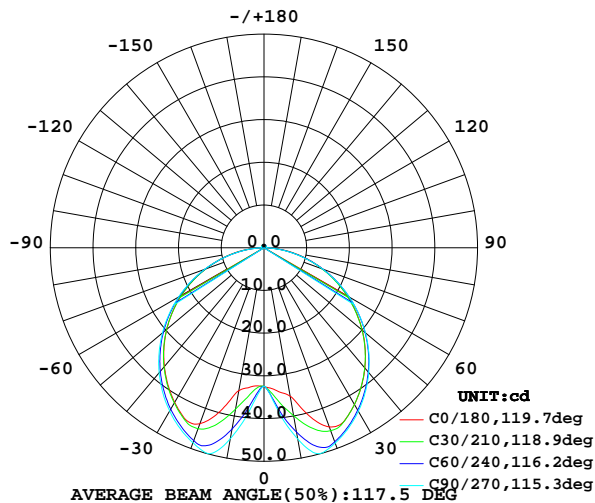


## LUMINAIRE PHOTOMETRIC TEST REPORT

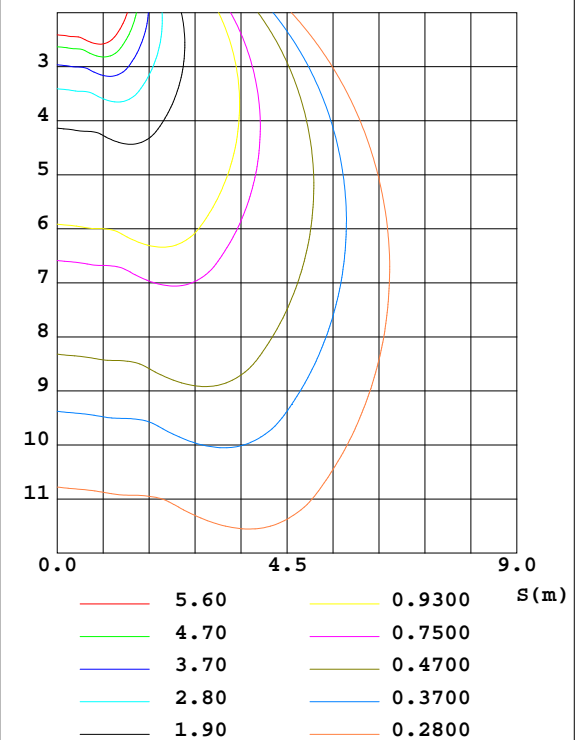
Test:U:230.3V I:0.0614A P:5.980W PF:0.4233 Lamp Flux:149.087x1 lm		
NAME: Linear 桌灯	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:202000605A0001
MFR.: TARGET	SUR.:0.22*0.1	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 24.93 lm/W			
MODEL	Linear Mounted Lamp 232	Imax(cd)	49.96	S/MH(C0/180)	1.67
NOMINAL POWER(W)	6	LOR(%)	100.0	S/MH(C90/270)	1.70
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	149.09	$\eta$ UP,DN(C0-180)	1.3,48.8
NOMINAL FLUX(lm)	149.087	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	1.2,48.7
LAMPS INSIDE	1	$\eta$ up(%)	2.5	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	230.3	$\eta$ down(%)	97.5	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



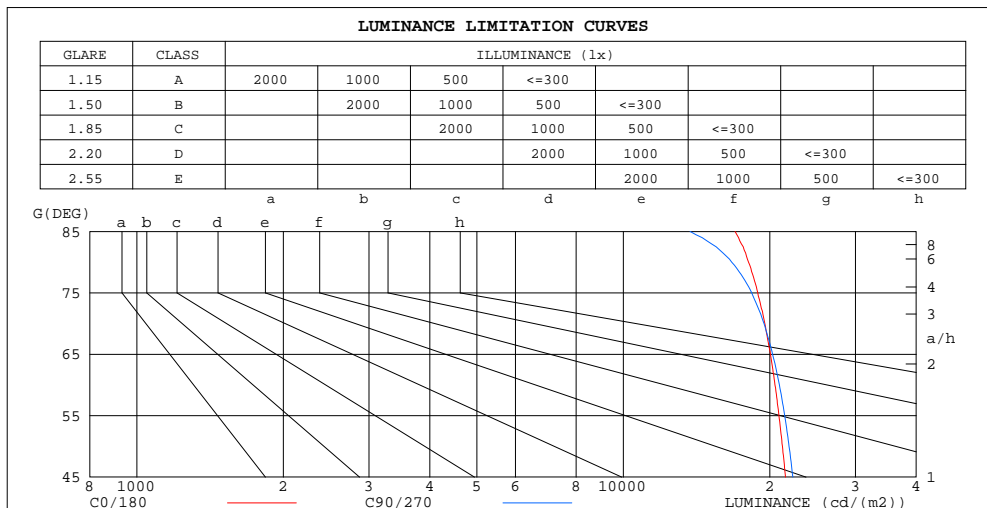
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:yechihong  
 Test Date:2020-06-05

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.272  
 Humidity:70%  
 Test Distance:8.425m [K=1.0000]  
 Remarks:

## ZONAL FLUX DIAGRAM AND LUMINANCE LIMITATION CURVES

### ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\%lum, lamp$
5	33.54	36.63	38.27	35.46	32.62	35.70	38.08	36.60	0- 5	0.8213	0.8213	0.55,0.55
10	35.27	41.80	45.45	40.63	33.96	40.91	45.34	41.69	5- 10	2.765	3.586	2.41,2.41
15	40.66	45.75	49.91	44.88	39.59	45.28	49.93	45.63	10- 15	5.145	8.731	5.86,5.86
20	44.61	47.39	48.67	46.74	43.81	46.96	48.61	47.18	15- 20	7.626	16.36	11,11
25	44.65	45.76	46.66	45.22	44.06	45.30	46.61	45.55	20- 25	9.674	26.03	17.5,17.5
30	42.37	43.38	44.19	42.87	41.80	42.93	44.15	43.17	25- 30	11.18	37.21	25,25
35	39.70	40.66	41.33	40.18	39.19	40.19	41.35	40.43	30- 35	12.26	49.47	33.2,33.2
40	36.73	37.60	38.16	37.13	36.29	37.13	38.17	37.38	35- 40	12.93	62.39	41.8,41.8
45	33.52	34.26	34.70	33.83	33.11	33.82	34.72	34.07	40- 45	13.17	75.56	50.7,50.7
50	30.02	30.68	30.99	30.26	29.70	30.25	31.04	30.47	45- 50	12.98	88.54	59.4,59.4
55	26.36	26.90	27.08	26.53	26.09	26.48	27.15	26.70	50- 55	12.38	100.9	67.7,67.7
60	22.55	22.95	23.03	22.62	22.34	22.55	23.11	22.76	55- 60	11.39	112.3	75.3,75.3
65	18.66	18.89	18.84	18.61	18.51	18.52	18.96	18.75	60- 65	10.05	122.4	82.1,82.1
70	14.70	14.80	14.64	14.55	14.61	14.46	14.76	14.66	65- 70	8.421	130.8	87.7,87.7
75	10.76	10.70	10.45	10.49	10.72	10.40	10.59	10.57	70- 75	6.571	137.3	92.1,92.1
80	6.912	6.691	6.380	6.521	6.929	6.438	6.521	6.595	75- 80	4.585	141.9	95.2,95.2
85	3.255	2.929	2.629	2.797	3.304	2.726	2.738	2.868	80- 85	2.565	144.5	96.9,96.9
90	0.7610	0.6699	0.6843	0.6561	0.6473	0.6480	0.5704	0.6801	85- 90	0.8038	145.3	97.5,97.5
95	0.6655	0.6021	0.6292	0.5976	0.5703	0.5930	0.5613	0.6202	90- 95	0.3448	145.6	97.7,97.7
100	0.6066	0.5975	0.5977	0.5885	0.5432	0.5659	0.5613	0.5930	95-100	0.3192	146.0	97.9,97.9
105	0.5794	0.5975	0.5930	0.5885	0.5387	0.5614	0.5613	0.5749	100-105	0.3063	146.3	98.1,98.1
110	0.5704	0.5975	0.5885	0.5886	0.5387	0.5568	0.5659	0.5749	105-110	0.2970	146.6	98.3,98.3
115	0.5659	0.6021	0.5885	0.6021	0.5432	0.5568	0.5794	0.5749	110-115	0.2883	146.9	98.5,98.5
120	0.5659	0.6112	0.5885	0.6111	0.5568	0.5568	0.5885	0.5749	115-120	0.2792	147.1	98.7,98.7
125	0.5659	0.6292	0.6066	0.6247	0.5750	0.5568	0.6021	0.5749	120-125	0.2688	147.4	98.9,98.9
130	0.5749	0.6429	0.6066	0.6428	0.5931	0.5613	0.6202	0.5749	125-130	0.2580	147.7	99,99
135	0.6110	0.6610	0.6247	0.6609	0.6203	0.6066	0.6428	0.5975	130-135	0.2471	147.9	99.2,99.2
140	0.6202	0.6836	0.6384	0.6837	0.6472	0.6157	0.6609	0.6065	135-140	0.2342	148.1	99.4,99.4
145	0.6518	0.6971	0.6700	0.7017	0.6657	0.6247	0.6836	0.6292	140-145	0.2178	148.4	99.5,99.5
150	0.6745	0.6971	0.6834	0.7017	0.6745	0.6562	0.6881	0.6473	145-150	0.1974	148.6	99.6,99.6
155	0.6836	0.6971	0.6971	0.7017	0.6561	0.6746	0.6881	0.6789	150-155	0.1725	148.7	99.8,99.8
160	0.6384	0.6880	0.7062	0.6745	0.5658	0.6790	0.6881	0.6790	155-160	0.1423	148.9	99.9,99.9
165	0.4800	0.5749	0.6972	0.5881	0.4210	0.6159	0.6246	0.6159	160-165	0.1040	149.0	99.9,99.9
170	0.4436	0.4662	0.5797	0.4707	0.4165	0.5071	0.5201	0.4980	165-170	0.0637	149.0	100,100
175	0.4436	0.4346	0.4527	0.4391	0.4165	0.4346	0.4301	0.4346	170-175	0.0328	149.1	100,100
180	0.4436	0.4346	0.4301	0.4391	0.4165	0.4346	0.4301	0.4346	175-180	0.0104	149.1	100,100
DEG	LUMINOUS INTENSITY:cd MAX (Ii - Iavg)/Iavg (0-135) = 158.0 %									UNIT:lm		



LUMINANCE cd/(m <sup>2</sup> )		
G(°)	C0/180	C90/270
85	16976	13713
80	18093	16701
75	18898	18358
70	19543	19462
65	20070	20267
60	20502	20936
55	20893	21460
50	21231	21916
45	21549	22305

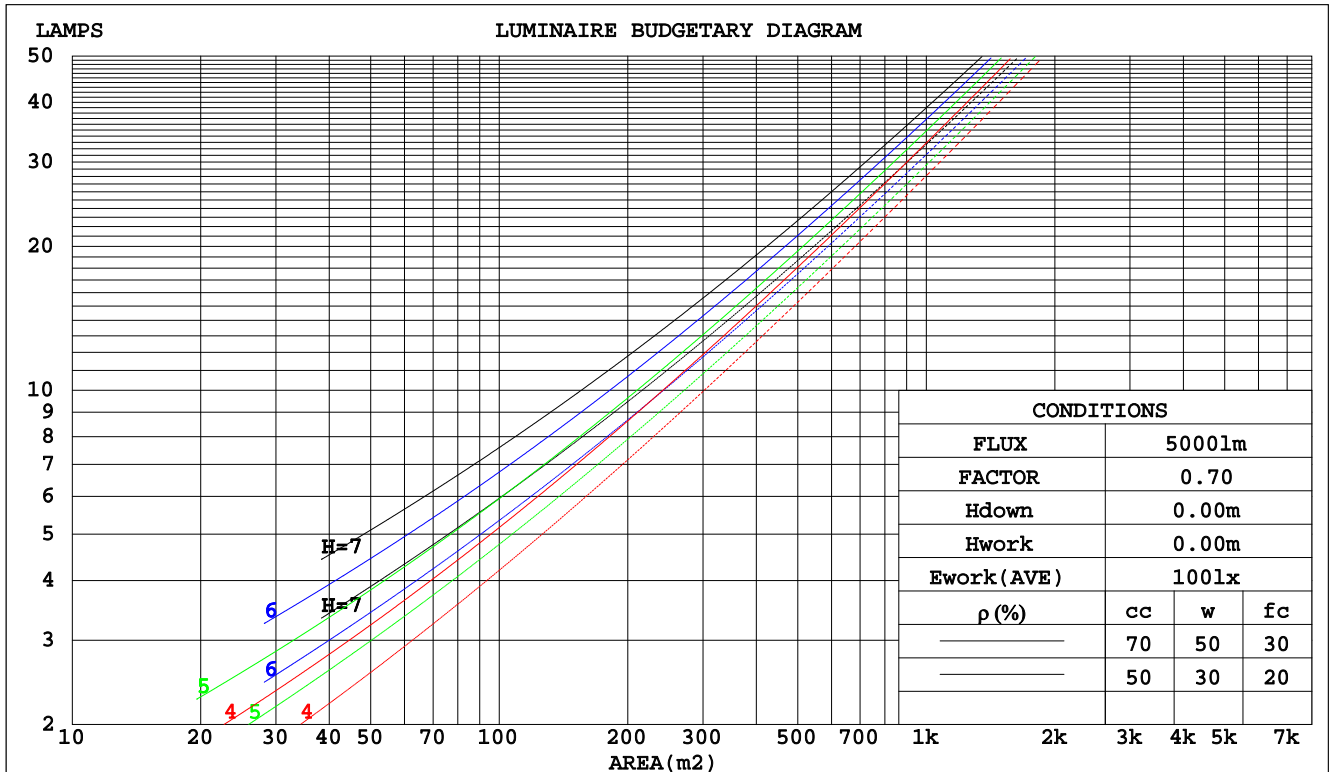
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators: yechihong  
 Test Date: 2020-06-05

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.272  
 Humidity: 70%  
 Test Distance: 8.425m [K=1.0000]  
 Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.3V I:0.0614A P:5.980W PF:0.4233 Lamp Flux:149.087x1 lm		
NAME: Linear 桌灯	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:202000605A0001
MFR.: TARGET	SUR.:0.22*0.1	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.04	1.04	1.04	.00	.00	.00	.97
1.0	1.03	.98	.94	1.00	.96	.93	.96	.92	.89	.91	.88	.86	.87	.85	.83	.81
2.0	.89	.82	.76	.87	.81	.75	.83	.78	.73	.79	.75	.71	.76	.72	.69	.67
3.0	.78	.70	.63	.76	.68	.62	.73	.66	.61	.70	.64	.59	.67	.62	.58	.56
4.0	.69	.60	.53	.67	.59	.52	.64	.57	.51	.62	.56	.50	.59	.54	.50	.47
5.0	.61	.52	.45	.60	.51	.45	.58	.50	.44	.55	.49	.44	.53	.47	.43	.41
6.0	.55	.46	.39	.54	.45	.39	.52	.44	.39	.50	.43	.38	.48	.42	.37	.35
7.0	.50	.41	.35	.49	.40	.34	.47	.39	.34	.45	.39	.33	.44	.38	.33	.31
8.0	.45	.37	.31	.44	.36	.30	.43	.35	.30	.41	.35	.30	.40	.34	.29	.27
9.0	.41	.33	.27	.41	.33	.27	.39	.32	.27	.38	.31	.27	.37	.31	.26	.25
10.0	.38	.30	.25	.37	.30	.25	.36	.29	.24	.35	.29	.24	.34	.28	.24	.22



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:yechihong  
 Test Date:2020-06-05

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.272  
 Humidity:70%  
 Test Distance:8.425m [K=1.0000]  
 Remarks:

## WEC AND CCEC

Test:U:230.3V I:0.0614A P:5.980W PF:0.4233 Lamp Flux:149.087x1 lm					
NAME: Linear 桌灯			TYPE:		WEIGHT:
DIM.:			SPEC.:		SERIAL No.:202000605A0001
MFR.: TARGET			SUR.:0.22*0.1		PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.319	.181	.057	.311	.177	.056	.296	.170	.054	.283	.163	.052	.270	.157	.050		
2.0	.298	.163	.050	.291	.160	.049	.278	.155	.048	.266	.149	.047	.255	.144	.045		
3.0	.275	.146	.044	.269	.144	.043	.257	.139	.042	.246	.135	.041	.236	.131	.040		
4.0	.253	.131	.039	.248	.130	.038	.237	.126	.038	.227	.122	.037	.219	.119	.036		
5.0	.234	.119	.034	.229	.117	.034	.219	.114	.034	.211	.111	.033	.203	.108	.033		
6.0	.216	.108	.031	.212	.107	.031	.204	.104	.030	.196	.102	.030	.189	.099	.029		
7.0	.201	.099	.028	.197	.098	.028	.190	.096	.028	.183	.094	.027	.176	.091	.027		
8.0	.188	.092	.026	.184	.091	.026	.177	.089	.025	.171	.087	.025	.165	.085	.025		
9.0	.176	.085	.024	.173	.084	.024	.166	.082	.023	.161	.081	.023	.155	.079	.023		
10.0	.165	.079	.022	.162	.078	.022	.157	.077	.022	.152	.075	.021	.147	.074	.021		

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)										
0.0	.210	.210	.210	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022		
1.0	.200	.176	.153	.171	.151	.132	.117	.104	.091	.068	.060	.053	.022	.019	.017		
2.0	.193	.152	.117	.165	.130	.101	.113	.090	.070	.065	.052	.041	.021	.017	.013		
3.0	.185	.134	.093	.159	.116	.081	.109	.080	.057	.063	.047	.033	.020	.015	.011		
4.0	.178	.121	.078	.152	.104	.067	.105	.073	.047	.061	.043	.028	.020	.014	.009		
5.0	.170	.111	.067	.146	.096	.058	.101	.067	.041	.058	.039	.024	.019	.013	.008		
6.0	.163	.102	.059	.140	.089	.051	.097	.062	.036	.056	.036	.021	.018	.012	.007		
7.0	.156	.095	.053	.134	.083	.046	.093	.058	.033	.054	.034	.019	.017	.011	.006		
8.0	.150	.090	.048	.129	.078	.042	.089	.055	.030	.052	.032	.018	.017	.011	.006		
9.0	.144	.085	.045	.124	.074	.039	.086	.052	.028	.050	.031	.017	.016	.010	.006		
10.0	.138	.081	.042	.119	.070	.037	.083	.049	.026	.048	.029	.016	.016	.010	.005		

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:yechihong  
 Test Date:2020-06-05

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.272  
 Humidity:70%  
 Test Distance:8.425m [K=1.0000]  
 Remarks:

## Uncorrected UGR Table

Test:U:230.3V I:0.0614A P:5.980W PF:0.4233 Lamp Flux:149.087x1 lm											
NAME: Linear 桌灯						TYPE:		WEIGHT:			
DIM.:						SPEC.:		SERIAL No.:202000605A0001			
MFR.: TARGET						SUR.:0.22*0.1		PROTECTION 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	23.3	24.8	23.6	25.1	25.3	23.5	25.0	23.8	25.3	25.5	
	3H	24.9	26.3	25.3	26.6	26.9	25.1	26.5	25.4	26.8	27.0
	4H	25.6	26.9	26.0	27.2	27.5	25.7	27.0	26.1	27.3	27.7
	6H	26.2	27.4	26.5	27.7	28.1	26.2	27.4	26.6	27.8	28.1
	8H	26.4	27.6	26.7	27.9	28.2	26.3	27.5	26.7	27.9	28.2
	12H	26.5	27.6	26.9	28.0	28.4	26.4	27.6	26.8	27.9	28.3
4H	2H	24.0	25.3	24.3	25.6	25.9	24.1	25.4	24.5	25.7	26.0
	3H	25.7	26.9	26.1	27.2	27.6	25.9	27.0	26.3	27.4	27.7
	4H	26.6	27.6	27.0	28.0	28.4	26.6	27.7	27.1	28.1	28.5
	6H	27.2	28.2	27.7	28.6	29.0	27.2	28.2	27.7	28.6	29.0
	8H	27.5	28.4	27.9	28.8	29.2	27.5	28.3	27.9	28.7	29.2
	12H	27.7	28.5	28.1	28.9	29.4	27.6	28.4	28.0	28.8	29.3
8H	4H	26.9	27.7	27.3	28.1	28.6	26.9	27.8	27.4	28.2	28.7
	6H	27.7	28.4	28.2	28.9	29.3	27.7	28.4	28.2	28.9	29.4
	8H	28.0	28.7	28.5	29.2	29.7	28.0	28.6	28.5	29.1	29.6
	12H	28.3	28.9	28.8	29.4	29.9	28.2	28.8	28.7	29.2	29.8
12H	4H	26.9	27.7	27.3	28.1	28.6	26.9	27.8	27.4	28.2	28.6
	6H	27.8	28.4	28.3	28.9	29.4	27.8	28.4	28.3	28.9	29.4
	8H	28.1	28.7	28.7	29.2	29.7	28.1	28.7	28.6	29.1	29.7
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.1 / - 0.3					+ 0.2 / - 0.3					

CIE Pub.117 Corrected 149.1 lm Total Lamp Luminous Flux.(8log(F/F0) = -6.6)

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:yechihong  
 Test Date:2020-06-05

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.272  
 Humidity:70%  
 Test Distance:8.425m [K=1.0000]  
 Remarks:

## UTILIZATION FACTORS TABLE

Test:U:230.3V I:0.0614A P:5.980W PF:0.4233 Lamp Flux:149.087x1 lm		
NAME: Linear 桌灯	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:202000605A0001
MFR.: TARGET	SUR.:0.22*0.1	PROTECTION ANGLE:

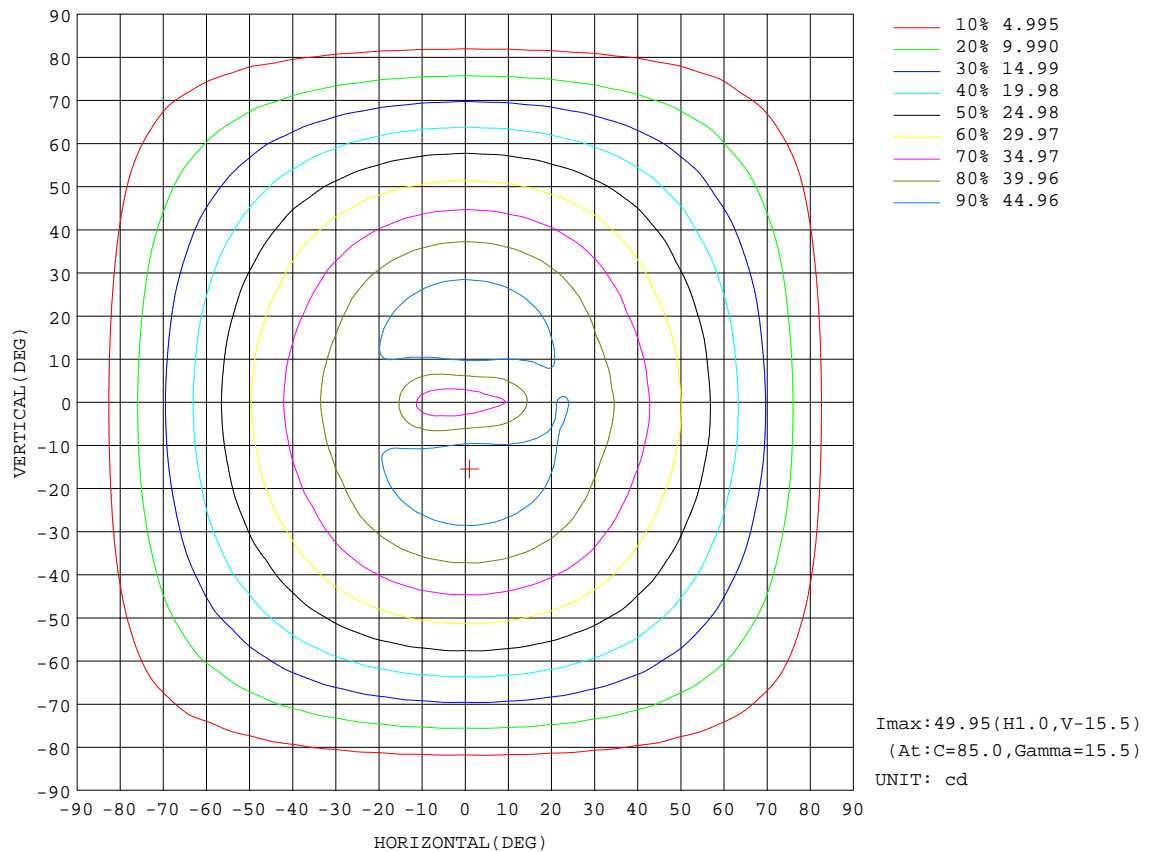
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	56	44	37	55	44	37	54	43	37	30
0.80	66	54	46	65	53	46	63	53	46	39
1.00	74	63	55	73	62	55	70	63	54	47
1.25	81	71	63	80	70	63	77	68	62	54
1.50	86	76	69	85	75	68	81	73	67	59
2.00	93	85	78	91	83	77	88	81	75	67
2.50	97	89	83	95	88	82	91	85	80	71
3.00	101	94	88	99	92	87	94	89	84	75
4.00	105	99	94	102	97	93	98	93	90	80
5.00	108	102	98	105	100	96	100	96	93	83
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:yechihong  
 Test Date:2020-06-05

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.272  
 Humidity:70%  
 Test Distance:8.425m [K=1.0000]  
 Remarks:

## ISOCANDELA DIAGRAM

Test:U:230.3V I:0.0614A P:5.980W PF:0.4233 Lamp Flux:149.087x1 lm		
NAME: Linear 桌灯	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:202000605A0001
MFR.: TARGET	SUR.:0.22*0.1	PROTECTION ANGLE:

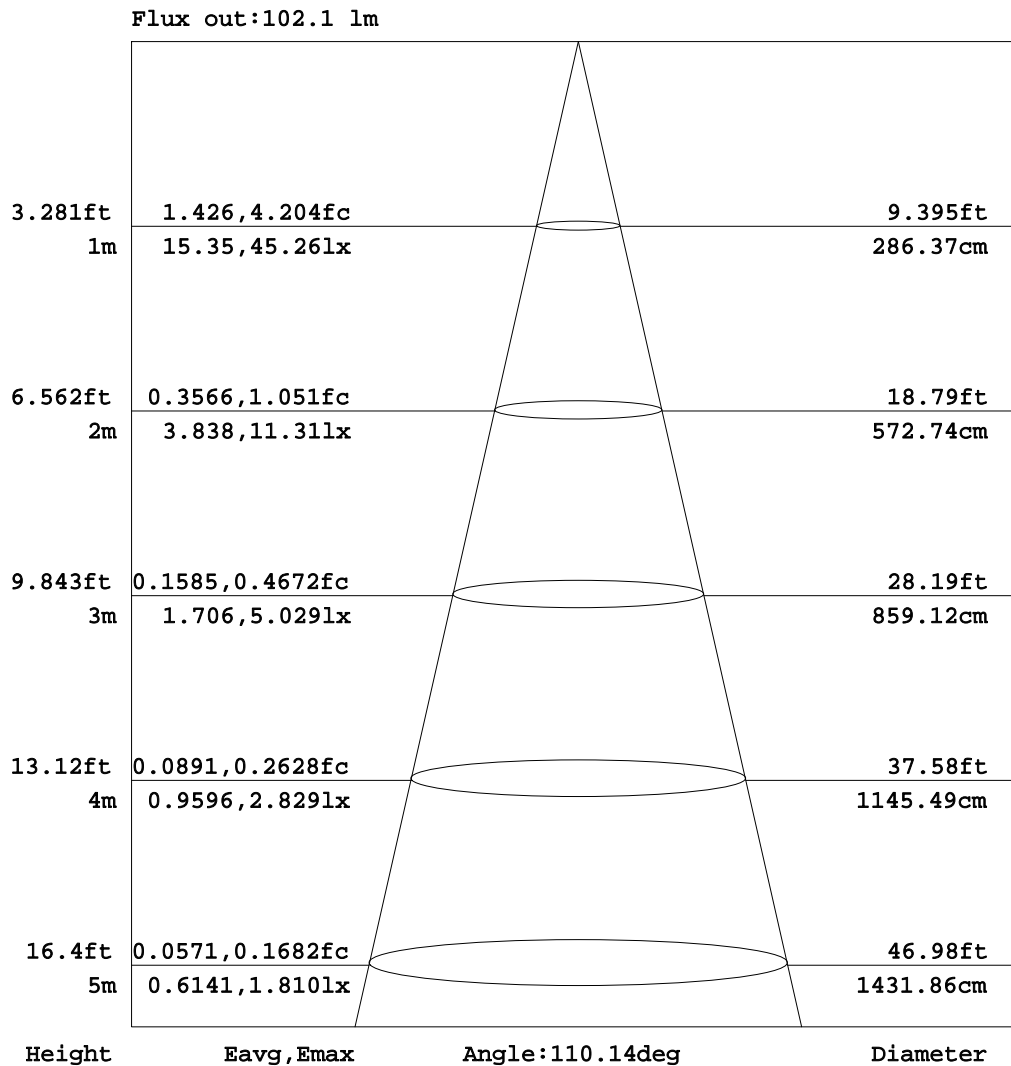


C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25DEG  
Operators:yechihong  
Test Date:2020-06-05

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.272  
Humidity:70%  
Test Distance:8.425m [K=1.0000]  
Remarks:

## AAI Figure

Test:U:230.3V I:0.0614A P:5.980W PF:0.4233 Lamp Flux:149.087x1 lm		
NAME: Linear 桌灯	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:202000605A0001
MFR.: TARGET	SUR.:0.22*0.1	PROTECTION ANGLE:



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

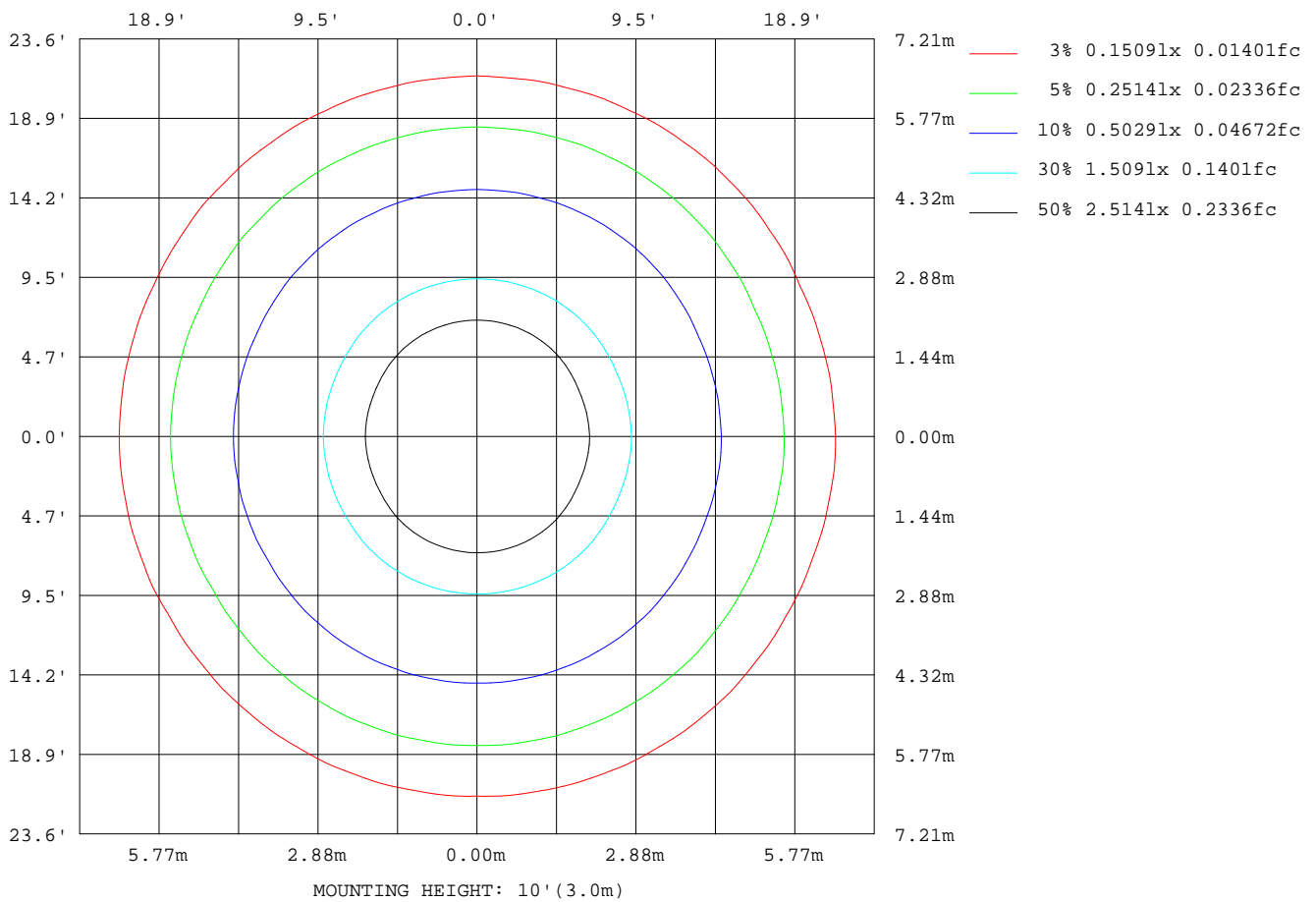
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25DEG  
Operators: yechihong  
Test Date: 2020-06-05

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.272  
Humidity: 70%  
Test Distance: 8.425m [K=1.0000]  
Remarks:



## ISOLUX DIAGRAM

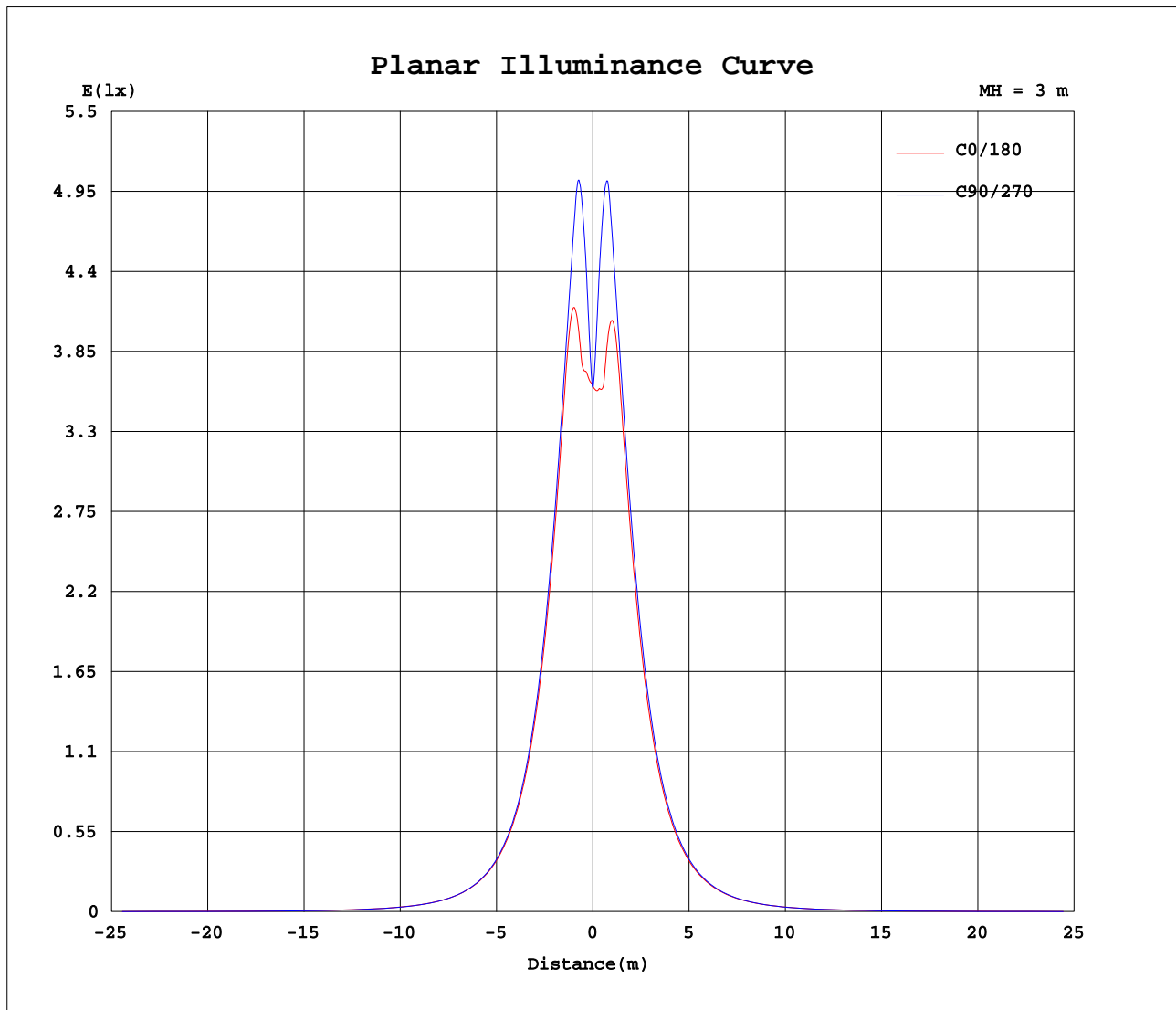
Test:U:230.3V I:0.0614A P:5.980W PF:0.4233 Lamp Flux:149.087x1 lm		
NAME: Linear 桌灯	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:202000605A0001
MFR.: TARGET	SUR.:0.22*0.1	PROTECTION ANGLE:



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators: yechihong  
 Test Date: 2020-06-05

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.272  
 Humidity: 70%  
 Test Distance: 8.425m [K=1.0000]  
 Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25DEG  
Operators: yechihong  
Test Date: 2020-06-05

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.272  
Humidity: 70%  
Test Distance: 8.425m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.3V I:0.0614A P:5.980W PF:0.4233 Lamp Flux:149.087x1 lm																		
NAME: Linear 桌灯									TYPE:					WEIGHT:				
DIM.:									SPEC.:					SERIAL No.:202000605A0001				
MFR.: TARGET									SUR.:0.22*0.1					PROTECTION ANGLE:				

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
5	33.5	33.7	34.1	34.4	34.9	35.2	35.7	36.0	36.4	36.6	37.0	37.3	37.7	37.8	38.1	38.1	38.3	38.2	38.3
10	35.3	35.8	36.7	37.5	38.4	39.1	39.9	40.5	41.3	41.8	42.6	43.2	43.8	44.3	44.8	45.0	45.4	45.4	45.4
15	40.7	40.9	41.4	41.9	42.6	43.1	43.7	44.4	45.1	45.7	46.6	47.4	48.2	48.8	49.3	49.7	49.8	49.9	49.9
20	44.6	44.6	44.7	44.8	44.9	45.2	45.6	46.1	46.7	47.4	47.9	48.2	48.3	48.5	48.6	48.7	48.7	48.7	48.7
25	44.6	44.6	44.5	44.4	44.3	44.4	44.7	45.0	45.4	45.8	46.0	46.2	46.4	46.5	46.6	46.6	46.7	46.7	46.7
30	42.4	42.3	42.2	42.1	42.0	42.1	42.3	42.7	43.0	43.4	43.6	43.8	43.9	44.1	44.1	44.2	44.2	44.3	44.2
35	39.7	39.7	39.5	39.5	39.4	39.5	39.7	40.0	40.3	40.7	40.8	41.0	41.1	41.3	41.3	41.4	41.4	41.4	41.3
40	36.7	36.7	36.6	36.5	36.4	36.6	36.7	37.0	37.2	37.6	37.7	37.9	38.0	38.2	38.1	38.2	38.2	38.3	38.2
45	33.5	33.5	33.4	33.3	33.2	33.3	33.4	33.7	33.9	34.3	34.4	34.5	34.6	34.7	34.7	34.7	34.7	34.8	34.7
50	30.0	30.1	29.9	29.9	29.7	29.9	29.9	30.2	30.3	30.7	30.7	30.9	30.9	31.0	31.0	31.1	31.0	31.1	31.0
55	26.4	26.4	26.2	26.2	26.1	26.2	26.2	26.5	26.6	26.9	26.9	27.1	27.0	27.2	27.1	27.2	27.1	27.2	27.1
60	22.6	22.6	22.5	22.4	22.3	22.4	22.4	22.6	22.6	23.0	22.9	23.1	23.0	23.1	23.1	23.2	23.1	23.1	23.0
65	18.7	18.7	18.5	18.5	18.4	18.5	18.5	18.6	18.6	18.9	18.8	19.0	18.9	19.0	18.9	19.0	18.9	19.0	18.8
70	14.7	14.8	14.6	14.6	14.4	14.5	14.5	14.6	14.6	14.8	14.7	14.8	14.7	14.8	14.7	14.8	14.7	14.8	14.6
75	10.8	10.8	10.7	10.7	10.5	10.6	10.5	10.6	10.5	10.7	10.6	10.7	10.6	10.7	10.5	10.6	10.5	10.6	10.5
80	6.91	6.97	6.81	6.82	6.65	6.68	6.59	6.64	6.52	6.69	6.57	6.62	6.51	6.59	6.47	6.53	6.41	6.49	6.38
85	3.26	3.31	3.15	3.13	2.96	2.98	2.88	2.92	2.80	2.93	2.82	2.86	2.76	2.81	2.71	2.75	2.66	2.72	2.63
90	0.76	0.72	0.75	0.70	0.75	0.69	0.74	0.68	0.73	0.67	0.70	0.64	0.69	0.66	0.70	0.64	0.69	0.64	0.68
95	0.67	0.62	0.66	0.61	0.66	0.61	0.66	0.61	0.66	0.60	0.64	0.60	0.63	0.60	0.64	0.61	0.64	0.60	0.63
100	0.61	0.57	0.60	0.57	0.60	0.57	0.61	0.59	0.62	0.60	0.61	0.58	0.60	0.59	0.61	0.59	0.60	0.59	0.60
105	0.58	0.57	0.57	0.57	0.58	0.57	0.59	0.59	0.59	0.60	0.59	0.58	0.58	0.59	0.59	0.60	0.59	0.60	0.59
110	0.57	0.57	0.56	0.57	0.57	0.57	0.58	0.59	0.58	0.60	0.59	0.58	0.58	0.59	0.59	0.60	0.59	0.60	0.59
115	0.57	0.57	0.55	0.57	0.57	0.58	0.58	0.59	0.58	0.60	0.59	0.60	0.58	0.60	0.59	0.61	0.59	0.61	0.59
120	0.57	0.58	0.55	0.59	0.57	0.59	0.58	0.60	0.58	0.61	0.59	0.61	0.58	0.62	0.59	0.62	0.59	0.63	0.59
125	0.57	0.60	0.55	0.60	0.57	0.60	0.58	0.62	0.59	0.63	0.59	0.62	0.60	0.63	0.60	0.63	0.60	0.64	0.61
130	0.57	0.62	0.57	0.62	0.58	0.62	0.59	0.64	0.61	0.64	0.61	0.64	0.61	0.65	0.61	0.65	0.61	0.66	0.61
135	0.61	0.65	0.62	0.65	0.61	0.66	0.61	0.65	0.62	0.66	0.62	0.66	0.62	0.67	0.62	0.67	0.63	0.67	0.62
140	0.62	0.68	0.62	0.67	0.62	0.68	0.62	0.67	0.63	0.68	0.63	0.67	0.63	0.69	0.64	0.69	0.64	0.69	0.64
145	0.65	0.68	0.64	0.68	0.66	0.68	0.64	0.69	0.66	0.70	0.66	0.70	0.68	0.70	0.67	0.70	0.67	0.71	0.67
150	0.67	0.68	0.67	0.68	0.69	0.68	0.67	0.69	0.68	0.70	0.68	0.70	0.70	0.70	0.68	0.70	0.68	0.71	0.68
155	0.68	0.67	0.68	0.68	0.69	0.68	0.68	0.69	0.69	0.70	0.69	0.70	0.70	0.70	0.69	0.70	0.70	0.71	0.70
160	0.64	0.60	0.64	0.60	0.66	0.62	0.68	0.65	0.69	0.69	0.70	0.68	0.70	0.70	0.70	0.71	0.71	0.71	0.71
165	0.48	0.44	0.49	0.47	0.54	0.52	0.58	0.54	0.61	0.57	0.65	0.61	0.67	0.63	0.69	0.64	0.69	0.64	0.70
170	0.44	0.43	0.43	0.43	0.45	0.44	0.47	0.44	0.50	0.47	0.53	0.48	0.55	0.52	0.57	0.52	0.58	0.53	0.58
175	0.44	0.43	0.43	0.43	0.44	0.44	0.44	0.44	0.44	0.43	0.43	0.43	0.44	0.43	0.44	0.43	0.45	0.44	0.45
180	0.44	0.44	0.43	0.43	0.44	0.44	0.44	0.44	0.43	0.43	0.44	0.43	0.44	0.43	0.43	0.43	0.44	0.44	0.43

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:yechihong  
 Test Date:2020-06-05

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.272  
 Humidity:70%  
 Test Distance:8.425m [K=1.0000]  
 Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.3V I:0.0614A P:5.980W PF:0.4233 Lamp Flux:149.087x1 lm																		
NAME: Linear 桌灯									TYPE:					WEIGHT:				
DIM.:									SPEC.:					SERIAL No.:202000605A0001				
MFR.: TARGET									SUR.:0.22*0.1					PROTECTION ANGLE:				

Table--2

UNIT: cd

C(DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	32.4	32.4	32.4	32.4	32.4	32.4	32.3	32.4	32.3	32.3	32.4	32.4	32.5	32.5	32.4	32.5	32.4	32.5	32.5
5	38.0	38.0	37.7	37.5	37.1	36.8	36.3	36.0	35.5	35.1	34.5	34.0	33.3	33.0	32.6	32.4	32.4	32.6	32.5
10	45.2	45.1	44.6	44.2	43.5	42.9	42.2	41.4	40.6	39.8	38.9	38.1	36.9	36.1	35.1	34.4	33.8	34.0	34.1
15	49.8	49.6	49.2	48.8	48.1	47.4	46.6	45.8	44.9	44.1	43.2	42.7	41.6	41.0	40.3	39.9	39.5	39.6	39.7
20	48.6	48.5	48.4	48.3	48.2	48.0	47.7	47.3	46.7	46.0	45.4	44.8	44.4	44.1	43.9	43.8	43.7	43.8	43.9
25	46.7	46.6	46.5	46.3	46.2	46.0	45.8	45.5	45.2	44.8	44.4	44.0	44.0	43.8	43.8	43.9	43.9	44.1	44.0
30	44.2	44.1	44.0	43.9	43.8	43.6	43.4	43.1	42.9	42.5	42.1	41.7	41.7	41.5	41.6	41.6	41.6	41.8	41.8
35	41.4	41.2	41.2	41.1	41.0	40.8	40.6	40.4	40.2	39.8	39.4	39.1	39.1	39.0	39.0	39.0	39.1	39.2	39.1
40	38.2	38.1	38.1	37.9	37.9	37.7	37.5	37.3	37.1	36.8	36.5	36.2	36.2	36.1	36.1	36.1	36.2	36.3	36.2
45	34.7	34.6	34.6	34.5	34.5	34.3	34.2	34.0	33.8	33.5	33.3	33.0	33.1	32.9	33.0	32.9	33.0	33.1	33.0
50	31.1	30.9	30.9	30.8	30.8	30.6	30.6	30.4	30.3	30.0	29.8	29.5	29.7	29.5	29.6	29.5	29.6	29.7	29.6
55	27.1	27.0	27.1	26.9	27.0	26.8	26.8	26.6	26.5	26.2	26.2	25.9	26.1	25.9	26.0	25.9	26.1	26.1	26.0
60	23.1	22.9	23.0	22.9	23.0	22.8	22.8	22.6	22.6	22.4	22.3	22.1	22.3	22.2	22.3	22.2	22.3	22.3	22.3
65	18.9	18.8	18.9	18.8	18.9	18.7	18.7	18.6	18.6	18.4	18.4	18.2	18.5	18.3	18.5	18.4	18.5	18.5	18.4
70	14.7	14.6	14.7	14.6	14.7	14.5	14.6	14.5	14.5	14.4	14.4	14.3	14.6	14.5	14.6	14.5	14.6	14.6	14.5
75	10.5	10.4	10.5	10.4	10.5	10.4	10.5	10.4	10.5	10.4	10.5	10.4	10.7	10.6	10.7	10.7	10.8	10.7	10.6
80	6.47	6.37	6.47	6.37	6.49	6.38	6.48	6.41	6.52	6.43	6.55	6.48	6.80	6.75	6.91	6.86	6.96	6.93	6.85
85	2.70	2.62	2.71	2.63	2.73	2.66	2.75	2.70	2.80	2.74	2.87	2.82	3.14	3.11	3.26	3.23	3.35	3.30	3.24
90	0.64	0.69	0.64	0.70	0.64	0.69	0.63	0.69	0.66	0.72	0.67	0.73	0.69	0.74	0.69	0.74	0.69	0.65	0.69
95	0.59	0.63	0.59	0.63	0.60	0.63	0.58	0.63	0.60	0.64	0.60	0.64	0.60	0.64	0.60	0.64	0.60	0.57	0.61
100	0.59	0.60	0.59	0.60	0.59	0.59	0.58	0.60	0.59	0.61	0.58	0.59	0.57	0.59	0.56	0.59	0.55	0.54	0.57
105	0.59	0.59	0.59	0.59	0.59	0.58	0.58	0.58	0.59	0.59	0.58	0.58	0.57	0.57	0.56	0.56	0.55	0.54	0.54
110	0.60	0.59	0.60	0.59	0.59	0.58	0.58	0.58	0.59	0.58	0.58	0.57	0.57	0.56	0.56	0.55	0.55	0.54	0.53
115	0.61	0.59	0.61	0.59	0.61	0.58	0.60	0.58	0.60	0.58	0.59	0.57	0.57	0.56	0.57	0.55	0.56	0.54	0.53
120	0.62	0.59	0.62	0.59	0.62	0.58	0.61	0.58	0.61	0.58	0.60	0.57	0.59	0.56	0.58	0.55	0.57	0.56	0.53
125	0.64	0.61	0.64	0.61	0.63	0.58	0.63	0.59	0.62	0.59	0.62	0.57	0.61	0.56	0.60	0.55	0.59	0.58	0.53
130	0.66	0.61	0.66	0.61	0.65	0.61	0.64	0.61	0.64	0.60	0.64	0.60	0.62	0.57	0.62	0.57	0.62	0.59	0.54
135	0.67	0.63	0.67	0.62	0.67	0.62	0.67	0.62	0.66	0.62	0.67	0.60	0.66	0.61	0.64	0.60	0.65	0.62	0.57
140	0.69	0.65	0.69	0.64	0.69	0.63	0.68	0.63	0.68	0.63	0.69	0.63	0.68	0.62	0.66	0.62	0.67	0.65	0.60
145	0.72	0.68	0.71	0.66	0.71	0.67	0.70	0.67	0.70	0.67	0.70	0.66	0.69	0.64	0.68	0.64	0.68	0.67	0.62
150	0.71	0.68	0.71	0.68	0.71	0.68	0.71	0.67	0.70	0.68	0.70	0.67	0.69	0.67	0.68	0.67	0.68	0.67	0.64
155	0.71	0.70	0.71	0.70	0.71	0.69	0.71	0.70	0.70	0.70	0.70	0.69	0.69	0.68	0.68	0.68	0.67	0.66	0.67
160	0.72	0.72	0.71	0.71	0.71	0.70	0.70	0.70	0.67	0.70	0.65	0.70	0.63	0.66	0.60	0.64	0.58	0.57	0.62
165	0.64	0.69	0.64	0.69	0.63	0.67	0.62	0.66	0.59	0.62	0.55	0.59	0.52	0.55	0.48	0.50	0.44	0.42	0.48
170	0.53	0.58	0.52	0.58	0.52	0.56	0.50	0.53	0.47	0.51	0.45	0.48	0.44	0.46	0.43	0.44	0.44	0.42	0.43
175	0.43	0.45	0.44	0.45	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.43	0.44	0.44	0.42	0.43
180	0.43	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.43	0.44	0.44	0.42	0.43

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:yechihong  
 Test Date:2020-06-05

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.272  
 Humidity:70%  
 Test Distance:8.425m [K=1.0000]  
 Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.3V I:0.0614A P:5.980W PF:0.4233 Lamp Flux:149.087x1 lm																			
NAME: Linear 桌灯										TYPE:					WEIGHT:				
DIM.:										SPEC.:					SERIAL No.:202000605A0001				
MFR.: TARGET										SUR.:0.22*0.1					PROTECTION ANGLE:				

Table--3

UNIT: cd

C(DEC) γ (DEC)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	32.5	32.5	32.5	32.5	32.5	32.5	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
5	32.7	32.9	33.2	33.7	34.1	34.7	35.1	35.7	36.1	36.5	36.8	37.3	37.5	37.8	37.9	38.1	38.1	38.3	38.1
10	34.8	35.7	36.5	37.5	38.3	39.1	39.9	40.9	41.6	42.4	43.1	43.7	44.2	44.7	45.0	45.3	45.3	45.4	45.2
15	40.0	40.6	41.2	42.1	42.8	43.6	44.3	45.3	46.0	46.9	47.7	48.4	49.0	49.4	49.7	49.8	49.9	49.9	49.8
20	43.9	44.1	44.3	44.6	45.1	45.6	46.3	47.0	47.5	47.8	48.1	48.2	48.4	48.5	48.6	48.6	48.6	48.6	48.6
25	43.9	43.9	43.9	44.0	44.3	44.6	45.0	45.3	45.6	45.8	46.1	46.2	46.4	46.4	46.5	46.6	46.6	46.5	46.6
30	41.7	41.7	41.7	41.8	42.0	42.3	42.7	42.9	43.2	43.4	43.7	43.8	43.9	44.0	44.1	44.1	44.2	44.1	44.1
35	39.1	39.1	39.1	39.1	39.4	39.6	40.0	40.2	40.5	40.7	40.9	41.0	41.1	41.2	41.3	41.3	41.3	41.3	41.3
40	36.2	36.2	36.2	36.2	36.4	36.6	37.0	37.1	37.4	37.6	37.8	37.8	38.0	38.0	38.1	38.1	38.2	38.1	38.2
45	33.1	33.0	33.0	33.0	33.2	33.4	33.8	33.8	34.1	34.2	34.4	34.4	34.6	34.6	34.7	34.6	34.7	34.7	34.7
50	29.7	29.6	29.6	29.6	29.8	29.9	30.2	30.2	30.5	30.6	30.7	30.7	30.9	30.9	31.0	31.0	31.0	31.0	31.0
55	26.1	26.0	26.0	25.9	26.1	26.2	26.5	26.5	26.7	26.7	26.9	26.9	27.0	27.0	27.1	27.1	27.2	27.1	27.2
60	22.3	22.2	22.3	22.2	22.3	22.4	22.6	22.6	22.8	22.8	22.9	22.9	23.0	23.0	23.1	23.0	23.1	23.0	23.1
65	18.5	18.4	18.4	18.3	18.4	18.4	18.7	18.5	18.7	18.7	18.8	18.8	18.9	18.8	18.9	18.9	19.0	18.9	19.0
70	14.6	14.5	14.5	14.4	14.5	14.4	14.6	14.5	14.6	14.5	14.7	14.6	14.7	14.6	14.7	14.7	14.8	14.7	14.8
75	10.7	10.6	10.6	10.5	10.5	10.5	10.6	10.4	10.5	10.4	10.5	10.4	10.6	10.5	10.6	10.5	10.6	10.5	10.6
80	6.91	6.78	6.81	6.64	6.66	6.55	6.64	6.44	6.53	6.43	6.51	6.42	6.51	6.42	6.50	6.42	6.52	6.45	6.55
85	3.27	3.13	3.14	2.98	2.98	2.86	2.92	2.73	2.78	2.70	2.76	2.67	2.74	2.66	2.73	2.66	2.74	2.68	2.77
90	0.65	0.70	0.64	0.68	0.63	0.68	0.62	0.65	0.58	0.63	0.59	0.64	0.59	0.64	0.59	0.63	0.57	0.64	0.59
95	0.56	0.61	0.57	0.61	0.56	0.61	0.56	0.59	0.55	0.58	0.55	0.59	0.56	0.60	0.56	0.58	0.56	0.59	0.56
100	0.53	0.57	0.54	0.57	0.55	0.57	0.56	0.57	0.55	0.56	0.55	0.57	0.56	0.57	0.56	0.57	0.56	0.57	0.56
105	0.53	0.54	0.54	0.55	0.55	0.55	0.56	0.56	0.55	0.55	0.55	0.56	0.56	0.56	0.56	0.56	0.56	0.57	0.56
110	0.53	0.53	0.54	0.54	0.55	0.55	0.57	0.56	0.56	0.55	0.55	0.56	0.57	0.56	0.57	0.56	0.57	0.56	0.57
115	0.54	0.53	0.54	0.54	0.55	0.55	0.57	0.56	0.57	0.55	0.56	0.56	0.57	0.56	0.58	0.56	0.58	0.56	0.58
120	0.55	0.53	0.55	0.54	0.57	0.55	0.58	0.56	0.57	0.56	0.58	0.56	0.59	0.56	0.59	0.56	0.59	0.56	0.59
125	0.57	0.54	0.58	0.54	0.58	0.55	0.59	0.56	0.59	0.56	0.59	0.57	0.60	0.56	0.60	0.56	0.60	0.56	0.61
130	0.59	0.54	0.59	0.54	0.60	0.56	0.61	0.56	0.62	0.56	0.61	0.57	0.62	0.57	0.62	0.57	0.62	0.57	0.62
135	0.61	0.57	0.62	0.57	0.62	0.59	0.62	0.61	0.63	0.58	0.63	0.61	0.64	0.60	0.64	0.59	0.64	0.61	0.63
140	0.64	0.60	0.64	0.61	0.65	0.62	0.65	0.62	0.65	0.60	0.65	0.62	0.66	0.61	0.66	0.61	0.66	0.61	0.66
145	0.67	0.62	0.67	0.62	0.67	0.62	0.67	0.62	0.67	0.62	0.67	0.63	0.68	0.63	0.68	0.63	0.68	0.63	0.67
150	0.67	0.67	0.68	0.64	0.67	0.65	0.68	0.66	0.68	0.65	0.68	0.65	0.69	0.66	0.69	0.65	0.69	0.65	0.68
155	0.66	0.69	0.67	0.67	0.67	0.68	0.68	0.67	0.68	0.67	0.68	0.67	0.69	0.68	0.69	0.68	0.69	0.67	0.68
160	0.58	0.64	0.61	0.66	0.62	0.68	0.64	0.68	0.67	0.69	0.68	0.69	0.68	0.69	0.69	0.69	0.69	0.69	0.68
165	0.46	0.52	0.49	0.56	0.53	0.58	0.56	0.62	0.59	0.65	0.61	0.67	0.62	0.68	0.62	0.68	0.62	0.67	0.62
170	0.43	0.44	0.43	0.46	0.44	0.48	0.46	0.51	0.47	0.53	0.49	0.55	0.53	0.57	0.52	0.56	0.52	0.56	0.52
175	0.43	0.43	0.43	0.44	0.44	0.43	0.43	0.43	0.43	0.44	0.43	0.44	0.44	0.44	0.43	0.44	0.43	0.44	0.43
180	0.43	0.43	0.43	0.44	0.44	0.43	0.43	0.43	0.43	0.43	0.43	0.44	0.44	0.43	0.43	0.43	0.43	0.43	0.43

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:yechihong  
 Test Date:2020-06-05

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.272  
 Humidity:70%  
 Test Distance:8.425m [K=1.0000]  
 Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.3V I:0.0614A P:5.980W PF:0.4233 Lamp Flux:149.087x1 lm																	
NAME: Linear 桌灯									TYPE:						WEIGHT:		
DIM.:									SPEC.:						SERIAL No.:202000605A0001		
MFR.: TARGET									SUR.:0.22*0.1						PROTECTION ANGLE:		

Table--4

UNIT: cd

C(DEC) γ (DEC)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	32.4	32.4	32.4	32.4	32.3	32.4	32.3	32.3	32.4	32.4	32.5	32.5	32.4	32.5	32.4				
5	38.1	37.8	37.9	37.5	37.3	36.9	36.6	36.2	35.8	35.3	35.3	34.8	34.4	34.0	33.6				
10	45.0	44.6	44.2	43.6	43.1	42.4	41.7	40.9	40.3	39.5	39.1	38.2	37.4	36.4	35.7				
15	49.6	49.2	48.7	48.0	47.3	46.4	45.6	44.8	44.1	43.4	43.0	42.3	41.8	41.1	40.6				
20	48.5	48.5	48.4	48.2	48.0	47.7	47.2	46.5	45.9	45.4	45.0	44.8	44.6	44.5	44.4				
25	46.5	46.5	46.3	46.2	46.0	45.8	45.6	45.2	44.8	44.5	44.2	44.2	44.2	44.3	44.4				
30	44.1	44.0	43.9	43.8	43.6	43.4	43.2	42.9	42.5	42.2	41.9	41.9	41.9	42.1	42.1				
35	41.2	41.2	41.1	41.0	40.8	40.7	40.4	40.2	39.8	39.6	39.3	39.3	39.3	39.4	39.5				
40	38.1	38.1	38.0	37.9	37.8	37.6	37.4	37.2	36.8	36.6	36.3	36.3	36.4	36.5	36.5				
45	34.6	34.7	34.5	34.6	34.4	34.3	34.1	33.9	33.6	33.4	33.1	33.1	33.2	33.3	33.3				
50	31.0	31.0	30.9	30.9	30.7	30.7	30.5	30.3	30.0	29.9	29.6	29.7	29.7	29.9	29.8				
55	27.1	27.2	27.0	27.1	26.9	26.9	26.7	26.6	26.4	26.3	26.0	26.1	26.1	26.2	26.2				
60	23.0	23.2	23.0	23.1	22.9	22.9	22.8	22.7	22.5	22.5	22.2	22.3	22.3	22.4	22.4				
65	18.9	19.0	18.9	19.0	18.8	18.9	18.7	18.8	18.5	18.6	18.2	18.4	18.4	18.5	18.5				
70	14.7	14.8	14.7	14.8	14.7	14.8	14.7	14.7	14.5	14.6	14.3	14.5	14.4	14.6	14.5				
75	10.5	10.7	10.6	10.7	10.6	10.7	10.6	10.7	10.5	10.6	10.4	10.5	10.5	10.7	10.6				
80	6.47	6.59	6.51	6.63	6.56	6.67	6.60	6.73	6.62	6.75	6.53	6.70	6.69	6.85	6.80				
85	2.71	2.82	2.75	2.87	2.83	2.93	2.87	2.99	2.92	3.05	2.86	3.02	3.02	3.19	3.17				
90	0.64	0.61	0.65	0.60	0.65	0.61	0.68	0.64	0.69	0.65	0.70	0.66	0.71	0.67	0.71				
95	0.59	0.57	0.60	0.56	0.60	0.57	0.62	0.58	0.62	0.58	0.63	0.57	0.62	0.57	0.62				
100	0.57	0.57	0.58	0.56	0.58	0.57	0.59	0.57	0.59	0.55	0.59	0.54	0.57	0.54	0.57				
105	0.56	0.57	0.57	0.56	0.57	0.57	0.57	0.57	0.57	0.55	0.56	0.54	0.56	0.54	0.54				
110	0.56	0.57	0.57	0.56	0.57	0.57	0.57	0.57	0.56	0.55	0.55	0.55	0.54	0.54	0.53				
115	0.56	0.57	0.57	0.57	0.57	0.58	0.57	0.57	0.56	0.56	0.55	0.56	0.54	0.54	0.53				
120	0.56	0.58	0.57	0.58	0.57	0.59	0.57	0.58	0.56	0.57	0.55	0.57	0.54	0.55	0.53				
125	0.56	0.60	0.57	0.59	0.57	0.60	0.57	0.60	0.56	0.58	0.55	0.57	0.54	0.57	0.53				
130	0.57	0.62	0.57	0.62	0.57	0.62	0.57	0.61	0.56	0.60	0.55	0.59	0.54	0.59	0.53				
135	0.59	0.63	0.61	0.63	0.61	0.64	0.60	0.64	0.57	0.62	0.57	0.62	0.57	0.61	0.56				
140	0.61	0.65	0.61	0.65	0.61	0.66	0.61	0.65	0.61	0.65	0.60	0.65	0.61	0.64	0.61				
145	0.62	0.67	0.63	0.67	0.62	0.68	0.63	0.67	0.62	0.67	0.62	0.67	0.62	0.67	0.61				
150	0.64	0.68	0.65	0.68	0.65	0.68	0.65	0.67	0.65	0.67	0.65	0.67	0.64	0.67	0.63				
155	0.67	0.68	0.68	0.68	0.67	0.68	0.68	0.67	0.67	0.67	0.67	0.66	0.67	0.65	0.67				
160	0.68	0.68	0.68	0.68	0.68	0.67	0.68	0.63	0.67	0.62	0.66	0.59	0.63	0.57	0.61				
165	0.68	0.62	0.67	0.61	0.64	0.59	0.62	0.55	0.58	0.52	0.54	0.47	0.49	0.43	0.46				
170	0.56	0.51	0.55	0.49	0.53	0.47	0.50	0.44	0.47	0.43	0.45	0.43	0.43	0.43	0.42				
175	0.44	0.43	0.43	0.44	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.42				
180	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.42				

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25DEG  
Operators:yechihong  
Test Date:2020-06-05

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.272  
Humidity:70%  
Test Distance:8.425m [K=1.0000]  
Remarks:

Photometric Data Table [cd]

G/C	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0
0.0	32.52	32.55	32.49	32.50	32.48	32.49	32.47	32.45	32.43	32.43
2.5	32.88	32.97	33.08	33.22	33.40	33.50	33.71	33.77	34.02	33.98
5.0	33.54	33.73	34.08	34.40	34.88	35.20	35.69	36.03	36.45	36.63
7.5	34.32	34.66	35.24	35.84	36.57	37.16	37.87	38.39	39.06	39.46
10.0	35.27	35.84	36.72	37.48	38.42	39.07	39.91	40.53	41.31	41.80
12.5	37.78	38.22	39.00	39.75	40.60	41.19	41.99	42.62	43.42	43.95
15.0	40.66	40.90	41.42	41.92	42.62	43.14	43.74	44.37	45.13	45.75
17.5	43.07	43.10	43.45	43.67	44.11	44.50	45.01	45.59	46.26	46.94
20.0	44.61	44.59	44.67	44.76	44.94	45.22	45.59	46.14	46.74	47.39
22.5	45.11	45.06	45.02	44.98	45.05	45.18	45.54	46.01	46.43	46.82
25.0	44.65	44.59	44.47	44.37	44.31	44.41	44.68	45.04	45.39	45.76
27.5	43.54	43.49	43.36	43.29	43.21	43.33	43.54	43.90	44.25	44.61
30.0	42.37	42.33	42.18	42.10	42.02	42.13	42.35	42.71	43.01	43.38
32.5	41.07	41.03	40.88	40.82	40.72	40.86	41.04	41.39	41.68	42.05
35.0	39.70	39.68	39.53	39.48	39.36	39.47	39.67	40.02	40.27	40.66
37.5	38.27	38.25	38.10	38.06	37.92	38.09	38.22	38.59	38.78	39.16
40.0	36.73	36.73	36.56	36.53	36.40	36.56	36.67	37.03	37.22	37.60
42.5	35.14	35.16	34.99	34.96	34.83	34.98	35.10	35.42	35.59	35.99
45.0	33.52	33.54	33.35	33.33	33.18	33.31	33.45	33.73	33.89	34.26
47.5	31.80	31.82	31.66	31.64	31.49	31.61	31.73	32.00	32.13	32.50
50.0	30.02	30.08	29.89	29.88	29.73	29.86	29.94	30.21	30.32	30.68
52.5	28.21	28.28	28.09	28.08	27.93	28.07	28.12	28.38	28.47	28.82
55.0	26.36	26.42	26.24	26.23	26.08	26.20	26.24	26.48	26.57	26.90
57.5	24.48	24.53	24.36	24.36	24.22	24.32	24.33	24.59	24.62	24.95
60.0	22.55	22.61	22.45	22.44	22.28	22.40	22.40	22.63	22.64	22.95
62.5	20.61	20.65	20.49	20.50	20.34	20.46	20.45	20.64	20.64	20.92
65.0	18.66	18.71	18.53	18.54	18.38	18.51	18.46	18.64	18.63	18.89
67.5	16.67	16.72	16.56	16.57	16.42	16.51	16.49	16.63	16.58	16.85
70.0	14.70	14.76	14.59	14.61	14.45	14.52	14.46	14.61	14.56	14.80
72.5	12.72	12.78	12.60	12.63	12.47	12.54	12.48	12.60	12.51	12.75
75.0	10.76	10.83	10.66	10.68	10.52	10.58	10.50	10.58	10.50	10.70
77.5	8.821	8.885	8.722	8.735	8.562	8.625	8.539	8.607	8.497	8.683
80.0	6.912	6.972	6.812	6.817	6.646	6.677	6.593	6.641	6.520	6.691
82.5	5.065	5.111	4.967	4.961	4.779	4.811	4.704	4.744	4.620	4.769
85.0	3.255	3.307	3.146	3.135	2.958	2.983	2.883	2.916	2.797	2.929
87.5	1.555	1.574	1.444	1.440	1.320	1.348	1.290	1.306	1.240	1.330
90.0	0.7610	0.7190	0.7518	0.7016	0.7517	0.6925	0.7429	0.6834	0.7250	0.6699
92.5	0.7064	0.6608	0.7017	0.6562	0.6976	0.6427	0.6927	0.6382	0.6837	0.6202
95.0	0.6655	0.6156	0.6612	0.6107	0.6609	0.6111	0.6564	0.6065	0.6609	0.6021
97.5	0.6338	0.5885	0.6247	0.5928	0.6293	0.5884	0.6338	0.5885	0.6294	0.5975
100.0	0.6066	0.5704	0.6019	0.5704	0.6021	0.5704	0.6111	0.5885	0.6157	0.5975
102.5	0.5886	0.5704	0.5752	0.5704	0.5885	0.5704	0.5931	0.5885	0.6065	0.5975
105.0	0.5794	0.5704	0.5659	0.5704	0.5794	0.5704	0.5885	0.5885	0.5887	0.5975
107.5	0.5704	0.5704	0.5613	0.5704	0.5749	0.5704	0.5797	0.5885	0.5885	0.5975
110.0	0.5704	0.5704	0.5568	0.5704	0.5749	0.5705	0.5794	0.5885	0.5840	0.5975
112.5	0.5659	0.5704	0.5612	0.5749	0.5749	0.5749	0.5794	0.5885	0.5840	0.5976
115.0	0.5659	0.5749	0.5523	0.5749	0.5749	0.5794	0.5794	0.5885	0.5840	0.6021
117.5	0.5659	0.5794	0.5523	0.5794	0.5749	0.5840	0.5794	0.5975	0.5840	0.6066
120.0	0.5659	0.5840	0.5523	0.5930	0.5749	0.5886	0.5794	0.6021	0.5794	0.6112
122.5	0.5659	0.5886	0.5523	0.5975	0.5749	0.6020	0.5794	0.6112	0.5794	0.6203
125.0	0.5659	0.6022	0.5523	0.6021	0.5749	0.6022	0.5794	0.6157	0.5885	0.6292
127.5	0.5659	0.6111	0.5566	0.6112	0.5749	0.6111	0.5794	0.6247	0.6065	0.6383
130.0	0.5749	0.6248	0.5703	0.6248	0.5839	0.6249	0.5930	0.6383	0.6066	0.6429
132.5	0.5976	0.6428	0.6065	0.6428	0.6110	0.6428	0.6066	0.6429	0.6066	0.6519
135.0	0.6110	0.6474	0.6155	0.6519	0.6066	0.6564	0.6066	0.6521	0.6156	0.6610
137.5	0.6153	0.6611	0.6111	0.6609	0.6111	0.6609	0.6111	0.6654	0.6202	0.6790
140.0	0.6202	0.6790	0.6247	0.6700	0.6247	0.6789	0.6202	0.6745	0.6291	0.6836
142.5	0.6338	0.6836	0.6336	0.6836	0.6383	0.6790	0.6337	0.6926	0.6383	0.6883
145.0	0.6518	0.6836	0.6428	0.6836	0.6563	0.6790	0.6428	0.6881	0.6609	0.6971
147.5	0.6608	0.6836	0.6610	0.6836	0.6745	0.6790	0.6609	0.6881	0.6836	0.6971
150.0	0.6745	0.6836	0.6747	0.6836	0.6881	0.6790	0.6700	0.6881	0.6836	0.6971
152.5	0.6879	0.6836	0.6790	0.6836	0.6881	0.6790	0.6745	0.6881	0.6836	0.6971
155.0	0.6836	0.6743	0.6790	0.6790	0.6926	0.6789	0.6836	0.6882	0.6925	0.6971
157.5	0.6836	0.6382	0.6790	0.6427	0.6926	0.6743	0.6836	0.6745	0.6881	0.6926
160.0	0.6384	0.6013	0.6430	0.5974	0.6565	0.6244	0.6836	0.6472	0.6881	0.6880
162.5	0.5574	0.5160	0.5662	0.5339	0.6067	0.5703	0.6383	0.6066	0.6613	0.6246
165.0	0.4800	0.4390	0.4892	0.4704	0.5387	0.5160	0.5795	0.5432	0.6112	0.5749
167.5	0.4436	0.4346	0.4391	0.4346	0.4889	0.4571	0.5206	0.4888	0.5572	0.5205
170.0	0.4436	0.4346	0.4346	0.4346	0.4482	0.4391	0.4663	0.4436	0.4982	0.4662
172.5	0.4436	0.4346	0.4346	0.4346	0.4391	0.4391	0.4392	0.4391	0.4440	0.4346
175.0	0.4436	0.4346	0.4346	0.4346	0.4391	0.4391	0.4391	0.4391	0.4346	0.4346
177.5	0.4436	0.4346	0.4346	0.4346	0.4391	0.4391	0.4391	0.4391	0.4346	0.4346
180.0	0.4436	0.4391	0.4346	0.4346	0.4391	0.4391	0.4391	0.4391	0.4346	0.4346

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators: yechihong  
 Test Date: 2020-06-05

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.272  
 Humidity: 70%  
 Test Distance: 8.425m [K=1.0000]  
 Remarks:

Photometric Data Table [cd]

G/C	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0
0.0	32.42	32.42	32.44	32.44	32.44	32.44	32.44	32.43	32.43	32.37
2.5	34.14	34.21	34.37	34.39	34.54	34.50	34.57	34.47	34.51	34.35
5.0	37.05	37.27	37.65	37.75	38.07	38.06	38.28	38.16	38.27	38.03
7.5	40.05	40.47	40.96	41.25	41.65	41.80	42.04	42.01	42.08	41.84
10.0	42.56	43.17	43.80	44.25	44.77	45.02	45.36	45.37	45.45	45.23
12.5	44.83	45.51	46.30	46.89	47.51	47.87	48.20	48.27	48.34	48.14
15.0	46.63	47.38	48.17	48.78	49.30	49.65	49.84	49.92	49.91	49.82
17.5	47.69	48.38	48.95	49.26	49.41	49.49	49.52	49.52	49.50	49.47
20.0	47.94	48.17	48.35	48.50	48.59	48.65	48.71	48.70	48.67	48.63
22.5	47.04	47.26	47.44	47.56	47.64	47.75	47.75	47.76	47.73	47.72
25.0	45.99	46.23	46.36	46.49	46.56	46.65	46.67	46.70	46.66	46.65
27.5	44.84	45.07	45.18	45.34	45.40	45.50	45.49	45.53	45.48	45.48
30.0	43.59	43.83	43.89	44.09	44.12	44.21	44.20	44.26	44.19	44.20
32.5	42.25	42.48	42.53	42.73	42.76	42.86	42.82	42.91	42.80	42.83
35.0	40.83	41.04	41.08	41.29	41.29	41.39	41.36	41.42	41.33	41.35
37.5	39.31	39.53	39.56	39.75	39.74	39.83	39.81	39.87	39.78	39.81
40.0	37.73	37.94	37.97	38.16	38.12	38.23	38.19	38.26	38.16	38.19
42.5	36.09	36.28	36.32	36.44	36.43	36.54	36.49	36.57	36.46	36.49
45.0	34.36	34.54	34.56	34.69	34.66	34.74	34.73	34.80	34.70	34.74
47.5	32.59	32.75	32.78	32.91	32.85	32.98	32.91	32.99	32.88	32.93
50.0	30.73	30.90	30.90	31.05	30.99	31.06	31.02	31.11	30.99	31.06
52.5	28.85	29.02	29.01	29.14	29.09	29.20	29.09	29.18	29.06	29.14
55.0	26.91	27.06	27.03	27.16	27.09	27.21	27.09	27.19	27.08	27.14
57.5	24.92	25.07	25.01	25.17	25.10	25.19	25.08	25.16	25.07	25.14
60.0	22.92	23.06	23.02	23.14	23.07	23.16	23.06	23.12	23.03	23.10
62.5	20.90	21.03	20.96	21.08	21.00	21.08	20.98	21.06	20.95	21.01
65.0	18.84	18.97	18.88	19.01	18.91	18.99	18.89	18.97	18.84	18.93
67.5	16.77	16.88	16.79	16.92	16.81	16.88	16.79	16.86	16.74	16.83
70.0	14.71	14.81	14.73	14.83	14.72	14.78	14.68	14.75	14.64	14.72
72.5	12.64	12.72	12.63	12.73	12.62	12.68	12.57	12.64	12.53	12.63
75.0	10.60	10.67	10.56	10.66	10.54	10.60	10.51	10.57	10.45	10.55
77.5	8.567	8.626	8.526	8.601	8.479	8.545	8.438	8.502	8.393	8.493
80.0	6.568	6.623	6.513	6.589	6.468	6.528	6.412	6.490	6.380	6.469
82.5	4.641	4.694	4.582	4.655	4.530	4.587	4.487	4.549	4.457	4.534
85.0	2.818	2.862	2.757	2.806	2.713	2.747	2.659	2.720	2.629	2.701
87.5	1.280	1.303	1.231	1.253	1.186	1.205	1.159	1.187	1.138	1.173
90.0	0.6981	0.6382	0.6938	0.6604	0.6977	0.6424	0.6935	0.6382	0.6843	0.6382
92.5	0.6609	0.6066	0.6566	0.6111	0.6609	0.6156	0.6609	0.6109	0.6564	0.6066
95.0	0.6384	0.5974	0.6293	0.6019	0.6428	0.6066	0.6382	0.5975	0.6292	0.5930
97.5	0.6202	0.5840	0.6112	0.5885	0.6157	0.5885	0.6202	0.5930	0.6157	0.5885
100.0	0.6066	0.5840	0.6021	0.5885	0.6111	0.5885	0.6022	0.5930	0.5977	0.5885
102.5	0.5930	0.5840	0.5885	0.5885	0.5975	0.5885	0.5975	0.5930	0.5975	0.5885
105.0	0.5885	0.5840	0.5797	0.5885	0.5930	0.5975	0.5930	0.6020	0.5930	0.5930
107.5	0.5885	0.5929	0.5794	0.5930	0.5930	0.6019	0.5930	0.5975	0.5885	0.5930
110.0	0.5885	0.5885	0.5794	0.5930	0.5930	0.5975	0.5930	0.6021	0.5885	0.5975
112.5	0.5885	0.5975	0.5794	0.5975	0.5930	0.6021	0.5930	0.6021	0.5885	0.6065
115.0	0.5885	0.5975	0.5794	0.6021	0.5930	0.6066	0.5930	0.6066	0.5885	0.6066
117.5	0.5885	0.6021	0.5794	0.6111	0.5930	0.6111	0.5930	0.6159	0.5885	0.6111
120.0	0.5885	0.6067	0.5794	0.6157	0.5930	0.6202	0.5930	0.6291	0.5885	0.6247
122.5	0.5885	0.6111	0.5794	0.6247	0.5975	0.6249	0.5975	0.6338	0.5975	0.6337
125.0	0.5930	0.6247	0.6020	0.6338	0.6022	0.6338	0.6021	0.6383	0.6066	0.6384
127.5	0.6111	0.6293	0.6066	0.6383	0.6066	0.6429	0.6064	0.6474	0.6066	0.6517
130.0	0.6066	0.6384	0.6111	0.6519	0.6066	0.6519	0.6066	0.6565	0.6066	0.6564
132.5	0.6066	0.6474	0.6111	0.6566	0.6111	0.6609	0.6156	0.6654	0.6157	0.6654
135.0	0.6154	0.6564	0.6203	0.6656	0.6246	0.6745	0.6292	0.6745	0.6247	0.6745
137.5	0.6202	0.6655	0.6202	0.6747	0.6247	0.6790	0.6338	0.6836	0.6338	0.6791
140.0	0.6292	0.6745	0.6292	0.6926	0.6428	0.6881	0.6428	0.6881	0.6384	0.6926
142.5	0.6427	0.6925	0.6473	0.6971	0.6519	0.6973	0.6564	0.7063	0.6607	0.7063
145.0	0.6608	0.6971	0.6834	0.7017	0.6655	0.7017	0.6700	0.7107	0.6700	0.7152
147.5	0.6790	0.6971	0.6971	0.7017	0.6745	0.7017	0.6700	0.7107	0.6745	0.7107
150.0	0.6790	0.6971	0.6971	0.7017	0.6790	0.7017	0.6790	0.7107	0.6834	0.7107
152.5	0.6790	0.6971	0.6971	0.7017	0.6836	0.7017	0.6881	0.7107	0.6881	0.7107
155.0	0.6880	0.6971	0.6971	0.7017	0.6926	0.7017	0.7016	0.7107	0.6971	0.7107
157.5	0.6926	0.6971	0.6971	0.7017	0.7015	0.7017	0.7017	0.7107	0.7018	0.7107
160.0	0.6971	0.6837	0.7017	0.7017	0.7017	0.7061	0.7107	0.7150	0.7062	0.7152
162.5	0.6882	0.6517	0.7017	0.6700	0.7017	0.6744	0.7107	0.6876	0.7107	0.6878
165.0	0.6474	0.6066	0.6702	0.6290	0.6926	0.6382	0.6927	0.6382	0.6972	0.6382
167.5	0.5884	0.5567	0.6157	0.5929	0.6382	0.6016	0.6430	0.6019	0.6385	0.5929
170.0	0.5253	0.4841	0.5481	0.5249	0.5704	0.5249	0.5798	0.5251	0.5797	0.5251
172.5	0.4619	0.4346	0.4845	0.4434	0.4935	0.4527	0.5030	0.4572	0.5076	0.4526
175.0	0.4346	0.4301	0.4391	0.4255	0.4436	0.4346	0.4483	0.4391	0.4527	0.4301
177.5	0.4346	0.4301	0.4391	0.4255	0.4346	0.4346	0.4436	0.4436	0.4346	0.4301
180.0	0.4391	0.4301	0.4391	0.4255	0.4346	0.4346	0.4436	0.4436	0.4301	0.4301

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators: yechihong  
 Test Date: 2020-06-05

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.272  
 Humidity: 70%  
 Test Distance: 8.425m [K=1.0000]  
 Remarks:



Photometric Data Table [cd]

G/C	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0
0.0	32.43	32.39	32.38	32.37	32.40	32.35	32.36	32.33	32.35	32.36
2.5	34.36	34.17	34.07	33.85	33.74	33.54	33.41	33.09	32.98	32.72
5.0	38.03	37.67	37.53	37.05	36.83	36.34	36.00	35.46	35.05	34.46
7.5	41.74	41.32	41.04	40.51	40.05	39.40	38.83	38.14	37.49	36.59
10.0	45.06	44.56	44.17	43.52	42.94	42.16	41.42	40.63	39.83	38.91
12.5	47.92	47.40	46.89	46.15	45.47	44.62	43.82	42.94	42.18	41.20
15.0	49.60	49.23	48.78	48.09	47.44	46.56	45.75	44.88	44.15	43.23
17.5	49.39	49.27	49.13	48.86	48.36	47.70	46.91	46.13	45.39	44.66
20.0	48.54	48.44	48.31	48.18	47.99	47.74	47.32	46.74	45.99	45.37
22.5	47.61	47.53	47.37	47.25	47.05	46.82	46.53	46.24	45.81	45.33
25.0	46.56	46.49	46.31	46.20	46.00	45.79	45.49	45.22	44.79	44.41
27.5	45.37	45.31	45.13	45.04	44.84	44.65	44.35	44.08	43.66	43.30
30.0	44.09	44.03	43.89	43.79	43.57	43.41	43.12	42.87	42.46	42.08
32.5	42.70	42.69	42.49	42.44	42.22	42.08	41.77	41.56	41.15	40.82
35.0	41.22	41.22	41.06	41.01	40.79	40.65	40.36	40.18	39.76	39.44
37.5	39.69	39.69	39.53	39.48	39.26	39.13	38.86	38.68	38.33	38.02
40.0	38.08	38.07	37.90	37.89	37.67	37.55	37.30	37.13	36.77	36.51
42.5	36.39	36.38	36.23	36.22	36.02	35.91	35.66	35.51	35.18	34.93
45.0	34.63	34.64	34.49	34.45	34.27	34.19	33.95	33.83	33.49	33.29
47.5	32.80	32.84	32.68	32.68	32.49	32.43	32.19	32.07	31.77	31.58
50.0	30.92	30.95	30.82	30.84	30.64	30.60	30.37	30.26	29.96	29.82
52.5	29.01	29.07	28.89	28.94	28.76	28.72	28.51	28.43	28.14	28.03
55.0	27.01	27.08	26.92	26.98	26.79	26.77	26.57	26.53	26.25	26.15
57.5	24.99	25.07	24.92	24.99	24.82	24.81	24.62	24.60	24.33	24.25
60.0	22.94	23.03	22.91	22.98	22.81	22.83	22.63	22.62	22.39	22.34
62.5	20.89	20.99	20.85	20.92	20.75	20.79	20.62	20.62	20.40	20.39
65.0	18.80	18.92	18.77	18.85	18.69	18.74	18.59	18.61	18.42	18.42
67.5	16.71	16.80	16.66	16.76	16.61	16.68	16.53	16.57	16.40	16.42
70.0	14.61	14.70	14.58	14.68	14.55	14.61	14.49	14.55	14.37	14.41
72.5	12.51	12.61	12.49	12.60	12.47	12.55	12.44	12.51	12.37	12.43
75.0	10.44	10.54	10.43	10.54	10.43	10.51	10.41	10.49	10.37	10.47
77.5	8.382	8.493	8.393	8.491	8.391	8.477	8.391	8.482	8.383	8.500
80.0	6.371	6.472	6.369	6.492	6.385	6.483	6.407	6.521	6.432	6.553
82.5	4.444	4.538	4.459	4.556	4.462	4.571	4.500	4.611	4.541	4.676
85.0	2.621	2.712	2.635	2.729	2.660	2.751	2.704	2.797	2.741	2.869
87.5	1.129	1.178	1.139	1.196	1.163	1.222	1.195	1.243	1.203	1.285
90.0	0.6932	0.6423	0.7020	0.6428	0.6883	0.6337	0.6885	0.6561	0.7198	0.6699
92.5	0.6565	0.6066	0.6655	0.6065	0.6564	0.6021	0.6565	0.6197	0.6790	0.6292
95.0	0.6339	0.5930	0.6338	0.5975	0.6293	0.5838	0.6339	0.5976	0.6428	0.5975
97.5	0.6111	0.5885	0.6201	0.5885	0.6022	0.5794	0.6113	0.5885	0.6292	0.5839
100.0	0.5976	0.5885	0.6022	0.5885	0.5930	0.5794	0.6021	0.5885	0.6066	0.5794
102.5	0.5931	0.5885	0.5930	0.5885	0.5840	0.5794	0.5885	0.5885	0.5930	0.5794
105.0	0.5885	0.5885	0.5885	0.5885	0.5794	0.5794	0.5840	0.5885	0.5885	0.5794
107.5	0.5885	0.5975	0.5885	0.5885	0.5794	0.5840	0.5840	0.5885	0.5885	0.5794
110.0	0.5885	0.5975	0.5885	0.5886	0.5794	0.5840	0.5840	0.5886	0.5840	0.5794
112.5	0.5885	0.6021	0.5885	0.5930	0.5794	0.5885	0.5840	0.5974	0.5840	0.5795
115.0	0.5885	0.6066	0.5885	0.6065	0.5794	0.5975	0.5840	0.6021	0.5840	0.5930
117.5	0.5885	0.6112	0.5885	0.6111	0.5794	0.5975	0.5840	0.6066	0.5840	0.5886
120.0	0.5885	0.6202	0.5885	0.6157	0.5794	0.6066	0.5840	0.6111	0.5840	0.6021
122.5	0.5885	0.6247	0.5885	0.6292	0.5794	0.6113	0.5840	0.6157	0.5840	0.6111
125.0	0.6063	0.6427	0.6066	0.6338	0.5794	0.6292	0.5885	0.6247	0.5885	0.6202
127.5	0.6066	0.6518	0.6066	0.6428	0.5974	0.6338	0.6111	0.6338	0.6020	0.6248
130.0	0.6066	0.6609	0.6066	0.6475	0.6111	0.6429	0.6066	0.6428	0.6021	0.6384
132.5	0.6156	0.6611	0.6111	0.6654	0.6111	0.6519	0.6066	0.6563	0.6111	0.6519
135.0	0.6292	0.6746	0.6200	0.6744	0.6156	0.6654	0.6157	0.6609	0.6157	0.6653
137.5	0.6336	0.6836	0.6292	0.6790	0.6203	0.6700	0.6292	0.6790	0.6291	0.6701
140.0	0.6470	0.6927	0.6428	0.6926	0.6338	0.6837	0.6338	0.6837	0.6338	0.6880
142.5	0.6654	0.7062	0.6563	0.7016	0.6429	0.6970	0.6518	0.6927	0.6428	0.6971
145.0	0.6790	0.7107	0.6609	0.7062	0.6654	0.7019	0.6699	0.7017	0.6744	0.6971
147.5	0.6790	0.7107	0.6700	0.7062	0.6744	0.7062	0.6789	0.7017	0.6745	0.6971
150.0	0.6835	0.7107	0.6790	0.7062	0.6789	0.7062	0.6745	0.7017	0.6789	0.6971
152.5	0.6926	0.7107	0.6881	0.7062	0.6880	0.7062	0.6836	0.7017	0.6881	0.6971
155.0	0.7016	0.7107	0.7016	0.7062	0.6926	0.7062	0.6971	0.7017	0.7015	0.6971
157.5	0.7060	0.7107	0.7017	0.7062	0.7017	0.7062	0.7017	0.7017	0.7017	0.6879
160.0	0.7152	0.7062	0.7062	0.7062	0.7017	0.6970	0.7017	0.6745	0.7017	0.6518
162.5	0.7107	0.6834	0.7062	0.6790	0.7017	0.6652	0.7018	0.6292	0.6659	0.6066
165.0	0.6883	0.6427	0.6883	0.6291	0.6746	0.6154	0.6565	0.5881	0.6247	0.5522
167.5	0.6384	0.5973	0.6385	0.5967	0.6248	0.5656	0.5979	0.5251	0.5659	0.5023
170.0	0.5796	0.5249	0.5752	0.5200	0.5616	0.4977	0.5347	0.4707	0.5117	0.4526
172.5	0.5030	0.4615	0.4935	0.4524	0.4890	0.4391	0.4799	0.4391	0.4619	0.4391
175.0	0.4527	0.4391	0.4527	0.4391	0.4437	0.4391	0.4436	0.4391	0.4436	0.4391
177.5	0.4391	0.4391	0.4436	0.4391	0.4391	0.4391	0.4436	0.4391	0.4436	0.4391
180.0	0.4391	0.4391	0.4391	0.4391	0.4391	0.4391	0.4436	0.4391	0.4436	0.4391

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators: yechihong  
 Test Date: 2020-06-05

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.272  
 Humidity: 70%  
 Test Distance: 8.425m [K=1.0000]  
 Remarks:

Photometric Data Table [cd]

G/C	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0
0.0	32.38	32.47	32.47	32.44	32.48	32.44	32.52	32.55	32.49	32.50
2.5	32.56	32.30	32.22	32.20	32.20	32.24	32.39	32.32	32.30	32.33
5.0	34.05	33.31	32.98	32.63	32.44	32.44	32.62	32.53	32.66	32.93
7.5	35.99	34.93	34.29	33.66	33.18	33.00	33.16	33.17	33.51	34.06
10.0	38.14	36.91	36.07	35.12	34.37	33.84	33.96	34.13	34.77	35.69
12.5	40.51	39.34	38.54	37.68	37.00	36.45	36.50	36.72	37.27	38.11
15.0	42.68	41.60	40.96	40.32	39.85	39.51	39.59	39.71	40.04	40.65
17.5	44.10	43.39	42.98	42.48	42.26	41.98	42.09	42.19	42.35	42.78
20.0	44.81	44.41	44.11	43.89	43.76	43.67	43.81	43.89	43.91	44.10
22.5	44.87	44.57	44.43	44.32	44.30	44.26	44.44	44.46	44.41	44.45
25.0	44.05	43.95	43.83	43.83	43.88	43.85	44.06	44.03	43.94	43.91
27.5	42.92	42.88	42.74	42.77	42.79	42.79	42.99	42.95	42.89	42.85
30.0	41.74	41.71	41.54	41.61	41.61	41.62	41.80	41.76	41.72	41.68
32.5	40.48	40.46	40.29	40.37	40.33	40.40	40.53	40.49	40.46	40.42
35.0	39.12	39.12	38.96	39.03	38.99	39.08	39.19	39.14	39.11	39.07
37.5	37.69	37.72	37.57	37.63	37.60	37.65	37.76	37.71	37.67	37.65
40.0	36.18	36.24	36.08	36.14	36.11	36.16	36.29	36.23	36.23	36.16
42.5	34.61	34.67	34.51	34.59	34.55	34.64	34.71	34.65	34.69	34.60
45.0	32.99	33.06	32.89	32.99	32.92	33.00	33.11	33.05	33.07	32.98
47.5	31.30	31.40	31.24	31.33	31.25	31.36	31.44	31.37	31.39	31.29
50.0	29.54	29.65	29.50	29.59	29.53	29.64	29.70	29.64	29.66	29.55
52.5	27.73	27.89	27.74	27.83	27.77	27.88	27.93	27.87	27.88	27.77
55.0	25.89	26.05	25.93	26.02	25.95	26.05	26.09	26.04	26.06	25.96
57.5	24.03	24.21	24.07	24.18	24.11	24.22	24.26	24.18	24.21	24.11
60.0	22.11	22.31	22.18	22.29	22.24	22.34	22.34	22.29	22.31	22.23
62.5	20.17	20.40	20.28	20.38	20.31	20.42	20.44	20.34	20.39	20.32
65.0	18.22	18.47	18.35	18.45	18.39	18.49	18.51	18.42	18.47	18.38
67.5	16.24	16.52	16.40	16.51	16.45	16.54	16.56	16.47	16.55	16.43
70.0	14.28	14.57	14.46	14.59	14.52	14.61	14.60	14.51	14.59	14.47
72.5	12.31	12.60	12.51	12.64	12.59	12.67	12.65	12.57	12.65	12.52
75.0	10.35	10.65	10.58	10.72	10.65	10.76	10.72	10.64	10.71	10.59
77.5	8.406	8.711	8.649	8.801	8.736	8.842	8.797	8.723	8.797	8.673
80.0	6.482	6.795	6.749	6.913	6.855	6.962	6.929	6.850	6.914	6.778
82.5	4.622	4.941	4.910	5.068	5.033	5.128	5.095	5.021	5.067	4.922
85.0	2.825	3.137	3.108	3.256	3.234	3.349	3.304	3.238	3.268	3.130
87.5	1.259	1.482	1.455	1.565	1.547	1.646	1.604	1.545	1.562	1.460
90.0	0.7294	0.6878	0.7387	0.6876	0.7392	0.6878	0.6473	0.6936	0.6467	0.6980
92.5	0.6790	0.6337	0.6793	0.6292	0.6798	0.6336	0.6066	0.6475	0.5974	0.6475
95.0	0.6432	0.5975	0.6386	0.6018	0.6388	0.6020	0.5703	0.6113	0.5567	0.6068
97.5	0.6201	0.5703	0.6111	0.5658	0.6158	0.5568	0.5477	0.5842	0.5340	0.5795
100.0	0.5931	0.5659	0.5930	0.5568	0.5885	0.5523	0.5432	0.5704	0.5296	0.5704
102.5	0.5884	0.5659	0.5794	0.5568	0.5705	0.5523	0.5387	0.5477	0.5296	0.5569
105.0	0.5751	0.5659	0.5659	0.5568	0.5613	0.5523	0.5387	0.5433	0.5296	0.5432
107.5	0.5749	0.5659	0.5613	0.5568	0.5568	0.5523	0.5387	0.5343	0.5296	0.5388
110.0	0.5749	0.5659	0.5568	0.5568	0.5523	0.5523	0.5387	0.5342	0.5342	0.5342
112.5	0.5749	0.5660	0.5568	0.5613	0.5523	0.5568	0.5388	0.5342	0.5342	0.5342
115.0	0.5749	0.5749	0.5568	0.5659	0.5523	0.5613	0.5432	0.5342	0.5388	0.5342
117.5	0.5749	0.5794	0.5568	0.5704	0.5523	0.5659	0.5523	0.5342	0.5476	0.5342
120.0	0.5749	0.5885	0.5568	0.5794	0.5523	0.5749	0.5568	0.5342	0.5523	0.5342
122.5	0.5749	0.5930	0.5568	0.5841	0.5523	0.5795	0.5659	0.5342	0.5614	0.5342
125.0	0.5749	0.6066	0.5568	0.5975	0.5523	0.5887	0.5750	0.5342	0.5660	0.5432
127.5	0.5749	0.6202	0.5613	0.6066	0.5523	0.6067	0.5840	0.5342	0.5840	0.5432
130.0	0.5975	0.6248	0.5704	0.6246	0.5657	0.6157	0.5931	0.5432	0.5886	0.5432
132.5	0.6021	0.6429	0.6018	0.6337	0.5926	0.6293	0.6068	0.5523	0.6021	0.5524
135.0	0.6022	0.6564	0.6066	0.6429	0.6020	0.6472	0.6203	0.5659	0.6113	0.5659
137.5	0.6157	0.6654	0.6066	0.6565	0.6109	0.6521	0.6337	0.5794	0.6293	0.5884
140.0	0.6334	0.6791	0.6157	0.6610	0.6201	0.6700	0.6472	0.5975	0.6428	0.5975
142.5	0.6383	0.6836	0.6338	0.6790	0.6292	0.6834	0.6564	0.6066	0.6609	0.6064
145.0	0.6609	0.6926	0.6428	0.6836	0.6384	0.6790	0.6657	0.6201	0.6700	0.6156
147.5	0.6743	0.6926	0.6654	0.6836	0.6653	0.6790	0.6745	0.6380	0.6700	0.6292
150.0	0.6745	0.6926	0.6745	0.6836	0.6700	0.6790	0.6745	0.6428	0.6700	0.6699
152.5	0.6881	0.6926	0.6791	0.6836	0.6792	0.6790	0.6789	0.6609	0.6700	0.6925
155.0	0.6926	0.6881	0.6836	0.6787	0.6790	0.6655	0.6561	0.6700	0.6562	0.6926
157.5	0.6926	0.6700	0.6836	0.6472	0.6790	0.6382	0.6243	0.6744	0.6246	0.6749
160.0	0.6971	0.6336	0.6610	0.6021	0.6429	0.5839	0.5658	0.6203	0.5794	0.6386
162.5	0.6475	0.5929	0.6158	0.5428	0.5753	0.5069	0.4975	0.5483	0.5203	0.5841
165.0	0.5886	0.5206	0.5481	0.4795	0.5026	0.4435	0.4210	0.4754	0.4564	0.5207
167.5	0.5343	0.4706	0.4935	0.4346	0.4574	0.4391	0.4165	0.4301	0.4255	0.4618
170.0	0.4799	0.4436	0.4619	0.4346	0.4436	0.4436	0.4165	0.4255	0.4255	0.4436
172.5	0.4484	0.4436	0.4438	0.4346	0.4436	0.4436	0.4165	0.4255	0.4255	0.4346
175.0	0.4436	0.4436	0.4436	0.4346	0.4436	0.4436	0.4165	0.4255	0.4255	0.4346
177.5	0.4436	0.4436	0.4436	0.4346	0.4436	0.4436	0.4165	0.4255	0.4255	0.4346
180.0	0.4436	0.4436	0.4436	0.4346	0.4436	0.4436	0.4165	0.4255	0.4255	0.4346

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators: yechihong  
 Test Date: 2020-06-05

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.272  
 Humidity: 70%  
 Test Distance: 8.425m [K=1.0000]  
 Remarks:

Photometric Data Table [cd]

G/C	200.0	205.0	210.0	215.0	220.0	225.0	230.0	235.0	240.0	245.0
0.0	32.48	32.49	32.47	32.45	32.43	32.43	32.42	32.42	32.44	32.44
2.5	32.40	32.53	32.70	32.89	33.03	33.39	33.49	33.74	33.87	34.04
5.0	33.23	33.71	34.11	34.67	35.08	35.70	36.07	36.54	36.82	37.29
7.5	34.65	35.42	36.10	36.88	37.56	38.37	38.93	39.57	40.09	40.66
10.0	36.50	37.45	38.31	39.14	39.95	40.91	41.61	42.36	43.06	43.73
12.5	38.89	39.82	40.65	41.51	42.31	43.32	44.07	44.91	45.68	46.44
15.0	41.22	42.10	42.78	43.61	44.31	45.28	46.02	46.90	47.66	48.38
17.5	43.15	43.76	44.32	44.96	45.64	46.47	47.21	47.93	48.59	48.99
20.0	44.29	44.64	45.09	45.61	46.25	46.96	47.50	47.84	48.06	48.21
22.5	44.53	44.77	45.05	45.58	46.00	46.35	46.64	46.89	47.12	47.27
25.0	43.94	44.03	44.27	44.60	45.00	45.30	45.60	45.83	46.07	46.19
27.5	42.88	42.95	43.19	43.49	43.88	44.18	44.46	44.67	44.91	45.03
30.0	41.69	41.77	41.99	42.28	42.68	42.93	43.23	43.42	43.65	43.76
32.5	40.46	40.47	40.73	40.98	41.38	41.61	41.90	42.09	42.31	42.41
35.0	39.11	39.13	39.35	39.61	39.99	40.19	40.50	40.66	40.86	40.95
37.5	37.69	37.72	37.91	38.15	38.53	38.70	39.00	39.13	39.36	39.41
40.0	36.21	36.22	36.41	36.63	37.00	37.13	37.44	37.56	37.77	37.79
42.5	34.65	34.65	34.86	35.02	35.41	35.51	35.80	35.90	36.10	36.12
45.0	33.05	33.02	33.20	33.38	33.76	33.82	34.09	34.19	34.36	34.40
47.5	31.36	31.32	31.52	31.68	32.02	32.05	32.32	32.39	32.60	32.60
50.0	29.62	29.58	29.77	29.92	30.22	30.25	30.49	30.55	30.75	30.74
52.5	27.85	27.79	27.99	28.08	28.38	28.39	28.62	28.66	28.86	28.83
55.0	26.03	25.95	26.14	26.22	26.51	26.48	26.72	26.73	26.92	26.87
57.5	24.17	24.08	24.26	24.32	24.60	24.54	24.76	24.77	24.92	24.91
60.0	22.28	22.19	22.34	22.38	22.63	22.55	22.78	22.75	22.92	22.86
62.5	20.37	20.27	20.39	20.40	20.66	20.52	20.75	20.72	20.87	20.82
65.0	18.44	18.33	18.43	18.44	18.66	18.52	18.71	18.67	18.83	18.76
67.5	16.50	16.37	16.46	16.44	16.64	16.50	16.66	16.61	16.76	16.68
70.0	14.54	14.42	14.49	14.43	14.63	14.46	14.61	14.54	14.67	14.58
72.5	12.58	12.45	12.50	12.44	12.59	12.43	12.55	12.48	12.60	12.50
75.0	10.65	10.50	10.55	10.46	10.58	10.40	10.52	10.44	10.54	10.44
77.5	8.706	8.556	8.572	8.479	8.588	8.402	8.506	8.407	8.509	8.402
80.0	6.811	6.638	6.657	6.552	6.643	6.438	6.528	6.425	6.512	6.419
82.5	4.959	4.775	4.780	4.661	4.740	4.528	4.610	4.510	4.586	4.492
85.0	3.144	2.985	2.979	2.858	2.924	2.726	2.785	2.700	2.755	2.667
87.5	1.483	1.362	1.348	1.262	1.295	1.192	1.223	1.182	1.197	1.140
90.0	0.6426	0.6804	0.6335	0.6751	0.6198	0.6480	0.5840	0.6298	0.5882	0.6389
92.5	0.6020	0.6429	0.5975	0.6340	0.5884	0.6111	0.5568	0.5978	0.5477	0.6111
95.0	0.5656	0.6066	0.5567	0.6111	0.5613	0.5930	0.5523	0.5841	0.5477	0.5930
97.5	0.5387	0.5841	0.5477	0.5794	0.5613	0.5794	0.5523	0.5704	0.5477	0.5749
100.0	0.5387	0.5748	0.5477	0.5705	0.5613	0.5659	0.5523	0.5613	0.5477	0.5704
102.5	0.5387	0.5568	0.5477	0.5704	0.5613	0.5657	0.5523	0.5568	0.5477	0.5703
105.0	0.5387	0.5478	0.5477	0.5525	0.5613	0.5614	0.5523	0.5523	0.5477	0.5613
107.5	0.5387	0.5432	0.5477	0.5523	0.5659	0.5568	0.5613	0.5523	0.5477	0.5613
110.0	0.5387	0.5387	0.5477	0.5523	0.5659	0.5568	0.5568	0.5523	0.5523	0.5568
112.5	0.5387	0.5387	0.5477	0.5477	0.5660	0.5568	0.5613	0.5523	0.5568	0.5568
115.0	0.5432	0.5387	0.5523	0.5477	0.5704	0.5568	0.5659	0.5523	0.5613	0.5568
117.5	0.5477	0.5387	0.5568	0.5477	0.5750	0.5568	0.5704	0.5568	0.5704	0.5568
120.0	0.5523	0.5387	0.5659	0.5477	0.5841	0.5568	0.5750	0.5568	0.5793	0.5568
122.5	0.5616	0.5387	0.5750	0.5477	0.5929	0.5568	0.5840	0.5568	0.5884	0.5568
125.0	0.5750	0.5387	0.5840	0.5477	0.5930	0.5568	0.5885	0.5568	0.5886	0.5659
127.5	0.5885	0.5387	0.5930	0.5477	0.6022	0.5568	0.5976	0.5568	0.6020	0.5659
130.0	0.5885	0.5387	0.5978	0.5568	0.6113	0.5613	0.6156	0.5568	0.6110	0.5703
132.5	0.6066	0.5568	0.6112	0.5659	0.6292	0.5794	0.6157	0.5660	0.6201	0.5884
135.0	0.6157	0.5658	0.6247	0.5881	0.6248	0.6066	0.6292	0.5794	0.6292	0.6110
137.5	0.6337	0.5974	0.6383	0.6066	0.6427	0.6066	0.6429	0.5975	0.6383	0.6202
140.0	0.6385	0.6111	0.6473	0.6156	0.6473	0.6157	0.6519	0.6021	0.6519	0.6202
142.5	0.6608	0.6111	0.6609	0.6111	0.6566	0.6157	0.6611	0.6111	0.6565	0.6202
145.0	0.6745	0.6156	0.6701	0.6202	0.6700	0.6247	0.6701	0.6202	0.6700	0.6338
147.5	0.6880	0.6248	0.6745	0.6382	0.6836	0.6338	0.6790	0.6292	0.6790	0.6427
150.0	0.6836	0.6383	0.6745	0.6519	0.6836	0.6562	0.6790	0.6516	0.6790	0.6473
152.5	0.6836	0.6696	0.6700	0.6700	0.6835	0.6700	0.6790	0.6654	0.6790	0.6744
155.0	0.6700	0.6745	0.6700	0.6790	0.6792	0.6746	0.6790	0.6700	0.6790	0.6745
157.5	0.6426	0.6745	0.6649	0.6790	0.6745	0.6790	0.6791	0.6834	0.6790	0.6834
160.0	0.6111	0.6612	0.6247	0.6835	0.6426	0.6790	0.6743	0.6881	0.6834	0.6881
162.5	0.5520	0.6159	0.5749	0.6384	0.6020	0.6613	0.6246	0.6926	0.6652	0.6881
165.0	0.4886	0.5573	0.5342	0.5841	0.5566	0.6159	0.5927	0.6477	0.6111	0.6700
167.5	0.4479	0.4981	0.4617	0.5345	0.5204	0.5659	0.5341	0.5887	0.5564	0.6157
170.0	0.4255	0.4616	0.4391	0.4847	0.4572	0.5071	0.4662	0.5302	0.4884	0.5524
172.5	0.4255	0.4391	0.4391	0.4482	0.4346	0.4527	0.4301	0.4709	0.4301	0.4890
175.0	0.4255	0.4391	0.4391	0.4346	0.4346	0.4346	0.4301	0.4391	0.4301	0.4438
177.5	0.4301	0.4391	0.4391	0.4346	0.4346	0.4346	0.4346	0.4301	0.4301	0.4391
180.0	0.4346	0.4391	0.4391	0.4346	0.4346	0.4346	0.4346	0.4301	0.4301	0.4391

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators: yechihong  
 Test Date: 2020-06-05

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.272  
 Humidity: 70%  
 Test Distance: 8.425m [K=1.0000]  
 Remarks:

Photometric Data Table [cd]

G/C	250.0	255.0	260.0	265.0	270.0	275.0	280.0	285.0	290.0	295.0
0.0	32.44	32.44	32.44	32.43	32.43	32.37	32.43	32.39	32.38	32.37
2.5	34.12	34.29	34.32	34.47	34.43	34.54	34.47	34.52	34.41	34.45
5.0	37.47	37.81	37.88	38.15	38.08	38.27	38.06	38.10	37.85	37.86
7.5	41.03	41.44	41.63	41.92	41.92	42.04	41.87	41.78	41.48	41.27
10.0	44.21	44.73	44.98	45.30	45.34	45.37	45.16	45.02	44.60	44.22
12.5	47.06	47.62	47.96	48.23	48.30	48.25	48.09	47.83	47.31	46.85
15.0	48.96	49.41	49.68	49.84	49.93	49.87	49.77	49.57	49.16	48.69
17.5	49.20	49.32	49.38	49.44	49.46	49.44	49.43	49.38	49.31	49.16
20.0	48.39	48.48	48.55	48.61	48.61	48.59	48.59	48.54	48.50	48.36
22.5	47.44	47.53	47.61	47.65	47.67	47.63	47.64	47.59	47.55	47.41
25.0	46.36	46.44	46.55	46.56	46.61	46.54	46.57	46.50	46.48	46.34
27.5	45.19	45.27	45.39	45.38	45.43	45.34	45.39	45.32	45.31	45.17
30.0	43.93	43.99	44.11	44.10	44.15	44.11	44.12	44.06	44.04	43.89
32.5	42.59	42.62	42.74	42.73	42.80	42.73	42.78	42.67	42.70	42.55
35.0	41.14	41.16	41.27	41.29	41.35	41.32	41.32	41.23	41.23	41.09
37.5	39.59	39.61	39.73	39.73	39.79	39.74	39.78	39.68	39.69	39.54
40.0	37.97	38.00	38.12	38.11	38.17	38.14	38.18	38.09	38.12	37.95
42.5	36.30	36.32	36.43	36.41	36.48	36.44	36.49	36.38	36.44	36.29
45.0	34.57	34.56	34.68	34.65	34.72	34.69	34.73	34.62	34.70	34.53
47.5	32.77	32.75	32.87	32.85	32.91	32.85	32.92	32.83	32.88	32.75
50.0	30.90	30.88	30.98	30.96	31.04	30.97	31.04	30.96	31.02	30.88
52.5	29.02	28.97	29.08	29.03	29.13	29.05	29.11	29.04	29.13	28.97
55.0	27.04	27.01	27.11	27.07	27.15	27.08	27.15	27.08	27.16	27.02
57.5	25.05	25.00	25.12	25.05	25.15	25.06	25.18	25.06	25.15	25.01
60.0	23.01	22.97	23.07	23.00	23.11	23.02	23.12	23.04	23.16	23.01
62.5	20.95	20.89	21.01	20.93	21.05	20.94	21.07	20.95	21.08	20.94
65.0	18.87	18.82	18.93	18.86	18.96	18.85	18.98	18.88	19.01	18.87
67.5	16.79	16.71	16.84	16.76	16.86	16.77	16.89	16.81	16.93	16.78
70.0	14.70	14.64	14.73	14.66	14.76	14.67	14.79	14.69	14.83	14.71
72.5	12.61	12.53	12.64	12.55	12.66	12.58	12.69	12.61	12.71	12.62
75.0	10.56	10.47	10.55	10.48	10.59	10.51	10.62	10.53	10.67	10.56
77.5	8.524	8.429	8.511	8.422	8.525	8.447	8.556	8.484	8.613	8.531
80.0	6.513	6.418	6.505	6.416	6.521	6.452	6.548	6.468	6.593	6.514
82.5	4.576	4.483	4.565	4.478	4.572	4.506	4.608	4.534	4.648	4.578
85.0	2.741	2.663	2.732	2.660	2.738	2.676	2.773	2.708	2.817	2.754
87.5	1.174	1.134	1.171	1.124	1.176	1.150	1.204	1.171	1.241	1.206
90.0	0.5929	0.6384	0.5928	0.6298	0.5704	0.6386	0.5882	0.6395	0.6063	0.6532
92.5	0.5613	0.6067	0.5613	0.5977	0.5613	0.6024	0.5613	0.6067	0.5659	0.6157
95.0	0.5613	0.5975	0.5613	0.5840	0.5613	0.5886	0.5613	0.5930	0.5659	0.6021
97.5	0.5613	0.5795	0.5613	0.5705	0.5613	0.5794	0.5613	0.5749	0.5659	0.5841
100.0	0.5613	0.5659	0.5613	0.5660	0.5613	0.5704	0.5613	0.5704	0.5659	0.5794
102.5	0.5613	0.5659	0.5613	0.5659	0.5613	0.5659	0.5613	0.5659	0.5659	0.5704
105.0	0.5613	0.5613	0.5613	0.5613	0.5613	0.5659	0.5613	0.5613	0.5659	0.5659
107.5	0.5704	0.5613	0.5703	0.5613	0.5613	0.5613	0.5613	0.5613	0.5659	0.5659
110.0	0.5659	0.5613	0.5660	0.5613	0.5659	0.5613	0.5659	0.5613	0.5704	0.5659
112.5	0.5704	0.5613	0.5704	0.5613	0.5704	0.5613	0.5704	0.5613	0.5704	0.5659
115.0	0.5749	0.5613	0.5794	0.5613	0.5794	0.5613	0.5794	0.5613	0.5750	0.5659
117.5	0.5794	0.5613	0.5796	0.5613	0.5839	0.5613	0.5752	0.5613	0.5795	0.5659
120.0	0.5885	0.5613	0.5885	0.5613	0.5885	0.5613	0.5884	0.5613	0.5841	0.5659
122.5	0.5975	0.5613	0.5931	0.5613	0.5930	0.5613	0.5930	0.5613	0.5974	0.5659
125.0	0.6021	0.5613	0.6021	0.5613	0.6021	0.5613	0.6065	0.5613	0.6021	0.5659
127.5	0.6157	0.5613	0.6112	0.5613	0.6111	0.5658	0.6066	0.5613	0.6067	0.5659
130.0	0.6202	0.5748	0.6202	0.5703	0.6202	0.5749	0.6202	0.5659	0.6157	0.5659
132.5	0.6294	0.5930	0.6292	0.5884	0.6292	0.5930	0.6248	0.5749	0.6247	0.5749
135.0	0.6383	0.6021	0.6427	0.5930	0.6428	0.6066	0.6293	0.5928	0.6340	0.6064
137.5	0.6474	0.6021	0.6519	0.6021	0.6473	0.6066	0.6473	0.6021	0.6473	0.6066
140.0	0.6565	0.6066	0.6565	0.6065	0.6609	0.6110	0.6564	0.6111	0.6519	0.6066
142.5	0.6746	0.6157	0.6657	0.6202	0.6655	0.6202	0.6609	0.6111	0.6611	0.6157
145.0	0.6791	0.6337	0.6835	0.6292	0.6836	0.6291	0.6745	0.6202	0.6746	0.6292
147.5	0.6881	0.6427	0.6881	0.6427	0.6925	0.6383	0.6836	0.6339	0.6790	0.6382
150.0	0.6881	0.6609	0.6881	0.6473	0.6881	0.6518	0.6836	0.6428	0.6790	0.6473
152.5	0.6881	0.6745	0.6881	0.6700	0.6881	0.6699	0.6836	0.6654	0.6790	0.6656
155.0	0.6881	0.6790	0.6881	0.6835	0.6881	0.6700	0.6836	0.6745	0.6790	0.6790
157.5	0.6881	0.6835	0.6881	0.6790	0.6881	0.6834	0.6836	0.6745	0.6790	0.6790
160.0	0.6836	0.6881	0.6881	0.6881	0.6881	0.6925	0.6836	0.6836	0.6790	0.6836
162.5	0.6744	0.6881	0.6789	0.6881	0.6701	0.6926	0.6656	0.6836	0.6699	0.6836
165.0	0.6245	0.6792	0.6245	0.6792	0.6246	0.6745	0.6201	0.6792	0.6201	0.6657
167.5	0.5747	0.6203	0.5749	0.6157	0.5743	0.6249	0.5701	0.6204	0.5656	0.6157
170.0	0.5252	0.5660	0.5249	0.5616	0.5201	0.5615	0.5158	0.5614	0.5070	0.5523
172.5	0.4481	0.4937	0.4572	0.4936	0.4526	0.4980	0.4481	0.4845	0.4435	0.4800
175.0	0.4391	0.4437	0.4346	0.4437	0.4301	0.4436	0.4346	0.4391	0.4301	0.4346
177.5	0.4391	0.4346	0.4346	0.4346	0.4301	0.4346	0.4346	0.4301	0.4301	0.4346
180.0	0.4391	0.4346	0.4346	0.4301	0.4301	0.4346	0.4346	0.4301	0.4301	0.4346

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators: yechihong  
 Test Date: 2020-06-05

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.272  
 Humidity: 70%  
 Test Distance: 8.425m [K=1.0000]  
 Remarks:

Photometric Data Table [cd]

G/C	300.0	305.0	310.0	315.0	320.0	325.0	330.0	335.0	340.0	345.0
0.0	32.40	32.35	32.36	32.33	32.35	32.36	32.38	32.47	32.47	32.44
2.5	34.32	34.24	34.08	34.00	33.74	33.73	33.48	33.60	33.37	33.22
5.0	37.51	37.31	36.89	36.60	36.16	35.84	35.35	35.31	34.76	34.38
7.5	40.84	40.40	39.88	39.35	38.71	38.20	37.48	37.17	36.40	35.75
10.0	43.65	43.06	42.39	41.69	40.92	40.33	39.46	39.06	38.16	37.37
12.5	46.14	45.44	44.60	43.89	43.03	42.41	41.57	41.17	40.30	39.56
15.0	47.99	47.29	46.41	45.63	44.78	44.12	43.40	43.04	42.33	41.80
17.5	48.80	48.20	47.49	46.74	46.00	45.32	44.68	44.36	43.88	43.52
20.0	48.21	48.02	47.72	47.18	46.53	45.87	45.36	45.04	44.79	44.59
22.5	47.27	47.07	46.86	46.60	46.25	45.81	45.31	45.04	44.86	44.84
25.0	46.21	46.01	45.83	45.55	45.22	44.82	44.52	44.24	44.18	44.20
27.5	45.06	44.85	44.68	44.39	44.10	43.70	43.41	43.11	43.09	43.11
30.0	43.81	43.59	43.44	43.17	42.90	42.49	42.24	41.90	41.89	41.93
32.5	42.46	42.27	42.12	41.85	41.58	41.19	40.95	40.63	40.62	40.66
35.0	41.03	40.84	40.71	40.43	40.19	39.82	39.59	39.27	39.27	39.30
37.5	39.52	39.33	39.22	38.92	38.74	38.35	38.16	37.82	37.83	37.87
40.0	37.94	37.75	37.65	37.38	37.18	36.82	36.65	36.30	36.33	36.36
42.5	36.28	36.08	36.00	35.76	35.56	35.22	35.07	34.71	34.78	34.79
45.0	34.56	34.36	34.30	34.07	33.89	33.57	33.43	33.08	33.14	33.16
47.5	32.77	32.59	32.53	32.30	32.16	31.81	31.72	31.36	31.46	31.45
50.0	30.90	30.73	30.70	30.47	30.34	30.04	29.94	29.60	29.68	29.70
52.5	29.01	28.82	28.83	28.63	28.51	28.24	28.13	27.83	27.89	27.90
55.0	27.06	26.91	26.91	26.70	26.65	26.36	26.28	25.96	26.05	26.05
57.5	25.07	24.93	24.93	24.77	24.73	24.45	24.42	24.08	24.19	24.17
60.0	23.05	22.92	22.94	22.76	22.74	22.49	22.48	22.18	22.27	22.25
62.5	21.03	20.90	20.92	20.76	20.76	20.53	20.53	20.21	20.33	20.32
65.0	18.97	18.84	18.89	18.75	18.77	18.54	18.56	18.25	18.39	18.37
67.5	16.88	16.79	16.84	16.69	16.74	16.53	16.57	16.27	16.41	16.40
70.0	14.81	14.70	14.77	14.66	14.71	14.53	14.60	14.30	14.45	14.44
72.5	12.72	12.63	12.72	12.60	12.69	12.52	12.61	12.33	12.49	12.46
75.0	10.67	10.58	10.68	10.57	10.68	10.54	10.64	10.37	10.53	10.52
77.5	8.626	8.556	8.656	8.576	8.672	8.579	8.672	8.444	8.602	8.585
80.0	6.632	6.561	6.675	6.595	6.725	6.616	6.748	6.527	6.700	6.685
82.5	4.694	4.636	4.757	4.684	4.818	4.729	4.869	4.654	4.835	4.827
85.0	2.867	2.828	2.929	2.868	2.988	2.920	3.051	2.859	3.020	3.025
87.5	1.282	1.270	1.327	1.288	1.347	1.311	1.399	1.250	1.357	1.350
90.0	0.5975	0.6525	0.6065	0.6801	0.6426	0.6887	0.6518	0.6975	0.6563	0.7068
92.5	0.5568	0.6202	0.5794	0.6430	0.6021	0.6520	0.6021	0.6609	0.6021	0.6565
95.0	0.5568	0.6021	0.5749	0.6202	0.5792	0.6248	0.5794	0.6292	0.5703	0.6204
97.5	0.5568	0.5842	0.5749	0.6066	0.5704	0.6066	0.5523	0.6023	0.5477	0.5976
100.0	0.5568	0.5794	0.5749	0.5930	0.5704	0.5885	0.5523	0.5885	0.5432	0.5749
102.5	0.5568	0.5704	0.5749	0.5885	0.5704	0.5794	0.5523	0.5748	0.5432	0.5613
105.0	0.5568	0.5659	0.5749	0.5749	0.5704	0.5748	0.5523	0.5568	0.5432	0.5567
107.5	0.5569	0.5659	0.5749	0.5749	0.5704	0.5569	0.5523	0.5523	0.5432	0.5432
110.0	0.5613	0.5659	0.5749	0.5749	0.5704	0.5568	0.5523	0.5477	0.5477	0.5388
112.5	0.5659	0.5659	0.5794	0.5749	0.5704	0.5568	0.5568	0.5477	0.5477	0.5387
115.0	0.5704	0.5659	0.5840	0.5749	0.5749	0.5568	0.5569	0.5477	0.5568	0.5387
117.5	0.5749	0.5659	0.5930	0.5749	0.5794	0.5568	0.5613	0.5477	0.5525	0.5387
120.0	0.5794	0.5659	0.5931	0.5749	0.5794	0.5568	0.5659	0.5477	0.5659	0.5387
122.5	0.5886	0.5659	0.6021	0.5749	0.5885	0.5568	0.5749	0.5477	0.5704	0.5387
125.0	0.5932	0.5659	0.6023	0.5749	0.5975	0.5568	0.5840	0.5477	0.5749	0.5387
127.5	0.6021	0.5659	0.6113	0.5749	0.5977	0.5568	0.5930	0.5477	0.5841	0.5387
130.0	0.6156	0.5704	0.6203	0.5749	0.6111	0.5568	0.6021	0.5523	0.5931	0.5432
132.5	0.6202	0.5930	0.6338	0.5930	0.6158	0.5657	0.6111	0.5657	0.6110	0.5523
135.0	0.6292	0.6065	0.6428	0.5975	0.6382	0.5749	0.6202	0.5705	0.6157	0.5659
137.5	0.6383	0.6066	0.6563	0.6021	0.6384	0.5974	0.6338	0.5930	0.6292	0.5883
140.0	0.6519	0.6066	0.6610	0.6065	0.6519	0.6067	0.6474	0.6021	0.6473	0.6067
142.5	0.6609	0.6200	0.6701	0.6158	0.6654	0.6066	0.6564	0.6066	0.6564	0.6066
145.0	0.6746	0.6248	0.6791	0.6292	0.6701	0.6157	0.6655	0.6157	0.6701	0.6157
147.5	0.6836	0.6384	0.6836	0.6382	0.6745	0.6337	0.6700	0.6381	0.6745	0.6336
150.0	0.6836	0.6518	0.6836	0.6473	0.6745	0.6471	0.6700	0.6473	0.6745	0.6427
152.5	0.6836	0.6654	0.6836	0.6744	0.6745	0.6609	0.6700	0.6700	0.6745	0.6608
155.0	0.6836	0.6745	0.6836	0.6789	0.6745	0.6745	0.6700	0.6700	0.6608	0.6701
157.5	0.6836	0.6880	0.6836	0.6790	0.6744	0.6745	0.6518	0.6745	0.6292	0.6744
160.0	0.6790	0.6836	0.6699	0.6790	0.6338	0.6745	0.6155	0.6565	0.5928	0.6293
162.5	0.6562	0.6836	0.6245	0.6567	0.6021	0.6339	0.5704	0.6024	0.5341	0.5620
165.0	0.6109	0.6428	0.5879	0.6159	0.5475	0.5843	0.5244	0.5391	0.4662	0.4935
167.5	0.5522	0.5931	0.5251	0.5615	0.4888	0.5209	0.4617	0.4753	0.4346	0.4391
170.0	0.4886	0.5254	0.4661	0.4980	0.4391	0.4710	0.4346	0.4482	0.4346	0.4255
172.5	0.4345	0.4663	0.4346	0.4483	0.4346	0.4346	0.4346	0.4346	0.4346	0.4255
175.0	0.4391	0.4347	0.4346	0.4346	0.4346	0.4346	0.4346	0.4346	0.4346	0.4255
177.5	0.4346	0.4346	0.4346	0.4346	0.4346	0.4346	0.4346	0.4346	0.4346	0.4255
180.0	0.4346	0.4346	0.4346	0.4346	0.4346	0.4346	0.4346	0.4346	0.4346	0.4255

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators: yechihong  
 Test Date: 2020-06-05

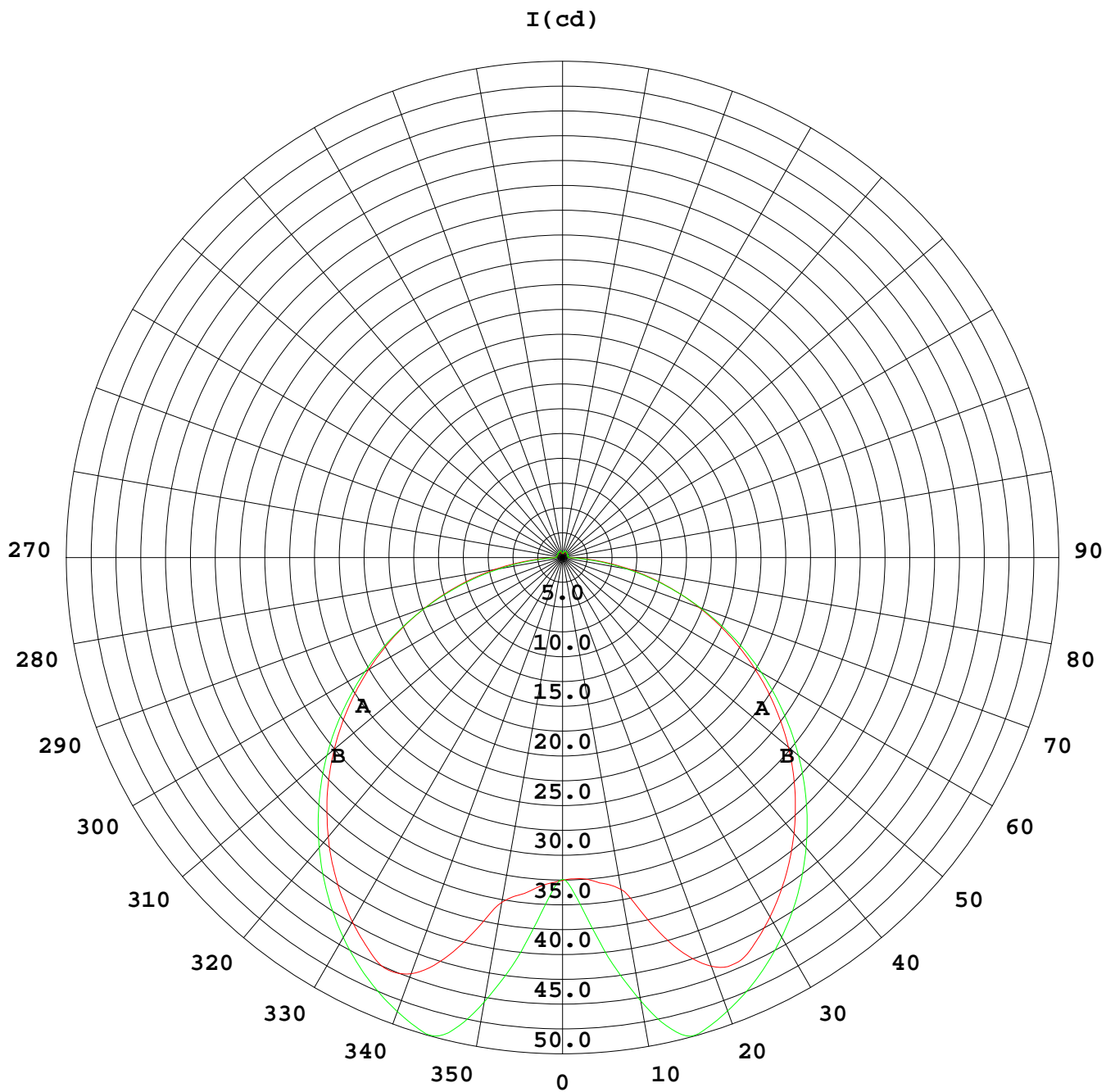
γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.272  
 Humidity: 70%  
 Test Distance: 8.425m [K=1.0000]  
 Remarks:

## Photometric Data Table [cd]

G/C	350.0	355.0
0.0	32.48	32.44
2.5	33.07	32.90
5.0	33.98	33.65
7.5	35.08	34.52
10.0	36.42	35.70
12.5	38.74	37.98
15.0	41.12	40.62
17.5	43.13	42.94
20.0	44.47	44.36
22.5	44.86	44.86
25.0	44.32	44.39
27.5	43.24	43.30
30.0	42.06	42.10
32.5	40.81	40.81
35.0	39.45	39.47
37.5	38.01	38.01
40.0	36.50	36.50
42.5	34.94	34.93
45.0	33.32	33.30
47.5	31.63	31.60
50.0	29.88	29.82
52.5	28.08	28.03
55.0	26.23	26.18
57.5	24.35	24.33
60.0	22.43	22.37
62.5	20.49	20.46
65.0	18.53	18.49
67.5	16.56	16.52
70.0	14.59	14.54
72.5	12.64	12.57
75.0	10.67	10.64
77.5	8.736	8.708
80.0	6.845	6.800
82.5	4.995	4.962
85.0	3.193	3.167
87.5	1.480	1.469
90.0	0.6651	0.7111
92.5	0.6065	0.6566
95.0	0.5748	0.6248
97.5	0.5477	0.5886
100.0	0.5387	0.5704
102.5	0.5387	0.5568
105.0	0.5387	0.5434
107.5	0.5387	0.5387
110.0	0.5387	0.5342
112.5	0.5387	0.5342
115.0	0.5432	0.5342
117.5	0.5477	0.5342
120.0	0.5523	0.5342
122.5	0.5614	0.5342
125.0	0.5749	0.5342
127.5	0.5796	0.5342
130.0	0.5887	0.5342
132.5	0.6022	0.5433
135.0	0.6114	0.5613
137.5	0.6248	0.5704
140.0	0.6386	0.6066
142.5	0.6564	0.6021
145.0	0.6699	0.6111
147.5	0.6654	0.6291
150.0	0.6654	0.6338
152.5	0.6654	0.6653
155.0	0.6516	0.6654
157.5	0.6200	0.6656
160.0	0.5699	0.6113
162.5	0.4933	0.5389
165.0	0.4300	0.4576
167.5	0.4255	0.4165
170.0	0.4255	0.4165
172.5	0.4255	0.4165
175.0	0.4255	0.4165
177.5	0.4255	0.4165
180.0	0.4255	0.4165

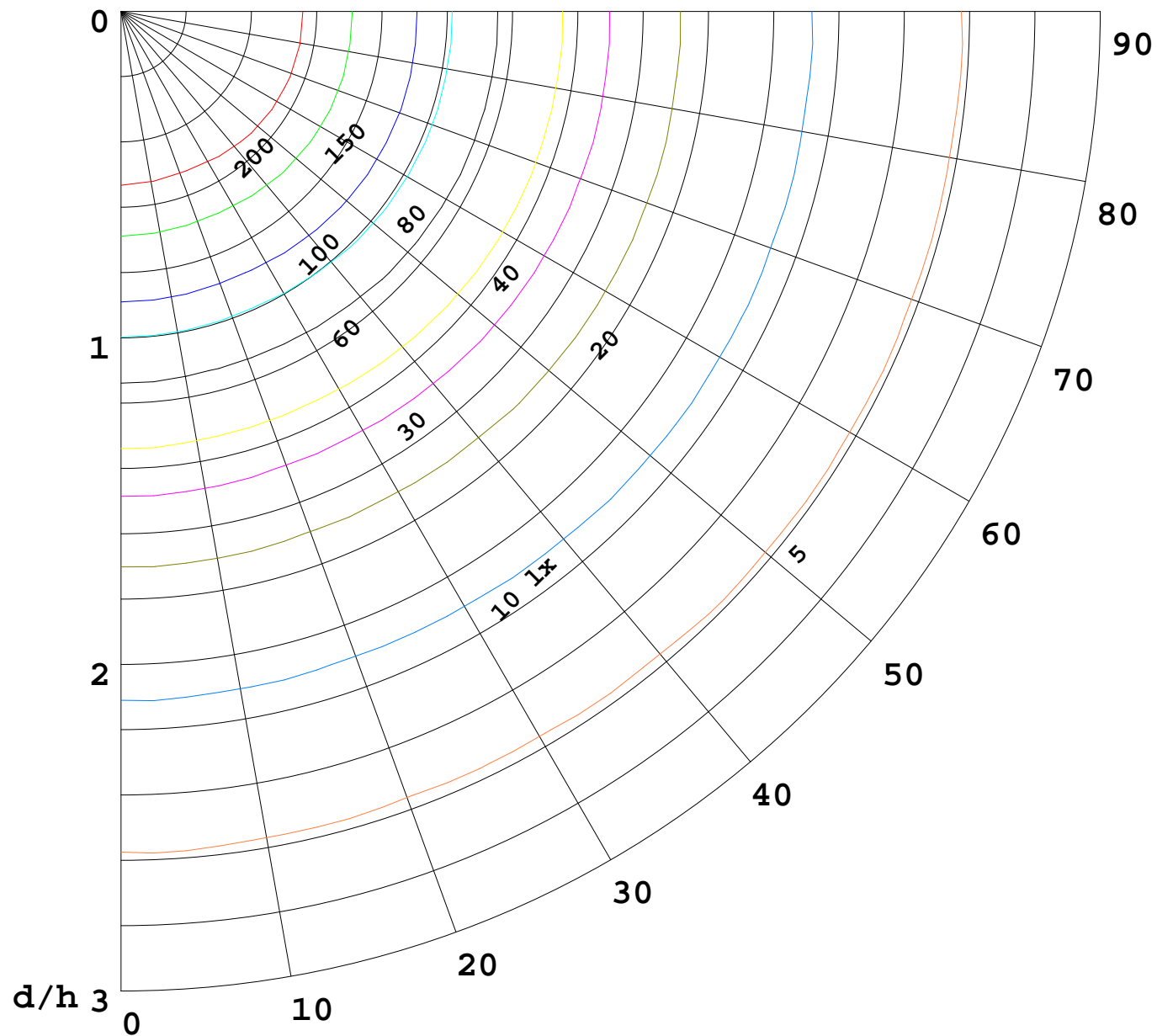
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators: yechihong  
 Test Date: 2020-06-05

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.272  
 Humidity: 70%  
 Test Distance: 8.425m [K=1.0000]  
 Remarks:



1000 lm

$\kappa = 1$





F = 5000 lm  
 K = 0.7  
 Hcc = 0.0 m  
 Hfc = 0.0 m  
 Eave = 100 lx

	Pcc	Pw	Pfc
————	70	50	30
————	50	30	20

