

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

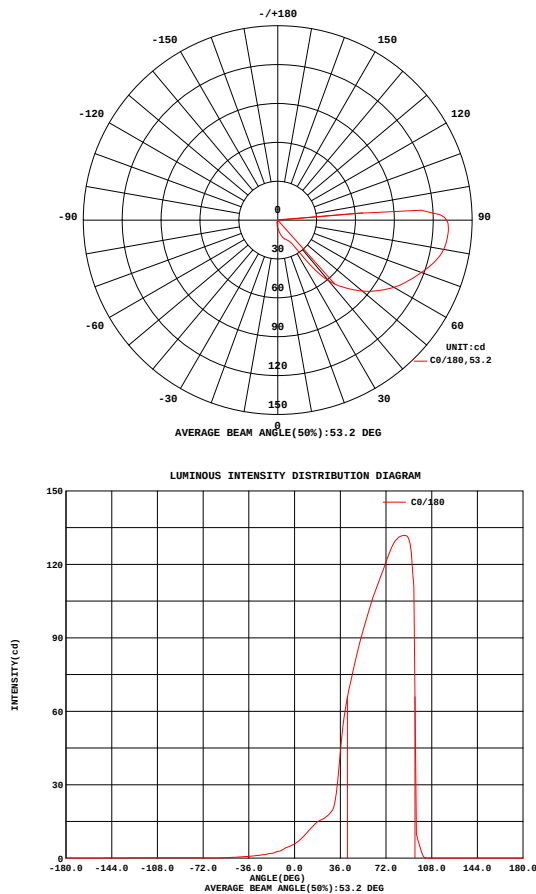


Fig. C0/C180

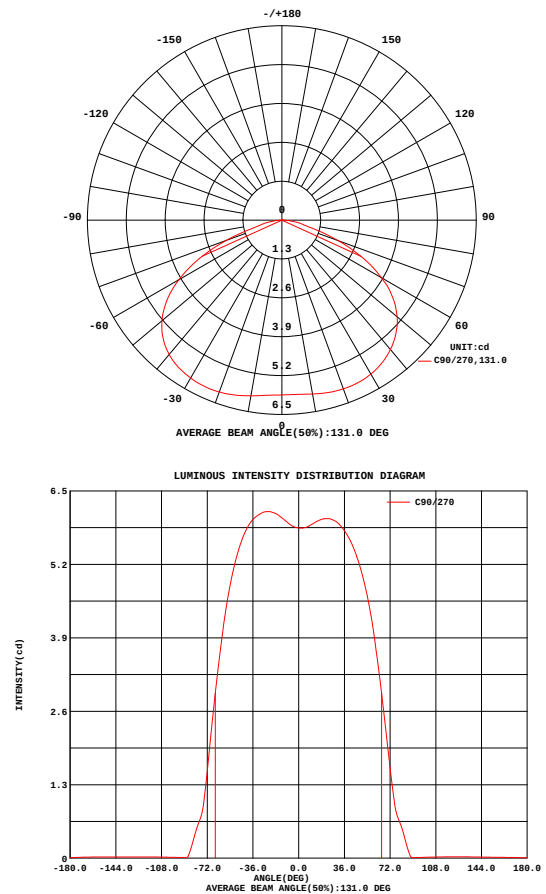


Fig. C90/C270

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: YT
Test Date: 2023-11-04

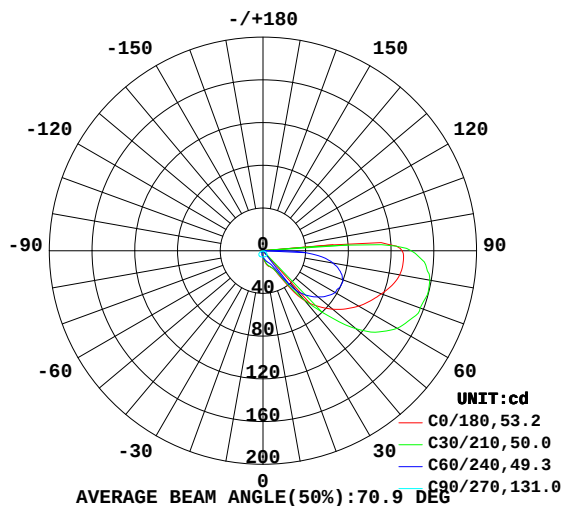
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity: 52.2%
Test Distance: 1.157m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

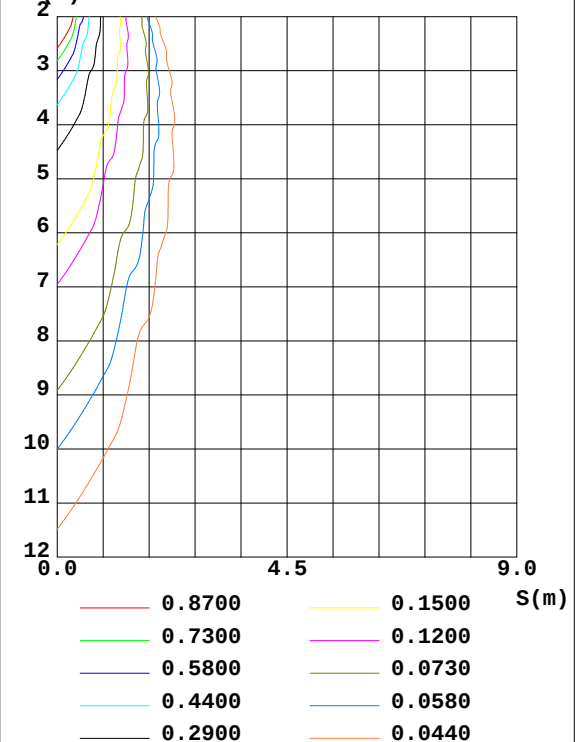
NAME: 180方形嵌墙感应太阳能灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:B2023110601
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 20.70 lm/W
MODEL		I _{max} (cd)	183.8	S/MH(C0/180)	6.13	
NOMINAL POWER(W)	12.12	LOR(%)	100.0	S/MH(C90/270)	1.52	
RATED VOLTAGE(V)	4.33	TOTAL FLUX(lm)	250.91	η UP, DN(C0-180)	3.1, 42.9	
NOMINAL FLUX(lm)	250.913	CIE CLASS	DIRECT	η UP, DN(C180-360)	4.3, 49.7	
LAMPS INSIDE	1	η up(%)	7.4	CIBSE SHR NOM	0.00	
TEST VOLTAGE(V)	4.33	η down(%)	92.6	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:25.1DEG
 Operators:YT
 Test Date:2023-11-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.362
 Humidity:52.2%
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 Remarks:

ZONAL FLUX DIAGRAM

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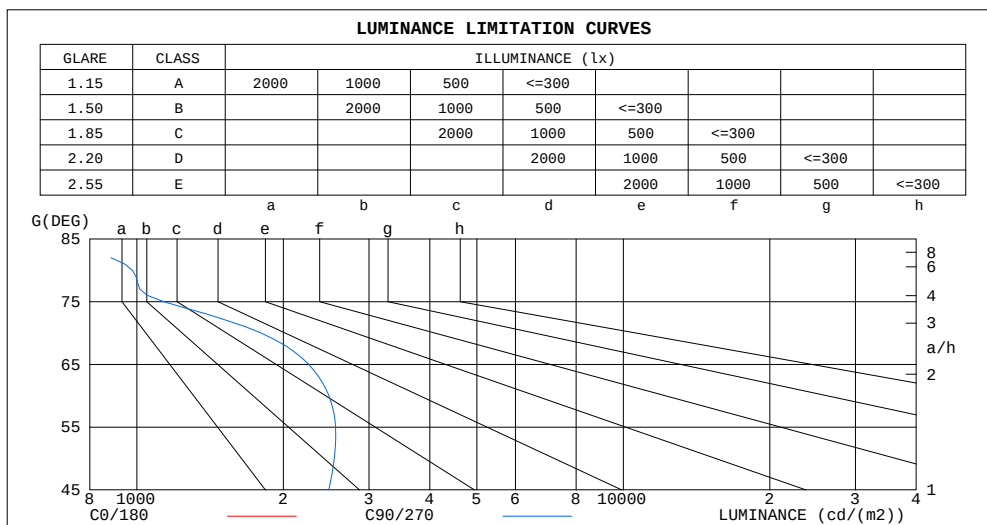
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	3.276	4.204	5.966	9.110	10.55	8.956	5.903	4.198	0- 10	0.5949	0.5949	0.24,0.24
20	1.855	2.583	6.115	13.26	15.38	13.16	6.006	2.572	10- 20	2.031	2.626	1.05,1.05
30	1.075	1.625	6.097	18.05	19.67	17.92	5.948	1.625	20- 30	3.812	6.437	2.57,2.57
40	0.6069	0.9953	5.865	62.59	60.85	61.05	5.648	1.005	30- 40	10.01	16.45	6.56,6.56
50	0.2952	0.5989	5.236	101.3	85.11	100.5	5.029	0.6084	40- 50	24.74	41.19	16.4,16.4
60	0.1241	0.3004	3.971	116.6	103.6	116.4	3.844	0.3068	50- 60	38.14	79.32	31.6,31.6
70	0.1066	0.1157	1.969	122.1	118.0	121.7	1.993	0.0966	60- 70	48.59	127.9	51,51
80	0.1671	0.1060	0.5436	115.5	130.0	114.6	0.6160	0.0584	70- 80	53.93	181.8	72.5,72.5
90	0.1821	0.1280	0.0104	79.83	130.3	83.74	0.0097	0.0079	80- 90	50.42	232.3	92.6,92.6
100	0.1882	0.1308	0.0160	0.0091	2.508	0.1256	0.0157	0.1190	90-100	18.37	250.6	99.9,99.9
110	0.1836	0.1267	0.0198	0.0009	0.0007	0.0007	0.0208	0.1360	100-110	0.1094	250.7	99.9,99.9
120	0.1654	0.1069	0.0219	0.0009	0.0009	0.0009	0.0237	0.1266	110-120	0.0586	250.8	100,100
130	0.1330	0.0829	0.0221	0.0016	0.0012	0.0017	0.0236	0.0919	120-130	0.0445	250.9	100,100
140	0.0999	0.0588	0.0212	0.0036	0.0020	0.0030	0.0208	0.0587	130-140	0.0291	250.9	100,100
150	0.0679	0.0392	0.0207	0.0075	0.0035	0.0049	0.0173	0.0343	140-150	0.0173	250.9	100,100
160	0.0357	0.0245	0.0203	0.0134	0.0068	0.0080	0.0147	0.0189	150-160	0.0093	250.9	100,100
170	0.0141	0.0149	0.0174	0.0183	0.0108	0.0109	0.0122	0.0110	160-170	0.0045	250.9	100,100
180	0.0102	0.0073	0.0077	0.0101	0.0102	0.0082	0.0075	0.0093	170-180	0.0011	250.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

C Range: 0 - 360DEG
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Test Speed: HIGH
Temperature:25.1DEG
Operators:YT
Test Date:2023-11-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity:52.2%
Test Distance:1.157m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

NAME: 180方形嵌墙感应太阳能灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:B2023110601
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	656	564
80	301	978
75	166	1134
70	97	1799
65	71	2254
60	78	2482
55	105	2560
50	144	2546
45	193	2481

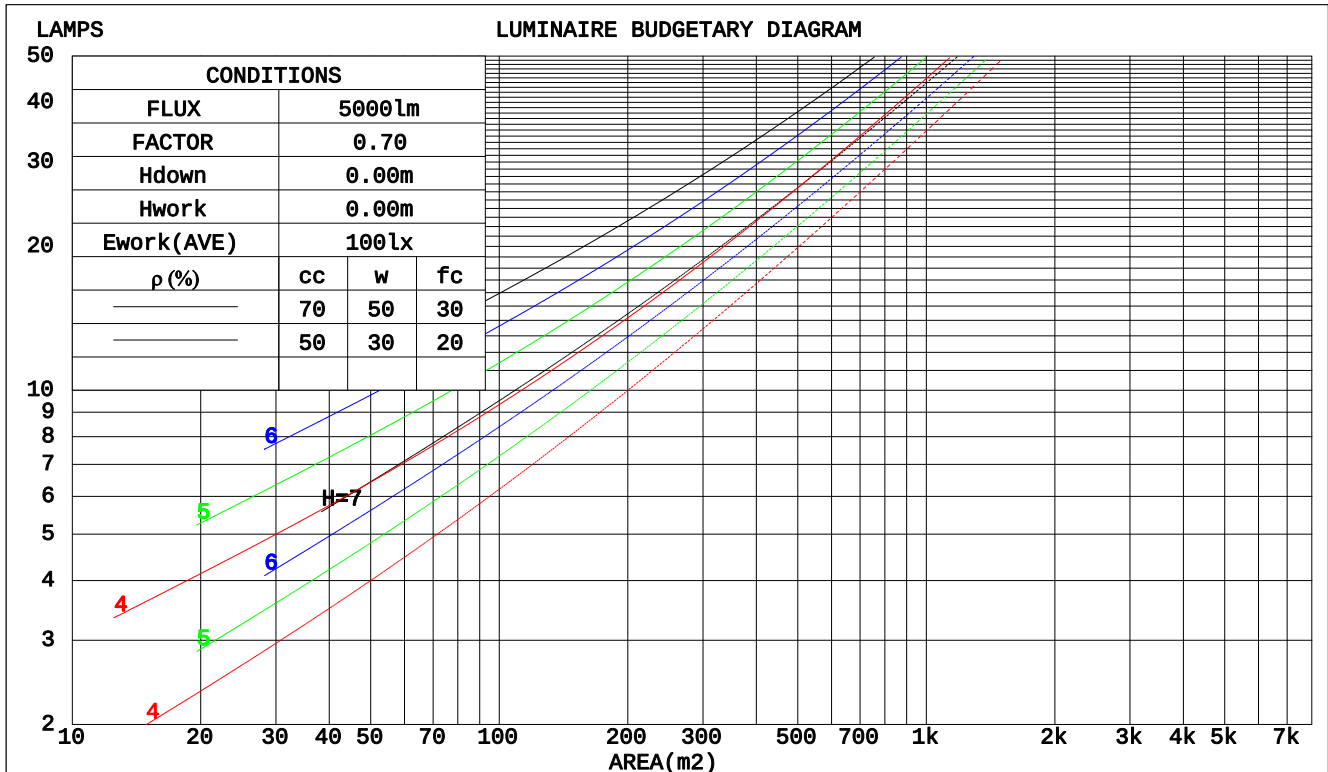
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Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: 180方形嵌墙感应太阳能灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:B2023110601
MFR.:	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	1.17	1.17	1.17	1.14	1.14	1.14	1.07	1.07	1.07	1.01	1.01	1.01	.95	.95	.95	.93
1.0	.87	.78	.71	.84	.76	.69	.78	.71	.65	.72	.67	.62	.67	.62	.58	.55
2.0	.69	.58	.48	.66	.56	.47	.61	.52	.45	.56	.49	.42	.52	.46	.40	.37
3.0	.57	.45	.35	.55	.43	.34	.50	.40	.32	.46	.38	.31	.42	.35	.29	.26
4.0	.48	.36	.26	.46	.35	.26	.42	.32	.24	.39	.30	.23	.35	.28	.22	.19
5.0	.41	.29	.20	.40	.28	.20	.36	.26	.19	.33	.25	.18	.30	.23	.17	.14
6.0	.36	.25	.16	.35	.24	.16	.32	.22	.15	.29	.21	.14	.27	.19	.13	.11
7.0	.32	.21	.13	.31	.20	.13	.28	.19	.12	.26	.18	.12	.24	.17	.11	.08
8.0	.29	.18	.11	.28	.18	.11	.25	.17	.10	.23	.15	.10	.22	.14	.09	.07
9.0	.26	.16	.09	.25	.16	.09	.23	.15	.09	.21	.14	.08	.20	.13	.08	.05
10.0	.24	.14	.08	.23	.14	.08	.21	.13	.07	.20	.12	.07	.18	.11	.07	.05



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WEC AND CCEC

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SPEC.:	DIM.:	SERIAL No.:B2023110601
MFR.:	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	.602	.342	.108	.592	.338	.107	.573	.329	.105	.555	.320	.103	.539	.313	.101		
2.0	.478	.262	.080	.469	.258	.080	.452	.251	.078	.436	.244	.077	.421	.238	.075		
3.0	.402	.214	.064	.394	.211	.063	.378	.205	.062	.364	.199	.061	.350	.194	.060		
4.0	.347	.181	.053	.340	.178	.053	.326	.173	.052	.313	.168	.051	.301	.164	.050		
5.0	.306	.156	.045	.299	.154	.045	.287	.149	.044	.275	.145	.043	.264	.141	.042		
6.0	.273	.137	.039	.267	.135	.039	.256	.131	.038	.245	.128	.038	.236	.124	.037		
7.0	.247	.122	.035	.241	.120	.034	.231	.117	.034	.222	.114	.033	.213	.111	.033		
8.0	.225	.110	.031	.220	.108	.031	.211	.105	.030	.202	.103	.030	.194	.100	.029		
9.0	.207	.100	.028	.202	.099	.028	.194	.096	.027	.186	.093	.027	.179	.091	.026		
10.0	.191	.092	.025	.187	.090	.025	.180	.088	.025	.172	.086	.024	.166	.083	.024		

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	.247	.247	.247	.211	.211	.211	.144	.144	.144	.083	.083	.083	.026	.026	.026	
1.0	.258	.211	.168	.220	.181	.145	.151	.124	.100	.087	.072	.058	.028	.023	.019	
2.0	.255	.188	.133	.218	.162	.115	.149	.112	.080	.086	.065	.047	.028	.021	.015	
3.0	.248	.173	.113	.212	.149	.098	.146	.104	.069	.084	.061	.041	.027	.020	.013	
4.0	.239	.161	.102	.205	.139	.088	.141	.097	.062	.082	.057	.037	.026	.019	.012	
5.0	.230	.152	.094	.197	.131	.082	.136	.092	.058	.079	.054	.034	.025	.018	.011	
6.0	.221	.144	.089	.190	.125	.077	.131	.087	.055	.076	.051	.033	.025	.017	.011	
7.0	.212	.137	.085	.182	.119	.074	.126	.084	.053	.073	.049	.031	.024	.016	.010	
8.0	.204	.132	.082	.175	.114	.072	.121	.080	.051	.071	.047	.030	.023	.016	.010	
9.0	.196	.127	.080	.169	.110	.070	.117	.077	.050	.068	.046	.030	.022	.015	.010	
10.0	.189	.123	.078	.163	.106	.068	.113	.075	.049	.066	.044	.029	.021	.015	.010	

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:YT
Test Date:2023-11-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity:52.2%
Test Distance:1.157m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

NAME: 180方形嵌墙感应太阳能灯						TYPE:					WEIGHT:				
SPEC.:						DIM.:					SERIAL No.:B2023110601				
MFR.:						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	-10.9	-9.0	-10.5	-8.6	-8.2	1.7	3.6	2.1	4.0	4.4					
3H	-10.5	-8.7	-10.0	-8.2	-7.8	3.2	5.0	3.6	5.4	5.9					
4H	-9.5	-7.8	-9.1	-7.3	-6.9	3.6	5.3	4.0	5.7	6.2					
6H	-7.6	-6.0	-7.2	-5.5	-5.0	3.8	5.5	4.3	5.9	6.4					
8H	-6.3	-4.7	-5.9	-4.3	-3.8	3.9	5.5	4.4	6.0	6.5					
12H	-4.8	-3.3	-4.4	-2.8	-2.3	3.9	5.5	4.4	6.0	6.5					
4H 2H	-10.1	-8.3	-9.6	-7.9	-7.4	1.3	3.0	1.7	3.4	3.9					
3H	-9.5	-8.0	-9.1	-7.5	-7.0	2.8	4.4	3.3	4.8	5.4					
4H	-8.4	-6.9	-7.9	-6.5	-5.9	3.2	4.7	3.7	5.2	5.7					
6H	-6.2	-4.9	-5.7	-4.4	-3.8	3.5	4.8	4.0	5.3	5.9					
8H	-4.8	-3.5	-4.3	-3.0	-2.4	3.6	4.9	4.1	5.4	6.0					
12H	-3.2	-1.9	-2.6	-1.4	-0.8	3.6	4.8	4.2	5.4	5.9					
8H 4H	-8.1	-6.8	-7.6	-6.3	-5.7	3.0	4.3	3.5	4.8	5.4					
6H	-5.5	-4.4	-4.9	-3.8	-3.2	3.3	4.4	3.9	5.0	5.6					
8H	-3.8	-2.7	-3.2	-2.2	-1.5	3.4	4.5	4.0	5.0	5.7					
12H	-1.8	-0.9	-1.2	-0.3	0.4	3.5	4.4	4.1	5.0	5.6					
12H 4H	-8.1	-6.9	-7.5	-6.3	-5.7	3.0	4.2	3.5	4.7	5.3					
6H	-5.4	-4.3	-4.8	-3.8	-3.1	3.3	4.3	3.9	4.9	5.5					
8H	-3.5	-2.5	-2.9	-2.0	-1.3	3.4	4.3	4.0	4.9	5.6					
Variations with the observer position at spacings:															
S = 1.0H	+ 0.3 / - 0.3					+ 2.6 / - 3.0									
1.5H	+ 0.1 / - 0.3					+ 4.1 / - 4.8									
2.0H	+ 0.1 / - 0.3					+ 5.3 / - 6.6									

CIE Pub.117, 250.9 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -4.8)
Area: 0.0032 m2

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γ Range: 0 - 180DEG
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Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity:52.2%
Test Distance:1.157m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

NAME: 180方形嵌墙感应太阳能灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:B2023110601
MFR.:	SUR.:	Shielding Angle:

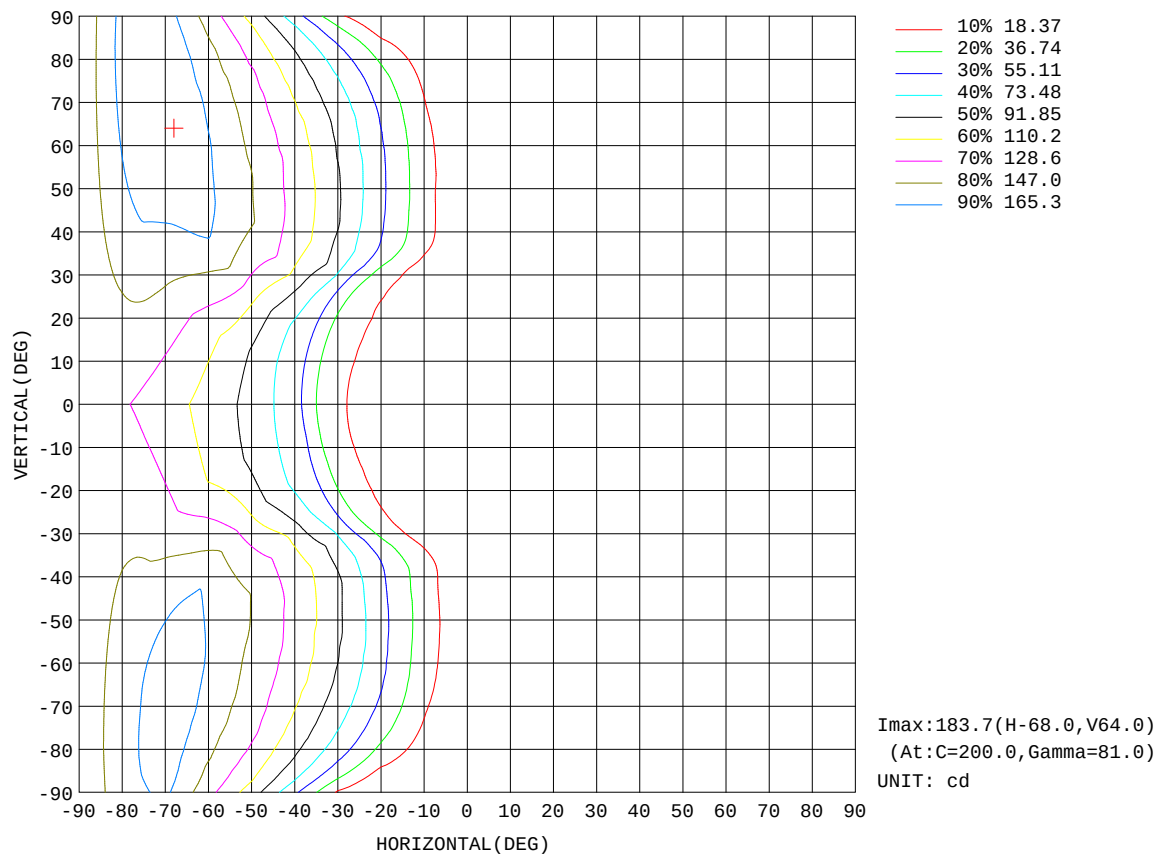
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	36	21	12	35	21	12	34	20	12	4
0.80	45	28	18	43	28	18	41	27	17	8
1.00	52	35	24	50	34	24	47	37	23	13
1.25	59	42	31	57	41	30	53	39	30	19
1.50	65	48	37	62	47	36	58	45	35	23
2.00	73	58	46	71	56	46	66	53	44	32
2.50	79	65	53	76	63	52	71	59	50	38
3.00	84	70	60	81	68	58	75	65	56	43
4.00	90	78	69	87	76	67	81	72	64	51
5.00	94	84	75	91	81	73	84	77	70	56
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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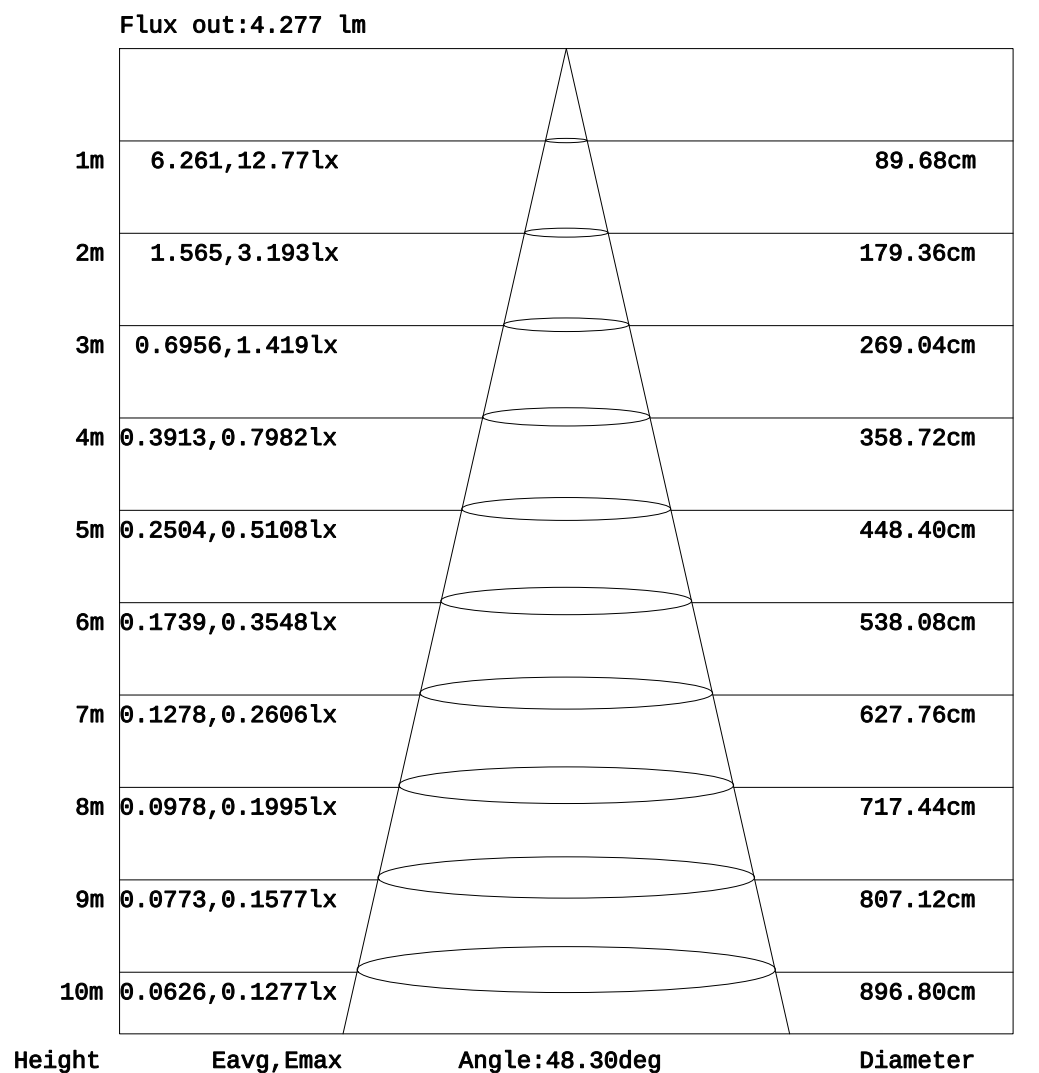


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AAI Figure

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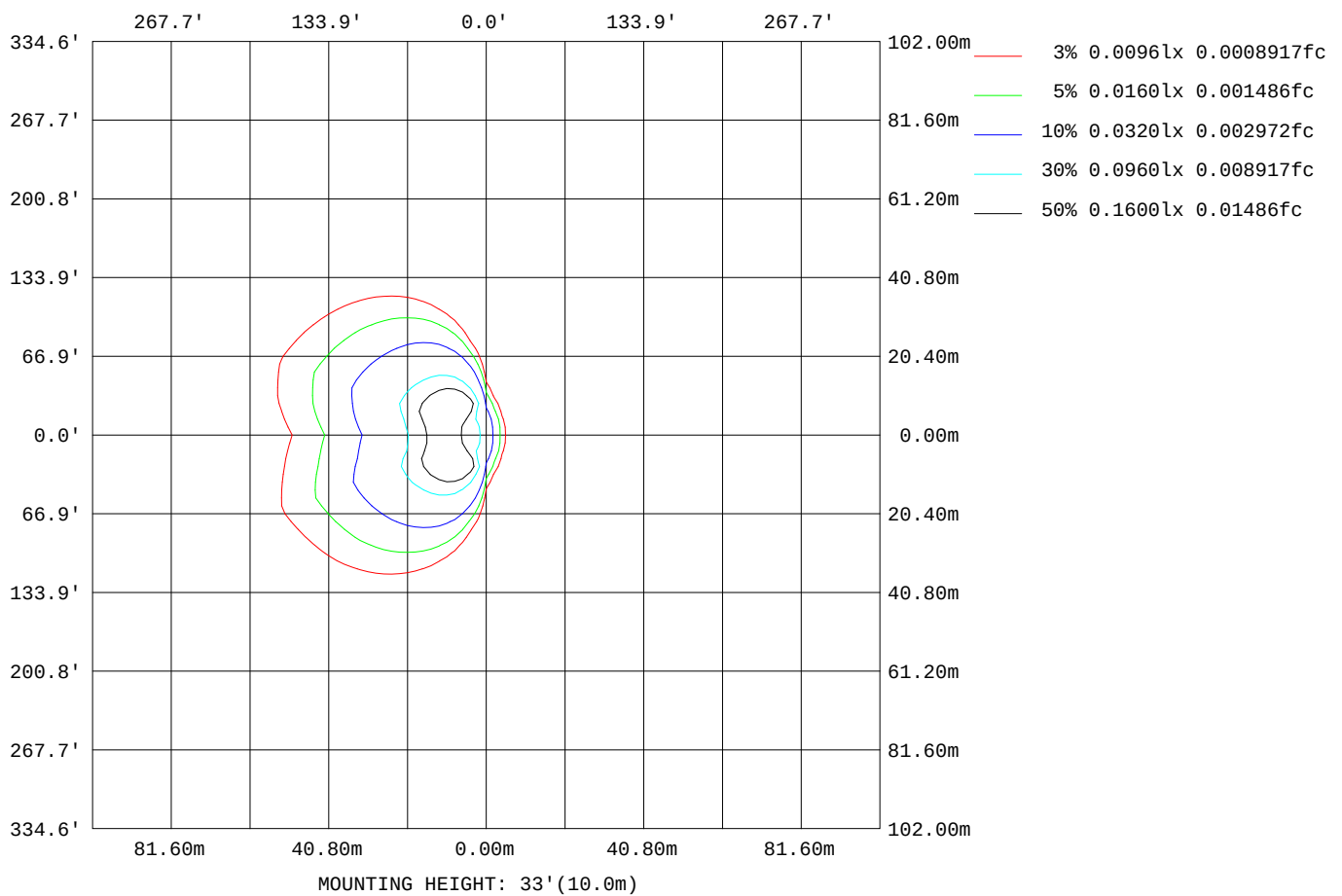
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity:52.2%
Test Distance:1.157m [K=1.0000]
Remarks:

LED Avg.L Report

NAME: 180方形嵌墙感应太阳能灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:B2023110601
MFR.:	SUR.:	Shielding Angle:

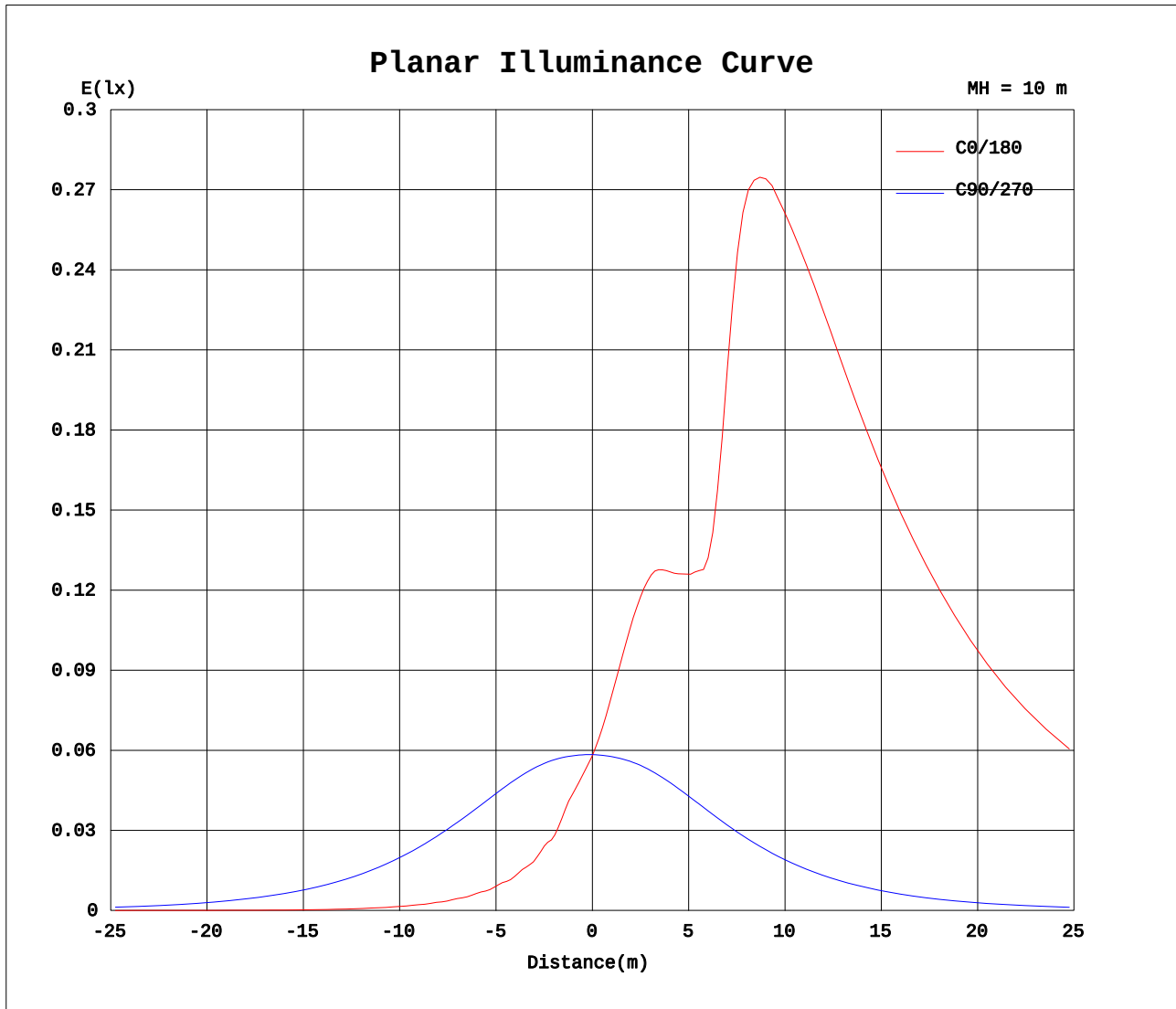
AvgL	cd/m2
L_0~180(65)av	41071
L_0~180(75)av	75574
L_0~180(85)av	236457
L_90~270(65)av	2232
L_90~270(75)av	1202
L_90~270(85)av	702
L_45(65)av	44937
L_45(75)av	72556
L_45(85)av	188124

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:YT
Test Date:2023-11-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity:52.2%
Test Distance:1.157m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: YT
 Test Date: 2023-11-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
 Humidity: 52.2%
 Test Distance: 1.157m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: 180方形嵌墙感应太阳能灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:B2023110601
MFR.:	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	5.81	5.81	5.81	5.81	5.82	5.82	5.83	5.83	5.84	5.84	5.85	5.86	5.86	5.87	5.87	5.87	5.87	5.87	5.81
5	4.62	4.63	4.69	4.77	4.90	5.05	5.23	5.43	5.64	5.88	6.16	6.47	6.79	7.10	7.37	7.61	7.78	7.89	7.81
10	3.28	3.32	3.47	3.70	4.04	4.36	4.68	5.07	5.50	5.97	6.58	7.30	8.06	8.79	9.43	9.97	10.4	10.6	10.6
15	2.46	2.50	2.63	2.78	2.91	3.41	4.13	4.70	5.34	6.06	7.05	8.26	9.54	10.7	11.8	12.6	13.1	13.4	13.4
20	1.86	1.89	1.94	2.09	2.38	2.79	3.27	4.33	5.14	6.12	7.52	9.25	11.1	12.6	13.9	14.7	15.2	15.4	15.4
25	1.41	1.42	1.45	1.62	1.91	2.16	2.77	3.67	4.89	6.13	7.99	10.3	12.6	14.5	15.8	16.6	16.9	17.0	16.9
30	1.07	1.08	1.12	1.29	1.45	1.81	2.23	2.97	4.59	6.10	8.61	11.8	14.8	17.2	18.9	19.8	20.0	19.9	19.7
35	0.83	0.84	0.87	1.02	1.14	1.41	1.85	2.64	4.25	6.02	12.4	21.1	27.9	30.5	32.3	34.9	38.0	38.3	36.9
40	0.61	0.64	0.69	0.78	0.90	1.09	1.42	2.09	3.70	5.87	17.1	34.4	50.8	62.6	62.6	60.7	60.8	62.2	60.9
45	0.44	0.45	0.52	0.58	0.69	0.86	1.16	1.69	3.01	5.61	19.1	39.6	61.2	80.4	91.5	82.4	74.2	74.3	73.9
50	0.30	0.32	0.37	0.44	0.54	0.66	0.91	1.29	2.35	5.24	21.0	44.9	69.1	93.6	109	110	89.6	85.7	85.1
55	0.19	0.20	0.25	0.30	0.37	0.49	0.67	1.00	1.89	4.70	22.0	48.4	75.8	101	121	128	112	96.3	94.9
60	0.12	0.13	0.16	0.19	0.26	0.34	0.48	0.73	1.29	3.97	22.3	50.6	80.3	107	127	142	134	106	104
65	0.10	0.10	0.12	0.14	0.17	0.22	0.33	0.50	0.92	3.05	21.5	51.1	81.4	110	132	151	153	117	111
70	0.11	0.11	0.11	0.10	0.10	0.13	0.19	0.32	0.60	1.97	19.3	49.0	79.7	110	134	154	166	131	118
75	0.14	0.14	0.14	0.12	0.10	0.07	0.09	0.17	0.36	0.94	15.4	43.3	74.9	106	134	157	176	143	125
80	0.17	0.17	0.17	0.15	0.12	0.09	0.06	0.04	0.17	0.54	8.86	33.4	66.2	99.9	131	155	180	153	130
85	0.18	0.19	0.18	0.17	0.14	0.11	0.07	0.04	0.02	0.16	1.30	15.5	49.1	86.8	122	150	178	159	132
90	0.18	0.18	0.17	0.16	0.14	0.11	0.08	0.05	0.03	0.01	0.08	0.77	16.0	58.6	101	135	169	158	130
95	0.19	0.18	0.17	0.16	0.14	0.11	0.08	0.05	0.03	0.01	0.00	0.00	0.20	2.11	22.5	27.4	15.7	35.5	60.3
100	0.19	0.18	0.17	0.16	0.15	0.12	0.09	0.06	0.03	0.02	0.01	0.00	0.00	0.03	0.11	0.97	1.96	2.02	2.51
105	0.19	0.18	0.16	0.16	0.14	0.12	0.09	0.06	0.04	0.02	0.01	0.00	0.00	0.00	0.00	0.01	0.03	0.03	0.02
110	0.18	0.17	0.16	0.15	0.14	0.11	0.09	0.06	0.04	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.18	0.16	0.15	0.14	0.13	0.11	0.08	0.06	0.04	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.17	0.15	0.14	0.13	0.12	0.10	0.07	0.05	0.04	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.15	0.14	0.13	0.12	0.10	0.09	0.07	0.05	0.04	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.13	0.12	0.11	0.10	0.09	0.08	0.06	0.05	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.12	0.11	0.10	0.09	0.08	0.06	0.05	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.10	0.09	0.09	0.08	0.06	0.05	0.04	0.04	0.03	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
145	0.08	0.08	0.07	0.06	0.05	0.04	0.04	0.03	0.03	0.02	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00
150	0.07	0.06	0.06	0.05	0.04	0.04	0.03	0.03	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00
155	0.05	0.05	0.04	0.04	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00
160	0.04	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01
165	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01
170	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01
175	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01
180	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:YT
Test Date:2023-11-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity:52.2%
Test Distance:1.157m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: 180方形嵌墙感应太阳能灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:B2023110601
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(°)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
γ (°)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	5.81	5.81	5.81	5.82	5.82	5.83	5.83	5.84	5.84	5.85	5.86	5.86	5.87	5.87	5.87	5.87	5.87		
5	7.77	7.66	7.49	7.27	7.00	6.71	6.41	6.12	5.85	5.63	5.43	5.23	5.07	4.92	4.81	4.73	4.68		
10	10.5	10.2	9.82	9.28	8.63	7.92	7.18	6.48	5.90	5.46	5.04	4.68	4.37	4.03	3.72	3.50	3.37		
15	13.3	13.0	12.4	11.6	10.6	9.35	8.10	6.92	5.97	5.28	4.67	4.09	3.39	2.91	2.77	2.65	2.53		
20	15.4	15.2	14.7	13.8	12.5	10.9	9.08	7.36	6.01	5.07	4.28	3.22	2.77	2.37	2.04	1.94	1.90		
25	17.0	16.9	16.5	15.7	14.3	12.4	10.1	7.77	6.00	4.81	3.57	2.76	2.14	1.91	1.63	1.45	1.42		
30	19.7	19.7	19.6	18.9	17.0	14.5	11.5	8.26	5.95	4.51	2.90	2.20	1.80	1.45	1.30	1.13	1.09		
35	36.3	34.3	31.6	29.5	27.5	24.1	18.8	10.8	5.83	4.14	2.59	1.85	1.41	1.14	1.03	0.88	0.84		
40	59.7	59.6	59.8	61.6	60.5	49.0	31.9	15.5	5.65	3.51	2.04	1.42	1.10	0.91	0.79	0.69	0.64		
45	73.7	75.7	85.6	93.2	78.5	59.4	37.9	17.4	5.39	2.84	1.70	1.17	0.87	0.70	0.59	0.53	0.45		
50	87.6	94.9	114	109	91.8	67.4	42.6	18.8	5.03	2.32	1.29	0.93	0.67	0.55	0.45	0.37	0.33		
55	101	119	133	120	101	73.6	46.1	20.0	4.53	1.85	1.02	0.70	0.52	0.38	0.31	0.25	0.21		
60	113	144	145	127	106	78.2	48.5	20.2	3.84	1.31	0.76	0.50	0.36	0.26	0.20	0.15	0.13		
65	127	160	152	132	109	79.8	49.1	19.6	2.99	0.95	0.53	0.34	0.22	0.16	0.11	0.08	0.07		
70	142	173	157	134	109	79.6	47.5	17.6	1.99	0.65	0.35	0.20	0.12	0.07	0.05	0.05	0.05		
75	156	180	159	133	106	74.9	42.8	14.3	1.05	0.41	0.19	0.09	0.04	0.05	0.06	0.06	0.07		
80	167	184	159	130	99.0	66.6	34.4	8.90	0.62	0.20	0.05	0.03	0.05	0.07	0.08	0.08	0.10		
85	172	182	153	122	87.7	51.8	19.0	1.25	0.23	0.02	0.03	0.05	0.06	0.08	0.09	0.10	0.12		
90	171	174	139	104	63.2	21.7	1.32	0.16	0.01	0.02	0.04	0.06	0.08	0.10	0.11	0.12	0.14		
95	99.4	74.1	42.8	7.47	13.0	0.38	0.04	0.00	0.01	0.03	0.04	0.07	0.09	0.12	0.13	0.14	0.16		
100	3.08	2.01	0.73	0.19	0.06	0.00	0.00	0.01	0.02	0.03	0.05	0.08	0.10	0.13	0.15	0.16	0.18		
105	0.03	0.03	0.02	0.00	0.00	0.00	0.00	0.01	0.02	0.03	0.06	0.08	0.11	0.15	0.16	0.18	0.19		
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.04	0.06	0.09	0.12	0.15	0.17	0.18	0.20		
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.04	0.06	0.09	0.12	0.15	0.17	0.18	0.19		
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.04	0.06	0.09	0.12	0.14	0.15	0.16	0.17		
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.04	0.06	0.08	0.10	0.12	0.13	0.14	0.15		
130	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.10	0.11	0.11	0.12		
135	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.03	0.05	0.06	0.07	0.08	0.08	0.09	0.09		
140	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.07		
145	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.03	0.03	0.04	0.04	0.05	0.05	0.05	0.06		
150	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.03	0.04	0.04	0.04	0.04		
155	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03		
160	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02		
165	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02		
170	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		
175	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		
180	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: YT
 Test Date: 2023-11-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
 Humidity: 52.2%
 Test Distance: 1.157m [K=1.0000]
 Remarks: