

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

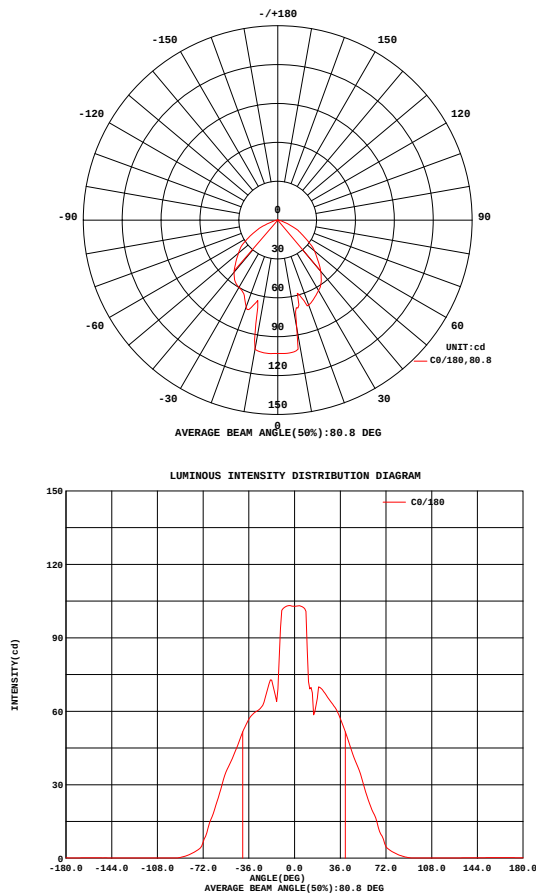


Fig. C0/C180

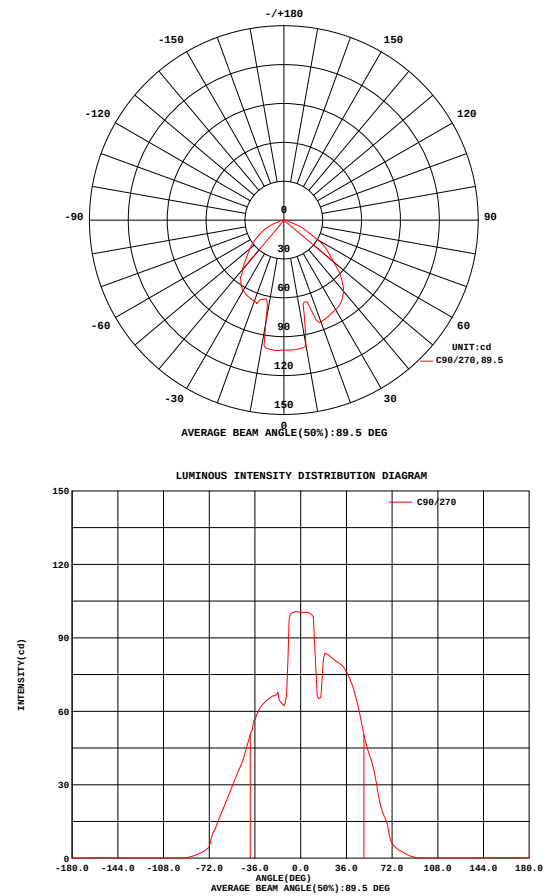


Fig. C90/C270

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-09-28

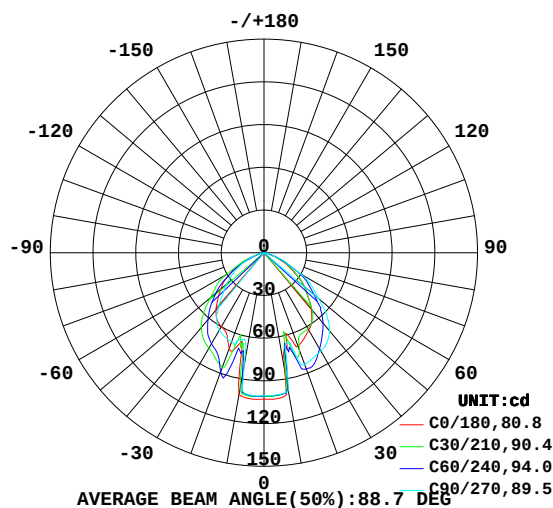
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity:65.0%
Test Distance:1.606m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

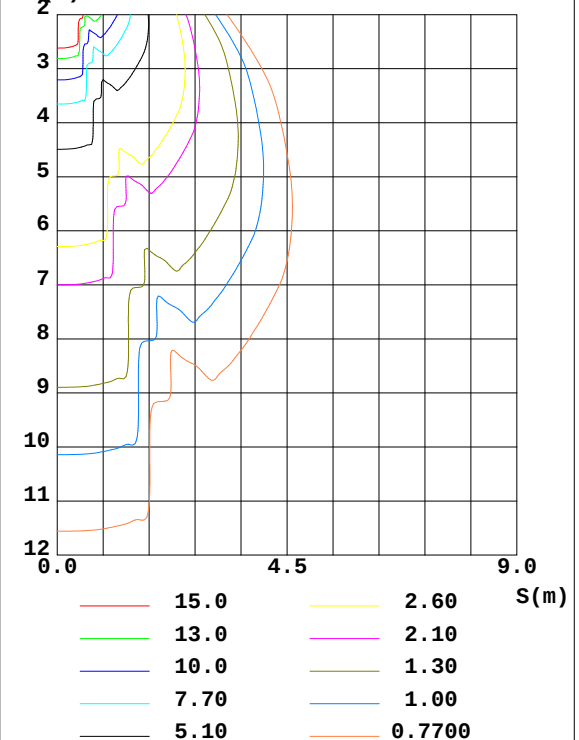
NAME: 小灯笼LED手提太阳能灯	TYPE: 6933701330	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022092802
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 102.39 lm/W			
MODEL		I _{max} (cd)	103.1	S/MH(C0/180)	0.85
NOMINAL POWER(W)	1.885	LOR(%)	100.0	S/MH(C90/270)	0.88
RATED VOLTAGE(V)	2.9	TOTAL FLUX(lm)	193.00	η UP, DN(C0-180)	0.2, 50.3
NOMINAL FLUX(lm)	193.004	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.2, 49.3
LAMPS INSIDE	1	η up(%)	0.4	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	2.9	η down(%)	99.6	CIBSE SHR MAX	1.10

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2022-09-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
 Humidity: 65.0%
 Test Distance: 1.606m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

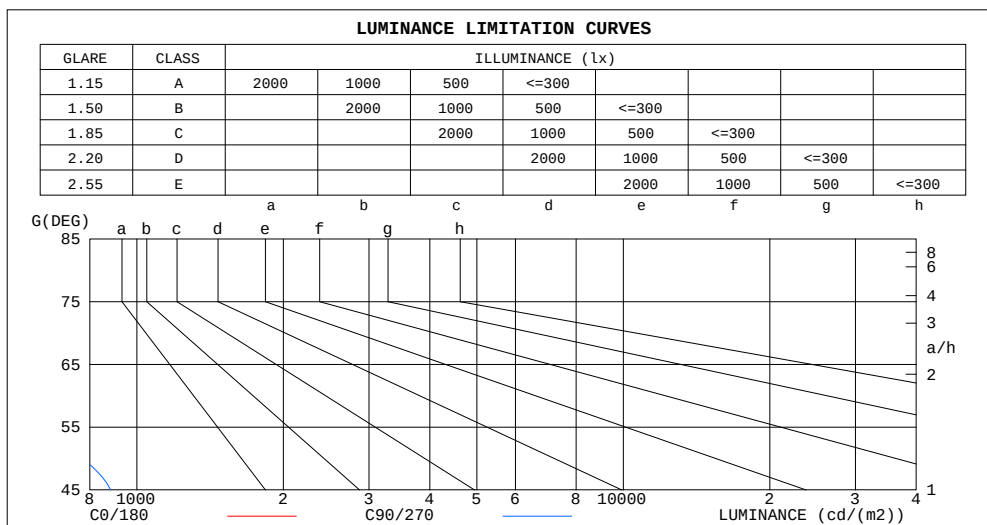
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	85.27	95.72	98.53	99.17	101.2	95.88	80.43	83.72	0- 10	9.490	9.490	4.92,4.92
20	69.71	68.73	83.57	76.55	71.37	76.39	66.47	72.06	10- 20	20.58	30.07	15.6,15.6
30	62.88	65.42	79.73	68.75	59.94	65.29	62.83	64.72	20- 30	32.70	62.77	32.5,32.5
40	51.61	56.56	71.56	61.81	52.49	55.17	49.70	52.29	30- 40	39.64	102.4	53.1,53.1
50	37.18	40.65	50.09	44.95	39.55	42.09	34.37	38.64	40- 50	38.02	140.4	72.8,72.8
60	21.04	25.63	29.51	28.59	24.81	24.86	21.41	22.51	50- 60	29.77	170.2	88.2,88.2
70	7.778	8.935	8.924	11.00	8.947	8.984	8.834	6.174	60- 70	16.44	186.6	96.7,96.7
80	1.864	2.294	2.561	2.474	2.198	2.188	1.884	1.736	70- 80	4.500	191.1	99,99
90	0.2093	0.2845	0.3382	0.4185	0.2926	0.2799	0.2338	0.1499	80- 90	1.152	192.3	99.6,99.6
100	0.0771	0.0813	0.0812	0.0777	0.0699	0.0825	0.0856	0.0777	90-100	0.1290	192.4	99.7,99.7
110	0.0830	0.0708	0.0820	0.0758	0.0734	0.0829	0.0728	0.0775	100-110	0.0806	192.5	99.7,99.7
120	0.0921	0.0988	0.0888	0.0860	0.0791	0.0762	0.0807	0.0803	110-120	0.0802	192.6	99.8,99.8
130	0.1203	0.1246	0.1246	0.1200	0.0893	0.0921	0.0935	0.0907	120-130	0.0863	192.7	99.8,99.8
140	0.1529	0.1552	0.1504	0.1523	0.1142	0.1181	0.1115	0.1116	130-140	0.0919	192.8	99.9,99.9
150	0.1955	0.1963	0.1997	0.1964	0.1361	0.1277	0.1319	0.1293	140-150	0.0925	192.8	99.9,99.9
160	0.2481	0.2413	0.2463	0.2509	0.1516	0.1492	0.1422	0.1502	150-160	0.0841	192.9	100,100
170	0.2143	0.2066	0.2077	0.2077	0.1237	0.1238	0.1206	0.1178	160-170	0.0548	193.0	100,100
180	0.1472	0.1501	0.1502	0.1467	0.1544	0.1425	0.1440	0.1415	170-180	0.0147	193.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-09-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity:65.0%
Test Distance:1.606m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

NAME: 小灯笼LED手提太阳能灯	TYPE: 6933701330	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022092802
MFR.: EVERFINE	SUR.:	Shielding Angle:



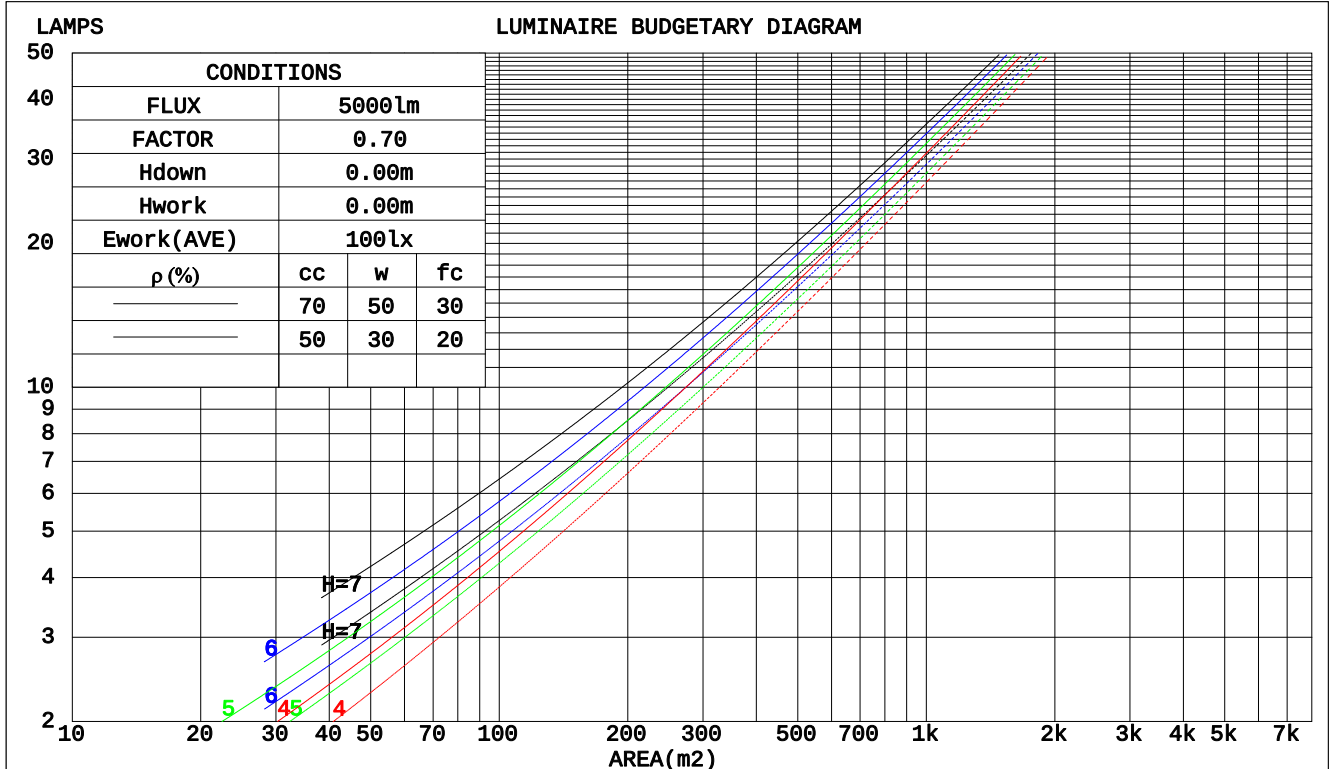
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2022-09-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
 Humidity: 65.0%
 Test Distance: 1.606m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: 小灯笼LED手提太阳能灯	TYPE: 6933701330	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022092802
MFR.: EVERFINE	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																
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.06	1.03	.99	1.04	1.01	.98	.90	.97	.95	.96	.94	.92	.92	.91	.89	.87
2.0	.94	.88	.83	.93	.87	.82	.89	.84	.80	.86	.82	.79	.83	.80	.77	.75
3.0	.84	.77	.71	.82	.76	.70	.80	.74	.69	.77	.72	.68	.74	.70	.67	.65
4.0	.75	.67	.61	.74	.66	.61	.71	.65	.60	.69	.63	.59	.67	.62	.58	.56
5.0	.68	.59	.53	.67	.59	.53	.64	.58	.52	.62	.56	.52	.61	.55	.51	.49
6.0	.61	.53	.47	.60	.52	.47	.58	.51	.46	.57	.51	.46	.55	.50	.45	.43
7.0	.56	.47	.42	.55	.47	.42	.53	.46	.41	.52	.46	.41	.51	.45	.41	.39
8.0	.51	.43	.37	.50	.43	.37	.49	.42	.37	.48	.41	.37	.47	.41	.37	.35
9.0	.47	.39	.34	.46	.39	.34	.45	.38	.34	.44	.38	.33	.43	.37	.33	.31
10.0	.43	.36	.31	.43	.36	.31	.42	.35	.31	.41	.35	.30	.40	.34	.30	.29



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-09-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 1.606m [K=1.0000]
Remarks:

WEC AND CCEC

NAME: 小灯笼LED手提太阳能灯	TYPE:6933701330	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2022092802
MFR.: EVERFINE	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	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.260	.148	.047	.253	.144	.046	.240	.138	.044	.228	.131	.042	.217	.126	.040		
2.0	.253	.139	.043	.247	.136	.042	.235	.131	.041	.225	.126	.039	.215	.121	.038		
3.0	.240	.128	.038	.234	.125	.038	.224	.121	.037	.215	.118	.036	.206	.114	.035		
4.0	.225	.117	.034	.220	.115	.034	.211	.112	.033	.203	.109	.033	.195	.106	.032		
5.0	.211	.108	.031	.207	.106	.031	.199	.104	.030	.192	.101	.030	.185	.099	.030		
6.0	.198	.099	.028	.194	.098	.028	.187	.096	.028	.181	.094	.028	.174	.092	.027		
7.0	.186	.092	.026	.183	.091	.026	.176	.089	.026	.170	.087	.025	.165	.086	.025		
8.0	.175	.085	.024	.172	.085	.024	.166	.083	.024	.161	.081	.024	.156	.080	.023		
9.0	.165	.080	.022	.162	.079	.022	.157	.078	.022	.152	.076	.022	.148	.075	.022		
10.0	.156	.075	.021	.153	.074	.021	.149	.073	.021	.144	.072	.020	.140	.071	.020		

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	.193	.193	.193	.165	.165	.165	.113	.113	.113	.065	.065	.065	.021	.021	.021	
1.0	.180	.159	.141	.154	.137	.121	.105	.094	.084	.061	.054	.049	.019	.018	.016	
2.0	.170	.135	.106	.146	.116	.091	.100	.080	.064	.058	.047	.037	.018	.015	.012	
3.0	.162	.117	.081	.138	.101	.071	.095	.070	.050	.055	.041	.029	.018	.013	.010	
4.0	.154	.103	.065	.132	.089	.056	.091	.062	.040	.053	.036	.023	.017	.012	.008	
5.0	.147	.093	.053	.126	.080	.046	.087	.056	.033	.050	.033	.019	.016	.011	.006	
6.0	.140	.084	.044	.120	.073	.039	.083	.051	.027	.048	.030	.016	.016	.010	.005	
7.0	.133	.077	.038	.115	.067	.033	.079	.047	.023	.046	.028	.014	.015	.009	.005	
8.0	.127	.071	.033	.110	.062	.029	.076	.044	.020	.044	.026	.012	.014	.008	.004	
9.0	.122	.067	.029	.105	.058	.025	.073	.041	.018	.042	.024	.011	.014	.008	.004	
10.0	.116	.062	.026	.100	.054	.023	.070	.038	.016	.041	.022	.010	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-09-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity:65.0%
Test Distance:1.606m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

NAME: 小灯笼LED手提太阳能灯					TYPE:6933701330					WEIGHT:				
SPEC.:					DIM.:					SERIAL No.:A2022092802				
MFR.: EVERFINE					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					16.5	17.9	16.8	18.1	18.3	16.7	18.1	17.0	18.3	18.5
3H					16.9	18.2	17.2	18.4	18.6	17.2	18.5	17.5	18.8	19.0
4H					16.9	18.1	17.2	18.3	18.6	17.3	18.5	17.6	18.7	19.0
6H					16.8	18.0	17.2	18.2	18.5	17.2	18.4	17.6	18.6	18.9
8H					16.8	17.9	17.2	18.2	18.5	17.2	18.3	17.6	18.6	18.9
12H					16.8	17.8	17.1	18.1	18.4	17.2	18.3	17.6	18.5	18.9
4H 2H					16.9	18.1	17.2	18.3	18.6	17.0	18.2	17.3	18.4	18.7
3H					17.3	18.4	17.7	18.7	19.0	17.6	18.6	17.9	18.9	19.2
4H					17.3	18.3	17.7	18.6	18.9	17.6	18.6	18.0	18.9	19.2
6H					17.4	18.2	17.8	18.5	18.9	17.7	18.5	18.1	18.9	19.2
8H					17.3	18.1	17.8	18.5	18.9	17.7	18.5	18.1	18.8	19.2
12H					17.3	18.0	17.7	18.4	18.8	17.7	18.4	18.1	18.8	19.2
8H 4H					17.3	18.1	17.7	18.4	18.8	17.6	18.4	18.0	18.7	19.1
6H					17.4	18.0	17.8	18.4	18.8	17.7	18.3	18.1	18.7	19.1
8H					17.4	17.9	17.8	18.4	18.8	17.7	18.3	18.2	18.7	19.2
12H					17.4	17.9	17.9	18.3	18.8	17.7	18.2	18.2	18.7	19.2
12H 4H					17.3	18.0	17.7	18.4	18.8	17.6	18.3	18.0	18.7	19.1
6H					17.3	17.9	17.8	18.3	18.8	17.7	18.2	18.1	18.6	19.1
8H					17.4	17.8	17.8	18.3	18.8	17.7	18.2	18.2	18.6	19.1
Variations with the observer position at spacings:														
S = 1.0H					+ 0.6 / - 0.8					+ 0.6 / - 0.5				
1.5H					+ 0.9 / - 1.0					+ 0.8 / - 0.9				
2.0H					+ 0.9 / - 1.8					+ 1.3 / - 1.7				

CIE Pub.117, 193.0 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -5.7)
Area: 0.1 m2

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-09-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity:65.0%
Test Distance:1.606m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

NAME: 小灯笼LED手提太阳能灯	TYPE: 6933701330	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022092802
MFR.: EVERFINE	SUR.:	Shielding Angle:

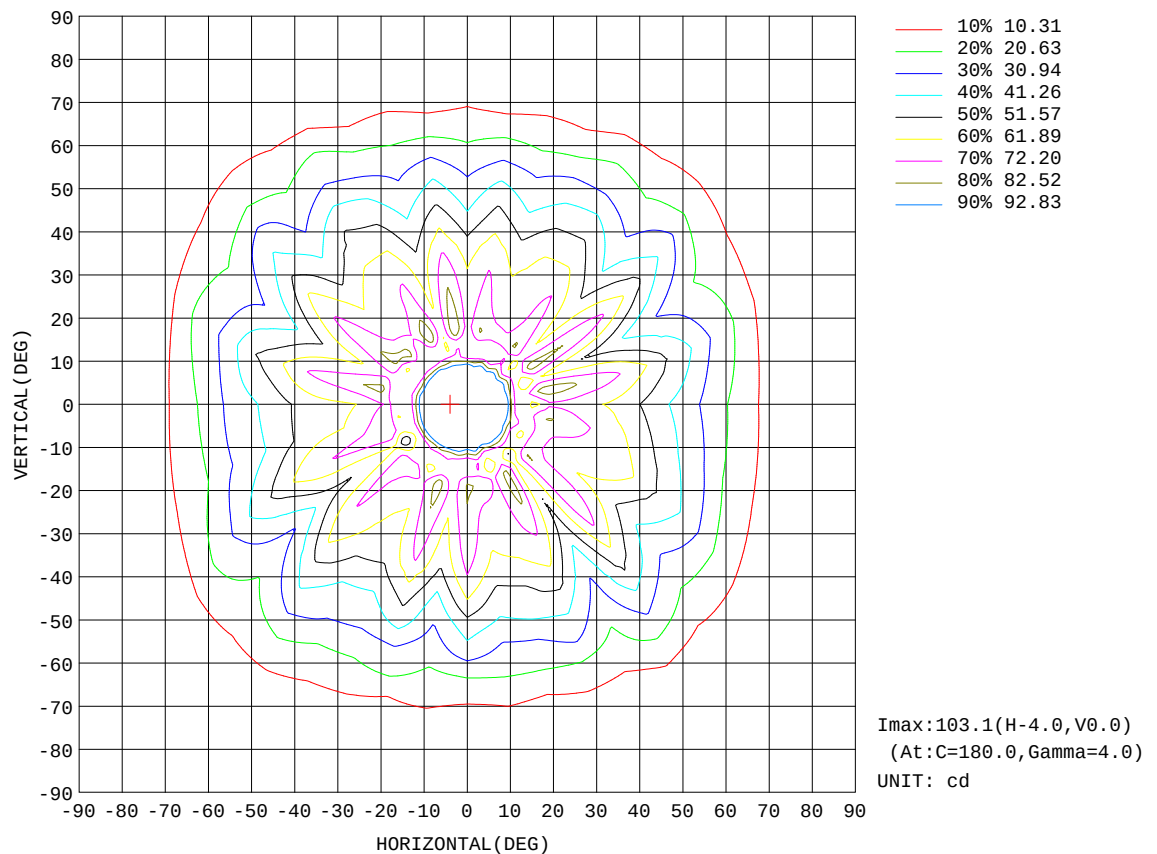
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	62	51	45	61	51	44	60	50	44	38
0.80	72	62	55	71	61	55	70	61	54	48
1.00	81	71	65	80	70	64	78	71	64	57
1.25	88	79	72	87	78	72	84	77	71	65
1.50	93	84	78	91	83	77	88	81	76	70
2.00	99	92	86	97	90	85	94	88	84	77
2.50	102	96	90	100	94	89	97	92	88	80
3.00	105	99	95	103	98	94	99	95	91	83
4.00	108	104	100	106	102	98	102	99	96	87
5.00	110	106	103	108	104	101	104	101	98	89
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNM = 1.25										

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-09-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 1.606m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME: 小灯笼LED手提太阳能灯	TYPE: 6933701330	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022092802
MFR.: EVERFINE	SUR.:	Shielding Angle:

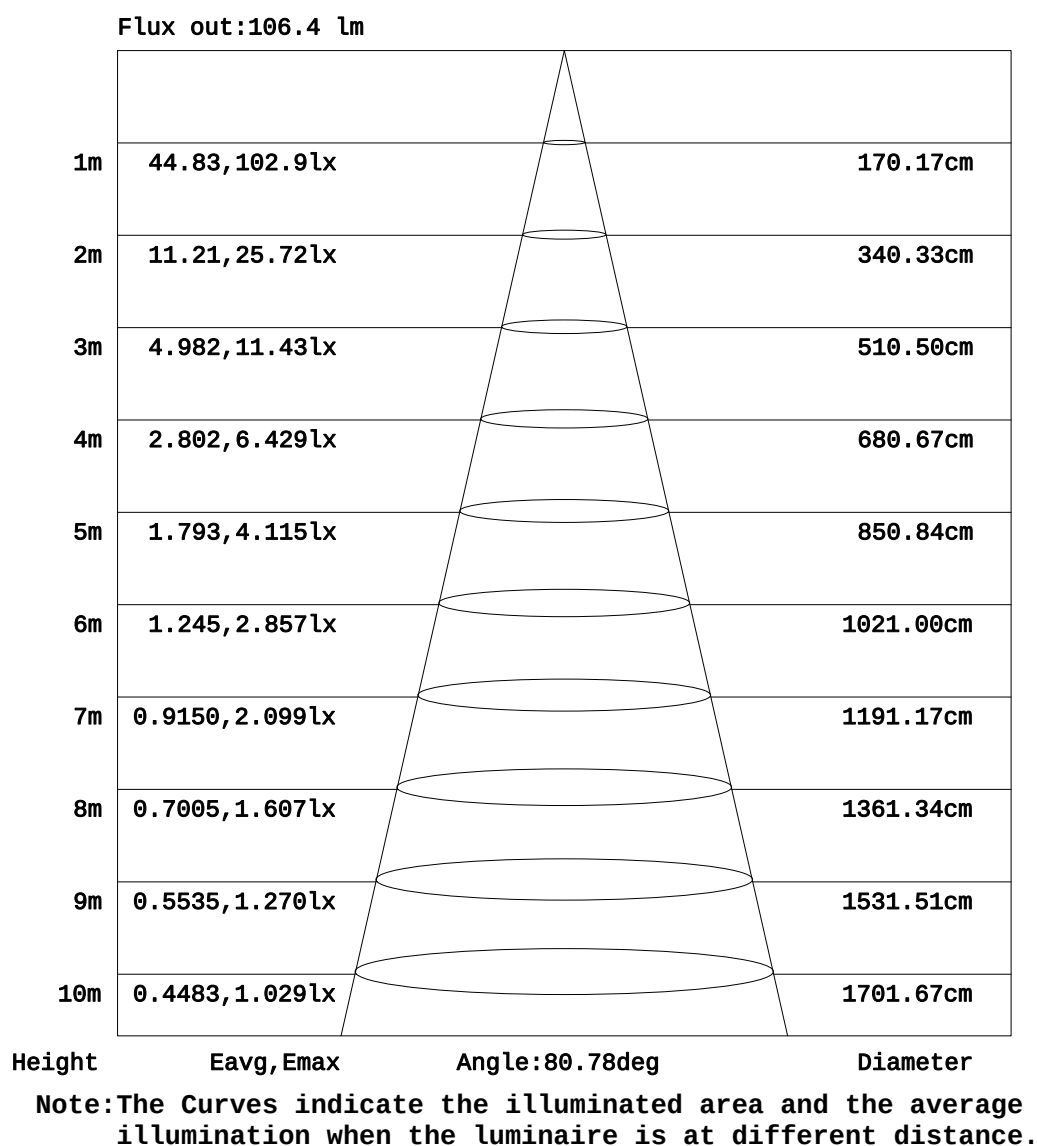


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-09-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 1.606m [K=1.0000]
Remarks:

AAI Figure

NAME: 小灯笼LED手提太阳能灯	TYPE: 6933701330	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022092802
MFR.: EVERFINE	SUR.:	Shielding Angle:

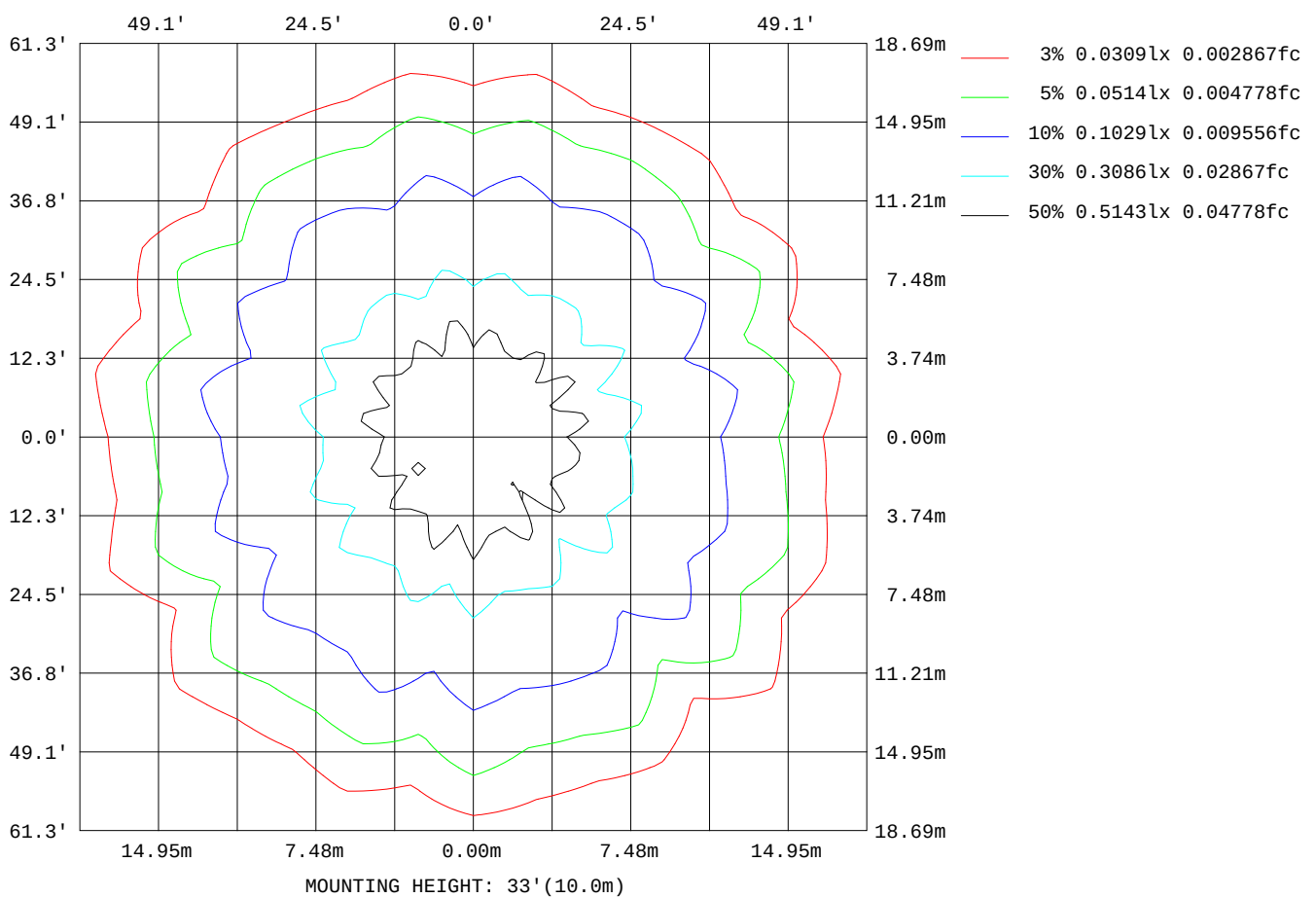


C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2022-09-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
 Humidity: 65.0%
 Test Distance: 1.606m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

NAME: 小灯笼LED手提太阳能灯	TYPE: 6933701330	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022092802
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-09-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 1.606m [K=1.0000]
Remarks:

LED Avg.L Report

NAME: 小灯笼LED手提太阳能灯	TYPE: 6933701330	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022092802
MFR.: EVERFINE	SUR.:	Shielding Angle:

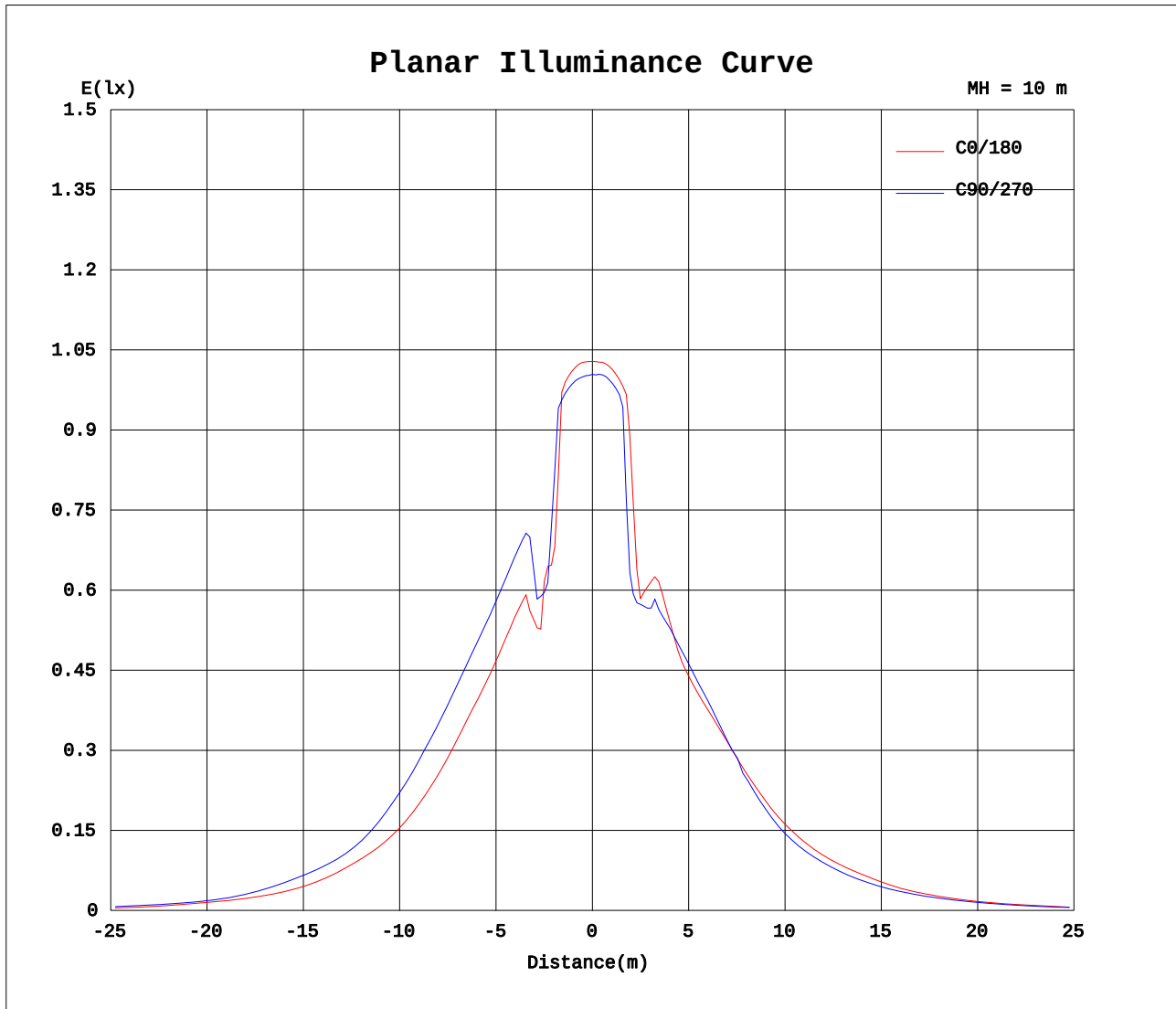
AvgL	cd/m2
L_0~180(65)av	373
L_0~180(75)av	137
L_0~180(85)av	104
L_90~270(65)av	394
L_90~270(75)av	146
L_90~270(85)av	114
L_45(65)av	395
L_45(75)av	145
L_45(85)av	112

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-09-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 1.606m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-09-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 1.606m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: 小灯笼LED手提太阳能灯	TYPE:6933701330	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2022092802
MFR.: EVERFINE	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	103	102	101	101	101	101	101	100	100	100	100	100	100	100	100	100	100	100	103
5	103	102	101	101	101	100	101	100	100	100	100	100	100	100	100	101	101	101	103
10	85.3	87.5	89.2	89.3	96.3	95.1	97.1	92.5	98.9	98.5	99.0	98.6	99.2	98.9	99.4	99.0	99.4	99.0	101
15	58.5	68.5	63.7	63.0	69.7	50.3	68.7	52.2	73.4	65.4	69.0	67.8	66.7	71.4	66.3	55.6	69.9	65.6	66.1
20	69.7	83.3	74.0	72.8	82.6	54.8	86.9	69.7	80.5	83.6	65.8	88.2	70.5	75.5	77.6	59.7	80.9	79.0	71.4
25	66.6	77.4	69.8	62.6	81.1	52.0	84.9	67.5	68.5	81.7	63.1	83.4	63.5	65.5	76.5	54.6	77.3	65.9	62.4
30	62.9	71.2	69.5	61.6	80.3	50.5	78.0	66.9	64.4	79.7	58.8	78.9	60.4	63.1	74.4	51.6	74.3	61.4	59.9
35	58.4	64.6	68.0	58.7	78.1	47.3	71.3	64.4	61.3	77.1	54.9	75.6	57.5	61.6	72.1	49.7	71.8	58.6	57.6
40	51.6	58.0	64.1	52.7	72.4	40.7	64.6	57.8	55.2	71.6	48.3	69.5	52.7	55.6	68.1	43.9	67.4	52.9	52.5
45	43.8	49.5	56.4	43.9	63.2	33.7	56.2	50.2	47.2	62.5	39.1	57.8	45.1	47.6	60.7	34.4	59.3	45.4	45.8
50	37.2	41.1	47.6	36.8	52.8	28.5	45.9	44.0	40.8	50.1	32.3	49.6	37.8	39.1	50.8	28.6	51.0	37.4	39.5
55	28.9	33.3	39.5	29.7	42.9	23.9	37.7	33.6	31.8	40.9	27.1	37.7	32.2	33.0	41.4	24.4	41.6	31.6	33.7
60	21.0	22.3	28.1	22.5	32.0	19.2	28.4	24.9	25.4	29.5	22.0	27.6	23.6	25.6	31.5	19.9	30.8	23.8	24.8
65	14.7	14.3	18.0	15.4	21.3	13.9	17.5	15.9	17.7	18.2	16.5	19.4	17.7	16.0	20.8	15.2	22.2	15.9	16.9
70	7.78	7.05	8.45	7.48	10.6	7.25	9.43	8.74	10.8	8.92	11.5	9.45	10.2	9.73	12.3	10.2	11.5	9.30	8.95
75	3.30	3.31	4.22	3.12	4.63	3.18	4.23	3.88	3.78	4.30	3.77	4.24	4.24	3.57	4.81	3.20	4.86	3.50	3.81
80	1.86	1.78	2.41	1.76	2.67	1.92	2.56	2.32	2.30	2.56	2.29	2.50	2.51	2.12	2.83	1.93	2.83	2.03	2.20
85	0.81	0.73	1.06	0.75	1.19	0.83	1.18	1.00	1.15	1.15	1.18	1.15	1.29	1.00	1.43	0.96	1.44	0.98	1.01
90	0.21	0.17	0.30	0.20	0.35	0.22	0.37	0.27	0.39	0.34	0.42	0.36	0.46	0.32	0.52	0.33	0.51	0.31	0.29
95	0.08	0.08	0.09	0.09	0.10	0.08	0.08	0.08	0.09	0.10	0.10	0.10	0.10	0.08	0.13	0.10	0.12	0.08	0.08
100	0.08	0.08	0.08	0.09	0.09	0.08	0.07	0.09	0.08	0.08	0.09	0.09	0.08	0.07	0.08	0.08	0.09	0.08	0.07
105	0.07	0.07	0.09	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.08	0.07	0.08	0.07	0.08	0.08	0.08	0.07	0.07
110	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.08	0.07	0.08	0.08	0.08	0.07	0.07	0.08	0.08	0.07	0.07	0.07
115	0.08	0.08	0.09	0.08	0.08	0.09	0.08	0.09	0.08	0.09	0.08	0.08	0.09	0.09	0.08	0.08	0.08	0.09	0.08
120	0.09	0.10	0.09	0.10	0.10	0.10	0.09	0.10	0.09	0.09	0.09	0.10	0.09	0.09	0.09	0.09	0.10	0.09	0.08
125	0.10	0.11	0.11	0.10	0.12	0.11	0.11	0.10	0.11	0.11	0.09	0.11	0.11	0.11	0.11	0.11	0.10	0.11	0.09
130	0.12	0.13	0.12	0.12	0.12	0.13	0.12	0.13	0.11	0.12	0.12	0.12	0.13	0.12	0.12	0.12	0.12	0.12	0.09
135	0.13	0.14	0.14	0.13	0.14	0.14	0.14	0.12	0.13	0.14	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.13	0.10
140	0.15	0.16	0.15	0.16	0.15	0.16	0.15	0.15	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.11
145	0.17	0.17	0.17	0.16	0.17	0.17	0.18	0.17	0.17	0.17	0.17	0.17	0.17	0.16	0.18	0.17	0.17	0.18	0.13
150	0.20	0.20	0.20	0.19	0.19	0.20	0.19	0.19	0.20	0.20	0.19	0.20	0.20	0.20	0.19	0.19	0.19	0.20	0.14
155	0.23	0.23	0.22	0.22	0.22	0.23	0.23	0.23	0.23	0.23	0.22	0.22	0.22	0.23	0.22	0.23	0.23	0.22	0.15
160	0.25	0.24	0.24	0.25	0.24	0.24	0.25	0.24	0.24	0.25	0.24	0.25	0.24	0.25	0.25	0.25	0.25	0.25	0.15
165	0.25	0.25	0.24	0.24	0.25	0.25	0.25	0.25	0.25	0.26	0.25	0.24	0.26	0.26	0.25	0.25	0.25	0.24	0.15
170	0.21	0.21	0.20	0.20	0.21	0.21	0.21	0.21	0.22	0.21	0.21	0.20	0.21	0.20	0.22	0.20	0.22	0.21	0.12
175	0.19	0.19	0.18	0.19	0.19	0.18	0.19	0.18	0.19	0.18	0.19	0.18	0.19	0.18	0.18	0.18	0.19	0.18	0.11
180	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.14	0.15	0.14	0.15	0.16	0.15

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2022-09-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
 Humidity:65.0%
 Test Distance:1.606m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: 小灯笼LED手提太阳能灯	TYPE:6933701330	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2022092802
MFR.: EVERFINE	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	102	101	101	101	101	101	100	100	100	100	100	100	100	100	100	100	100		
5	102	102	101	101	101	101	101	101	101	100	101	101	101	101	101	101	101		
10	100	99.3	97.5	95.7	96.0	87.7	86.8	83.5	80.4	78.5	86.1	77.0	88.6	78.9	89.8	85.2	84.3		
15	69.4	65.5	63.6	69.6	62.2	69.2	60.9	71.1	63.3	72.7	67.4	66.4	71.8	59.3	74.1	54.4	74.6		
20	86.7	68.6	85.4	80.0	72.8	89.0	62.7	90.9	66.5	80.3	72.0	69.4	81.7	62.4	86.8	58.8	88.8		
25	82.0	62.3	81.3	67.0	66.6	77.8	60.2	85.7	65.2	76.0	65.1	63.5	77.4	58.7	83.4	53.7	84.6		
30	77.5	57.9	77.4	63.3	67.3	73.7	58.0	80.2	62.8	73.4	62.5	65.8	73.6	55.8	80.3	50.0	79.2		
35	74.8	52.8	74.1	58.3	66.2	69.0	53.9	73.6	57.9	69.8	57.8	64.4	68.1	51.5	75.8	45.5	74.0		
40	69.1	45.0	68.6	49.8	60.5	61.2	47.0	64.1	49.7	62.0	51.0	59.8	59.8	44.7	68.0	38.8	66.1		
45	59.1	37.4	60.0	42.7	53.1	53.1	40.8	55.4	40.8	54.1	42.9	51.4	52.4	38.5	58.1	33.1	56.9		
50	51.8	32.0	49.2	35.0	49.1	44.2	34.6	45.8	34.4	45.7	36.0	42.4	44.6	32.7	47.8	27.9	48.0		
55	39.7	26.9	41.0	27.5	37.2	34.6	29.4	36.3	27.9	34.8	29.9	33.9	33.1	26.0	39.0	23.0	36.7		
60	29.5	21.8	31.1	21.7	28.0	25.1	23.1	26.1	21.4	25.8	21.1	22.7	24.7	20.3	26.9	17.9	27.0		
65	22.0	15.4	19.0	14.5	19.8	15.1	16.1	16.3	15.1	14.9	14.9	13.9	14.4	12.7	17.1	12.8	16.8		
70	10.4	9.61	10.6	8.17	9.80	7.31	8.49	6.72	8.83	6.39	7.51	5.88	7.32	5.03	7.13	5.13	8.57		
75	4.47	3.31	4.77	3.12	4.40	3.40	3.57	3.72	3.24	3.63	3.27	3.16	3.62	2.66	3.93	2.61	3.79		
80	2.55	1.95	2.75	1.84	2.54	1.90	2.09	2.02	1.88	1.93	1.87	1.66	2.02	1.45	2.16	1.40	2.07		
85	1.24	0.86	1.29	0.82	1.14	0.79	0.92	0.80	0.83	0.75	0.79	0.65	0.84	0.57	0.90	0.58	0.87		
90	0.40	0.25	0.40	0.22	0.34	0.17	0.25	0.17	0.23	0.15	0.19	0.12	0.18	0.12	0.21	0.13	0.20		
95	0.09	0.09	0.09	0.09	0.10	0.08	0.09	0.09	0.10	0.09	0.08	0.09	0.08	0.09	0.09	0.09	0.09		
100	0.08	0.08	0.08	0.08	0.09	0.08	0.08	0.08	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08		
105	0.07	0.07	0.07	0.08	0.09	0.07	0.08	0.08	0.09	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.07		
110	0.07	0.09	0.08	0.08	0.08	0.07	0.08	0.07	0.07	0.07	0.08	0.07	0.07	0.08	0.07	0.07	0.06		
115	0.07	0.07	0.10	0.08	0.08	0.07	0.08	0.07	0.08	0.08	0.07	0.08	0.08	0.08	0.08	0.07	0.07		
120	0.07	0.08	0.08	0.07	0.08	0.09	0.08	0.08	0.08	0.08	0.08	0.09	0.08	0.08	0.08	0.08	0.08		
125	0.08	0.09	0.09	0.08	0.09	0.08	0.09	0.08	0.08	0.09	0.08	0.08	0.08	0.08	0.09	0.09	0.09		
130	0.10	0.09	0.09	0.10	0.08	0.10	0.09	0.09	0.09	0.10	0.09	0.09	0.09	0.09	0.10	0.09	0.10		
135	0.10	0.10	0.10	0.10	0.10	0.11	0.10	0.10	0.10	0.11	0.10	0.11	0.11	0.10	0.11	0.10	0.10		
140	0.12	0.12	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.12	0.11	0.12	0.11	0.12	0.12	0.12	0.11		
145	0.12	0.12	0.12	0.13	0.12	0.12	0.12	0.11	0.11	0.12	0.12	0.12	0.12	0.12	0.13	0.12	0.12		
150	0.13	0.14	0.13	0.13	0.13	0.14	0.13	0.13	0.13	0.14	0.13	0.13	0.13	0.13	0.13	0.13	0.13		
155	0.13	0.14	0.14	0.15	0.14	0.14	0.14	0.15	0.14	0.14	0.15	0.14	0.14	0.14	0.14	0.14	0.14		
160	0.15	0.16	0.15	0.15	0.15	0.15	0.15	0.15	0.14	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.15		
165	0.16	0.15	0.15	0.16	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.14	0.15	0.15	0.15	0.15	0.15		
170	0.13	0.12	0.12	0.13	0.12	0.12	0.13	0.12	0.12	0.13	0.12	0.12	0.11	0.12	0.13	0.12	0.13		
175	0.11	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.10	0.11	0.10	0.11	0.10	0.11	0.11	0.11	0.10		
180	0.14	0.15	0.15	0.14	0.15	0.15	0.14	0.14	0.14	0.14	0.15	0.14	0.14	0.14	0.14	0.15	0.14		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-09-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity:65.0%
Test Distance:1.606m [K=1.0000]
Remarks: