

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

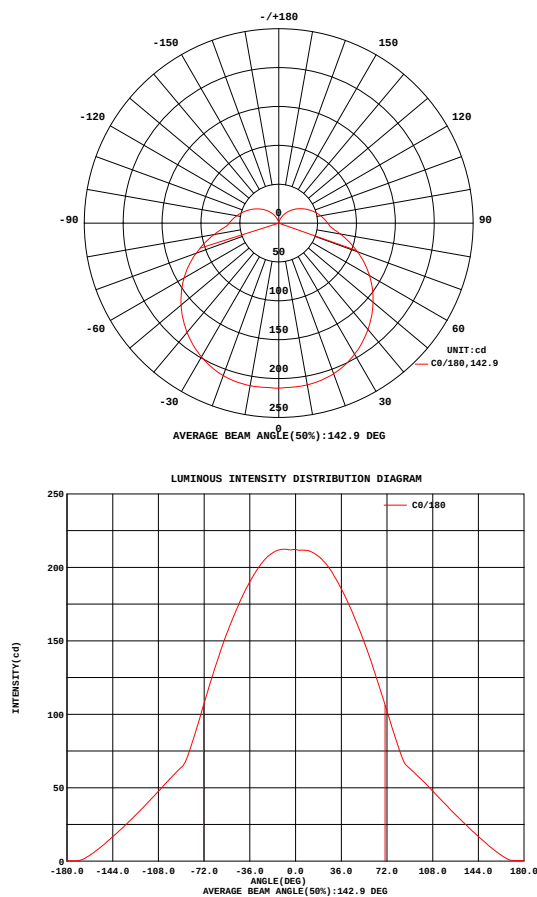


Fig. C0/C180

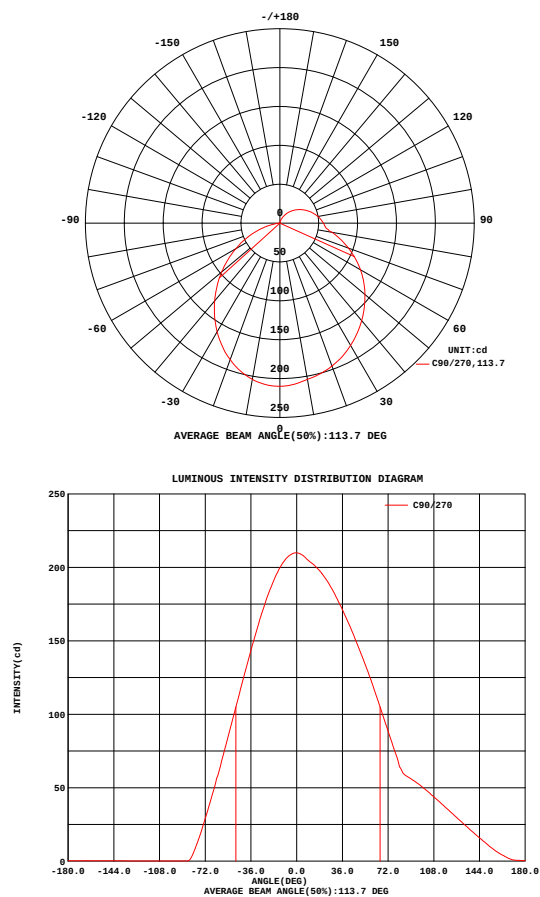


Fig. C90/C270

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2021-10-23

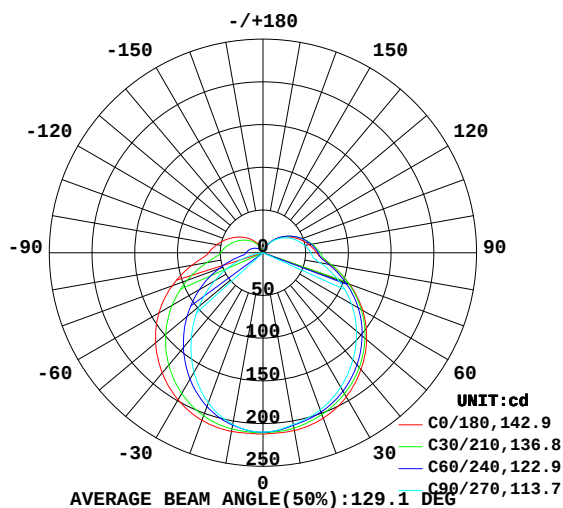
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 1.606m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

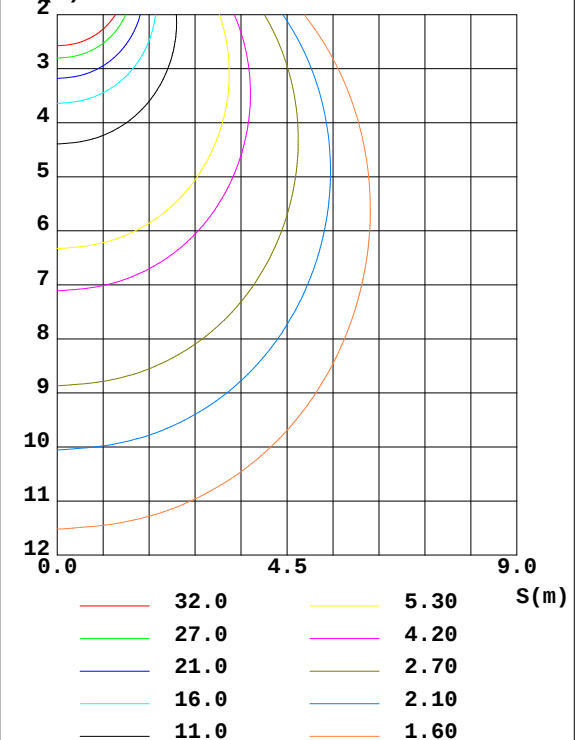
NAME: 四方扁形150光效LED感应太阳能灯	TYPE: 6943701125	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2021102301
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 81.27 lm/W			
MODEL		I _{max} (cd)	212.3	S/MH(C0/180)	1.40
NOMINAL POWER(W)	11.34	LOR(%)	100.0	S/MH(C90/270)	1.15
RATED VOLTAGE(V)	4.2	TOTAL FLUX(lm)	921.60	η UP, DN(C0-180)	12.2, 44.8
NOMINAL FLUX(lm)	921.599	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	6.4, 36.7
LAMPS INSIDE	1	η up(%)	18.5	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	4.2	η down(%)	81.5	CIBSE SHR MAX	1.50

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: 2021-10-23

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

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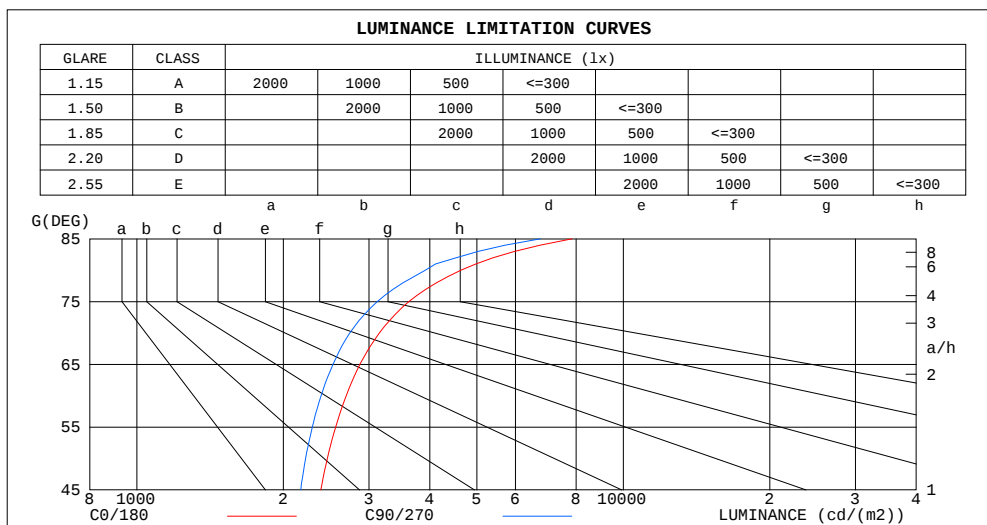
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	211.3	206.7	204.1	206.6	212.3	207.2	204.0	206.4	0- 10	19.90	19.90	2.16, 2.16
20	206.1	200.0	195.7	200.8	208.7	197.7	186.8	196.3	10- 20	57.50	77.40	8.4, 8.4
30	194.8	189.4	181.8	191.0	198.7	180.9	161.5	179.0	20- 30	88.61	166.0	18, 18
40	178.5	174.0	163.7	176.4	183.5	158.7	130.6	156.6	30- 40	109.6	275.6	29.9, 29.9
50	158.4	154.6	142.8	157.5	164.0	132.9	97.86	130.7	40- 50	118.8	394.4	42.8, 42.8
60	134.7	131.5	119.6	134.6	140.6	104.8	64.85	102.6	50- 60	115.9	510.3	55.4, 55.4
70	107.8	105.9	93.72	109.1	113.0	75.79	34.53	74.18	60- 70	101.9	612.2	66.4, 66.4
80	80.51	80.74	68.03	83.29	84.39	48.78	8.410	47.97	70- 80	79.95	692.2	75.1, 75.1
90	63.08	66.98	56.08	67.23	63.92	35.28	0.1201	36.57	80- 90	58.73	750.9	81.5, 81.5
100	54.86	59.24	49.77	59.52	54.99	30.79	0.1476	31.88	90-100	49.99	800.9	86.9, 86.9
110	45.95	50.08	42.32	50.43	45.69	25.78	0.1562	26.60	100-110	41.54	842.4	91.4, 91.4
120	36.93	40.12	34.46	40.55	36.53	20.55	0.1795	21.04	110-120	31.96	874.4	94.9, 94.9
130	28.27	29.80	26.60	30.40	27.88	15.38	0.2028	15.52	120-130	22.48	896.9	97.3, 97.3
140	19.99	19.75	18.88	20.46	19.70	10.39	0.2388	10.25	130-140	14.04	910.9	98.8, 98.8
150	12.23	10.67	11.52	11.42	12.03	5.783	0.2849	5.457	140-150	7.324	918.2	99.6, 99.6
160	5.252	3.839	5.186	4.333	5.190	2.037	0.3110	1.644	150-160	2.778	921.0	99.9, 99.9
170	0.5494	0.6854	0.9437	0.6792	0.4679	0.3701	0.3149	0.3151	160-170	0.5393	921.6	100, 100
180	0.3410	0.3481	0.3483	0.3515	0.3470	0.3480	0.3453	0.3406	170-180	0.0416	921.6	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
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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:

LUMINANCE LIMITATION CURVES

NAME: 四方扁形150光效LED感应太阳能灯	TYPE: 6943701125	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2021102301
MFR.: EVERFINE	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	7843	6749
80	4636	3918
75	3624	3120
70	3152	2740
65	2874	2530
60	2695	2392
55	2562	2294
50	2464	2222
45	2388	2172

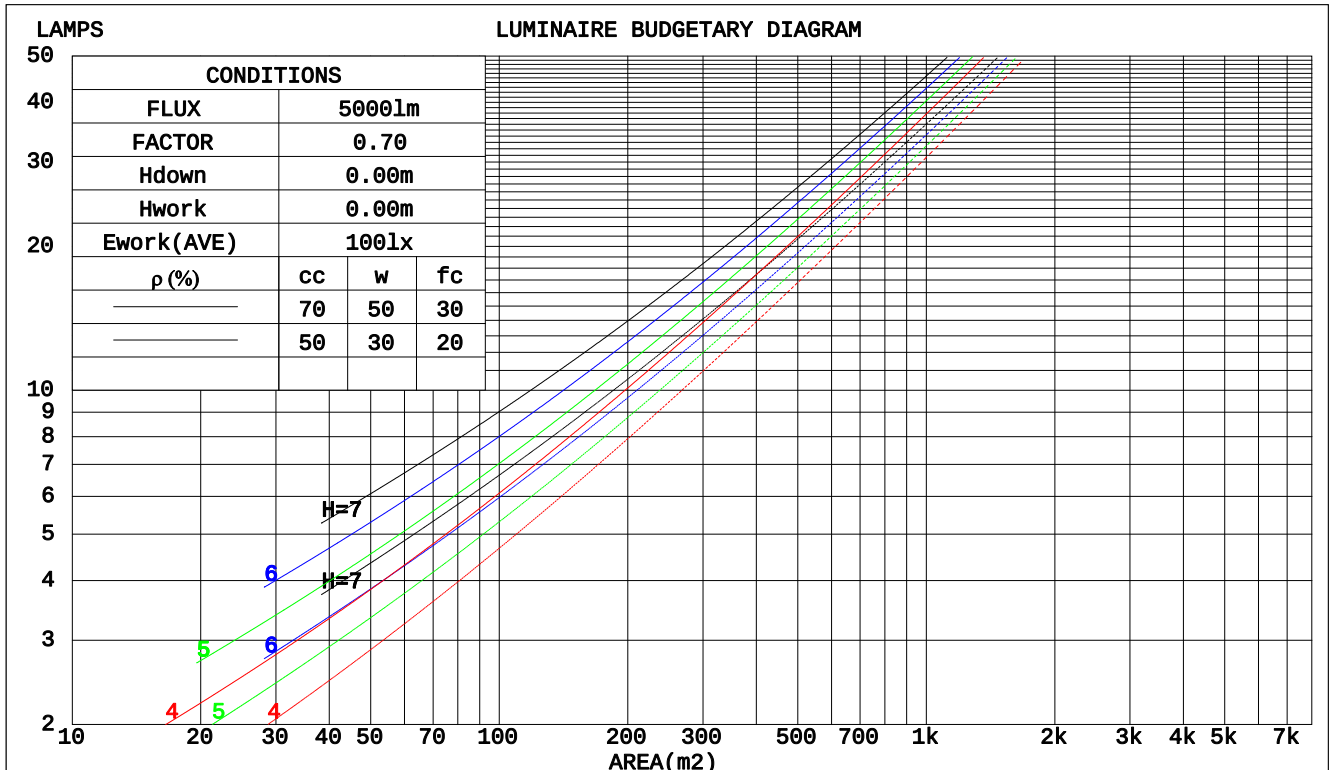
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Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: 四方扁形150光效LED感应太阳能灯	TYPE: 6943701125	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2021102301
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	1.15	1.15	1.15	1.10	1.10	1.10	1.01	1.01	1.01	.93	.93	.93	.85	.85	.85	.81
1.0	.96	.91	.87	.92	.88	.83	.85	.81	.77	.77	.74	.72	.71	.69	.66	.63
2.0	.83	.75	.69	.79	.72	.66	.73	.67	.62	.66	.62	.58	.61	.57	.54	.51
3.0	.72	.63	.56	.69	.61	.54	.63	.57	.51	.58	.52	.48	.53	.49	.45	.42
4.0	.63	.54	.47	.61	.52	.45	.56	.49	.43	.51	.45	.40	.47	.42	.38	.35
5.0	.56	.47	.40	.54	.45	.39	.50	.42	.37	.46	.39	.35	.42	.37	.33	.30
6.0	.50	.41	.34	.48	.40	.34	.45	.37	.32	.41	.35	.30	.38	.33	.28	.26
7.0	.45	.36	.30	.44	.35	.29	.40	.33	.28	.37	.31	.26	.35	.29	.25	.23
8.0	.41	.33	.27	.40	.32	.26	.37	.30	.25	.34	.28	.23	.32	.26	.22	.20
9.0	.38	.29	.24	.36	.29	.23	.34	.27	.22	.31	.25	.21	.29	.24	.20	.18
10.0	.35	.27	.21	.33	.26	.21	.31	.25	.20	.29	.23	.19	.27	.22	.18	.16



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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:

WEC AND CCEC

NAME: 四方扁形150光效LED感应太阳能灯	TYPE:6943701125	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2021102301
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	.369	.210	.066	.356	.203	.065	.332	.190	.061	.310	.179	.057	.290	.168	.054		
2.0	.323	.177	.054	.312	.172	.053	.290	.161	.050	.270	.151	.047	.251	.142	.045		
3.0	.289	.154	.046	.279	.149	.045	.259	.140	.043	.241	.132	.040	.224	.124	.038		
4.0	.261	.136	.040	.252	.132	.039	.234	.124	.037	.218	.117	.035	.202	.110	.033		
5.0	.238	.121	.035	.230	.118	.034	.214	.111	.033	.199	.105	.031	.184	.099	.030		
6.0	.219	.110	.031	.211	.107	.031	.196	.101	.029	.183	.095	.028	.170	.089	.027		
7.0	.202	.100	.028	.195	.097	.028	.182	.092	.026	.169	.087	.025	.157	.082	.024		
8.0	.188	.092	.026	.181	.089	.025	.169	.084	.024	.157	.080	.023	.146	.075	.022		
9.0	.175	.085	.024	.169	.082	.023	.158	.078	.022	.147	.074	.021	.137	.070	.020		
10.0	.164	.079	.022	.159	.077	.021	.148	.073	.020	.138	.069	.019	.129	.065	.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	.332	.332	.332	.283	.283	.283	.193	.193	.193	.111	.111	.111	.036	.036	.036	
1.0	.327	.298	.272	.280	.256	.234	.191	.176	.162	.110	.102	.094	.035	.033	.030	
2.0	.320	.275	.237	.274	.237	.205	.188	.164	.143	.108	.095	.084	.035	.031	.027	
3.0	.312	.258	.216	.268	.223	.187	.184	.155	.131	.106	.090	.077	.034	.029	.025	
4.0	.305	.246	.201	.261	.212	.175	.180	.148	.123	.104	.087	.073	.033	.028	.024	
5.0	.297	.236	.191	.255	.204	.166	.176	.143	.117	.102	.084	.070	.033	.027	.023	
6.0	.290	.228	.184	.249	.198	.160	.172	.138	.113	.100	.081	.067	.032	.027	.022	
7.0	.283	.222	.179	.243	.192	.156	.168	.135	.110	.098	.079	.066	.032	.026	.022	
8.0	.276	.216	.175	.238	.187	.152	.164	.132	.108	.096	.078	.064	.031	.025	.021	
9.0	.270	.211	.172	.233	.183	.150	.161	.129	.106	.094	.076	.063	.030	.025	.021	
10.0	.264	.207	.169	.228	.180	.148	.158	.127	.105	.092	.075	.063	.030	.025	.021	

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-10-23

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: 四方扁形150光效LED感应太阳能灯					TYPE:6943701125					WEIGHT:				
SPEC.:					DIM.:					SERIAL No.:A2021102301				
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					15.7	17.1	16.2	17.6	18.1	15.2	16.6	15.8	17.1	17.7
3H					18.0	19.2	18.5	19.8	20.4	17.4	18.6	17.9	19.2	19.8
4H					19.2	20.4	19.7	20.9	21.5	18.5	19.7	19.1	20.3	20.9
6H					20.4	21.5	21.0	22.1	22.8	19.7	20.8	20.3	21.4	22.0
8H					21.1	22.2	21.7	22.8	23.4	20.3	21.4	20.9	22.0	22.6
12H					21.9	22.9	22.5	23.5	24.2	21.0	22.1	21.6	22.7	23.4
4H 2H					16.5	17.6	17.0	18.2	18.8	16.1	17.3	16.7	17.9	18.5
3H					19.0	20.0	19.6	20.6	21.3	18.5	19.5	19.1	20.1	20.8
4H					20.3	21.3	20.9	21.9	22.6	19.8	20.7	20.4	21.3	22.1
6H					21.8	22.6	22.4	23.3	24.0	21.1	22.0	21.8	22.6	23.4
8H					22.5	23.3	23.2	24.0	24.8	21.8	22.6	22.5	23.3	24.0
12H					23.4	24.2	24.1	24.8	25.6	22.7	23.4	23.3	24.1	24.8
8H 4H					20.8	21.6	21.5	22.3	23.0	20.4	21.2	21.1	21.8	22.6
6H					22.6	23.2	23.3	23.9	24.7	22.0	22.7	22.7	23.4	24.2
8H					23.5	24.1	24.3	24.8	25.7	22.9	23.5	23.6	24.2	25.1
12H					24.7	25.2	25.4	25.9	26.8	24.0	24.5	24.7	25.2	26.1
12H 4H					20.9	21.6	21.6	22.3	23.1	20.5	21.3	21.2	21.9	22.7
6H					22.8	23.4	23.5	24.1	24.9	22.3	22.9	23.0	23.6	24.4
8H					23.9	24.4	24.6	25.1	26.0	23.3	23.8	24.1	24.6	25.4
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					+ 0.2 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117, 921.6 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.3)
Area: 0.1 m2

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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:

UTILIZATION FACTORS TABLE

NAME: 四方扁形150光效LED感应太阳能灯	TYPE: 6943701125	WEIGHT:
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MFR.: EVERFINE	SUR.:	Shielding Angle:

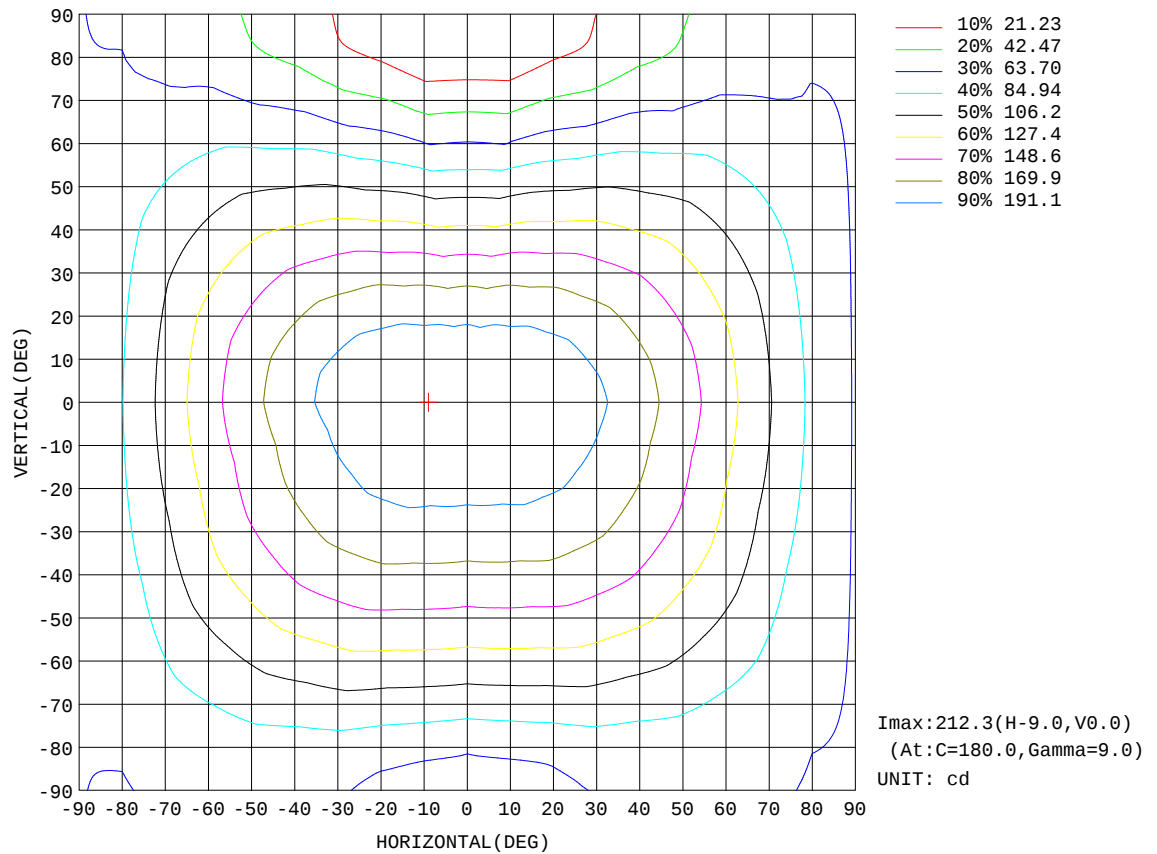
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	48	36	29	47	36	29	45	35	28	22
0.80	58	45	37	56	44	36	53	43	36	28
1.00	65	53	44	64	52	44	60	52	43	34
1.25	72	60	52	70	59	51	66	56	49	40
1.50	77	66	57	75	64	56	70	61	54	44
2.00	85	74	66	82	72	64	76	68	62	50
2.50	89	79	71	86	77	70	79	72	66	54
3.00	93	84	77	89	81	75	83	76	71	57
4.00	97	90	83	94	87	81	86	81	76	62
5.00	100	94	88	96	90	85	89	84	80	65
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNOM = 1.25										

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ISOCANDELA DIAGRAM

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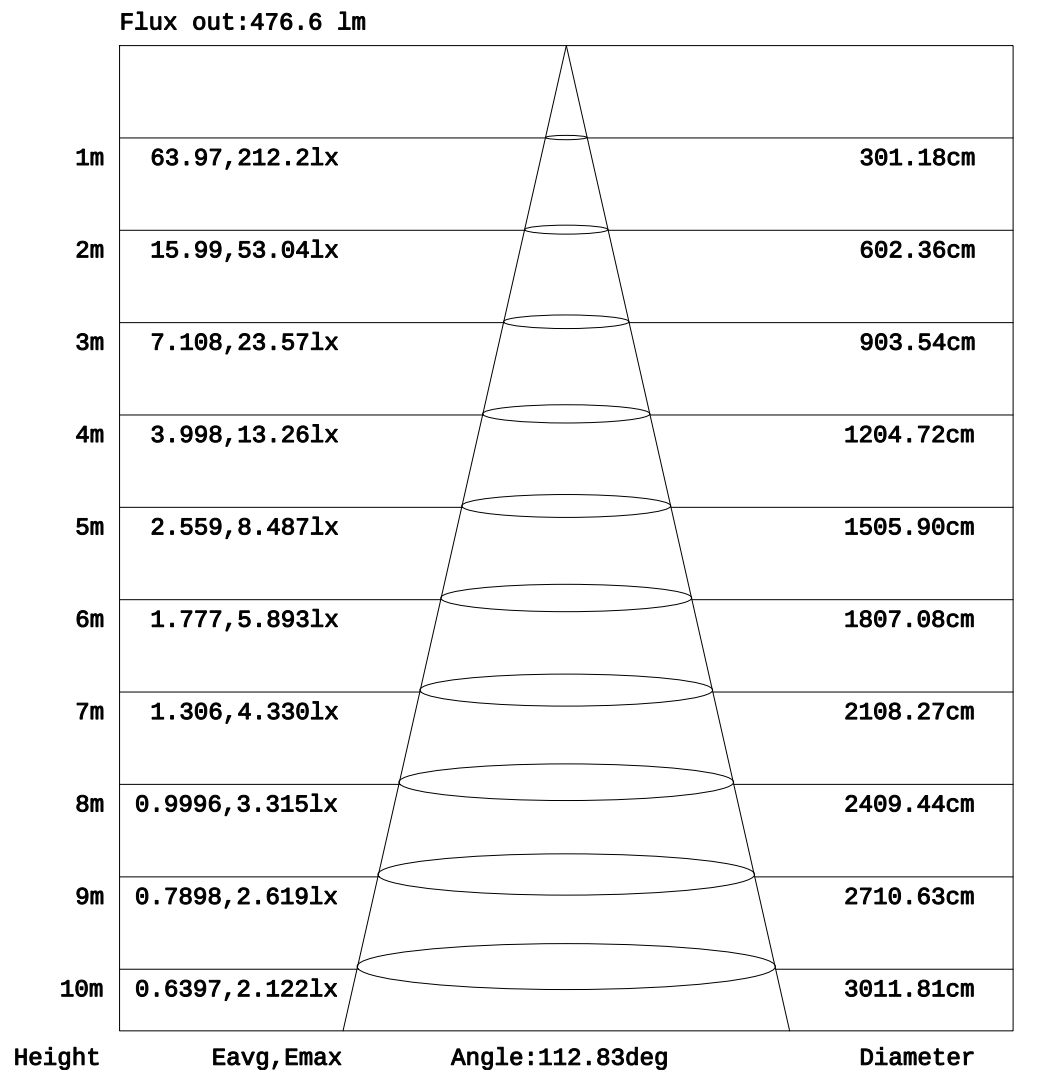


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AAI Figure

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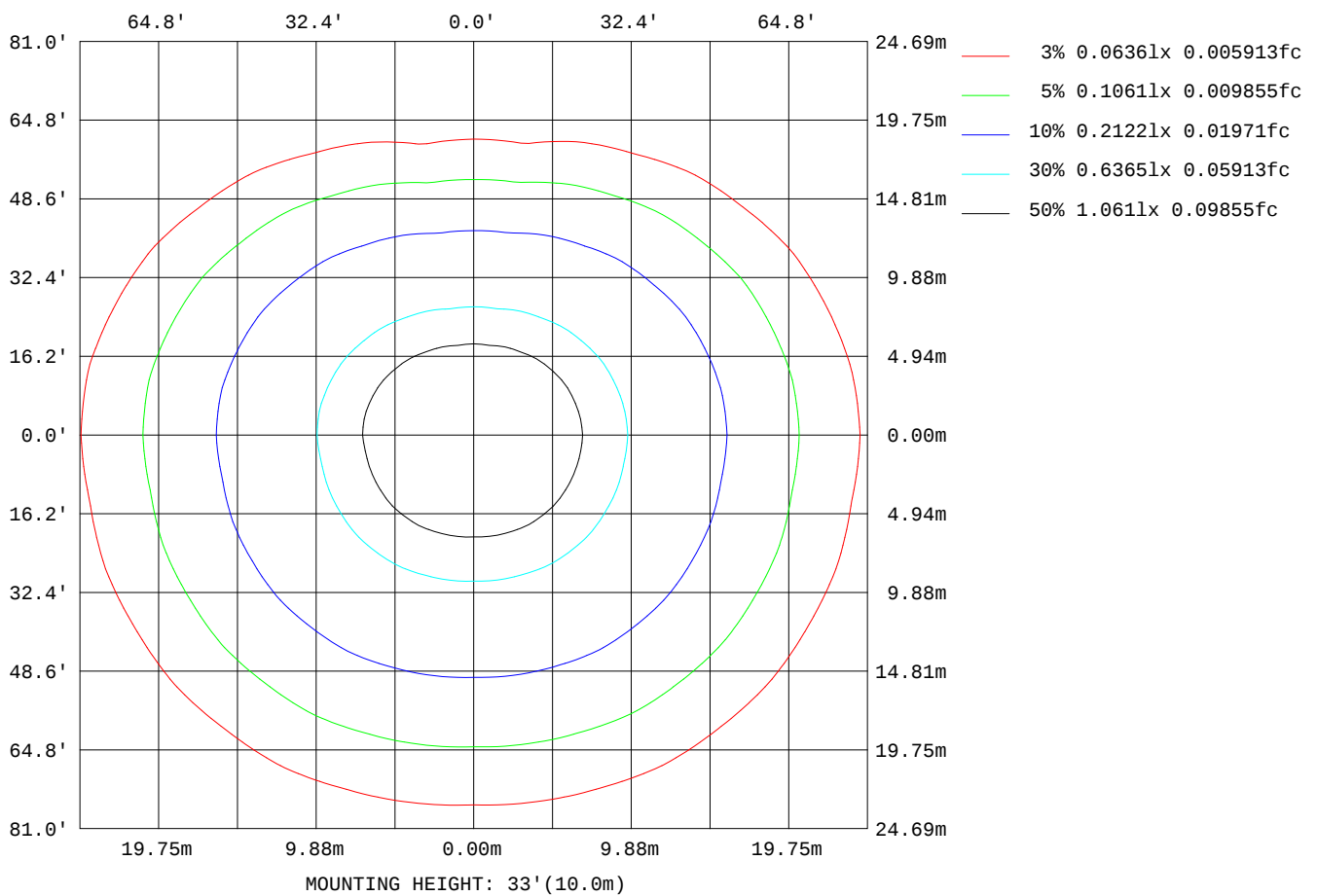
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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ISOLUX DIAGRAM

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 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2021-10-23

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: 四方扁形150光效LED感应太阳能灯	TYPE: 6943701125	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2021102301
MFR.: EVERFINE	SUR.:	Shielding Angle:

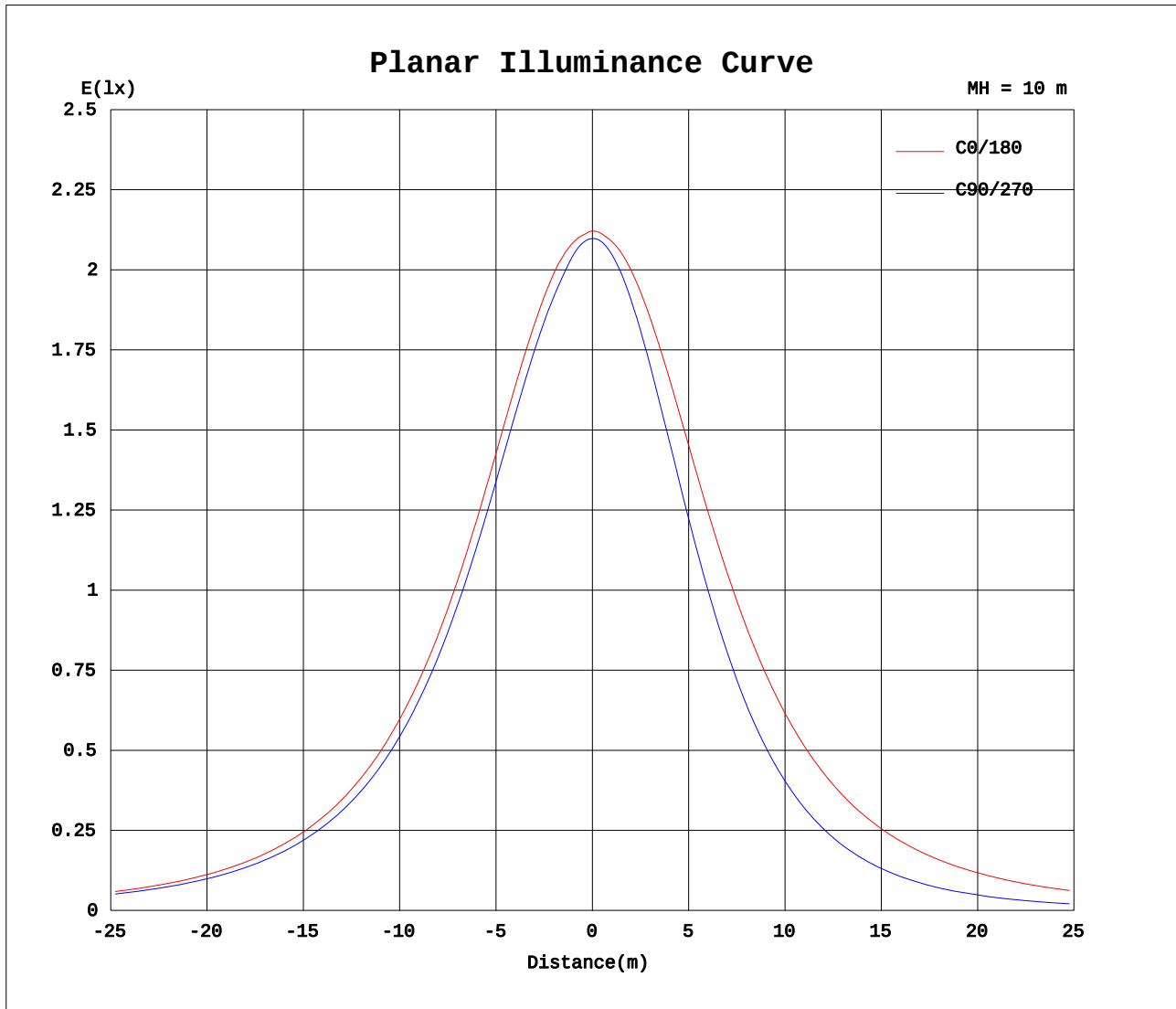
AvgL	cd/m2
L_0~180(65)av	2943
L_0~180(75)av	3718
L_0~180(85)av	8009
L_90~270(65)av	1849
L_90~270(75)av	1958
L_90~270(85)av	3396
L_45(65)av	2485
L_45(75)av	3002
L_45(85)av	6348

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2021-10-23

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: 2021-10-23

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: 四方扁形150光效LED感应太阳能灯	TYPE:6943701125	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2021102301
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	212	212	211	211	210	210	210	210	210	210	210	210	210	210	210	210	210	210	212
5	212	211	210	210	209	209	209	208	208	208	209	208	209	209	209	209	209	209	212
10	211	211	210	209	208	206	205	204	204	204	205	204	205	206	207	208	209	209	212
15	209	208	207	205	204	203	202	201	201	201	201	201	202	203	204	206	208	208	211
20	206	205	204	202	201	199	198	197	196	196	196	197	199	200	202	202	204	205	209
25	201	200	198	197	196	194	193	191	190	189	190	192	194	196	198	198	200	201	204
30	195	193	192	191	190	188	187	184	183	182	183	185	188	190	192	193	194	195	199
35	187	185	184	184	183	181	180	176	175	173	175	177	181	183	186	186	187	188	192
40	178	176	176	175	175	173	171	167	165	164	166	168	173	175	178	178	179	180	184
45	169	166	167	166	166	163	162	157	155	154	156	159	163	166	169	170	171	170	174
50	158	156	157	156	156	153	151	147	145	143	145	148	153	156	159	160	161	160	164
55	147	144	146	145	145	142	140	136	133	132	134	137	142	145	148	149	150	149	153
60	135	132	134	133	133	130	129	124	121	120	122	125	131	133	137	137	139	137	141
65	121	119	121	120	120	118	116	111	109	107	109	113	118	120	124	124	126	124	127
70	108	105	108	107	107	104	103	98.4	95.8	93.7	96.5	99.7	105	107	111	111	113	110	113
75	93.8	91.8	94.6	93.9	94.4	91.4	90.4	85.5	82.7	80.7	83.6	86.8	92.5	94.0	97.7	97.7	99.1	96.7	98.7
80	80.5	78.8	81.8	81.5	82.1	79.4	78.1	73.4	70.2	68.0	71.1	74.6	80.0	81.7	84.9	84.7	85.7	82.7	84.4
85	68.4	67.3	70.5	71.2	71.9	70.0	68.3	63.6	60.2	58.8	60.7	65.1	69.3	71.0	73.6	73.2	73.4	70.2	71.3
90	63.1	62.6	65.6	67.1	67.6	66.4	64.5	60.4	57.0	56.1	57.4	60.9	65.0	66.6	67.9	67.4	66.1	62.8	63.9
95	59.0	58.5	61.6	62.8	64.1	62.5	61.2	57.0	54.0	53.2	54.3	57.6	61.6	62.8	64.4	62.9	62.1	58.6	59.6
100	54.9	54.1	57.2	58.4	60.0	58.4	57.4	53.2	50.5	49.8	51.0	53.8	57.8	58.8	60.3	58.5	57.6	54.1	55.0
105	50.5	49.5	52.8	53.7	55.5	54.0	53.1	49.0	46.7	46.1	47.2	49.6	53.6	54.4	55.7	53.7	52.8	49.4	50.3
110	46.0	44.8	47.9	48.8	50.8	49.3	48.6	44.6	42.8	42.3	43.2	45.3	49.2	49.8	51.1	48.8	48.0	44.7	45.7
115	41.4	40.1	43.0	43.7	45.9	44.5	43.9	40.1	38.8	38.4	39.2	40.8	44.6	44.9	46.2	43.8	43.1	40.1	41.0
120	36.9	35.5	38.0	38.5	40.8	39.4	39.1	35.6	34.8	34.5	35.1	36.3	39.8	39.9	41.2	38.7	38.2	35.6	36.5
125	32.5	31.0	33.1	33.4	35.6	34.4	34.2	31.0	30.8	30.6	31.1	31.7	34.9	35.0	36.0	33.7	33.4	31.2	32.2
130	28.3	26.7	28.4	28.3	30.4	29.2	29.3	26.6	26.9	26.6	27.0	27.2	30.1	29.9	30.9	28.7	28.7	27.0	27.9
135	24.1	22.5	23.8	23.3	25.3	24.2	24.4	22.2	23.1	22.7	23.1	22.8	25.2	24.9	25.9	23.8	24.2	23.0	23.7
140	20.0	18.6	19.3	18.7	20.3	19.2	19.8	18.0	19.2	18.9	19.3	18.5	20.5	20.0	21.0	19.3	19.9	19.1	19.7
145	16.0	14.7	15.2	14.4	15.5	14.5	15.2	14.0	15.6	15.1	15.6	14.4	15.9	15.3	16.2	15.1	15.9	15.3	15.8
150	12.2	11.0	11.2	10.3	11.2	10.1	11.0	10.2	12.0	11.5	12.0	10.5	11.6	10.9	12.0	11.1	12.0	11.7	12.0
155	8.56	7.53	7.63	6.68	7.37	6.64	7.22	7.40	8.52	8.06	8.52	7.07	7.70	7.11	8.12	7.43	8.47	8.31	8.47
160	5.25	4.45	4.58	3.47	4.31	3.37	4.23	4.54	5.58	5.19	5.59	4.50	4.50	3.92	4.75	4.18	5.42	5.19	5.19
165	2.44	1.87	2.05	1.35	1.39	1.48	2.32	2.35	3.07	2.75	3.05	2.75	2.23	1.45	1.92	1.88	2.74	2.59	2.45
170	0.55	0.58	0.58	0.59	0.67	0.70	0.78	0.80	1.13	0.94	1.12	0.82	0.79	0.69	0.67	0.61	0.79	0.68	0.47
175	0.48	0.47	0.49	0.48	0.52	0.53	0.56	0.56	0.59	0.56	0.58	0.53	0.52	0.46	0.52	0.50	0.51	0.48	0.27
180	0.34	0.33	0.33	0.34	0.36	0.34	0.35	0.35	0.36	0.35	0.36	0.35	0.35	0.35	0.35	0.34	0.35	0.33	0.35

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-10-23

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: 四方扁形150光效LED感应太阳能灯	TYPE:6943701125	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2021102301
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	212	211	211	210	210	210	210	210	210	210	210	210	210	210	210	210	210		
5	211	211	210	210	209	209	209	208	208	208	208	208	209	209	209	209	209		
10	212	211	209	208	207	205	205	204	204	203	204	205	206	207	208	208	209		
15	211	209	207	204	202	199	198	196	197	196	198	199	202	203	205	206	207		
20	208	206	203	199	196	192	189	186	187	186	189	191	195	197	201	202	204		
25	204	201	197	192	188	182	179	174	175	174	179	181	187	190	195	197	199		
30	198	194	190	184	178	171	166	161	161	161	166	170	177	181	187	190	193		
35	191	186	181	174	167	158	153	146	147	146	153	158	166	171	178	181	185		
40	182	177	172	163	155	145	138	131	131	131	138	144	153	160	168	172	176		
45	173	167	161	151	142	131	123	114	114	115	123	130	140	148	156	162	166		
50	162	156	149	138	128	116	108	98.2	97.9	98.6	108	115	127	135	145	150	156		
55	151	144	136	124	114	101	91.7	81.8	81.3	82.2	92.0	101	113	121	132	138	145		
60	139	131	123	110	99.5	85.8	76.0	63.7	64.8	63.9	76.5	85.5	98.0	107	119	125	132		
65	126	117	109	95.7	84.9	70.6	60.6	48.6	49.3	49.1	61.1	70.2	83.5	93.2	105	112	119		
70	111	103	94.5	81.3	70.3	55.0	46.3	33.7	34.5	34.2	46.9	55.0	69.3	79.1	91.0	98.0	105		
75	97.1	88.8	80.4	66.9	56.5	41.5	32.5	20.1	20.6	20.6	33.2	41.6	55.9	64.0	77.4	84.4	91.3		
80	83.0	75.1	66.9	53.4	44.1	29.4	20.2	8.31	8.41	8.77	21.0	29.8	43.7	52.3	64.6	71.5	78.1		
85	70.0	62.1	56.1	43.4	33.8	21.4	11.3	1.93	0.37	2.93	12.7	22.8	34.5	43.7	54.1	60.0	66.3		
90	62.6	56.8	49.9	40.1	30.5	19.9	10.0	1.68	0.12	2.56	11.5	21.4	32.0	41.2	50.4	56.4	61.7		
95	58.4	53.0	46.8	37.6	28.7	18.6	9.33	1.48	0.13	2.21	10.6	20.0	30.1	38.6	47.3	52.9	57.8		
100	53.9	49.1	43.5	34.9	26.7	17.2	8.54	1.24	0.15	1.82	9.66	18.4	27.9	35.8	44.0	49.0	53.5		
105	49.8	44.9	40.0	32.1	24.6	15.7	7.66	1.02	0.16	1.44	8.59	16.8	25.7	32.9	40.5	44.9	49.2		
110	45.2	40.8	36.5	29.2	22.4	14.1	6.74	0.80	0.16	1.09	7.50	15.0	23.3	29.9	36.9	40.8	44.8		
115	40.8	36.7	32.9	26.2	20.1	12.5	5.79	0.60	0.16	0.79	6.40	13.2	20.8	26.8	33.2	36.7	40.4		
120	36.4	32.7	29.4	23.3	17.8	10.9	4.87	0.43	0.18	0.54	5.31	11.4	18.4	23.7	29.6	32.6	36.0		
125	32.1	28.7	25.9	20.4	15.5	9.24	3.99	0.30	0.20	0.34	4.28	9.59	15.9	20.6	26.0	28.6	31.7		
130	27.9	24.9	22.4	17.5	13.2	7.66	3.14	0.23	0.20	0.24	3.31	7.85	13.4	17.6	22.4	24.6	27.4		
135	23.8	21.1	19.0	14.7	11.0	6.14	2.36	0.23	0.22	0.24	2.42	6.20	11.1	14.6	18.9	20.7	23.3		
140	19.9	17.4	15.7	11.9	8.85	4.67	1.68	0.26	0.24	0.26	1.64	4.64	8.77	11.7	15.5	17.0	19.3		
145	16.1	13.9	12.5	9.26	6.78	3.34	1.08	0.29	0.27	0.27	0.97	3.22	6.60	8.96	12.1	13.4	15.4		
150	12.4	10.5	9.49	6.72	4.84	2.18	0.58	0.31	0.28	0.30	0.45	1.98	4.56	6.35	9.00	9.82	11.6		
155	8.83	7.27	6.60	4.41	3.09	1.17	0.33	0.31	0.30	0.31	0.32	0.93	2.76	3.99	6.07	6.59	8.06		
160	5.56	4.37	4.03	2.45	1.62	0.44	0.35	0.34	0.31	0.32	0.33	0.34	1.27	2.02	3.46	3.70	4.81		
165	2.74	1.96	1.82	0.87	0.52	0.36	0.39	0.34	0.32	0.34	0.35	0.36	0.37	0.53	1.35	1.41	2.08		
170	0.60	0.35	0.34	0.33	0.41	0.31	0.32	0.37	0.31	0.34	0.30	0.29	0.32	0.31	0.34	0.33	0.30		
175	0.26	0.23	0.27	0.24	0.26	0.25	0.25	0.24	0.25	0.25	0.25	0.24	0.24	0.24	0.24	0.23	0.28		
180	0.32	0.33	0.35	0.36	0.34	0.35	0.33	0.35	0.35	0.34	0.34	0.34	0.34	0.34	0.33	0.34	0.33		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-10-23

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: