

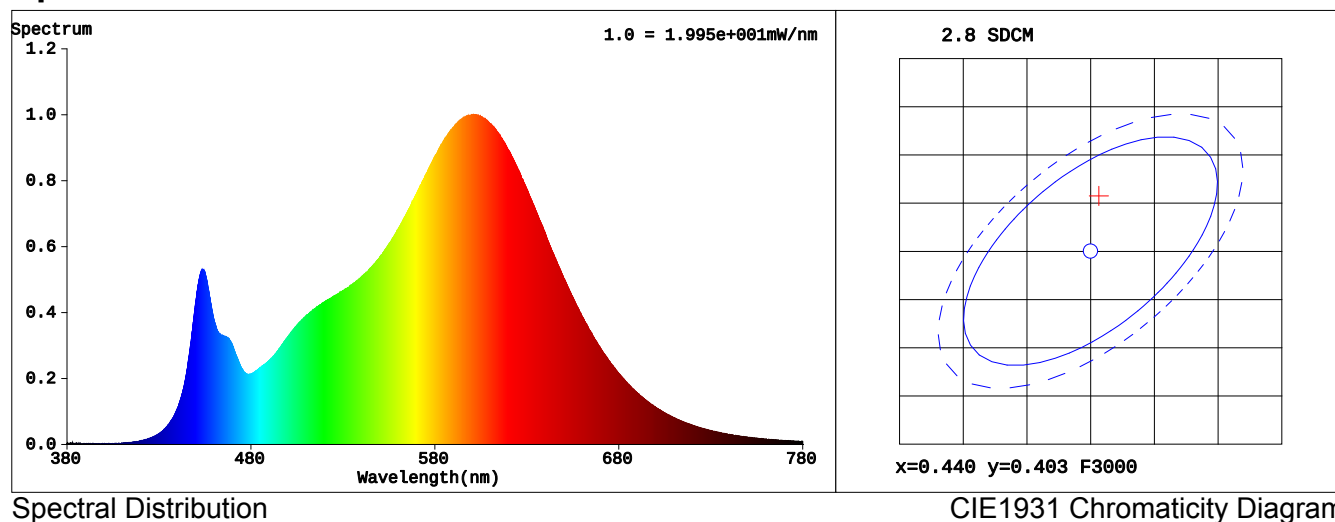
Spectrum Test Report

Sample	:		Date	:	2023-11-28 13:22:16
Specification	:	长方形180混动LED太阳能灯发光板	Standardtus	:	
Sample No.	:	1	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	XX
Assessor	:	LHK			
Remark	:	1.0127			

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	50426 (77%)
Test Mode	:	Accuracy Test	T	:	70 ms
Sensitivity	:	High			

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4406$ $y = 0.4087$ / $u' = 0.2510$ $v' = 0.5238$ ($duv=1.34e-03$) $Dx, Dy: 0.0020, 0.0041$
 CCT= 2976K Prcp WL: $L_d=582.5nm$ Purity=54.9%
 Peak WL: $L_p=601nm$ FWHM: $=111.7nm$ Ratio: R=22.7% G=74.5% B=2.8%

Render Index: $R_a = 80.1$

R1 =79 R2 =92 R3 =93 R4 =77 R5 =79 R6 =91 R7 =79
 R8 =52 R9 =0 R10=82 R11=76 R12=70 R13=82 R14=96 R15=69
 WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 944.94 lm Eff. : 188.84 lm/W $F_e = 2.7685 W$
 Flux of emitted photons($\mu mol/s$): 13.387 Fluo. and blue light ratio: 9.309 Fluorescent eff.: 499.7

Electrical parameters

V = 2.780 V I = 1.800 A P = 5.004 W PF = 1.000 F=0.00 Hz

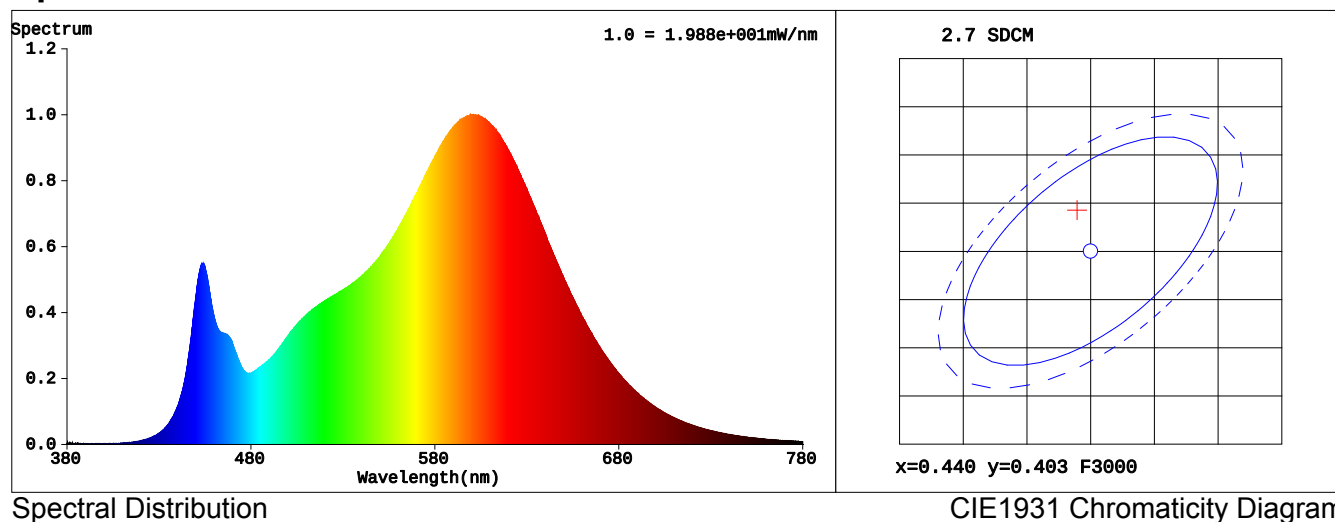
Spectrum Test Report

Sample	:		Date	:	2023-11-28 13:35:35
Specification	:	长方形180混动LED太阳能灯发光板	Standardtus	:	
Sample No.	:	2	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	XX
Assessor	:	LHK			
Remark	:	1.0127			

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	50157 (77%)
Test Mode	:	Accuracy Test	T	:	70 ms
Sensitivity	:	High			

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4389$ $y = 0.4073$ / $u' = 0.2505$ $v' = 0.5229$ ($duv=9.87e-04$) $Dx,Dy:0.0015,0.0030$
 CCT= 2992K Prpc WL: $L_d=582.5nm$ Purity=54.0%
 Peak WL: $L_p=601nm$ FWHM: $=112.3nm$ Ratio:R=22.7% G=74.5% B=2.8%

Render Index: $R_a = 80.2$

R1 =79 R2 =92 R3 =93 R4 =77 R5 =79 R6 =91 R7 =79
 R8 =52 R9 =0 R10=82 R11=76 R12=71 R13=82 R14=96 R15=70
 WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 943.71 lm Eff. : 190.44 lm/W $F_e = 2.7710 W$
 Flux of emitted photons($\mu mol/s$):13.389 Fluo. and blue light ratio:9.046 Fluorescent eff.:503.6

Electrical parameters

V = 2.753 V I = 1.800 A P = 4.955 W PF = 1.000 F=0.00 Hz

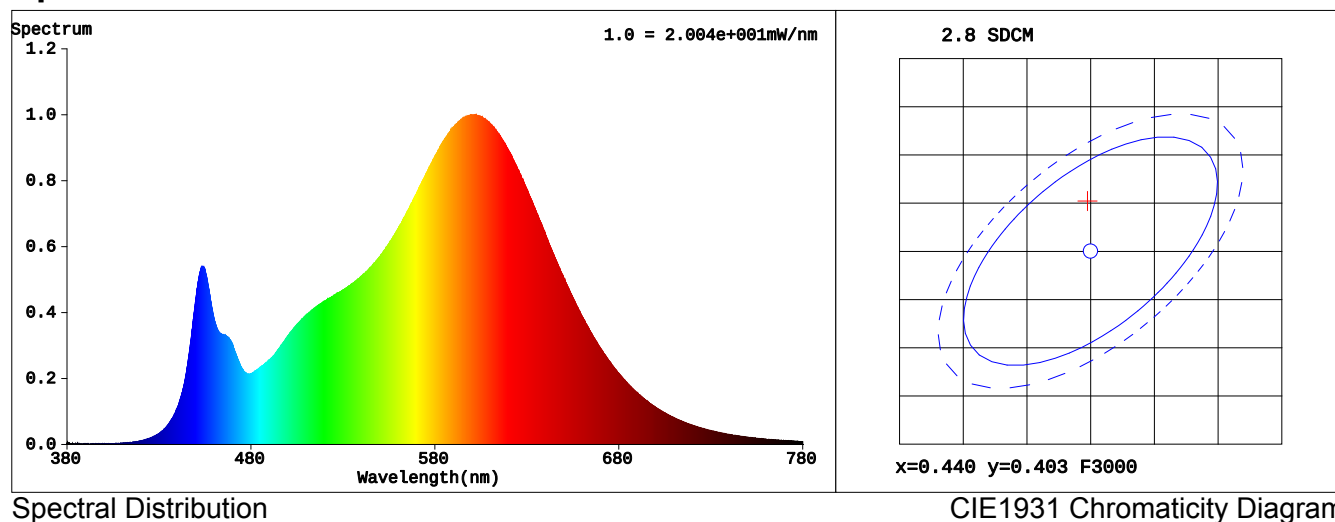
Spectrum Test Report

Sample	:		Date	:	2023-11-28 13:47:21
Specification	:	长方形180混动LED太阳能灯发光板	Standardtus	:	
Sample No.	:	3	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	XX
Assessor	:	LHK			
Remark	:	1.0127			

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	50589 (77%)
Test Mode	:	Accuracy Test	T	:	70 ms
Sensitivity	:	High			

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4397$ $y = 0.4082$ / $u' = 0.2506$ $v' = 0.5234$ ($duv=1.25e-03$) $Dx,Dy:0.0019,0.0038$

CCT= 2987K Prcp WL: $L_d=582.4nm$ Purity=54.5%

Peak WL: $L_p=602nm$ FWHM: $=112.6nm$ Ratio:R=22.7% G=74.5% B=2.8%

Render Index: $R_a = 80.1$

R1 =79 R2 =92 R3 =93 R4 =77 R5 =79 R6 =91 R7 =79

R8 =52 R9 =0 R10=82 R11=76 R12=70 R13=82 R14=97 R15=69

WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 951.00 lm Eff. : 192.12 lm/W $F_e = 2.7876 W$

Flux of emitted photons($\mu mol/s$):13.474 Fluo. and blue light ratio:9.072 Fluorescent eff.:507.3

Electrical parameters

V = 2.750 V I = 1.800 A P = 4.950 W PF = 1.000 F=0.00 Hz

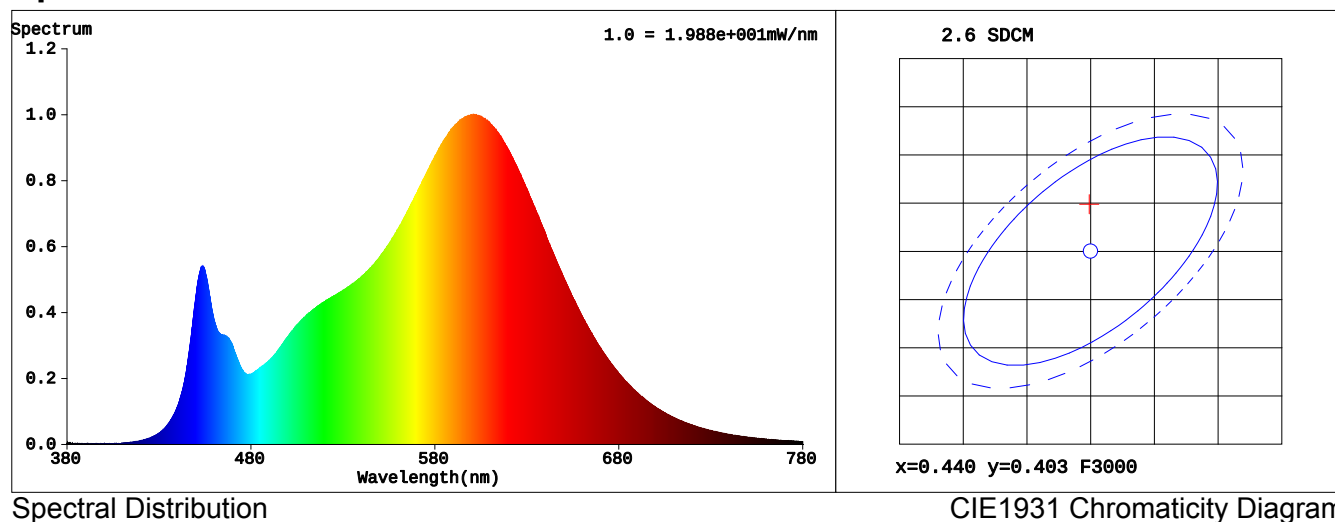
Spectrum Test Report

Sample	:		Date	:	2023-11-28 13:58:56
Specification	:	长方形180混动LED太阳能灯发光板	Standardtus	:	
Sample No.	:	4	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	XX
Assessor	:	LHK			
Remark	:	1.0127			

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	50187 (77%)
Test Mode	:	Accuracy Test	T	:	70 ms
Sensitivity	:	High			

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4399$ $y = 0.4079$ / $u' = 0.2508$ $v' = 0.5233$ ($duv=1.10e-03$) $Dx, Dy: 0.0016, 0.0033$
 CCT= 2982K Prcp WL: Ld=582.5nm Purity=54.5%
 Peak WL: Lp=601nm FWHM: =112.1nm Ratio:R=22.7% G=74.5% B=2.8%

Render Index: Ra = 80.1

R1 =79 R2 =92 R3 =93 R4 =77 R5 =79 R6 =91 R7 =79
 R8 =52 R9 =0 R10=82 R11=76 R12=70 R13=82 R14=96 R15=70
 WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 941.89 lm Eff. : 190.28 lm/W Fe = 2.7631 W
 Flux of emitted photons($\mu\text{mol/s}$):13.357 Fluo. and blue light ratio:9.240 Fluorescent eff.:503.8

Electrical parameters

V = 2.750 V I = 1.800 A P = 4.950 W PF = 1.000 F=0.00 Hz

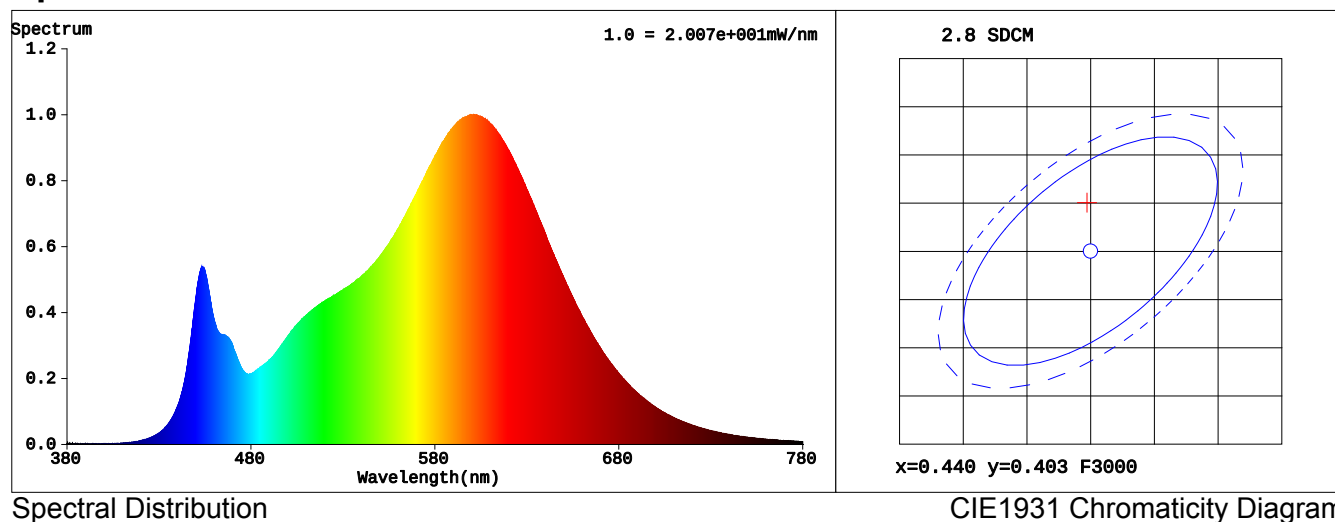
Spectrum Test Report

Sample	:		Date	:	2023-11-28 14:10:59
Specification	:	长方形180混动LED太阳能灯发光板	Standardtus	:	
Sample No.	:	5	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	XX
Assessor	:	LHK			
Remark	:	1.0127			

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	50674 (77%)
Test Mode	:	Accuracy Test	T	:	70 ms
Sensitivity	:	High			

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4397$ $y = 0.4080$ / $u' = 0.2506$ $v' = 0.5234$ ($duv=1.20e-03$) $Dx,Dy:0.0018,0.0036$
 CCT= 2986K Prpc WL: $L_d=582.5nm$ Purity=54.5%
 Peak WL: $L_p=601nm$ FWHM: $=112.4nm$ Ratio:R=22.7% G=74.5% B=2.8%

Render Index: $R_a = 80.2$

R1 =79 R2 =92 R3 =93 R4 =77 R5 =79 R6 =91 R7 =79
 R8 =52 R9 =0 R10=82 R11=76 R12=70 R13=82 R14=96 R15=69
 WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 952.27 lm Eff. : 192.17 lm/W $F_e = 2.7922 W$
 Flux of emitted photons($\mu mol/s$):13.496 Fluo. and blue light ratio:9.132 Fluorescent eff.:508.0

Electrical parameters

V = 2.753 V I = 1.800 A P = 4.955 W PF = 1.000 F=0.00 Hz

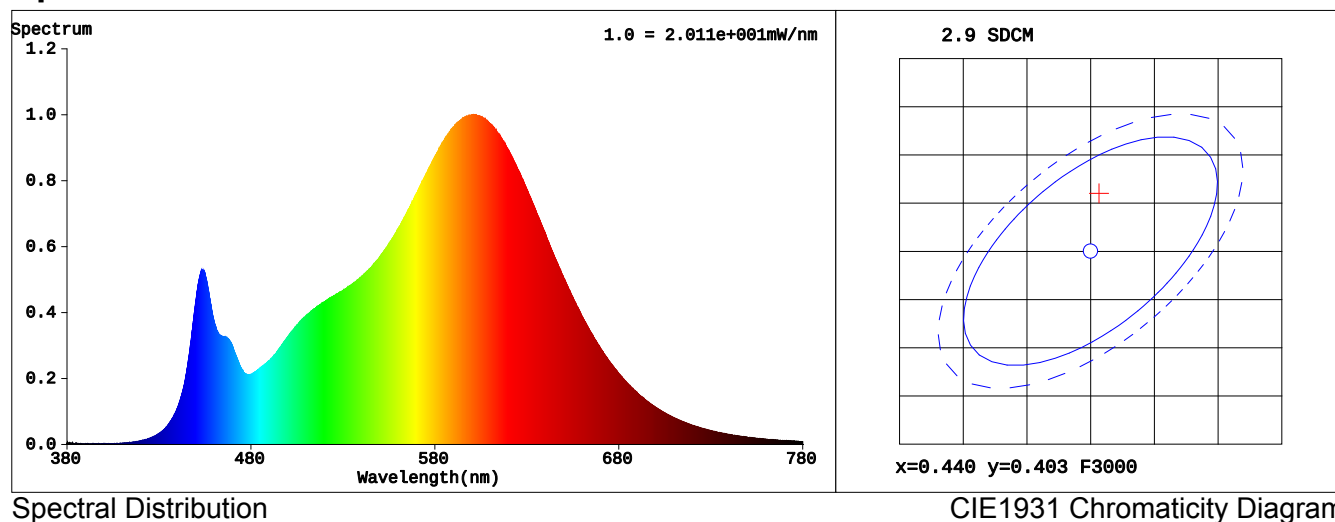
Spectrum Test Report

Sample	:		Date	:	2023-11-28 14:23:10
Specification	:	长方形180混动LED太阳能灯发光板	Standard	:	
Sample No.	:	6	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	XX
Assessor	:	LHK			
Remark	:	1.0127			

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	50768 (77%)
Test Mode	:	Accuracy Test	T	:	70 ms
Sensitivity	:	High			

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4407$ $y = 0.4090$ / $u' = 0.2509$ $v' = 0.5239$ ($duv=1.44e-03$) $Dx, Dy: 0.0021, 0.0044$
 CCT= 2978K Prcp WL: $L_d=582.4nm$ Purity=55.0%
 Peak WL: $L_p=601nm$ FWHM: $=112.1nm$ Ratio: R=22.7% G=74.5% B=2.8%

Render Index: $R_a = 80.0$

R1 =79 R2 =92 R3 =93 R4 =77 R5 =79 R6 =91 R7 =79
 R8 =52 R9 =0 R10=82 R11=76 R12=70 R13=82 R14=96 R15=69
 WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 953.33 lm Eff. : 192.38 lm/W $F_e = 2.7913 W$
 Flux of emitted photons($\mu mol/s$): 13.497 Fluo. and blue light ratio: 9.268 Fluorescent eff.: 508.5

Electrical parameters

V = 2.753 V I = 1.800 A P = 4.955 W PF = 1.000 F=0.00 Hz

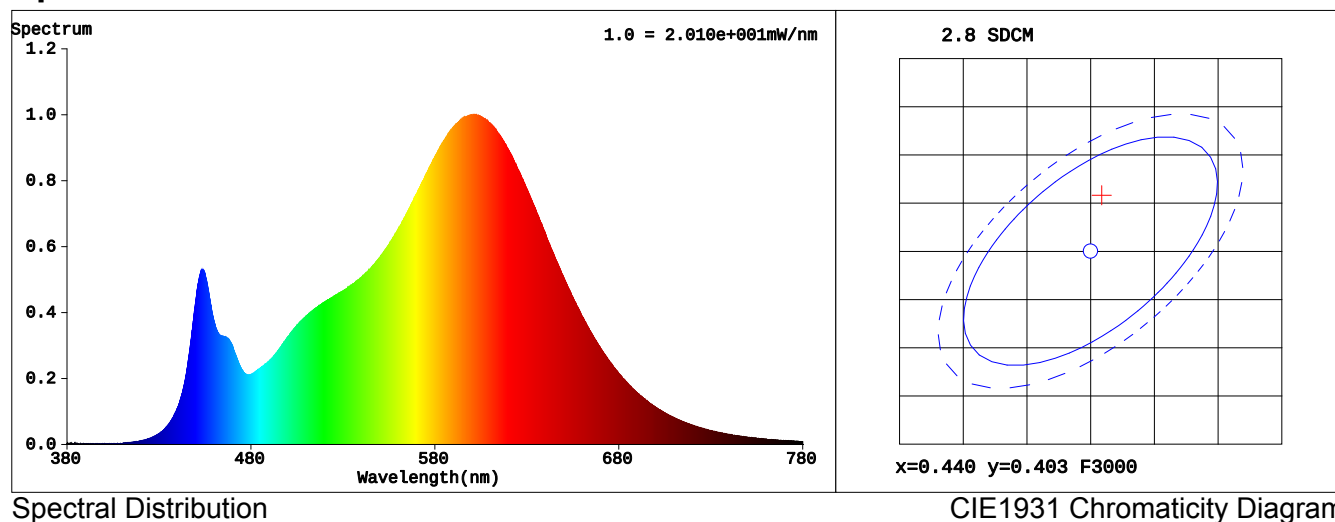
Spectrum Test Report

Sample	:		Date	:	2023-11-28 14:35:07
Specification	:	长方形180混动LED太阳能灯发光板	Standardtus	:	
Sample No.	:	7	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	XX
Assessor	:	LHK			
Remark	:	1.0127			

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	50745 (77%)
Test Mode	:	Accuracy Test	T	:	70 ms
Sensitivity	:	High			

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4409$ $y = 0.4088$ / $u' = 0.2511$ $v' = 0.5238$ ($duv=1.34e-03$) $Dx, Dy: 0.0020, 0.0041$
 CCT= 2973K Prpc WL: $L_d=582.5\text{nm}$ Purity=55.1%
 Peak WL: $L_p=602\text{nm}$ FWHM: $=111.9\text{nm}$ Ratio: R=22.7% G=74.5% B=2.8%

Render Index: $R_a = 80.1$

R1 =79 R2 =92 R3 =93 R4 =77 R5 =79 R6 =91 R7 =79
 R8 =52 R9 =0 R10=82 R11=76 R12=70 R13=82 R14=96 R15=69
 WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 951.20 lm Eff. : 192.02 lm/W $F_e = 2.7870 \text{ W}$
 Flux of emitted photons($\mu\text{mol/s}$): 13.479 Fluo. and blue light ratio: 9.341 Fluorescent eff.: 508.3

Electrical parameters

V = 2.752 V I = 1.800 A P = 4.954 W PF = 1.000 F=0.00 Hz

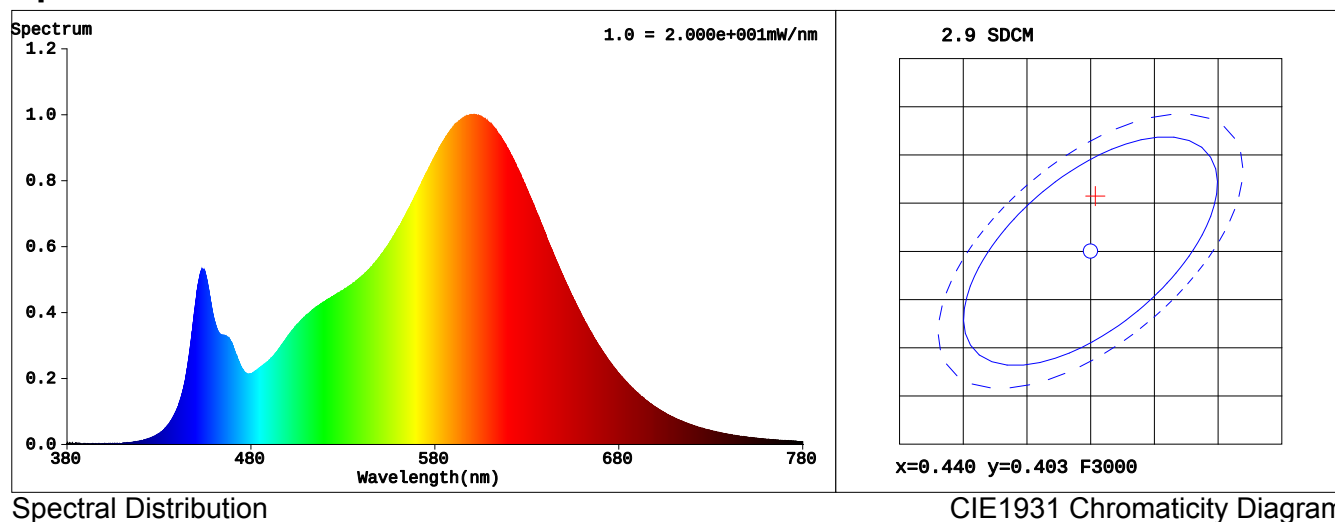
Spectrum Test Report

Sample	:		Date	:	2023-11-28 14:46:41
Specification	:	长方形180混动LED太阳能灯发光板	Standardtus	:	
Sample No.	:	8	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	XX
Assessor	:	LHK			
Remark	:	1.0127			

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	50517 (77%)
Test Mode	:	Accuracy Test	T	:	70 ms
Sensitivity	:	High			

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4404$ $y = 0.4087$ / $u' = 0.2508$ $v' = 0.5237$ ($duv=1.37e-03$) $Dx,Dy:0.0020,0.0042$
 CCT= 2981K Prpc WL: $L_d=582.4nm$ Purity=54.9%
 Peak WL: $L_p=601nm$ FWHM: $=112.1nm$ Ratio:R=22.7% G=74.5% B=2.8%

Render Index: $R_a = 80.1$

R1 =79 R2 =92 R3 =93 R4 =77 R5 =79 R6 =91 R7 =79
 R8 =52 R9 =0 R10=82 R11=76 R12=70 R13=82 R14=96 R15=69
 WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 948.68 lm Eff. : 191.65 lm/W $F_e = 2.7792 W$
 Flux of emitted photons($\mu mol/s$):13.437 Fluo. and blue light ratio:9.282 Fluorescent eff.:507.0

Electrical parameters

V = 2.750 V I = 1.800 A P = 4.950 W PF = 1.000 F=0.00 Hz

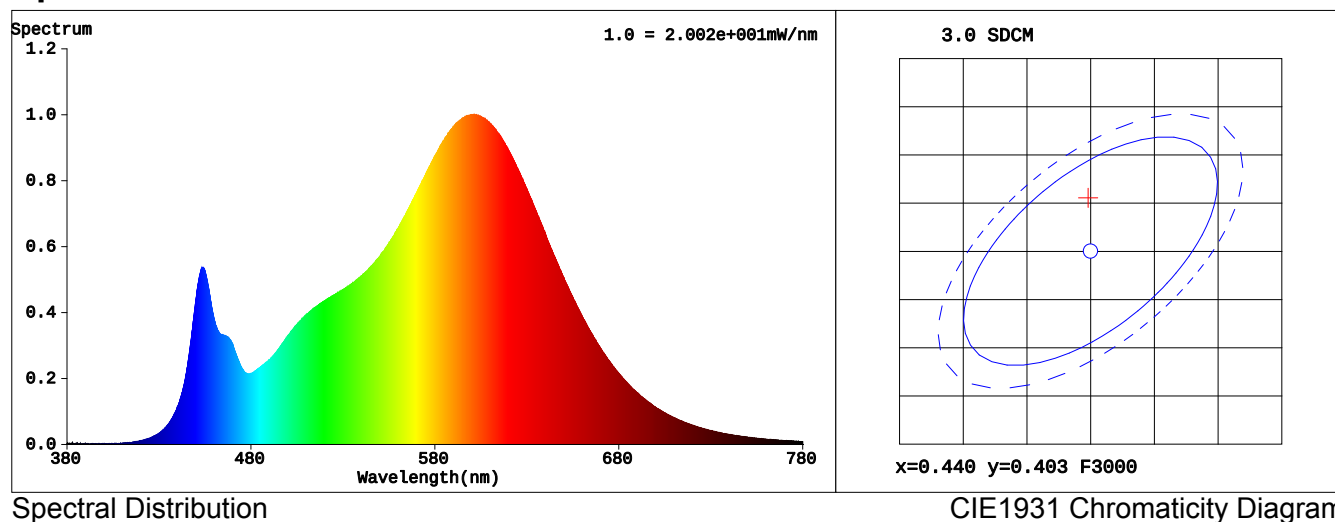
Spectrum Test Report

Sample	:	Date	: 2023-11-28 14:59:11
Specification	: 长方形180混动LED太阳能灯发光板	Standardtus	:
Sample No.	: 9	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: EVERFINE	Test by	: XX
Assessor	: LHK		
Remark	: 1.0127		

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 50564 (77%)
Test Mode	: Accuracy Test	T	: 70 ms
Sensitivity	: High		

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4398$ $y = 0.4085$ / $u' = 0.2505$ $v' = 0.5236$ ($duv=1.38e-03$) $Dx, Dy: 0.0020, 0.0042$

CCT= 2988K Prcp WL: $L_d=582.4nm$ Purity=54.7%

Peak WL: $L_p=601nm$ FWHM: $=112.6nm$ Ratio: R=22.6% G=74.6% B=2.8%

Render Index: $R_a = 80.1$

R1 =79 R2 =92 R3 =93 R4 =77 R5 =79 R6 =91 R7 =79

R8 =52 R9 =0 R10=82 R11=76 R12=70 R13=82 R14=96 R15=69

WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 951.41 lm Eff. : 192.20 lm/W $F_e = 2.7873 W$

Flux of emitted photons($\mu mol/s$): 13.473 Fluo. and blue light ratio: 9.118 Fluorescent eff.: 507.5

Electrical parameters

V = 2.750 V I = 1.800 A P = 4.950 W PF = 1.000 F=0.00 Hz

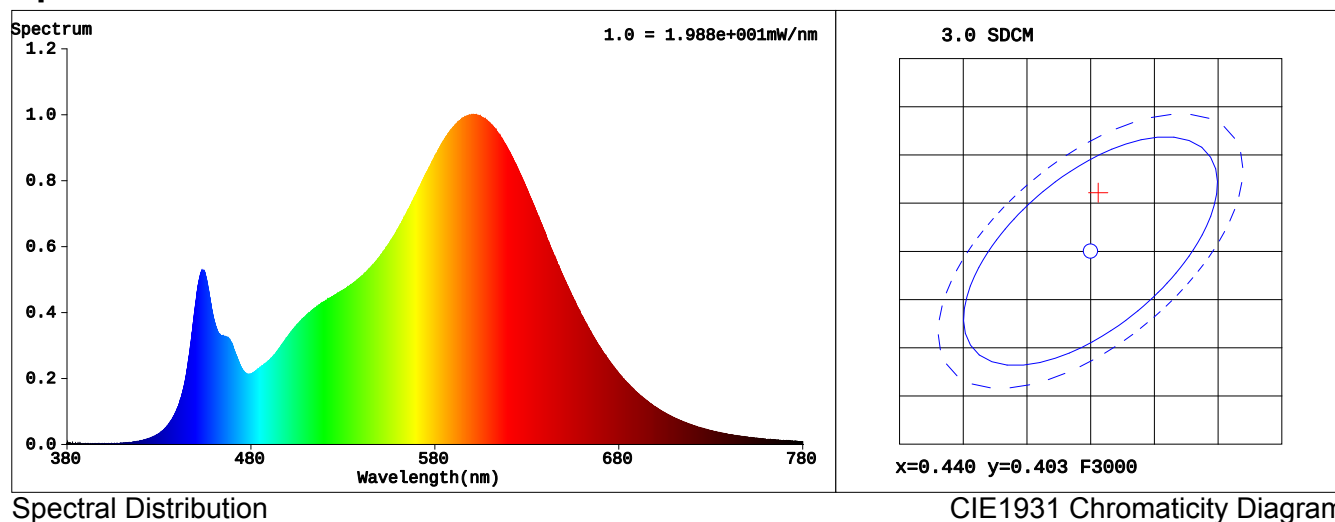
Spectrum Test Report

Sample	:		Date	:	2023-11-28 15:10:51
Specification	:	长方形180混动LED太阳能灯发光板	Standardtus	:	
Sample No.	:	10	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	XX
Assessor	:	LHK			
Remark	:	1.0127			

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	50237 (77%)
Test Mode	:	Accuracy Test	T	:	70 ms
Sensitivity	:	High			

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4406$ $y = 0.4091$ / $u' = 0.2508$ $v' = 0.5239$ ($duv=1.48e-03$) $Dx, Dy: 0.0022, 0.0045$
 CCT= 2980K Prpc WL: $L_d=582.4nm$ Purity=55.1%
 Peak WL: $L_p=600nm$ FWHM: $=112.2nm$ Ratio: R=22.7% G=74.5% B=2.8%

Render Index: $R_a = 80.1$

R1 =79 R2 =92 R3 =93 R4 =77 R5 =79 R6 =91 R7 =79
 R8 =52 R9 =0 R10=82 R11=76 R12=70 R13=82 R14=97 R15=69
 WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 943.00 lm Eff. : 190.37 lm/W $F_e = 2.7614 W$
 Flux of emitted photons($\mu mol/s$):13.353 Fluo. and blue light ratio:9.271 Fluorescent eff.:503.3

Electrical parameters

V = 2.752 V I = 1.800 A P = 4.954 W PF = 1.000 F=0.00 Hz