

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

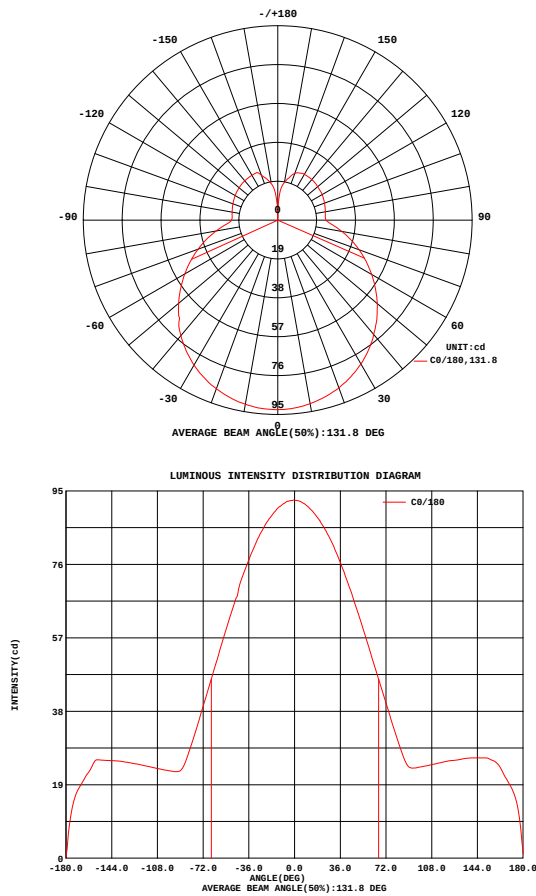


Fig. C0/C180

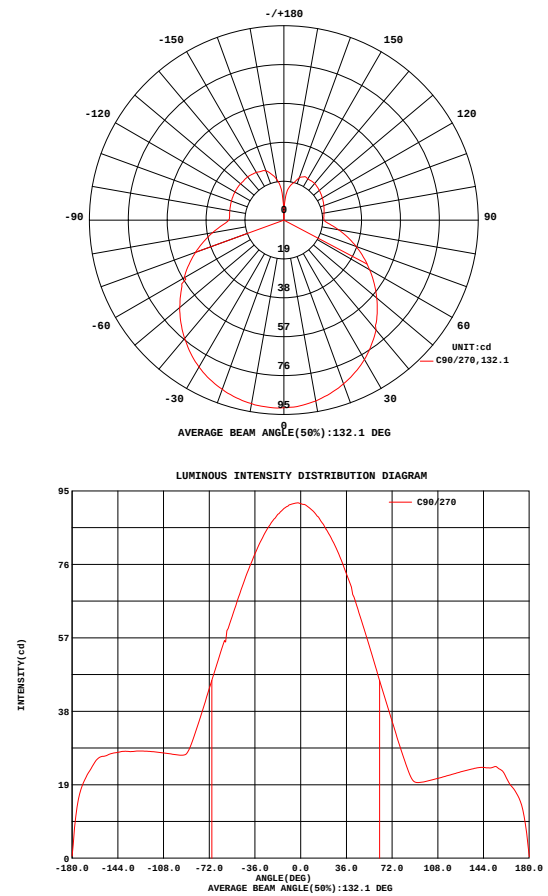


Fig. C90/C270

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-11-09

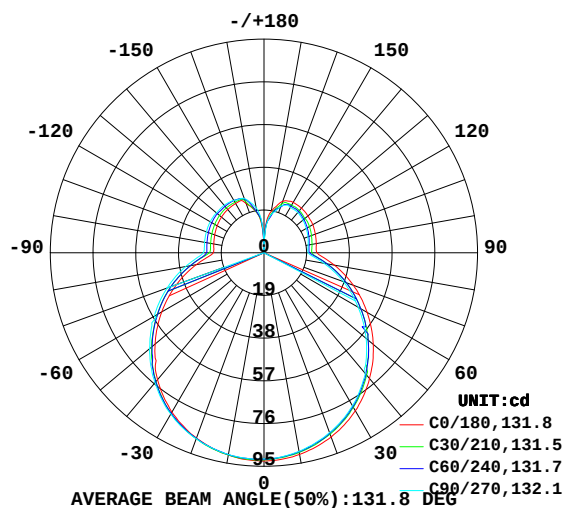
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity:65.0%
Test Distance:1.646m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

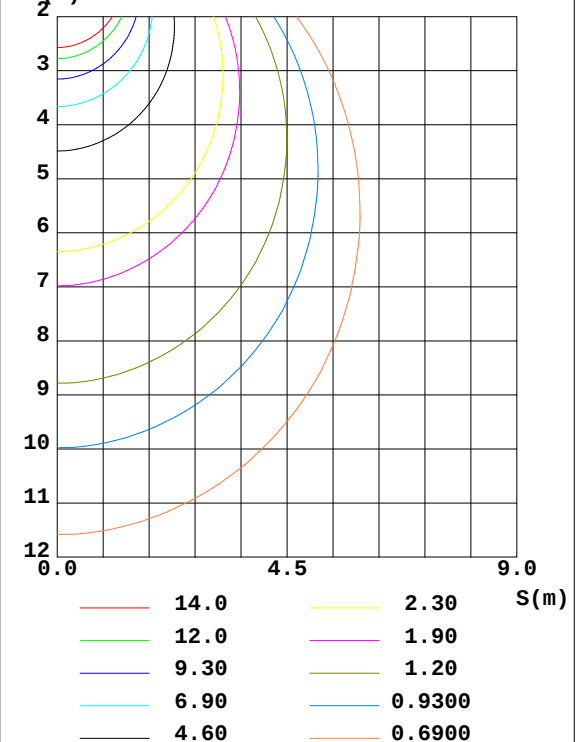
NAME: 金珀LED落地太阳能灯	TYPE: 6910901012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022112201
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 103.40 lm/W			
MODEL		Imax(cd)	92.62	S/MH(C0/180)	1.32
NOMINAL POWER(W)	4.74	LOR(%)	100.0	S/MH(C90/270)	1.35
RATED VOLTAGE(V)	2.951	TOTAL FLUX(lm)	490.11	η UP, DN(C0-180)	14.3, 33.4
NOMINAL FLUX(lm)	490.105	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	16.5, 35.8
LAMPS INSIDE	1	η up(%)	30.8	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	2.951	η down(%)	69.2	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: 2022-11-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
 Humidity: 65.0%
 Test Distance: 1.646m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

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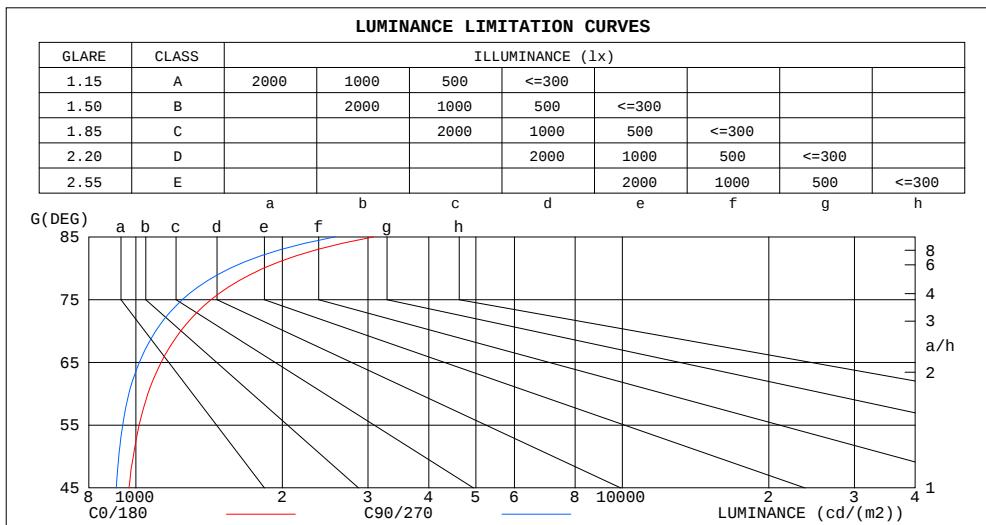
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	91.08	89.94	89.72	90.07	91.33	91.22	91.05	90.71	0- 10	8.710	8.710	1.78,1.78
20	87.29	85.52	85.12	85.95	87.78	87.99	88.00	87.34	10- 20	25.14	33.85	6.91,6.91
30	81.25	79.15	78.66	79.82	81.85	82.57	82.89	81.93	20- 30	38.81	72.66	14.8,14.8
40	72.97	70.62	70.12	71.40	73.70	74.81	75.48	74.28	30- 40	48.30	121.0	24.7,24.7
50	63.50	60.36	59.29	61.11	63.26	65.13	66.46	64.85	40- 50	52.50	173.5	35.4,35.4
60	52.94	49.58	48.36	50.23	52.44	54.72	56.27	54.74	50- 60	51.64	225.1	45.9,45.9
70	42.30	38.87	37.58	39.39	41.39	44.03	45.89	44.34	60- 70	46.62	271.7	55.4,55.4
80	31.77	28.40	27.13	28.76	30.61	33.33	35.38	34.00	70- 80	38.43	310.2	63.3,63.3
90	23.59	20.73	19.70	20.57	22.62	24.99	26.98	26.30	80- 90	28.95	339.1	69.2,69.2
100	23.64	20.97	19.96	20.53	22.69	24.96	26.86	26.47	90-100	25.12	364.2	74.3,74.3
110	24.34	21.81	20.81	21.27	23.35	25.54	27.30	26.99	100-110	24.91	389.1	79.4,79.4
120	25.07	22.76	21.75	22.16	24.07	26.12	27.65	27.42	110-120	24.06	413.2	84.3,84.3
130	25.51	23.59	22.66	23.04	24.70	26.55	27.67	27.63	120-130	22.31	435.5	88.9,88.9
140	25.94	23.87	23.41	23.73	25.15	26.44	27.61	27.47	130-140	19.60	455.1	92.9,92.9
150	25.92	24.09	23.35	24.22	25.33	26.54	26.97	26.87	140-150	15.98	471.1	96.1,96.1
160	24.36	22.47	22.08	23.31	23.35	24.49	25.65	25.05	150-160	11.57	482.7	98.5,98.5
170	18.71	16.48	16.80	16.87	17.99	18.34	20.28	18.39	160-170	6.030	488.7	99.7,99.7
180	1.184	0.6131	0.3952	0.6942	0.3206	0.4510	0.5752	0.4956	170-180	1.415	490.1	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:2022-11-09

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity:65.0%
Test Distance:1.646m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

NAME: 金珀LED落地太阳能灯	TYPE: 6910901012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022112201
MFR.: EVERFINE	SUR.:	Shielding Angle:



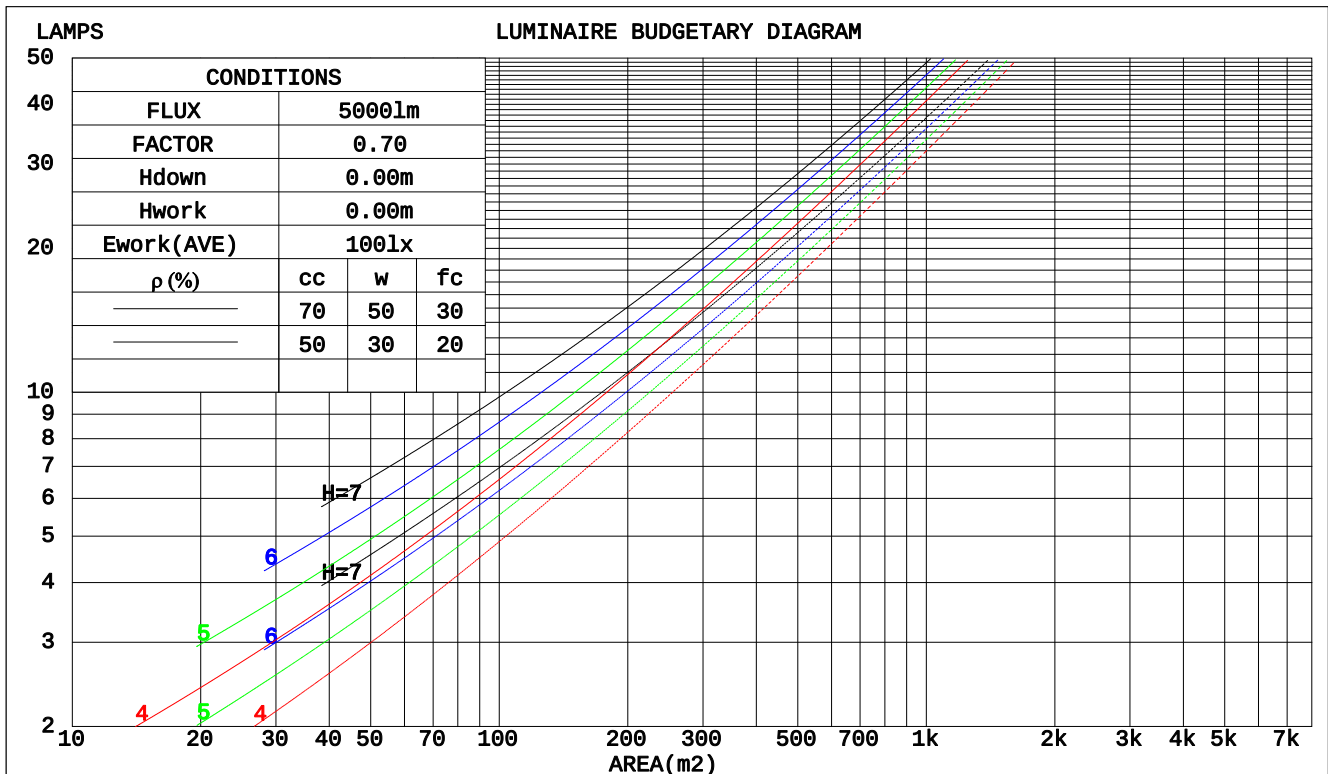
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Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity: 65.0%
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Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: 金珀LED落地太阳能灯	TYPE: 6910901012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022112201
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						Coefficients of Utilization(CU)									
0.0	1.12	1.12	1.12	1.06	1.06	1.06	.94	.94	.94	.83	.83	.83	.74	.74	.74	.69
1.0	.94	.89	.84	.89	.84	.80	.79	.75	.72	.69	.67	.64	.61	.59	.57	.53
2.0	.81	.73	.67	.76	.69	.64	.67	.62	.58	.60	.55	.52	.52	.49	.46	.42
3.0	.70	.61	.55	.66	.58	.52	.59	.52	.47	.52	.47	.43	.46	.42	.38	.35
4.0	.62	.52	.46	.58	.50	.44	.52	.45	.40	.46	.40	.36	.40	.36	.32	.29
5.0	.55	.45	.39	.52	.43	.37	.46	.39	.34	.41	.35	.31	.36	.31	.28	.25
6.0	.49	.40	.33	.46	.38	.32	.41	.34	.29	.37	.31	.27	.32	.28	.24	.21
7.0	.44	.35	.29	.42	.34	.28	.37	.31	.26	.33	.28	.23	.30	.25	.21	.19
8.0	.40	.31	.26	.38	.30	.25	.34	.27	.23	.30	.25	.21	.27	.22	.19	.17
9.0	.36	.28	.23	.35	.27	.22	.31	.25	.20	.28	.23	.19	.25	.20	.17	.15
10.0	.33	.26	.20	.32	.25	.20	.29	.23	.18	.26	.21	.17	.23	.19	.15	.13



C Range: 0 - 360DEG
 C Interval: 10.0DEG
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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: 1.646m [K=1.0000]
 Remarks:

WEC AND CCEC

NAME: 金珀LED落地太阳能灯	TYPE: 6910901012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022112201
MFR.: EVERFINE	SUR.:	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0	
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.360	.205	.065	.343	.196	.062	.312	.179	.057	.284	.164	.053	.258	.149	.048		
2.0	.315	.173	.053	.300	.165	.051	.272	.151	.047	.246	.138	.043	.222	.126	.040		
3.0	.282	.150	.045	.268	.144	.043	.243	.132	.040	.219	.120	.037	.197	.109	.034		
4.0	.255	.133	.039	.243	.127	.038	.219	.116	.035	.198	.106	.032	.177	.096	.029		
5.0	.233	.119	.034	.221	.114	.033	.200	.104	.031	.180	.095	.028	.162	.086	.026		
6.0	.214	.107	.031	.203	.103	.030	.184	.094	.027	.165	.086	.025	.148	.078	.023		
7.0	.198	.098	.028	.188	.094	.027	.170	.086	.025	.153	.078	.023	.137	.071	.021		
8.0	.184	.090	.025	.175	.086	.024	.158	.079	.023	.142	.072	.021	.128	.066	.019		
9.0	.171	.083	.023	.163	.080	.022	.148	.073	.021	.133	.067	.019	.119	.061	.018		
10.0	.161	.077	.021	.153	.074	.021	.139	.068	.019	.125	.062	.018	.112	.056	.016		

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	.425	.425	.425	.363	.363	.363	.248	.248	.248	.142	.142	.142	.046	.046	.046	
1.0	.420	.392	.367	.360	.337	.316	.246	.232	.219	.142	.134	.127	.045	.043	.041	
2.0	.414	.370	.333	.354	.319	.288	.243	.220	.201	.140	.128	.118	.045	.041	.038	
3.0	.406	.354	.312	.348	.305	.271	.239	.212	.190	.138	.124	.112	.044	.040	.037	
4.0	.399	.342	.298	.342	.295	.259	.235	.206	.182	.136	.121	.108	.044	.039	.035	
5.0	.392	.332	.288	.336	.287	.251	.232	.201	.177	.134	.118	.105	.043	.038	.035	
6.0	.384	.324	.281	.330	.281	.245	.228	.197	.173	.132	.116	.103	.043	.038	.034	
7.0	.378	.318	.276	.325	.276	.241	.224	.193	.171	.130	.114	.101	.042	.037	.034	
8.0	.371	.313	.272	.320	.271	.237	.221	.190	.168	.129	.112	.100	.042	.037	.033	
9.0	.365	.308	.269	.315	.267	.235	.218	.188	.167	.127	.111	.099	.041	.036	.033	
10.0	.360	.304	.267	.310	.264	.233	.215	.186	.165	.125	.110	.099	.041	.036	.033	

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-11-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 1.646m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

NAME: 金珀LED落地太阳能灯					TYPE:6910901012					WEIGHT:				
SPEC.:					DIM.:					SERIAL No.:A2022112201				
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					13.3	14.5	14.0	15.2	16.0	13.0	14.2	13.7	14.9	15.7
3H					15.5	16.6	16.2	17.3	18.2	15.2	16.3	15.8	17.0	17.8
4H					16.7	17.7	17.4	18.4	19.3	16.3	17.3	17.0	18.0	18.9
6H					17.9	18.9	18.7	19.6	20.5	17.4	18.4	18.2	19.1	20.0
8H					18.6	19.6	19.4	20.3	21.2	18.1	19.0	18.8	19.7	20.6
12H					19.4	20.3	20.1	21.1	22.0	18.7	19.6	19.5	20.4	21.3
4H 2H					14.0	15.0	14.7	15.7	16.6	13.7	14.8	14.5	15.5	16.4
3H					16.4	17.3	17.1	18.0	18.9	16.1	17.0	16.8	17.7	18.6
4H					17.7	18.5	18.4	19.3	20.2	17.3	18.1	18.1	18.9	19.9
6H					19.1	19.8	19.9	20.6	21.6	18.7	19.4	19.4	20.2	21.1
8H					19.9	20.6	20.7	21.4	22.4	19.4	20.1	20.2	20.9	21.9
12H					20.8	21.4	21.6	22.2	23.2	20.2	20.8	21.0	21.6	22.6
8H 4H					18.1	18.8	18.9	19.6	20.6	17.8	18.5	18.6	19.3	20.3
6H					19.8	20.3	20.6	21.2	22.2	19.4	20.0	20.2	20.8	21.8
8H					20.7	21.2	21.6	22.1	23.1	20.3	20.8	21.1	21.7	22.7
12H					21.8	22.3	22.7	23.2	24.2	21.3	21.8	22.2	22.6	23.7
12H 4H					18.2	18.8	19.0	19.6	20.6	17.9	18.5	18.7	19.3	20.3
6H					20.0	20.5	20.8	21.3	22.4	19.6	20.1	20.4	21.0	22.0
8H					21.0	21.5	21.9	22.3	23.4	20.6	21.0	21.5	21.9	23.0
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					+ 0.2 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117, 490.1 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.5)
Area: 0.1 m2

C Range: 0 - 360DEG
C Interval: 10.0DEG
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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:1.646m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

NAME: 金珀LED落地太阳能灯	TYPE: 6910901012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022112201
MFR.: EVERFINE	SUR.:	Shielding Angle:

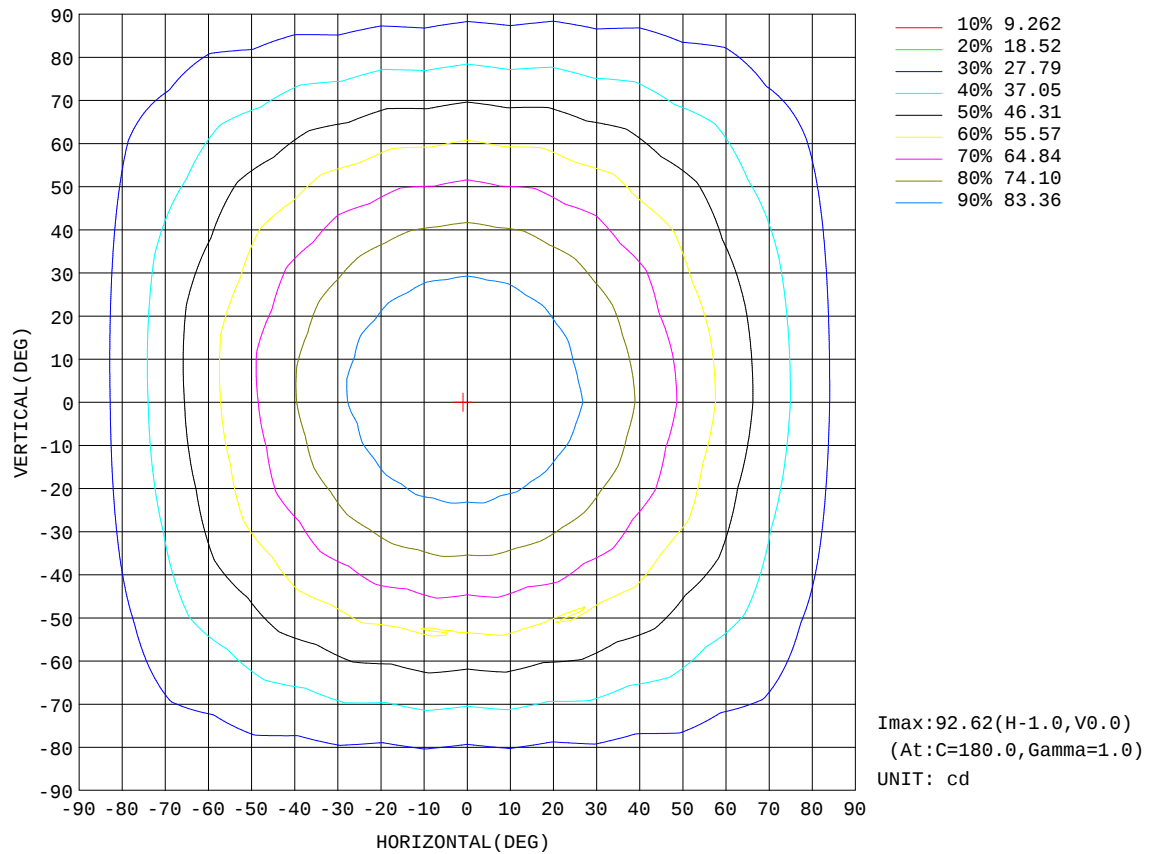
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) × RCR = 5									
k = 0.60	45	33	26	44	32	26	41	31	25	18
0.80	54	42	34	52	40	33	48	38	32	23
1.00	62	49	41	59	48	40	55	47	38	28
1.25	69	56	48	66	55	47	60	51	44	33
1.50	74	62	54	71	60	52	64	55	49	36
2.00	81	71	62	77	68	60	70	62	56	42
2.50	86	76	68	81	73	66	73	66	60	45
3.00	90	81	73	85	77	70	76	70	65	48
4.00	94	87	80	89	82	77	80	75	70	52
5.00	97	91	85	92	86	81	82	78	74	54
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
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ISOCANDELA DIAGRAM

NAME: 金珀LED落地太阳能灯	TYPE: 6910901012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022112201
MFR.: EVERFINE	SUR.:	Shielding Angle:

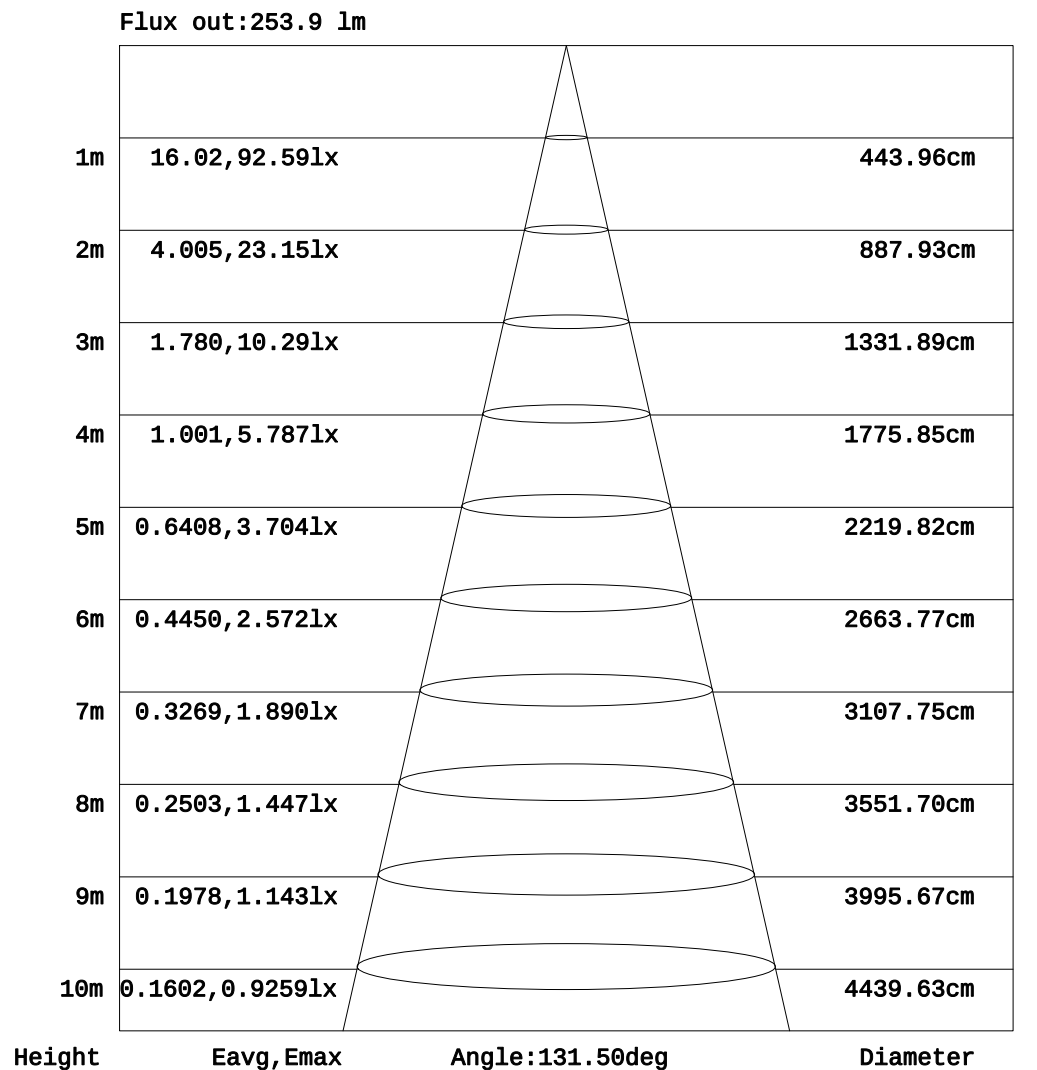


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AAI Figure

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MFR.: EVERFINE	SUR.:	Shielding Angle:



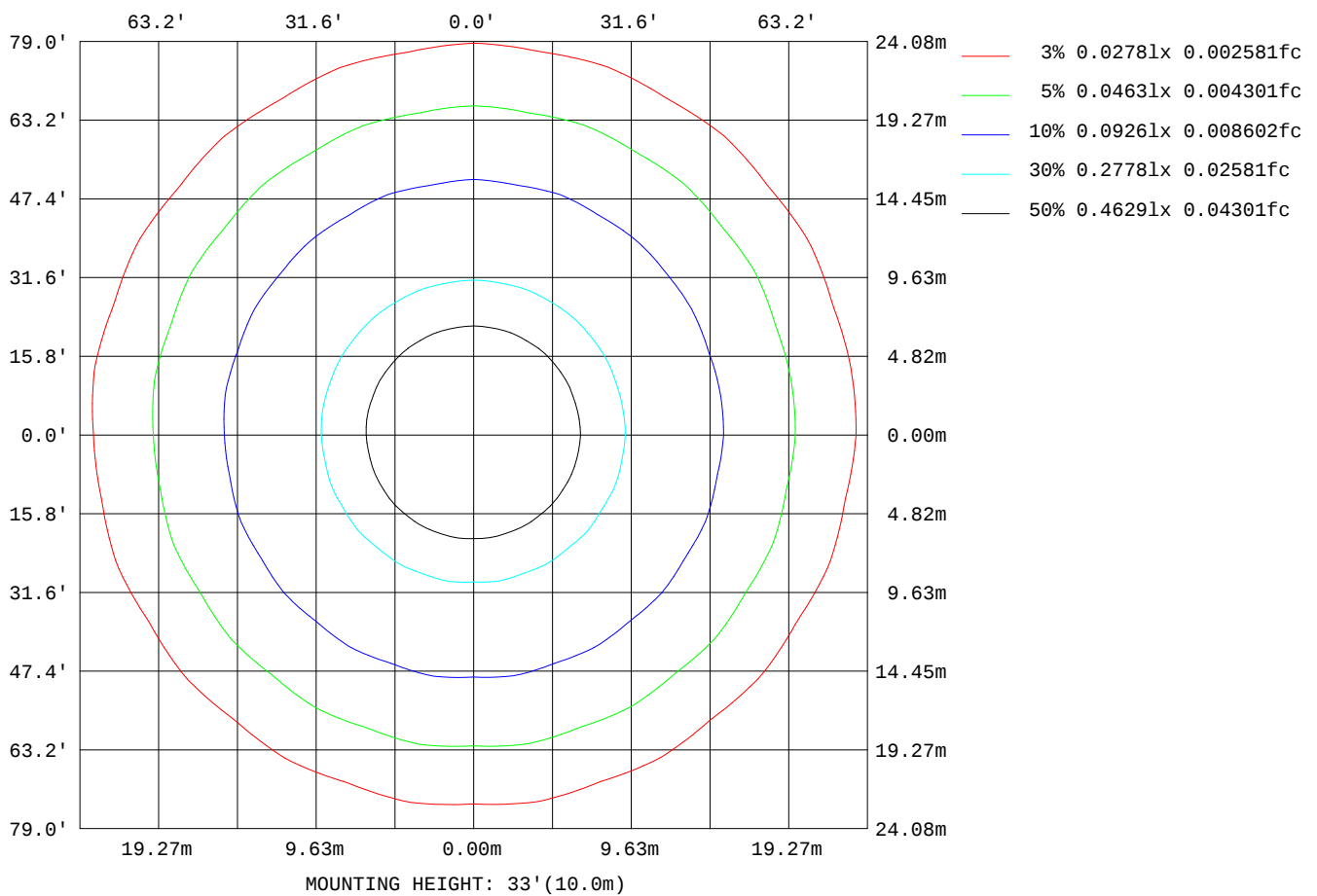
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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ISOLUX DIAGRAM

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MFR.: EVERFINE	SUR.:	Shielding Angle:



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Remarks:

LED Avg.L Report

NAME: 金珀LED落地太阳能灯	TYPE: 6910901012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022112201
MFR.: EVERFINE	SUR.:	Shielding Angle:

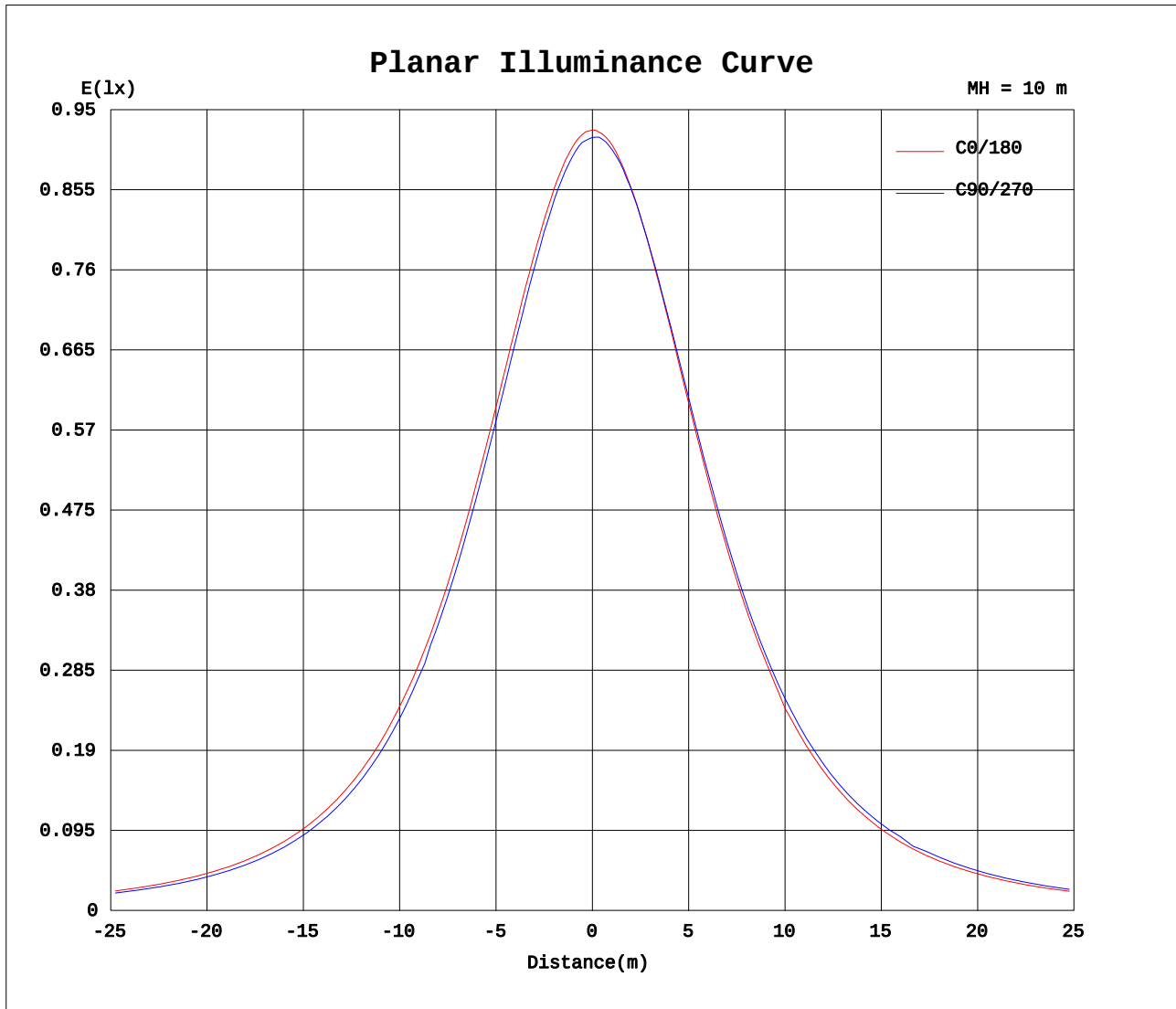
AvgL	cd/m2
L_0~180(65)av	1119
L_0~180(75)av	1408
L_0~180(85)av	3013
L_90~270(65)av	1113
L_90~270(75)av	1407
L_90~270(85)av	3031
L_45(65)av	1112
L_45(75)av	1403
L_45(85)av	3010

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-11-09

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 1.646m [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: 2022-11-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 1.646m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: 金珀LED落地太阳能灯	TYPE:6910901012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2022112201
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	92.6	92.4	92.3	92.1	92.0	91.9	91.9	91.7	91.8	91.7	91.7	91.8	91.7	91.9	91.8	91.7	91.7	91.8	92.6
5	92.2	91.9	91.8	91.5	91.4	91.3	91.2	91.0	91.2	91.1	91.2	91.2	91.3	91.2	91.3	91.3	91.5	91.4	92.3
10	91.1	90.7	90.5	90.2	90.0	89.8	89.8	89.7	89.9	89.7	89.9	89.8	90.1	90.0	90.1	90.2	90.5	90.5	91.3
15	89.4	88.9	88.7	88.3	88.1	87.8	87.9	87.7	88.0	87.7	88.0	87.8	88.2	88.2	88.4	88.4	88.8	88.8	89.8
20	87.3	86.7	86.4	85.9	85.8	85.3	85.5	85.1	85.4	85.1	85.5	85.4	85.7	85.7	86.2	86.3	86.7	86.8	87.8
25	84.5	83.8	83.5	82.8	82.8	82.3	82.6	82.1	82.4	82.1	82.5	82.4	82.9	82.9	83.4	83.4	83.9	84.0	85.0
30	81.2	80.5	80.2	79.5	79.4	78.9	79.1	78.6	79.0	78.7	79.1	78.9	79.5	79.5	80.1	80.0	80.7	80.7	81.8
35	77.4	76.5	76.3	75.5	75.4	74.7	74.9	74.5	74.9	74.5	75.1	74.9	75.6	75.5	76.1	76.1	76.8	77.0	78.0
40	73.0	72.1	71.9	71.0	70.9	70.3	70.5	69.9	70.4	70.1	70.6	70.3	71.1	71.1	71.7	71.7	72.5	72.6	73.7
45	68.4	66.8	67.2	65.6	66.2	64.8	65.7	64.4	65.5	64.5	65.7	64.9	66.3	65.5	66.9	66.3	67.8	67.3	67.9
50	63.5	61.7	62.0	60.5	61.1	59.6	60.5	59.3	60.3	59.3	60.6	59.7	61.1	60.4	61.9	61.2	62.8	62.2	63.3
55	58.3	56.5	56.3	55.2	55.8	54.3	55.2	53.9	55.0	53.9	55.3	54.3	55.8	55.0	56.5	55.8	57.5	56.9	57.9
60	52.9	51.0	51.6	49.7	50.4	48.8	49.7	48.3	49.5	48.4	49.8	48.7	50.3	49.4	51.0	50.3	52.1	51.4	52.4
65	47.6	45.7	46.2	44.4	45.0	43.4	44.3	43.0	44.1	43.0	44.3	43.3	44.9	44.0	45.6	44.9	46.7	46.0	46.9
70	42.3	40.3	40.8	39.0	39.7	38.1	39.0	37.6	38.8	37.6	38.9	37.9	39.5	38.6	40.2	39.5	41.2	40.5	41.4
75	37.0	35.0	35.5	33.7	34.3	32.8	33.6	32.3	33.4	32.2	33.6	32.5	34.1	33.2	34.8	34.1	35.8	35.1	35.9
80	31.8	29.8	30.2	28.6	29.2	27.6	28.5	27.2	28.2	27.1	28.4	27.4	28.8	28.0	29.5	28.8	30.5	29.8	30.6
85	26.9	25.1	25.4	23.9	24.3	22.9	23.7	22.5	23.4	22.4	23.5	22.6	23.8	23.2	24.6	24.0	25.5	24.9	25.6
90	23.6	22.7	22.1	21.4	21.0	20.4	20.3	19.9	20.0	19.7	20.0	19.8	20.2	20.3	20.9	21.0	21.7	21.8	22.6
95	23.3	22.6	21.9	21.4	20.8	20.5	20.1	19.9	19.7	19.6	19.6	19.7	19.8	20.1	20.4	20.8	21.2	21.6	22.4
100	23.6	23.0	22.2	21.7	21.1	20.8	20.4	20.2	20.0	20.0	19.9	20.0	20.1	20.4	20.7	21.1	21.4	21.9	22.7
105	24.0	23.3	22.5	22.1	21.5	21.2	20.8	20.7	20.4	20.4	20.3	20.4	20.5	20.8	21.0	21.4	21.7	22.2	23.0
110	24.3	23.7	22.9	22.5	21.9	21.7	21.3	21.1	20.8	20.8	20.7	20.8	20.9	21.2	21.4	21.8	22.0	22.5	23.3
115	24.7	24.1	23.3	22.9	22.4	22.2	21.8	21.6	21.3	21.3	21.1	21.3	21.3	21.6	21.8	22.2	22.4	22.9	23.7
120	25.1	24.4	23.7	23.4	22.9	22.7	22.3	22.1	21.8	21.8	21.6	21.7	21.8	22.1	22.3	22.6	22.8	23.3	24.1
125	25.3	24.6	24.0	23.7	23.3	23.1	22.7	22.6	22.2	22.2	22.1	22.2	22.2	22.5	22.7	23.1	23.2	23.7	24.4
130	25.5	24.9	24.2	23.8	23.6	23.5	23.2	23.0	22.7	22.7	22.5	22.6	22.7	23.0	23.1	23.5	23.6	24.0	24.7
135	25.8	25.3	24.6	24.2	23.7	23.8	23.6	23.4	23.1	23.1	22.9	23.0	23.1	23.3	23.5	23.9	24.0	24.3	25.0
140	25.9	25.4	24.9	24.5	23.9	23.9	24.0	23.8	23.5	23.4	23.3	23.4	23.4	23.6	23.8	24.1	24.2	24.5	25.1
145	26.0	25.4	25.0	24.7	24.1	24.0	24.1	23.8	23.6	23.5	23.4	23.5	23.6	23.8	24.1	24.5	24.5	24.7	25.2
150	25.9	25.3	24.9	24.6	24.1	24.1	24.0	24.0	23.6	23.4	23.3	23.4	23.6	24.0	24.4	24.8	24.7	24.9	25.3
155	25.4	24.7	24.7	24.4	23.7	23.2	23.7	23.7	23.8	23.4	23.6	23.4	23.8	23.9	24.4	24.6	24.9	25.0	25.4
160	24.4	23.7	24.0	23.1	23.2	21.8	21.6	22.2	23.0	22.1	22.0	21.5	22.2	22.9	23.7	23.4	23.6	23.2	23.4
165	21.5	20.8	21.2	20.3	20.6	19.8	19.9	19.1	19.2	19.0	19.8	19.4	20.1	19.5	20.9	20.5	21.4	21.0	20.8
170	18.7	18.0	18.2	17.1	17.0	16.0	16.2	15.9	16.5	16.8	17.4	16.8	16.9	16.5	17.2	17.3	18.3	18.4	18.0
175	14.3	13.0	13.5	12.7	13.2	12.6	13.0	12.1	12.7	12.4	13.4	12.9	13.9	13.5	14.3	13.8	14.7	13.8	13.1
180	1.18	0.39	0.99	0.33	0.87	0.36	0.95	0.39	1.09	0.40	1.08	0.37	1.04	0.36	1.03	0.38	1.08	0.39	0.32

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-11-09

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity:65.0%
Test Distance:1.646m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: 金珀LED落地太阳能灯	TYPE:6910901012	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2022112201
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	92.4	92.3	92.1	92.0	91.9	91.9	91.7	91.8	91.7	91.7	91.8	91.7	91.9	91.8	91.7	91.7	91.8		
5	92.3	92.2	92.1	91.8	91.9	91.8	91.8	91.8	91.8	91.8	91.7	91.7	91.7	91.4	91.6	91.3	91.4		
10	91.5	91.3	91.3	91.2	91.2	91.2	91.2	91.0	91.1	91.0	91.1	90.9	90.9	90.5	90.6	90.4	90.4		
15	90.1	89.9	90.1	89.8	90.0	89.8	90.0	89.8	89.9	89.7	89.8	89.5	89.5	89.2	89.2	88.8	88.8		
20	88.0	87.9	88.0	87.9	88.1	87.9	88.1	88.0	88.0	87.9	88.0	87.5	87.6	87.1	87.1	86.6	86.7		
25	85.5	85.2	85.6	85.4	85.7	85.5	85.8	85.5	85.8	85.4	85.6	85.2	85.2	84.7	84.7	84.1	84.1		
30	82.3	82.1	82.6	82.4	82.8	82.5	82.9	82.6	82.9	82.5	82.7	82.2	82.2	81.7	81.6	80.9	80.9		
35	78.6	78.4	78.9	78.7	79.2	79.0	79.4	79.1	79.4	79.0	79.3	78.6	78.7	78.0	78.0	77.3	77.2		
40	74.3	74.0	74.8	74.5	75.1	74.8	75.4	75.1	75.5	75.0	75.3	74.6	74.7	73.9	73.9	73.0	72.9		
45	69.6	69.1	70.2	69.7	70.6	70.5	71.0	70.7	71.2	70.6	71.0	70.3	70.4	69.1	69.4	68.0	68.3		
50	64.7	63.9	65.3	64.5	65.8	65.0	66.2	65.3	66.5	65.3	66.2	64.9	65.6	64.1	64.7	63.0	63.4		
55	59.4	58.7	60.1	59.3	60.7	59.9	61.2	60.3	61.4	60.4	61.3	59.9	60.7	59.1	59.6	57.9	58.4		
60	54.1	53.2	54.8	54.0	55.5	54.6	56.0	55.1	56.3	55.2	56.1	54.8	55.5	53.9	54.5	52.6	53.1		
65	48.6	47.8	49.5	48.6	50.2	49.4	50.8	49.9	51.1	50.0	51.1	49.7	50.4	48.7	49.3	47.4	47.9		
70	43.2	42.4	44.1	43.2	44.8	44.0	45.5	44.5	45.9	44.8	45.8	44.4	45.2	43.5	44.1	42.2	42.6		
75	37.7	36.9	38.6	37.8	39.4	38.6	40.2	39.2	40.6	39.5	40.6	39.2	40.0	38.2	38.7	36.8	37.3		
80	32.3	31.6	33.3	32.5	34.1	33.3	34.9	34.0	35.4	34.4	35.4	34.1	34.8	33.2	33.6	31.8	32.2		
85	27.2	26.6	28.2	27.5	29.1	28.4	29.9	29.2	30.5	29.5	30.5	29.3	29.9	28.4	28.8	27.1	27.3		
90	23.4	23.6	24.4	24.6	25.4	25.6	26.3	26.5	27.0	26.9	27.1	26.8	26.6	26.0	25.6	24.7	24.1		
95	22.9	23.4	23.9	24.5	24.9	25.5	26.0	26.4	26.7	26.9	26.8	26.8	26.4	26.0	25.4	24.7	23.9		
100	23.1	23.6	24.1	24.7	25.2	25.8	26.2	26.6	26.9	27.1	27.1	27.0	26.7	26.3	25.7	25.0	24.3		
105	23.4	23.9	24.4	25.0	25.5	26.0	26.4	26.9	27.1	27.3	27.3	27.2	26.9	26.6	25.9	25.3	24.6		
110	23.7	24.3	24.7	25.3	25.8	26.3	26.7	27.1	27.3	27.5	27.5	27.4	27.2	26.8	26.2	25.7	24.9		
115	24.1	24.6	25.0	25.6	26.1	26.6	26.9	27.3	27.5	27.7	27.7	27.6	27.4	27.1	26.5	26.0	25.3		
120	24.4	24.9	25.3	25.9	26.3	26.8	27.1	27.5	27.6	27.8	27.8	27.8	27.6	27.3	26.8	26.3	25.6		
125	24.7	25.2	25.6	26.1	26.6	27.0	27.3	27.5	27.7	27.9	27.9	27.9	27.7	27.4	26.9	26.5	25.8		
130	25.0	25.5	25.8	26.3	26.8	27.1	27.3	27.5	27.7	27.7	27.9	27.9	27.8	27.5	27.1	26.5	26.0		
135	25.2	25.7	26.0	26.5	26.8	26.9	27.3	27.6	27.6	27.7	27.9	27.8	27.7	27.5	27.1	26.5	26.2		
140	25.4	25.8	26.1	26.3	26.6	27.0	27.4	27.5	27.6	27.7	27.8	27.5	27.5	27.4	26.9	26.6	26.3		
145	25.5	25.8	26.0	26.3	26.7	27.0	27.2	27.2	27.3	27.4	27.5	27.3	27.2	27.0	26.9	26.6	26.3		
150	25.5	25.7	26.0	26.4	26.7	26.9	27.0	26.8	27.0	26.9	27.1	27.0	27.1	26.7	26.7	26.5	26.1		
155	25.5	25.6	25.9	26.2	26.4	26.5	26.8	26.6	26.4	26.2	26.5	26.4	26.6	26.2	26.1	25.8	25.7		
160	24.4	24.0	24.5	23.9	25.0	25.4	26.0	25.4	25.7	25.1	25.1	24.4	25.4	24.7	24.8	23.2	23.9		
165	21.2	20.3	21.1	21.3	22.6	22.2	23.2	22.6	23.2	22.9	22.9	21.9	22.0	20.8	21.0	20.2	21.2		
170	18.6	17.5	18.1	18.0	18.7	18.4	19.3	19.3	20.3	19.9	20.4	19.5	19.2	17.6	17.6	17.4	18.2		
175	14.0	12.8	13.8	13.6	14.9	14.5	15.2	14.3	15.2	14.1	15.1	14.2	15.3	14.2	14.6	13.8	14.4		
180	0.66	0.26	0.64	0.25	0.66	0.29	0.58	0.27	0.58	0.28	0.72	0.27	0.71	0.28	0.65	0.29	0.66		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-11-09

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity:65.0%
Test Distance:1.646m [K=1.0000]
Remarks: