

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

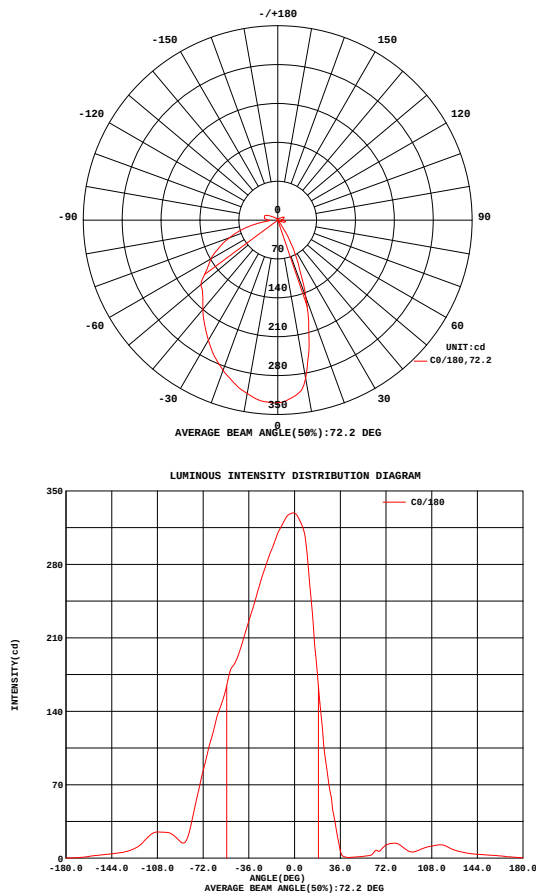


Fig. C0/C180

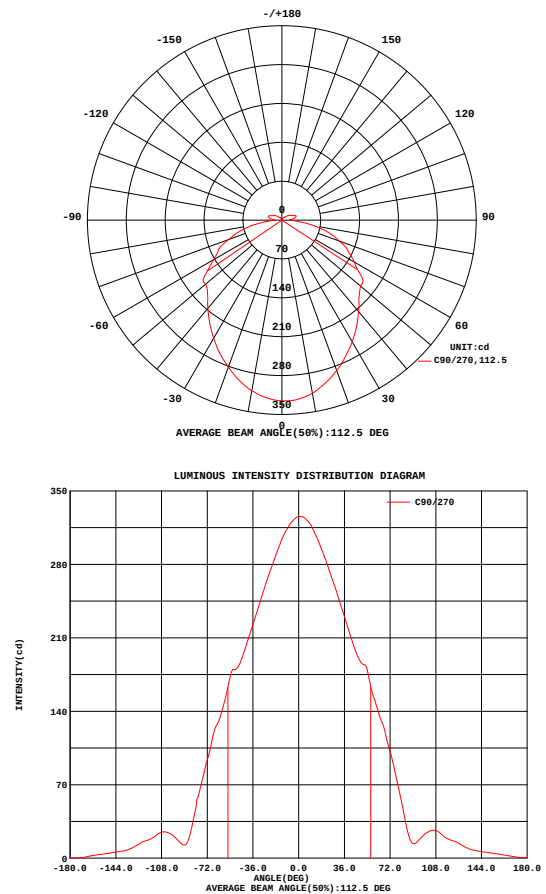


Fig. C90/C270

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-09-27

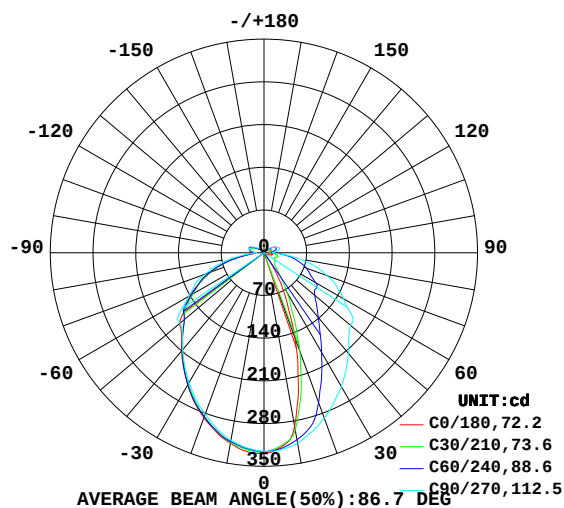
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity:65.0%
Test Distance:1.615m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

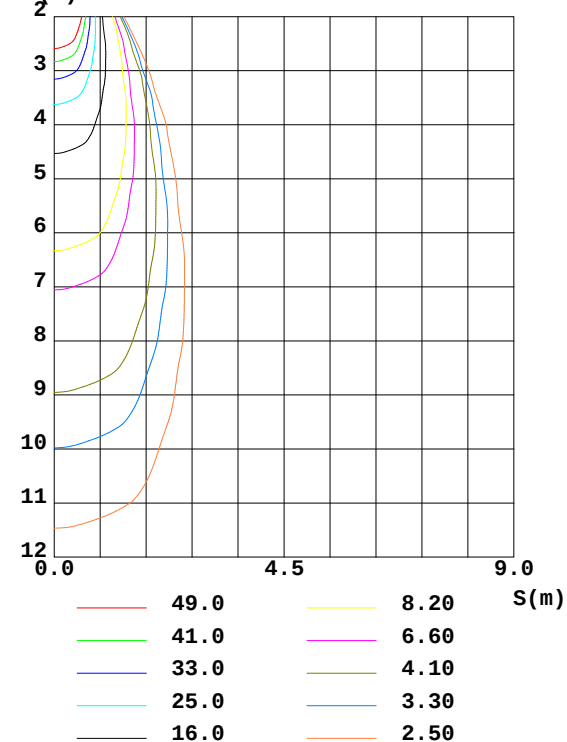
NAME: 正方140折叠LED感应太阳能灯	TYPE: 6943101012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: B2021092701
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 84.58 lm/W			
MODEL		I _{max} (cd)	329.0	S/MH(C0/180)	1.15
NOMINAL POWER(W)	9.24	LOR(%)	100.0	S/MH(C90/270)	1.14
RATED VOLTAGE(V)	4.2	TOTAL FLUX(lm)	781.50	η UP, DN(C0-180)	4.9, 44.4
NOMINAL FLUX(lm)	781.496	CIE CLASS	DIRECT	η UP, DN(C180-360)	4.9, 45.8
LAMPS INSIDE	1	η up(%)	9.8	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	4.2	η down(%)	90.2	CIBSE SHR MAX	1.05

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: 2021-09-27

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

ZONAL FLUX DIAGRAM

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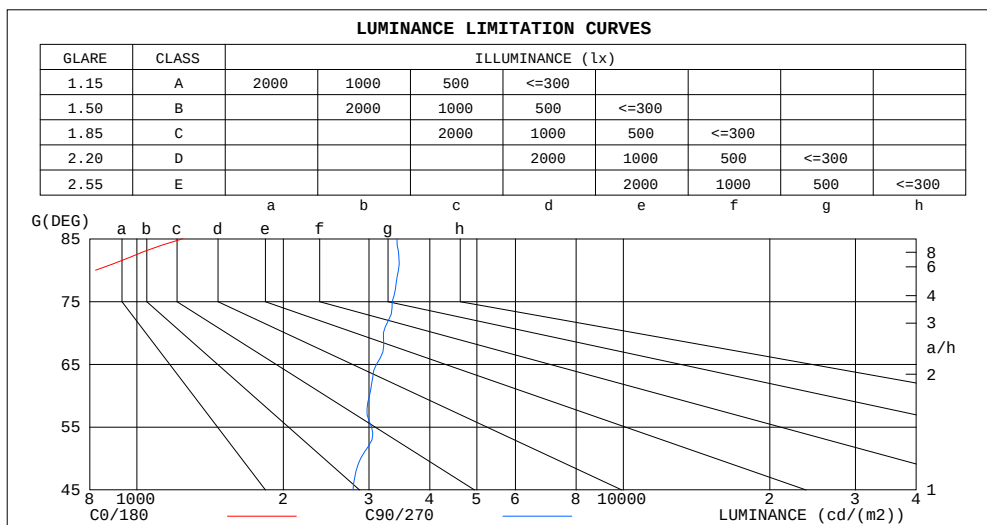
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	289.2	305.9	316.7	317.8	317.0	314.9	312.0	301.4	0- 10	30.31	30.31	3.88,3.88
20	148.0	213.6	288.5	290.8	288.0	286.1	281.5	214.7	10- 20	78.96	109.3	14,14
30	45.91	124.9	253.3	253.8	249.9	248.6	245.8	133.4	20- 30	102.1	211.4	27,27
40	1.110	79.70	214.9	213.8	209.8	207.1	207.5	85.66	30- 40	107.6	319.0	40.8,40.8
50	1.302	59.43	185.4	173.7	180.7	167.1	179.6	64.41	40- 50	106.4	425.4	54.4,54.4
60	2.790	50.83	150.4	143.8	139.0	136.9	142.0	58.25	50- 60	103.3	528.7	67.7,67.7
70	10.51	43.93	109.9	101.1	92.54	94.20	101.9	47.93	60- 70	88.40	617.1	79,79
80	14.28	32.59	59.87	49.28	40.27	41.79	56.74	31.30	70- 80	62.03	679.1	86.9,86.9
90	6.605	12.28	14.01	16.03	15.84	15.67	12.51	10.92	80- 90	25.48	704.6	90.2,90.2
100	8.711	14.40	23.49	22.52	24.53	22.59	22.47	14.96	90-100	17.06	721.7	92.3,92.3
110	11.98	16.33	25.18	21.39	24.62	20.23	23.72	16.31	100-110	20.86	742.5	95,95
120	11.07	13.01	17.20	15.11	14.29	14.19	16.69	12.97	110-120	16.75	759.3	97.2,97.2
130	6.334	10.08	11.31	10.67	7.268	10.08	10.51	9.681	120-130	10.50	769.8	98.5,98.5
140	4.112	7.272	7.159	7.643	4.732	6.997	6.564	6.800	130-140	6.069	775.8	99.3,99.3
150	3.194	4.995	5.224	5.231	3.359	4.545	4.606	4.546	140-150	3.391	779.2	99.7,99.7
160	2.385	3.071	3.412	2.994	1.988	2.313	2.925	2.598	150-160	1.675	780.9	99.9,99.9
170	1.238	1.228	1.388	1.022	0.5659	0.4992	0.7426	0.8216	160-170	0.5258	781.4	100,100
180	0.3356	0.3797	0.4210	0.4407	0.3339	0.3644	0.4067	0.4186	170-180	0.0611	781.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

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C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-09-27

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 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: 正方140折叠LED感应太阳能灯	TYPE: 6943101012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: B2021092701
MFR.: EVERFINE	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1241	3427
80	822	3448
75	538	3348
70	307	3213
65	176	3110
60	56	3008
55	33	3037
50	20	2884
45	12	2781

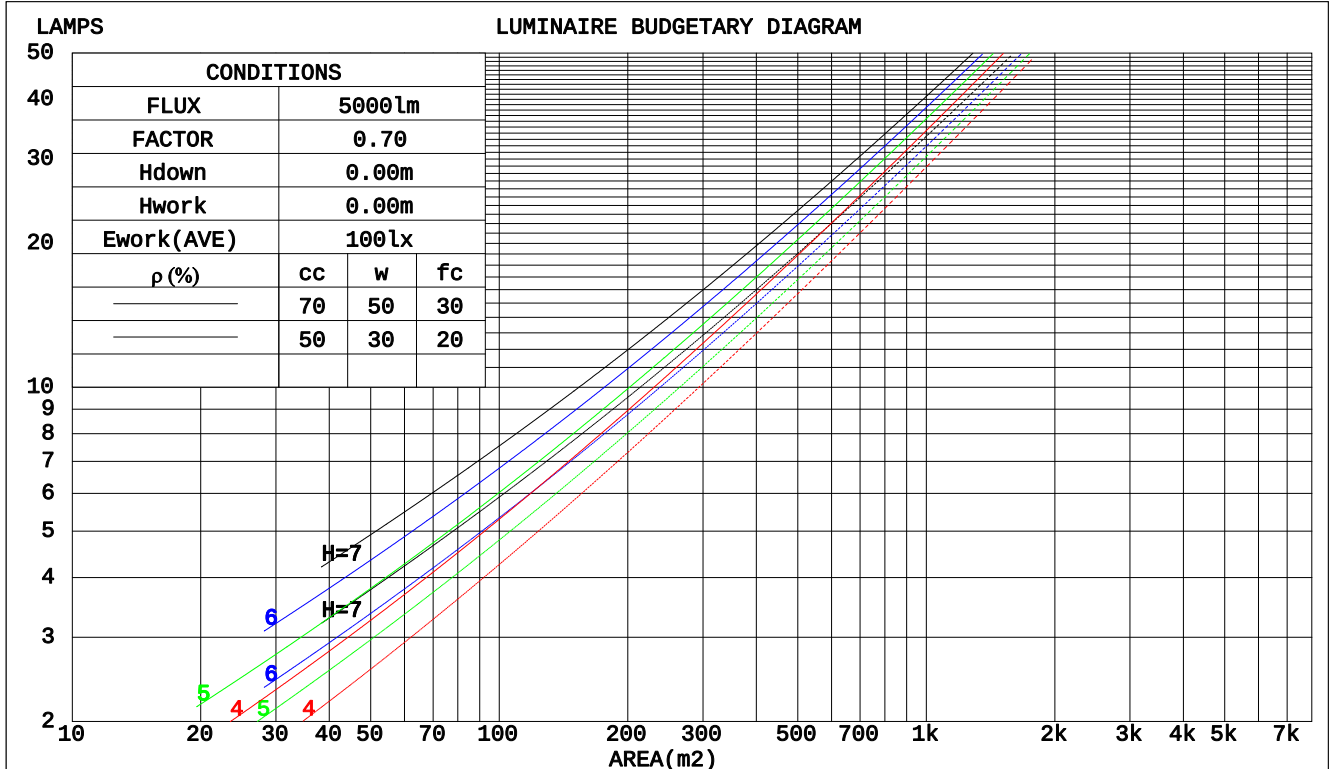
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 Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
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 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: 正方140折叠LED感应太阳能灯	TYPE:6943101012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:B2021092701
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	1.17	1.17	1.17	1.13	1.13	1.13	1.06	1.06	1.06	.99	.99	.99	.93	.93	.93	.90
1.0	1.01	.96	.92	.97	.93	.90	.91	.88	.85	.86	.83	.81	.81	.79	.77	.74
2.0	.88	.81	.75	.85	.78	.73	.80	.74	.70	.75	.71	.67	.71	.67	.64	.61
3.0	.77	.69	.62	.75	.67	.61	.70	.64	.59	.66	.61	.56	.62	.58	.54	.52
4.0	.68	.60	.53	.66	.58	.52	.63	.56	.50	.59	.53	.48	.56	.51	.47	.44
5.0	.61	.52	.46	.60	.51	.45	.56	.49	.44	.53	.47	.42	.50	.45	.41	.39
6.0	.55	.46	.40	.54	.46	.40	.51	.44	.38	.48	.42	.37	.46	.41	.36	.34
7.0	.50	.42	.36	.49	.41	.35	.47	.40	.34	.44	.38	.33	.42	.37	.33	.30
8.0	.46	.38	.32	.45	.37	.32	.43	.36	.31	.41	.35	.30	.39	.34	.29	.27
9.0	.42	.34	.29	.42	.34	.29	.40	.33	.28	.38	.32	.27	.36	.31	.27	.25
10.0	.39	.32	.26	.38	.31	.26	.37	.30	.26	.35	.29	.25	.34	.28	.25	.23



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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: 正方140折叠LED感应太阳能灯	TYPE:6943101012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:B2021092701
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	.325	.185	.058	.315	.179	.057	.296	.170	.054	.278	.161	.052	.262	.152	.049		
2.0	.296	.162	.050	.287	.158	.049	.271	.150	.047	.255	.143	.045	.241	.136	.043		
3.0	.270	.144	.043	.262	.140	.042	.247	.134	.041	.233	.128	.039	.220	.122	.038		
4.0	.247	.128	.038	.240	.125	.037	.226	.120	.036	.213	.115	.035	.202	.110	.033		
5.0	.227	.116	.033	.220	.113	.033	.208	.108	.032	.197	.104	.031	.186	.099	.030		
6.0	.210	.105	.030	.204	.103	.030	.193	.099	.029	.182	.095	.028	.172	.091	.027		
7.0	.194	.096	.027	.189	.094	.027	.179	.090	.026	.170	.087	.025	.161	.083	.025		
8.0	.181	.089	.025	.176	.087	.025	.167	.084	.024	.158	.080	.023	.150	.077	.022		
9.0	.170	.082	.023	.165	.080	.023	.157	.077	.022	.149	.075	.021	.141	.072	.021		
10.0	.159	.076	.021	.155	.075	.021	.147	.072	.020	.140	.070	.020	.133	.067	.019		

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	.265	.265	.265	.227	.227	.227	.155	.155	.155	.089	.089	.089	.028	.028	.028	
1.0	.257	.232	.209	.220	.199	.180	.150	.137	.124	.087	.079	.072	.028	.025	.023	
2.0	.249	.208	.174	.213	.179	.150	.146	.124	.105	.084	.072	.061	.027	.023	.020	
3.0	.241	.191	.151	.207	.165	.131	.142	.114	.092	.082	.067	.054	.026	.022	.018	
4.0	.233	.178	.135	.200	.154	.118	.138	.107	.083	.080	.063	.049	.026	.020	.016	
5.0	.226	.168	.125	.194	.145	.109	.133	.101	.077	.077	.059	.045	.025	.019	.015	
6.0	.218	.159	.117	.188	.138	.102	.129	.097	.072	.075	.057	.043	.024	.019	.014	
7.0	.211	.153	.111	.182	.132	.097	.126	.093	.069	.073	.055	.041	.024	.018	.014	
8.0	.205	.147	.107	.176	.127	.093	.122	.089	.066	.071	.053	.039	.023	.017	.013	
9.0	.199	.142	.104	.171	.123	.090	.119	.087	.064	.069	.051	.038	.022	.017	.013	
10.0	.193	.138	.101	.166	.120	.088	.115	.084	.063	.067	.050	.037	.022	.016	.012	

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-09-27

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

UGR(Unified Glare Rating) Table

NAME: 正方140折叠LED感应太阳能灯					TYPE:6943101012					WEIGHT:				
SPEC.:					DIM.:					SERIAL No.:B2021092701				
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	3.0	4.4	3.4	4.7	5.1	16.6	18.0	17.0	18.4	18.8				
3H	4.9	6.2	5.3	6.6	7.0	19.1	20.3	19.5	20.7	21.2				
4H	6.9	8.1	7.4	8.6	9.0	20.2	21.4	20.7	21.8	22.3				
6H	9.0	10.1	9.5	10.6	11.0	21.2	22.3	21.6	22.7	23.2				
8H	9.9	11.0	10.4	11.5	12.0	21.6	22.7	22.0	23.1	23.6				
12H	10.8	11.8	11.2	12.3	12.8	21.8	22.9	22.3	23.4	23.9				
4H 2H	8.3	9.5	8.8	9.9	10.4	16.6	17.8	17.0	18.2	18.6				
3H	9.5	10.6	10.0	11.1	11.6	19.3	20.4	19.8	20.8	21.3				
4H	10.7	11.7	11.2	12.2	12.7	20.7	21.6	21.2	22.1	22.7				
6H	12.1	13.0	12.6	13.5	14.0	21.9	22.8	22.4	23.3	23.8				
8H	12.8	13.6	13.4	14.1	14.7	22.5	23.3	23.0	23.8	24.4				
12H	13.5	14.2	14.0	14.8	15.4	22.9	23.6	23.5	24.2	24.8				
8H 4H	13.2	14.0	13.8	14.5	15.1	20.7	21.5	21.3	22.0	22.6				
6H	14.5	15.2	15.1	15.7	16.4	22.2	22.8	22.7	23.4	24.0				
8H	15.2	15.8	15.8	16.3	17.0	22.9	23.5	23.5	24.0	24.7				
12H	15.8	16.3	16.4	16.9	17.6	23.5	24.0	24.1	24.6	25.3				
12H 4H	13.8	14.6	14.4	15.1	15.7	20.7	21.4	21.3	22.0	22.6				
6H	15.3	15.9	15.9	16.4	17.1	22.2	22.8	22.8	23.3	24.0				
8H	16.0	16.5	16.6	17.1	17.8	22.9	23.4	23.5	24.0	24.7				
Variations with the observer position at spacings:														
S = 1.0H	+ 0.2 / - 0.2					+ 0.0 / - 0.1								
1.5H	+ 0.1 / - 0.1					+ 0.1 / - 0.1								
2.0H	+ 0.2 / - 0.2					+ 0.3 / - 0.3								

CIE Pub.117, 781.5 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.9)
Area: 0.1 m2

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Operators:DAMIN
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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: 正方140折叠LED感应太阳能灯	TYPE:6943101012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:B2021092701
MFR.: EVERFINE	SUR.:	Shielding Angle:

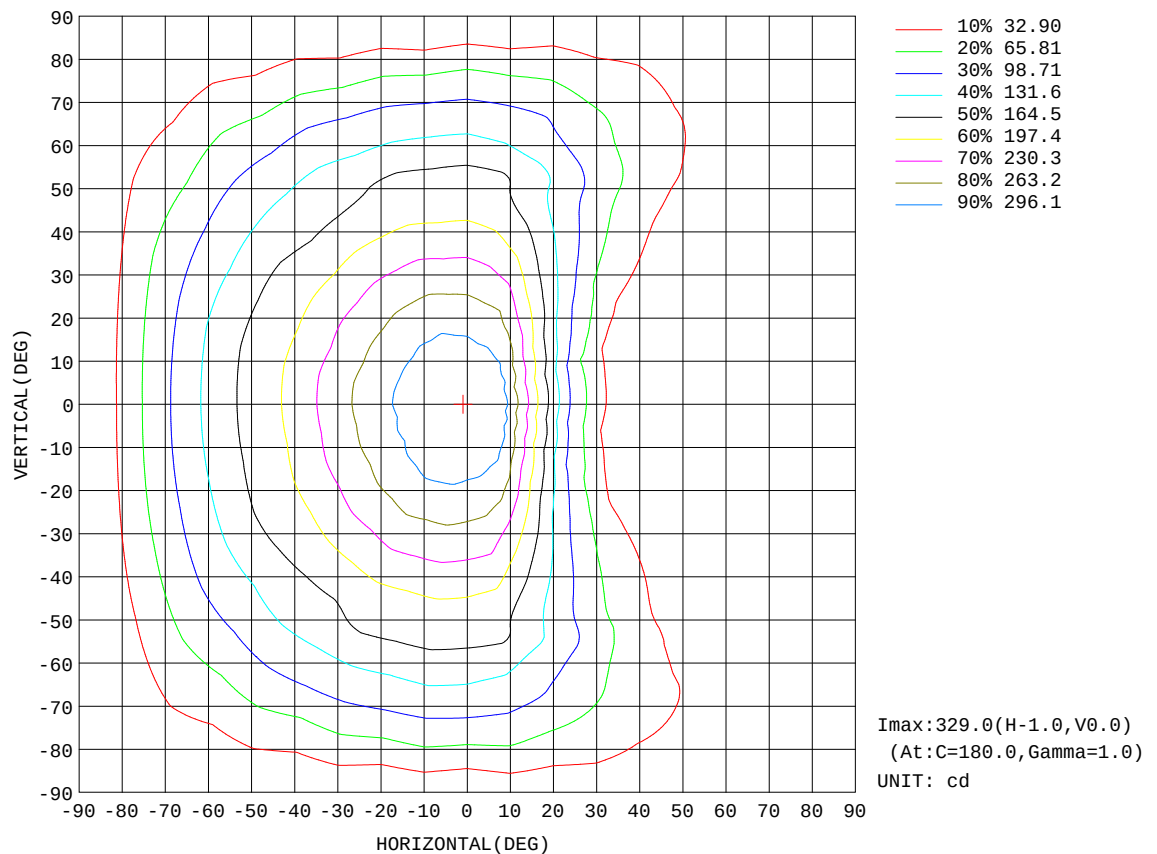
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	55	44	37	54	43	37	53	43	36	30
0.80	65	53	45	63	52	45	61	51	45	37
1.00	72	61	53	71	60	53	68	61	52	44
1.25	79	68	61	77	67	60	74	65	59	50
1.50	84	73	66	82	72	65	78	70	64	55
2.00	91	81	74	88	80	73	84	77	71	61
2.50	95	86	80	92	84	78	87	81	76	65
3.00	98	91	85	95	88	83	90	84	80	69
4.00	102	96	91	99	94	89	93	89	85	73
5.00	105	100	95	102	97	93	96	92	88	76
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:1.615m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

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SPEC.:	DIM.:	SERIAL No.: B2021092701
MFR.: EVERFINE	SUR.:	Shielding Angle:

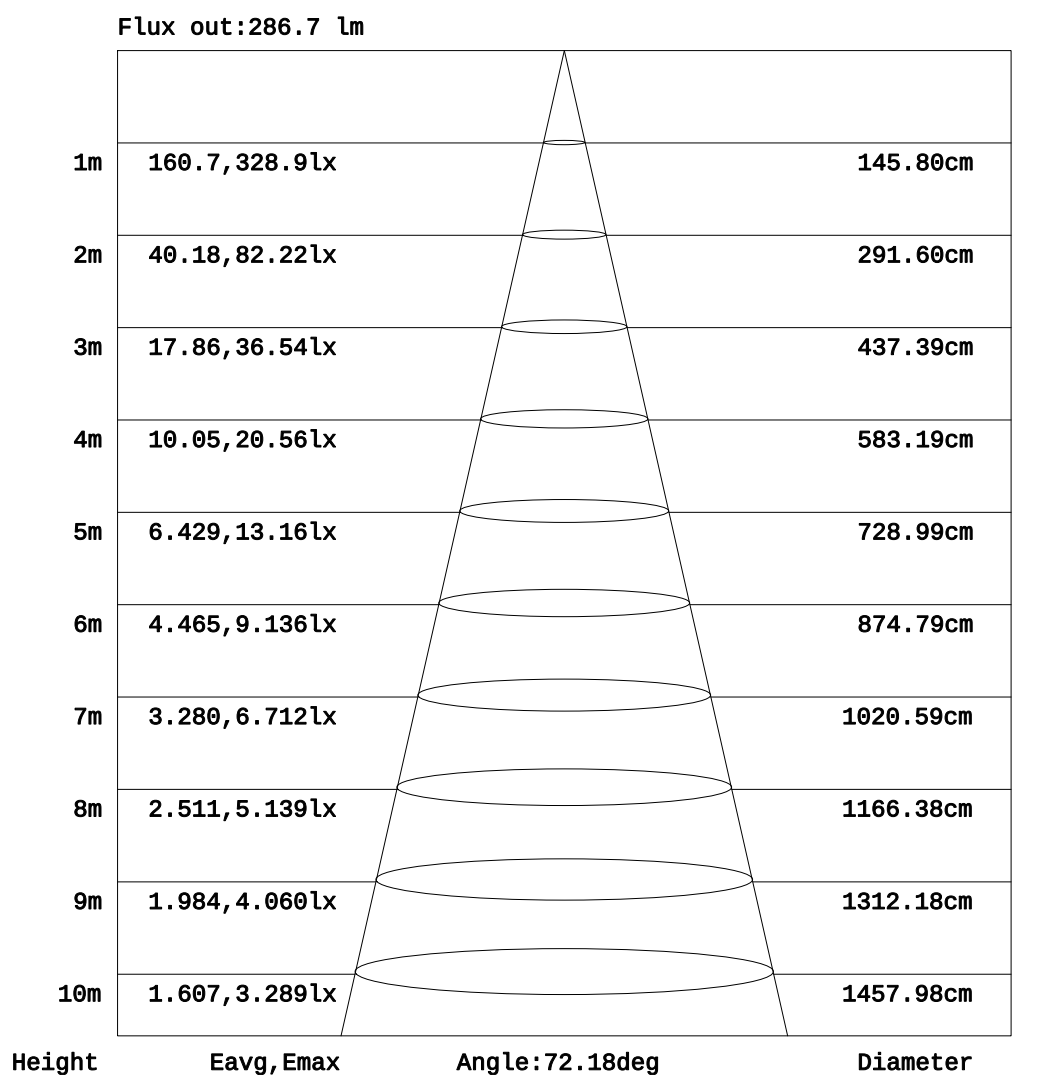


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AAI Figure

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MFR.: EVERFINE	SUR.:	Shielding Angle:



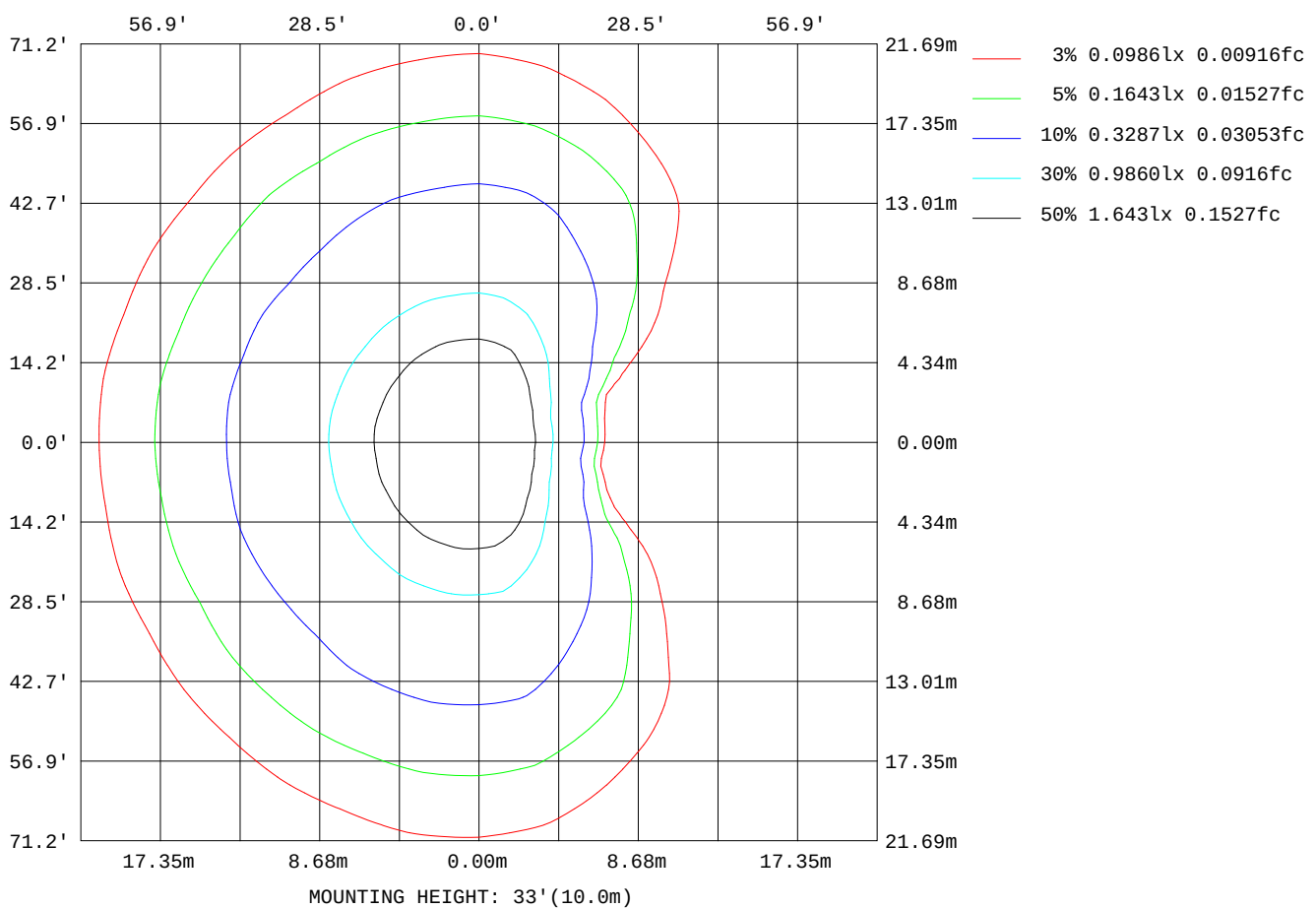
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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ISOLUX DIAGRAM

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 Remarks:

LED Avg.L Report

NAME: 正方140折叠LED感应太阳能灯	TYPE: 6943101012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: B2021092701
MFR.: EVERFINE	SUR.:	Shielding Angle:

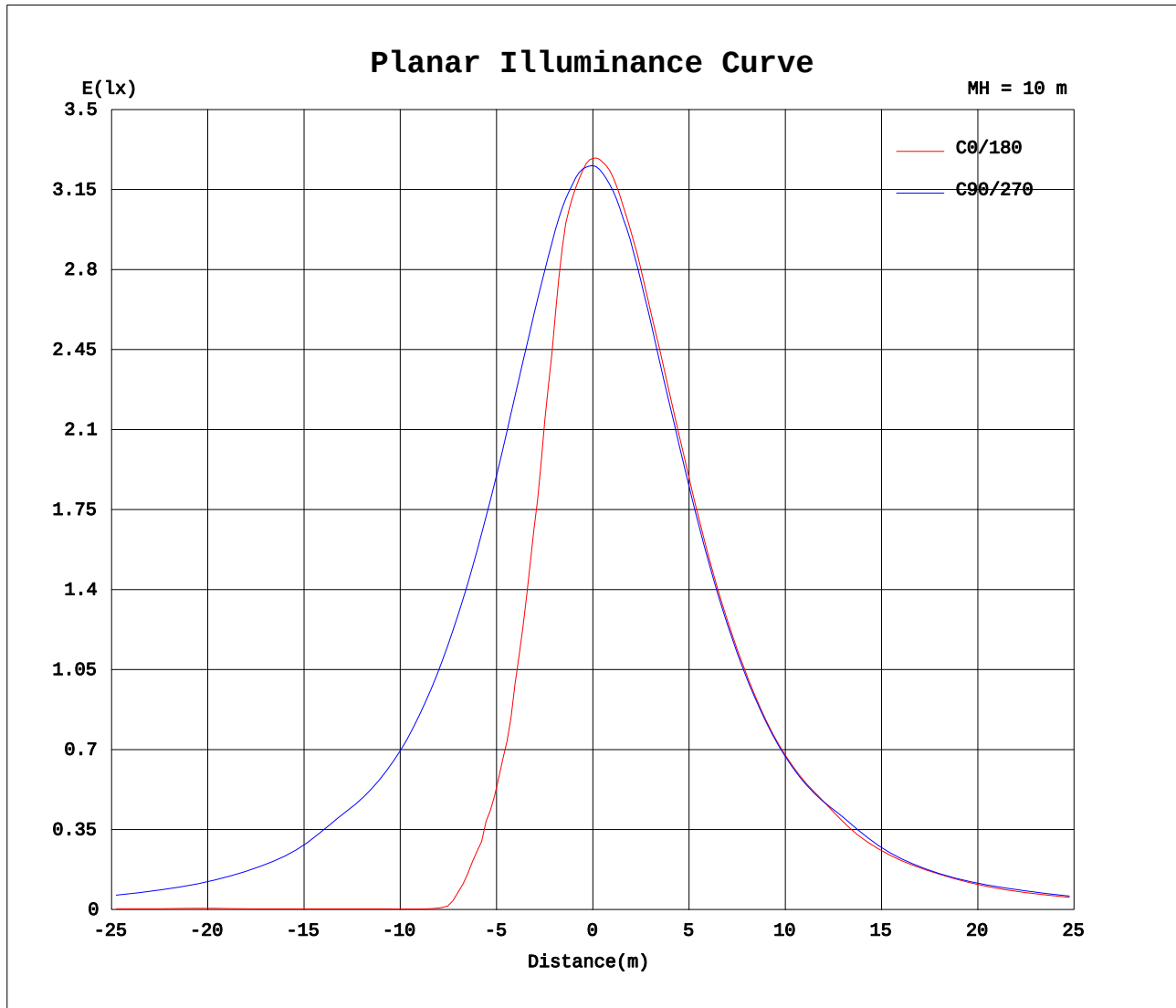
AvgL	cd/m2
L_0~180(65)av	1461
L_0~180(75)av	1573
L_0~180(85)av	1605
L_90~270(65)av	3044
L_90~270(75)av	3195
L_90~270(85)av	3137
L_45(65)av	1980
L_45(75)av	2179
L_45(85)av	2431

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2021-09-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
 Humidity: 65.0%
 Test Distance: 1.615m [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: 2021-09-27

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

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: 正方140折叠LED感应太阳能灯	TYPE:6943101012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:B2021092701
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--1

UNIT: cd

γ (DEG) \ C (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	329	328	327	326	326	326	326	325	325	325	325	325	325	325	325	325	325	325	329
5	320	318	319	318	320	320	322	322	324	324	325	325	325	325	325	325	325	324	327
10	289	283	296	295	305	307	311	312	316	317	319	318	319	318	318	316	316	314	317
15	218	213	229	236	257	276	295	297	303	304	307	308	309	306	306	302	303	300	304
20	148	145	160	172	201	226	261	280	286	288	293	293	295	292	290	287	287	285	288
25	88.9	86.4	97.7	114	149	182	224	255	268	271	275	276	278	273	272	268	268	267	270
30	45.9	42.5	59.2	76.4	107	143	189	226	249	253	258	257	259	255	253	249	251	248	250
35	13.8	9.50	26.4	48.3	81.9	114	160	199	230	234	239	238	240	235	234	230	230	228	230
40	1.11	1.17	9.03	29.0	63.0	96.4	139	177	211	215	219	218	220	214	214	209	210	207	210
45	0.87	1.29	8.12	25.3	50.8	83.3	122	158	190	197	199	197	199	194	193	190	191	189	191
50	1.30	1.83	8.03	23.1	44.8	74.0	109	144	175	185	187	184	180	174	174	172	176	177	181
55	1.88	2.59	8.04	20.8	39.8	67.3	103	138	169	174	178	173	171	159	157	158	159	155	156
60	2.79	4.98	8.47	18.8	35.0	66.6	97.7	120	143	150	153	149	149	145	142	136	138	137	139
65	7.42	10.4	14.1	20.4	34.9	58.5	83.5	105	125	131	133	129	128	123	121	117	118	115	116
70	10.5	14.2	14.8	21.8	34.2	53.7	74.2	91.5	107	110	113	108	107	102	100	95.1	96.1	92.5	92.5
75	13.9	17.2	18.7	24.2	34.7	46.4	61.1	72.6	86.0	86.7	88.4	82.8	82.5	77.1	76.1	69.1	71.9	68.1	67.5
80	14.3	15.7	17.7	21.5	29.1	36.0	46.7	52.3	62.7	59.9	63.9	55.5	57.3	48.2	50.4	43.7	47.9	41.3	40.3
85	10.8	11.1	14.0	14.9	20.5	22.7	29.8	29.2	36.6	29.9	35.2	27.2	30.7	23.4	25.8	20.5	23.2	18.2	17.2
90	6.61	7.12	8.82	9.39	12.1	12.5	14.8	14.0	15.5	14.0	15.6	15.5	16.3	16.2	15.9	16.0	15.4	15.7	15.8
95	6.34	6.96	7.47	9.12	10.4	12.2	12.8	14.9	14.8	17.7	17.0	19.1	18.6	19.7	18.9	20.5	19.9	20.9	21.6
100	8.71	9.10	9.41	11.7	13.1	15.7	16.7	19.3	20.2	23.5	22.4	23.1	22.9	23.0	22.1	23.1	23.0	23.0	24.5
105	10.8	10.8	11.1	13.2	15.1	17.8	20.0	21.9	22.9	26.5	24.5	24.0	25.1	23.7	22.0	22.6	22.1	22.0	24.8
110	12.0	11.4	11.3	13.2	14.9	17.7	21.7	22.2	21.8	25.2	22.5	22.8	26.2	22.9	19.9	20.2	18.9	19.8	24.6
115	12.8	11.1	10.5	12.1	13.6	16.4	22.1	20.5	18.3	20.1	18.7	19.6	24.9	20.3	16.8	16.4	15.6	16.5	20.6
120	11.1	9.35	9.53	11.0	12.0	14.0	18.6	16.0	15.6	17.2	16.3	15.2	19.0	15.9	14.4	14.5	13.9	12.9	14.3
125	8.16	7.59	9.10	10.4	11.2	11.5	13.5	12.1	13.6	14.8	14.4	12.3	13.4	12.3	12.8	13.1	12.7	10.5	9.81
130	6.33	6.36	8.38	9.39	10.3	9.83	10.2	9.79	11.5	11.3	11.7	10.4	10.2	10.1	11.3	10.7	10.4	8.31	7.27
135	5.07	5.29	7.05	7.69	8.72	8.37	8.27	8.38	9.15	8.49	8.81	8.58	8.43	8.71	9.45	8.58	8.03	6.46	5.62
140	4.11	4.31	5.57	6.23	7.26	7.28	7.32	7.34	7.58	7.16	7.31	7.28	7.49	7.40	7.89	7.02	6.48	5.21	4.73
145	3.61	3.61	4.49	5.12	6.05	6.06	6.34	6.16	6.36	6.05	6.15	5.90	6.25	6.20	6.45	5.72	5.26	4.35	4.00
150	3.19	3.13	3.78	4.22	4.95	5.04	5.39	5.25	5.34	5.22	5.28	4.94	5.27	5.16	5.31	4.66	4.32	3.64	3.36
155	2.78	2.73	3.17	3.41	4.04	4.17	4.48	4.39	4.51	4.38	4.44	4.13	4.34	4.10	4.25	3.66	3.48	2.96	2.74
160	2.38	2.28	2.55	2.66	3.14	3.01	3.45	3.37	3.60	3.41	3.54	3.15	3.29	2.93	3.05	2.62	2.59	2.27	1.99
165	1.85	1.71	1.86	1.85	2.20	2.08	2.45	2.26	2.52	2.37	2.51	2.19	2.16	1.87	1.96	1.63	1.69	1.52	1.20
170	1.24	1.15	1.20	1.13	1.30	1.16	1.38	1.32	1.50	1.39	1.50	1.31	1.32	1.03	1.02	0.87	0.92	0.87	0.57
175	0.73	0.67	0.69	0.67	0.71	0.62	0.63	0.61	0.68	0.63	0.69	0.63	0.64	0.61	0.60	0.58	0.61	0.60	0.28
180	0.34	0.33	0.35	0.35	0.38	0.38	0.41	0.41	0.42	0.42	0.44	0.43	0.44	0.43	0.45	0.43	0.44	0.42	0.33

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-09-27

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

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: 正方140折叠LED感应太阳能灯	TYPE:6943101012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:B2021092701
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	328	327	326	326	326	326	325	325	325	325	325	325	325	325	325	325	325		
5	326	324	324	323	323	322	322	321	321	319	319	318	318	316	317	315	317		
10	317	314	316	315	315	314	315	313	312	308	308	305	304	299	298	286	287		
15	304	302	302	301	304	302	302	299	298	294	293	288	278	250	240	220	220		
20	287	285	286	284	288	286	287	282	282	277	274	256	232	197	180	153	150		
25	270	266	267	267	270	269	270	266	265	259	254	221	190	150	125	95.0	90.5		
30	251	247	248	247	250	250	251	247	246	239	227	189	154	113	84.3	54.7	50.7		
35	230	227	228	227	230	229	231	227	227	220	202	164	126	86.9	57.4	24.4	16.0		
40	210	207	207	206	209	209	210	207	208	200	180	144	107	64.7	35.1	11.1	1.99		
45	191	188	188	186	188	189	191	189	189	182	160	127	92.7	53.7	28.3	10.0	1.68		
50	180	174	171	166	168	171	177	179	180	172	146	114	81.7	47.1	25.5	9.45	2.13		
55	158	153	156	152	153	160	166	164	167	160	143	112	75.0	42.6	22.8	8.99	2.69		
60	139	134	134	134	140	137	141	141	142	135	121	98.7	74.4	42.1	21.3	9.59	4.17		
65	117	113	115	113	116	117	123	124	126	119	105	84.0	63.7	41.1	24.5	16.0	9.30		
70	93.4	90.1	92.5	91.6	96.8	95.0	99.5	98.8	102	96.6	89.7	73.7	57.5	38.4	27.0	19.4	13.2		
75	70.4	64.0	68.6	63.9	70.7	69.0	75.2	74.0	78.7	74.8	70.2	56.5	48.4	34.5	26.5	20.3	16.6		
80	45.5	38.8	43.6	38.3	45.3	41.2	49.4	45.7	56.7	47.3	49.4	39.3	36.3	26.3	23.0	17.8	16.7		
85	20.3	17.5	20.2	17.8	21.4	18.4	23.0	19.4	24.8	20.6	26.0	20.3	21.7	16.4	16.0	12.4	12.0		
90	14.9	16.1	15.4	16.1	15.2	15.4	14.2	13.8	12.5	12.2	12.3	11.6	11.6	10.3	9.78	8.06	7.59		
95	20.2	21.1	20.0	20.5	19.2	20.0	18.4	19.0	17.1	17.0	14.6	14.4	12.1	11.4	9.38	8.41	6.87		
100	23.3	22.8	22.8	22.6	22.6	23.4	22.4	22.7	22.5	21.5	19.2	18.4	15.6	14.3	11.9	10.6	8.95		
105	23.1	20.9	22.5	21.5	23.0	25.0	23.6	22.6	25.0	22.3	21.1	20.5	17.7	15.3	13.5	11.9	11.0		
110	21.7	17.3	20.2	18.7	21.8	25.8	23.5	19.6	23.7	19.8	21.1	22.2	18.0	14.6	13.6	11.6	11.9		
115	18.8	14.6	16.4	15.5	18.9	21.7	20.3	16.5	19.3	16.7	19.2	20.8	17.0	12.9	12.4	10.5	11.7		
120	14.1	13.3	14.4	13.5	14.9	15.6	15.2	14.6	16.7	14.6	15.0	15.8	14.4	11.6	11.1	9.61	9.89		
125	10.7	11.9	13.0	12.2	11.9	11.2	11.6	12.2	14.1	12.3	11.6	11.4	11.5	10.8	10.6	9.22	8.02		
130	8.41	9.18	10.6	10.3	9.90	8.74	9.43	9.41	10.5	9.77	9.44	8.81	9.65	9.71	9.73	8.36	6.72		
135	6.44	7.04	8.26	8.41	8.43	7.41	7.81	7.23	7.79	7.59	7.99	7.27	8.15	7.99	7.90	6.58	5.51		
140	5.08	5.57	6.64	6.84	7.16	6.55	6.68	6.23	6.56	6.54	6.84	6.45	7.00	6.60	6.28	5.12	4.34		
145	4.16	4.47	5.32	5.51	5.83	5.38	5.45	5.15	5.60	5.39	5.77	5.51	5.77	5.33	5.03	4.09	3.59		
150	3.45	3.58	4.24	4.36	4.73	4.38	4.43	4.27	4.61	4.39	4.71	4.61	4.80	4.29	4.06	3.32	3.00		
155	2.82	2.77	3.25	3.28	3.62	3.40	3.58	3.52	3.79	3.58	3.86	3.70	3.85	3.34	3.19	2.63	2.51		
160	2.13	1.91	2.22	2.14	2.48	2.34	2.65	2.64	2.92	2.69	2.92	2.67	2.84	2.36	2.32	1.98	2.03		
165	1.30	1.06	1.24	1.16	1.39	1.19	1.57	1.47	1.86	1.56	1.77	1.48	1.64	1.45	1.51	1.28	1.50		
170	0.63	0.52	0.51	0.43	0.56	0.58	0.69	0.66	0.74	0.68	0.80	0.79	0.88	0.76	0.87	0.86	0.95		
175	0.30	0.29	0.30	0.29	0.30	0.28	0.29	0.28	0.30	0.30	0.30	0.30	0.34	0.36	0.45	0.43	0.47		
180	0.32	0.33	0.33	0.36	0.37	0.40	0.40	0.41	0.41	0.42	0.42	0.43	0.41	0.43	0.42	0.43	0.41		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-09-27

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