

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

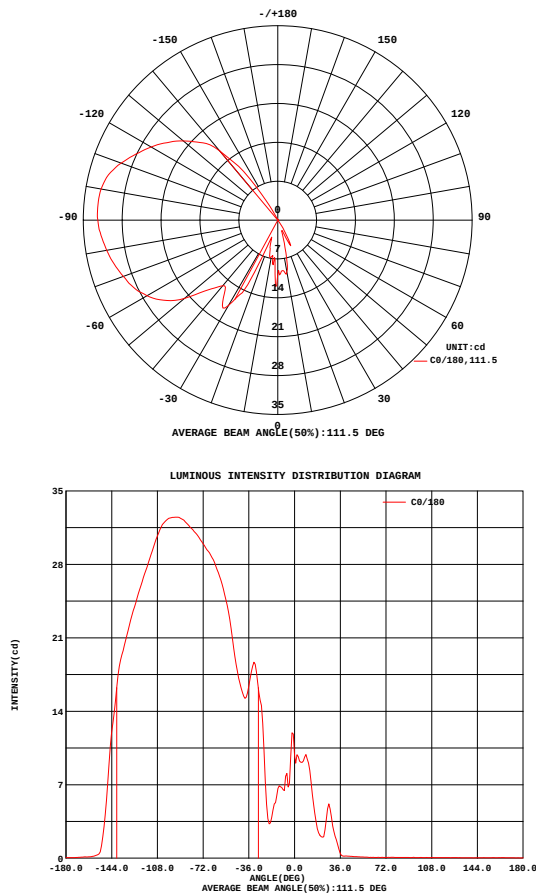


Fig. C0/C180

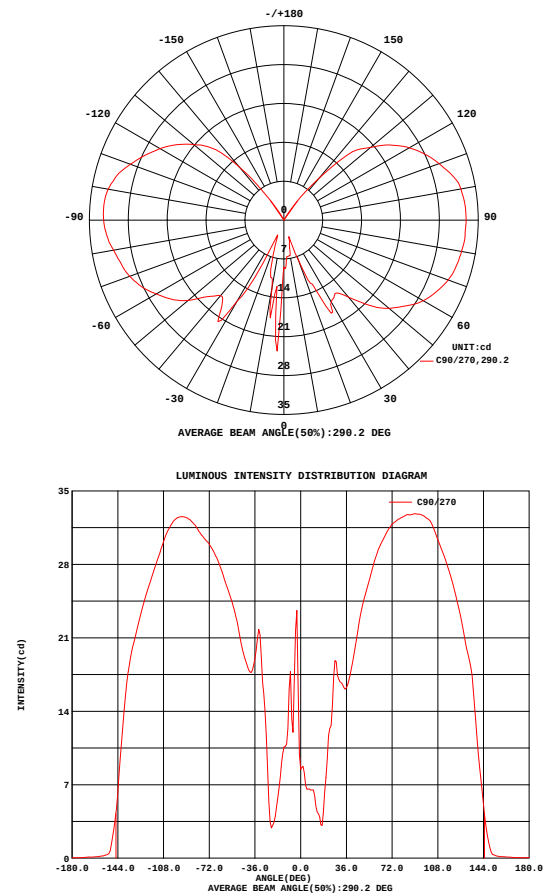


Fig. C90/C270

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-09-24

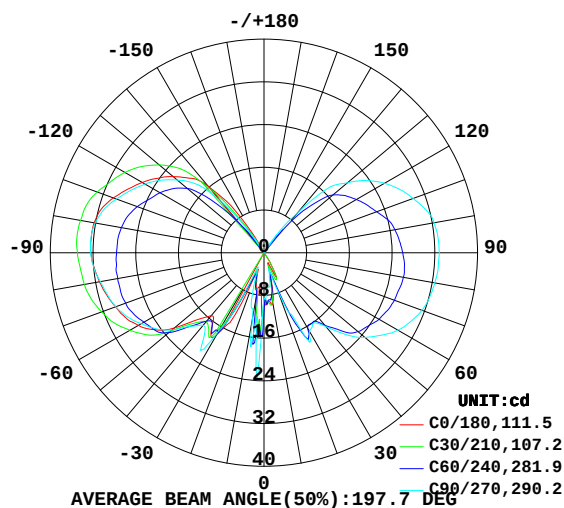
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity:65.0%
Test Distance:1.615m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

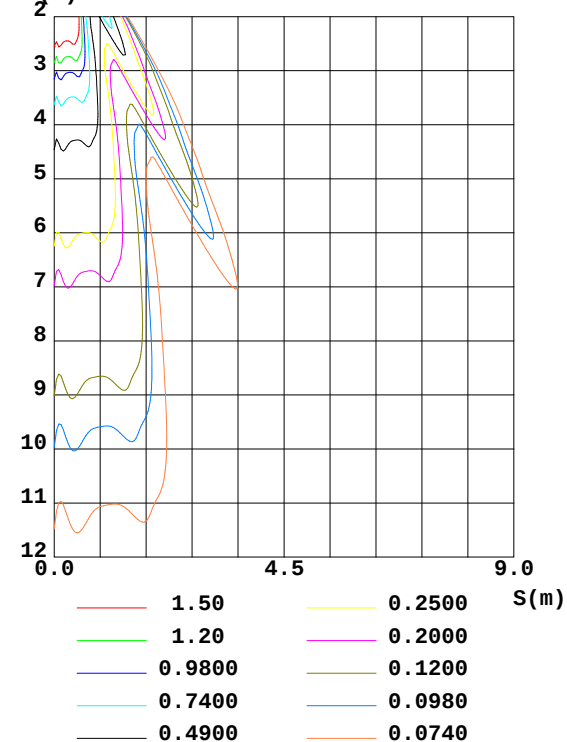
NAME: 120方形框架感应半壁太阳能灯	TYPE: 6988804012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2021092401
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 83.08 lm/W			
MODEL		Imax(cd)	36.76	S/MH(C0/180)	0.53
NOMINAL POWER(W)	2.4	LOR(%)	100.0	S/MH(C90/270)	0.68
RATED VOLTAGE(V)	3.7	TOTAL FLUX(lm)	199.38	η UP, DN(C0-180)	22.0, 26.1
NOMINAL FLUX(lm)	199.381	CIE CLASS	DIFFUSE	η UP, DN(C180-360)	23.5, 28.4
LAMPS INSIDE	1	η up(%)	45.6	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	3.7	η down(%)	54.4	CIBSE SHR MAX	1.00

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: 2021-09-24

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:

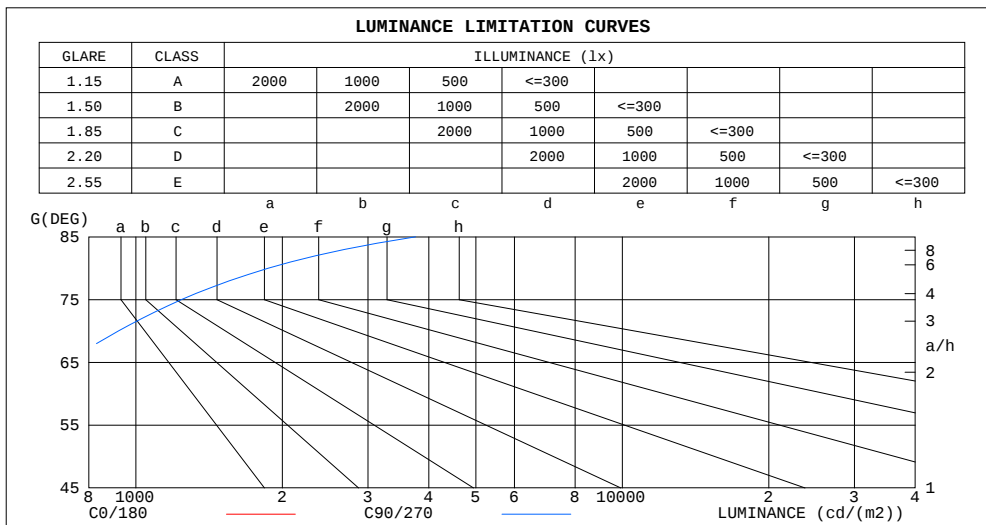
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	9.442	9.054	6.498	5.461	6.731	7.350	12.35	10.30	0- 10	0.9334	0.9334	0.47,0.47
20	2.183	5.086	7.692	3.926	3.278	3.946	3.968	3.296	10- 20	1.530	2.464	1.24,1.24
30	3.077	10.16	17.06	12.56	17.71	13.73	16.74	7.947	20- 30	4.271	6.735	3.38,3.38
40	0.2044	9.019	18.09	9.730	15.43	12.37	17.78	4.332	30- 40	8.086	14.82	7.43,7.43
50	0.1370	12.45	24.70	14.02	21.94	16.54	22.53	6.230	40- 50	11.10	25.92	13,13
60	0.0817	13.87	28.99	17.65	27.20	20.38	26.55	7.784	50- 60	16.35	42.27	21.2,21.2
70	0.0743	14.50	31.49	19.49	29.59	22.46	29.54	8.047	60- 70	20.11	62.38	31.3,31.3
80	0.0704	14.57	32.49	19.62	31.28	23.76	31.12	8.420	70- 80	22.49	84.87	42.6,42.6
90	0.0657	14.52	32.82	18.49	32.41	24.51	32.45	8.778	80- 90	23.64	108.5	54.4,54.4
100	0.0695	14.21	32.35	17.20	32.30	24.68	32.12	8.752	90-100	23.57	132.1	66.2,66.2
110	0.0553	13.03	29.75	15.81	30.04	23.52	29.44	8.071	100-110	21.98	154.1	77.3,77.3
120	0.0466	11.17	26.07	14.24	26.34	20.87	25.76	7.127	110-120	18.74	172.8	86.7,86.7
130	0.0519	8.192	20.39	12.78	22.20	17.28	21.19	5.828	120-130	14.81	187.6	94.1,94.1
140	0.0360	0.7801	9.854	5.002	16.26	6.307	12.60	0.9170	130-140	9.315	196.9	98.8,98.8
150	0.0396	0.1539	0.5821	0.3103	3.039	0.3202	0.7090	0.1809	140-150	2.305	199.2	99.9,99.9
160	0.0449	0.0987	0.1332	0.1150	0.1525	0.1358	0.1488	0.0955	150-160	0.1206	199.4	100,100
170	0.0384	0.0596	0.0554	0.0678	0.0819	0.0670	0.0757	0.0563	160-170	0.0257	199.4	100,100
180	0.0308	0.0454	0.0492	0.0495	0.0500	0.0547	0.0445	0.0468	170-180	0.0050	199.4	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:2021-09-24

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: 120方形框架感应半壁太阳能灯	TYPE: 6988804012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2021092401
MFR.: EVERFINE	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	8	3757
80	4	1871
75	3	1241
70	2	921
65	2	719
60	2	580
55	2	469
50	2	384
45	2	306

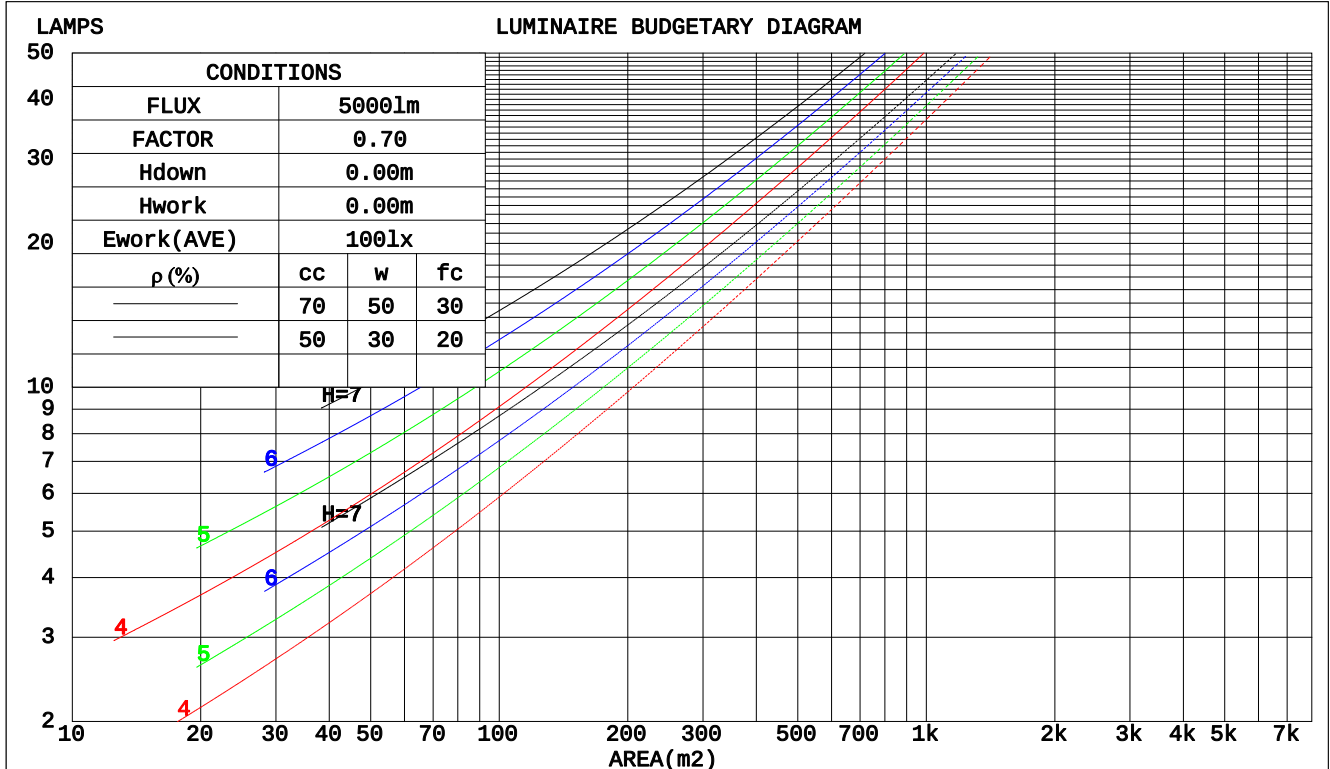
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Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: 120方形框架感应半壁太阳能灯	TYPE:6988804012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2021092401
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)															
0.0	1.08	1.08	1.08	1.00	1.00	1.00	.86	.86	.86	.72	.72	.72	.60	.60	.60	.54
1.0	.86	.79	.74	.79	.73	.68	.66	.62	.58	.54	.51	.48	.44	.41	.39	.33
2.0	.71	.63	.56	.66	.58	.51	.55	.48	.43	.44	.40	.35	.35	.31	.28	.23
3.0	.61	.51	.43	.56	.47	.40	.46	.39	.34	.37	.32	.27	.29	.25	.21	.17
4.0	.53	.43	.35	.48	.39	.32	.40	.33	.27	.32	.26	.22	.25	.20	.17	.13
5.0	.46	.36	.29	.42	.33	.27	.35	.28	.22	.28	.22	.18	.22	.17	.14	.10
6.0	.41	.31	.24	.37	.29	.22	.31	.24	.19	.25	.19	.15	.19	.15	.11	.08
7.0	.36	.27	.21	.33	.25	.19	.28	.21	.16	.22	.17	.13	.17	.13	.10	.07
8.0	.33	.24	.18	.30	.22	.16	.25	.18	.14	.20	.15	.11	.16	.11	.08	.06
9.0	.30	.21	.16	.27	.20	.14	.23	.16	.12	.18	.13	.09	.14	.10	.07	.05
10.0	.27	.19	.14	.25	.18	.13	.21	.15	.10	.17	.12	.08	.13	.09	.06	.04



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
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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: 120方形框架感应半壁太阳能灯	TYPE:6988804012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2021092401
MFR.: EVERFINE	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	.449	.255	.081	.427	.244	.077	.388	.222	.071	.351	.202	.065	.317	.184	.059		
2.0	.368	.202	.062	.349	.192	.059	.312	.174	.054	.279	.156	.049	.248	.140	.044		
3.0	.318	.169	.051	.300	.161	.048	.267	.145	.044	.236	.129	.040	.207	.115	.036		
4.0	.280	.146	.043	.264	.138	.041	.234	.124	.037	.206	.110	.033	.179	.097	.030		
5.0	.251	.128	.037	.237	.121	.035	.209	.109	.032	.183	.096	.029	.158	.085	.025		
6.0	.228	.114	.033	.214	.108	.031	.189	.097	.028	.164	.085	.025	.142	.075	.022		
7.0	.209	.103	.029	.196	.098	.028	.172	.087	.025	.150	.077	.022	.129	.067	.020		
8.0	.192	.094	.026	.181	.089	.025	.158	.079	.023	.138	.070	.020	.118	.061	.018		
9.0	.178	.086	.024	.167	.082	.023	.147	.073	.021	.127	.064	.018	.109	.055	.016		
10.0	.166	.080	.022	.156	.075	.021	.137	.067	.019	.119	.059	.017	.101	.051	.015		

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	.538	.538	.538	.460	.460	.460	.314	.314	.314	.180	.180	.180	.058	.058	.058		
1.0	.540	.505	.474	.462	.433	.408	.316	.298	.282	.182	.173	.164	.058	.056	.053		
2.0	.535	.484	.441	.458	.417	.381	.314	.288	.266	.181	.168	.156	.058	.054	.051		
3.0	.528	.469	.422	.453	.405	.366	.311	.281	.257	.179	.164	.151	.058	.053	.050		
4.0	.520	.458	.410	.447	.395	.356	.307	.276	.251	.178	.161	.148	.057	.053	.049		
5.0	.513	.449	.401	.440	.388	.349	.303	.271	.246	.176	.159	.146	.057	.052	.048		
6.0	.505	.441	.395	.434	.382	.344	.300	.268	.244	.174	.157	.145	.056	.051	.048		
7.0	.498	.435	.391	.429	.377	.341	.296	.264	.241	.172	.156	.144	.056	.051	.048		
8.0	.491	.430	.388	.423	.373	.338	.293	.262	.240	.170	.154	.143	.055	.051	.047		
9.0	.485	.425	.385	.418	.369	.336	.290	.260	.239	.169	.153	.142	.055	.050	.047		
10.0	.479	.422	.383	.413	.366	.334	.287	.258	.238	.167	.152	.142	.054	.050	.047		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-09-24

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: 120方形框架感应半壁太阳能灯					TYPE:6988804012					WEIGHT:				
SPEC.:					DIM.:					SERIAL No.:A2021092401				
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					-2.1	-0.9	-1.3	-0.1	1.0	13.9	15.1	14.7	16.0	17.1
3H					-2.4	-1.4	-1.6	-0.5	0.7	17.8	18.9	18.7	19.8	20.9
4H					-2.6	-1.6	-1.7	-0.7	0.5	20.0	21.0	20.8	21.9	23.0
6H					-2.8	-1.8	-1.9	-0.9	0.3	22.3	23.2	23.2	24.1	25.3
8H					-2.8	-1.9	-2.0	-1.0	0.2	23.5	24.5	24.4	25.4	26.6
12H					-2.9	-2.0	-2.0	-1.1	0.1	24.9	25.8	25.8	26.8	28.0
4H 2H					7.6	8.7	8.5	9.6	10.7	14.2	15.3	15.1	16.2	17.3
3H					7.5	8.4	8.4	9.3	10.5	18.5	19.4	19.4	20.3	21.5
4H					7.3	8.1	8.2	9.0	10.2	20.8	21.7	21.7	22.6	23.8
6H					7.1	7.8	8.0	8.8	10.0	23.4	24.1	24.3	25.1	26.3
8H					7.0	7.7	7.9	8.7	9.9	24.8	25.5	25.7	26.4	27.7
12H					6.9	7.6	7.9	8.5	9.8	26.4	27.0	27.3	28.0	29.2
8H 4H					13.3	14.0	14.2	14.9	16.2	21.0	21.7	22.0	22.7	23.9
6H					13.2	13.8	14.2	14.8	16.0	24.0	24.5	24.9	25.5	26.8
8H					13.1	13.6	14.1	14.6	15.9	25.6	26.1	26.6	27.1	28.4
12H					13.0	13.5	14.0	14.5	15.8	27.5	27.9	28.4	28.9	30.2
12H 4H					15.2	15.9	16.2	16.8	18.1	20.9	21.6	21.9	22.5	23.8
6H					15.9	16.5	16.9	17.5	18.8	24.0	24.5	25.0	25.5	26.8
8H					15.9	16.4	16.9	17.4	18.7	25.8	26.2	26.8	27.3	28.6
Variations with the observer position at spacings:														
S = 1.0H					+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H					+ 0.4 / - 0.3					+ 0.3 / - 0.3				
2.0H					+ 0.7 / - 0.9					+ 0.4 / - 0.4				

CIE Pub.117, 199.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -5.6)
Area: 0.1 m2

C Range: 0 - 360DEG
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Operators:DAMIN
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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: 120方形框架感应半壁太阳能灯	TYPE: 6988804012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2021092401
MFR.: EVERFINE	SUR.:	Shielding Angle:

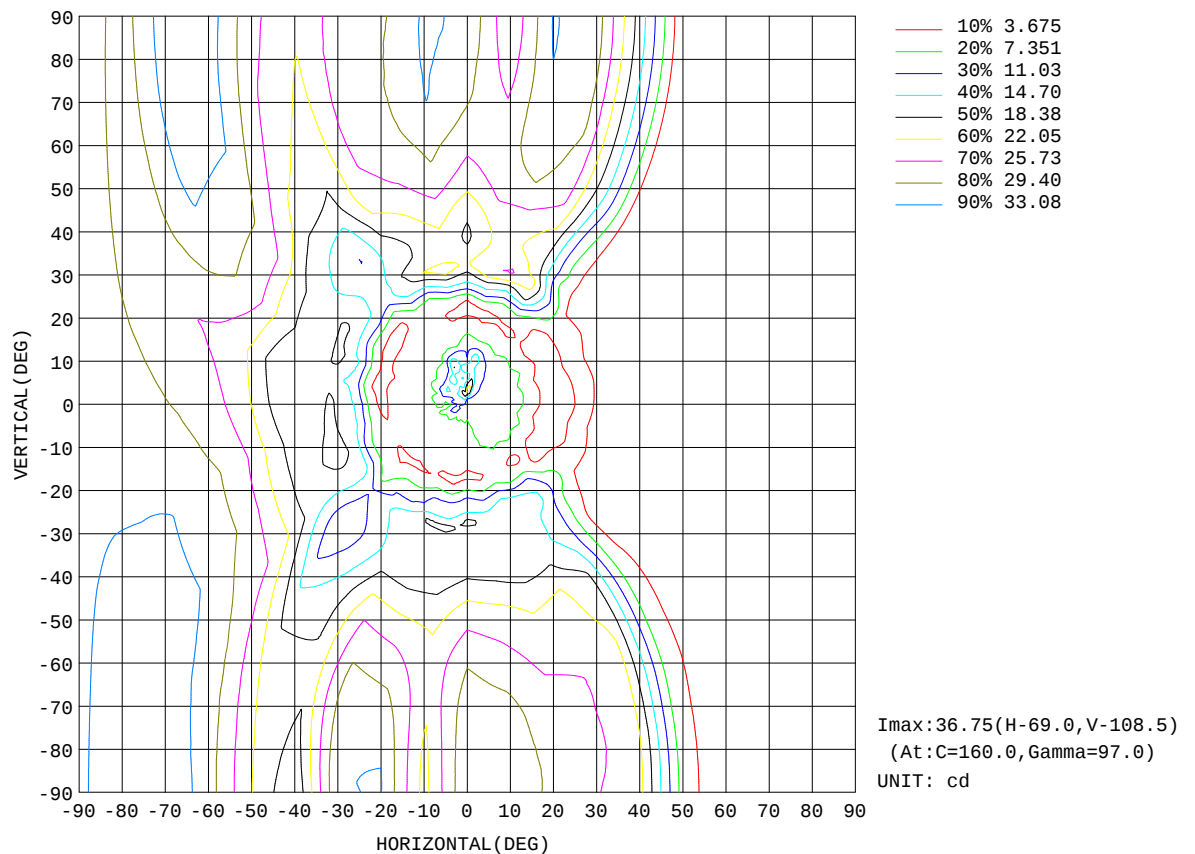
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) × RCR = 5									
k = 0.60	34	21	14	33	20	13	30	19	12	5
0.80	43	28	19	40	27	19	36	24	17	8
1.00	50	35	25	47	33	24	41	32	22	11
1.25	57	42	31	53	39	30	46	35	27	14
1.50	62	47	37	58	44	35	50	39	31	16
2.00	70	56	46	65	53	43	56	46	38	21
2.50	75	62	52	70	58	49	60	51	43	24
3.00	79	68	58	74	63	54	63	55	48	27
4.00	85	75	66	79	70	62	67	60	54	31
5.00	89	80	72	82	74	67	70	64	58	34
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNM = 1.25										

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γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
 Humidity: 65.0%
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ISOCANDELA DIAGRAM

NAME: 120方形框架感应半壁太阳能灯	TYPE: 6988804012	WEIGHT:
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MFR.: EVERFINE	SUR.:	Shielding Angle:

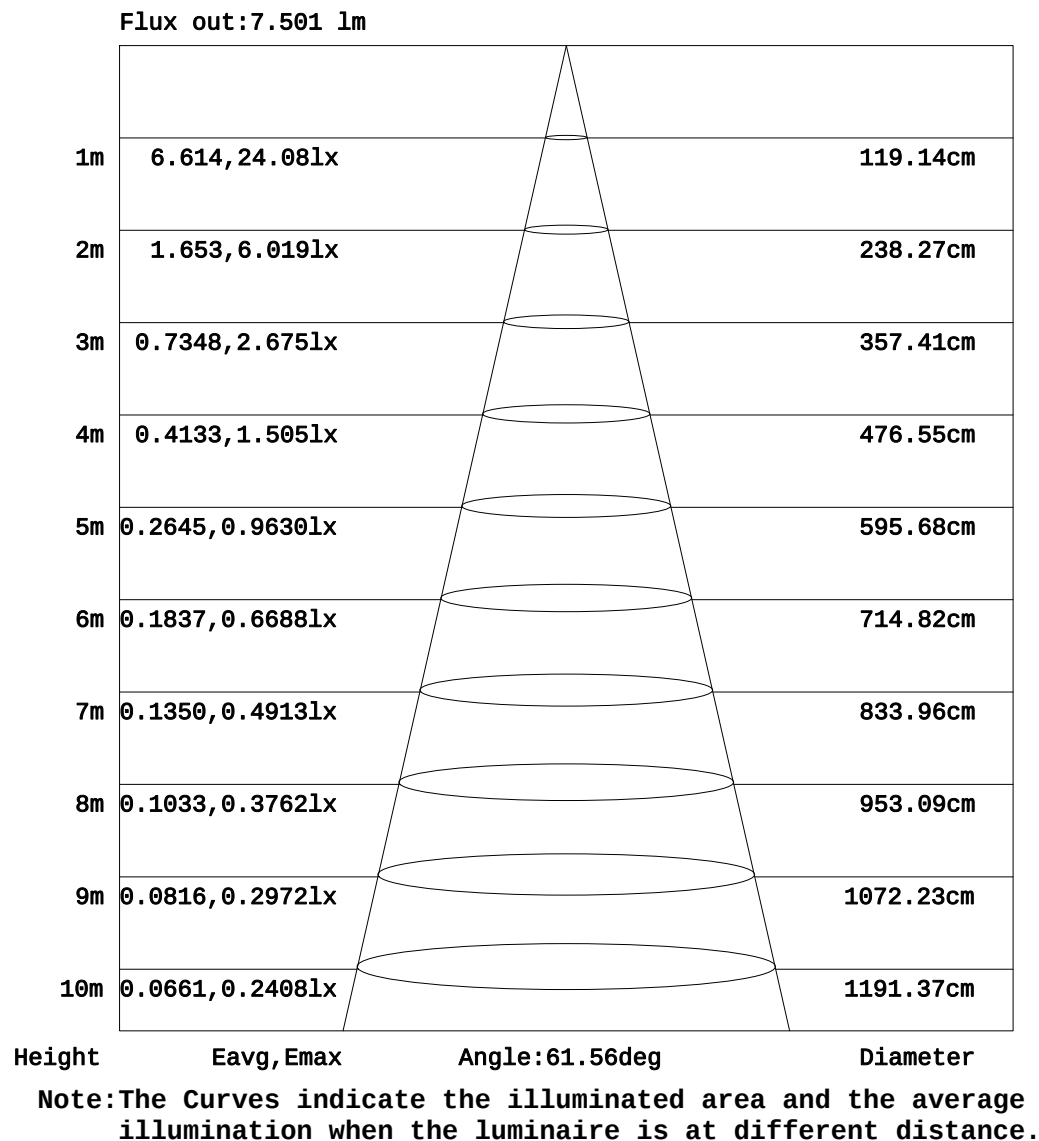


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AAI Figure

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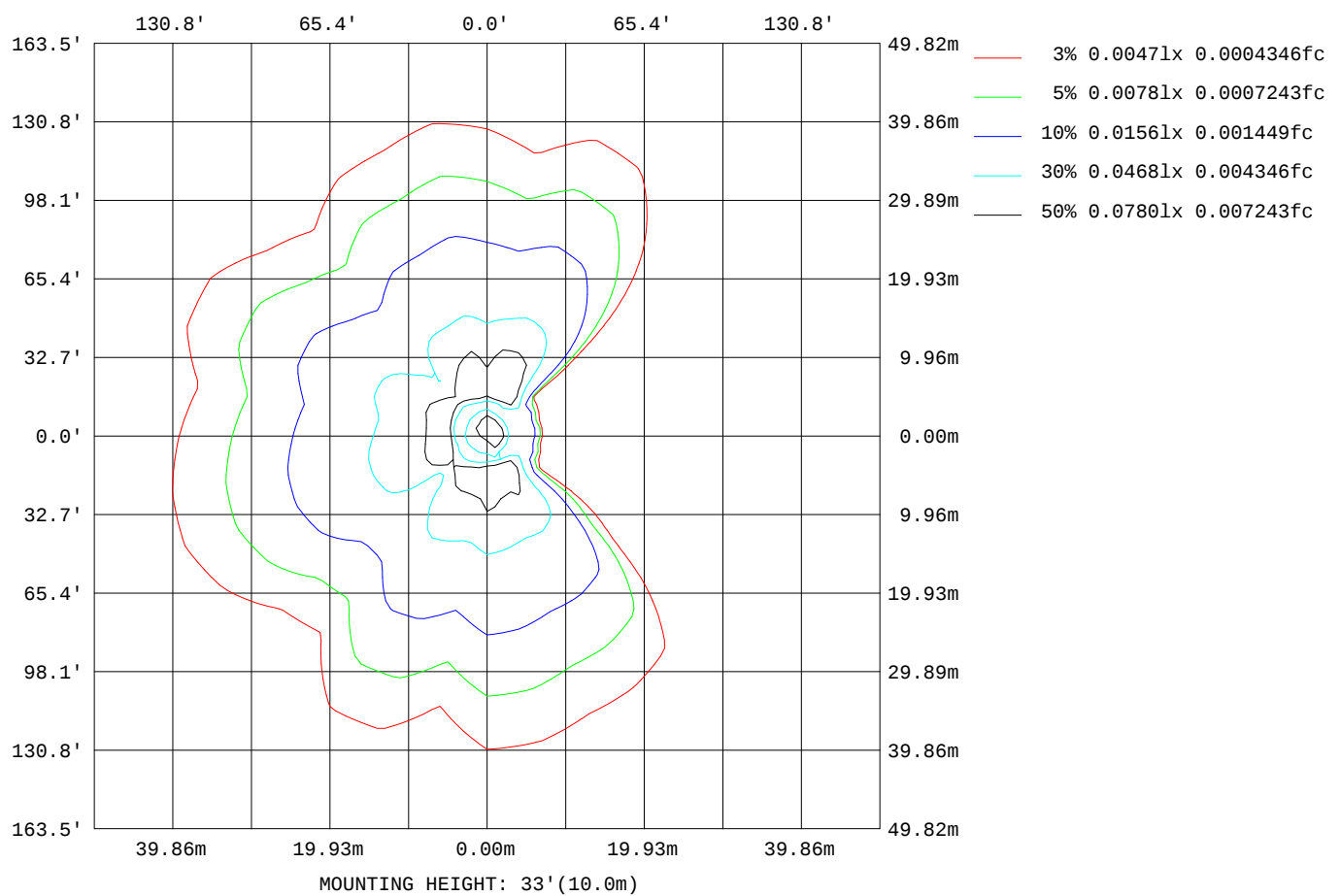


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ISOLUX DIAGRAM

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SPEC.:	DIM.:	SERIAL No.: A2021092401
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
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Test Date: 2021-09-24

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: 120方形框架感应半壁太阳能灯	TYPE: 6988804012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2021092401
MFR.: EVERFINE	SUR.:	Shielding Angle:

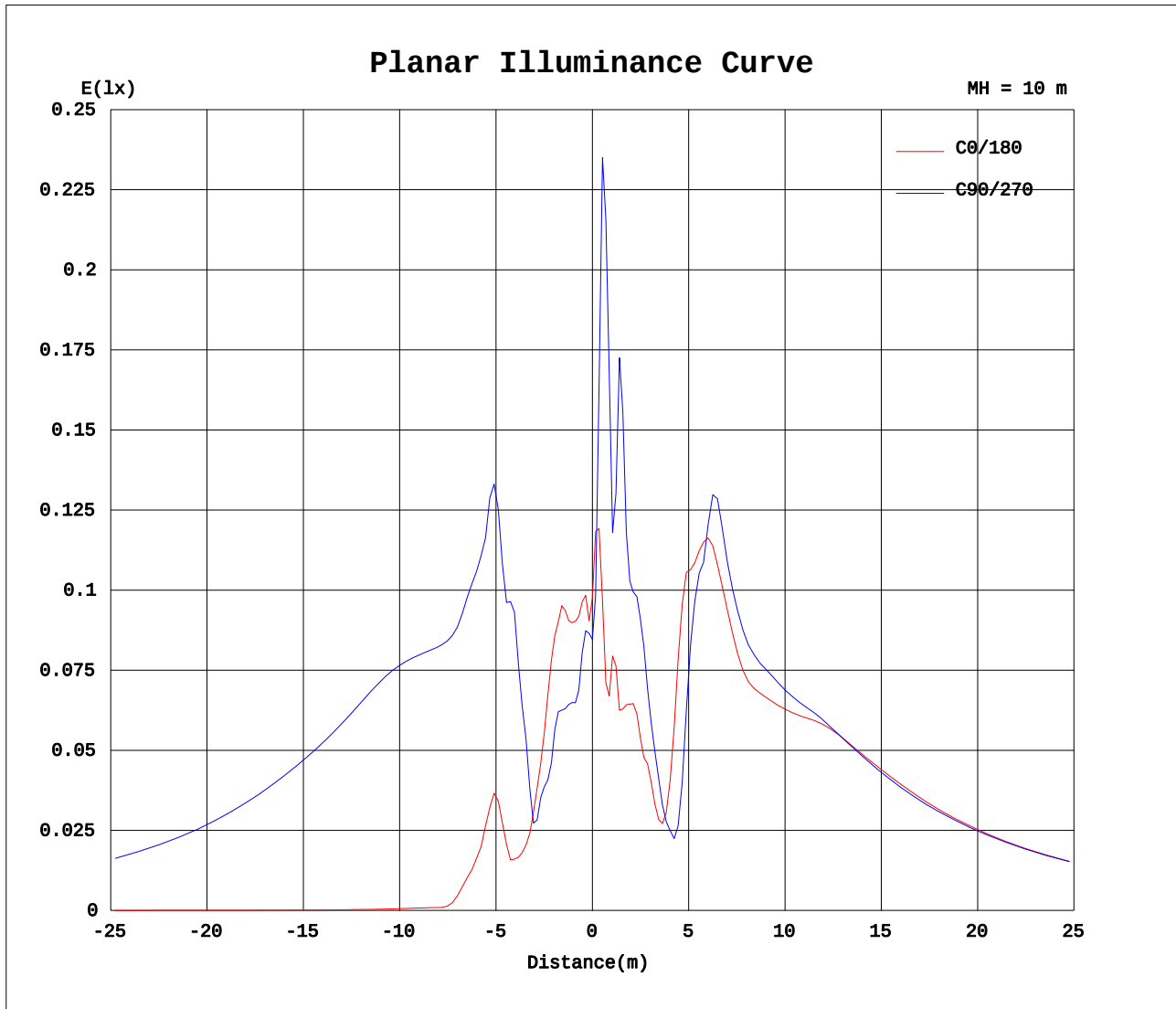
AvgL	cd/m2
L_0~180(65)av	340
L_0~180(75)av	591
L_0~180(85)av	1836
L_90~270(65)av	694
L_90~270(75)av	1206
L_90~270(85)av	3714
L_45(65)av	353
L_45(75)av	605
L_45(85)av	1818

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2021-09-24

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: 2021-09-24

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: 120方形框架感应半壁太阳能灯	TYPE:6988804012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2021092401
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	9.76	8.94	10.3	8.67	11.0	8.51	11.1	8.47	11.3	8.47	9.96	8.54	9.40	8.68	9.38	8.90	9.16	9.33	9.76
5	9.14	8.97	8.81	9.08	9.22	9.29	9.00	8.47	7.47	6.57	6.83	5.89	6.74	5.75	8.61	7.73	8.50	6.75	6.78
10	9.44	8.82	9.51	9.06	9.64	8.47	8.32	7.61	6.80	6.50	6.27	6.04	5.78	5.23	5.70	6.40	5.94	6.64	6.73
15	5.11	3.95	4.92	3.98	4.59	3.96	4.52	3.74	4.42	3.92	4.58	4.73	4.60	4.12	4.40	4.07	4.92	5.02	5.30
20	2.18	2.01	2.31	2.55	3.53	6.64	6.08	8.57	6.43	7.69	5.55	6.75	4.59	4.27	3.58	3.85	3.92	3.84	3.28
25	3.66	4.78	4.50	5.51	8.47	14.1	15.7	17.1	13.9	14.5	11.9	11.3	10.8	10.4	6.16	9.87	9.67	13.4	12.8
30	3.08	2.47	3.32	2.96	6.72	13.6	16.4	15.7	16.3	17.1	18.4	17.7	18.1	13.8	11.3	16.2	18.9	18.0	17.7
35	0.84	0.45	1.08	0.81	4.56	13.0	15.9	15.1	15.9	16.1	15.9	15.2	16.3	12.1	9.05	15.6	19.0	17.5	17.1
40	0.20	0.23	0.26	0.37	3.93	14.1	17.7	16.3	17.5	18.1	16.2	15.9	16.8	12.1	7.32	15.9	16.9	16.5	15.4
45	0.17	0.18	0.26	0.31	4.39	17.4	20.8	19.8	20.7	21.7	18.6	18.7	19.9	13.9	9.26	18.5	19.0	19.5	17.8
50	0.14	0.15	0.19	0.26	5.37	19.5	23.0	21.9	23.7	24.7	20.9	21.7	23.4	16.1	12.0	22.3	23.4	24.2	21.9
55	0.09	0.11	0.15	0.21	5.87	20.7	23.9	23.4	25.5	26.9	22.2	24.5	26.2	17.5	14.7	25.1	27.3	27.7	25.1
60	0.08	0.10	0.14	0.20	5.90	21.8	24.9	24.7	27.2	29.0	22.9	26.7	28.2	18.3	17.0	26.9	29.9	29.9	27.2
65	0.07	0.10	0.13	0.19	6.00	22.6	25.5	25.9	28.7	30.4	23.0	28.5	30.0	18.6	19.0	28.2	31.6	31.5	28.7
70	0.07	0.09	0.13	0.19	6.17	22.8	26.0	26.8	30.3	31.5	22.6	30.3	31.6	18.7	20.3	29.0	33.1	33.0	29.6
75	0.08	0.10	0.13	0.18	5.88	23.0	26.2	27.4	31.1	32.1	21.9	31.7	32.3	18.3	21.2	29.6	34.4	33.9	30.5
80	0.07	0.09	0.12	0.17	5.74	23.4	26.5	27.9	31.7	32.5	21.2	32.6	32.7	17.4	21.9	30.3	35.0	34.5	31.3
85	0.07	0.09	0.12	0.17	5.74	23.4	26.4	28.3	32.1	32.7	20.9	33.1	33.0	16.2	22.1	30.8	35.8	35.2	31.9
90	0.07	0.09	0.12	0.17	5.75	23.3	26.0	28.4	32.2	32.8	20.7	33.2	32.9	14.8	22.2	31.0	36.5	35.5	32.4
95	0.06	0.09	0.10	0.16	5.75	23.2	25.5	28.3	32.1	32.7	20.5	33.1	32.8	13.5	22.2	31.2	36.7	35.5	32.5
100	0.07	0.08	0.11	0.16	5.66	22.8	24.9	27.9	31.8	32.4	20.2	32.7	32.5	12.2	22.2	31.0	36.7	35.1	32.3
105	0.06	0.08	0.11	0.15	5.56	22.0	24.0	26.9	31.0	31.3	20.1	32.0	32.1	11.4	21.9	30.7	36.1	34.4	31.6
110	0.06	0.08	0.09	0.16	5.35	20.7	22.5	25.5	30.2	29.7	20.3	30.7	31.0	10.5	21.2	29.8	34.7	32.9	30.0
115	0.05	0.07	0.10	0.15	5.03	19.2	21.3	24.4	29.2	28.1	20.5	29.3	29.5	9.77	20.1	28.4	33.0	31.1	28.2
120	0.05	0.08	0.10	0.14	4.61	17.7	20.0	23.3	27.8	26.1	21.1	27.8	28.1	9.44	19.0	27.3	31.1	29.2	26.3
125	0.05	0.07	0.10	0.14	4.25	16.0	18.7	21.5	25.8	23.6	21.4	25.8	26.1	9.30	17.9	26.0	28.7	27.2	24.3
130	0.05	0.08	0.09	0.12	2.99	13.4	16.9	19.6	23.0	20.4	20.6	23.2	23.6	8.85	16.7	24.1	26.1	25.2	22.2
135	0.03	0.06	0.08	0.10	0.83	6.77	12.6	15.6	20.2	17.4	19.4	19.1	18.0	5.37	14.7	21.2	22.7	23.0	19.8
140	0.04	0.06	0.07	0.09	0.18	1.38	6.44	8.74	13.0	9.85	13.0	10.9	9.04	1.90	8.11	15.2	18.1	18.7	16.3
145	0.04	0.05	0.07	0.08	0.13	0.29	1.48	2.29	5.38	3.94	5.34	2.80	2.10	0.40	1.95	5.30	10.8	11.7	10.7
150	0.04	0.07	0.06	0.08	0.11	0.20	0.31	0.34	0.95	0.58	0.84	0.36	0.35	0.25	0.37	0.45	2.92	2.90	3.04
155	0.04	0.06	0.07	0.08	0.09	0.13	0.15	0.16	0.21	0.19	0.24	0.18	0.21	0.16	0.22	0.22	0.34	0.32	0.33
160	0.04	0.06	0.06	0.07	0.08	0.12	0.14	0.13	0.14	0.13	0.13	0.12	0.13	0.11	0.12	0.12	0.16	0.15	0.15
165	0.05	0.05	0.06	0.06	0.06	0.07	0.09	0.10	0.09	0.10	0.09	0.09	0.09	0.09	0.10	0.10	0.12	0.11	0.12
170	0.04	0.06	0.05	0.06	0.07	0.05	0.06	0.05	0.06	0.06	0.06	0.07	0.06	0.06	0.07	0.07	0.08	0.09	0.08
175	0.02	0.05	0.06	0.05	0.05	0.05	0.04	0.04	0.04	0.05	0.05	0.04	0.06	0.05	0.06	0.05	0.06	0.04	0.05
180	0.03	0.05	0.05	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.05	0.05	0.05	0.06	0.04	0.04	0.05

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-09-24

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: 120方形框架感应半壁太阳能灯	TYPE:6988804012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2021092401
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--2

UNIT: cd

γ (DEG) \ C (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	8.94	10.3	8.67	11.0	8.51	11.1	8.47	11.3	8.47	9.96	8.54	9.40	8.68	9.38	8.90	9.16	9.33		
5	7.64	10.9	14.9	14.7	13.3	14.1	13.5	12.6	17.0	22.5	13.1	11.4	10.9	9.41	9.53	9.29	9.05		
10	6.75	6.52	7.20	6.93	7.76	8.12	18.6	13.8	12.4	17.1	12.4	10.0	10.2	10.4	9.86	9.05	9.73		
15	5.65	5.05	5.97	5.82	6.58	6.11	6.65	5.99	9.14	7.21	6.89	5.53	6.28	5.22	6.42	4.39	5.28		
20	3.41	3.42	3.54	3.66	4.23	4.17	4.51	3.41	3.97	3.55	3.57	3.52	4.04	2.55	2.92	2.40	2.45		
25	9.31	10.7	6.50	5.56	4.15	7.67	5.84	7.59	5.39	10.3	8.22	11.0	6.51	4.18	4.47	4.48	3.97		
30	16.7	18.2	15.8	14.9	12.6	17.3	17.3	20.7	16.7	22.8	22.1	22.2	11.9	3.99	4.21	2.79	3.48		
35	17.0	17.5	18.1	15.3	12.2	16.9	19.4	20.9	19.8	24.1	25.2	19.3	7.54	1.30	1.39	0.55	0.88		
40	15.0	17.0	16.8	13.8	10.9	16.7	19.3	21.6	17.8	22.6	22.6	19.8	8.02	0.64	0.35	0.22	0.21		
45	16.7	19.5	18.7	15.1	12.4	19.5	21.8	24.1	19.5	24.4	24.6	22.2	9.42	0.48	0.33	0.21	0.20		
50	20.4	24.1	22.9	17.4	15.6	23.3	24.4	26.9	22.5	26.6	28.0	25.5	12.0	0.44	0.27	0.18	0.14		
55	23.6	27.6	26.8	20.3	18.0	25.1	26.3	29.0	24.8	27.5	30.1	27.1	14.4	0.41	0.21	0.14	0.11		
60	25.0	29.7	29.0	22.0	18.8	26.0	27.5	30.4	26.5	27.7	31.5	28.2	15.2	0.39	0.18	0.12	0.09		
65	25.8	31.5	31.0	23.5	19.6	27.0	28.6	32.0	28.3	27.1	32.2	29.2	15.4	0.39	0.16	0.12	0.09		
70	26.1	32.7	32.4	24.6	20.3	27.6	29.1	33.0	29.5	26.0	32.6	29.9	15.7	0.39	0.15	0.10	0.08		
75	26.5	33.8	33.5	25.4	21.1	27.8	29.4	33.3	30.3	24.8	32.8	30.4	16.0	0.41	0.15	0.11	0.08		
80	26.6	34.4	34.2	25.9	21.6	27.8	29.3	33.6	31.1	23.8	33.1	30.9	16.4	0.46	0.15	0.11	0.08		
85	27.1	35.0	34.5	26.4	22.0	27.7	29.1	33.6	32.0	23.0	33.3	31.2	16.7	0.54	0.15	0.11	0.08		
90	27.6	35.2	34.9	26.7	22.3	27.6	28.7	33.6	32.5	22.6	33.3	31.3	16.9	0.66	0.15	0.10	0.08		
95	27.8	34.9	35.1	27.0	22.4	27.5	28.2	33.3	32.5	22.4	33.0	30.8	16.9	0.82	0.16	0.12	0.09		
100	27.9	34.1	34.9	27.0	22.3	27.1	27.6	32.5	32.1	22.3	32.2	30.0	16.6	0.92	0.15	0.10	0.08		
105	28.0	32.9	34.4	26.8	22.1	26.4	26.8	31.4	31.1	22.0	30.7	28.7	16.0	1.10	0.15	0.12	0.08		
110	27.7	30.9	33.2	25.9	21.2	25.3	25.3	29.6	29.4	21.2	28.5	27.3	14.9	1.26	0.15	0.11	0.09		
115	26.9	28.7	31.6	24.7	19.8	23.7	23.6	27.7	27.6	20.4	25.9	25.3	13.7	1.45	0.14	0.10	0.08		
120	26.1	26.6	30.1	23.2	18.5	22.5	22.1	25.4	25.8	20.0	23.6	23.3	12.6	1.63	0.13	0.10	0.07		
125	24.9	24.5	28.1	21.4	17.0	20.9	20.5	22.9	23.7	18.8	21.2	20.9	11.7	1.74	0.13	0.09	0.07		
130	23.7	22.3	25.6	19.3	15.3	18.8	18.6	20.2	21.2	17.5	18.4	18.0	10.3	1.34	0.12	0.08	0.06		
135	21.2	20.1	22.3	15.4	11.9	14.0	16.3	17.6	18.4	14.5	14.2	11.3	6.96	0.25	0.11	0.08	0.07		
140	19.0	15.7	15.4	7.69	4.92	7.27	10.7	10.6	12.6	8.78	7.68	4.03	1.68	0.15	0.10	0.07	0.05		
145	12.9	8.33	6.66	1.14	0.57	1.49	4.09	3.53	4.72	2.76	2.45	0.42	0.31	0.13	0.09	0.06	0.06		
150	3.94	1.56	0.80	0.33	0.31	0.35	0.50	0.44	0.71	0.35	0.36	0.25	0.22	0.14	0.07	0.06	0.05		
155	0.38	0.29	0.27	0.21	0.22	0.22	0.27	0.23	0.24	0.20	0.20	0.16	0.14	0.09	0.07	0.05	0.05		
160	0.17	0.14	0.16	0.12	0.15	0.14	0.16	0.14	0.15	0.12	0.12	0.12	0.11	0.08	0.06	0.05	0.04		
165	0.11	0.10	0.10	0.10	0.09	0.08	0.10	0.09	0.10	0.11	0.10	0.07	0.08	0.06	0.06	0.05	0.05		
170	0.09	0.08	0.08	0.06	0.07	0.07	0.08	0.07	0.08	0.07	0.08	0.06	0.06	0.06	0.04	0.04	0.04		
175	0.05	0.04	0.05	0.06	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.05	0.04	0.04	0.04	0.04	0.04		
180	0.04	0.03	0.05	0.05	0.06	0.05	0.04	0.06	0.04	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-09-24

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: