

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

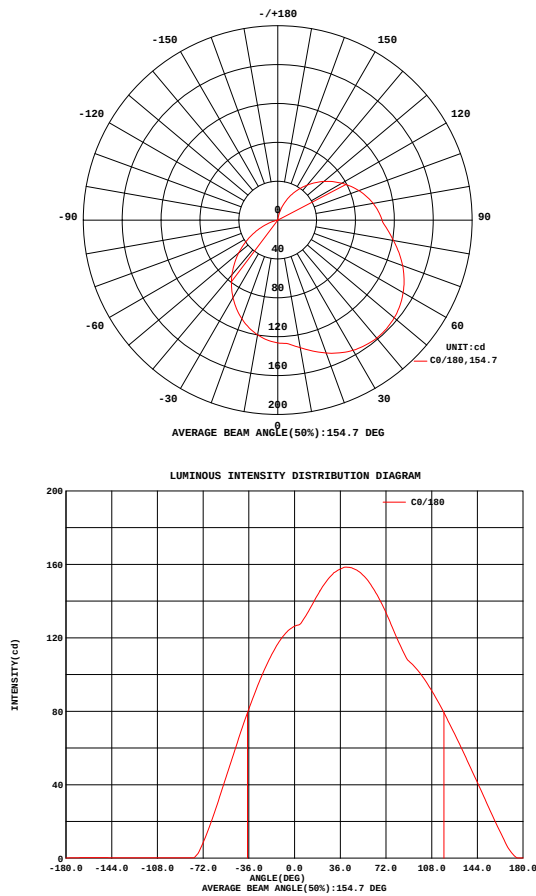


Fig. C0/C180

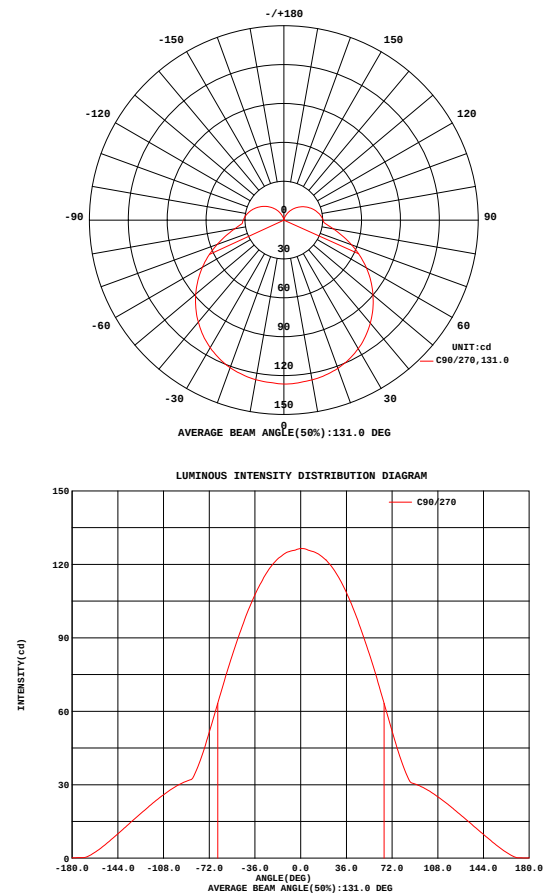


Fig. C90/C270

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: YT
Test Date: 2023-12-06

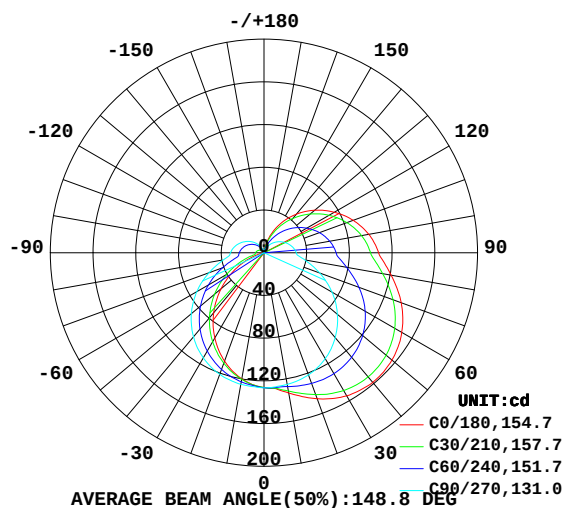
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity: 52.2%
Test Distance: 1.200m [K=0.9640]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

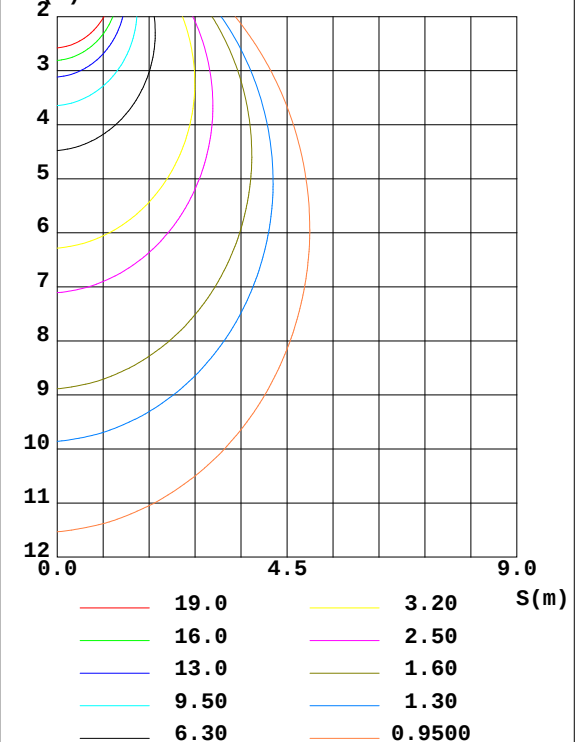
NAME: 佐拉混动LED太阳能灯	TYPE: 6912401345	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: B2023122302
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 83.36 lm/W
MODEL		Imax(cd)	158.4	S/MH(C0/180)	1.85	
NOMINAL POWER(W)	8.69	LOR(%)	100.0	S/MH(C90/270)	1.35	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	724.52	η UP, DN(C0-180)	12.0, 35.8	
NOMINAL FLUX(lm)	724.522	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	13.7, 38.5	
LAMPS INSIDE	1	η up(%)	25.7	CIBSE SHR NOM	1.50	
TEST VOLTAGE(V)	230.607	η down(%)	74.3	CIBSE SHR MAX	1.55	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: YT
 Test Date: 2023-12-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
 Humidity: 52.2%
 Test Distance: 1.200m [K=0.9640]
 Remarks:

ZONAL FLUX DIAGRAM

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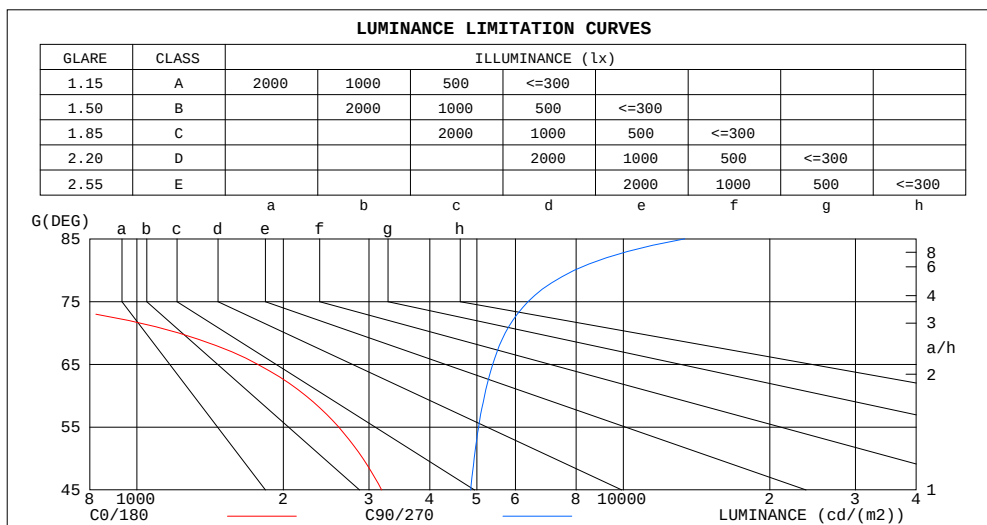
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	120.0	121.4	125.1	129.4	133.3	129.5	125.2	121.8	0- 10	12.01	12.01	1.66,1.66
20	108.1	113.0	121.1	135.9	145.5	136.2	121.8	113.7	10- 20	35.47	47.48	6.55,6.55
30	92.21	101.2	113.7	140.3	154.7	141.0	114.6	101.9	20- 30	56.59	104.1	14.4,14.4
40	73.39	86.39	102.7	140.4	158.4	141.6	103.8	87.29	30- 40	72.85	176.9	24.4,24.4
50	52.46	69.21	88.84	135.8	156.4	137.2	89.76	70.22	40- 50	82.15	259.1	35.8,35.8
60	31.14	50.15	72.59	126.4	148.9	128.0	73.53	51.21	50- 60	83.37	342.4	47.3,47.3
70	11.66	31.29	54.75	112.6	136.7	114.3	55.54	32.10	60- 70	76.70	419.1	57.9,57.9
80	0.2040	17.25	38.57	96.99	120.9	98.35	38.76	17.16	70- 80	64.58	483.7	66.8,66.8
90	0.1977	15.96	31.42	85.80	107.3	86.11	30.32	15.32	80- 90	54.33	538.1	74.3,74.3
100	0.1947	14.62	28.75	79.58	99.69	80.00	27.84	14.13	90-100	49.57	587.6	81.1,81.1
110	0.1903	12.75	25.11	70.63	89.00	71.27	24.36	12.42	100-110	43.51	631.1	87.1,87.1
120	0.1944	10.49	20.86	59.72	76.06	60.35	20.30	10.29	110-120	35.29	666.4	92,92
130	0.2129	7.983	16.39	47.44	62.07	48.10	15.91	7.892	120-130	26.15	692.6	95.6,95.6
140	0.2418	5.375	11.76	34.43	47.21	35.09	11.47	5.358	130-140	17.26	709.8	98,98
150	0.2711	2.887	7.215	21.52	32.13	22.04	7.080	2.957	140-150	9.639	719.5	99.3,99.3
160	0.2912	0.8945	3.081	9.436	17.08	10.46	3.070	1.093	150-160	4.061	723.5	99.9,99.9
170	0.2570	0.2596	0.2797	1.223	3.881	2.017	0.2503	0.1562	160-170	0.9436	724.5	100,100
180	0.1286	0.1451	0.1483	0.1580	0.1345	0.1335	0.1359	0.1392	170-180	0.0442	724.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:YT
Test Date:2023-12-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity:52.2%
Test Distance:1.200m [K=0.9640]
Remarks:

LUMINANCE LIMITATION CURVES

NAME: 佐拉混动LED太阳能灯	TYPE: 6912401345	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: B2023122302
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	84	13379
80	42	7933
75	535	6373
70	1218	5717
65	1771	5388
60	2225	5185
55	2601	5042
50	2915	4936
45	3185	4856

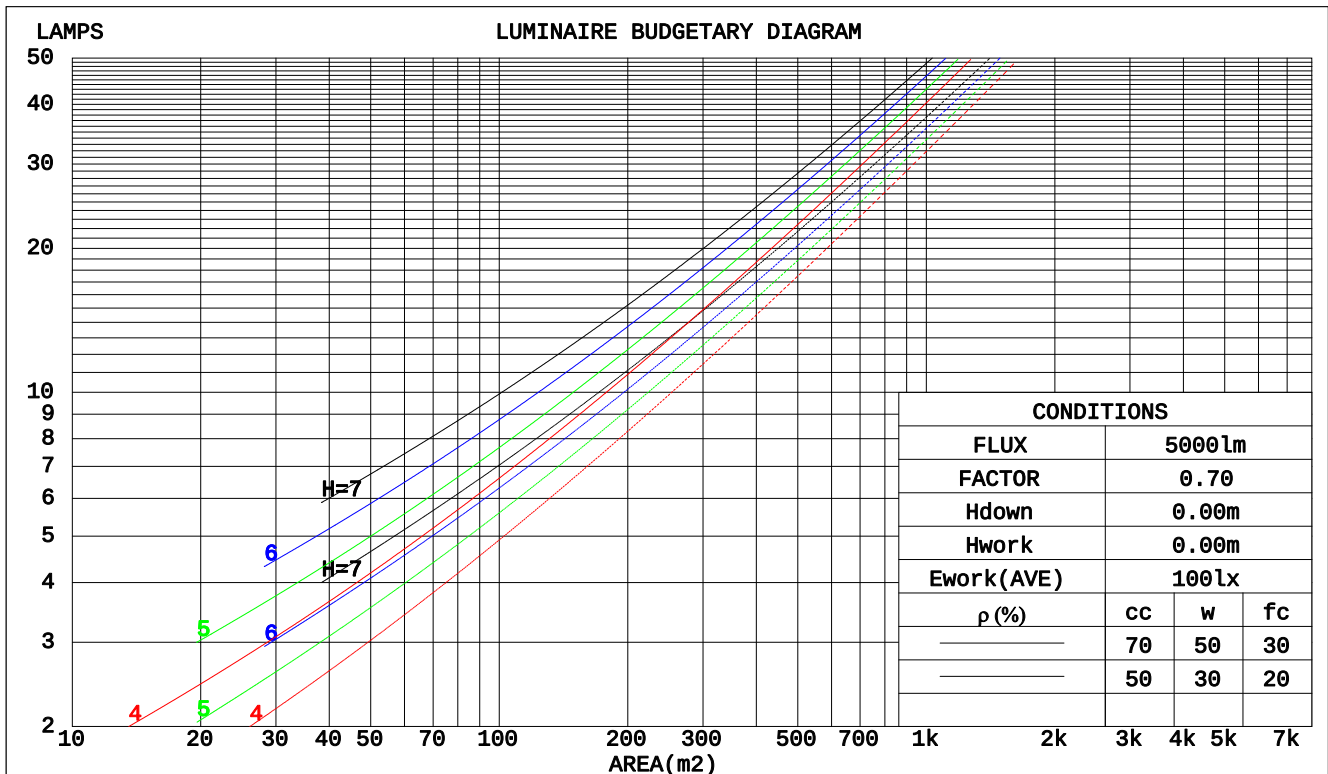
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Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: 佐拉混动LED太阳能灯	TYPE: 6912401345	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: B2023122302
MFR.:	SUR.:	Shielding Angle:

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	Coefficients of Utilization(CU)															
RCR:Room Cavity Ratio	1.13	1.13	1.13	1.07	1.07	1.07	.97	.97	.97	.87	.87	.87	.78	.78	.78	.74
0.0	.94	.88	.84	.89	.84	.80	.80	.76	.73	.72	.69	.66	.64	.62	.59	.55
1.0	.80	.72	.66	.76	.69	.63	.68	.62	.58	.61	.56	.52	.54	.51	.48	.44
2.0	.69	.60	.53	.66	.58	.51	.59	.52	.47	.53	.47	.43	.47	.43	.39	.36
3.0	.61	.51	.44	.58	.49	.43	.52	.45	.39	.46	.41	.36	.41	.37	.33	.30
4.0	.54	.44	.37	.51	.42	.36	.46	.39	.33	.41	.35	.31	.37	.32	.28	.25
5.0	.48	.39	.32	.46	.37	.31	.41	.34	.29	.37	.31	.26	.33	.28	.24	.22
6.0	.43	.34	.28	.41	.33	.27	.37	.30	.25	.34	.28	.23	.30	.25	.21	.19
7.0	.39	.31	.25	.37	.29	.24	.34	.27	.22	.31	.25	.20	.28	.23	.19	.17
8.0	.36	.27	.22	.34	.26	.21	.31	.24	.20	.28	.22	.18	.26	.21	.17	.15
9.0	.33	.25	.20	.31	.24	.19	.29	.22	.18	.26	.20	.16	.24	.19	.15	.13
10.0																



C Range: 0 - 360DEG
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γ Range: 0 - 180DEG
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 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
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 Remarks:

WEC AND CCEC

NAME: 佐拉混动LED太阳能灯	TYPE: 6912401345	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: B2023122302
MFR.:	SUR.:	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0	
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.384	.218	.069	.369	.210	.067	.341	.196	.062	.315	.182	.058	.291	.169	.054		
2.0	.331	.182	.056	.318	.175	.054	.292	.162	.050	.269	.151	.047	.247	.140	.044		
3.0	.294	.156	.047	.282	.151	.045	.258	.140	.043	.237	.130	.040	.217	.120	.037		
4.0	.265	.137	.040	.253	.133	.039	.232	.123	.037	.213	.114	.034	.194	.106	.032		
5.0	.240	.123	.035	.230	.118	.034	.211	.110	.032	.193	.102	.030	.176	.094	.028		
6.0	.220	.110	.032	.211	.107	.031	.193	.099	.029	.177	.092	.027	.161	.085	.025		
7.0	.203	.100	.028	.195	.097	.028	.178	.090	.026	.163	.084	.024	.149	.077	.023		
8.0	.188	.092	.026	.180	.089	.025	.166	.083	.024	.151	.077	.022	.138	.071	.021		
9.0	.176	.085	.024	.168	.082	.023	.154	.076	.022	.141	.071	.020	.129	.066	.019		
10.0	.164	.079	.022	.158	.076	.021	.145	.071	.020	.132	.066	.019	.121	.061	.017		

ρ _{CC}	80%			70%			50%			30%			10%			0
ρ _W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ _{fC}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.387	.387	.387	.330	.330	.330	.225	.225	.225	.130	.130	.130	.041	.041	.041	
1.0	.383	.353	.326	.328	.303	.281	.224	.209	.194	.129	.121	.113	.041	.039	.037	
2.0	.377	.331	.292	.323	.285	.253	.221	.197	.176	.127	.115	.103	.041	.037	.034	
3.0	.369	.315	.271	.317	.271	.235	.217	.189	.165	.126	.110	.097	.040	.036	.032	
4.0	.362	.302	.257	.310	.261	.223	.213	.182	.157	.123	.107	.093	.040	.035	.031	
5.0	.354	.293	.247	.304	.253	.215	.209	.177	.152	.121	.104	.090	.039	.034	.030	
6.0	.347	.285	.240	.298	.247	.209	.206	.173	.148	.119	.102	.088	.038	.033	.029	
7.0	.340	.278	.235	.292	.241	.205	.202	.169	.145	.117	.100	.087	.038	.033	.029	
8.0	.333	.273	.232	.287	.237	.202	.198	.166	.143	.115	.098	.085	.037	.032	.028	
9.0	.327	.268	.229	.282	.233	.199	.195	.164	.142	.114	.097	.084	.037	.032	.028	
10.0	.321	.264	.226	.277	.229	.197	.192	.161	.140	.112	.095	.084	.036	.031	.028	

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: YT
Test Date: 2023-12-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity: 52.2%
Test Distance: 1.200m [K=0.9640]
Remarks:

UGR(Unified Glare Rating) Table

NAME: 佐拉混动LED太阳能灯						TYPE:6912401345					WEIGHT:				
SPEC.:						DIM.:					SERIAL No.:B2023122302				
MFR.:						SUR.:					Shielding Angle:				
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3					
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3					
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2					
Room dimensions						Viewed crosswise					Viewed endwise				
x = 2H y = 2H	12.4	13.7	13.0	14.3	15.0	15.8	17.1	16.4	17.7	18.4					
3H	12.8	14.0	13.4	14.6	15.4	17.9	19.1	18.6	19.8	20.5					
4H	12.8	13.9	13.4	14.5	15.3	19.0	20.1	19.7	20.8	21.6					
6H	12.6	13.7	13.3	14.3	15.1	20.2	21.2	20.8	21.9	22.7					
8H	12.5	13.6	13.2	14.2	15.1	20.8	21.8	21.5	22.5	23.3					
12H	12.5	13.4	13.1	14.1	15.0	21.6	22.5	22.2	23.2	24.1					
4H 2H	13.4	14.5	14.0	15.1	15.9	16.0	17.1	16.7	17.8	18.6					
3H	14.0	15.0	14.7	15.7	16.5	18.3	19.3	19.0	20.0	20.8					
4H	14.0	14.9	14.7	15.6	16.5	19.6	20.5	20.3	21.2	22.1					
6H	13.9	14.7	14.6	15.4	16.3	21.0	21.8	21.7	22.5	23.4					
8H	13.8	14.6	14.6	15.3	16.2	21.8	22.5	22.5	23.3	24.2					
12H	13.8	14.4	14.5	15.2	16.1	22.7	23.4	23.5	24.2	25.1					
8H 4H	14.9	15.6	15.6	16.4	17.3	19.6	20.4	20.4	21.1	22.0					
6H	14.9	15.6	15.7	16.4	17.3	21.2	21.9	22.0	22.6	23.6					
8H	14.9	15.5	15.7	16.3	17.3	22.2	22.8	23.0	23.6	24.5					
12H	14.9	15.4	15.7	16.2	17.2	23.4	23.9	24.2	24.7	25.7					
12H 4H	15.2	15.8	15.9	16.6	17.5	19.6	20.2	20.3	21.0	21.9					
6H	15.5	16.1	16.3	16.9	17.8	21.2	21.8	22.0	22.6	23.5					
8H	15.7	16.2	16.5	17.0	18.0	22.3	22.8	23.1	23.6	24.6					
Variations with the observer position at spacings:															
S = 1.0H	+ 0.2 / - 0.3					+ 0.1 / - 0.1									
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.2									
2.0H	+ 0.3 / - 0.5					+ 0.2 / - 0.3									

CIE Pub.117, 724.5 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -1.1)
Area: 0.028 m2

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:YT
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γ Range: 0 - 180DEG
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Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity:52.2%
Test Distance:1.200m [K=0.9640]
Remarks:

UTILIZATION FACTORS TABLE

NAME: 佐拉混动LED太阳能灯	TYPE: 6912401345	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: B2023122302
MFR.:	SUR.:	Shielding Angle:

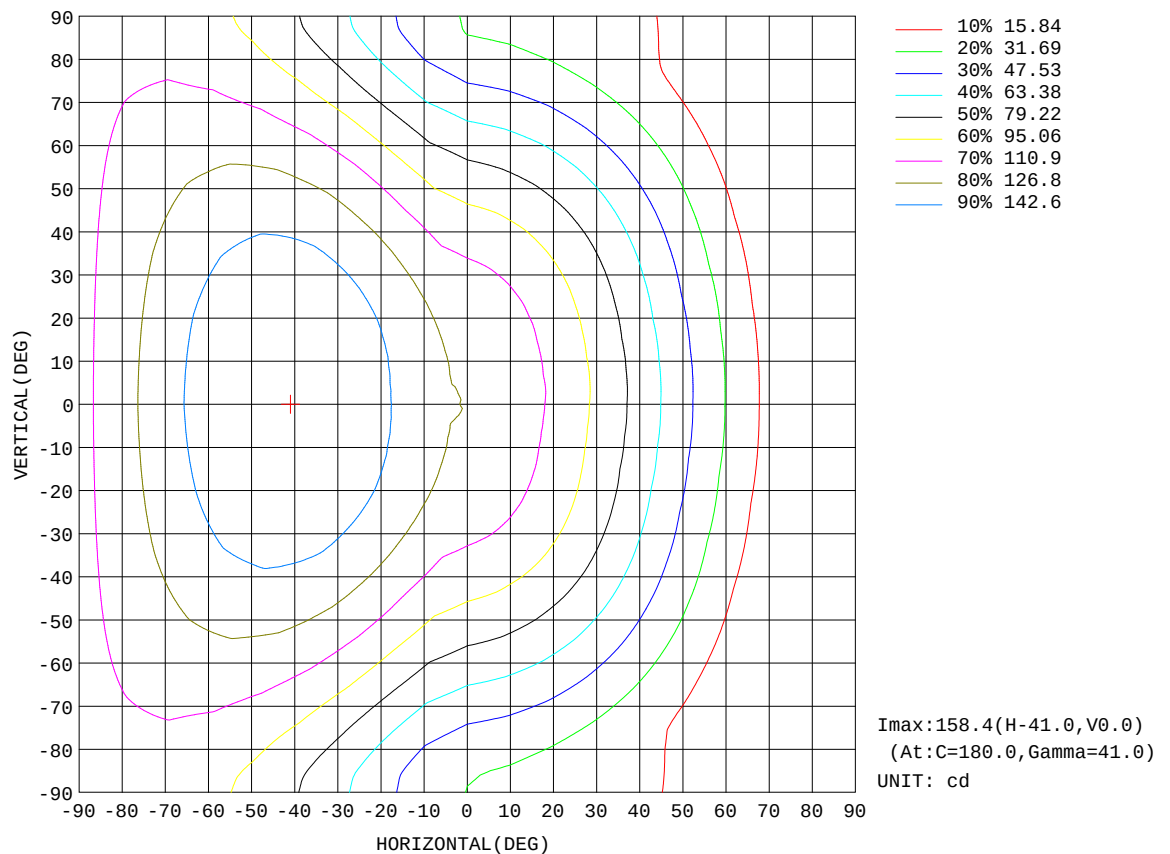
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	45	32	25	44	32	25	41	31	24	17
0.80	54	41	33	52	40	32	49	38	31	23
1.00	62	48	40	59	47	39	55	47	38	28
1.25	69	56	47	66	54	46	61	51	44	33
1.50	74	61	52	71	59	51	65	56	49	37
2.00	81	70	61	78	67	59	71	63	56	43
2.50	86	75	67	82	72	65	75	67	61	46
3.00	90	80	72	85	77	70	78	71	65	50
4.00	94	86	79	90	83	76	82	76	71	54
5.00	98	90	84	93	86	81	84	79	74	57
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNM = 1.25										

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ISOCANDELA DIAGRAM

NAME: 佐拉混动LED太阳能灯	TYPE: 6912401345	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: B2023122302
MFR.:	SUR.:	Shielding Angle:

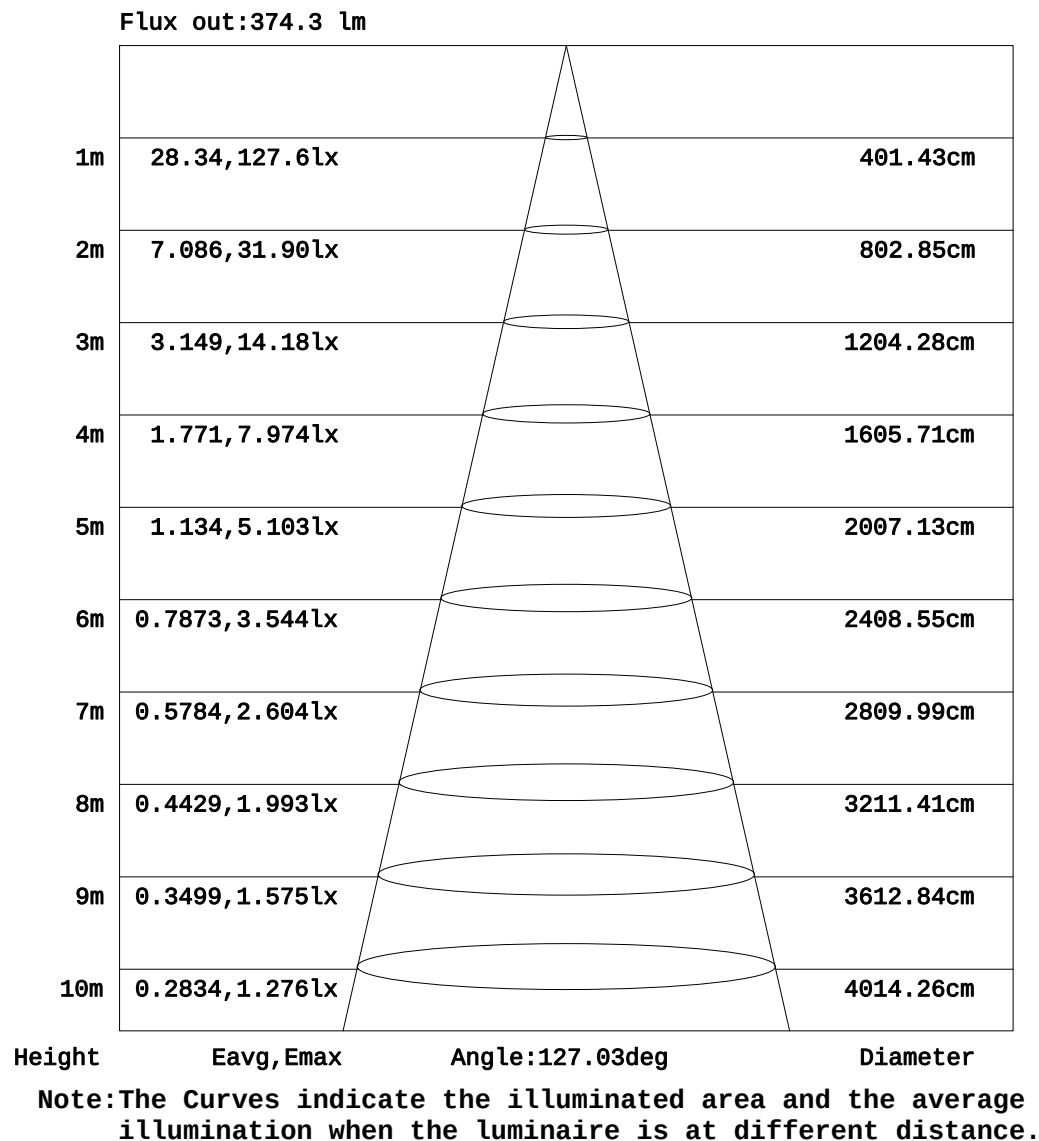


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AAI Figure

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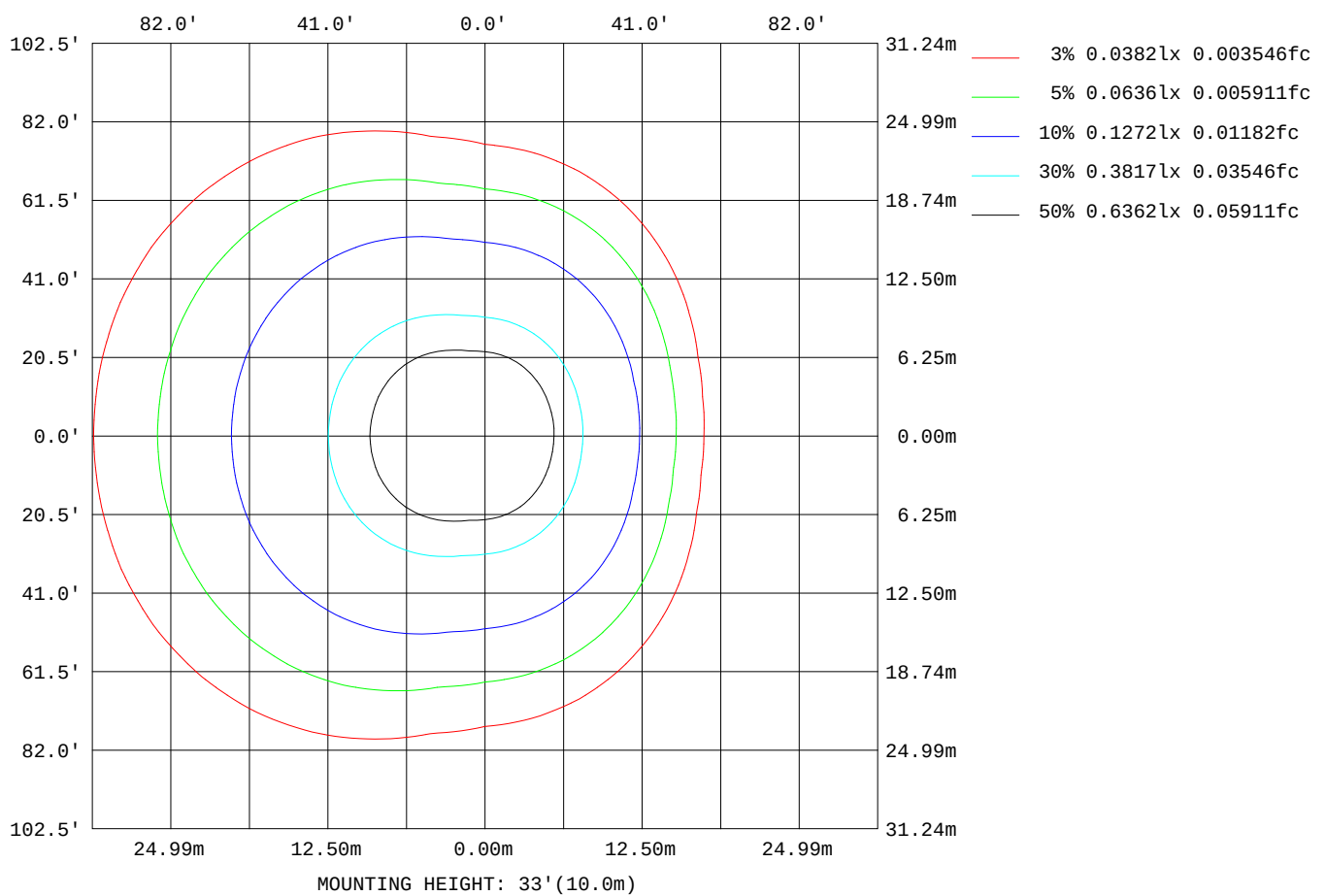


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ISOLUX DIAGRAM

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LED Avg.L Report

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SPEC.:	DIM.:	SERIAL No.: B2023122302
MFR.:	SUR.:	Shielding Angle:

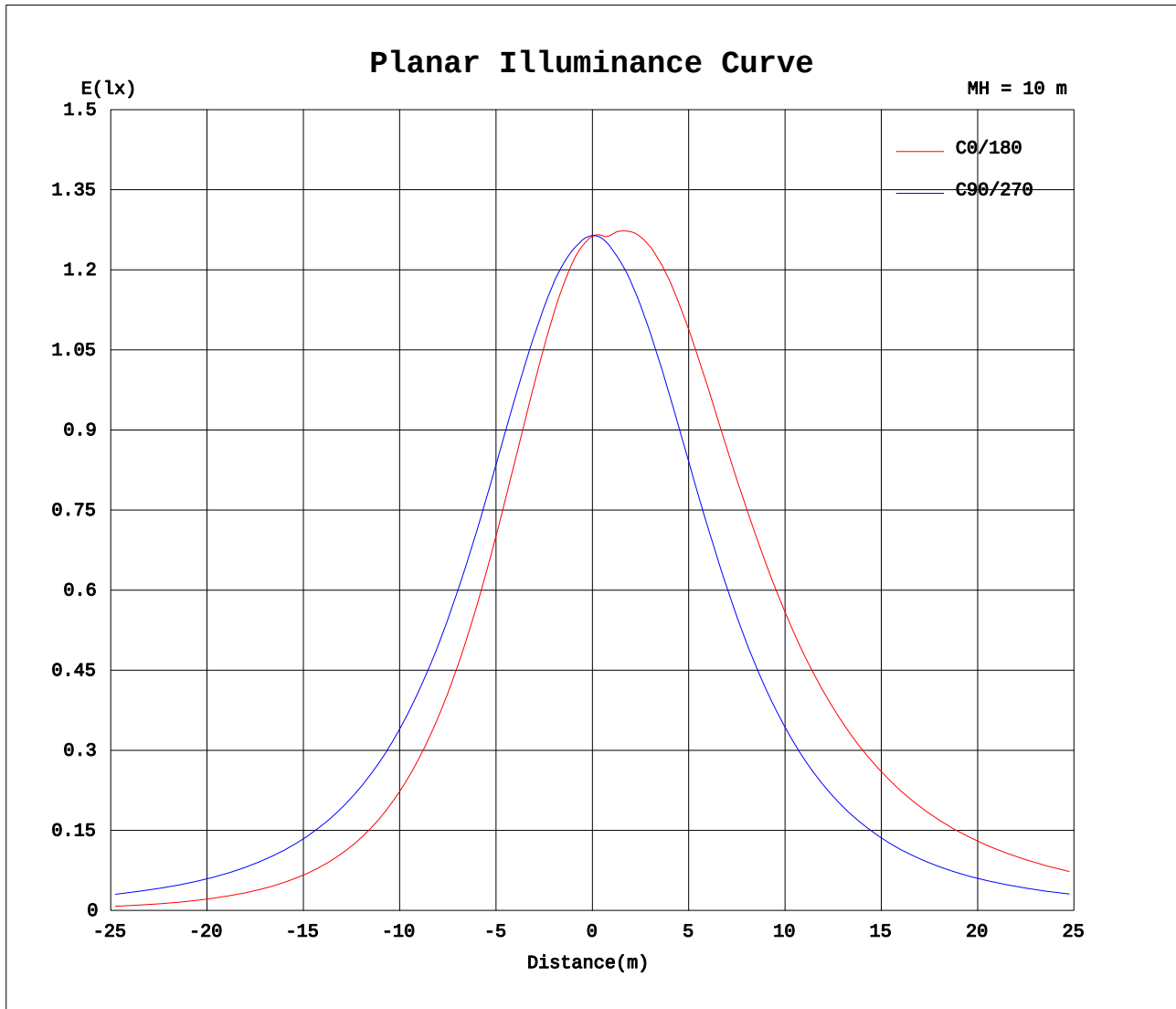
AvgL	cd/m2
L_0~180(65)av	6947
L_0~180(75)av	9169
L_0~180(85)av	23244
L_90~270(65)av	5424
L_90~270(75)av	6405
L_90~270(85)av	13314
L_45(65)av	6849
L_45(75)av	8921
L_45(85)av	21909

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: YT
Test Date: 2023-12-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity: 52.2%
Test Distance: 1.200m [K=0.9640]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: YT
 Test Date: 2023-12-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
 Humidity: 52.2%
 Test Distance: 1.200m [K=0.9640]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: 佐拉混动LED太阳能灯	TYPE: 6912401345	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: B2023122302
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(°) \ γ (°)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	126	126	126	126	126	126	126	126	126	126	126	127	126	126	127	126	126	126	126
5	124	124	124	124	124	124	125	125	125	126	126	126	127	127	127	127	128	128	128
10	120	120	120	120	121	122	123	123	124	125	125	126	127	129	130	132	133	133	133
15	115	115	115	116	117	118	120	121	122	123	124	126	129	131	134	136	138	139	139
20	108	108	109	110	112	114	116	118	120	121	122	126	130	134	138	141	144	145	145
25	101	101	102	103	106	109	112	114	116	118	119	124	130	136	141	145	148	150	151
30	92.2	92.1	93.5	96.2	99.5	103	106	109	112	114	116	122	130	137	144	148	152	154	155
35	83.1	83.2	84.8	88.2	92.1	96.2	100	104	106	109	112	120	129	137	145	150	154	156	157
40	73.4	73.6	75.6	79.5	84.0	88.8	93.3	97.2	100	103	107	116	126	136	145	151	155	157	158
45	63.1	63.3	65.6	70.2	75.5	80.7	85.7	90.0	93.5	96.1	101	112	123	134	143	150	155	157	158
50	52.5	52.7	55.3	60.4	66.3	72.2	77.6	82.2	86.1	88.8	94.4	106	119	131	141	148	153	155	156
55	41.8	42.0	44.9	50.3	56.6	63.0	69.0	74.0	78.1	81.0	87.2	100.0	114	126	137	145	150	152	153
60	31.1	31.3	34.5	40.2	46.8	53.5	60.0	65.4	69.6	72.6	79.4	93.0	108	121	132	140	145	148	149
65	21.0	21.1	24.4	30.3	37.1	44.0	50.6	56.4	60.7	63.8	71.2	85.5	101	114	126	134	140	142	143
70	11.7	11.8	15.2	21.1	27.8	34.8	41.5	47.4	51.8	54.7	62.6	77.4	92.8	107	118	127	133	135	137
75	3.88	3.94	7.35	13.2	19.8	26.5	33.0	38.8	43.4	46.2	54.2	69.3	84.8	99.0	111	119	125	128	129
80	0.20	0.20	3.26	8.49	14.2	20.3	26.3	31.6	36.0	38.6	46.6	61.7	77.3	91.2	103	111	117	120	121
85	0.20	0.20	3.16	8.25	13.7	19.1	23.8	27.8	30.8	32.7	40.4	55.2	70.6	84.4	95.7	104	110	112	113
90	0.20	0.19	3.04	8.01	13.3	18.6	23.2	27.1	30.0	31.4	38.5	52.7	67.3	80.4	91.2	99.4	104	107	107
95	0.20	0.19	2.88	7.68	12.8	17.9	22.4	26.1	28.8	30.3	37.1	50.8	65.1	77.9	88.2	96.2	101	103	104
100	0.19	0.19	2.67	7.26	12.2	17.0	21.3	24.9	27.4	28.7	35.1	48.4	62.2	74.6	84.6	92.2	96.7	98.8	99.7
105	0.19	0.19	2.42	6.76	11.5	16.0	20.1	23.4	25.8	27.0	32.8	45.5	58.8	70.6	80.2	87.3	91.7	93.7	94.5
110	0.19	0.19	2.13	6.18	10.6	14.9	18.7	21.8	24.0	25.1	30.3	42.2	54.9	66.1	75.2	81.9	86.0	87.9	89.0
115	0.19	0.19	1.82	5.56	9.69	13.7	17.2	20.0	22.0	23.1	27.4	38.6	50.5	61.0	69.7	76.0	79.8	81.6	82.7
120	0.19	0.19	1.51	4.87	8.67	12.3	15.6	18.2	19.9	20.9	24.5	34.7	45.8	55.7	63.7	69.6	73.2	74.9	76.1
125	0.20	0.20	1.20	4.16	7.60	10.9	13.9	16.2	17.8	18.7	21.5	30.7	40.8	50.0	57.4	62.8	66.2	67.9	69.2
130	0.21	0.21	0.91	3.44	6.49	9.47	12.1	14.2	15.6	16.4	18.6	26.5	35.6	44.0	50.8	55.8	58.9	60.7	62.1
135	0.23	0.22	0.65	2.72	5.37	7.99	10.3	12.2	13.4	14.1	15.6	22.3	30.4	37.9	44.1	48.6	51.5	53.3	54.7
140	0.24	0.24	0.44	2.04	4.25	6.50	8.51	10.1	11.2	11.8	12.7	18.2	25.1	31.7	37.2	41.3	44.0	45.9	47.2
145	0.26	0.25	0.29	1.41	3.17	5.03	6.71	8.07	9.00	9.47	9.84	14.1	19.8	25.5	30.2	33.9	36.6	38.4	39.7
150	0.27	0.27	0.26	0.87	2.16	3.61	4.96	6.07	6.84	7.21	7.30	10.2	14.7	19.6	23.4	26.7	29.1	30.9	32.1
155	0.29	0.28	0.28	0.45	1.28	2.32	3.33	4.17	4.77	5.07	5.10	6.69	9.94	13.5	16.9	19.6	21.7	23.5	24.5
160	0.29	0.29	0.29	0.29	0.58	1.21	1.89	2.45	2.87	3.08	3.09	3.57	5.68	8.18	10.7	12.9	14.9	16.4	17.1
165	0.28	0.28	0.28	0.28	0.28	0.39	0.72	1.04	1.28	1.41	1.42	1.31	2.23	3.74	5.38	7.09	8.55	9.60	9.98
170	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.27	0.28	0.29	0.28	0.28	0.73	1.71	2.56	3.31	3.91	3.88
175	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.22	0.22	0.22	0.23	0.23	0.23	0.23	0.24	0.25	0.22
180	0.13	0.13	0.13	0.13	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.16	0.16	0.16	0.16	0.16	0.13

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: YT
 Test Date: 2023-12-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
 Humidity: 52.2%
 Test Distance: 1.200m [K=0.9640]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: 佐拉混动LED太阳能灯	TYPE: 6912401345	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: B2023122302
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	126	126	126	126	126	126	126	126	126	126	127	126	126	127	126	126	126		
5	128	128	127	127	127	127	127	126	126	126	125	125	125	125	124	124	124		
10	133	133	131	130	129	127	126	126	125	125	124	123	122	121	121	121	120		
15	139	138	136	134	132	129	126	125	124	123	122	120	119	118	116	116	115		
20	145	144	141	138	134	130	126	123	122	120	119	117	115	113	111	109	109		
25	150	148	146	142	136	131	125	120	119	117	115	112	110	107	104	102	101		
30	154	152	149	144	138	131	123	117	115	113	110	107	104	100	97.0	94.4	93.1		
35	156	154	151	146	138	130	121	113	110	107	105	101	97.1	92.9	89.0	85.7	84.1		
40	157	156	152	146	137	128	117	108	104	101	98.1	94.1	89.7	84.9	80.3	76.5	74.4		
45	157	155	151	144	136	125	113	102	97.1	94.6	91.1	86.6	81.7	76.4	71.1	66.5	64.1		
50	156	154	149	142	132	121	108	95.8	89.8	87.1	83.4	78.6	73.2	67.3	61.4	56.3	53.5		
55	153	151	146	138	128	115	101	88.6	82.0	79.1	75.1	70.1	64.1	57.6	51.3	45.8	42.9		
60	148	146	141	133	123	109	94.8	80.9	73.5	70.6	66.4	61.0	54.6	47.8	41.2	35.5	32.2		
65	143	141	135	127	116	102	87.2	72.6	64.6	61.7	57.3	51.7	45.0	38.0	31.3	25.3	21.9		
70	136	134	129	120	109	94.7	79.0	64.0	55.5	52.6	48.2	42.3	35.6	28.6	21.8	15.9	12.4		
75	128	126	121	112	101	86.5	70.7	55.4	46.6	44.0	39.4	33.6	27.0	20.3	13.7	7.81	4.52		
80	120	118	113	104	92.5	78.6	62.8	47.4	38.8	36.2	31.8	26.3	20.3	14.0	8.06	3.03	0.16		
85	113	111	105	96.8	85.4	71.7	56.0	40.9	32.3	30.2	26.9	22.9	18.2	13.1	7.83	2.97	0.17		
90	107	105	99.8	91.5	80.7	67.6	52.6	38.1	30.3	28.9	26.2	22.4	17.8	12.8	7.67	2.91	0.18		
95	103	102	96.8	88.7	78.2	65.4	50.7	36.8	29.2	27.9	25.3	21.6	17.2	12.4	7.39	2.80	0.19		
100	99.3	97.2	92.7	85.1	74.9	62.6	48.4	34.9	27.8	26.6	24.1	20.6	16.4	11.8	7.04	2.63	0.19		
105	94.2	92.3	88.0	80.8	71.1	59.1	45.6	32.7	26.2	25.0	22.7	19.5	15.5	11.1	6.61	2.43	0.20		
110	88.4	86.7	82.6	75.9	66.6	55.3	42.6	30.2	24.4	23.3	21.2	18.2	14.5	10.4	6.10	2.18	0.20		
115	82.1	80.5	76.7	70.4	61.7	50.9	39.0	27.4	22.4	21.4	19.5	16.7	13.3	9.50	5.51	1.89	0.20		
120	75.5	73.8	70.3	64.4	56.3	46.2	35.1	24.5	20.3	19.4	17.7	15.2	12.1	8.53	4.87	1.59	0.20		
125	68.5	66.7	63.5	58.1	50.6	41.4	31.1	21.5	18.1	17.4	15.8	13.5	10.7	7.51	4.19	1.29	0.19		
130	61.2	59.6	56.5	51.5	44.7	36.2	26.9	18.5	15.9	15.2	13.9	11.8	9.33	6.45	3.48	0.99	0.18		
135	53.9	52.2	49.3	44.7	38.6	30.9	22.7	15.5	13.7	13.1	11.9	10.1	7.89	5.36	2.78	0.72	0.18		
140	46.4	44.7	42.0	37.9	32.3	25.6	18.4	12.6	11.5	11.0	9.90	8.36	6.45	4.27	2.10	0.48	0.18		
145	38.9	37.2	34.6	30.9	26.0	20.3	14.4	9.83	9.26	8.82	7.92	6.64	5.02	3.20	1.48	0.29	0.18		
150	31.4	29.7	27.3	24.1	20.0	15.3	10.6	7.21	7.08	6.75	6.01	4.97	3.66	2.25	0.95	0.18	0.18		
155	24.0	22.4	20.3	17.6	14.3	10.6	7.18	5.02	5.01	4.76	4.22	3.41	2.44	1.42	0.53	0.18	0.18		
160	16.8	15.6	13.8	11.7	9.24	6.63	4.28	3.03	3.07	2.92	2.58	2.05	1.42	0.77	0.24	0.18	0.18		
165	10.0	9.37	8.18	6.53	4.95	3.24	1.82	1.36	1.43	1.37	1.20	0.92	0.58	0.25	0.17	0.17	0.17		
170	3.96	3.67	3.35	2.48	1.56	0.63	0.17	0.22	0.25	0.24	0.19	0.16	0.16	0.16	0.15	0.15	0.15		
175	0.26	0.18	0.14	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.12		
180	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: YT
Test Date: 2023-12-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity: 52.2%
Test Distance: 1.200m [K=0.9640]
Remarks: