

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

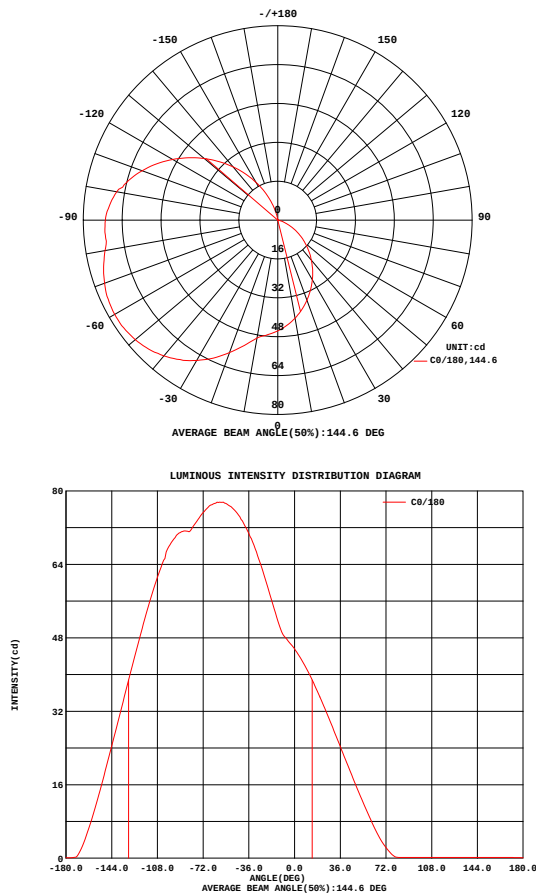


Fig. C0/C180

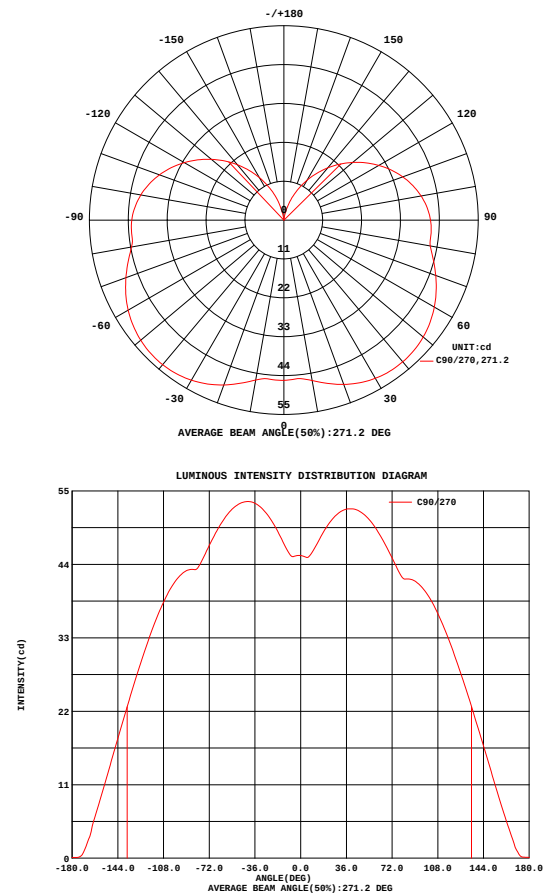


Fig. C90/C270

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2020-12-31

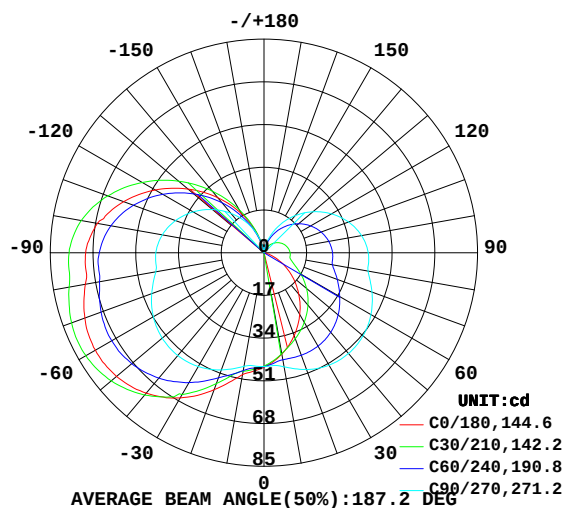
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 1.615m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

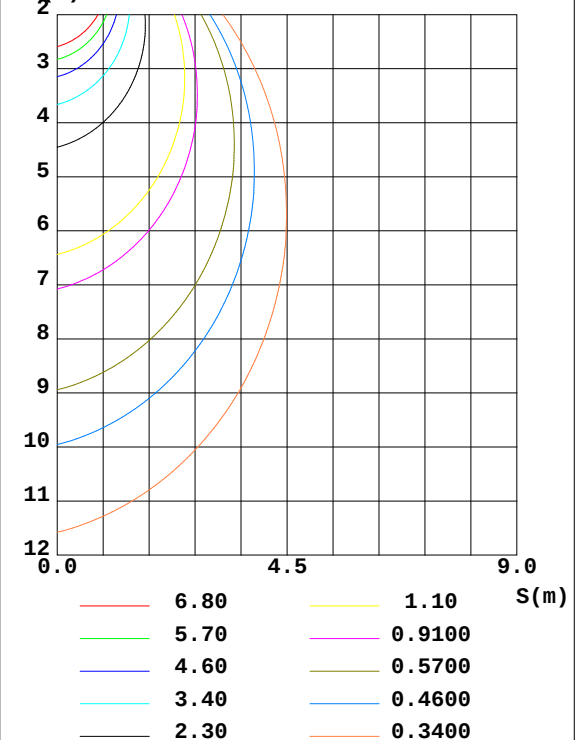
NAME: 四方110光效LED感应太阳能灯	TYPE: 6940101125	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2020123102
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 66.73 lm/W
MODEL		I _{max} (cd)	82.10	S/MH(C0/180)	2.22	
NOMINAL POWER(W)	7.14	LOR(%)	100.0	S/MH(C90/270)	1.76	
RATED VOLTAGE(V)	4.2	TOTAL FLUX(lm)	476.42	η UP, DN(C0-180)	17.6, 30.0	
NOMINAL FLUX(lm)	476.418	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	19.7, 32.7	
LAMPS INSIDE	1	η up(%)	37.3	CIBSE SHR NOM	2.00	
TEST VOLTAGE(V)	4.2	η down(%)	62.7	CIBSE SHR MAX	2.00	

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: 2020-12-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
 Humidity: 65.0%
 Test Distance: 1.615m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

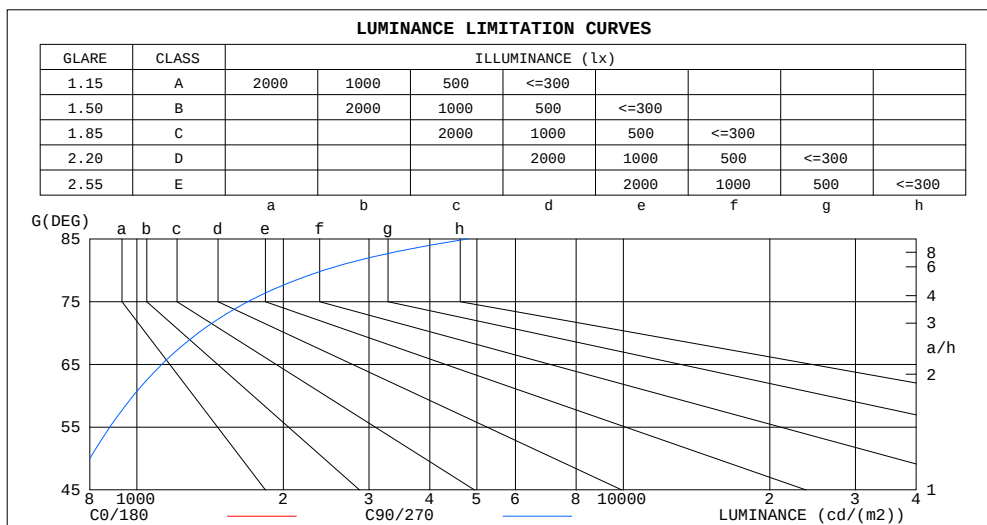
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	40.99	41.96	46.10	47.68	49.25	47.64	45.95	42.13	0- 10	4.305	4.305	0.90,0.90
20	35.11	39.96	49.46	54.21	57.99	54.60	49.62	40.37	10- 20	13.12	17.43	3.66,3.66
30	28.49	37.60	51.69	62.74	66.69	63.38	52.29	38.19	20- 30	22.57	40.00	8.4,8.4
40	21.55	34.39	52.31	70.05	72.92	70.97	53.38	35.13	30- 40	31.79	71.79	15.1,15.1
50	14.77	30.39	51.46	74.79	76.58	75.86	52.86	31.25	40- 50	39.58	111.4	23.4,23.4
60	8.384	25.84	49.15	76.91	77.48	78.12	50.87	26.75	50- 60	45.00	156.4	32.8,32.8
70	3.094	21.88	45.72	76.31	75.87	77.59	47.55	22.84	60- 70	47.57	203.9	42.8,42.8
80	0.2193	19.18	42.05	73.74	72.19	74.97	43.76	20.12	70- 80	47.61	251.5	52.8,52.8
90	0.1464	18.99	41.49	72.82	70.93	74.06	43.04	19.96	80- 90	47.18	298.7	62.7,62.7
100	0.1467	18.16	39.44	69.00	67.32	70.27	41.10	19.09	90-100	45.97	344.7	72.4,72.4
110	0.1579	16.73	35.83	61.77	59.48	62.84	37.47	17.54	100-110	41.20	385.9	81,81
120	0.1496	14.73	31.02	52.26	50.00	53.12	32.57	15.41	110-120	33.88	419.8	88.1,88.1
130	0.1470	12.25	25.43	41.36	39.47	41.95	26.79	12.78	120-130	25.36	445.1	93.4,93.4
140	0.1466	9.337	19.34	29.76	28.65	30.09	20.48	9.718	130-140	16.88	462.0	97,97
150	0.1566	6.160	13.00	18.27	18.00	18.32	13.92	6.391	140-150	9.493	471.5	99,99
160	0.1630	2.931	6.749	7.896	8.148	7.791	7.392	2.967	150-160	4.003	475.5	99.8,99.8
170	0.1436	0.3688	1.236	0.7987	0.9467	0.6495	1.314	0.3421	160-170	0.8734	476.4	100,100
180	0.0994	0.1132	0.1150	0.1217	0.1095	0.1071	0.1139	0.1228	170-180	0.0291	476.4	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:2020-12-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity:65.0%
Test Distance:1.615m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

NAME: 四方110光效LED感应太阳能灯	TYPE: 6940101125	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2020123102
MFR.: EVERFINE	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(°)	C0/180	C90/270
85	17	4797
80	13	2422
75	50	1692
70	90	1337
65	130	1125
60	168	983
55	200	880
50	230	801
45	257	737

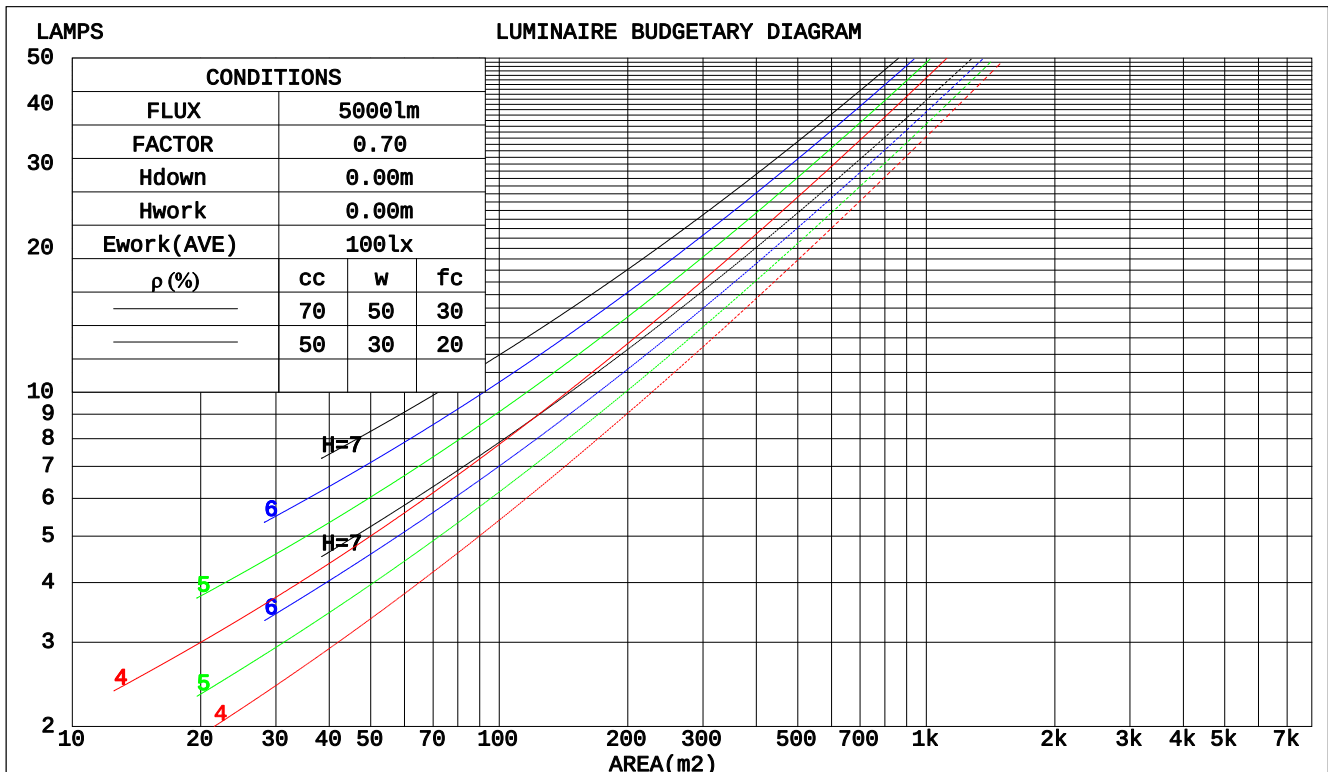
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2020-12-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 1.615m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: 四方110光效LED感应太阳能灯	TYPE: 6940101125	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2020123102
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						Coefficients of Utilization(CU)									
0.0	1.10	1.10	1.10	1.03	1.03	1.03	.90	.90	.90	.79	.79	.79	.68	.68	.68	.63
1.0	.89	.83	.78	.83	.78	.73	.72	.68	.64	.62	.59	.56	.52	.50	.48	.43
2.0	.75	.67	.60	.70	.63	.57	.61	.55	.50	.52	.47	.43	.43	.40	.37	.32
3.0	.65	.55	.48	.60	.52	.45	.52	.45	.40	.44	.39	.34	.37	.33	.29	.25
4.0	.56	.47	.39	.53	.44	.37	.45	.38	.33	.38	.33	.28	.32	.28	.24	.20
5.0	.50	.40	.33	.46	.38	.31	.40	.33	.27	.34	.28	.24	.28	.24	.20	.17
6.0	.44	.35	.28	.41	.33	.26	.36	.29	.23	.30	.25	.20	.26	.21	.17	.14
7.0	.40	.31	.24	.37	.29	.23	.32	.25	.20	.27	.22	.17	.23	.18	.15	.12
8.0	.36	.27	.21	.33	.25	.20	.29	.22	.18	.25	.19	.15	.21	.16	.13	.11
9.0	.33	.24	.19	.30	.23	.17	.27	.20	.15	.23	.17	.13	.19	.15	.11	.09
10.0	.30	.22	.16	.28	.21	.16	.24	.18	.14	.21	.16	.12	.18	.13	.10	.08



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2020-12-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 1.615m [K=1.0000]
Remarks:

WEC AND CCEC

NAME: 四方110光效LED感应太阳能灯	TYPE:6940101125	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2020123102
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	.418	.238	.075	.399	.228	.072	.364	.209	.067	.332	.192	.061	.303	.175	.057		
2.0	.350	.192	.059	.333	.183	.056	.301	.167	.052	.272	.152	.048	.245	.138	.044		
3.0	.306	.163	.049	.290	.155	.047	.261	.141	.043	.234	.128	.039	.209	.116	.036		
4.0	.272	.141	.042	.258	.135	.040	.231	.123	.037	.207	.111	.033	.184	.100	.030		
5.0	.245	.125	.036	.233	.119	.035	.208	.108	.032	.186	.098	.029	.164	.088	.026		
6.0	.224	.112	.032	.212	.107	.031	.189	.097	.028	.169	.088	.026	.149	.078	.023		
7.0	.205	.102	.029	.195	.097	.028	.174	.088	.025	.155	.079	.023	.136	.071	.021		
8.0	.190	.093	.026	.180	.089	.025	.161	.080	.023	.143	.072	.021	.126	.065	.019		
9.0	.176	.085	.024	.167	.081	.023	.149	.074	.021	.133	.066	.019	.117	.059	.017		
10.0	.165	.079	.022	.156	.075	.021	.140	.068	.019	.124	.062	.017	.109	.055	.016		

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	.475	.475	.475	.406	.406	.406	.277	.277	.277	.159	.159	.159	.051	.051	.051	
1.0	.474	.442	.412	.406	.379	.355	.278	.261	.245	.160	.151	.143	.051	.049	.046	
2.0	.468	.420	.379	.401	.362	.328	.275	.250	.229	.159	.146	.134	.051	.047	.044	
3.0	.461	.405	.359	.395	.349	.311	.272	.242	.218	.157	.142	.129	.050	.046	.042	
4.0	.454	.393	.346	.389	.339	.301	.268	.237	.212	.155	.139	.125	.050	.045	.041	
5.0	.446	.383	.337	.383	.332	.293	.264	.232	.207	.153	.136	.123	.049	.044	.041	
6.0	.439	.376	.331	.377	.326	.288	.260	.228	.204	.151	.134	.121	.049	.044	.040	
7.0	.432	.370	.326	.371	.320	.284	.257	.225	.201	.149	.132	.120	.048	.043	.040	
8.0	.425	.364	.323	.366	.316	.281	.253	.222	.200	.147	.131	.119	.048	.043	.039	
9.0	.419	.360	.320	.361	.312	.279	.250	.220	.198	.146	.130	.118	.047	.043	.039	
10.0	.413	.356	.318	.356	.309	.277	.247	.217	.197	.144	.129	.118	.047	.042	.039	

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-12-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity:65.0%
Test Distance:1.615m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

NAME: 四方110光效LED感应太阳能灯					TYPE:6940101125					WEIGHT:				
SPEC.:					DIM.:					SERIAL No.:A2020123102				
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					4.5	5.7	5.2	6.4	7.4	11.6	12.8	12.3	13.6	14.5
					4.8	5.9	5.6	6.7	7.7	14.7	15.9	15.5	16.6	17.6
					4.8	5.8	5.6	6.6	7.6	16.5	17.5	17.3	18.3	19.3
					4.6	5.6	5.4	6.4	7.5	18.4	19.4	19.2	20.2	21.3
					4.6	5.5	5.4	6.3	7.4	19.5	20.5	20.3	21.3	22.3
					4.5	5.4	5.3	6.2	7.3	20.8	21.8	21.7	22.6	23.6
4H					2H	7.0	8.0	7.7	8.8	9.8	11.7	12.8	12.5	13.6
					3H	7.9	8.8	8.7	9.6	10.7	15.1	16.1	15.9	16.9
					4H	8.1	9.0	9.0	9.8	10.9	17.1	17.9	17.9	18.8
					6H	8.2	8.9	9.0	9.8	10.9	19.3	20.1	20.2	20.9
					8H	8.1	8.8	9.0	9.7	10.8	20.6	21.3	21.4	22.2
					12H	8.1	8.7	8.9	9.6	10.7	22.1	22.7	23.0	23.6
8H					4H	10.7	11.4	11.6	12.3	13.4	17.2	17.9	18.0	18.8
					6H	11.4	12.0	12.3	12.9	14.1	19.7	20.3	20.6	21.2
					8H	11.6	12.2	12.6	13.1	14.3	21.2	21.7	22.1	22.6
					12H	11.7	12.2	12.7	13.2	14.3	23.0	23.5	23.9	24.4
12H					4H	11.6	12.3	12.5	13.2	14.3	17.1	17.8	18.0	18.7
					6H	12.8	13.3	13.7	14.3	15.4	19.7	20.3	20.6	21.2
					8H	13.3	13.8	14.3	14.7	15.9	21.3	21.8	22.2	22.7
Variations with the observer position at spacings:														
S = 1.0H					+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H					+ 0.2 / - 0.1					+ 0.2 / - 0.2				
2.0H					+ 0.2 / - 0.2					+ 0.3 / - 0.3				

CIE Pub.117, 476.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.6)
Area: 0.1 m2

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-12-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity:65.0%
Test Distance:1.615m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

NAME: 四方110光效LED感应太阳能灯	TYPE: 6940101125	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2020123102
MFR.: EVERFINE	SUR.:	Shielding Angle:

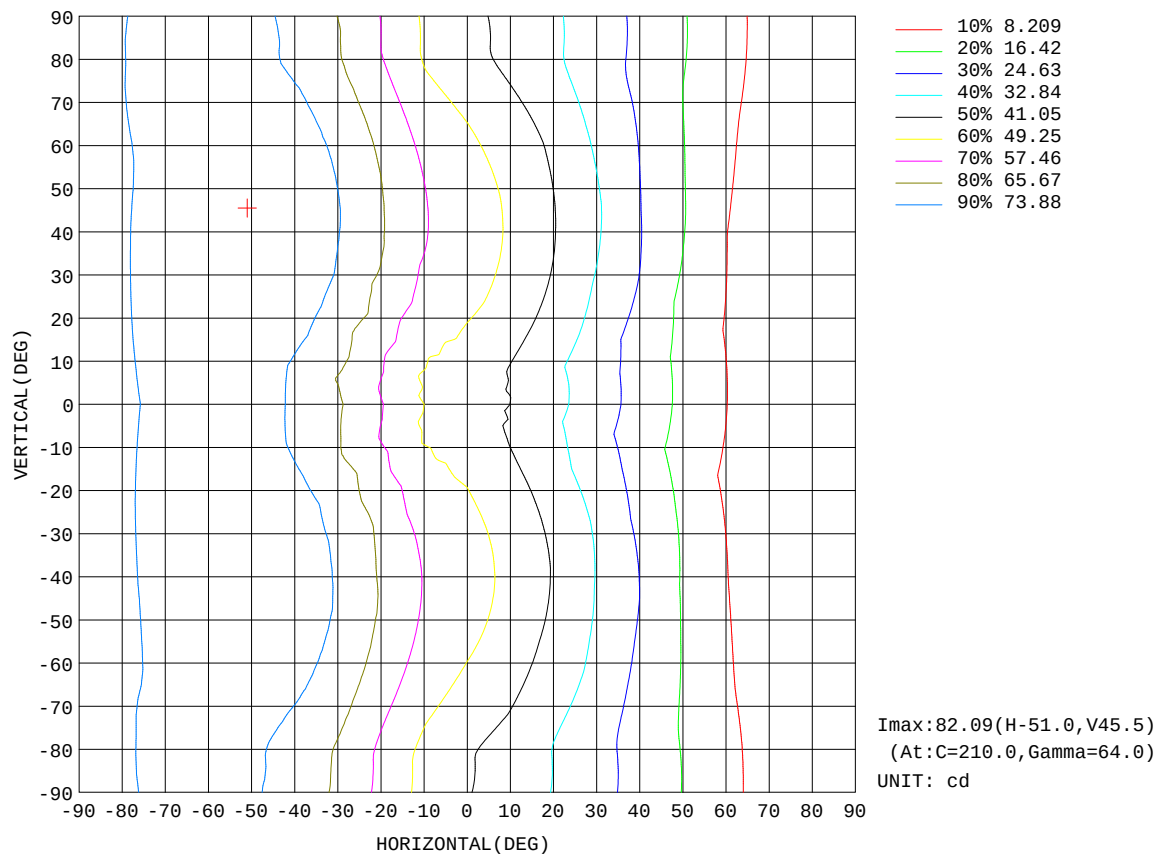
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) × RCR = 5									
k = 0.60	39	26	19	38	26	18	35	24	18	11
0.80	48	34	25	46	33	25	42	31	23	15
1.00	55	41	32	52	39	31	47	39	29	19
1.25	62	48	39	59	46	37	53	42	34	23
1.50	67	54	44	64	51	42	57	46	39	26
2.00	75	62	53	71	59	50	62	53	46	31
2.50	80	68	59	75	65	56	66	58	51	34
3.00	84	73	64	79	69	61	69	62	55	37
4.00	89	80	72	84	75	68	73	67	61	41
5.00	93	84	77	87	79	73	76	70	65	44
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: 2020-12-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 1.615m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME: 四方110光效LED感应太阳能灯	TYPE: 6940101125	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2020123102
MFR.: EVERFINE	SUR.:	Shielding Angle:

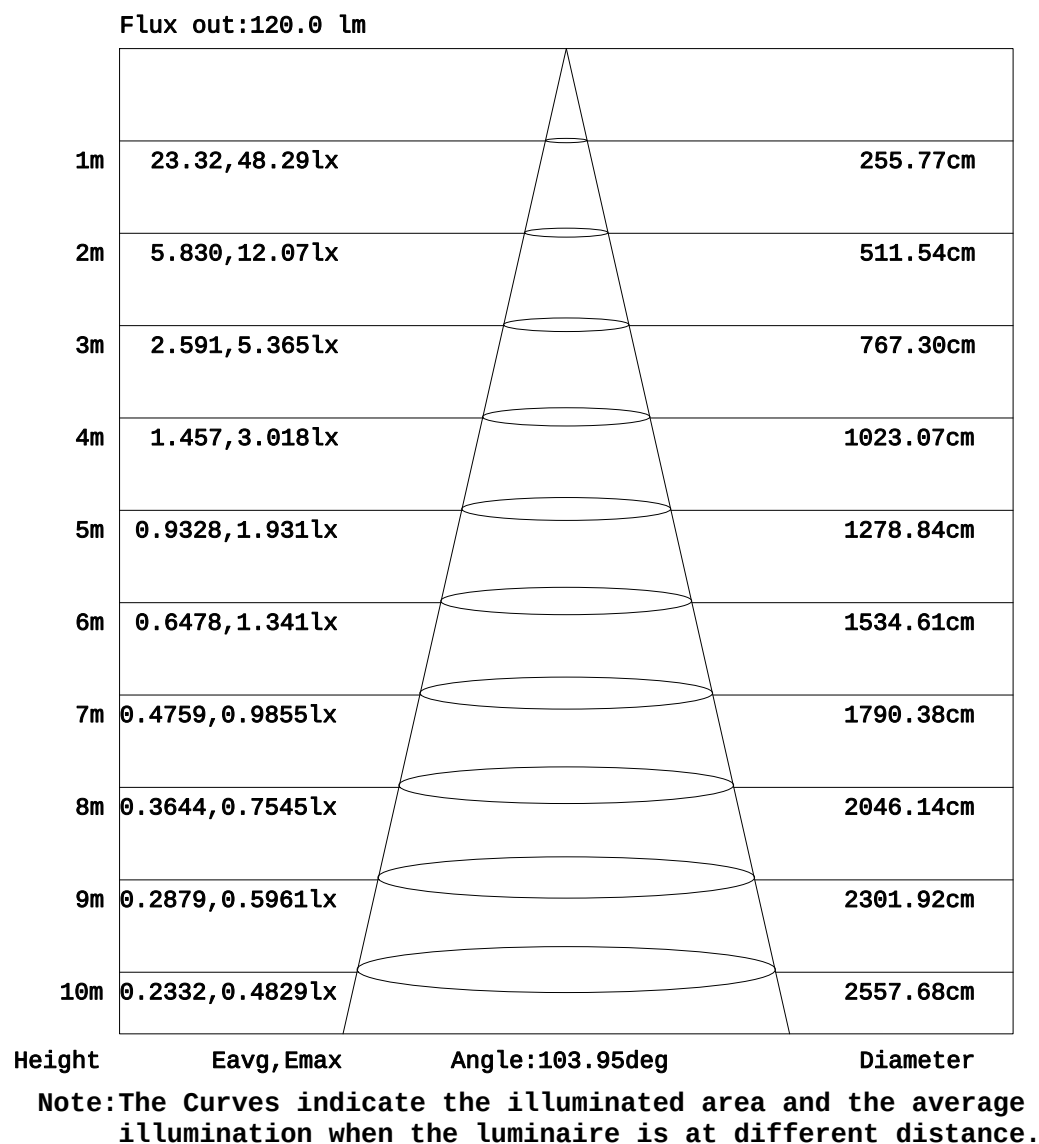


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2020-12-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 1.615m [K=1.0000]
Remarks:

AAI Figure

NAME: 四方110光效LED感应太阳能灯	TYPE: 6940101125	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2020123102
MFR.: EVERFINE	SUR.:	Shielding Angle:

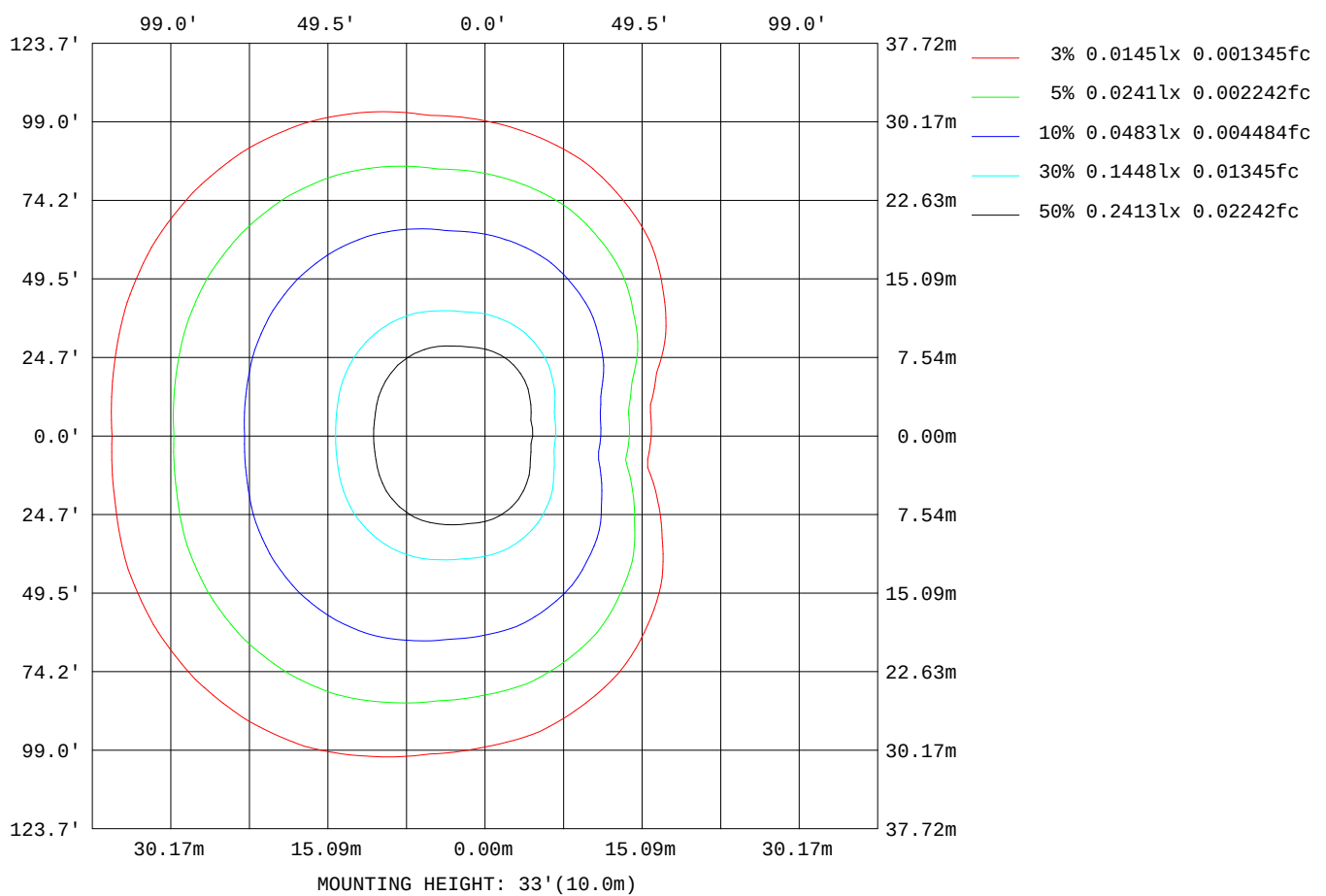


C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-12-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
 Humidity: 65.0%
 Test Distance: 1.615m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

NAME: 四方110光效LED感应太阳能灯	TYPE: 6940101125	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2020123102
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-12-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
 Humidity: 65.0%
 Test Distance: 1.615m [K=1.0000]
 Remarks:

LED Avg.L Report

NAME: 四方110光效LED感应太阳能灯	TYPE: 6940101125	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2020123102
MFR.: EVERFINE	SUR.:	Shielding Angle:

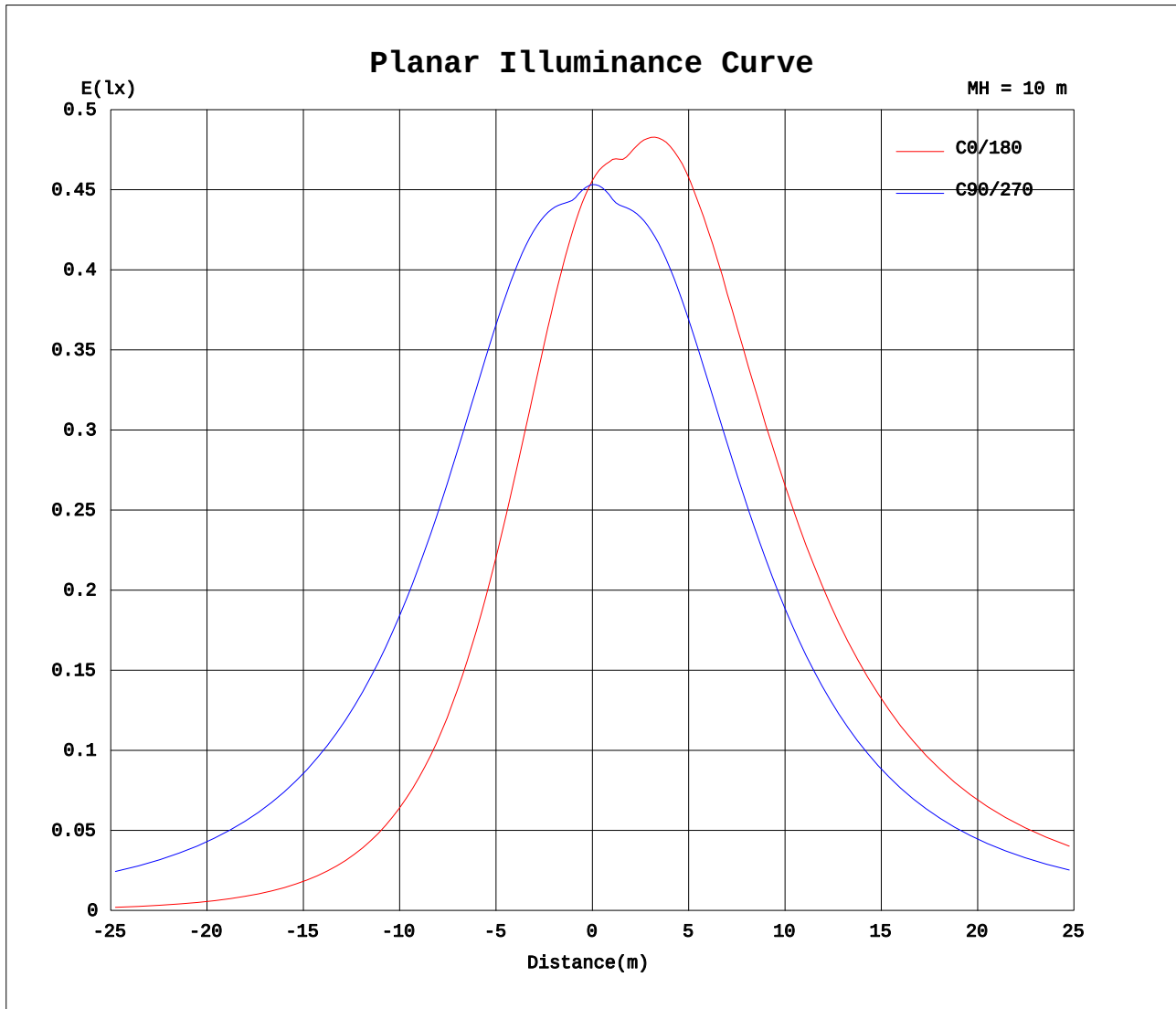
AvgL	cd/m2
L_0~180(65)av	976
L_0~180(75)av	1458
L_0~180(85)av	4095
L_90~270(65)av	1147
L_90~270(75)av	1727
L_90~270(85)av	4879
L_45(65)av	1207
L_45(75)av	1871
L_45(85)av	5373

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-12-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
 Humidity: 65.0%
 Test Distance: 1.615m [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: 2020-12-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
 Humidity: 65.0%
 Test Distance: 1.615m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: 四方110光效LED感应太阳能灯	TYPE:6940101125	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2020123102
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	45.6	45.1	45.5	45.1	45.4	45.1	45.4	45.2	45.3	45.3	45.3	45.4	45.3	45.5	45.2	45.6	45.2	45.7	45.6
5	43.5	42.9	43.5	43.1	43.7	43.6	44.2	44.2	44.8	45.0	45.4	45.8	46.0	46.4	46.4	46.9	46.8	47.2	47.3
10	41.0	40.4	41.1	40.8	41.7	42.2	43.3	44.3	45.0	46.1	46.4	47.3	47.1	47.8	47.5	48.1	48.2	49.0	49.3
15	38.2	37.5	38.4	38.5	40.2	41.6	43.3	45.0	46.2	47.8	48.4	49.5	49.5	50.3	50.1	51.5	51.3	52.9	53.4
20	35.1	34.4	35.5	36.4	38.9	41.0	43.4	45.7	47.5	49.5	50.4	51.8	51.9	54.1	54.4	56.2	55.7	57.5	58.0
25	31.9	31.1	32.6	34.3	37.5	40.2	43.3	46.1	48.5	50.8	52.0	53.8	55.0	58.1	58.9	61.1	60.4	61.7	62.6
30	28.5	27.8	29.7	32.0	35.9	39.2	42.9	46.2	49.1	51.7	53.3	55.6	58.2	62.1	63.4	65.8	65.0	65.8	66.7
35	25.1	24.3	26.8	29.7	34.2	38.0	42.3	46.0	49.4	52.2	54.2	57.4	61.0	65.5	68.1	69.9	69.7	69.4	70.0
40	21.6	20.9	23.8	27.2	32.3	36.5	41.3	45.4	49.3	52.3	54.8	58.8	63.4	68.6	71.5	73.5	73.3	72.4	72.9
45	18.1	17.5	20.9	24.7	30.2	34.8	40.1	44.5	48.8	52.1	55.0	59.9	65.5	71.1	74.4	76.4	76.1	75.0	75.1
50	14.8	14.2	18.0	22.1	28.0	32.8	38.5	43.2	47.9	51.5	54.8	60.5	67.3	73.0	76.6	78.7	78.4	76.8	76.6
55	11.5	11.0	15.0	19.5	25.6	30.7	36.7	41.7	46.8	50.5	54.3	60.8	68.1	74.3	78.2	80.3	79.8	77.9	77.3
60	8.38	7.90	12.2	16.9	23.2	28.5	34.8	40.0	45.4	49.1	53.4	60.5	68.5	74.8	79.0	81.0	80.6	78.4	77.5
65	5.49	5.09	9.56	14.5	20.9	26.5	32.9	38.2	43.7	47.5	52.2	59.9	68.3	74.8	79.2	81.1	80.7	78.2	77.0
70	3.09	2.89	7.32	12.6	19.0	24.7	31.0	36.3	41.8	45.7	50.8	58.8	67.5	74.1	78.5	80.3	80.1	77.2	75.9
75	1.30	1.31	5.78	11.2	17.5	23.1	29.2	34.4	39.9	43.8	49.0	57.4	66.4	72.9	77.4	79.2	78.8	75.8	74.2
80	0.22	0.58	4.91	10.5	16.4	22.0	27.7	32.9	38.1	42.1	47.4	56.0	65.1	71.6	75.9	77.5	77.1	74.0	72.2
85	0.15	0.56	4.89	10.5	16.3	21.9	27.4	32.7	37.7	41.8	46.8	55.8	64.6	71.1	75.1	76.8	76.1	73.1	71.2
90	0.15	0.55	4.86	10.4	16.2	21.8	27.3	32.5	37.5	41.5	46.7	55.5	64.4	70.7	74.9	76.5	75.8	72.7	70.9
95	0.15	0.53	4.75	10.2	15.9	21.4	26.9	31.9	36.9	40.7	45.9	54.3	63.3	69.4	73.5	75.0	74.4	71.2	69.5
100	0.15	0.50	4.58	9.89	15.5	20.8	26.2	31.0	35.9	39.4	44.5	52.5	61.2	66.9	71.1	72.5	71.9	68.7	67.3
105	0.15	0.47	4.36	9.48	15.0	20.0	25.3	29.9	34.6	37.8	42.5	49.9	58.3	63.4	67.9	69.1	68.6	64.9	63.5
110	0.16	0.42	4.10	8.99	14.3	19.1	24.2	28.5	32.9	35.8	40.2	46.9	54.7	59.5	64.0	64.3	64.4	60.7	59.5
115	0.15	0.37	3.79	8.41	13.5	18.1	22.9	26.8	31.0	33.5	37.5	43.4	50.9	55.1	59.4	59.4	59.6	55.9	54.9
120	0.15	0.30	3.44	7.75	12.6	16.9	21.4	25.0	28.9	31.0	34.5	39.5	46.5	50.2	54.3	54.1	54.3	50.8	50.0
125	0.16	0.26	3.06	7.04	11.6	15.5	19.8	23.0	26.6	28.3	31.2	35.4	41.8	45.0	48.9	48.5	48.8	45.4	44.8
130	0.15	0.22	2.65	6.25	10.5	14.0	18.0	20.8	24.0	25.4	27.9	31.1	36.9	39.6	43.2	42.6	43.0	39.8	39.5
135	0.15	0.19	2.23	5.41	9.27	12.4	16.1	18.5	21.4	22.4	24.4	26.8	31.8	33.9	37.3	36.5	37.0	34.1	34.1
140	0.15	0.17	1.79	4.53	7.95	10.7	14.0	16.0	18.6	19.3	21.0	22.4	26.7	28.2	31.3	30.4	31.1	28.5	28.6
145	0.16	0.17	1.35	3.63	6.61	8.94	11.8	13.4	15.7	16.2	17.5	18.1	21.6	22.6	25.3	24.4	25.2	23.0	23.3
150	0.16	0.16	0.94	2.71	5.23	7.09	9.62	10.8	12.8	13.0	14.1	13.9	16.7	17.1	19.4	18.4	19.3	17.6	18.0
155	0.15	0.16	0.56	1.81	3.82	5.24	7.32	8.17	9.85	9.83	10.7	9.98	12.0	11.9	13.8	12.8	13.8	12.6	12.9
160	0.16	0.16	0.27	0.96	2.44	3.42	5.08	5.57	6.96	6.75	7.51	6.62	7.54	7.19	8.60	7.72	8.68	8.02	8.15
165	0.15	0.15	0.18	0.37	1.08	1.74	2.24	3.07	4.11	3.88	4.42	3.69	3.84	3.21	4.05	3.44	4.30	4.04	4.10
170	0.14	0.15	0.15	0.16	0.29	0.45	1.02	1.02	1.35	1.24	1.71	1.30	1.38	0.83	0.77	0.54	1.13	0.99	0.95
175	0.13	0.13	0.12	0.14	0.14	0.14	0.15	0.16	0.19	0.17	0.19	0.18	0.19	0.17	0.18	0.15	0.17	0.17	0.12
180	0.10	0.10	0.11	0.11	0.12	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.12	0.12	0.12	0.13	0.13	0.11

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-12-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity:65.0%
Test Distance:1.615m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: 四方110光效LED感应太阳能灯	TYPE:6940101125	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2020123102
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	45.1	45.5	45.1	45.4	45.1	45.4	45.2	45.3	45.3	45.3	45.4	45.3	45.5	45.2	45.6	45.2	45.7		
5	46.8	47.0	46.6	46.6	46.2	46.1	45.7	45.5	45.2	44.8	44.7	44.1	44.1	43.5	43.8	43.2	43.6		
10	48.4	48.7	47.9	47.9	47.3	47.6	46.9	47.0	45.9	45.6	44.5	43.6	42.7	41.6	41.6	40.8	41.2		
15	52.1	52.3	50.7	51.1	49.8	50.2	49.2	49.1	47.8	47.0	45.3	43.8	42.1	40.3	39.3	38.0	38.4		
20	56.6	56.7	55.4	55.7	53.5	53.0	51.6	51.2	49.6	48.3	46.2	44.0	41.7	39.1	37.3	35.2	35.4		
25	61.1	61.6	60.4	60.4	57.7	56.4	53.8	52.9	51.2	49.4	46.8	44.0	41.0	37.7	35.2	32.3	32.1		
30	65.3	66.3	65.2	65.0	61.8	59.7	55.9	54.2	52.3	50.1	47.1	43.7	40.2	36.2	33.0	29.4	28.8		
35	69.4	70.3	70.1	69.0	65.3	62.6	57.9	55.2	53.0	50.4	47.0	43.1	39.1	34.5	30.8	26.6	25.3		
40	72.5	74.0	73.9	72.7	69.3	65.1	59.6	55.9	53.4	50.3	46.6	42.1	37.7	32.5	28.4	23.6	21.9		
45	75.1	76.9	76.9	75.6	72.0	67.1	60.9	56.1	53.3	49.9	45.9	40.9	36.1	30.5	25.9	20.6	18.5		
50	77.1	79.1	79.3	77.8	73.9	68.7	61.8	56.0	52.9	49.1	44.8	39.4	34.3	28.2	23.3	17.7	15.1		
55	78.3	80.6	81.0	79.4	75.4	69.7	62.2	55.5	52.0	47.9	43.4	37.6	32.2	25.8	20.7	14.8	11.8		
60	78.9	81.4	81.9	80.2	76.1	70.0	62.2	54.7	50.9	46.5	41.8	35.7	30.0	23.5	18.1	12.0	8.68		
65	78.8	81.4	82.1	80.3	76.2	69.8	61.6	53.5	49.4	44.8	40.0	33.8	28.0	21.3	15.6	9.38	5.80		
70	78.0	80.7	81.5	79.7	75.5	69.0	60.6	52.0	47.6	42.9	38.1	31.9	26.2	19.5	13.5	7.29	3.41		
75	76.6	79.4	80.3	78.5	74.4	67.9	59.3	50.2	45.6	41.0	36.2	30.1	24.5	18.0	12.1	5.87	1.69		
80	74.8	77.7	78.7	77.0	73.0	66.5	57.9	48.6	43.8	39.3	34.5	28.8	23.1	17.1	11.1	5.25	0.72		
85	73.7	77.0	77.9	76.3	72.4	66.1	57.4	48.5	43.2	39.2	34.2	28.8	23.0	17.1	11.1	5.28	0.69		
90	73.5	76.7	77.5	76.0	72.1	65.5	57.3	48.2	43.0	38.9	34.1	28.6	22.9	17.0	11.1	5.23	0.68		
95	72.2	75.0	76.2	74.5	70.8	64.1	56.3	47.2	42.3	38.2	33.5	28.1	22.6	16.7	10.9	5.11	0.66		
100	69.7	72.5	73.8	72.0	68.5	61.9	54.4	45.6	41.1	37.0	32.7	27.3	22.0	16.2	10.6	4.93	0.63		
105	66.5	69.1	70.5	68.7	65.4	58.9	52.0	43.4	39.5	35.6	31.5	26.3	21.2	15.6	10.1	4.67	0.60		
110	62.4	64.1	66.2	64.0	61.7	55.3	48.9	40.9	37.5	33.8	30.0	25.0	20.3	14.8	9.63	4.37	0.52		
115	57.6	59.2	61.3	59.2	57.2	51.1	45.4	37.9	35.2	31.7	28.3	23.6	19.2	13.9	9.03	4.02	0.46		
120	52.4	53.7	56.0	53.9	52.3	46.6	41.5	34.7	32.6	29.4	26.4	22.0	17.9	12.9	8.35	3.64	0.39		
125	47.0	48.0	50.3	48.3	47.1	41.6	37.3	31.3	29.8	26.9	24.3	20.2	16.5	11.8	7.59	3.21	0.31		
130	41.3	42.0	44.4	42.4	41.5	36.5	32.9	27.8	26.8	24.2	22.0	18.2	14.9	10.6	6.76	2.76	0.25		
135	35.6	36.0	38.2	36.3	35.8	31.3	28.4	24.1	23.7	21.4	19.6	16.2	13.3	9.33	5.89	2.28	0.19		
140	29.9	29.9	32.0	30.2	30.0	26.0	23.9	20.5	20.5	18.4	17.0	14.0	11.5	7.95	4.97	1.80	0.17		
145	24.3	24.0	25.8	24.1	24.2	20.8	19.4	16.9	17.2	15.4	14.4	11.7	9.63	6.52	4.00	1.32	0.15		
150	18.8	18.1	19.8	18.2	18.5	15.7	15.1	13.4	13.9	12.4	11.7	9.32	7.72	5.06	3.03	0.86	0.14		
155	13.7	12.5	14.0	12.6	13.1	10.9	10.9	10.00	10.6	9.30	8.91	6.95	5.79	3.61	2.07	0.47	0.13		
160	8.88	7.54	8.61	7.46	8.12	6.62	7.25	6.77	7.39	6.34	6.17	4.64	3.86	2.08	1.12	0.20	0.12		
165	4.62	3.51	3.98	3.13	3.76	3.21	4.11	3.79	3.96	2.86	2.99	1.74	1.42	0.66	0.41	0.14	0.11		
170	1.24	0.68	0.72	0.41	0.89	0.91	1.46	1.19	1.31	0.88	0.85	0.58	0.51	0.18	0.14	0.12	0.12		
175	0.12	0.10	0.11	0.10	0.12	0.12	0.13	0.12	0.13	0.11	0.12	0.10	0.10	0.09	0.10	0.10	0.09		
180	0.11	0.11	0.11	0.10	0.11	0.10	0.12	0.11	0.11	0.11	0.12	0.13	0.13	0.12	0.12	0.13	0.12		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-12-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity:65.0%
Test Distance:1.615m [K=1.0000]
Remarks: