

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

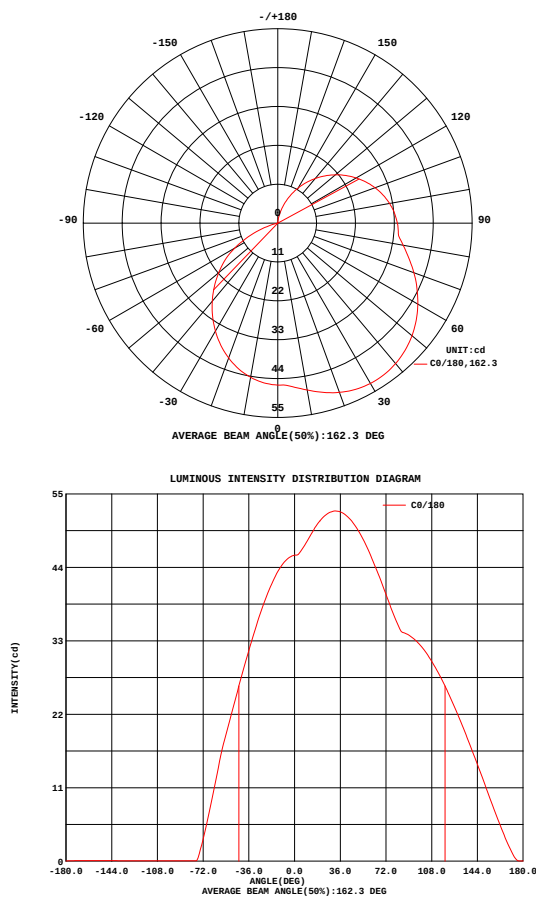


Fig. C0/C180

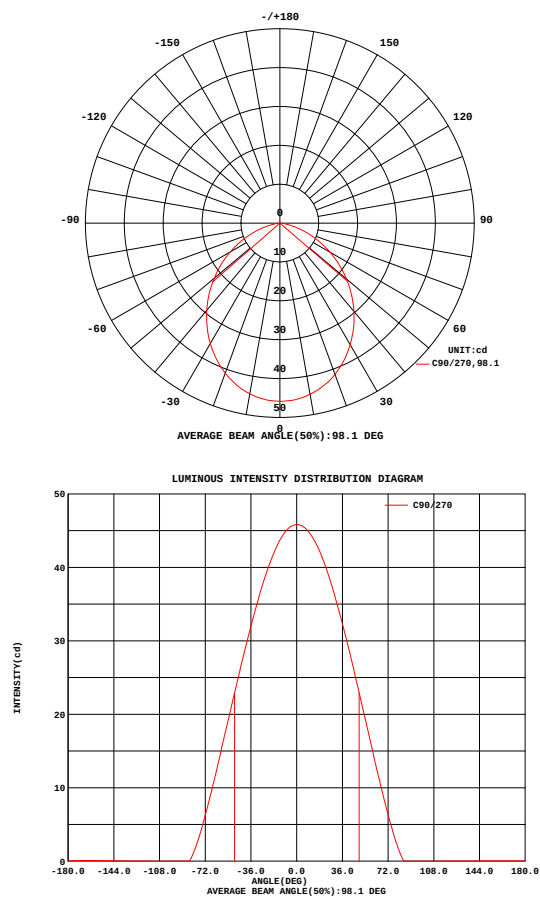


Fig. C90/C270

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: YT
Test Date: 2023-12-15

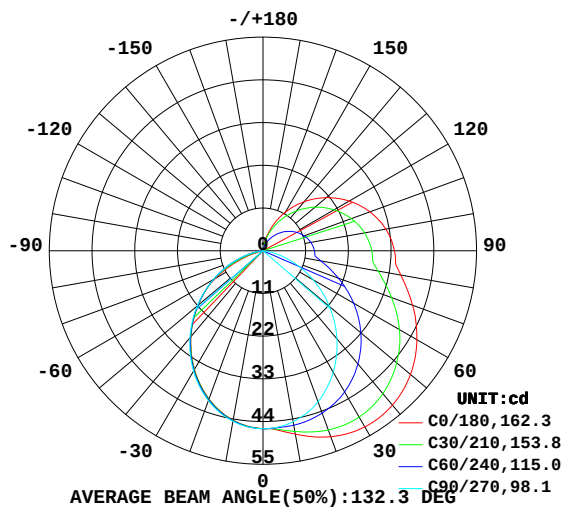
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity: 52.2%
Test Distance: 1.200m [K=0.9640]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

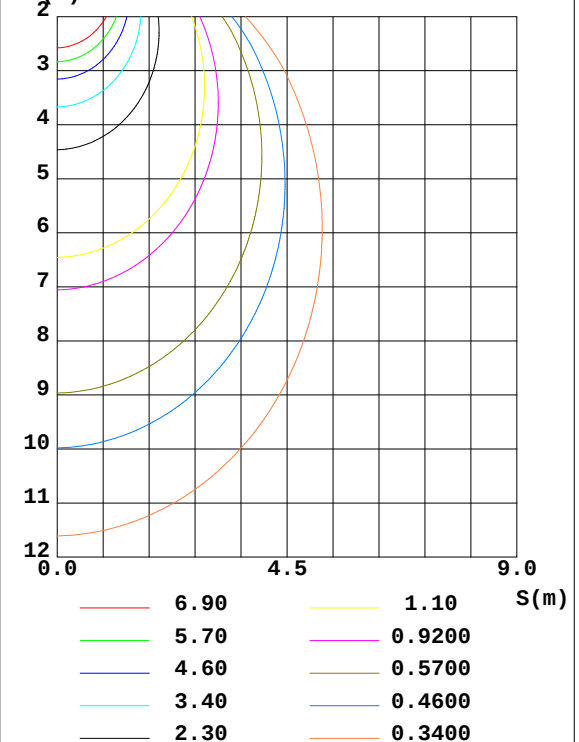
NAME: 100正方体可转向单头混动LED感应太阳能灯	TYPE: 6993801118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: B2023121601
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 42.71 lm/W
MODEL		I _{max} (cd)	52.44	S/MH(C0/180)	1.70	
NOMINAL POWER(W)	4.6	LOR(%)	100.0	S/MH(C90/270)	1.18	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	196.47	η UP, DN(C0-180)	9.4, 38.1	
NOMINAL FLUX(lm)	196.467	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	11.6, 40.9	
LAMPS INSIDE	1	η up(%)	21.0	CIBSE SHR NOM	1.50	
TEST VOLTAGE(V)	230.575	η down(%)	79.0	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: 25.1DEG
 Operators: YT
 Test Date: 2023-12-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
 Humidity: 52.2%
 Test Distance: 1.200m [K=0.9640]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

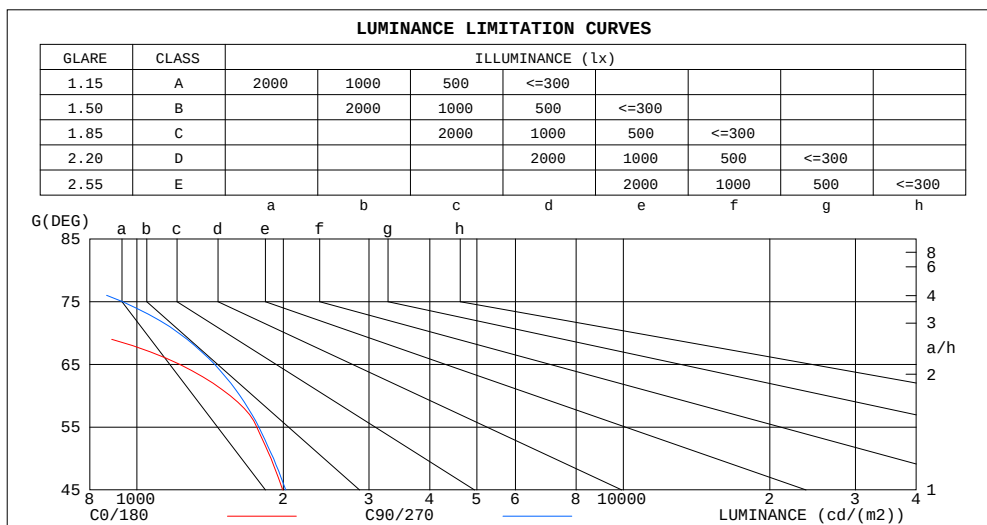
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	44.30	44.40	44.58	46.47	47.93	46.48	44.70	44.51	0- 10	4.354	4.354	2.22, 2.22
20	40.63	40.78	41.08	46.85	50.95	46.96	41.41	41.09	10- 20	12.65	17.00	8.66, 8.66
30	35.30	35.46	35.78	45.84	52.38	46.00	36.14	35.79	20- 30	19.48	36.49	18.6, 18.6
40	28.86	28.99	29.27	43.23	51.87	43.50	29.63	29.30	30- 40	23.89	60.37	30.7, 30.7
50	21.83	21.89	22.09	39.20	49.58	39.56	22.38	22.16	40- 50	25.39	85.77	43.7, 43.7
60	14.00	14.60	14.66	34.06	45.75	34.40	14.86	14.78	50- 60	23.99	109.8	55.9, 55.9
70	4.861	7.002	7.498	28.32	40.98	28.64	7.650	7.178	60- 70	19.90	129.7	66, 66
80	0.0582	1.430	1.698	23.08	36.03	23.32	1.765	1.526	70- 80	14.48	144.1	73.4, 73.4
90	0.0557	0.0356	0.0105	21.17	33.84	21.32	0.0099	0.0340	80- 90	11.02	155.1	79, 79
100	0.0553	0.0370	0.0137	20.04	32.13	20.20	0.0135	0.0381	90-100	10.34	165.5	84.2, 84.2
110	0.0540	0.0374	0.0175	18.20	29.31	18.37	0.0185	0.0414	100-110	9.308	174.8	89, 89
120	0.0556	0.0412	0.0242	15.82	25.62	15.95	0.0245	0.0430	110-120	7.773	182.6	92.9, 92.9
130	0.0616	0.0490	0.0353	12.95	21.29	13.07	0.0310	0.0444	120-130	5.956	188.5	96, 96
140	0.0722	0.0614	0.0514	9.776	16.51	9.866	0.0383	0.0474	130-140	4.092	192.6	98, 98
150	0.0847	0.0784	0.0726	6.451	11.43	6.586	0.0466	0.0523	140-150	2.409	195.0	99.3, 99.3
160	0.0934	0.0934	0.0920	3.261	6.325	3.605	0.0542	0.0572	150-160	1.110	196.1	99.8, 99.8
170	0.0840	0.0883	0.0920	0.6211	1.802	0.9449	0.0524	0.0517	160-170	0.3127	196.4	100, 100
180	0.0414	0.0405	0.0407	0.0423	0.0434	0.0426	0.0430	0.0443	170-180	0.0198	196.5	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:YT
Test Date:2023-12-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity:52.2%
Test Distance:1.200m [K=0.9640]
Remarks:

LUMINANCE LIMITATION CURVES

NAME: 100正方体可转向单头混动LED感应太阳能灯	TYPE: 6993801118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: B2023121601
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	36	8
80	19	543
75	245	934
70	790	1218
65	1224	1445
60	1556	1629
55	1764	1781
50	1887	1910
45	1994	2023

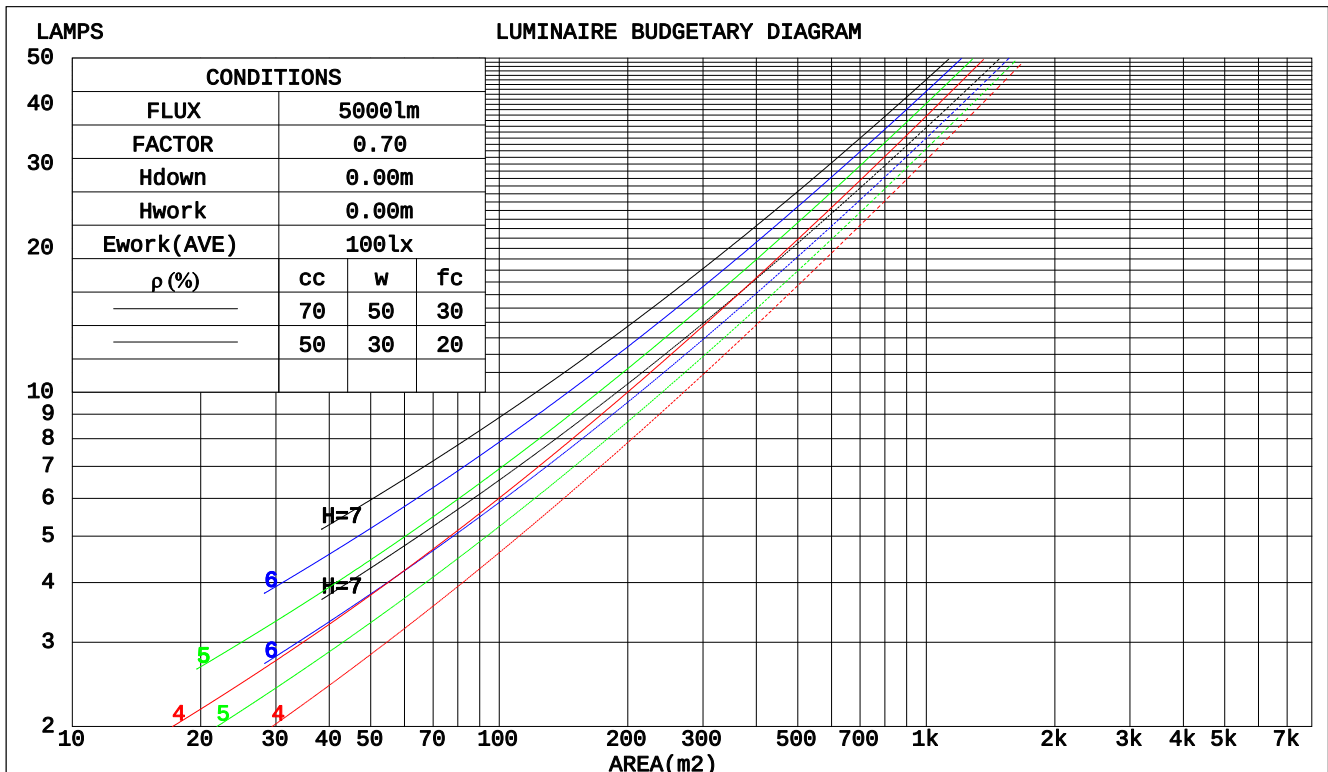
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: YT
Test Date: 2023-12-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity: 52.2%
Test Distance: 1.200m [K=0.9640]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: 100正方体可转向单头混动LED感应太阳能灯	TYPE:6993801118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:B2023121601
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	1.14	1.14	1.14	1.09	1.09	1.09	.99	.99	.99	.91	.91	.91	.83	.83	.83	.79
1.0	.97	.92	.87	.92	.88	.84	.84	.81	.77	.77	.74	.71	.70	.68	.66	.62
2.0	.83	.76	.70	.80	.73	.67	.73	.67	.63	.66	.62	.58	.60	.57	.54	.50
3.0	.73	.64	.57	.69	.62	.55	.63	.57	.52	.58	.53	.48	.53	.49	.45	.42
4.0	.64	.55	.48	.61	.53	.47	.56	.49	.44	.51	.46	.41	.47	.42	.38	.35
5.0	.57	.48	.41	.55	.46	.40	.50	.43	.38	.46	.40	.35	.42	.37	.33	.30
6.0	.51	.42	.36	.49	.41	.35	.45	.38	.33	.41	.35	.31	.38	.33	.29	.26
7.0	.46	.37	.31	.44	.36	.30	.41	.34	.29	.38	.32	.27	.35	.29	.25	.23
8.0	.42	.33	.28	.40	.32	.27	.37	.30	.25	.34	.28	.24	.32	.27	.23	.21
9.0	.38	.30	.25	.37	.29	.24	.34	.27	.23	.32	.26	.22	.29	.24	.20	.18
10.0	.35	.27	.22	.34	.27	.22	.32	.25	.21	.29	.24	.20	.27	.22	.19	.17



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: YT
 Test Date: 2023-12-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
 Humidity: 52.2%
 Test Distance: 1.200m [K=0.9640]
 Remarks:

WEC AND CCEC

NAME: 100正方体可转向单头混动LED感应太阳能灯	TYPE:6993801118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:B2023121601
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	.352	.200	.063	.339	.193	.061	.314	.180	.057	.290	.167	.054	.269	.156	.050		
2.0	.311	.171	.052	.299	.165	.051	.276	.154	.048	.255	.143	.045	.236	.133	.042		
3.0	.280	.149	.045	.269	.144	.043	.248	.135	.041	.229	.126	.039	.211	.117	.036		
4.0	.254	.132	.039	.244	.128	.038	.226	.120	.036	.208	.112	.034	.192	.104	.032		
5.0	.233	.119	.034	.224	.115	.033	.207	.108	.032	.191	.101	.030	.176	.094	.028		
6.0	.214	.107	.031	.206	.104	.030	.190	.098	.028	.176	.091	.027	.162	.085	.025		
7.0	.199	.098	.028	.191	.095	.027	.177	.089	.026	.163	.084	.024	.150	.078	.023		
8.0	.185	.090	.025	.178	.088	.025	.164	.082	.023	.152	.077	.022	.140	.072	.021		
9.0	.173	.083	.023	.166	.081	.023	.154	.076	.022	.142	.071	.020	.132	.067	.019		
10.0	.162	.078	.022	.156	.075	.021	.145	.071	.020	.134	.066	.019	.124	.062	.018		

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	.351	.351	.351	.300	.300	.300	.205	.205	.205	.118	.118	.118	.038	.038	.038	
1.0	.345	.317	.293	.295	.272	.252	.202	.187	.174	.116	.108	.101	.037	.035	.033	
2.0	.338	.294	.258	.289	.253	.223	.198	.175	.156	.114	.102	.091	.037	.033	.030	
3.0	.330	.278	.236	.283	.240	.205	.194	.167	.144	.112	.097	.085	.036	.032	.028	
4.0	.322	.265	.222	.277	.229	.193	.190	.160	.136	.110	.094	.080	.035	.030	.026	
5.0	.315	.256	.212	.270	.221	.184	.186	.154	.130	.108	.091	.077	.035	.030	.025	
6.0	.308	.248	.204	.265	.214	.178	.183	.150	.126	.106	.088	.075	.034	.029	.025	
7.0	.301	.241	.199	.259	.209	.173	.179	.146	.123	.104	.086	.073	.034	.028	.024	
8.0	.295	.235	.195	.254	.204	.170	.175	.143	.121	.102	.085	.072	.033	.028	.024	
9.0	.289	.231	.192	.249	.200	.167	.172	.141	.119	.100	.083	.071	.032	.027	.023	
10.0	.283	.227	.189	.244	.197	.165	.169	.138	.117	.099	.082	.070	.032	.027	.023	

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:YT
Test Date:2023-12-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity:52.2%
Test Distance:1.200m [K=0.9640]
Remarks:

UGR(Unified Glare Rating) Table

NAME: 100正方体可转向单头混动LED感应太阳能灯					TYPE:6993801118					WEIGHT:				
SPEC.:					DIM.:					SERIAL No.:B2023121601				
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					12.0	13.3	12.5	13.8	14.4	12.1	13.4	12.7	14.0	14.6
3H					12.5	13.7	13.1	14.3	14.9	13.1	14.3	13.7	14.9	15.5
4H					12.5	13.6	13.1	14.2	14.9	13.4	14.5	13.9	15.1	15.7
6H					12.3	13.4	12.9	14.0	14.7	13.4	14.4	14.0	15.1	15.8
8H					12.2	13.3	12.9	13.9	14.6	13.3	14.4	14.0	15.0	15.7
12H					12.2	13.2	12.8	13.8	14.5	13.3	14.2	13.9	14.9	15.6
4H 2H					12.4	13.5	12.9	14.1	14.7	12.5	13.6	13.1	14.2	14.9
3H					13.0	14.0	13.6	14.6	15.3	13.6	14.6	14.2	15.2	15.9
4H					13.0	13.9	13.6	14.5	15.3	13.9	14.8	14.6	15.4	16.2
6H					12.8	13.6	13.5	14.3	15.1	14.0	14.8	14.7	15.5	16.3
8H					12.7	13.5	13.4	14.2	15.0	14.0	14.7	14.6	15.4	16.2
12H					12.7	13.4	13.4	14.1	14.9	13.9	14.6	14.6	15.3	16.1
8H 4H					13.0	13.7	13.7	14.4	15.2	13.8	14.6	14.5	15.3	16.1
6H					12.8	13.5	13.6	14.2	15.0	14.0	14.6	14.7	15.3	16.2
8H					12.8	13.3	13.5	14.1	14.9	14.0	14.5	14.7	15.3	16.1
12H					12.7	13.2	13.5	14.0	14.9	13.9	14.4	14.7	15.1	16.0
12H 4H					12.9	13.6	13.6	14.3	15.1	13.8	14.5	14.5	15.2	16.0
6H					12.8	13.4	13.5	14.1	15.0	13.9	14.5	14.7	15.2	16.1
8H					12.7	13.2	13.5	14.0	14.9	13.9	14.4	14.7	15.2	16.1
Variations with the observer position at spacings:														
S = 1.0H					+ 0.3 / - 0.4					+ 0.3 / - 0.4				
1.5H					+ 0.3 / - 0.5					+ 0.2 / - 0.4				
2.0H					+ 0.6 / - 0.7					+ 0.5 / - 0.5				

CIE Pub.117, 196.5 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -5.7)
Area: 0.018 m2

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:YT
Test Date:2023-12-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity:52.2%
Test Distance:1.200m [K=0.9640]
Remarks:

UTILIZATION FACTORS TABLE

NAME: 100正方体可转向单头混动LED感应太阳能灯	TYPE:6993801118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:B2023121601
MFR.:	SUR.:	Shielding Angle:

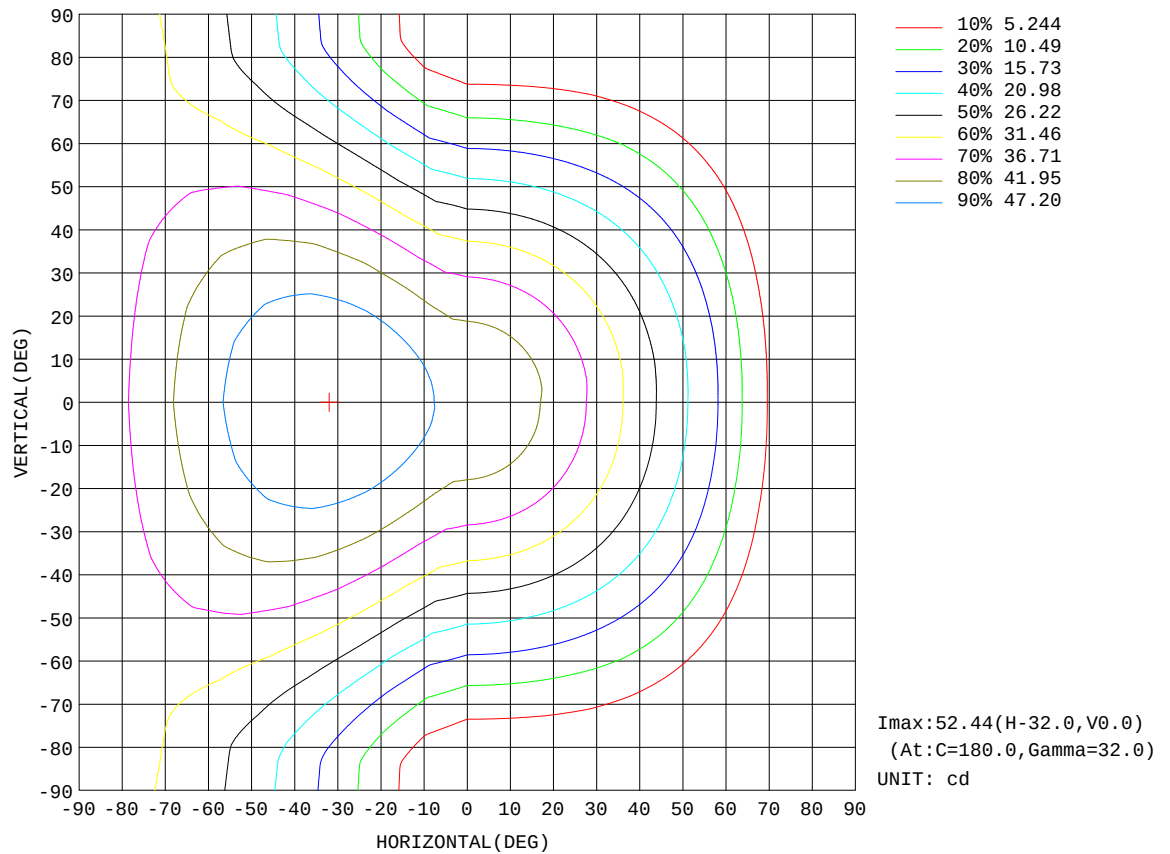
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) × RCR = 5									
k = 0.60	49	37	30	47	36	29	45	35	29	22
0.80	58	45	38	56	45	37	53	43	36	28
1.00	66	53	45	64	52	45	60	52	43	35
1.25	73	61	53	70	59	52	66	56	50	40
1.50	78	66	58	75	65	57	70	61	55	44
2.00	85	75	67	82	72	65	76	68	62	50
2.50	89	80	72	86	77	70	79	72	66	53
3.00	93	84	77	89	81	75	82	76	71	57
4.00	98	90	84	93	87	81	86	80	76	61
5.00	100	94	88	96	90	85	88	84	80	64
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNM = 1.25										

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:YT
Test Date:2023-12-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity:52.2%
Test Distance:1.200m [K=0.9640]
Remarks:

ISOCANDELA DIAGRAM

NAME: 100正方体可转向单头混动LED感应太阳能灯	TYPE: 6993801118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: B2023121601
MFR.:	SUR.:	Shielding Angle:

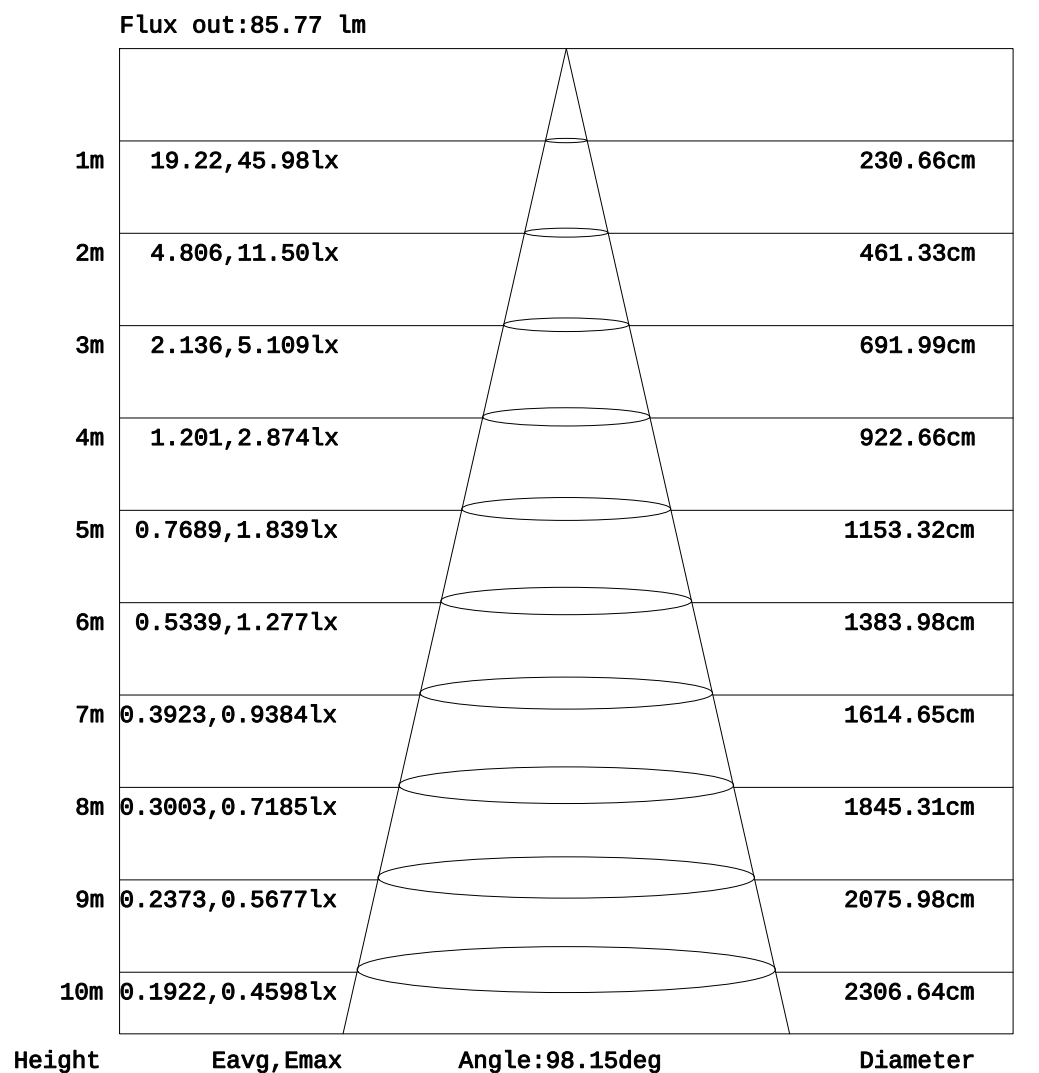


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: YT
Test Date: 2023-12-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity: 52.2%
Test Distance: 1.200m [K=0.9640]
Remarks:

AAI Figure

NAME: 100正方体可转向单头混动LED感应太阳能灯	TYPE: 6993801118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: B2023121601
MFR.:	SUR.:	Shielding Angle:



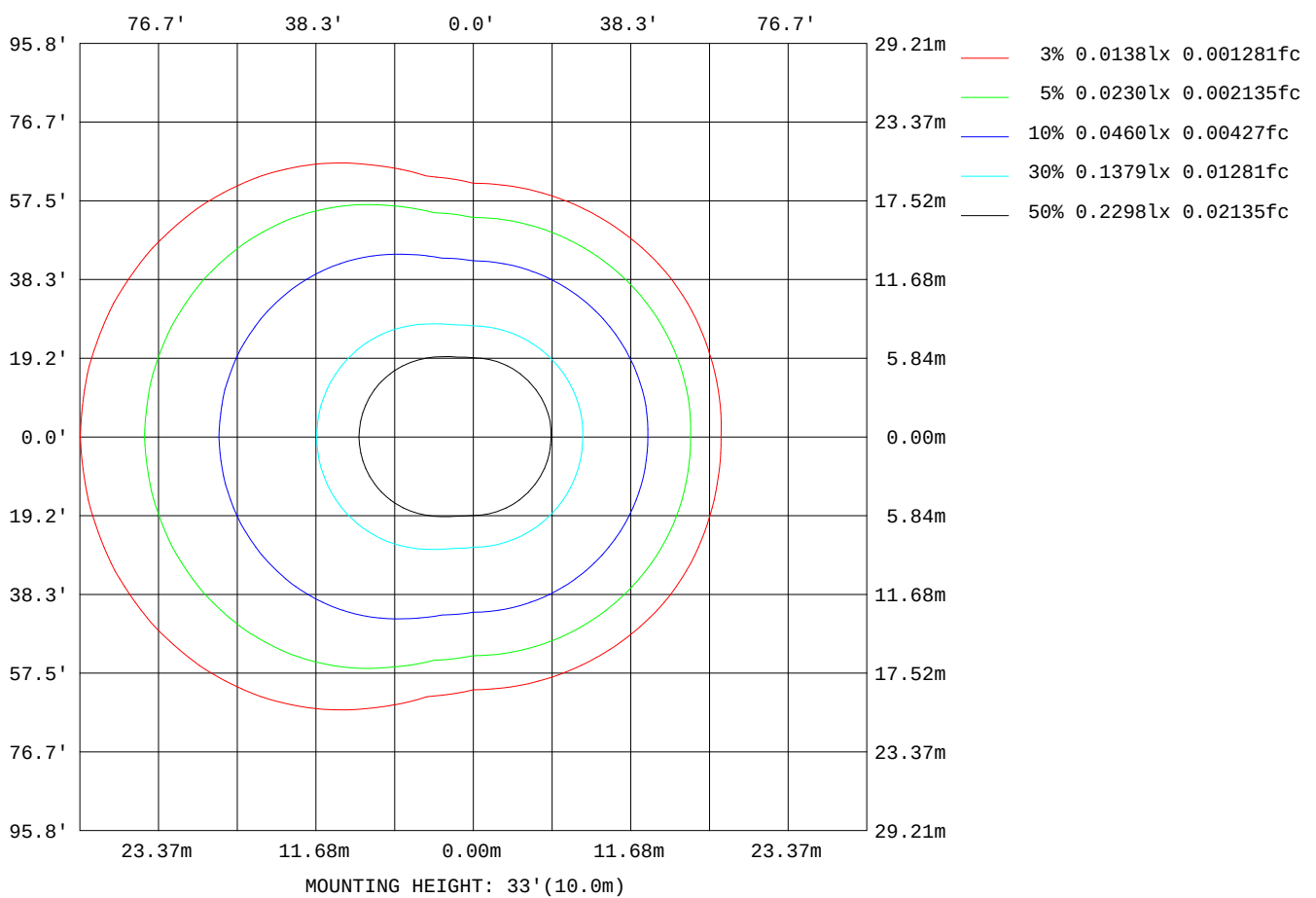
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: YT
 Test Date: 2023-12-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
 Humidity: 52.2%
 Test Distance: 1.200m [K=0.9640]
 Remarks:

ISOLUX DIAGRAM

NAME: 100正方体可转向单头混动LED感应太阳能灯	TYPE: 6993801118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: B2023121601
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: YT
 Test Date: 2023-12-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
 Humidity: 52.2%
 Test Distance: 1.200m [K=0.9640]
 Remarks:

LED Avg.L Report

NAME: 100正方体可转向单头混动LED感应太阳能灯	TYPE:6993801118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:B2023121601
MFR.:	SUR.:	Shielding Angle:

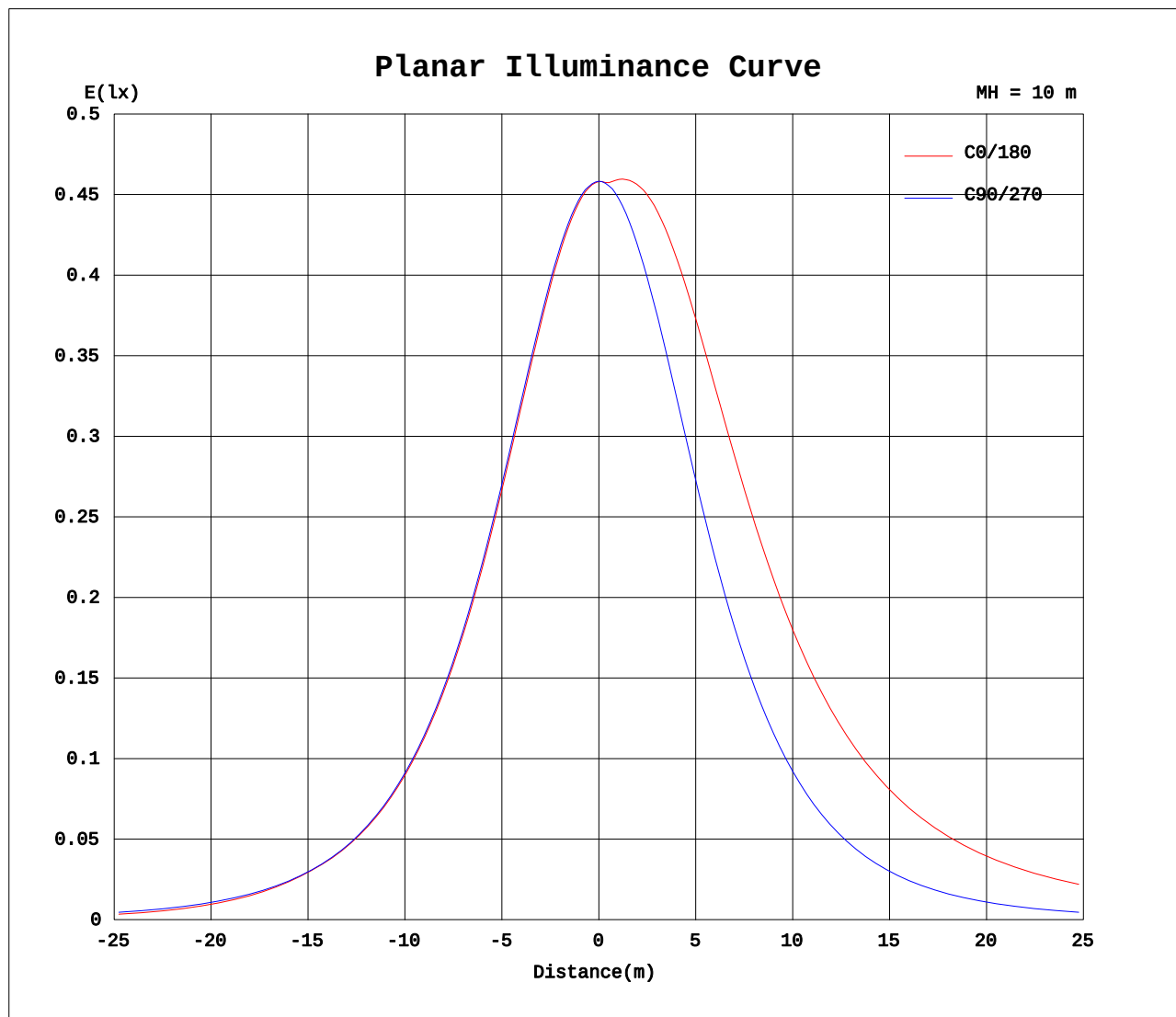
AvgL	cd/m2
L_0~180(65)av	3468
L_0~180(75)av	4247
L_0~180(85)av	10934
L_90~270(65)av	1456
L_90~270(75)av	949
L_90~270(85)av	7
L_45(65)av	2791
L_45(75)av	3172
L_45(85)av	6897

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:YT
Test Date:2023-12-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity:52.2%
Test Distance:1.200m [K=0.9640]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: YT
Test Date: 2023-12-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity: 52.2%
Test Distance: 1.200m [K=0.9640]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: 100正方可转向单头混动LED感应太阳能灯	TYPE:6993801118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:B2023121601
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(°)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
5	45.4	45.3	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.6	45.6	45.7	45.8	46.0	46.2	46.4	46.5	46.4
10	44.3	44.3	44.3	44.3	44.4	44.4	44.5	44.5	44.5	44.6	44.6	45.0	45.5	46.2	46.8	47.3	47.7	47.9	47.9
15	42.7	42.7	42.8	42.8	42.8	42.9	42.9	43.0	43.0	43.1	43.2	44.1	45.1	46.2	47.3	48.3	49.1	49.5	49.6
20	40.6	40.6	40.7	40.7	40.7	40.8	40.9	40.9	41.0	41.1	41.4	42.7	44.3	46.0	47.7	49.1	50.1	50.8	50.9
25	38.1	38.2	38.2	38.2	38.3	38.3	38.4	38.4	38.5	38.6	39.2	41.0	43.2	45.5	47.6	49.4	50.8	51.6	51.9
30	35.3	35.3	35.4	35.4	35.4	35.5	35.6	35.6	35.7	35.8	36.6	38.9	41.7	44.5	47.2	49.4	51.0	52.0	52.4
35	32.2	32.2	32.2	32.3	32.3	32.4	32.4	32.5	32.6	32.6	33.7	36.5	39.8	43.2	46.3	48.8	50.7	51.9	52.4
40	28.9	28.9	28.9	28.9	29.0	29.0	29.1	29.1	29.2	29.3	30.6	33.8	37.7	41.5	45.0	47.8	50.0	51.4	51.9
45	25.4	25.4	25.4	25.4	25.5	25.5	25.5	25.6	25.7	25.7	27.3	30.9	35.2	39.5	43.3	46.5	48.9	50.4	50.9
50	21.8	21.8	21.9	21.9	21.9	21.9	21.9	22.0	22.0	22.1	23.8	27.8	32.6	37.1	41.3	44.7	47.3	48.9	49.6
55	18.2	18.2	18.2	18.2	18.2	18.3	18.3	18.3	18.4	18.4	20.2	24.6	29.7	34.5	38.9	42.6	45.4	47.1	47.8
60	14.0	14.1	14.3	14.6	14.6	14.6	14.6	14.6	14.6	14.7	16.7	21.3	26.6	31.8	36.4	40.2	43.2	45.0	45.7
65	9.31	9.44	9.81	10.3	10.8	11.0	11.0	11.0	11.0	11.0	13.1	18.0	23.5	28.8	33.6	37.6	40.7	42.6	43.5
70	4.86	5.02	5.52	6.12	6.74	7.26	7.55	7.52	7.51	7.50	9.68	14.8	20.4	25.9	30.8	34.9	38.1	40.0	41.0
75	1.14	1.33	1.98	2.63	3.35	3.93	4.30	4.40	4.36	4.35	6.58	11.8	17.6	23.1	28.1	32.3	35.5	37.5	38.4
80	0.06	0.16	0.45	0.83	1.26	1.60	1.76	1.78	1.75	1.70	3.93	9.18	15.0	20.6	25.6	29.8	33.1	35.1	36.0
85	0.06	0.06	0.05	0.05	0.05	0.04	0.03	0.02	0.02	0.01	2.25	7.51	13.4	19.0	23.9	28.1	31.4	33.4	34.2
90	0.06	0.05	0.05	0.05	0.04	0.03	0.03	0.02	0.01	0.01	2.20	7.40	13.2	18.7	23.6	27.8	31.0	33.0	33.8
95	0.06	0.05	0.05	0.05	0.04	0.03	0.03	0.02	0.02	0.01	2.12	7.20	12.9	18.3	23.1	27.2	30.3	32.3	33.1
100	0.06	0.05	0.05	0.05	0.04	0.03	0.03	0.02	0.02	0.01	2.00	6.92	12.4	17.7	22.4	26.4	29.4	31.3	32.1
105	0.05	0.05	0.05	0.05	0.04	0.03	0.03	0.02	0.02	0.02	1.86	6.56	11.9	17.0	21.5	25.3	28.2	30.0	30.8
110	0.05	0.05	0.05	0.05	0.04	0.03	0.03	0.02	0.02	0.02	1.71	6.14	11.2	16.1	20.4	24.0	26.8	28.5	29.3
115	0.05	0.05	0.05	0.05	0.04	0.04	0.03	0.03	0.02	0.02	1.53	5.67	10.4	15.0	19.1	22.6	25.2	26.8	27.6
120	0.06	0.05	0.05	0.05	0.04	0.04	0.03	0.03	0.03	0.02	1.34	5.14	9.57	13.9	17.8	20.9	23.4	24.9	25.6
125	0.06	0.06	0.05	0.05	0.05	0.04	0.04	0.03	0.03	0.03	1.14	4.58	8.65	12.6	16.2	19.2	21.4	22.9	23.5
130	0.06	0.06	0.06	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.92	3.99	7.66	11.3	14.6	17.3	19.4	20.7	21.3
135	0.07	0.07	0.06	0.06	0.06	0.05	0.05	0.05	0.04	0.04	0.70	3.38	6.64	9.91	12.9	15.4	17.2	18.4	18.9
140	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.06	0.05	0.05	0.48	2.78	5.59	8.46	11.1	13.3	15.0	16.0	16.5
145	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.28	2.18	4.53	6.98	9.25	11.2	12.6	13.6	14.0
150	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.14	1.58	3.49	5.50	7.40	9.02	10.3	11.1	11.4
155	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.09	1.01	2.50	4.07	5.57	6.88	7.88	8.55	8.86
160	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.50	1.55	2.71	3.81	4.79	5.56	6.08	6.33
165	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.15	0.72	1.46	2.21	2.88	3.40	3.76	3.93
170	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.14	0.43	0.81	1.18	1.50	1.70	1.80
175	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.13	0.18	0.18
180	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:YT
Test Date:2023-12-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity:52.2%
Test Distance:1.200m [K=0.9640]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: 100正方可转向单头混动LED感应太阳能灯	TYPE:6993801118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:B2023121601
MFR.:	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	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8		
5	46.4	46.3	46.2	46.0	45.9	45.7	45.6	45.6	45.6	45.6	45.5	45.5	45.5	45.4	45.4	45.4	45.4		
10	47.9	47.6	47.3	46.8	46.2	45.6	45.1	44.8	44.7	44.7	44.6	44.6	44.5	44.5	44.5	44.4	44.4		
15	49.4	49.0	48.3	47.4	46.3	45.2	44.2	43.4	43.3	43.2	43.2	43.1	43.1	43.0	43.0	43.0	42.9		
20	50.8	50.2	49.1	47.8	46.2	44.5	43.0	41.7	41.4	41.3	41.3	41.2	41.1	41.1	41.0	41.0	40.9		
25	51.7	50.9	49.5	47.7	45.6	43.4	41.3	39.5	39.0	38.9	38.8	38.7	38.7	38.6	38.5	38.5	38.4		
30	52.0	51.1	49.5	47.3	44.7	42.0	39.2	37.0	36.1	36.1	36.0	35.9	35.8	35.8	35.7	35.7	35.6		
35	52.0	50.9	49.0	46.4	43.4	40.2	36.8	34.1	33.0	32.9	32.8	32.8	32.7	32.6	32.6	32.5	32.5		
40	51.5	50.2	48.0	45.2	41.9	38.0	34.2	31.0	29.6	29.5	29.5	29.4	29.3	29.3	29.2	29.2	29.2		
45	50.5	49.0	46.7	43.5	39.8	35.6	31.3	27.6	26.1	26.0	25.9	25.9	25.8	25.8	25.7	25.7	25.7		
50	49.1	47.5	44.9	41.6	37.5	32.9	28.2	24.1	22.4	22.3	22.3	22.2	22.2	22.1	22.1	22.1	22.1		
55	47.3	45.6	42.9	39.3	34.9	30.0	24.9	20.5	18.6	18.6	18.5	18.5	18.5	18.5	18.5	18.4	18.5		
60	45.2	43.4	40.6	36.7	32.1	26.9	21.6	16.9	14.9	14.8	14.8	14.8	14.8	14.8	14.8	14.6	14.3		
65	42.9	41.0	38.0	33.9	29.1	23.8	18.2	13.3	11.2	11.2	11.2	11.2	11.2	10.9	10.5	10.0	9.64		
70	40.4	38.4	35.2	31.1	26.2	20.7	15.0	9.87	7.65	7.66	7.68	7.71	7.43	6.93	6.31	5.71	5.22		
75	37.8	35.8	32.6	28.3	23.3	17.8	11.9	6.73	4.49	4.51	4.54	4.47	4.14	3.56	2.77	2.04	1.42		
80	35.4	33.3	30.1	25.8	20.8	15.2	9.31	4.05	1.77	1.79	1.83	1.82	1.68	1.37	0.91	0.50	0.18		
85	33.6	31.6	28.3	24.1	19.1	13.4	7.57	2.28	0.01	0.01	0.02	0.03	0.04	0.05	0.05	0.05	0.05		
90	33.2	31.2	28.0	23.8	18.8	13.3	7.46	2.23	0.01	0.01	0.02	0.02	0.03	0.04	0.04	0.05	0.05		
95	32.5	30.5	27.4	23.3	18.4	13.0	7.26	2.14	0.01	0.02	0.02	0.03	0.03	0.04	0.04	0.05	0.05		
100	31.5	29.6	26.6	22.6	17.8	12.5	6.98	2.03	0.01	0.02	0.02	0.03	0.03	0.04	0.05	0.05	0.05		
105	30.2	28.4	25.5	21.7	17.1	12.0	6.63	1.90	0.02	0.02	0.02	0.03	0.04	0.04	0.05	0.05	0.06		
110	28.7	27.0	24.2	20.6	16.2	11.3	6.21	1.74	0.02	0.02	0.03	0.03	0.04	0.04	0.05	0.05	0.06		
115	27.0	25.4	22.7	19.3	15.1	10.5	5.73	1.56	0.02	0.02	0.03	0.03	0.04	0.04	0.05	0.05	0.06		
120	25.1	23.6	21.1	17.9	14.0	9.67	5.21	1.37	0.02	0.03	0.03	0.04	0.04	0.05	0.05	0.05	0.06		
125	23.1	21.6	19.4	16.4	12.8	8.74	4.64	1.16	0.03	0.03	0.03	0.04	0.04	0.05	0.05	0.05	0.05		
130	20.9	19.6	17.5	14.7	11.4	7.75	4.04	0.95	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05		
135	18.5	17.4	15.5	13.0	10.0	6.72	3.42	0.72	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05		
140	16.1	15.1	13.4	11.2	8.54	5.65	2.80	0.51	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05		
145	13.7	12.7	11.3	9.35	7.07	4.60	2.20	0.31	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05		
150	11.2	10.4	9.16	7.54	5.63	3.58	1.65	0.16	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06		
155	8.66	8.04	7.06	5.78	4.28	2.68	1.16	0.09	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06		
160	6.21	5.79	5.09	4.15	3.06	1.89	0.78	0.06	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06		
165	3.90	3.66	3.21	2.62	1.91	1.15	0.42	0.06	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06		
170	1.81	1.68	1.45	1.13	0.76	0.37	0.08	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05		
175	0.18	0.15	0.10	0.06	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04		
180	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05		

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:YT
 Test Date:2023-12-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.362
 Humidity:52.2%
 Test Distance:1.200m [K=0.9640]
 Remarks: