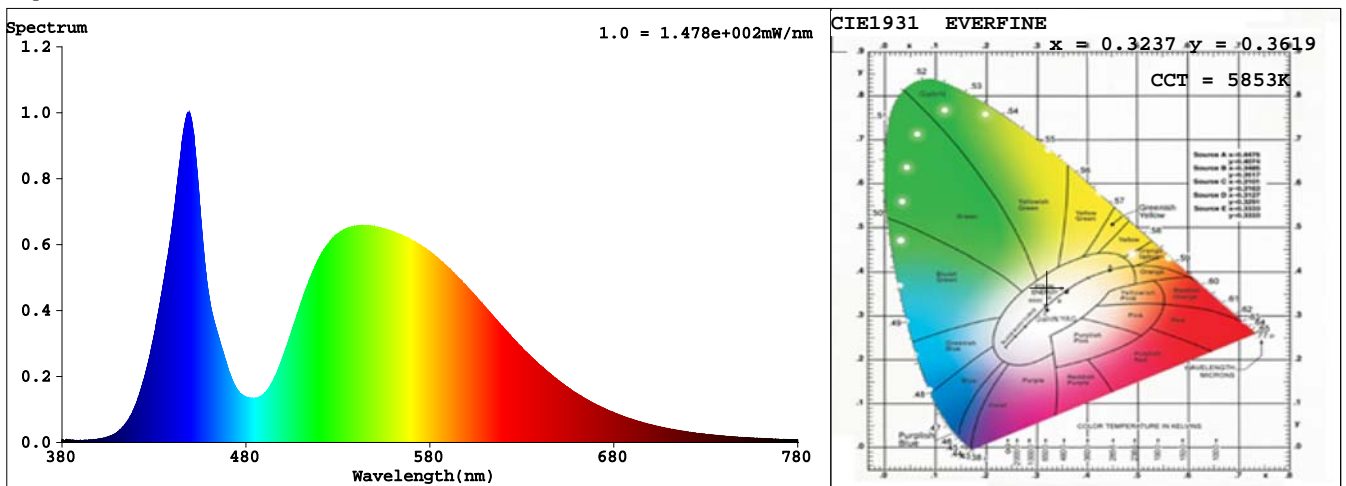
Spectrum Test Report

Sample	:		Date	:	2023-04-20 09:02:00
Specification	:	DK173-12H-3535	Standardtus	:	
Sample No.	:	AL17682	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	DAMIN
Assessor	:	damin			
Remark	:				

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	52464 (80%)
Test Mode	:	Fast Test	T	:	223 ms
Sensitivity	:	Low			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3237$ $y = 0.3619$ / $u' = 0.1934$ $v' = 0.4864$ ($duv=1.41e-02$) $Du, Dv: -0.0109, 0.0090$

CCT= 5853K Prcp WL: $L_d=533.0nm$ Purity=6.2%

Peak WL: $L_p=449nm$ FWHM: $=22.8nm$ Ratio: R=11.6% G=85.1% B=3.3%

Render Index: $R_a = 68.3$

R1 =63 R2 =72 R3 =79 R4 =69 R5 =65 R6 =64 R7 =80

R8 =54 R9 =0 R10=34 R11=65 R12=38 R13=64 R14=88 R15=56

Photometric & Radiometric Parameters

Flux = 5625.1 lm Eff. : 155.00 lm/W $F_e = 16.499 W$

Electrical parameters

$V = 34.56 V$ $I = 1.050 A$ $P = 36.29 W$ PF = 1.000 F=0.00 Hz

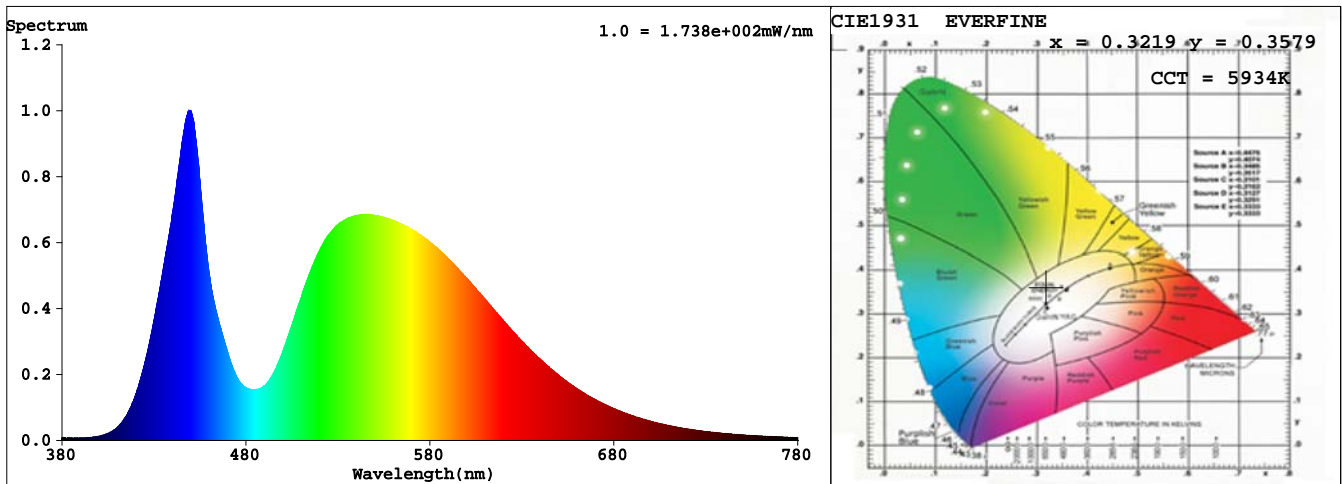
Spectrum Test Report

Sample	:		Date	:	2023-04-20 09:02:21
Specification	:	DK173-12H-3535	Standardtus	:	
Sample No.	:	AL17682	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	DAMIN
Assessor	:	damin			
Remark	:				

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	52091 (79%)
Test Mode	:	Fast Test	T	:	180 ms
Sensitivity	:	Low			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3219, y = 0.3579 / u' = 0.1936, v' = 0.4843$ ($duv=1.31e-02$) $Du, Dv: -0.0102, 0.0082$

CCT= 5934K Prcp WL: $Ld=523.4nm$ Purity=4.9%

Peak WL: $Lp=449nm$ FWHM: $=25.8nm$ Ratio: R=11.6% G=84.9% B=3.5%

Render Index: $Ra = 69.0$

R1 =64 R2 =72 R3 =80 R4 =69 R5 =66 R6 =65 R7 =81

R8 =55 R9 =0 R10=36 R11=66 R12=40 R13=65 R14=89 R15=57

Photometric & Radiometric Parameters

Flux = 6893.2 lm Eff. : 139.25 lm/W $Fe = 20.488 W$

Electrical parameters

$V = 35.35 V$ $I = 1.401 A$ $P = 49.50 W$ PF = 1.000 F=0.00 Hz