

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

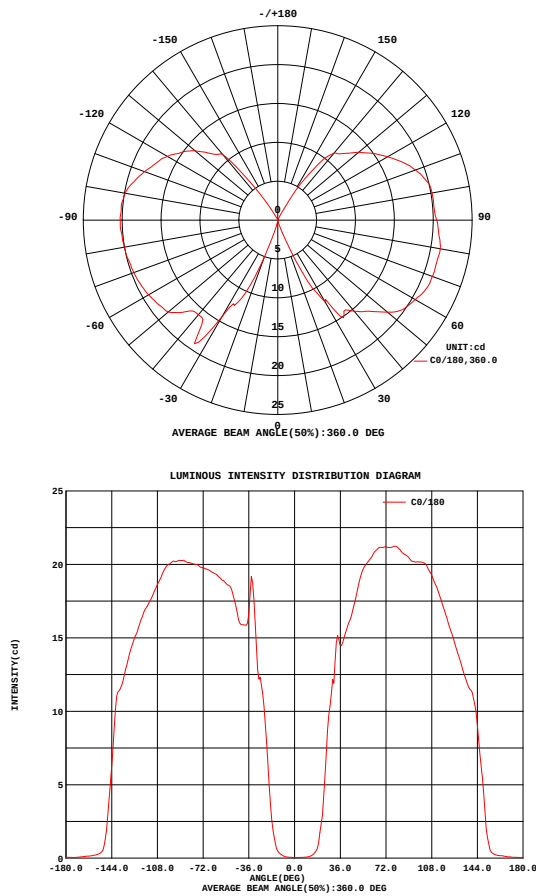


Fig. C0/C180

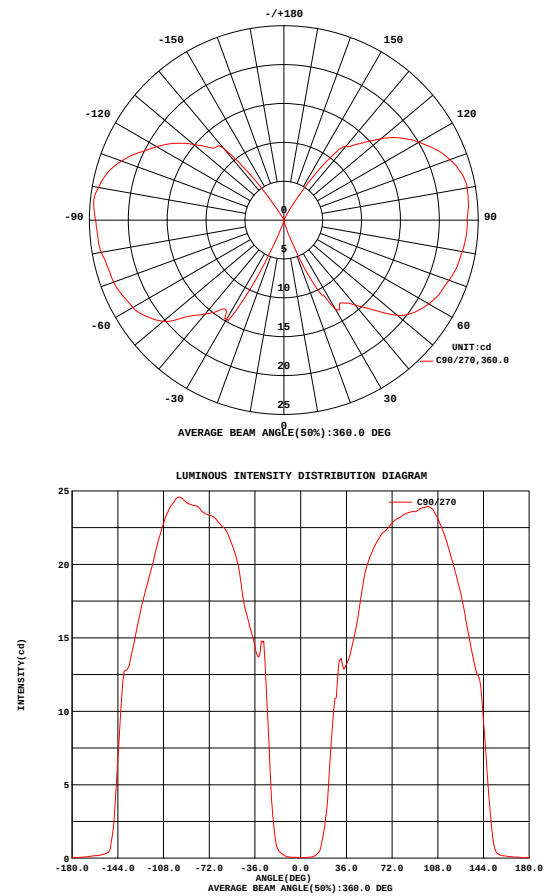


Fig. C90/C270

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-09-27

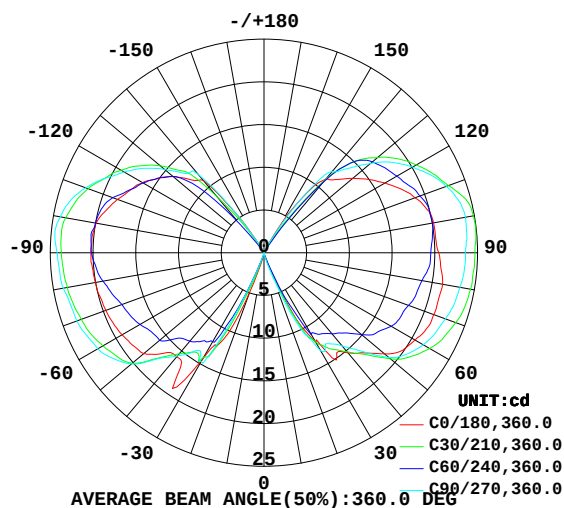
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 1.606m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

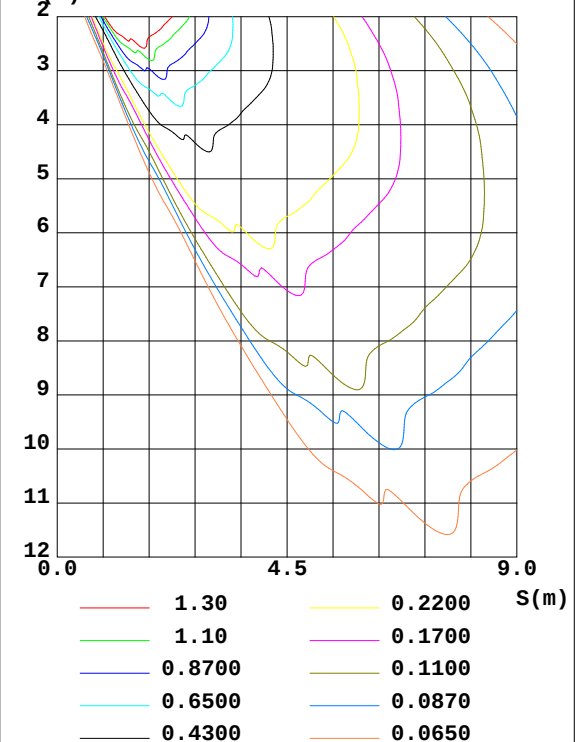
NAME: 120方形框架低杆(760MM)太阳能灯	TYPE: 6988802012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022092801
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 112.86 lm/W			
MODEL		I _{max} (cd)	25.15	S/MH(C0/180)	16.16
NOMINAL POWER(W)	1.66	LOR(%)	100.0	S/MH(C90/270)	17.57
RATED VOLTAGE(V)	3.5	TOTAL FLUX(lm)	187.34	η UP, DN(C0-180)	23.8, 26.6
NOMINAL FLUX(lm)	187.342	CIE CLASS	DIFFUSE	η UP, DN(C180-360)	22.4, 27.3
LAMPS INSIDE	1	η up(%)	46.1	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	3.5	η down(%)	53.9	CIBSE SHR MAX	1.05

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



C Range: 0 - 360DEG
 C Interval: 10.0DEG
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 Operators: DAMIN
 Test Date: 2022-09-27

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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 Remarks:

ZONAL FLUX DIAGRAM

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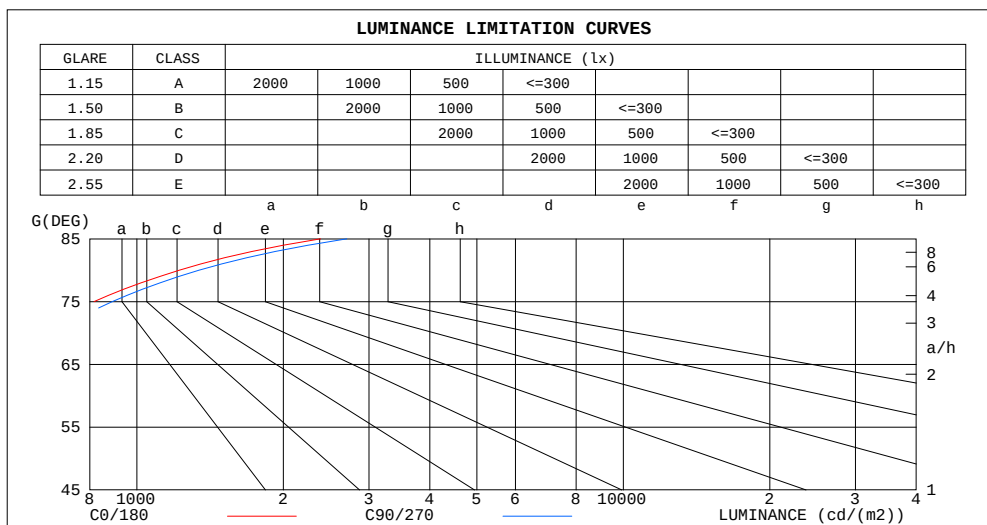
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	0.0837	0.0719	0.1127	0.0862	0.2240	0.0978	0.0936	0.0746	0- 10	0.0065	0.0065	0.00,0.00
20	1.732	0.4653	2.896	0.8714	4.990	1.318	1.337	0.3623	10- 20	0.1781	0.1846	0.10,0.10
30	12.16	6.058	13.25	6.727	14.35	8.921	14.69	6.506	20- 30	3.342	3.527	1.88,1.88
40	15.30	7.793	14.25	9.328	15.88	10.46	15.75	10.17	30- 40	7.950	11.48	6.13,6.13
50	18.43	9.511	19.08	12.59	18.38	12.79	20.24	12.93	40- 50	11.78	23.26	12.4,12.4
60	20.42	10.88	21.53	14.38	19.18	13.27	22.47	13.96	50- 60	16.06	39.32	21,21
70	21.16	11.61	22.59	15.41	19.71	13.60	23.30	14.86	60- 70	18.94	58.26	31.1,31.1
80	21.23	12.16	23.30	15.92	20.04	13.64	23.85	15.23	70- 80	20.80	79.06	42.2,42.2
90	20.45	12.46	23.58	16.51	20.26	13.73	24.21	15.11	80- 90	21.83	100.9	53.9,53.9
100	20.15	12.59	23.93	17.14	19.95	13.70	24.20	14.94	90-100	21.99	122.9	65.6,65.6
110	18.83	11.74	22.72	16.61	18.26	12.80	22.22	13.78	100-110	20.77	143.6	76.7,76.7
120	16.33	10.10	20.08	15.37	16.41	11.42	18.92	11.92	110-120	17.69	161.3	86.1,86.1
130	13.57	8.470	16.28	12.91	13.89	9.389	15.17	9.799	120-130	13.86	175.2	93.5,93.5
140	11.27	4.511	12.42	4.879	11.04	2.424	12.04	3.416	130-140	9.139	184.3	98.4,98.4
150	3.093	0.3189	2.443	0.2621	0.8429	0.2757	0.6284	0.2678	140-150	2.795	187.1	99.9,99.9
160	0.1935	0.1518	0.1611	0.1307	0.1614	0.1618	0.1822	0.1362	150-160	0.1688	187.3	100,100
170	0.0932	0.0695	0.0758	0.0577	0.0690	0.0640	0.0896	0.0681	160-170	0.0342	187.3	100,100
180	0.0460	0.0397	0.0498	0.0452	0.0483	0.0449	0.0509	0.0514	170-180	0.0053	187.3	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:2022-09-27

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: 120方形框架低杆(760MM)太阳能灯	TYPE: 6988802012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022092801
MFR.: EVERFINE	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	2384	2700
80	1222	1342
75	817	891
70	619	660
65	497	525
60	408	431
55	346	359
50	287	297
45	234	231

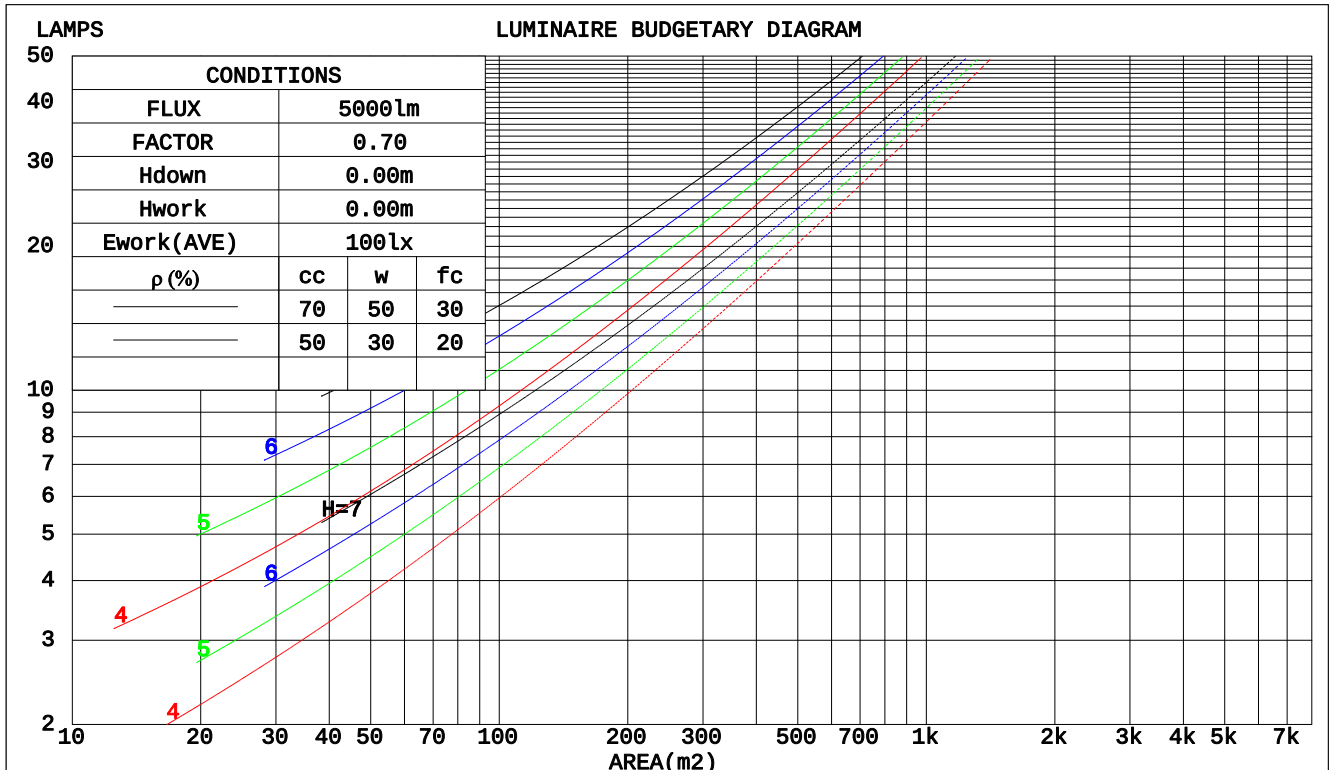
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Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: 120方形框架低杆(760MM)太阳能灯	TYPE:6988802012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2022092801
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	.85	.85	.85	.72	.72	.72	.60	.60	.60	.54
1.0	.86	.79	.74	.79	.73	.68	.66	.62	.58	.54	.51	.48	.43	.41	.38	.33
2.0	.71	.63	.55	.65	.58	.51	.54	.48	.43	.44	.39	.35	.34	.31	.28	.23
3.0	.61	.51	.43	.55	.47	.40	.46	.39	.33	.37	.31	.27	.28	.24	.21	.16
4.0	.52	.42	.35	.48	.39	.32	.39	.32	.26	.31	.26	.21	.24	.20	.16	.12
5.0	.46	.36	.28	.42	.33	.26	.34	.27	.22	.27	.22	.17	.21	.16	.13	.09
6.0	.40	.31	.24	.37	.28	.22	.30	.23	.18	.24	.19	.14	.19	.14	.10	.07
7.0	.36	.27	.20	.33	.24	.18	.27	.20	.15	.22	.16	.12	.17	.12	.09	.06
8.0	.32	.23	.17	.29	.21	.16	.24	.18	.13	.19	.14	.10	.15	.11	.07	.05
9.0	.29	.21	.15	.27	.19	.14	.22	.16	.11	.18	.12	.09	.14	.09	.06	.04
10.0	.26	.18	.13	.24	.17	.12	.20	.14	.10	.16	.11	.07	.12	.08	.05	.03



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 γ Interval: 1.0DEG
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity:65.0%
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Remarks:

WEC AND CCEC

NAME: 120方形框架低杆(760MM)太阳能灯	TYPE:6988802012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2022092801
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	.448	.255	.081	.426	.243	.077	.386	.222	.071	.349	.202	.065	.316	.183	.059		
2.0	.369	.202	.062	.349	.192	.059	.312	.174	.054	.279	.156	.049	.247	.140	.044		
3.0	.319	.170	.051	.301	.161	.048	.267	.145	.044	.236	.129	.040	.207	.115	.036		
4.0	.282	.146	.043	.265	.139	.041	.235	.124	.037	.206	.111	.033	.180	.098	.030		
5.0	.253	.129	.037	.238	.122	.036	.210	.109	.032	.183	.097	.029	.159	.085	.025		
6.0	.229	.115	.033	.216	.109	.031	.190	.097	.028	.165	.086	.025	.142	.075	.022		
7.0	.210	.104	.029	.197	.098	.028	.173	.088	.025	.151	.077	.022	.129	.067	.020		
8.0	.193	.094	.027	.182	.089	.025	.159	.080	.023	.138	.070	.020	.119	.061	.018		
9.0	.179	.087	.024	.168	.082	.023	.148	.073	.021	.128	.064	.018	.110	.056	.016		
10.0	.167	.080	.022	.157	.076	.021	.137	.067	.019	.119	.059	.017	.102	.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	.542	.542	.542	.463	.463	.463	.316	.316	.316	.182	.182	.182	.058	.058	.058	
1.0	.544	.509	.478	.466	.437	.411	.319	.301	.284	.183	.174	.165	.059	.056	.054	
2.0	.539	.488	.446	.462	.420	.385	.317	.291	.269	.183	.169	.157	.059	.055	.051	
3.0	.533	.473	.426	.457	.408	.370	.314	.284	.259	.181	.166	.153	.058	.054	.050	
4.0	.525	.462	.414	.451	.399	.360	.310	.278	.253	.179	.163	.150	.058	.053	.049	
5.0	.518	.453	.406	.445	.392	.353	.306	.274	.249	.177	.161	.148	.057	.052	.049	
6.0	.510	.446	.400	.439	.386	.348	.303	.270	.246	.176	.159	.146	.057	.052	.048	
7.0	.503	.440	.395	.433	.381	.345	.299	.267	.244	.174	.157	.145	.056	.052	.048	
8.0	.496	.435	.392	.427	.377	.342	.296	.265	.243	.172	.156	.145	.056	.051	.048	
9.0	.490	.430	.390	.422	.373	.340	.293	.262	.241	.170	.155	.144	.055	.051	.048	
10.0	.484	.426	.388	.417	.370	.338	.290	.260	.240	.169	.154	.143	.055	.051	.048	

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-09-27

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: 120方形框架低杆(760MM)太阳能灯					TYPE:6988802012					WEIGHT:				
SPEC.:					DIM.:					SERIAL No.:A2022092801				
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					12.7	13.9	13.5	14.7	15.8	12.5	13.6	13.3	14.5	15.6
3H					16.0	17.1	16.9	18.0	19.1	16.4	17.4	17.2	18.3	19.5
4H					17.8	18.9	18.7	19.8	20.9	18.4	19.4	19.3	20.3	21.5
6H					19.9	20.8	20.7	21.7	22.9	20.6	21.6	21.5	22.5	23.7
8H					21.0	21.9	21.9	22.9	24.0	21.8	22.8	22.7	23.7	24.9
12H					22.3	23.2	23.2	24.1	25.3	23.2	24.1	24.1	25.0	26.2
4H 2H					13.2	14.2	14.0	15.1	16.2	12.8	13.8	13.7	14.7	15.9
3H					17.1	18.0	18.0	18.9	20.1	16.9	17.8	17.8	18.7	19.9
4H					19.2	20.0	20.1	21.0	22.2	19.3	20.1	20.2	21.0	22.3
6H					21.4	22.1	22.3	23.1	24.3	21.8	22.6	22.8	23.5	24.8
8H					22.6	23.3	23.5	24.2	25.5	23.2	23.9	24.1	24.8	26.1
12H					23.9	24.6	24.9	25.5	26.8	24.7	25.3	25.7	26.3	27.6
8H 4H					19.6	20.3	20.6	21.3	22.5	19.6	20.2	20.5	21.2	22.5
6H					22.3	22.9	23.3	23.9	25.2	22.4	22.9	23.3	23.9	25.2
8H					23.8	24.4	24.8	25.4	26.7	24.0	24.5	25.0	25.5	26.8
12H					25.4	25.9	26.4	26.9	28.2	25.9	26.4	26.9	27.4	28.7
12H 4H					19.7	20.4	20.7	21.3	22.6	19.8	20.4	20.8	21.4	22.7
6H					22.5	23.0	23.4	24.0	25.3	22.5	23.0	23.5	24.0	25.3
8H					24.1	24.6	25.1	25.6	26.9	24.2	24.7	25.2	25.7	27.0
Variations with the observer position at spacings:														
S = 1.0H					+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H					+ 0.2 / - 0.2					+ 0.2 / - 0.3				
2.0H					+ 0.3 / - 0.3					+ 0.3 / - 0.5				

CIE Pub.117, 187.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -5.8)
Area: 0.1 m2

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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:1.606m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

NAME: 120方形框架低杆(760MM)太阳能灯	TYPE:6988802012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2022092801
MFR.: EVERFINE	SUR.:	Shielding Angle:

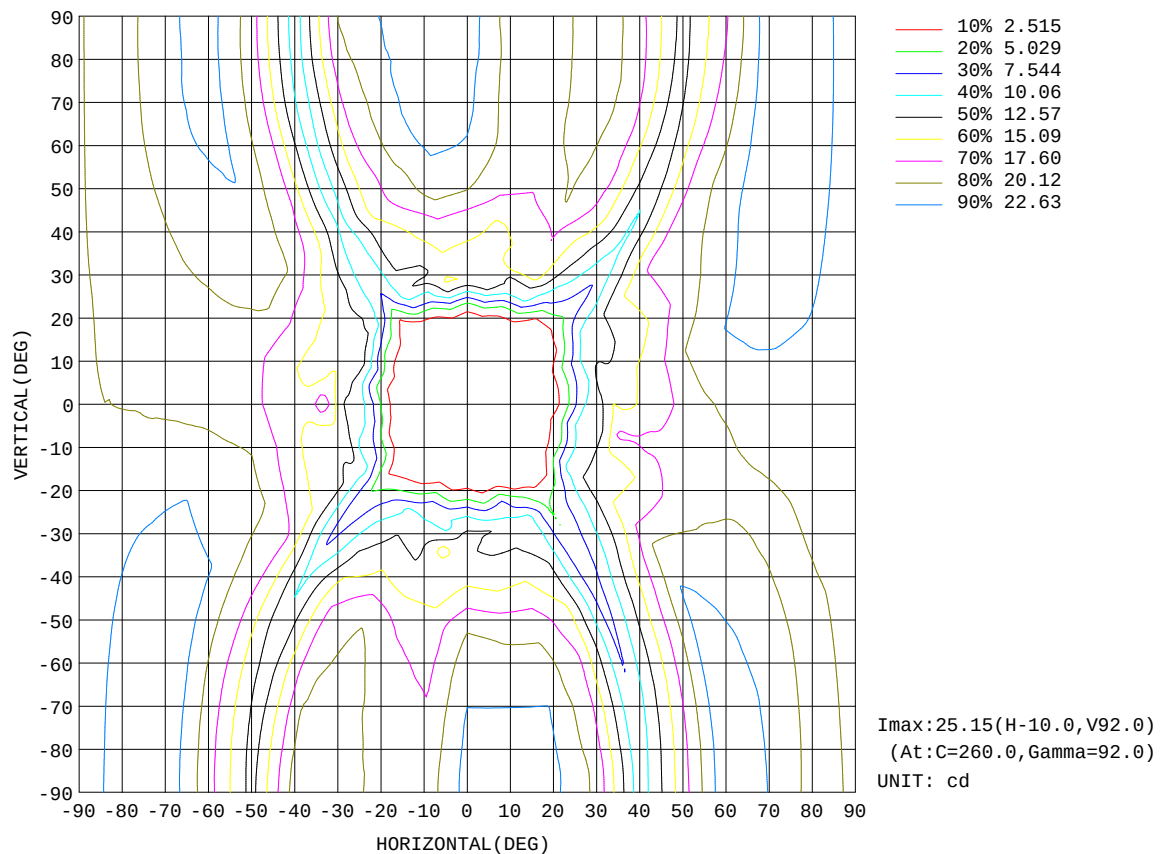
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) × RCR = 5									
k = 0.60	34	20	13	32	19	12	29	18	11	4
0.80	42	27	18	39	26	18	35	23	16	7
1.00	49	34	24	46	32	23	40	31	21	10
1.25	56	41	31	52	39	29	46	34	26	13
1.50	62	47	36	57	44	34	50	39	30	16
2.00	70	56	45	65	52	43	55	45	38	20
2.50	75	62	52	70	58	49	59	50	43	23
3.00	79	67	58	73	63	54	63	54	47	26
4.00	85	75	66	79	69	62	67	60	53	31
5.00	89	79	72	82	74	67	70	63	58	33
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNM = 1.25										

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Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity:65.0%
Test Distance:1.606m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME: 120方形框架低杆(760MM)太阳能灯	TYPE: 6988802012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022092801
MFR.: EVERFINE	SUR.:	Shielding Angle:

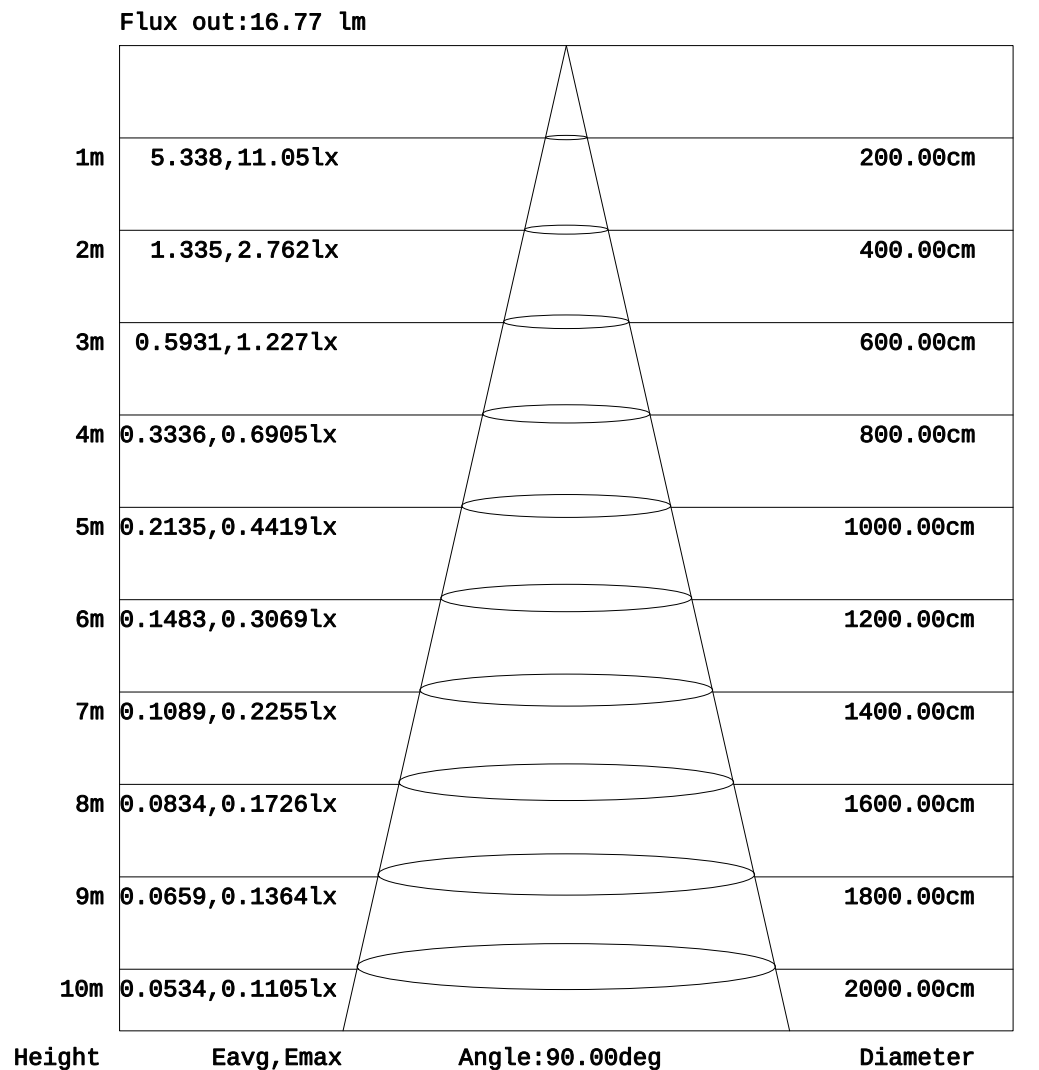


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AAI Figure

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SPEC.:	DIM.:	SERIAL No.: A2022092801
MFR.: EVERFINE	SUR.:	Shielding Angle:



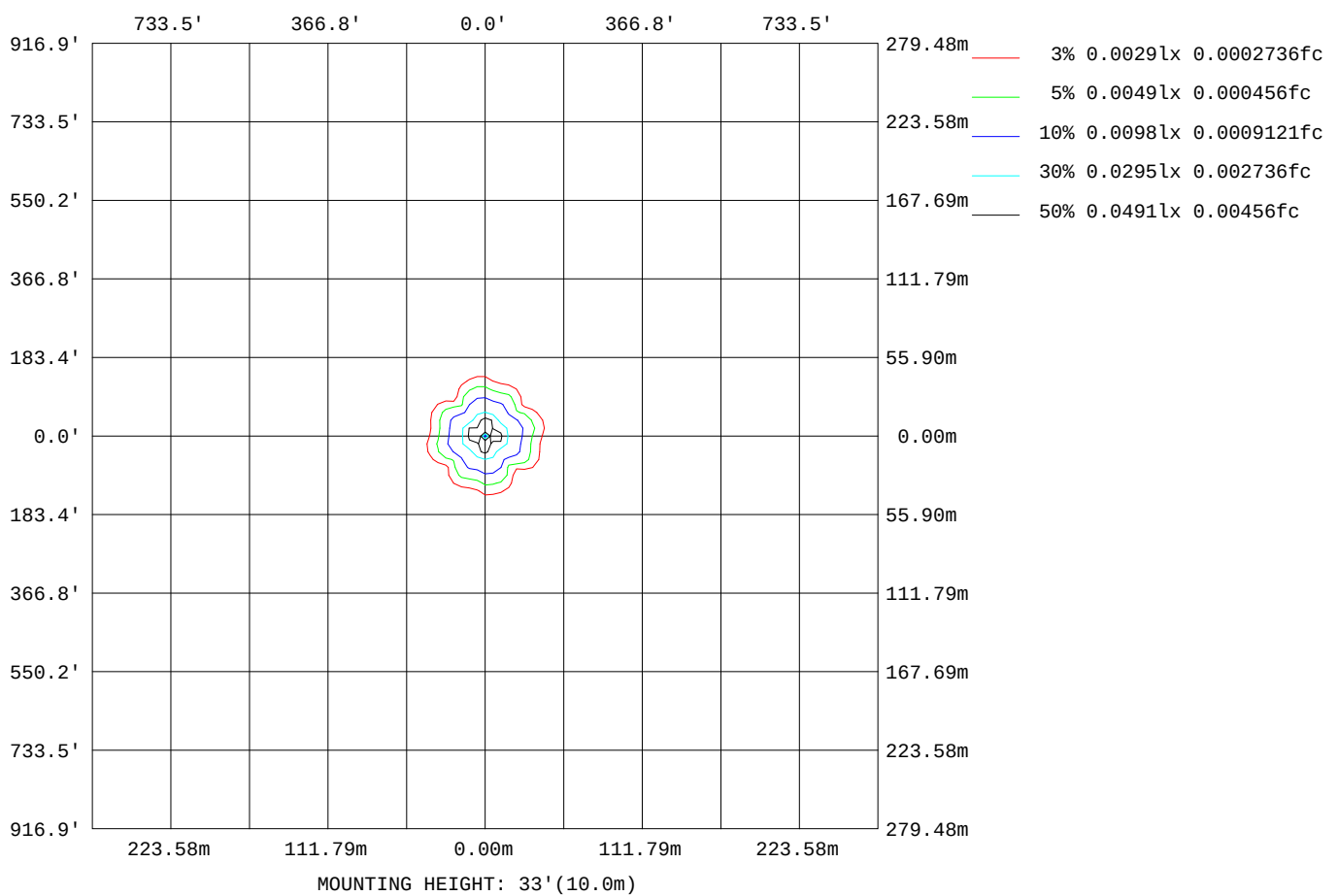
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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 Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
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ISOLUX DIAGRAM

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SPEC.:	DIM.:	SERIAL No.: A2022092801
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
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Test Date: 2022-09-27

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: 120方形框架低杆(760MM)太阳能灯	TYPE:6988802012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2022092801
MFR.: EVERFINE	SUR.:	Shielding Angle:

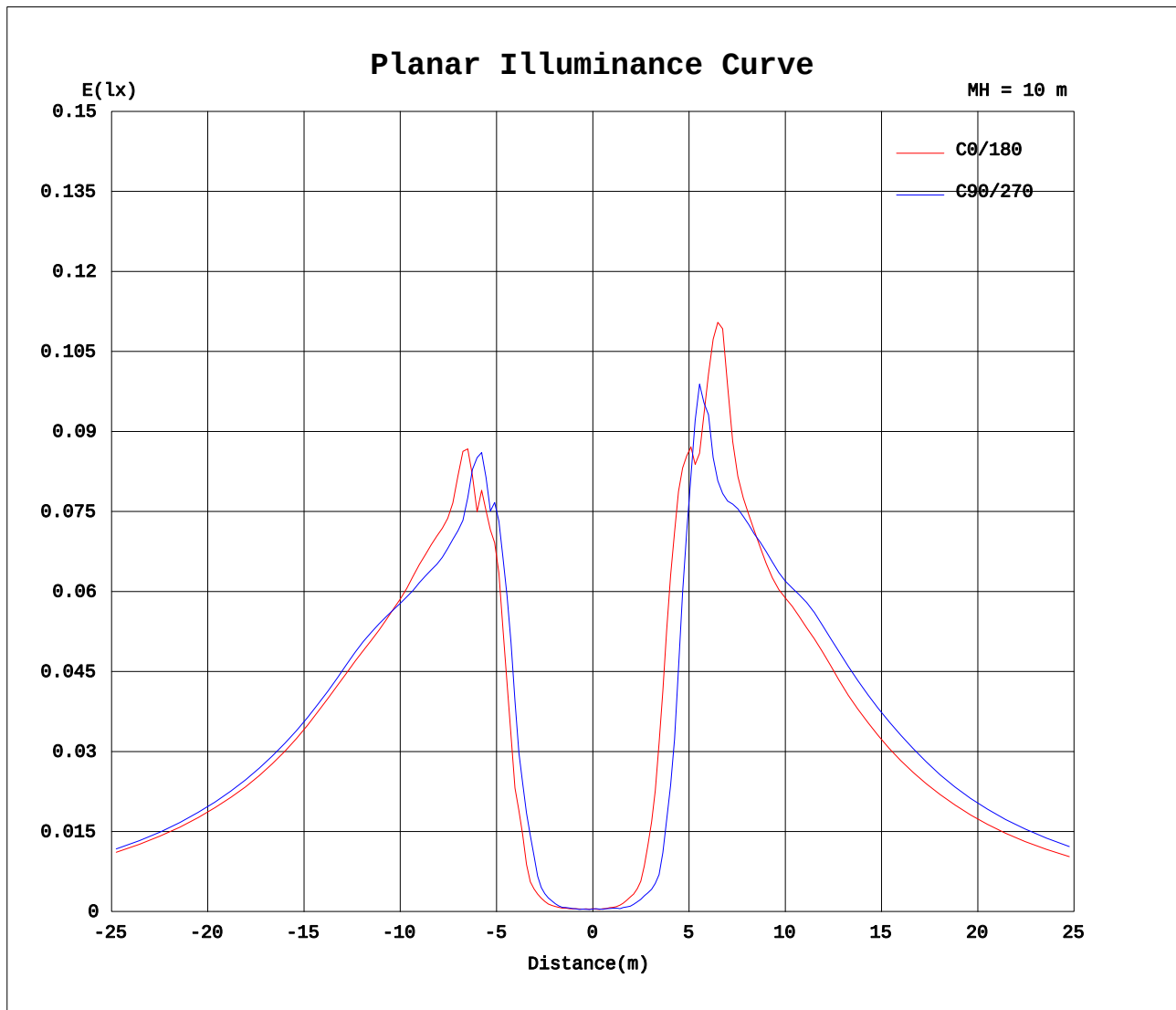
AvgL	cd/m2
L_0~180(65)av	479
L_0~180(75)av	792
L_0~180(85)av	2348
L_90~270(65)av	533
L_90~270(75)av	898
L_90~270(85)av	2728
L_45(65)av	300
L_45(75)av	512
L_45(85)av	1556

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-09-27

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: 2022-09-27

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: 120方形框架低杆(760MM)太阳能灯	TYPE:6988802012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2022092801
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	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.06	0.04	0.05	0.04	0.05	0.05	0.04	0.06
5	0.06	0.05	0.05	0.05	0.05	0.05	0.06	0.05	0.05	0.06	0.05	0.06	0.05	0.05	0.04	0.06	0.05	0.07	0.08
10	0.08	0.09	0.08	0.09	0.07	0.08	0.07	0.11	0.09	0.11	0.09	0.11	0.09	0.09	0.08	0.11	0.12	0.19	0.22
15	0.28	0.39	0.27	0.26	0.13	0.16	0.19	0.37	0.32	0.50	0.36	0.40	0.23	0.20	0.18	0.36	0.39	0.76	0.95
20	1.73	2.75	2.29	1.72	0.40	0.53	0.95	2.34	1.89	2.90	2.36	3.21	1.71	1.14	0.60	2.84	3.34	5.21	4.99
25	7.11	9.65	8.25	7.70	2.92	2.68	5.68	8.47	7.53	8.91	7.89	8.75	6.46	4.77	2.88	7.95	9.18	10.6	11.2
30	12.2	11.1	11.5	12.0	7.34	4.78	11.0	11.2	12.8	13.3	10.3	11.5	11.1	8.40	5.06	11.4	13.8	14.7	14.3
35	14.9	17.4	14.0	13.8	8.92	5.03	11.6	12.6	12.4	13.0	16.0	11.9	12.9	10.5	5.73	13.0	13.5	13.8	17.9
40	15.3	17.9	14.7	15.1	10.2	5.41	12.4	14.2	13.8	14.3	13.8	13.1	14.3	12.1	6.51	14.5	15.1	15.4	15.9
45	16.6	18.2	15.9	16.9	11.3	5.73	13.3	15.9	15.5	16.3	14.2	14.5	15.9	13.8	7.47	15.9	17.1	17.6	16.6
50	18.4	19.2	18.2	19.3	12.8	6.19	14.9	18.0	18.2	19.1	15.9	16.6	18.5	16.2	8.99	17.6	19.8	19.9	18.4
55	19.9	19.4	19.5	21.1	14.0	6.46	16.2	19.7	20.0	20.6	16.6	17.5	20.0	17.7	9.78	17.8	20.9	20.8	18.8
60	20.4	19.3	20.4	22.4	14.8	6.92	17.2	20.9	20.8	21.5	17.0	18.0	20.8	18.6	10.2	17.9	21.8	21.8	19.2
65	21.0	19.5	21.1	23.3	15.3	7.28	17.7	21.7	21.9	22.2	17.4	18.2	21.2	19.2	10.5	17.9	22.6	22.4	19.5
70	21.2	19.5	21.6	23.9	15.7	7.56	18.0	22.5	22.6	22.6	17.7	18.4	21.5	19.8	11.0	18.0	23.1	22.9	19.7
75	21.1	19.4	22.0	24.3	16.0	7.83	18.5	22.8	23.0	23.1	17.8	18.4	21.7	20.2	11.2	18.1	23.6	23.3	19.9
80	21.2	19.4	22.3	24.6	16.3	8.06	18.8	23.0	23.4	23.3	18.1	18.5	22.0	20.5	11.4	18.3	24.2	23.9	20.0
85	20.8	19.4	22.5	24.6	16.5	8.37	19.4	23.2	23.7	23.5	18.4	18.7	22.2	21.0	11.5	18.5	24.5	24.3	20.2
90	20.5	19.3	22.6	24.7	16.4	8.51	19.5	23.2	23.9	23.6	18.5	18.6	22.3	21.3	11.7	18.6	24.7	24.4	20.3
95	20.2	19.3	22.8	24.9	16.3	8.82	19.8	23.0	23.8	23.8	18.7	18.6	22.3	21.8	12.0	18.9	24.9	24.6	20.2
100	20.2	19.3	23.0	24.9	16.1	9.07	20.0	23.0	24.0	23.9	18.7	18.4	22.1	22.1	12.2	19.4	24.6	24.6	19.9
105	19.7	19.2	22.8	24.4	15.8	9.19	20.0	22.8	23.8	23.6	18.5	18.1	21.8	21.7	12.2	19.5	24.0	23.8	19.1
110	18.8	18.2	22.0	23.0	14.9	8.59	19.4	21.8	22.8	22.7	17.9	17.5	20.9	21.2	12.0	19.4	22.9	22.7	18.3
115	17.7	17.2	20.6	21.9	13.4	8.22	18.7	20.4	21.8	21.5	17.2	16.7	20.0	20.5	11.8	19.0	21.7	21.8	17.3
120	16.3	16.1	18.9	20.6	12.3	7.87	17.9	19.1	20.9	20.1	16.5	15.8	18.8	19.4	11.4	18.5	20.4	20.5	16.4
125	15.0	14.9	17.4	19.2	11.3	7.39	17.3	17.5	19.5	18.4	15.5	14.7	17.5	18.0	10.7	17.6	18.7	18.8	15.2
130	13.6	13.4	15.5	17.3	10.2	6.69	16.6	15.7	17.6	16.3	14.3	13.4	15.8	16.2	9.59	16.3	16.8	16.8	13.9
135	12.1	11.7	13.6	15.2	9.02	5.64	15.2	13.7	15.6	14.0	12.7	11.9	13.8	13.2	6.36	12.5	14.7	14.6	12.1
140	11.3	11.2	12.3	11.2	6.17	2.85	10.7	10.2	13.2	12.4	11.0	11.0	11.4	7.12	2.64	5.74	10.5	11.7	11.0
145	8.04	7.24	7.67	4.81	2.52	0.49	3.65	4.46	8.85	8.20	8.54	6.32	5.79	1.35	0.40	1.17	3.94	4.70	5.06
150	3.09	1.93	2.53	0.67	0.38	0.26	0.42	0.84	2.78	2.44	3.56	1.60	1.05	0.30	0.23	0.27	0.70	0.84	0.84
155	0.41	0.32	0.35	0.25	0.24	0.18	0.23	0.24	0.33	0.31	0.40	0.26	0.26	0.18	0.16	0.19	0.26	0.24	0.27
160	0.19	0.18	0.19	0.16	0.16	0.14	0.17	0.15	0.17	0.16	0.16	0.15	0.15	0.13	0.13	0.13	0.17	0.16	0.16
165	0.13	0.13	0.13	0.11	0.12	0.11	0.12	0.12	0.12	0.11	0.12	0.09	0.11	0.09	0.10	0.09	0.11	0.10	0.12
170	0.09	0.07	0.08	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.07	0.07	0.06	0.06	0.06	0.07	0.07	0.07
175	0.06	0.06	0.05	0.06	0.06	0.04	0.05	0.04	0.05	0.05	0.06	0.04	0.05	0.05	0.05	0.04	0.05	0.05	0.05
180	0.05	0.05	0.04	0.06	0.04	0.04	0.05	0.05	0.05	0.05	0.04	0.05	0.04	0.04	0.05	0.05	0.04	0.04	0.05

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-09-27

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: 120方形框架低杆(760MM)太阳能灯	TYPE:6988802012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2022092801
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	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.06	0.04	0.05	0.04	0.05	0.05	0.04		
5	0.05	0.07	0.06	0.07	0.05	0.05	0.05	0.05	0.06	0.05	0.06	0.05	0.05	0.05	0.04	0.04	0.06		
10	0.15	0.19	0.12	0.11	0.08	0.11	0.09	0.13	0.09	0.12	0.08	0.10	0.08	0.07	0.07	0.09	0.08		
15	0.57	0.67	0.41	0.36	0.20	0.26	0.25	0.39	0.33	0.39	0.24	0.26	0.15	0.15	0.13	0.23	0.23		
20	3.51	4.12	3.11	2.14	0.50	1.21	1.22	2.26	1.34	2.07	1.25	1.39	0.38	0.34	0.43	1.73	1.52		
25	10.5	11.8	9.70	6.56	2.48	7.10	7.43	10.2	8.03	9.44	6.85	6.69	2.24	2.02	3.53	6.96	6.48		
30	13.2	14.9	14.1	11.4	6.48	12.0	13.4	15.0	14.7	14.1	12.2	12.3	7.98	5.03	9.60	12.1	11.9		
35	14.1	14.5	14.2	11.9	7.67	12.6	13.0	14.9	14.0	13.7	16.5	16.9	10.7	6.54	11.9	12.1	13.2		
40	15.0	15.8	15.4	12.9	8.04	13.5	14.8	16.5	15.7	14.6	15.5	17.6	12.7	7.65	13.9	13.3	15.1		
45	16.3	17.9	17.4	14.4	8.49	14.1	16.5	18.5	17.5	16.0	16.0	18.2	14.2	8.79	15.7	14.9	16.9		
50	18.3	20.1	20.1	16.4	9.16	15.9	18.8	21.1	20.2	17.9	17.5	20.1	16.2	9.67	17.6	17.2	19.4		
55	18.6	20.9	21.1	17.2	8.78	16.1	19.6	21.9	21.6	18.7	17.9	20.4	17.3	9.79	18.4	18.6	21.2		
60	18.8	21.4	21.8	17.8	8.71	16.8	20.7	23.0	22.5	19.3	18.6	20.9	17.8	10.2	18.8	20.2	22.4		
65	18.8	21.8	22.4	18.3	8.81	17.3	21.4	23.9	22.9	19.4	18.8	21.4	18.1	10.6	18.9	21.3	23.4		
70	19.0	22.0	22.8	18.5	8.66	17.7	21.9	24.0	23.3	19.2	18.7	21.7	18.8	10.9	19.1	22.4	24.3		
75	18.9	22.1	23.1	18.5	8.53	18.4	22.1	24.4	23.4	19.1	18.5	21.8	19.1	11.2	18.5	23.0	24.7		
80	19.0	22.3	23.4	18.6	8.66	19.1	22.1	24.6	23.9	19.1	18.5	22.0	19.1	11.4	18.0	23.6	25.0		
85	19.1	22.2	23.6	18.7	8.67	19.7	22.5	24.8	24.0	19.0	18.4	22.1	18.9	11.5	17.7	23.9	24.9		
90	19.0	22.1	23.7	18.9	8.58	20.2	22.8	25.1	24.2	18.8	18.2	22.5	18.6	11.6	17.3	24.2	24.7		
95	18.9	22.1	23.8	19.1	8.65	20.3	22.9	25.0	24.6	18.6	18.3	22.6	18.6	11.9	17.4	24.5	24.9		
100	18.6	21.7	23.6	18.8	8.63	20.0	22.7	24.6	24.2	18.3	17.9	22.5	18.0	11.8	17.7	24.3	24.9		
105	18.1	21.0	22.9	18.2	8.59	19.7	21.9	23.8	23.5	17.5	17.3	21.9	17.3	11.6	18.0	23.7	24.4		
110	17.3	19.8	21.9	17.2	8.38	18.9	20.7	22.6	22.2	16.4	16.6	20.8	16.5	11.1	17.8	22.7	23.4		
115	16.3	18.4	20.6	16.4	8.03	17.4	19.1	20.9	20.6	15.2	15.3	19.4	15.0	10.5	17.3	21.4	22.0		
120	15.2	17.0	19.3	15.1	7.73	16.4	17.6	19.4	18.9	13.9	14.3	18.1	13.8	10.0	16.9	19.9	20.5		
125	14.1	15.3	17.7	13.7	7.28	15.2	15.7	17.6	17.2	12.9	13.2	16.5	12.5	9.42	16.3	18.6	18.9		
130	12.6	13.5	15.8	12.2	6.62	13.9	13.8	15.4	15.2	11.6	12.0	14.8	11.0	8.58	15.5	16.8	16.9		
135	11.2	11.6	13.6	8.87	4.77	10.9	11.5	13.2	13.1	10.2	10.7	12.3	9.27	6.17	13.7	15.0	15.0		
140	10.3	8.48	8.59	3.40	1.45	4.30	7.95	10.2	12.0	8.46	8.90	6.37	4.14	2.69	8.78	11.0	13.1		
145	5.84	3.65	2.99	0.46	0.39	0.56	2.35	2.99	5.16	3.34	3.66	1.06	0.47	0.50	2.99	4.54	7.49		
150	1.09	0.51	0.43	0.28	0.27	0.30	0.42	0.42	0.63	0.44	0.48	0.32	0.28	0.26	0.57	0.96	2.37		
155	0.28	0.23	0.24	0.19	0.20	0.20	0.24	0.23	0.27	0.24	0.24	0.21	0.19	0.18	0.26	0.26	0.36		
160	0.19	0.17	0.19	0.16	0.16	0.17	0.18	0.17	0.18	0.17	0.18	0.16	0.14	0.13	0.15	0.14	0.18		
165	0.12	0.12	0.13	0.12	0.11	0.10	0.11	0.11	0.13	0.14	0.14	0.12	0.12	0.11	0.12	0.12	0.13		
170	0.09	0.08	0.07	0.06	0.06	0.06	0.06	0.06	0.09	0.07	0.07	0.07	0.07	0.06	0.08	0.07	0.08		
175	0.06	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.04	0.05	0.05	0.05	0.05	0.05	0.04	0.05		
180	0.05	0.05	0.05	0.05	0.04	0.05	0.05	0.05	0.05	0.05	0.04	0.05	0.05	0.05	0.05	0.04	0.05		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-09-27

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: