

Spectrum Test Report

Sample :
Specification : 佐拉混动LED太阳能灯发光板
Sample No. : 1
Manufacturer : EVERFINE
Assessor : LHK
Remark : 1.0093

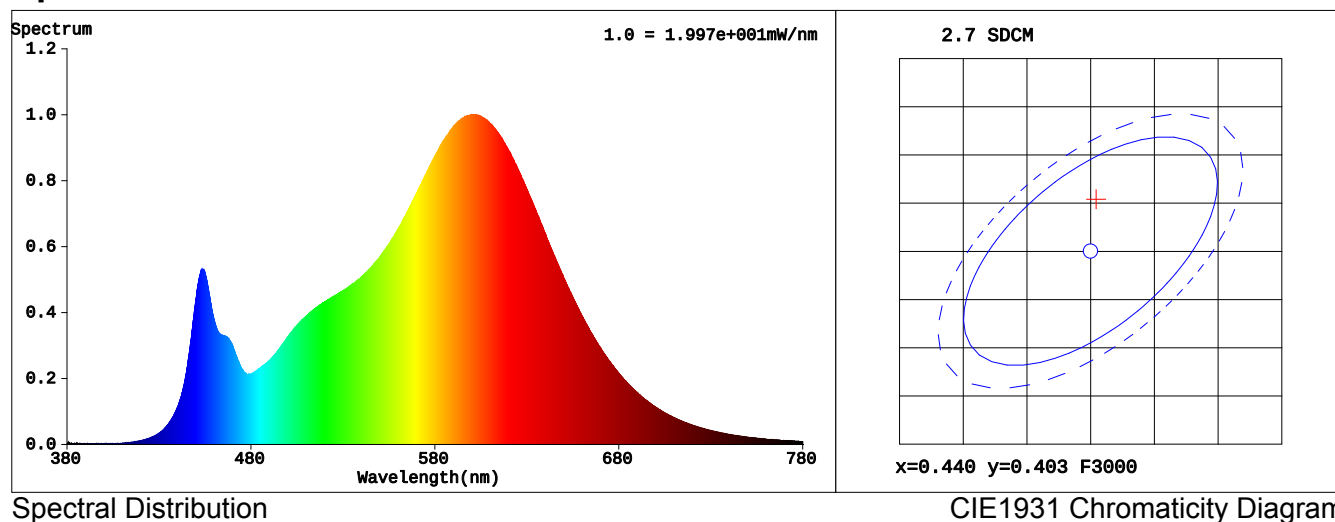
Date : 2023-11-29 08:38:51
Standardtus :
Instrument : HaasSuite(EVERFINE)
Test by : XX

Test Condition

Temperature : 25.3Deg
WL Range : 380nm-780nm
Test Mode : Accuracy Test
Sensitivity : High

RH : 65.0%
IP : 49872 (76%)
T : 69 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4404$ $y = 0.4084$ / $u' = 0.2510$ $v' = 0.5236$ ($duv=1.23e-03$) $Dx, Dy: 0.0018, 0.0037$

CCT= 2977K Prcp WL: $L_d=582.5nm$ Purity=54.8%

Peak WL: $L_p=600nm$ FWHM: $=111.8nm$ Ratio: $R=22.7\%$ $G=74.5\%$ $B=2.8\%$

Render Index: $R_a = 80.0$

$R_1 = 79$ $R_2 = 92$ $R_3 = 93$ $R_4 = 77$ $R_5 = 79$ $R_6 = 91$ $R_7 = 79$

$R_8 = 52$ $R_9 = 0$ $R_{10} = 82$ $R_{11} = 76$ $R_{12} = 70$ $R_{13} = 82$ $R_{14} = 96$ $R_{15} = 69$

WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 946.10 lm Eff. : 193.81 lm/W $F_e = 2.7735 W$

Flux of emitted photons($\mu mol/s$):13.41 Fluo. and blue light ratio:9.316 Fluorescent eff.:513.2

Electrical parameters

$V = 2.712 V$ $I = 1.800 A$ $P = 4.882 W$ PF = 1.000 F=0.00 Hz

Spectrum Test Report

Sample :
Specification : 佐拉混动LED太阳能灯发光板
Sample No. : 2
Manufacturer : EVERFINE
Assessor : LHK
Remark : 1.0093

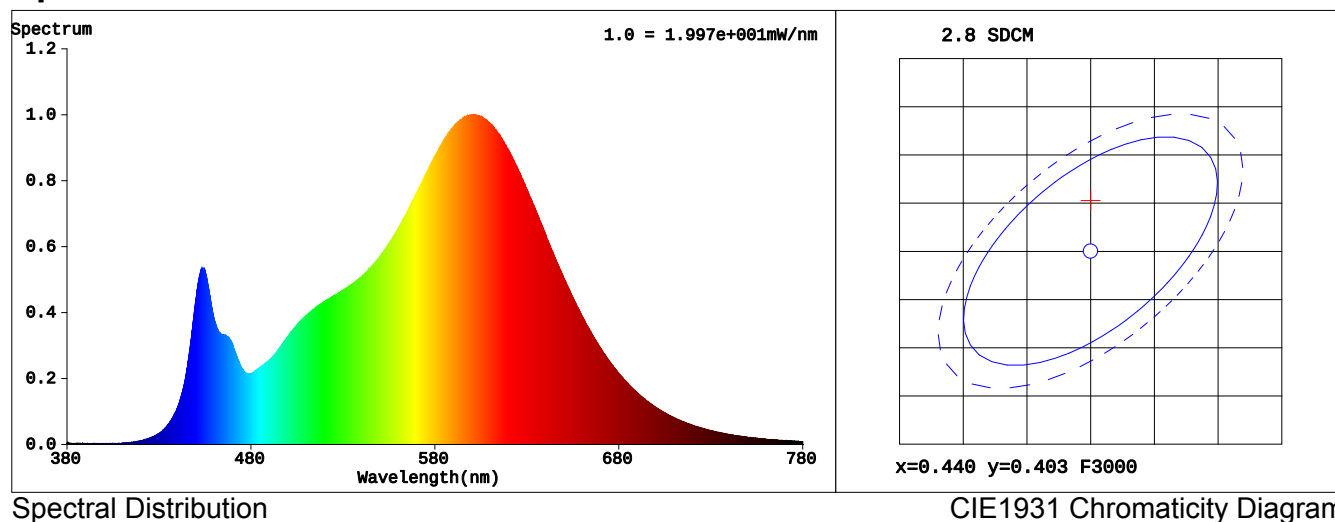
Date : 2023-11-29 08:50:20
Standardtus :
Instrument : HaasSuite(EVERFINE)
Test by : XX

Test Condition

Temperature : 25.3Deg
WL Range : 380nm-780nm
Test Mode : Accuracy Test
Sensitivity : High

RH : 65.0%
IP : 49880 (76%)
T : 69 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4400$ $y = 0.4083$ / $u' = 0.2507$ $v' = 0.5235$ ($duv=1.24e-03$) $Dx, Dy: 0.0018, 0.0038$

CCT= 2983K Prcp WL: $L_d=582.5nm$ Purity=54.6%

Peak WL: $L_p=601nm$ FWHM: $=112.1nm$ Ratio: $R=22.7\%$ $G=74.5\%$ $B=2.8\%$

Render Index: $R_a = 80.1$

$R_1 = 79$ $R_2 = 92$ $R_3 = 93$ $R_4 = 77$ $R_5 = 79$ $R_6 = 91$ $R_7 = 79$

$R_8 = 52$ $R_9 = 0$ $R_{10} = 82$ $R_{11} = 76$ $R_{12} = 70$ $R_{13} = 82$ $R_{14} = 96$ $R_{15} = 69$

WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 946.74 lm Eff. : 193.58 lm/W $F_e = 2.7756 W$

Flux of emitted photons($\mu mol/s$): 13.418 Flu. and blue light ratio: 9.038 Fluorescent eff.: 511.1

Electrical parameters

$V = 2.717 V$ $I = 1.800 A$ $P = 4.891 W$ PF = 1.000 F=0.00 Hz

Spectrum Test Report

Sample :
Specification : 佐拉混动LED太阳能灯发光板
Sample No. : 3
Manufacturer : EVERFINE
Assessor : LHK
Remark : 1.0093

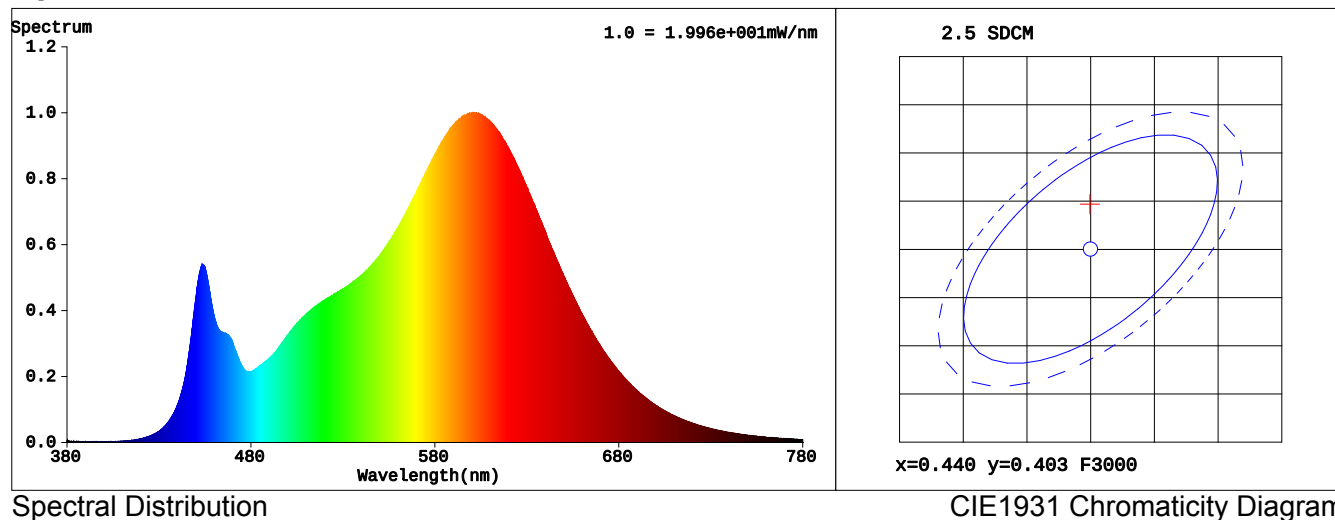
Date : 2023-11-29 09:02:14
Standardtus :
Instrument : HaasSuite(EVERFINE)
Test by : XX

Test Condition

Temperature : 25.3Deg
WL Range : 380nm-780nm
Test Mode : Accuracy Test
Sensitivity : High

RH : 65.0%
IP : 49815 (76%)
T : 69 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4399$ $y = 0.4077$ / $u' = 0.2510$ $v' = 0.5232$ ($duv=1.02e-03$) $Dx, Dy: 0.0015, 0.0031$

CCT= 2979K Prcp WL: $L_d=582.6nm$ Purity=54.4%

Peak WL: $L_p=601nm$ FWHM: $=111.8nm$ 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=71 R13=82 R14=96 R15=70

WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 944.96 lm Eff. : 193.72 lm/W $F_e = 2.7737 W$

Flux of emitted photons($\mu mol/s$): 13.408 Fluo. and blue light ratio: 9.090 Fluorescent eff.: 512.4

Electrical parameters

V = 2.710 V I = 1.800 A P = 4.878 W PF = 1.000 F=0.00 Hz

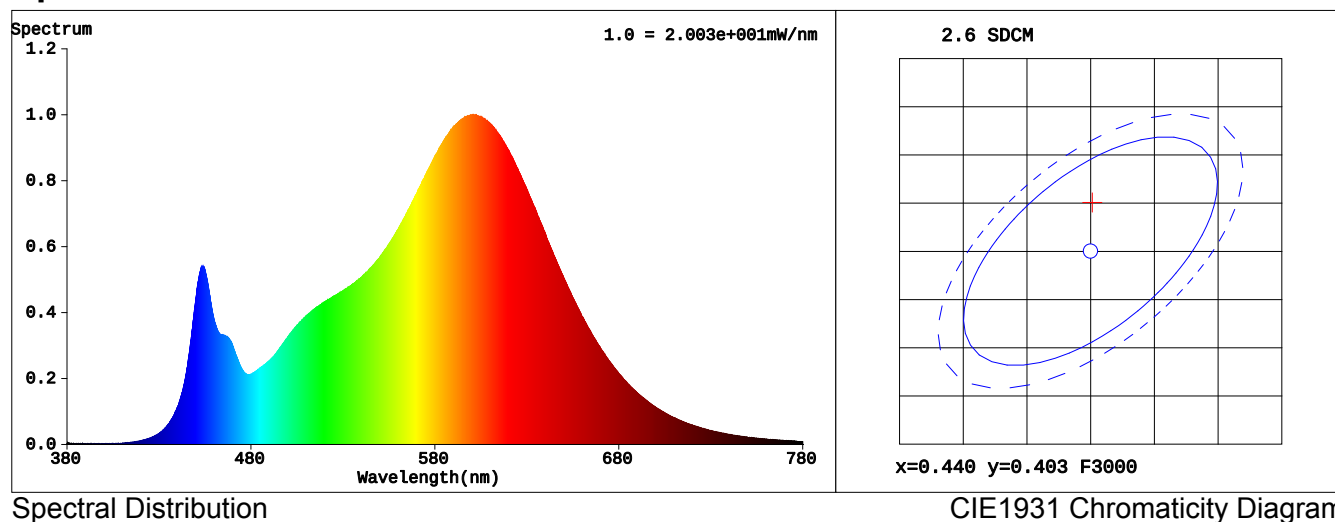
Spectrum Test Report

Sample	:		Date	:	2023-11-29 09:13:40
Specification	:	佐拉混动LED太阳能灯发光板	Standard	:	
Sample No.	:	4	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	XX
Assessor	:	LHK			
Remark	:	1.0093			

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	49976 (76%)
Test Mode	:	Accuracy Test	T	:	69 ms
Sensitivity	:	High			

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4401$ $y = 0.4081$ / $u' = 0.2509$ $v' = 0.5234$ ($duv=1.15e-03$) $Dx, Dy: 0.0017, 0.0035$
 CCT= 2979K Prcp WL: $L_d=582.5nm$ Purity=54.6%
 Peak WL: $L_p=601nm$ FWHM: $=111.8nm$ 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 = 948.16 lm Eff. : 194.66 lm/W $F_e = 2.7804 W$
 Flux of emitted photons($\mu mol/s$): 13.442 Fluo. and blue light ratio: 9.144 Fluorescent eff.: 514.7

Electrical parameters

V = 2.706 V I = 1.800 A P = 4.871 W PF = 1.000 F=0.00 Hz

Spectrum Test Report

Sample :
Specification : 佐拉混动LED太阳能灯发光板
Sample No. : 5
Manufacturer : EVERFINE
Assessor : LHK
Remark : 1.0093

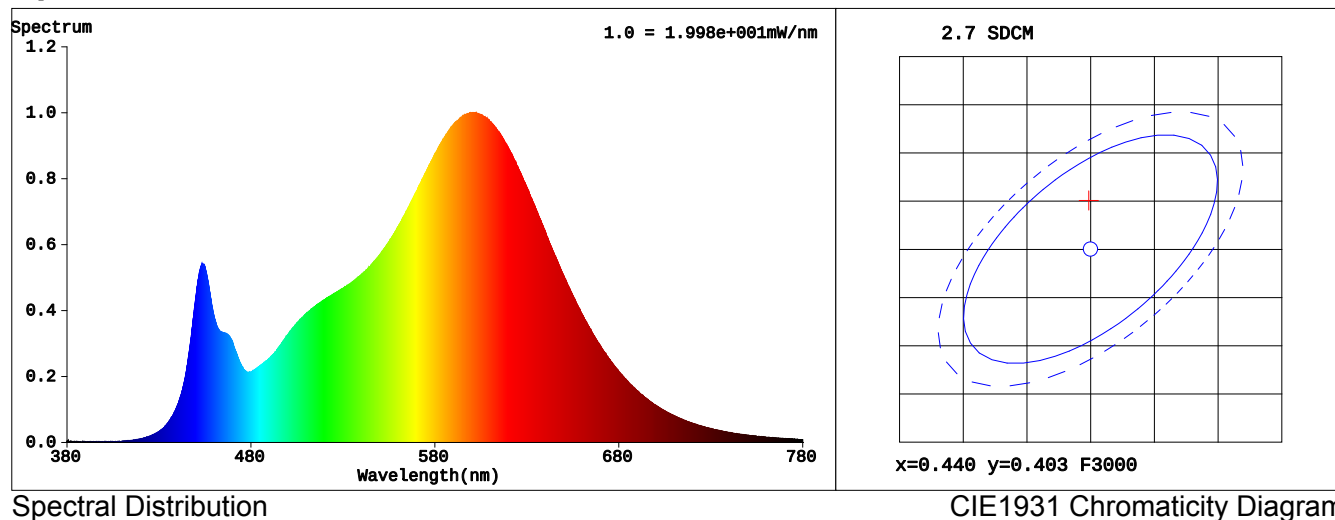
Date : 2023-11-29 09:25:15
Standardtus :
Instrument : HaasSuite(EVERFINE)
Test by : XX

Test Condition

Temperature : 25.3Deg
WL Range : 380nm-780nm
Test Mode : Accuracy Test
Sensitivity : High

RH : 65.0%
IP : 49880 (76%)
T : 69 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4399$ $y = 0.4081$ / $u' = 0.2507$ $v' = 0.5234$ ($duv=1.18e-03$) $Dx, Dy: 0.0017, 0.0036$

CCT= 2984K Prpc WL: $L_d=582.5nm$ Purity=54.5%

Peak WL: $L_p=602nm$ FWHM: $=112.3nm$ Ratio: $R=22.7\%$ $G=74.5\%$ $B=2.8\%$

Render Index: $R_a = 80.1$

$R_1 = 79$ $R_2 = 92$ $R_3 = 93$ $R_4 = 77$ $R_5 = 79$ $R_6 = 91$ $R_7 = 79$

$R_8 = 52$ $R_9 = 0$ $R_{10} = 82$ $R_{11} = 76$ $R_{12} = 70$ $R_{13} = 82$ $R_{14} = 96$ $R_{15} = 69$

WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 947.82 lm Eff. : 194.52 lm/W $F_e = 2.7792 W$

Flux of emitted photons($\mu mol/s$): 13.434 Fluo. and blue light ratio: 9.182 Fluorescent eff.: 514.5

Electrical parameters

$V = 2.707 V$ $I = 1.800 A$ $P = 4.873 W$ PF = 1.000 F=0.00 Hz

Spectrum Test Report

Sample :
Specification : 佐拉混动LED太阳能灯发光板
Sample No. : 6
Manufacturer : EVERFINE
Assessor : LHK
Remark : 1.0093

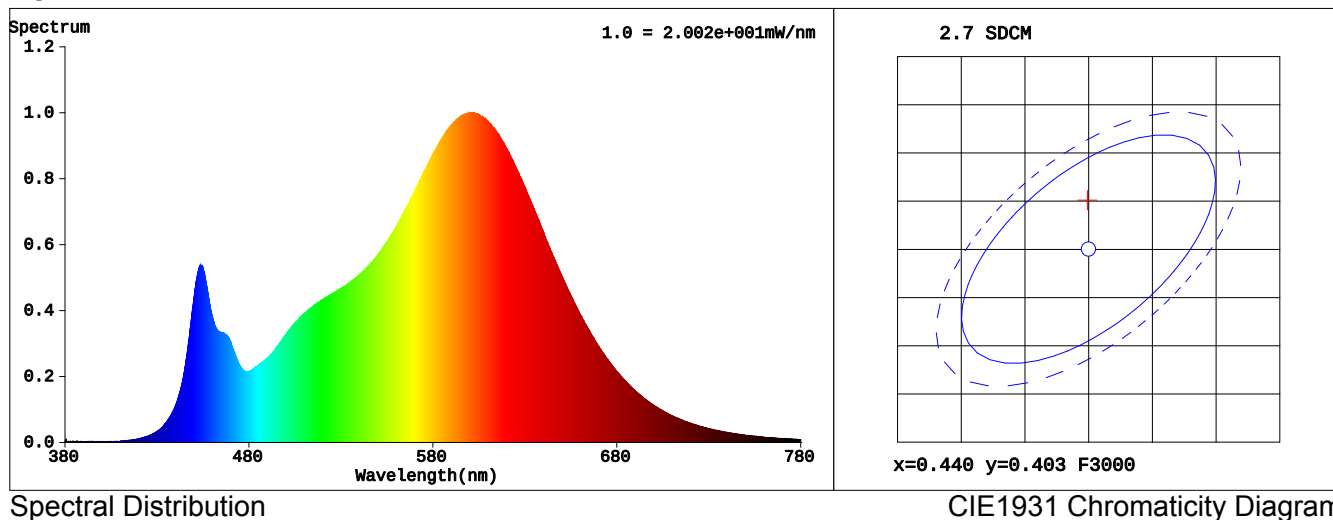
Date : 2023-11-29 09:36:53
Standardtus :
Instrument : HaasSuite(EVERFINE)
Test by : XX

Test Condition

Temperature : 25.3Deg
WL Range : 380nm-780nm
Test Mode : Accuracy Test
Sensitivity : High

RH : 65.0%
IP : 49975 (76%)
T : 69 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4399$ $y = 0.4081$ / $u' = 0.2508$ $v' = 0.5234$ ($duv=1.19e-03$) $Dx, Dy: 0.0018, 0.0036$

CCT= 2983K Prpc WL: $L_d=582.5nm$ Purity=54.5%

Peak WL: $L_p=602nm$ FWHM: $=112.2nm$ Ratio: $R=22.7\%$ $G=74.5\%$ $B=2.8\%$

Render Index: $R_a = 80.1$

$R_1 = 79$ $R_2 = 92$ $R_3 = 93$ $R_4 = 77$ $R_5 = 79$ $R_6 = 91$ $R_7 = 79$

$R_8 = 52$ $R_9 = 0$ $R_{10} = 82$ $R_{11} = 76$ $R_{12} = 70$ $R_{13} = 82$ $R_{14} = 96$ $R_{15} = 69$

WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 948.67 lm Eff. : 194.84 lm/W $F_e = 2.7824 W$

Flux of emitted photons($\mu mol/s$):13.45 Fluo. and blue light ratio:9.129 Fluorescent eff.:515.1

Electrical parameters

$V = 2.705 V$ $I = 1.800 A$ $P = 4.869 W$ PF = 1.000 F=0.00 Hz

Spectrum Test Report

Sample :
Specification : 佐拉混动LED太阳能灯发光板
Sample No. : 7
Manufacturer : EVERFINE
Assessor : LHK
Remark : 1.0093

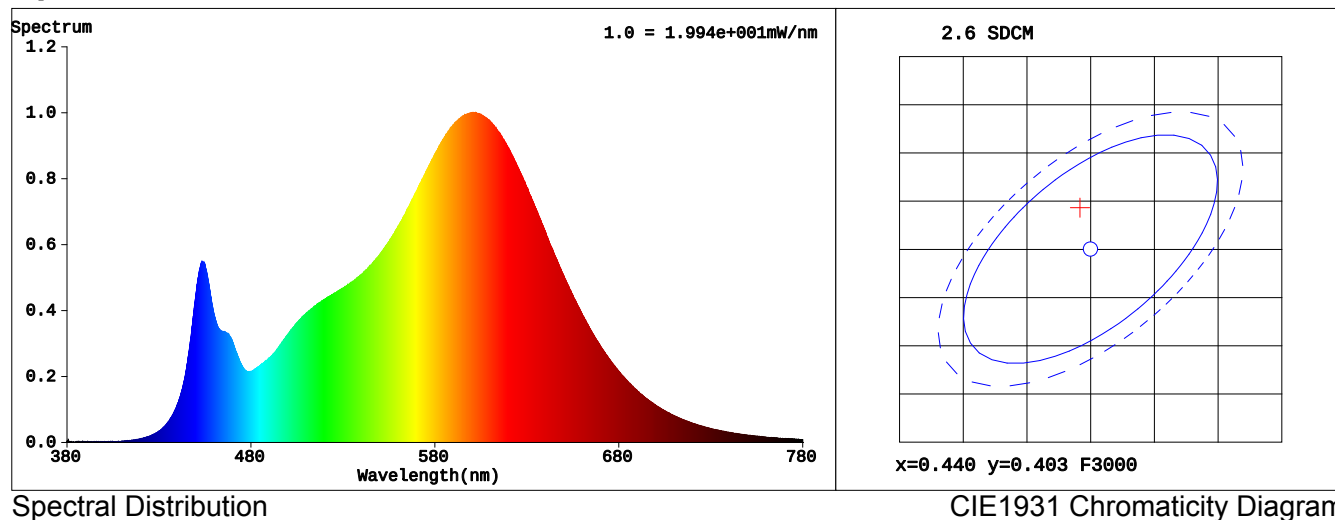
Date : 2023-11-29 09:48:06
Standardtus :
Instrument : HaasSuite(EVERFINE)
Test by : XX

Test Condition

Temperature : 25.3Deg
WL Range : 380nm-780nm
Test Mode : Accuracy Test
Sensitivity : High

RH : 65.0%
IP : 49793 (76%)
T : 69 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4392$ $y = 0.4073$ / $u' = 0.2506$ $v' = 0.5230$ ($duv=9.80e-04$) $Dx,Dy:0.0014,0.0030$

CCT= 2989K Prpc WL: $L_d=582.5nm$ Purity=54.1%

Peak WL: $L_p=602nm$ FWHM: $=112.3nm$ 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=70

WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 946.39 lm Eff. : 194.44 lm/W $F_e = 2.7779 W$

Flux of emitted photons($\mu mol/s$):13.424 Fluo. and blue light ratio:9.009 Fluorescent eff.:513.8

Electrical parameters

V = 2.704 V I = 1.800 A P = 4.867 W PF = 1.000 F=0.00 Hz

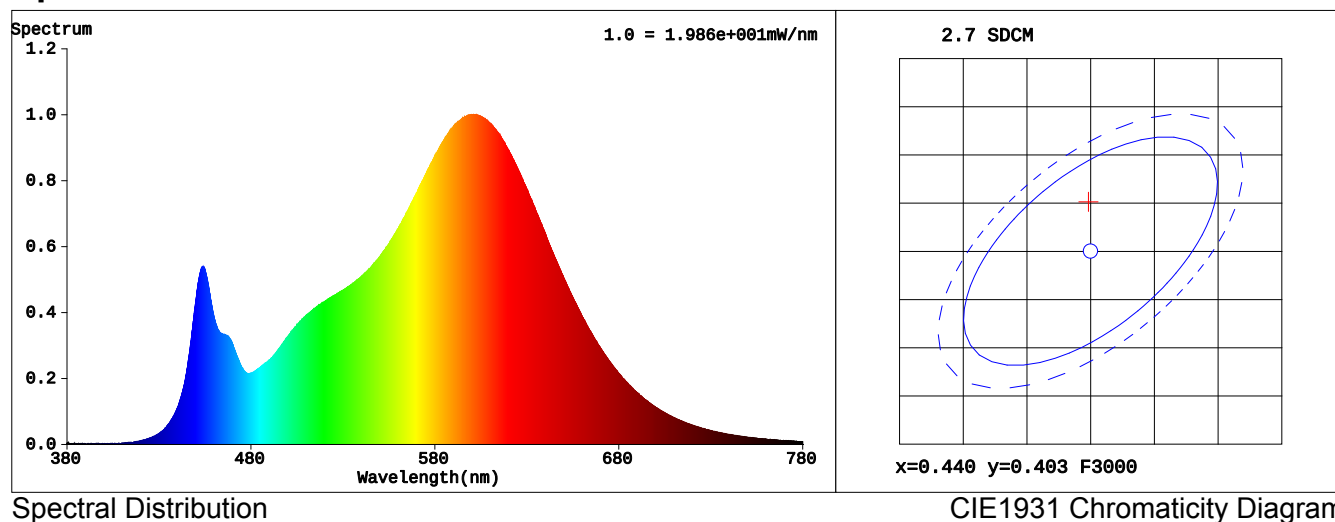
Spectrum Test Report

Sample	:		Date	:	2023-11-29 09:59:39
Specification	:	佐拉混动LED太阳能灯发光板	Standard	:	
Sample No.	:	8	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	XX
Assessor	:	LHK			
Remark	:	1.0093			

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	49607 (76%)
Test Mode	:	Accuracy Test	T	:	69 ms
Sensitivity	:	High			

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4398$ $y = 0.4081$ / $u' = 0.2507$ $v' = 0.5234$ ($duv=1.21e-03$) $Dx,Dy:0.0018,0.0037$
 CCT= 2985K Prcp WL: $L_d=582.5nm$ Purity=54.5%
 Peak WL: $L_p=601nm$ FWHM: $=112.3nm$ 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 = 942.72 lm Eff. : 193.40 lm/W $F_e = 2.7644 W$
 Flux of emitted photons($\mu mol/s$):13.363 Fluo. and blue light ratio:9.234 Fluorescent eff.:511.8

Electrical parameters

V = 2.708 V I = 1.800 A P = 4.874 W PF = 1.000 F=0.00 Hz

Spectrum Test Report

Sample :
Specification : 佐拉混动LED太阳能灯发光板
Sample No. : 9
Manufacturer : EVERFINE
Assessor : LHK
Remark : 1.0093

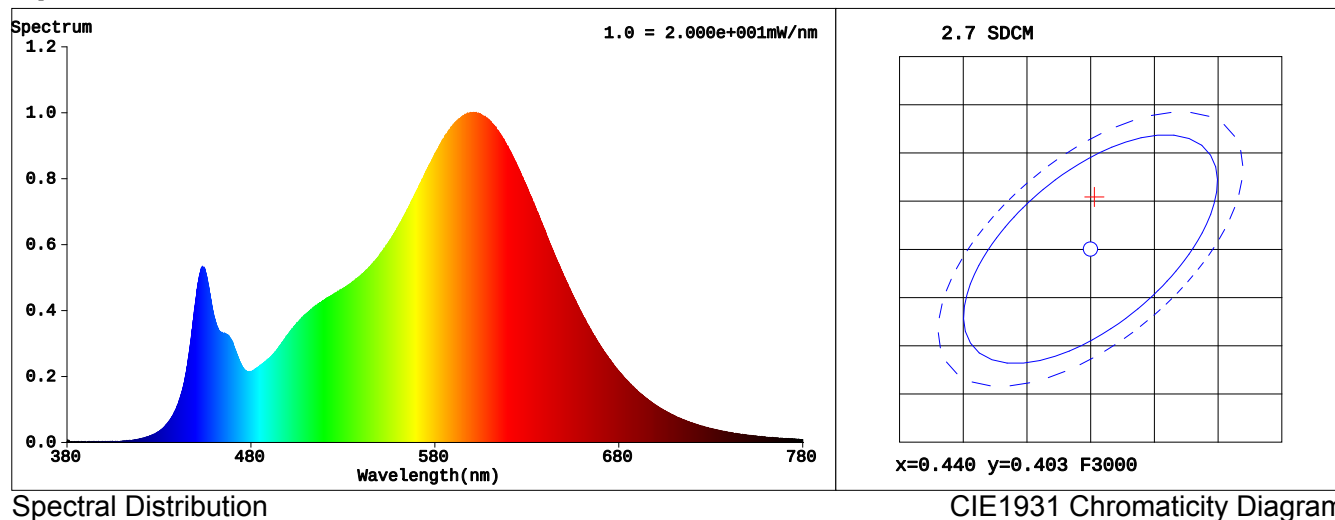
Date : 2023-11-29 10:10:55
Standardtus :
Instrument : HaasSuite(EVERFINE)
Test by : XX

Test Condition

Temperature : 25.3Deg
WL Range : 380nm-780nm
Test Mode : Accuracy Test
Sensitivity : High

RH : 65.0%
IP : 49963 (76%)
T : 69 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4403$ $y = 0.4084$ / $u' = 0.2509$ $v' = 0.5236$ ($duv=1.27e-03$) $Dx, Dy: 0.0019, 0.0038$

CCT= 2979K Prcp WL: $L_d=582.5nm$ Purity=54.8%

Peak WL: $L_p=601nm$ FWHM: $=111.9nm$ 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 = 947.76 lm Eff. : 194.22 lm/W $F_e = 2.7779 W$

Flux of emitted photons($\mu mol/s$):13.431 Fluo. and blue light ratio:9.189 Fluorescent eff.:513.5

Electrical parameters

V = 2.711 V I = 1.800 A P = 4.880 W PF = 1.000 F=0.00 Hz

Spectrum Test Report

Sample :
Specification : 佐拉混动LED太阳能灯发光板
Sample No. : 10
Manufacturer : EVERFINE
Assessor : LHK
Remark : 1.0093

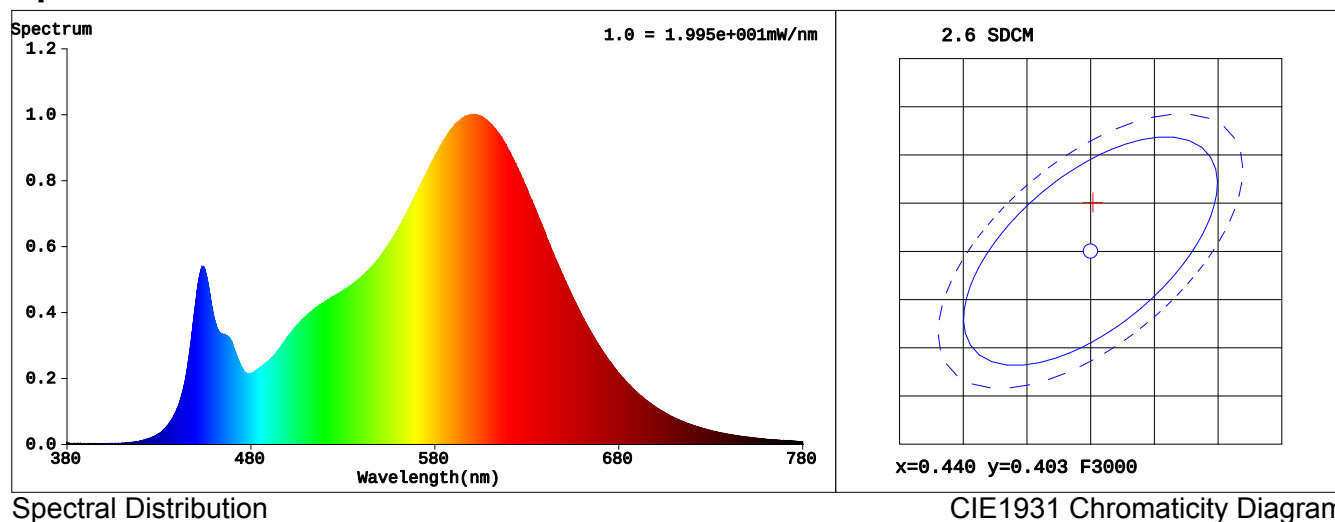
Date : 2023-11-29 10:22:47
Standardtus :
Instrument : HaasSuite(EVERFINE)
Test by : XX

Test Condition

Temperature : 25.3Deg
WL Range : 380nm-780nm
Test Mode : Accuracy Test
Sensitivity : High

RH : 65.0%
IP : 49836 (76%)
T : 69 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4402$ $y = 0.4081$ / $u' = 0.2509$ $v' = 0.5234$ ($duv=1.14e-03$) $Dx, Dy: 0.0017, 0.0035$

CCT= 2978K Prcp WL: $L_d=582.5nm$ Purity=54.6%

Peak WL: $L_p=601nm$ FWHM: $=111.9nm$ 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 = 945.22 lm Eff. : 193.84 lm/W $F_e = 2.7728 W$

Flux of emitted photons($\mu mol/s$): 13.406 Fluo. and blue light ratio: 9.148 Fluorescent eff.: 512.7

Electrical parameters

V = 2.709 V I = 1.800 A P = 4.876 W PF = 1.000 F=0.00 Hz