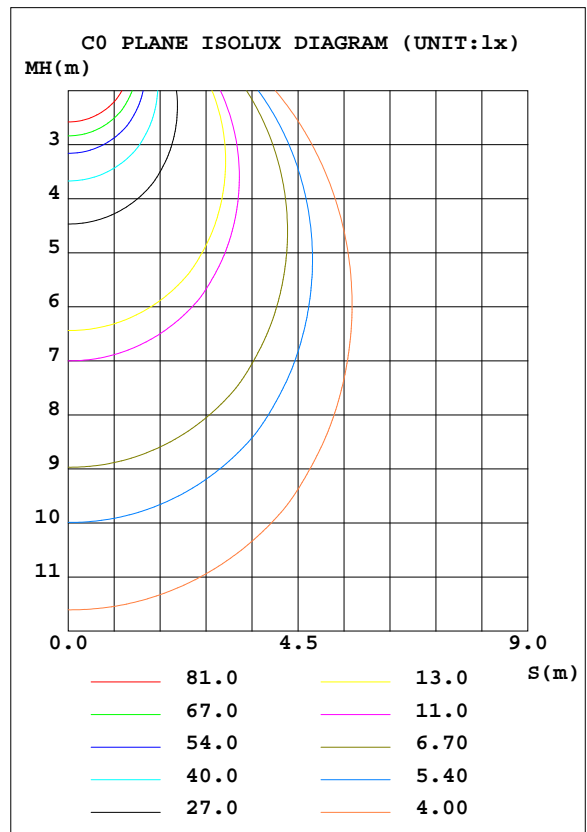
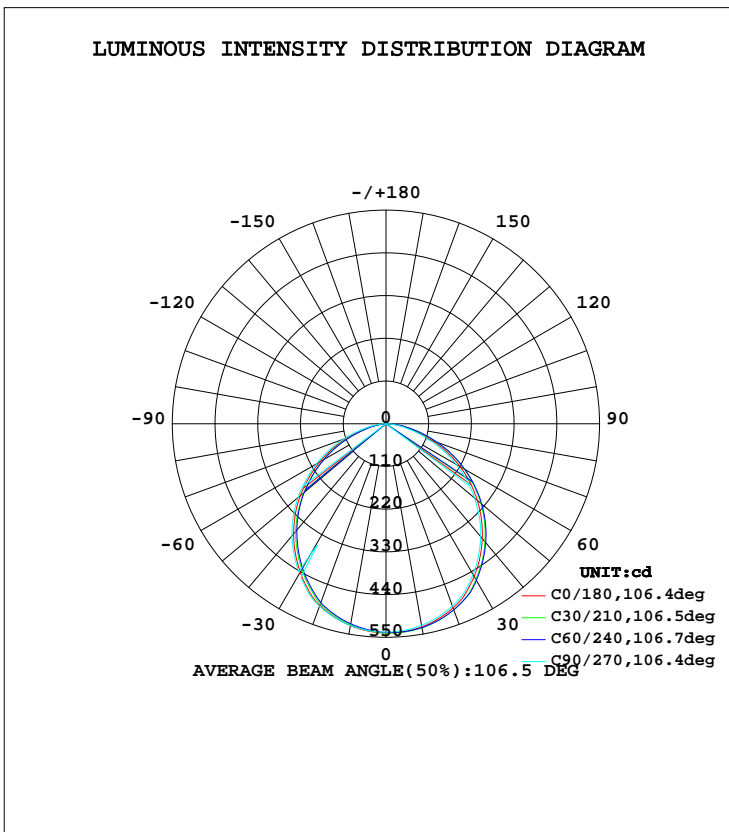


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.7V I:0.2667A P:31.96W PF:0.9926 Lamp Flux:1433.49x1 lm		
NAME: BOF162600L30D1BK	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2019-05-21-02
MFR.: AFX	SUR.:0.4	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 44.85 lm/W			
MODEL	BOF162600L30D1BK	I _{max} (cd)	541.4	S/MH(C0/180)	1.25
NOMINAL POWER(W)	32	LOR(%)	100.0	S/MH(C90/270)	1.24
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1433.5	η UP, DN(C0-180)	0.3, 49.2
NOMINAL FLUX(lm)	1433.49	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.3, 50.2
LAMPS INSIDE	1	η up(%)	0.6	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.7	η down(%)	99.4	CIBSE SHR MAX	1.35



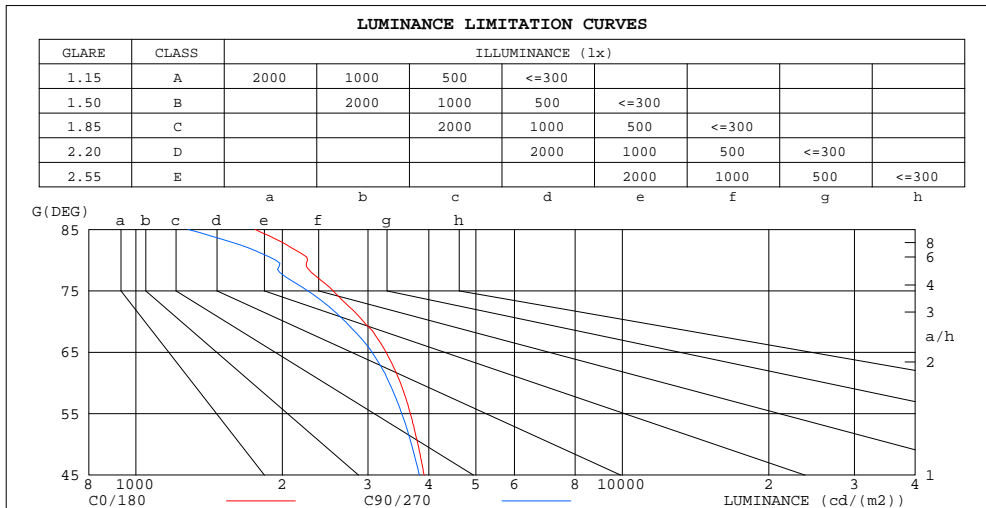
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:yechihong
 Test Date:2019-05-21

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:

ZONAL FLUX DIAGRAM
AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum, lamp
5	537.3	538.6	534.1	531.6	535.7	533.1	534.2	539.3	0- 5	12.83	12.83	0.90,0.90
10	531.2	534.3	527.0	520.7	527.8	523.3	527.4	536.1	5- 10	38.07	50.91	3.55,3.55
15	520.2	525.4	515.5	505.3	515.1	509.0	515.9	528.3	10- 15	62.02	112.9	7.88,7.88
20	504.7	512.0	499.5	485.4	498.0	489.4	500.1	515.6	15- 20	83.88	196.8	13.7,13.7
25	483.5	494.0	478.4	455.3	472.8	460.2	476.8	498.6	20- 25	102.7	299.5	20.9,20.9
30	454.1	468.1	448.1	422.1	441.6	428.0	381.4	471.7	25- 30	117.0	416.5	29.1,29.1
35	421.4	436.1	415.2	386.1	407.2	393.4	412.2	441.0	30- 35	126.8	543.3	37.9,37.9
40	385.7	402.0	379.6	348.2	370.0	355.3	376.9	406.6	35- 40	132.2	675.5	47.1,47.1
45	347.7	365.2	340.0	307.3	330.4	315.3	337.3	370.1	40- 45	132.8	808.3	56.4,56.4
50	307.0	325.1	297.8	262.4	288.2	272.6	295.6	330.2	45- 50	128.6	936.9	65.4,65.4
55	264.3	281.5	253.8	217.9	242.2	227.5	250.6	288.2	50- 55	119.7	1057	73.7,73.7
60	219.9	235.1	208.6	171.7	197.1	182.2	206.4	244.5	55- 60	106.6	1163	81.1,81.1
65	173.5	189.9	162.4	125.8	152.0	136.6	161.8	198.7	60- 65	90.04	1253	87.4,87.4
70	126.4	144.2	115.9	82.43	107.7	90.98	117.2	152.1	65- 70	70.72	1324	92.4,92.4
75	82.77	99.63	73.41	47.16	65.88	53.11	73.85	105.2	70- 75	49.96	1374	95.8,95.8
80	49.17	58.33	42.32	21.68	36.72	25.14	41.41	63.07	75- 80	31.08	1405	98.98
85	19.28	30.71	14.03	1.181	10.07	1.928	13.94	33.93	80- 85	15.39	1420	99.1,99.1
90	1.175	5.762	1.042	0.9506	0.8103	0.7832	0.7922	8.242	85- 90	4.314	1425	99.4,99.4
95	0.9598	0.9593	0.8740	0.8284	0.7334	0.7107	0.6745	0.7922	90- 95	0.6067	1425	99.4,99.4
100	0.8381	0.8101	0.7877	0.8873	0.7471	0.7013	0.6791	0.7381	95-100	0.4304	1426	99.5,99.5
105	0.8370	0.8198	0.8370	1.042	0.8648	0.8373	0.7924	0.6971	100-105	0.4299	1426	99.5,99.5
110	1.005	0.9555	1.000	1.209	1.010	1.005	0.9284	0.8102	105-110	0.4789	1427	99.5,99.5
115	1.150	1.114	1.150	1.363	1.155	1.150	1.073	0.9415	110-115	0.5401	1427	99.6,99.6
120	1.294	1.272	1.308	1.521	1.304	1.294	1.218	1.086	115-120	0.5925	1428	99.6,99.6
125	1.440	1.426	1.458	1.662	1.436	1.453	1.363	1.240	120-125	0.6322	1428	99.6,99.6
130	1.589	1.571	1.598	1.761	1.625	1.607	1.508	1.376	125-130	0.6563	1429	99.7,99.7
135	1.725	1.703	1.733	1.897	1.698	1.725	1.626	1.503	130-135	0.6614	1430	99.7,99.7
140	1.883	1.865	1.879	2.042	1.806	1.838	1.734	1.621	135-140	0.6548	1430	99.8,99.8
145	1.983	1.978	1.973	2.114	1.910	1.910	1.838	1.734	140-145	0.6290	1431	99.8,99.8
150	2.091	2.060	2.042	2.164	2.015	2.023	1.965	1.870	145-150	0.5823	1432	99.9,99.9
155	2.191	2.169	2.173	2.264	2.164	2.159	2.092	2.010	150-155	0.5265	1432	99.9,99.9
160	2.304	2.286	2.268	2.368	2.263	2.245	2.205	2.146	155-160	0.4613	1433	99.9,99.9
165	2.376	2.363	2.367	2.427	2.318	2.313	2.282	2.236	160-165	0.3770	1433	100,100
170	2.386	2.399	2.399	2.449	2.359	2.381	2.354	2.336	165-170	0.2802	1433	100,100
175	2.390	2.413	2.413	2.440	2.368	2.408	2.399	2.413	170-175	0.1719	1433	100,100
180	2.390	2.426	2.417	2.445	2.390	2.440	2.413	2.440	175-180	0.0578	1433	100,100
DEG	LUMINOUS INTENSITY:cd MAX (Ii - Iavg)/Iavg (0-135) = 161.1 %										UNIT:lm	



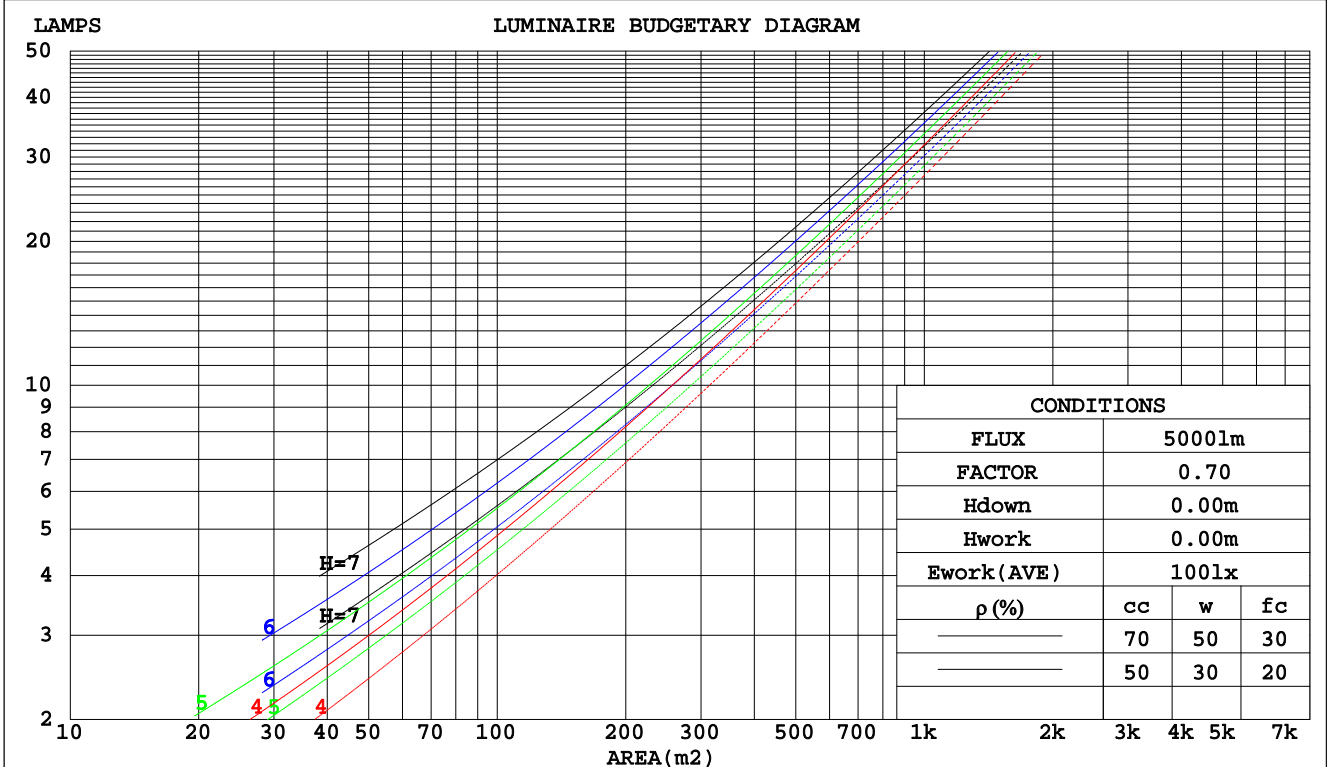
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:yechihong
Test Date:2019-05-21

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.7V I:0.2667A P:31.96W PF:0.9926 Lamp Flux:1433.49x1 lm		
NAME: BOF162600L30D1BK	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2019-05-21-02
MFR.: AFX	SUR.:0.4	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.05	1.00	.97	1.02	.99	.95	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.92	.85	.79	.90	.84	.78	.86	.81	.77	.83	.78	.75	.80	.76	.73	.71
3.0	.81	.73	.66	.79	.72	.66	.76	.70	.65	.73	.68	.63	.71	.66	.62	.60
4.0	.72	.63	.57	.70	.62	.56	.68	.61	.55	.65	.59	.54	.63	.58	.54	.52
5.0	.64	.55	.49	.63	.55	.49	.61	.54	.48	.59	.52	.47	.57	.51	.47	.45
6.0	.58	.49	.43	.57	.49	.43	.55	.48	.42	.53	.47	.42	.52	.46	.41	.39
7.0	.53	.44	.38	.52	.43	.38	.50	.43	.37	.49	.42	.37	.47	.41	.37	.35
8.0	.48	.40	.34	.47	.39	.34	.46	.39	.33	.45	.38	.33	.43	.37	.33	.31
9.0	.44	.36	.30	.43	.36	.30	.42	.35	.30	.41	.35	.30	.40	.34	.30	.28
10.0	.41	.33	.28	.40	.33	.28	.39	.32	.27	.38	.32	.27	.37	.31	.27	.25



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:yechihong
 Test Date:2019-05-21

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:120.7V I:0.2667A P:31.96W PF:0.9926 Lamp Flux:1433.49x1 lm		
NAME: BOF162600L30D1BK	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2019-05-21-02
MFR.: AFX	SUR.:0.4	PROTECTION 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	.294	.167	.053	.287	.164	.052	.273	.157	.050	.261	.150	.048	.249	.144	.047	
2.0	.279	.153	.047	.273	.150	.046	.261	.145	.045	.250	.140	.044	.240	.136	.043	
3.0	.260	.139	.042	.255	.136	.041	.244	.132	.040	.235	.129	.039	.226	.125	.039	
4.0	.242	.126	.037	.237	.124	.037	.227	.121	.036	.219	.117	.035	.211	.114	.035	
5.0	.224	.114	.033	.220	.113	.033	.212	.110	.032	.204	.108	.032	.197	.105	.032	
6.0	.209	.105	.030	.205	.103	.030	.197	.101	.029	.190	.099	.029	.184	.097	.029	
7.0	.195	.096	.027	.191	.095	.027	.185	.093	.027	.178	.091	.027	.173	.090	.026	
8.0	.182	.089	.025	.179	.088	.025	.173	.087	.025	.168	.085	.024	.162	.083	.024	
9.0	.171	.083	.023	.168	.082	.023	.163	.081	.023	.158	.079	.023	.153	.078	.022	
10.0	.161	.077	.021	.159	.077	.021	.154	.075	.021	.149	.074	.021	.145	.073	.021	

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.195	.195	.195	.167	.167	.167	.114	.114	.114	.065	.065	.065	.021	.021	.021	
1.0	.184	.161	.140	.157	.138	.121	.108	.095	.084	.062	.055	.049	.020	.018	.016	
2.0	.175	.137	.104	.150	.118	.090	.103	.081	.063	.059	.047	.037	.019	.015	.012	
3.0	.167	.119	.080	.144	.103	.070	.099	.071	.049	.057	.042	.029	.018	.014	.009	
4.0	.160	.106	.064	.137	.091	.056	.094	.064	.039	.055	.037	.023	.018	.012	.008	
5.0	.152	.095	.053	.131	.082	.046	.090	.058	.032	.052	.034	.019	.017	.011	.006	
6.0	.145	.087	.045	.125	.075	.039	.086	.053	.028	.050	.031	.016	.016	.010	.005	
7.0	.139	.080	.039	.119	.069	.034	.082	.049	.024	.048	.029	.014	.015	.009	.005	
8.0	.132	.074	.034	.114	.064	.030	.079	.045	.021	.046	.027	.013	.015	.009	.004	
9.0	.126	.069	.030	.109	.060	.027	.075	.042	.019	.044	.025	.011	.014	.008	.004	
10.0	.121	.065	.028	.104	.056	.024	.072	.040	.017	.042	.023	.010	.014	.008	.003	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:yechihong
 Test Date:2019-05-21

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:120.7V I:0.2667A P:31.96W PF:0.9926 Lamp Flux:1433.49x1 lm										
NAME: BOF162600L30D1BK					TYPE:			WEIGHT:		
DIM.:					SPEC.:			SERIAL No.:2019-05-21-02		
MFR.: AFX					SUR.:0.4			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	17.6	19.1	17.9	19.3	19.5	17.6	19.0	17.8	19.2	19.5
3H	18.9	20.3	19.2	20.5	20.8	18.8	20.2	19.1	20.4	20.7
4H	19.4	20.7	19.7	21.0	21.2	19.3	20.5	19.6	20.8	21.1
6H	19.7	20.9	20.0	21.2	21.5	19.5	20.7	19.8	21.0	21.3
8H	19.8	21.0	20.1	21.3	21.6	19.6	20.7	19.9	21.0	21.3
12H	19.8	21.0	20.2	21.3	21.6	19.6	20.7	20.0	21.0	21.3
4H 2H	18.2	19.5	18.6	19.8	20.1	18.2	19.5	18.5	19.8	20.0
3H	19.8	20.9	20.1	21.2	21.5	19.7	20.8	20.1	21.1	21.5
4H	20.4	21.4	20.7	21.7	22.1	20.3	21.3	20.7	21.6	22.0
6H	20.8	21.7	21.2	22.0	22.4	20.7	21.6	21.1	21.9	22.3
8H	20.9	21.8	21.3	22.1	22.5	20.8	21.6	21.2	22.0	22.4
12H	21.0	21.8	21.4	22.2	22.6	20.8	21.6	21.3	22.0	22.4
8H 4H	20.6	21.5	21.1	21.9	22.3	20.6	21.4	21.0	21.8	22.2
6H	21.2	21.9	21.6	22.3	22.7	21.1	21.8	21.6	22.2	22.7
8H	21.4	22.0	21.9	22.5	22.9	21.3	21.9	21.8	22.4	22.8
12H	21.6	22.1	22.1	22.6	23.1	21.5	22.0	21.9	22.5	22.9
12H 4H	20.6	21.4	21.1	21.8	22.2	20.6	21.3	21.0	21.7	22.2
6H	21.3	21.9	21.7	22.3	22.8	21.2	21.8	21.6	22.2	22.7
8H	21.5	22.1	22.0	22.5	23.0	21.4	22.0	21.9	22.4	22.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.3				
1.5H	+ 0.2 / - 0.4					+ 0.3 / - 0.5				
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.5				

CIE Pub.117 Corrected 1433 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.3)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:yechihong
 Test Date:2019-05-21

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:120.7V I:0.2667A P:31.96W PF:0.9926 Lamp Flux:1433.49x1 lm		
NAME: BOF162600L30D1BK	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2019-05-21-02
MFR.: AFX	SUR.:0.4	PROTECTION ANGLE:

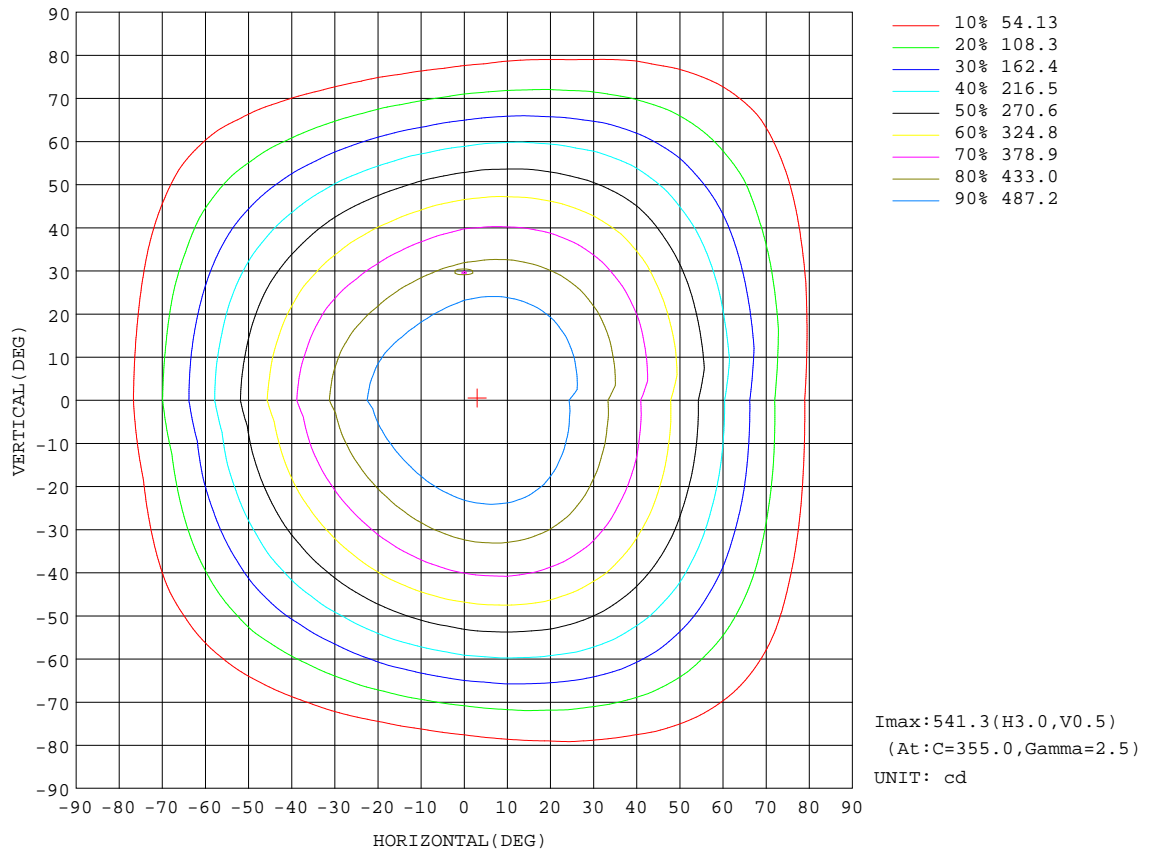
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	59	47	41	58	47	41	57	47	40	34
0.80	69	58	50	68	57	50	66	56	50	43
1.00	77	67	60	76	66	59	74	67	59	52
1.25	84	74	67	83	74	67	80	72	66	59
1.50	89	80	73	88	79	73	85	77	71	64
2.00	96	88	82	94	87	81	91	84	79	72
2.50	100	92	87	98	91	86	94	88	84	75
3.00	103	96	91	101	95	90	97	92	88	79
4.00	107	101	97	104	100	96	100	96	93	84
5.00	109	105	101	107	103	99	102	99	96	87
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:2019-05-21

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:120.7V I:0.2667A P:31.96W PF:0.9926 Lamp Flux:1433.49x1 lm		
NAME: BOF162600L30D1BK	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2019-05-21-02
MFR.: AFX	SUR.:0.4	PROTECTION ANGLE:

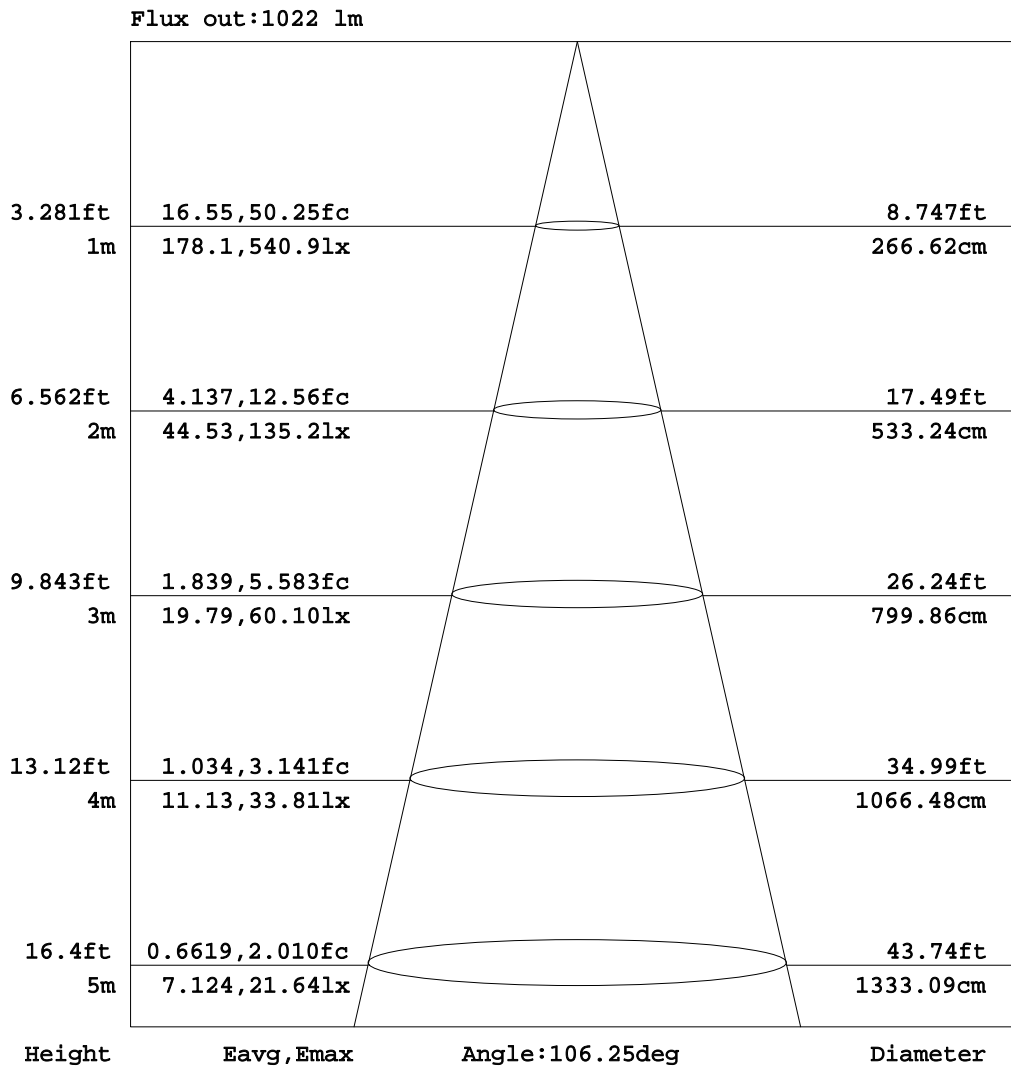


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: yechihong
 Test Date: 2019-05-21

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:

AAI Figure

Test:U:120.7V I:0.2667A P:31.96W PF:0.9926 Lamp Flux:1433.49x1 lm		
NAME: BOF162600L30D1BK	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2019-05-21-02
MFR.: AFX	SUR.:0.4	PROTECTION ANGLE:



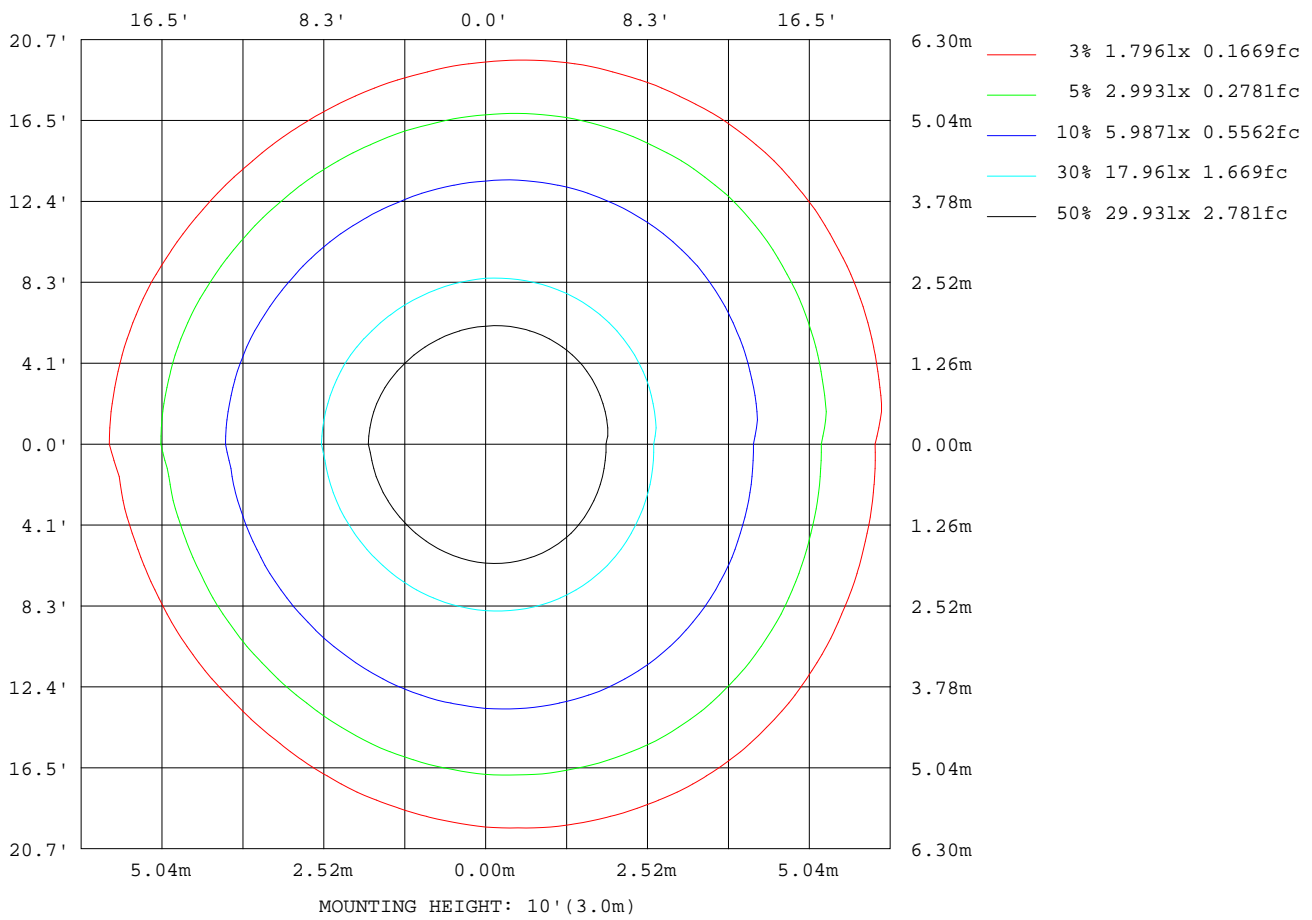
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:yechihong
 Test Date:2019-05-21

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

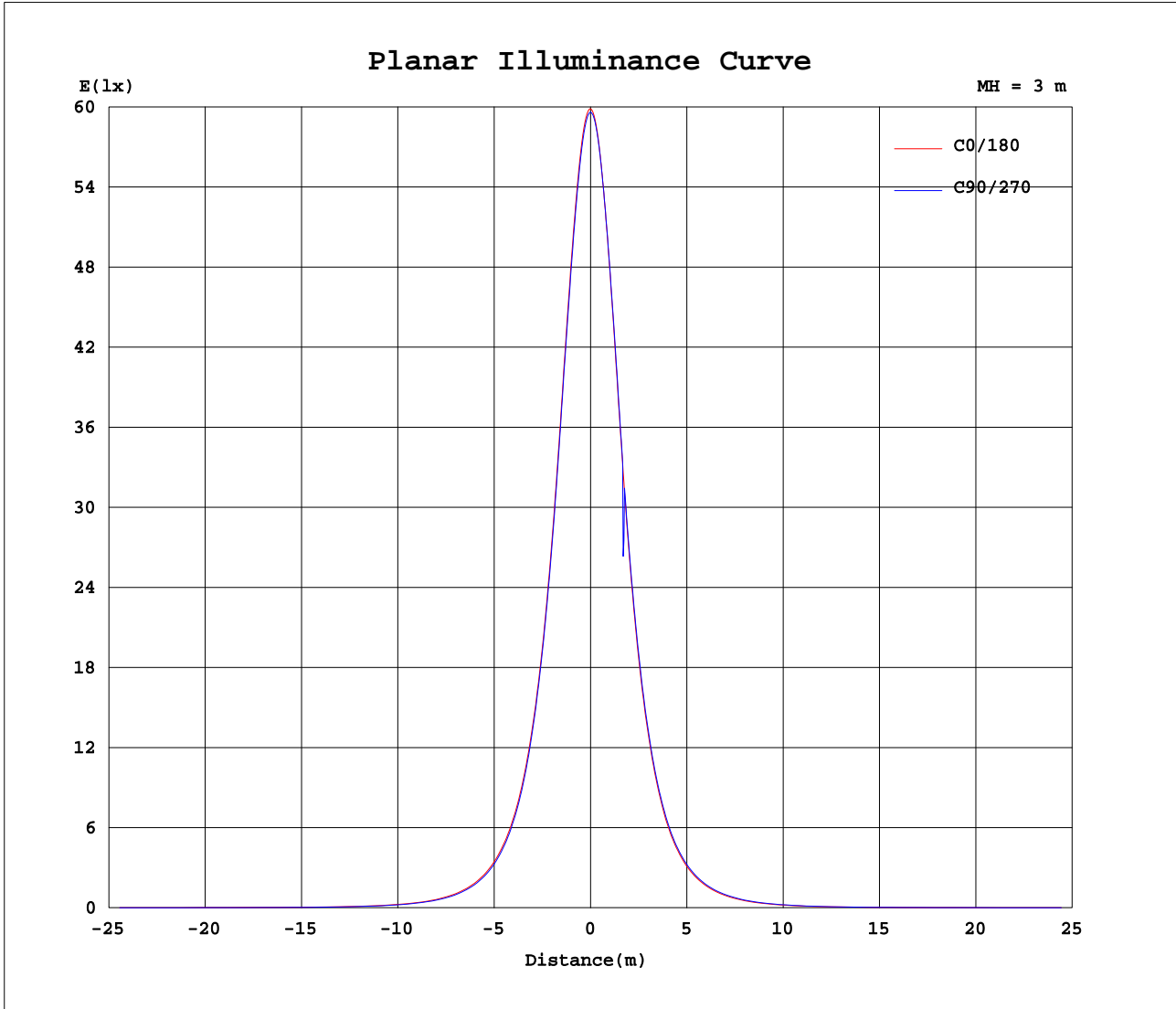
Test:U:120.7V I:0.2667A P:31.96W PF:0.9926 Lamp Flux:1433.49x1 lm		
NAME: BOF162600L30D1BK	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2019-05-21-02
MFR.: AFX	SUR.:0.4	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:yechihong
 Test Date:2019-05-21

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:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: yechihong
 Test Date: 2019-05-21

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:120.7V I:0.2667A P:31.96W PF:0.9926 Lamp Flux:1433.49x1 lm		
NAME: BOF162600L30D1BK	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2019-05-21-02
MFR.: AFX	SUR.:0.4	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	539	539	539	539	539	539	539	539	539	538	538	538	537	537	537	536	536	536	536
5	537	538	538	538	538	538	539	539	539	539	538	538	537	537	536	536	535	534	534
10	531	532	532	532	533	533	534	534	534	534	534	534	533	532	531	530	529	528	527
15	520	521	521	522	523	523	524	525	525	525	525	525	524	523	521	520	518	517	515
20	505	506	506	507	508	509	510	511	511	512	511	511	510	509	507	506	503	502	499
25	483	485	486	488	489	490	491	492	493	494	494	493	492	491	489	487	484	481	478
30	454	456	456	458	459	461	463	465	467	468	468	467	466	464	461	458	455	452	448
35	421	423	424	426	427	430	431	433	435	436	436	436	434	432	429	427	423	420	415
40	386	388	389	392	393	395	396	399	400	402	401	401	399	398	395	392	388	384	380
45	348	350	351	354	355	357	359	362	364	365	364	364	362	361	357	354	349	345	340
50	307	309	310	312	314	317	319	322	323	325	324	324	322	320	316	312	307	303	298
55	264	265	267	268	270	274	276	279	280	282	281	281	279	277	272	267	263	258	254
60	220	221	222	223	226	228	231	232	235	235	237	235	234	230	226	222	218	212	209
65	174	175	177	178	181	182	185	187	189	190	191	190	188	184	180	176	172	166	162
70	126	129	131	133	135	136	138	141	144	144	145	143	141	138	134	131	126	121	116
75	82.8	84.6	86.1	89.0	89.9	91.9	93.5	96.7	98.3	99.6	99.1	98.5	96.1	94.6	90.5	87.3	82.6	78.5	73.4
80	49.2	50.1	49.9	51.1	51.7	53.3	54.6	56.4	57.4	58.3	57.4	57.1	56.3	55.2	52.0	49.9	47.6	45.6	42.3
85	19.3	20.8	21.7	23.1	23.8	25.5	26.8	28.7	30.0	30.7	29.8	29.3	27.6	26.4	23.9	21.8	19.0	16.7	14.0
90	1.18	1.17	1.25	1.31	1.62	2.34	3.00	4.22	4.98	5.76	5.64	5.55	4.66	3.89	2.61	1.63	1.18	1.14	1.04
95	0.96	0.94	0.97	0.95	1.00	0.96	1.01	0.98	1.01	0.96	1.01	0.94	0.96	0.95	0.94	0.89	0.93	0.85	0.87
100	0.84	0.80	0.85	0.81	0.86	0.82	0.86	0.82	0.86	0.81	0.84	0.80	0.84	0.80	0.80	0.77	0.81	0.78	0.79
105	0.84	0.86	0.82	0.84	0.80	0.85	0.82	0.84	0.81	0.82	0.80	0.81	0.80	0.81	0.78	0.82	0.81	0.85	0.84
110	1.00	1.01	0.97	1.00	0.95	0.97	0.95	0.98	0.93	0.96	0.91	0.94	0.90	0.95	0.93	0.97	0.95	1.01	1.00
115	1.15	1.17	1.13	1.15	1.11	1.14	1.11	1.14	1.09	1.11	1.08	1.10	1.07	1.11	1.07	1.12	1.10	1.16	1.15
120	1.29	1.32	1.29	1.31	1.27	1.29	1.28	1.30	1.25	1.27	1.23	1.25	1.22	1.26	1.23	1.28	1.27	1.31	1.31
125	1.44	1.46	1.44	1.46	1.43	1.44	1.43	1.45	1.40	1.43	1.38	1.41	1.37	1.41	1.39	1.42	1.42	1.46	1.46
130	1.59	1.61	1.58	1.61	1.57	1.59	1.58	1.60	1.56	1.57	1.53	1.56	1.53	1.56	1.53	1.57	1.55	1.60	1.60
135	1.72	1.75	1.73	1.74	1.72	1.73	1.71	1.73	1.68	1.70	1.65	1.68	1.66	1.68	1.66	1.70	1.69	1.73	1.73
140	1.88	1.90	1.88	1.90	1.87	1.88	1.87	1.89	1.85	1.87	1.83	1.86	1.82	1.85	1.82	1.86	1.84	1.89	1.88
145	1.98	2.01	1.99	2.01	1.98	2.00	2.00	2.00	1.96	1.98	1.94	1.96	1.93	1.95	1.94	1.96	1.95	1.98	1.97
150	2.09	2.10	2.09	2.10	2.09	2.09	2.06	2.08	2.05	2.06	2.02	2.04	2.01	2.04	2.01	2.04	2.02	2.05	2.04
155	2.19	2.21	2.20	2.22	2.20	2.21	2.18	2.20	2.16	2.17	2.13	2.16	2.13	2.15	2.12	2.14	2.15	2.16	2.17
160	2.30	2.31	2.30	2.32	2.31	2.32	2.29	2.30	2.26	2.29	2.25	2.27	2.25	2.26	2.25	2.26	2.25	2.28	2.27
165	2.38	2.38	2.39	2.38	2.37	2.39	2.38	2.38	2.34	2.36	2.35	2.36	2.35	2.35	2.34	2.35	2.34	2.36	2.37
170	2.39	2.39	2.39	2.40	2.40	2.42	2.39	2.41	2.39	2.40	2.41	2.42	2.39	2.41	2.39	2.40	2.39	2.40	2.40
175	2.39	2.38	2.39	2.39	2.41	2.41	2.41	2.41	2.40	2.41	2.43	2.43	2.42	2.42	2.40	2.41	2.41	2.41	2.41
180	2.39	2.39	2.40	2.41	2.43	2.42	2.42	2.42	2.42	2.43	2.45	2.45	2.43	2.43	2.42	2.42	2.42	2.42	2.42

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:yechihong
 Test Date:2019-05-21

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:120.7V I:0.2667A P:31.96W PF:0.9926 Lamp Flux:1433.49x1 lm		
NAME: BOF162600L30D1BK	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2019-05-21-02
MFR.: AFX	SUR.:0.4	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	536	536	536	536	537	537	537	537	538	538	539	539	539	540	540	541	541	539	539
5	533	533	532	532	532	531	531	531	532	532	532	533	534	534	535	535	536	536	535
10	526	525	524	523	522	521	521	521	521	521	521	522	523	524	525	526	526	528	527
15	514	512	511	509	508	507	506	505	505	505	506	506	507	508	510	511	512	515	515
20	497	495	493	491	490	488	487	486	485	485	485	486	487	488	490	492	494	498	497
25	475	472	469	465	463	460	458	456	455	455	456	456	458	459	461	463	465	473	471
30	444	440	437	433	430	427	425	423	422	421	422	422	424	426	428	430	433	442	440
35	411	407	403	399	396	392	390	387	386	385	386	386	388	390	393	395	398	407	405
40	375	370	367	362	359	355	352	349	348	347	347	348	350	352	354	356	359	370	368
45	336	331	327	322	319	315	312	309	307	306	306	306	309	310	313	315	319	330	328
50	294	289	285	279	276	271	268	266	262	263	262	263	263	266	269	273	276	288	286
55	248	244	239	235	230	226	222	220	218	218	217	219	218	221	223	228	230	242	242
60	202	198	193	189	184	180	176	174	172	172	172	173	173	175	177	182	184	197	197
65	157	152	147	143	138	134	130	127	126	125	127	126	128	129	132	135	138	152	151
70	111	106	102	97.3	94.3	90.0	86.8	84.1	82.4	81.6	82.5	82.3	83.7	85.5	87.9	90.5	94.0	108	106
75	69.5	64.4	61.1	57.4	54.9	52.6	50.9	48.7	47.2	46.6	46.8	47.1	48.1	49.7	52.7	53.9	55.4	65.9	64.1
80	39.0	35.2	32.6	29.2	27.2	25.1	24.1	22.4	21.7	21.1	21.2	21.0	22.0	22.8	24.8	26.5	28.3	36.7	34.9
85	11.8	9.28	7.46	5.22	3.73	2.18	1.57	1.26	1.18	1.38	1.18	1.22	1.20	1.33	2.03	2.94	4.02	10.1	8.91
90	0.95	1.01	0.97	1.02	0.96	1.02	0.96	0.99	0.95	1.15	0.94	1.00	0.95	0.97	0.96	1.01	1.01	0.81	0.80
95	0.82	0.86	0.81	0.85	0.81	0.86	0.82	0.86	0.83	1.03	0.85	0.88	0.83	0.88	0.85	0.90	0.86	0.73	0.77
100	0.80	0.80	0.82	0.80	0.83	0.82	0.87	0.85	0.89	1.02	0.91	0.86	0.86	0.83	0.87	0.85	0.87	0.75	0.73
105	0.90	0.88	0.94	0.93	0.98	0.97	1.02	1.01	1.04	1.17	1.06	1.02	1.01	0.97	1.00	0.97	1.00	0.86	0.83
110	1.05	1.04	1.10	1.08	1.14	1.13	1.18	1.16	1.21	1.34	1.22	1.19	1.17	1.12	1.15	1.11	1.14	1.01	1.00
115	1.20	1.20	1.25	1.24	1.29	1.29	1.34	1.32	1.36	1.50	1.39	1.35	1.32	1.27	1.30	1.26	1.29	1.15	1.13
120	1.36	1.36	1.41	1.39	1.45	1.44	1.49	1.47	1.52	1.65	1.53	1.51	1.47	1.42	1.44	1.41	1.44	1.30	1.29
125	1.51	1.51	1.55	1.54	1.59	1.59	1.63	1.61	1.66	1.79	1.67	1.64	1.60	1.55	1.58	1.55	1.57	1.44	1.43
130	1.64	1.62	1.68	1.65	1.70	1.69	1.73	1.72	1.76	1.90	1.78	1.75	1.72	1.67	1.69	1.66	1.69	1.63	1.57
135	1.77	1.77	1.81	1.80	1.85	1.84	1.87	1.86	1.90	2.05	1.92	1.90	1.85	1.80	1.82	1.80	1.82	1.70	1.67
140	1.91	1.91	1.96	1.96	1.99	1.99	2.02	2.01	2.04	2.20	2.06	2.03	2.00	1.94	1.96	1.94	1.96	1.81	1.80
145	2.01	2.00	2.03	2.02	2.06	2.06	2.09	2.10	2.11	2.25	2.11	2.10	2.07	2.01	2.04	2.02	2.05	1.91	1.90
150	2.08	2.07	2.10	2.09	2.12	2.12	2.15	2.16	2.16	2.31	2.18	2.16	2.15	2.10	2.11	2.10	2.12	2.01	2.00
155	2.18	2.18	2.21	2.20	2.22	2.23	2.25	2.24	2.26	2.40	2.28	2.26	2.26	2.20	2.22	2.21	2.23	2.16	2.16
160	2.30	2.27	2.31	2.30	2.33	2.32	2.34	2.33	2.37	2.49	2.38	2.37	2.34	2.29	2.31	2.30	2.32	2.26	2.26
165	2.38	2.37	2.39	2.38	2.40	2.39	2.42	2.41	2.43	2.62	2.45	2.43	2.39	2.37	2.38	2.38	2.40	2.32	2.30
170	2.41	2.40	2.42	2.41	2.43	2.42	2.44	2.43	2.45	2.70	2.45	2.44	2.38	2.39	2.39	2.40	2.40	2.36	2.35
175	2.42	2.41	2.42	2.42	2.43	2.43	2.43	2.44	2.44	2.70	2.45	2.45	2.45	2.38	2.39	2.40	2.40	2.37	2.38
180	2.42	2.42	2.42	2.42	2.43	2.44	2.44	2.44	2.44	2.67	2.45	2.45	2.46	2.39	2.39	2.40	2.41	2.39	2.39

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:yechihong
 Test Date:2019-05-21

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:120.7V I:0.2667A P:31.96W PF:0.9926 Lamp Flux:1433.49x1 lm		
NAME: BOF162600L30D1BK	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2019-05-21-02
MFR.: AFX	SUR.:0.4	PROTECTION ANGLE:

Table--3

UNIT: cd

C(DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	539	539	539	539	539	539	539	538	538	538	537	537	537	536	536	536	536	536	536
5	535	535	535	535	535	534	534	533	533	533	532	532	532	533	533	533	534	534	535
10	527	527	526	526	525	525	524	523	523	523	523	523	524	524	525	526	527	528	529
15	514	514	513	512	512	511	510	509	509	509	509	509	510	511	513	514	516	517	519
20	497	496	495	494	493	492	491	489	489	489	490	491	493	494	496	497	500	502	504
25	470	469	468	466	465	463	462	460	460	460	461	462	464	466	470	473	477	479	483
30	439	438	437	435	433	431	430	428	429	428	430	431	433	435	439	441	381	448	452
35	404	403	402	400	399	397	395	393	393	393	395	396	399	401	405	408	412	415	420
40	367	365	364	362	362	360	358	355	356	355	357	358	361	364	368	371	377	380	384
45	327	325	324	322	321	318	317	315	316	316	317	318	321	324	329	332	337	341	346
50	285	283	282	279	277	274	273	273	273	273	274	276	279	282	287	290	296	301	306
55	239	239	237	235	231	229	227	228	228	229	230	232	234	239	242	247	251	257	261
60	195	194	192	189	186	184	183	182	182	183	185	187	190	194	197	202	206	212	217
65	150	148	146	144	141	139	138	137	136	138	139	142	145	148	152	157	162	167	172
70	105	102	102	98.8	97.4	93.9	93.0	91.0	91.9	92.1	93.9	95.9	99.7	102	107	111	117	122	127
75	63.4	61.6	61.1	58.9	57.5	54.7	54.1	53.1	53.2	53.3	54.8	56.4	59.2	60.9	64.9	69.0	73.8	77.6	82.7
80	33.9	32.5	31.9	30.1	29.1	27.1	26.4	25.1	25.4	25.4	26.7	27.9	30.5	33.0	36.5	38.1	41.4	44.2	47.7
85	8.32	7.08	6.46	5.16	4.47	3.11	2.65	1.93	2.20	2.17	3.02	3.72	5.32	6.71	9.02	11.1	13.9	16.0	19.1
90	0.76	0.79	0.81	0.78	0.75	0.77	0.74	0.78	0.72	0.77	0.72	0.79	0.74	0.79	0.76	0.81	0.79	0.77	0.84
95	0.72	0.77	0.71	0.72	0.70	0.70	0.69	0.71	0.66	0.70	0.65	0.69	0.67	0.70	0.67	0.72	0.67	0.72	0.70
100	0.74	0.72	0.75	0.71	0.76	0.71	0.75	0.70	0.74	0.68	0.72	0.67	0.70	0.67	0.70	0.68	0.68	0.68	0.68
105	0.87	0.86	0.89	0.85	0.89	0.86	0.88	0.84	0.87	0.82	0.85	0.81	0.84	0.80	0.82	0.77	0.79	0.75	0.77
110	1.02	1.01	1.04	1.00	1.05	1.00	1.05	1.00	1.02	0.97	1.01	0.95	0.98	0.93	0.96	0.91	0.93	0.88	0.90
115	1.17	1.15	1.20	1.17	1.21	1.17	1.21	1.15	1.17	1.13	1.15	1.10	1.13	1.07	1.10	1.05	1.07	1.02	1.05
120	1.32	1.31	1.34	1.32	1.36	1.31	1.35	1.29	1.32	1.27	1.29	1.25	1.27	1.23	1.25	1.21	1.22	1.17	1.19
125	1.48	1.46	1.49	1.47	1.51	1.48	1.51	1.45	1.47	1.43	1.45	1.42	1.43	1.38	1.40	1.36	1.36	1.32	1.34
130	1.60	1.60	1.63	1.60	1.65	1.62	1.66	1.61	1.63	1.58	1.59	1.55	1.56	1.52	1.53	1.51	1.51	1.46	1.48
135	1.71	1.70	1.73	1.72	1.75	1.72	1.76	1.72	1.74	1.69	1.69	1.66	1.67	1.62	1.65	1.60	1.63	1.58	1.59
140	1.82	1.81	1.84	1.82	1.86	1.83	1.87	1.84	1.87	1.82	1.83	1.79	1.79	1.75	1.76	1.72	1.73	1.70	1.70
145	1.93	1.93	1.94	1.95	1.96	1.93	1.94	1.91	1.94	1.91	1.92	1.89	1.89	1.86	1.87	1.83	1.84	1.80	1.81
150	2.02	2.02	2.04	2.02	2.04	2.03	2.06	2.02	2.05	2.01	2.03	2.00	2.01	1.98	1.99	1.96	1.96	1.92	1.94
155	2.18	2.16	2.19	2.17	2.20	2.17	2.19	2.16	2.17	2.16	2.15	2.13	2.14	2.10	2.11	2.09	2.09	2.05	2.06
160	2.27	2.28	2.30	2.28	2.30	2.27	2.29	2.25	2.26	2.25	2.24	2.24	2.24	2.22	2.22	2.19	2.20	2.17	2.18
165	2.34	2.34	2.35	2.34	2.36	2.33	2.34	2.31	2.32	2.30	2.31	2.29	2.30	2.28	2.29	2.27	2.28	2.25	2.26
170	2.37	2.39	2.39	2.39	2.40	2.39	2.39	2.38	2.39	2.39	2.38	2.38	2.37	2.36	2.37	2.35	2.35	2.34	2.35
175	2.38	2.39	2.39	2.40	2.40	2.39	2.41	2.41	2.42	2.41	2.42	2.40	2.41	2.39	2.41	2.39	2.40	2.39	2.41
180	2.39	2.41	2.41	2.42	2.42	2.42	2.42	2.44	2.44	2.44	2.44	2.42	2.42	2.42	2.42	2.42	2.41	2.43	2.42

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:yechihong
 Test Date:2019-05-21

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:120.7V I:0.2667A P:31.96W PF:0.9926 Lamp Flux:1433.49x1 lm		
NAME: BOF162600L30D1BK	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2019-05-21-02
MFR.: AFX	SUR.:0.4	PROTECTION ANGLE:

Table--4

UNIT: cd

C(DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	536	536	537	537	537	537	538	538	539	539	539	540	540	541	541				
5	536	536	537	538	538	539	539	540	540	541	541	541	541	541	541				
10	530	531	532	534	535	535	536	537	537	537	537	537	537	537	536				
15	520	522	523	525	526	527	528	529	529	529	529	529	528	528	527				
20	506	508	510	512	513	515	516	517	517	517	516	516	515	514	513				
25	486	489	491	494	496	498	499	500	499	500	499	498	497	495	494				
30	455	459	462	466	468	471	472	473	473	473	472	471	469	468	465				
35	423	427	430	434	436	439	441	443	443	443	442	440	438	437	434				
40	388	392	395	399	402	405	407	408	408	409	408	407	405	402	399				
45	350	355	358	363	365	368	370	372	372	372	371	370	367	365	361				
50	309	314	318	322	325	328	330	333	332	332	330	328	326	325	321				
55	267	272	275	280	283	287	288	291	290	289	286	286	283	282	279				
60	223	226	231	234	239	241	245	245	245	242	242	240	238	235	234				
65	178	181	186	189	194	197	199	199	199	197	196	194	192	189	188				
70	132	136	140	144	149	150	152	153	153	151	150	149	146	144	141				
75	86.8	91.2	94.5	98.8	101	104	105	107	106	105	104	104	100	98.3	95.5				
80	50.1	51.9	53.8	57.1	60.4	63.1	63.1	64.6	64.2	63.8	63.3	62.6	59.8	58.3	56.6				
85	21.7	24.8	27.0	29.8	31.3	33.4	33.9	35.0	34.3	34.5	33.5	33.0	30.8	29.3	27.4				
90	0.95	1.96	3.23	4.93	6.06	7.56	8.24	9.25	8.74	8.66	7.67	6.88	5.33	4.34	3.00				
95	0.75	0.73	0.82	0.75	0.84	0.81	0.79	1.11	0.81	0.77	0.81	0.81	0.80	0.78	0.81				
100	0.71	0.69	0.72	0.70	0.74	0.69	0.74	0.96	0.75	0.69	0.72	0.68	0.72	0.68	0.72				
105	0.72	0.75	0.71	0.73	0.70	0.73	0.70	1.09	0.69	0.71	0.68	0.71	0.67	0.72	0.68				
110	0.86	0.88	0.84	0.86	0.82	0.86	0.81	1.23	0.80	0.83	0.80	0.84	0.81	0.85	0.83				
115	1.00	1.02	0.99	1.01	0.96	0.99	0.94	1.37	0.94	0.98	0.96	0.99	0.96	1.01	1.00				
120	1.15	1.16	1.12	1.15	1.10	1.13	1.09	1.51	1.09	1.12	1.09	1.14	1.11	1.16	1.14				
125	1.29	1.31	1.27	1.30	1.25	1.28	1.24	1.59	1.24	1.27	1.24	1.28	1.27	1.31	1.29				
130	1.43	1.45	1.40	1.43	1.39	1.41	1.38	1.63	1.38	1.41	1.38	1.43	1.40	1.45	1.43				
135	1.55	1.57	1.53	1.54	1.51	1.53	1.50	1.80	1.50	1.53	1.51	1.54	1.54	1.58	1.56				
140	1.67	1.68	1.65	1.68	1.63	1.66	1.62	1.88	1.62	1.66	1.63	1.67	1.65	1.69	1.68				
145	1.78	1.79	1.75	1.77	1.74	1.76	1.73	1.77	1.74	1.76	1.74	1.78	1.77	1.81	1.81				
150	1.90	1.92	1.88	1.91	1.87	1.89	1.87	1.89	1.86	1.90	1.85	1.89	1.89	1.92	1.91				
155	2.03	2.05	2.01	2.02	2.01	2.02	2.01	2.02	2.00	2.02	1.96	1.99	1.99	2.02	2.02				
160	2.17	2.16	2.16	2.15	2.15	2.15	2.15	2.15	2.15	2.16	2.09	2.12	2.11	2.14	2.13				
165	2.24	2.26	2.23	2.25	2.23	2.24	2.24	2.25	2.24	2.25	2.21	2.23	2.24	2.26	2.25				
170	2.34	2.35	2.33	2.34	2.33	2.35	2.34	2.36	2.35	2.36	2.31	2.33	2.34	2.35	2.35				
175	2.40	2.42	2.40	2.41	2.40	2.43	2.41	2.43	2.42	2.44	2.36	2.37	2.38	2.39	2.39				
180	2.42	2.42	2.42	2.42	2.43	2.44	2.44	2.44	2.46	2.45	2.38	2.38	2.39	2.40	2.40				

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:yechihong
 Test Date:2019-05-21

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	538.8	538.8	538.8	538.9	538.9	538.9	538.9	538.7	538.6	538.1
2.5	538.6	538.8	538.8	539.1	539.1	539.2	539.3	539.2	539.1	538.9
5.0	537.3	537.6	537.7	538.0	538.2	538.5	538.6	538.7	538.8	538.6
7.5	534.9	535.2	535.4	535.9	536.1	536.5	536.7	537.0	537.1	537.0
10.0	531.2	531.6	531.8	532.5	532.8	533.3	533.6	534.1	534.3	534.3
12.5	526.2	526.8	527.1	527.9	528.3	529.0	529.4	530.0	530.3	530.5
15.0	520.2	520.9	521.3	522.1	522.6	523.5	523.9	524.8	525.1	525.4
17.5	513.0	513.8	514.3	515.2	515.8	516.8	517.3	518.4	518.8	519.2
20.0	504.7	505.6	506.1	507.2	507.9	509.0	509.7	510.9	511.4	512.0
22.5	495.3	496.4	496.9	498.1	498.8	500.1	500.8	502.2	502.8	503.5
25.0	483.5	485.1	486.0	487.7	488.8	490.1	491.0	492.4	493.2	494.0
27.5	468.6	470.5	471.6	473.6	474.9	477.1	478.5	480.7	481.7	482.7
30.0	454.1	455.6	456.4	458.3	459.3	461.4	462.9	465.4	466.8	468.1
32.5	438.5	439.9	440.5	442.4	443.7	445.7	447.1	449.5	450.9	452.4
35.0	421.4	423.5	424.1	426.1	427.1	429.6	431.0	433.5	434.6	436.1
37.5	403.7	406.0	407.1	409.2	410.3	412.7	414.1	416.5	417.8	419.4
40.0	385.7	387.7	389.1	391.6	392.8	394.9	396.1	399.0	400.4	402.0
42.5	367.1	369.0	370.2	373.2	374.2	376.2	377.6	380.7	382.3	384.0
45.0	347.7	349.8	350.8	353.8	355.0	357.1	358.7	361.8	363.5	365.2
47.5	327.6	329.8	330.8	333.2	335.1	337.6	339.2	342.0	343.6	345.6
50.0	307.0	309.2	310.2	312.0	314.2	317.4	318.9	321.5	322.9	325.1
52.5	285.8	288.0	288.8	290.6	292.6	296.5	297.7	300.6	301.7	303.7
55.0	264.3	264.9	267.0	267.9	270.4	274.2	275.8	279.0	279.8	281.5
57.5	242.4	243.0	244.7	245.5	248.2	250.8	253.6	254.9	257.6	257.4
60.0	219.9	220.8	222.2	223.2	225.8	228.1	231.2	232.5	234.8	235.1
62.5	196.7	198.1	199.6	200.7	203.2	205.1	208.2	209.8	212.1	212.6
65.0	173.5	175.1	176.8	178.0	180.5	182.1	185.0	186.9	189.2	189.9
67.5	150.2	151.9	154.1	155.3	157.9	159.1	161.7	163.8	166.3	167.0
70.0	126.4	128.9	130.8	132.9	134.8	136.3	138.4	140.9	143.5	144.2
72.5	103.5	106.5	108.2	110.7	112.1	114.0	115.4	118.5	120.1	121.7
75.0	82.77	84.63	86.08	89.04	89.92	91.85	93.47	96.65	98.28	99.63
77.5	63.56	65.07	65.63	68.42	69.17	70.98	72.65	75.58	76.94	78.04
80.0	49.17	50.10	49.90	51.10	51.72	53.28	54.57	56.36	57.36	58.33
82.5	33.48	35.35	36.05	37.61	38.43	40.00	41.42	43.21	44.03	44.83
85.0	19.28	20.84	21.74	23.09	23.83	25.45	26.85	28.71	29.97	30.71
87.5	7.160	8.428	9.139	10.46	11.21	12.58	13.68	15.31	16.45	17.40
90.0	1.175	1.167	1.251	1.312	1.616	2.344	2.998	4.215	4.983	5.762
92.5	1.009	1.041	1.014	1.023	1.050	1.001	1.047	1.028	1.093	1.099
95.0	0.9598	0.9364	0.9738	0.9460	0.9962	0.9641	1.015	0.9817	1.005	0.9593
97.5	0.8964	0.8507	0.8923	0.8597	0.9010	0.8961	0.9191	0.8916	0.9419	0.8781
100.0	0.8381	0.8012	0.8468	0.8058	0.8556	0.8192	0.8602	0.8236	0.8648	0.8101
102.5	0.8148	0.8060	0.8104	0.8149	0.8013	0.8104	0.8194	0.8103	0.8060	0.7968
105.0	0.8370	0.8601	0.8191	0.8421	0.8013	0.8466	0.8194	0.8423	0.8058	0.8198
107.5	0.9231	0.9373	0.8871	0.9235	0.8691	0.8877	0.8734	0.9057	0.8509	0.8784
110.0	1.005	1.005	0.9685	0.9963	0.9461	0.9691	0.9461	0.9780	0.9280	0.9555
112.5	1.077	1.087	1.054	1.078	1.027	1.055	1.031	1.059	1.009	1.037
115.0	1.150	1.168	1.132	1.155	1.109	1.141	1.109	1.137	1.095	1.114
117.5	1.226	1.245	1.217	1.227	1.186	1.222	1.195	1.213	1.167	1.200
120.0	1.294	1.318	1.290	1.313	1.267	1.295	1.281	1.299	1.254	1.272
122.5	1.367	1.390	1.362	1.390	1.349	1.372	1.366	1.377	1.326	1.354
125.0	1.440	1.462	1.439	1.458	1.426	1.440	1.435	1.453	1.403	1.426
127.5	1.516	1.539	1.512	1.535	1.502	1.517	1.512	1.521	1.480	1.499
130.0	1.589	1.608	1.580	1.607	1.571	1.594	1.584	1.603	1.557	1.571
132.5	1.657	1.680	1.657	1.675	1.630	1.666	1.638	1.670	1.612	1.639
135.0	1.725	1.748	1.729	1.743	1.720	1.729	1.711	1.725	1.683	1.703
137.5	1.815	1.829	1.811	1.820	1.802	1.807	1.802	1.815	1.765	1.784
140.0	1.883	1.897	1.883	1.897	1.869	1.883	1.874	1.892	1.847	1.865
142.5	1.942	1.960	1.955	1.960	1.950	1.947	1.946	1.956	1.910	1.929
145.0	1.983	2.006	1.992	2.005	1.983	1.997	2.000	2.001	1.965	1.978
147.5	2.037	2.051	2.042	2.055	2.037	2.046	2.033	2.051	2.010	2.033
150.0	2.091	2.096	2.091	2.101	2.087	2.092	2.064	2.078	2.046	2.060
152.5	2.118	2.137	2.140	2.141	2.127	2.141	2.105	2.119	2.096	2.096
155.0	2.191	2.209	2.204	2.218	2.200	2.214	2.182	2.196	2.163	2.169
157.5	2.241	2.254	2.254	2.268	2.250	2.272	2.232	2.241	2.209	2.223
160.0	2.304	2.313	2.304	2.322	2.309	2.318	2.290	2.304	2.263	2.286
162.5	2.322	2.336	2.336	2.345	2.331	2.345	2.322	2.327	2.300	2.313
165.0	2.376	2.381	2.386	2.381	2.372	2.386	2.376	2.377	2.345	2.363
167.5	2.386	2.390	2.386	2.390	2.386	2.395	2.390	2.395	2.386	2.390
170.0	2.386	2.390	2.386	2.404	2.399	2.417	2.390	2.408	2.390	2.399
172.5	2.395	2.390	2.404	2.399	2.413	2.413	2.408	2.404	2.404	2.408
175.0	2.390	2.381	2.395	2.395	2.408	2.413	2.408	2.413	2.404	2.413
177.5	2.390	2.386	2.395	2.408	2.408	2.422	2.408	2.417	2.413	2.426
180.0	2.390	2.390	2.404	2.408	2.431	2.422	2.417	2.417	2.422	2.426

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: yechihong
 Test Date: 2019-05-21

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	537.9	537.5	537.2	536.8	536.5	536.4	536.3	536.3	536.5	536.1
2.5	538.7	538.3	537.8	537.4	536.9	536.5	536.2	535.9	535.9	535.2
5.0	538.3	537.9	537.3	536.8	536.1	535.6	535.0	534.5	534.1	533.2
7.5	536.7	536.3	535.7	535.0	534.2	533.5	532.6	531.8	531.1	530.1
10.0	534.0	533.6	532.9	532.2	531.0	530.1	529.0	528.0	527.0	525.7
12.5	530.1	529.7	528.9	528.0	526.8	525.8	524.3	523.0	521.9	520.3
15.0	525.0	524.6	523.8	522.9	521.4	520.2	518.5	517.1	515.5	513.7
17.5	518.8	518.4	517.4	516.4	514.8	513.4	511.5	509.8	508.1	506.0
20.0	511.5	511.2	510.0	509.0	507.2	505.6	503.5	501.7	499.5	497.3
22.5	503.0	502.7	501.5	500.4	498.3	496.7	494.3	492.3	489.9	487.4
25.0	493.6	493.3	492.0	490.8	488.6	486.8	484.1	481.5	478.4	475.2
27.5	482.4	482.0	480.6	479.1	476.3	473.9	470.3	467.2	463.4	460.0
30.0	467.6	467.4	465.6	463.9	460.9	458.3	454.7	451.6	448.1	444.5
32.5	452.0	451.7	449.9	448.4	445.3	442.8	439.1	436.1	432.2	428.2
35.0	435.8	435.7	433.9	432.3	429.4	427.0	423.0	419.7	415.2	411.4
37.5	418.9	418.8	417.0	415.7	412.6	410.2	406.2	402.5	397.8	393.7
40.0	401.5	401.2	399.4	398.1	395.1	392.4	388.0	384.1	379.6	375.2
42.5	383.2	383.1	381.3	379.8	376.5	373.7	368.6	364.7	360.4	355.9
45.0	364.3	364.3	362.3	360.7	357.2	353.8	348.6	344.7	340.0	335.9
47.5	344.7	344.5	342.4	340.8	337.0	333.2	328.2	324.3	319.1	315.1
50.0	324.2	323.9	321.8	320.3	316.1	311.9	307.1	303.4	297.8	293.5
52.5	303.1	302.9	300.6	299.0	294.3	290.3	285.2	281.9	276.2	270.4
55.0	281.5	281.2	278.9	277.4	271.9	267.1	263.1	257.7	253.8	247.7
57.5	259.4	257.5	256.7	252.7	249.1	244.1	240.6	235.2	231.3	225.2
60.0	236.7	235.2	234.1	229.8	226.3	221.6	218.0	212.3	208.6	202.5
62.5	213.8	212.5	211.0	206.7	203.1	198.9	195.1	189.4	185.6	179.6
65.0	190.7	189.5	187.6	183.7	180.1	176.1	172.2	166.4	162.4	156.7
67.5	167.6	166.2	164.2	160.9	157.3	153.4	149.4	143.5	138.9	133.8
70.0	144.7	142.9	141.2	138.4	134.1	130.8	125.8	121.1	115.9	111.4
72.5	121.2	120.4	117.9	116.2	111.8	108.7	103.7	99.38	94.07	89.99
75.0	99.05	98.48	96.14	94.59	90.50	87.31	82.58	78.53	73.41	69.47
77.5	77.17	76.85	74.95	73.86	69.75	66.86	62.83	59.03	54.77	51.58
80.0	57.37	57.06	56.30	55.21	52.04	49.91	47.63	45.64	42.32	39.02
82.5	44.73	44.95	43.41	42.35	39.39	36.84	33.58	30.62	26.84	23.89
85.0	29.83	29.26	27.57	26.44	23.93	21.81	18.99	16.74	14.03	11.77
87.5	16.75	16.11	14.55	13.46	11.54	9.969	7.795	6.076	3.951	2.421
90.0	5.635	5.553	4.659	3.888	2.610	1.626	1.182	1.145	1.042	0.9461
92.5	1.116	1.093	1.039	0.9641	1.006	0.9733	0.9505	0.9458	0.9960	0.8918
95.0	1.014	0.9415	0.9641	0.9500	0.9375	0.8911	0.9328	0.8548	0.8740	0.8194
97.5	0.9103	0.8643	0.8785	0.8419	0.8602	0.7966	0.8469	0.7922	0.8060	0.8013
100.0	0.8421	0.8012	0.8376	0.7967	0.8014	0.7696	0.8058	0.7831	0.7877	0.8013
102.5	0.8013	0.7877	0.7922	0.7786	0.7650	0.7788	0.7786	0.7924	0.7876	0.8331
105.0	0.7967	0.8149	0.7966	0.8105	0.7827	0.8241	0.8056	0.8468	0.8370	0.9011
107.5	0.8370	0.8650	0.8280	0.8696	0.8416	0.8918	0.8689	0.9236	0.9321	0.9778
110.0	0.9143	0.9374	0.9053	0.9508	0.9273	0.9733	0.9461	1.005	1.000	1.051
112.5	0.9996	1.023	1.0000	1.032	1.000	1.042	1.027	1.078	1.077	1.132
115.0	1.077	1.100	1.073	1.109	1.073	1.123	1.104	1.164	1.150	1.204
117.5	1.145	1.173	1.140	1.186	1.145	1.204	1.190	1.236	1.236	1.282
120.0	1.231	1.254	1.222	1.259	1.231	1.281	1.267	1.313	1.308	1.363
122.5	1.304	1.331	1.299	1.331	1.308	1.358	1.348	1.390	1.385	1.435
125.0	1.381	1.413	1.367	1.408	1.385	1.422	1.416	1.458	1.458	1.507
127.5	1.457	1.485	1.453	1.480	1.457	1.503	1.494	1.535	1.534	1.576
130.0	1.530	1.558	1.525	1.562	1.534	1.571	1.553	1.603	1.598	1.639
132.5	1.598	1.621	1.593	1.616	1.589	1.630	1.616	1.662	1.652	1.689
135.0	1.652	1.685	1.657	1.684	1.657	1.702	1.693	1.729	1.733	1.775
137.5	1.743	1.766	1.738	1.766	1.738	1.788	1.770	1.816	1.815	1.842
140.0	1.829	1.856	1.820	1.851	1.819	1.861	1.842	1.888	1.879	1.915
142.5	1.896	1.911	1.883	1.906	1.874	1.919	1.910	1.938	1.937	1.965
145.0	1.942	1.965	1.933	1.951	1.937	1.960	1.947	1.978	1.973	2.010
147.5	1.987	2.005	1.983	2.005	1.973	2.001	1.978	2.015	2.014	2.051
150.0	2.019	2.042	2.014	2.037	2.014	2.037	2.019	2.051	2.042	2.078
152.5	2.064	2.087	2.050	2.073	2.050	2.069	2.060	2.088	2.082	2.114
155.0	2.132	2.155	2.127	2.146	2.118	2.141	2.145	2.160	2.173	2.182
157.5	2.195	2.209	2.182	2.200	2.173	2.200	2.182	2.209	2.205	2.236
160.0	2.254	2.268	2.250	2.264	2.245	2.259	2.245	2.277	2.268	2.295
162.5	2.300	2.313	2.286	2.300	2.277	2.300	2.295	2.313	2.309	2.322
165.0	2.354	2.363	2.349	2.354	2.335	2.354	2.345	2.363	2.367	2.377
167.5	2.386	2.395	2.386	2.390	2.372	2.381	2.381	2.386	2.386	2.399
170.0	2.408	2.417	2.395	2.408	2.395	2.399	2.390	2.399	2.399	2.413
172.5	2.422	2.426	2.422	2.422	2.404	2.408	2.408	2.408	2.413	2.417
175.0	2.426	2.431	2.417	2.422	2.404	2.408	2.408	2.408	2.413	2.417
177.5	2.431	2.440	2.422	2.426	2.408	2.417	2.408	2.417	2.417	2.422
180.0	2.449	2.454	2.426	2.431	2.417	2.417	2.417	2.417	2.417	2.422

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: yechihong
 Test Date: 2019-05-21

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	536.1	536.2	536.4	536.6	536.8	537.1	537.3	537.8	538.3	538.6
2.5	534.9	534.9	534.7	534.8	534.7	534.9	534.9	535.3	535.8	536.0
5.0	532.7	532.3	531.9	531.7	531.4	531.5	531.3	531.6	531.9	532.4
7.5	529.2	528.6	527.9	527.6	527.0	526.8	526.5	526.8	527.0	527.4
10.0	524.6	523.8	522.8	522.2	521.4	521.0	520.7	520.7	521.0	521.2
12.5	518.8	517.8	516.5	515.7	514.6	514.1	513.6	513.6	513.7	514.1
15.0	512.0	510.6	509.1	508.1	506.8	506.2	505.3	505.3	505.4	505.9
17.5	503.9	502.5	500.6	499.4	497.9	497.1	496.1	496.1	495.9	496.4
20.0	495.0	493.2	491.1	489.7	487.9	487.0	485.7	485.4	485.0	485.4
22.5	484.9	482.7	480.0	478.0	475.4	473.8	471.9	471.3	470.8	471.2
25.0	471.6	468.7	465.3	462.7	459.7	457.9	455.9	455.3	454.8	455.6
27.5	456.0	452.9	449.2	446.4	443.4	441.6	439.5	438.9	438.5	439.1
30.0	440.1	436.9	433.0	430.2	426.9	425.0	422.8	422.1	421.3	421.8
32.5	423.8	420.3	416.1	413.2	409.8	407.8	405.5	404.4	403.6	404.3
35.0	406.7	403.1	398.6	395.6	392.1	390.2	387.3	386.1	385.5	386.0
37.5	388.8	385.1	380.5	377.4	373.8	371.6	368.4	367.5	366.6	367.1
40.0	370.2	366.6	361.9	358.7	354.8	352.3	348.9	348.2	347.0	347.3
42.5	350.8	347.1	342.6	339.3	335.2	332.3	329.2	328.1	326.7	326.9
45.0	330.7	326.9	322.3	319.1	314.9	311.7	308.6	307.3	305.9	306.2
47.5	310.0	305.9	301.2	298.0	293.7	290.7	287.4	285.8	284.4	284.8
50.0	288.7	284.6	279.5	275.9	271.5	267.7	265.6	262.4	262.6	261.5
52.5	266.4	261.0	257.3	252.3	248.7	244.6	243.4	240.4	240.3	239.3
55.0	243.7	238.7	234.7	229.7	225.6	221.6	220.4	217.9	217.9	217.0
57.5	220.7	215.9	212.2	206.9	202.8	198.6	197.2	194.9	195.2	194.3
60.0	197.8	192.9	189.3	184.0	179.9	175.8	174.0	171.7	172.3	171.8
62.5	174.7	169.7	166.2	161.1	157.1	152.9	150.8	148.4	149.1	149.0
65.0	151.9	146.6	143.0	138.4	133.8	130.2	127.0	125.8	125.2	126.6
67.5	128.2	124.0	119.2	116.0	111.3	108.2	104.9	103.9	102.9	104.6
70.0	106.2	102.4	97.31	94.31	89.97	86.80	84.06	82.43	81.56	82.45
72.5	84.83	81.18	76.89	73.47	69.20	66.53	64.20	62.79	61.85	62.09
75.0	64.35	61.09	57.41	54.86	52.61	50.88	48.69	47.16	46.60	46.80
77.5	48.52	46.86	44.31	41.90	39.58	38.53	37.18	35.78	34.10	34.09
80.0	35.24	32.56	29.19	27.23	25.12	24.08	22.40	21.68	21.06	21.20
82.5	20.97	18.92	16.08	14.19	12.10	10.93	9.337	8.737	8.289	8.523
85.0	9.276	7.459	5.218	3.732	2.185	1.573	1.258	1.181	1.382	1.184
87.5	1.299	1.139	1.152	1.027	1.005	1.014	1.037	1.014	1.200	1.014
90.0	1.010	0.9684	1.023	0.9641	1.019	0.9591	0.9869	0.9506	1.150	0.9411
92.5	0.9466	0.8826	0.9100	0.8872	0.9282	0.8598	0.9284	0.8779	1.078	0.8780
95.0	0.8649	0.8058	0.8469	0.8103	0.8603	0.8239	0.8603	0.8284	1.028	0.8509
97.5	0.8150	0.7967	0.8104	0.8058	0.8194	0.8331	0.8240	0.8420	0.9869	0.8467
100.0	0.7967	0.8195	0.8013	0.8331	0.8194	0.8694	0.8465	0.8873	1.018	0.9055
102.5	0.8056	0.8737	0.8555	0.9054	0.8915	0.9420	0.9279	0.9646	1.095	0.9869
105.0	0.8826	0.9421	0.9322	0.9828	0.9683	1.023	1.009	1.042	1.168	1.064
107.5	0.9548	1.023	1.009	1.064	1.054	1.101	1.077	1.127	1.254	1.145
110.0	1.036	1.096	1.082	1.137	1.127	1.177	1.159	1.209	1.335	1.218
112.5	1.113	1.182	1.163	1.213	1.213	1.259	1.240	1.281	1.421	1.304
115.0	1.199	1.254	1.240	1.295	1.286	1.340	1.321	1.363	1.498	1.385
117.5	1.272	1.336	1.317	1.377	1.372	1.412	1.398	1.440	1.579	1.458
120.0	1.362	1.408	1.394	1.449	1.444	1.489	1.471	1.521	1.652	1.531
122.5	1.430	1.485	1.471	1.521	1.516	1.558	1.543	1.598	1.715	1.607
125.0	1.511	1.553	1.543	1.589	1.588	1.630	1.611	1.662	1.788	1.671
127.5	1.575	1.621	1.607	1.653	1.648	1.680	1.661	1.707	1.847	1.716
130.0	1.621	1.680	1.652	1.698	1.693	1.734	1.724	1.761	1.901	1.779
132.5	1.688	1.738	1.724	1.770	1.770	1.802	1.801	1.825	1.974	1.852
135.0	1.765	1.806	1.801	1.847	1.842	1.870	1.865	1.897	2.051	1.920
137.5	1.838	1.883	1.883	1.924	1.923	1.956	1.942	1.979	2.127	1.992
140.0	1.915	1.965	1.955	1.992	1.992	2.019	2.010	2.042	2.195	2.060
142.5	1.956	2.005	2.014	2.042	2.037	2.069	2.051	2.091	2.236	2.096
145.0	2.001	2.033	2.019	2.060	2.060	2.092	2.096	2.114	2.250	2.114
147.5	2.033	2.078	2.055	2.096	2.100	2.123	2.114	2.146	2.295	2.159
150.0	2.069	2.105	2.091	2.119	2.118	2.150	2.159	2.164	2.313	2.182
152.5	2.100	2.142	2.127	2.164	2.159	2.182	2.173	2.196	2.345	2.218
155.0	2.177	2.209	2.195	2.223	2.231	2.246	2.236	2.264	2.404	2.277
157.5	2.227	2.259	2.241	2.273	2.263	2.286	2.281	2.309	2.449	2.322
160.0	2.272	2.313	2.304	2.331	2.317	2.345	2.331	2.368	2.485	2.377
162.5	2.309	2.345	2.331	2.359	2.345	2.363	2.372	2.386	2.526	2.399
165.0	2.372	2.390	2.381	2.404	2.395	2.422	2.408	2.427	2.616	2.449
167.5	2.390	2.413	2.404	2.422	2.417	2.431	2.426	2.444	2.675	2.454
170.0	2.399	2.422	2.413	2.426	2.422	2.435	2.431	2.449	2.702	2.454
172.5	2.413	2.422	2.422	2.426	2.440	2.431	2.440	2.444	2.748	2.449
175.0	2.413	2.422	2.422	2.426	2.431	2.431	2.435	2.440	2.698	2.449
177.5	2.413	2.422	2.422	2.426	2.431	2.435	2.435	2.449	2.702	2.454
180.0	2.417	2.422	2.422	2.426	2.435	2.435	2.440	2.445	2.671	2.454

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: yechihong
 Test Date: 2019-05-21

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	539.0	539.4	539.8	540.2	540.5	540.8	538.8	538.8	538.8	538.9
2.5	536.5	537.0	537.6	538.2	538.6	539.1	537.8	537.7	537.7	537.6
5.0	532.8	533.5	534.1	534.9	535.4	536.0	535.7	535.5	535.4	535.2
7.5	527.9	528.7	529.3	530.4	531.1	531.9	532.4	532.0	531.9	531.5
10.0	521.9	522.8	523.6	524.6	525.6	526.5	527.8	527.4	527.1	526.7
12.5	514.6	515.6	516.5	517.9	518.9	519.9	522.1	521.5	521.3	520.7
15.0	506.3	507.5	508.4	509.9	511.0	512.4	515.1	514.5	514.2	513.5
17.5	497.0	498.2	499.2	500.9	502.1	503.7	507.1	506.4	506.1	505.2
20.0	485.7	487.3	488.3	490.4	491.9	493.7	498.0	497.2	496.8	495.9
22.5	471.6	473.1	474.3	476.7	478.3	480.5	487.3	485.9	485.2	483.6
25.0	456.0	457.7	459.0	461.4	463.3	465.4	472.8	471.1	470.3	468.6
27.5	439.6	441.3	442.8	445.2	447.1	449.6	457.7	456.1	455.1	453.4
30.0	422.4	424.1	425.6	428.3	430.5	432.9	441.6	440.1	439.3	437.7
32.5	404.4	406.7	408.2	411.0	413.0	415.7	424.5	422.7	422.3	420.9
35.0	386.4	388.4	390.1	392.9	395.1	397.7	407.2	405.2	404.4	402.7
37.5	367.6	369.5	371.2	374.1	376.1	378.9	389.0	387.0	386.2	383.7
40.0	347.7	350.0	351.6	354.2	356.4	359.3	370.0	368.5	367.2	364.9
42.5	327.3	329.7	331.4	333.9	336.1	339.4	350.4	348.6	347.4	345.1
45.0	306.4	308.5	310.1	313.1	315.4	318.9	330.4	328.0	327.1	324.9
47.5	284.9	286.9	288.2	291.8	294.4	298.0	309.8	307.0	306.3	304.0
50.0	263.1	263.3	266.0	268.9	272.8	276.0	288.2	285.5	284.7	282.7
52.5	241.0	240.9	243.4	246.0	250.6	252.6	264.5	263.9	263.9	260.9
55.0	218.6	218.2	220.8	223.3	227.9	230.0	242.2	241.7	239.4	238.8
57.5	195.7	195.6	198.0	200.3	205.0	206.9	219.8	219.4	217.2	216.5
60.0	172.8	172.6	175.0	177.4	182.1	183.7	197.1	196.7	194.7	193.7
62.5	149.9	150.1	152.0	154.5	159.0	160.7	174.5	174.1	172.2	170.8
65.0	126.2	127.6	128.7	131.9	135.5	138.2	152.0	151.5	149.8	148.0
67.5	103.8	105.3	106.7	109.6	112.4	115.9	129.9	128.1	127.6	124.3
70.0	82.35	83.69	85.55	87.92	90.52	93.97	107.7	105.8	105.1	101.9
72.5	62.47	64.04	65.66	68.69	70.43	73.58	86.19	84.08	83.19	80.82
75.0	47.14	48.13	49.75	52.67	53.87	55.42	65.88	64.08	63.42	61.62
77.5	34.19	35.46	37.26	39.61	41.29	42.89	49.63	48.63	47.98	46.95
80.0	20.99	21.97	22.80	24.76	26.47	28.31	36.72	34.93	33.89	32.47
82.5	8.763	9.598	10.52	12.01	13.21	14.92	22.45	21.02	20.15	18.94
85.0	1.218	1.199	1.331	2.033	2.942	4.024	10.07	8.908	8.323	7.076
87.5	1.023	1.009	1.014	1.014	1.014	1.018	1.063	0.9678	0.8768	0.8966
90.0	0.9963	0.9458	0.9687	0.9596	1.005	1.009	0.8103	0.7967	0.7650	0.7923
92.5	0.9145	0.8601	0.9099	0.8869	0.9239	0.9097	0.7921	0.7967	0.7288	0.7924
95.0	0.8788	0.8283	0.8828	0.8506	0.8966	0.8644	0.7334	0.7652	0.7198	0.7650
97.5	0.8420	0.8284	0.8329	0.8331	0.8421	0.8421	0.7334	0.7560	0.7198	0.7383
100.0	0.8645	0.8650	0.8329	0.8693	0.8465	0.8737	0.7471	0.7334	0.7382	0.7243
102.5	0.9414	0.9373	0.8917	0.9281	0.8917	0.9283	0.8013	0.7649	0.7970	0.7876
105.0	1.023	1.014	0.9732	1.001	0.9684	0.9959	0.8648	0.8326	0.8695	0.8550
107.5	1.104	1.096	1.050	1.082	1.036	1.064	0.9372	0.9140	0.9465	0.9279
110.0	1.186	1.168	1.123	1.154	1.109	1.141	1.010	1.004	1.019	1.014
112.5	1.267	1.245	1.199	1.223	1.186	1.213	1.082	1.063	1.096	1.077
115.0	1.349	1.317	1.272	1.299	1.262	1.290	1.155	1.131	1.168	1.154
117.5	1.426	1.390	1.340	1.376	1.335	1.367	1.236	1.222	1.250	1.231
120.0	1.507	1.467	1.417	1.440	1.412	1.440	1.304	1.290	1.322	1.313
122.5	1.580	1.530	1.485	1.512	1.480	1.503	1.367	1.362	1.390	1.385
125.0	1.642	1.603	1.553	1.576	1.548	1.567	1.436	1.434	1.481	1.462
127.5	1.688	1.657	1.611	1.639	1.611	1.630	1.526	1.534	1.530	1.526
130.0	1.747	1.716	1.666	1.689	1.661	1.689	1.625	1.566	1.603	1.598
132.5	1.820	1.779	1.729	1.752	1.725	1.752	1.648	1.620	1.662	1.656
135.0	1.897	1.847	1.797	1.820	1.801	1.820	1.698	1.675	1.707	1.702
137.5	1.969	1.920	1.869	1.888	1.874	1.892	1.747	1.738	1.761	1.752
140.0	2.028	1.996	1.942	1.960	1.942	1.960	1.806	1.797	1.820	1.811
142.5	2.082	2.033	1.987	2.005	1.987	2.005	1.861	1.851	1.874	1.870
145.0	2.105	2.069	2.014	2.038	2.023	2.051	1.910	1.901	1.928	1.933
147.5	2.150	2.119	2.068	2.083	2.073	2.087	1.960	1.951	1.974	1.964
150.0	2.164	2.150	2.096	2.105	2.096	2.123	2.015	1.996	2.024	2.019
152.5	2.196	2.191	2.136	2.150	2.159	2.160	2.083	2.073	2.092	2.091
155.0	2.263	2.259	2.195	2.218	2.209	2.227	2.164	2.159	2.178	2.164
157.5	2.300	2.318	2.236	2.259	2.254	2.264	2.214	2.204	2.232	2.227
160.0	2.367	2.340	2.286	2.313	2.304	2.318	2.263	2.259	2.273	2.277
162.5	2.381	2.327	2.313	2.331	2.327	2.350	2.291	2.290	2.313	2.309
165.0	2.431	2.395	2.367	2.377	2.381	2.399	2.318	2.304	2.336	2.336
167.5	2.440	2.395	2.390	2.386	2.390	2.404	2.336	2.336	2.345	2.376
170.0	2.445	2.381	2.386	2.390	2.399	2.404	2.359	2.354	2.372	2.386
172.5	2.449	2.431	2.395	2.386	2.404	2.404	2.368	2.381	2.381	2.390
175.0	2.449	2.449	2.381	2.386	2.404	2.404	2.368	2.377	2.377	2.390
177.5	2.454	2.458	2.386	2.395	2.404	2.408	2.390	2.386	2.390	2.390
180.0	2.454	2.458	2.386	2.395	2.404	2.408	2.390	2.395	2.395	2.408

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: yechihong
 Test Date: 2019-05-21

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	538.9	538.9	538.9	538.7	538.6	538.1	537.9	537.5	537.2	536.8
2.5	537.7	537.4	537.3	537.0	536.6	536.3	535.9	535.6	535.4	535.2
5.0	535.1	534.8	534.6	534.1	533.7	533.1	532.8	532.5	532.4	532.2
7.5	531.3	531.0	530.5	529.9	529.4	528.8	528.5	528.2	528.2	528.2
10.0	526.5	525.9	525.5	524.6	524.1	523.3	523.1	522.8	523.0	523.0
12.5	520.4	519.7	519.2	518.2	517.5	516.7	516.6	516.3	516.6	516.8
15.0	513.1	512.4	511.8	510.6	509.9	509.0	508.9	508.6	509.1	509.3
17.5	504.8	503.9	503.3	501.9	501.2	500.2	500.2	499.9	500.6	500.8
20.0	495.4	494.3	493.4	491.8	490.8	489.4	489.5	489.3	490.2	490.9
22.5	483.0	481.4	480.3	478.1	477.0	475.3	475.5	475.2	476.3	477.2
25.0	468.0	466.1	465.1	462.9	462.0	460.2	460.4	460.0	461.2	462.1
27.5	452.6	450.8	449.9	447.2	446.1	444.3	444.8	444.6	446.1	447.1
30.0	436.8	434.7	433.4	430.8	429.7	428.0	428.5	428.5	429.8	430.8
32.5	420.0	417.9	416.5	414.1	412.9	411.3	411.6	411.2	412.5	413.5
35.0	402.0	400.3	399.1	396.7	395.4	393.4	393.4	393.1	394.5	395.7
37.5	383.3	381.7	381.0	378.6	377.1	374.6	374.6	374.5	376.0	377.2
40.0	363.9	362.1	361.8	359.6	357.7	355.3	355.6	355.4	357.1	357.9
42.5	344.1	342.1	341.6	339.1	337.6	335.5	336.1	335.9	337.3	338.2
45.0	323.9	321.7	320.6	317.7	316.9	315.3	316.1	315.6	317.0	318.1
47.5	303.1	300.8	299.0	295.8	295.5	294.4	295.2	294.6	296.2	297.3
50.0	281.9	279.3	277.2	273.8	273.1	272.6	273.3	273.1	274.4	275.9
52.5	258.7	257.2	253.4	251.8	249.8	250.3	250.2	251.3	251.6	254.1
55.0	236.8	234.6	231.3	229.4	227.4	227.5	227.7	229.1	229.6	231.8
57.5	214.3	212.2	209.0	206.9	205.1	204.9	204.7	206.5	207.2	209.6
60.0	191.6	189.4	186.4	184.4	182.6	182.2	181.6	183.4	184.6	187.0
62.5	168.7	166.9	163.8	161.8	160.1	159.7	158.9	160.5	162.0	164.5
65.0	146.3	144.4	141.4	139.0	137.6	136.6	136.3	137.5	139.4	142.0
67.5	124.0	121.0	119.2	115.8	115.1	113.2	113.5	114.4	116.4	118.2
70.0	101.7	98.85	97.38	93.87	93.04	90.98	91.93	92.06	93.88	95.92
72.5	80.28	77.78	76.42	73.14	72.01	70.42	71.14	71.10	72.82	74.98
75.0	61.09	58.86	57.47	54.71	54.15	53.11	53.15	53.30	54.77	56.42
77.5	46.74	45.32	44.27	41.80	41.14	39.88	40.02	40.11	41.79	43.19
80.0	31.87	30.13	29.07	27.10	26.43	25.14	25.45	25.43	26.73	27.85
82.5	18.19	16.70	15.74	14.01	13.23	12.07	12.44	12.48	13.76	14.86
85.0	6.460	5.163	4.475	3.112	2.650	1.928	2.201	2.167	3.020	3.717
87.5	0.8405	0.7671	0.7741	0.7745	0.7560	0.8013	0.7830	0.7786	0.7967	0.7517
90.0	0.8053	0.7786	0.7512	0.7742	0.7422	0.7832	0.7151	0.7743	0.7152	0.7922
92.5	0.7152	0.7607	0.7062	0.7198	0.6881	0.7153	0.6745	0.7154	0.6699	0.7290
95.0	0.7107	0.7199	0.7017	0.7017	0.6881	0.7107	0.6609	0.6971	0.6473	0.6926
97.5	0.7109	0.7063	0.7108	0.6926	0.6972	0.6745	0.6838	0.6564	0.6611	0.6655
100.0	0.7472	0.7062	0.7563	0.7148	0.7516	0.7013	0.7380	0.6831	0.7202	0.6699
102.5	0.8149	0.7823	0.8196	0.7830	0.8151	0.7693	0.8013	0.7559	0.7834	0.7420
105.0	0.8873	0.8506	0.8877	0.8552	0.8834	0.8373	0.8737	0.8236	0.8512	0.8100
107.5	0.9601	0.9277	0.9645	0.9370	0.9691	0.9362	0.9418	0.8961	0.9238	0.8781
110.0	1.041	1.005	1.046	1.005	1.046	1.005	1.023	0.9733	1.005	0.9505
112.5	1.114	1.086	1.128	1.091	1.128	1.077	1.096	1.041	1.073	1.032
115.0	1.195	1.172	1.209	1.172	1.209	1.150	1.173	1.127	1.145	1.100
117.5	1.272	1.249	1.295	1.254	1.281	1.218	1.241	1.204	1.222	1.177
120.0	1.345	1.317	1.358	1.313	1.345	1.294	1.322	1.272	1.295	1.253
122.5	1.426	1.394	1.431	1.398	1.431	1.376	1.395	1.362	1.377	1.335
125.0	1.489	1.467	1.508	1.475	1.508	1.453	1.472	1.435	1.449	1.417
127.5	1.562	1.539	1.585	1.553	1.585	1.530	1.558	1.512	1.530	1.489
130.0	1.630	1.602	1.648	1.616	1.657	1.607	1.625	1.584	1.594	1.548
132.5	1.680	1.666	1.712	1.684	1.707	1.661	1.680	1.630	1.648	1.598
135.0	1.730	1.716	1.752	1.720	1.761	1.725	1.739	1.688	1.693	1.661
137.5	1.784	1.774	1.802	1.774	1.806	1.796	1.807	1.765	1.766	1.715
140.0	1.843	1.820	1.856	1.833	1.865	1.838	1.874	1.824	1.829	1.788
142.5	1.901	1.874	1.910	1.888	1.906	1.879	1.901	1.874	1.874	1.838
145.0	1.942	1.946	1.956	1.928	1.942	1.910	1.938	1.906	1.924	1.892
147.5	1.987	1.965	2.001	1.969	1.992	1.955	1.983	1.956	1.965	1.942
150.0	2.037	2.019	2.042	2.032	2.060	2.023	2.046	2.014	2.028	2.000
152.5	2.110	2.087	2.114	2.109	2.123	2.096	2.119	2.091	2.092	2.078
155.0	2.187	2.173	2.196	2.168	2.187	2.159	2.169	2.159	2.151	2.132
157.5	2.245	2.236	2.255	2.236	2.245	2.214	2.232	2.200	2.214	2.186
160.0	2.295	2.281	2.304	2.268	2.286	2.245	2.263	2.245	2.241	2.236
162.5	2.331	2.318	2.336	2.295	2.300	2.268	2.282	2.259	2.268	2.250
165.0	2.354	2.336	2.363	2.327	2.345	2.313	2.322	2.304	2.309	2.295
167.5	2.372	2.372	2.381	2.372	2.368	2.345	2.359	2.340	2.358	2.327
170.0	2.390	2.390	2.399	2.386	2.390	2.381	2.395	2.386	2.381	2.381
172.5	2.395	2.395	2.399	2.395	2.408	2.404	2.413	2.404	2.408	2.395
175.0	2.390	2.399	2.399	2.395	2.408	2.408	2.422	2.408	2.417	2.404
177.5	2.408	2.399	2.413	2.399	2.413	2.422	2.431	2.422	2.431	2.413
180.0	2.408	2.417	2.422	2.422	2.422	2.440	2.440	2.440	2.435	2.422

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: yechihong
 Test Date: 2019-05-21

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	536.5	536.4	536.3	536.3	536.5	536.1	536.1	536.2	536.4	536.6
2.5	535.1	535.0	535.2	535.4	536.0	535.8	536.1	536.5	536.8	537.3
5.0	532.4	532.7	533.0	533.4	534.2	534.3	535.0	535.6	536.2	536.9
7.5	528.6	528.9	529.6	530.1	531.3	531.7	532.7	533.5	534.4	535.2
10.0	523.7	524.1	525.1	525.9	527.4	527.9	529.2	530.3	531.4	532.5
12.5	517.6	518.2	519.4	520.5	522.2	522.9	524.6	525.9	527.3	528.5
15.0	510.3	511.2	512.7	513.8	515.9	516.9	518.8	520.4	522.0	523.4
17.5	501.9	503.1	504.8	506.2	508.6	509.8	511.9	513.6	515.6	517.2
20.0	492.6	493.8	495.8	497.4	500.1	501.5	503.9	505.8	508.1	509.9
22.5	479.4	481.4	484.5	487.0	490.4	492.2	494.8	497.1	499.5	501.4
25.0	464.4	466.2	469.7	472.5	476.8	479.3	483.1	486.0	489.1	491.3
27.5	449.4	451.2	454.3	456.8	461.0	463.6	467.5	470.8	474.7	477.5
30.0	433.1	435.2	438.7	441.3	444.3	448.0	452.1	455.3	459.3	462.2
32.5	416.4	418.5	422.1	424.9	429.0	431.8	436.2	439.7	443.7	446.7
35.0	398.7	400.9	404.5	407.8	412.2	415.1	419.8	423.1	427.3	430.2
37.5	380.0	382.4	386.5	390.0	394.8	397.9	402.4	405.6	409.9	413.0
40.0	360.9	363.6	367.9	371.5	376.9	379.8	384.0	387.5	391.9	395.4
42.5	341.2	344.1	348.6	352.3	357.5	360.5	365.2	368.8	373.5	377.2
45.0	321.2	324.0	328.8	332.5	337.3	341.0	345.9	349.8	354.6	358.3
47.5	300.4	303.1	308.2	311.7	316.6	321.1	326.0	329.8	334.7	338.6
50.0	279.2	281.9	287.0	290.2	295.6	300.5	305.6	309.3	314.2	318.1
52.5	255.9	260.4	263.6	268.6	273.6	279.1	284.5	288.3	293.4	296.9
55.0	233.9	238.6	241.5	246.7	250.6	257.3	261.4	266.9	271.8	275.3
57.5	211.8	216.5	219.1	224.5	228.6	234.9	239.5	245.1	248.6	253.4
60.0	189.5	193.8	196.5	202.1	206.4	212.5	217.3	222.8	226.3	231.1
62.5	167.3	171.1	174.1	179.6	184.1	189.8	195.0	200.3	203.8	208.7
65.0	145.1	148.4	151.8	157.2	161.8	167.4	172.4	177.7	181.1	186.0
67.5	122.4	124.8	129.4	134.1	139.7	145.0	149.9	155.1	158.7	163.5
70.0	99.67	102.3	106.9	111.2	117.2	121.6	127.2	131.7	136.2	140.5
72.5	77.87	80.46	85.12	89.70	95.05	99.31	104.2	108.5	113.4	116.6
75.0	59.18	60.88	64.92	69.03	73.85	77.60	82.69	86.77	91.18	94.50
77.5	46.05	48.14	49.17	50.99	54.74	58.08	62.98	66.48	70.07	73.24
80.0	30.48	33.03	36.49	38.09	41.41	44.15	47.72	50.10	51.93	53.84
82.5	17.01	18.89	21.92	24.27	27.09	29.56	33.01	35.97	39.16	41.21
85.0	5.324	6.708	9.015	11.07	13.94	15.98	19.07	21.67	24.79	27.04
87.5	0.7652	0.8561	0.8821	1.369	3.123	4.877	7.371	9.324	11.85	13.77
90.0	0.7423	0.7922	0.7605	0.8100	0.7922	0.7672	0.8407	0.9540	1.964	3.231
92.5	0.6700	0.7154	0.6880	0.7700	0.7151	0.7786	0.7915	0.7650	0.8013	0.8110
95.0	0.6700	0.6970	0.6745	0.7198	0.6745	0.7246	0.6971	0.7515	0.7285	0.8198
97.5	0.6700	0.6701	0.6745	0.6926	0.6745	0.7062	0.6790	0.7108	0.6881	0.7474
100.0	0.7018	0.6700	0.6972	0.6790	0.6791	0.6792	0.6790	0.7062	0.6881	0.7152
102.5	0.7653	0.7193	0.7426	0.7060	0.7243	0.6836	0.7198	0.6881	0.6973	0.6971
105.0	0.8377	0.7967	0.8152	0.7735	0.7924	0.7465	0.7652	0.7152	0.7473	0.7059
107.5	0.9101	0.8555	0.8829	0.8372	0.8556	0.8099	0.8330	0.7875	0.8062	0.7738
110.0	0.9830	0.9325	0.9557	0.9138	0.9284	0.8778	0.8967	0.8553	0.8783	0.8370
112.5	1.060	1.009	1.024	1.005	0.9963	0.9506	0.9737	0.9322	0.9510	0.9053
115.0	1.127	1.073	1.100	1.055	1.073	1.018	1.046	1.005	1.023	0.9866
117.5	1.200	1.150	1.173	1.131	1.145	1.095	1.118	1.077	1.096	1.045
120.0	1.273	1.231	1.250	1.208	1.218	1.167	1.186	1.145	1.164	1.118
122.5	1.354	1.304	1.322	1.280	1.299	1.245	1.263	1.218	1.232	1.195
125.0	1.426	1.381	1.399	1.358	1.363	1.317	1.340	1.290	1.313	1.272
127.5	1.499	1.457	1.471	1.426	1.436	1.394	1.408	1.371	1.386	1.353
130.0	1.562	1.521	1.535	1.507	1.508	1.462	1.476	1.430	1.449	1.399
132.5	1.612	1.575	1.589	1.553	1.562	1.521	1.535	1.494	1.508	1.466
135.0	1.670	1.625	1.653	1.602	1.626	1.575	1.589	1.548	1.567	1.525
137.5	1.725	1.688	1.707	1.666	1.680	1.621	1.657	1.616	1.630	1.593
140.0	1.793	1.747	1.756	1.720	1.734	1.697	1.702	1.666	1.684	1.652
142.5	1.843	1.806	1.811	1.788	1.784	1.752	1.761	1.720	1.743	1.702
145.0	1.888	1.856	1.865	1.833	1.838	1.797	1.811	1.779	1.793	1.752
147.5	1.942	1.914	1.919	1.892	1.892	1.847	1.861	1.829	1.847	1.820
150.0	2.015	1.978	1.992	1.956	1.965	1.924	1.938	1.901	1.915	1.883
152.5	2.078	2.050	2.064	2.023	2.037	1.996	2.005	1.969	1.983	1.960
155.0	2.137	2.105	2.115	2.091	2.092	2.046	2.060	2.028	2.047	2.014
157.5	2.200	2.173	2.182	2.159	2.159	2.118	2.132	2.105	2.114	2.087
160.0	2.241	2.218	2.218	2.186	2.205	2.168	2.178	2.168	2.164	2.163
162.5	2.264	2.241	2.245	2.236	2.227	2.200	2.209	2.191	2.209	2.177
165.0	2.304	2.277	2.286	2.268	2.282	2.245	2.259	2.240	2.259	2.232
167.5	2.340	2.318	2.331	2.309	2.318	2.295	2.304	2.290	2.304	2.281
170.0	2.368	2.363	2.368	2.354	2.354	2.336	2.354	2.336	2.354	2.331
172.5	2.404	2.386	2.395	2.386	2.381	2.376	2.376	2.376	2.381	2.381
175.0	2.413	2.395	2.408	2.390	2.399	2.395	2.408	2.399	2.417	2.399
177.5	2.422	2.408	2.417	2.404	2.408	2.404	2.417	2.408	2.422	2.408
180.0	2.422	2.417	2.417	2.417	2.413	2.426	2.422	2.422	2.422	2.422

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: yechihong
 Test Date: 2019-05-21

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	536.8	537.1	537.3	537.8	538.3	538.6	539.0	539.4	539.8	540.2
2.5	537.7	538.2	538.6	539.1	539.7	539.9	540.2	540.6	540.9	541.1
5.0	537.5	538.1	538.7	539.3	539.9	540.0	540.5	540.7	540.8	540.9
7.5	536.1	536.9	537.6	538.3	539.0	539.1	539.6	539.6	539.6	539.5
10.0	533.6	534.5	535.4	536.1	536.9	537.0	537.4	537.4	537.2	536.9
12.5	529.9	531.0	532.0	532.8	533.6	533.7	534.1	533.8	533.7	533.1
15.0	525.0	526.2	527.4	528.3	529.1	529.2	529.4	529.2	528.9	528.2
17.5	518.9	520.4	521.6	522.6	523.4	523.4	523.8	523.3	522.9	522.0
20.0	511.8	513.3	514.7	515.6	516.7	516.5	516.9	516.3	515.8	514.6
22.5	503.6	505.1	506.8	507.7	508.8	508.6	508.9	508.2	507.6	506.3
25.0	493.8	495.6	497.6	498.6	499.8	499.5	499.8	498.9	498.2	496.6
27.5	480.6	482.6	484.9	486.1	487.5	487.2	487.6	486.4	485.6	483.6
30.0	465.8	468.2	470.6	471.7	472.9	472.6	472.7	471.7	470.9	468.8
32.5	450.2	452.6	455.3	456.8	458.5	458.2	458.4	457.0	455.9	453.9
35.0	433.8	436.4	439.2	441.0	442.7	442.6	442.8	441.6	440.4	438.3
37.5	416.7	419.5	422.5	424.0	425.9	425.9	426.6	425.5	424.3	422.0
40.0	399.3	402.0	405.1	406.6	408.3	408.3	409.2	408.4	407.5	404.6
42.5	381.4	384.0	387.1	388.7	390.2	390.2	390.7	390.0	389.5	386.0
45.0	362.6	365.3	368.4	370.1	371.8	371.5	371.9	370.9	369.7	367.0
47.5	342.8	345.6	348.8	350.7	352.5	352.1	352.6	350.6	349.0	347.2
50.0	322.3	325.2	328.4	330.2	332.5	332.0	332.1	329.6	328.2	326.4
52.5	301.3	304.4	307.8	309.5	311.9	311.2	310.6	308.2	307.1	304.7
55.0	279.9	282.9	286.6	288.2	290.7	289.6	288.8	286.4	285.5	282.7
57.5	256.2	261.3	263.2	266.6	267.9	267.3	264.9	264.3	261.9	260.3
60.0	234.0	239.2	241.2	244.5	244.6	244.7	242.4	241.9	239.6	237.7
62.5	211.7	216.8	219.1	222.0	221.6	222.0	219.8	219.3	217.1	215.1
65.0	189.3	194.2	196.5	198.7	198.5	199.0	196.8	196.2	194.3	192.0
67.5	166.9	171.5	173.6	175.3	175.7	175.8	174.0	173.2	171.6	168.9
70.0	144.3	148.5	150.4	152.1	152.7	152.9	151.2	150.3	149.1	145.8
72.5	121.4	124.2	126.9	127.9	129.4	128.9	128.0	126.6	126.5	122.2
75.0	98.81	101.2	104.0	105.2	106.7	106.0	105.3	104.1	104.1	100.0
77.5	76.90	79.56	82.42	83.34	84.92	84.17	83.48	82.66	82.38	78.76
80.0	57.09	60.45	63.05	63.07	64.61	64.17	63.80	63.26	62.59	59.76
82.5	44.50	46.28	47.98	48.00	48.84	48.76	48.47	48.06	48.15	46.48
85.0	29.81	31.28	33.39	33.93	34.98	34.35	34.51	33.46	33.03	30.77
87.5	16.17	17.73	19.52	20.19	21.10	20.61	20.54	19.43	18.69	16.97
90.0	4.925	6.064	7.558	8.242	9.250	8.744	8.657	7.667	6.883	5.326
92.5	0.7515	0.8788	0.9039	0.9399	1.208	0.9433	0.8995	0.9419	0.8691	0.8469
95.0	0.7513	0.8375	0.8056	0.7922	1.108	0.8058	0.7695	0.8103	0.8056	0.7967
97.5	0.7017	0.7650	0.7467	0.7833	0.9418	0.7881	0.7243	0.7606	0.7285	0.7606
100.0	0.6971	0.7379	0.6926	0.7381	0.9555	0.7470	0.6881	0.7152	0.6835	0.7198
102.5	0.7017	0.7019	0.6926	0.7017	1.050	0.7107	0.6836	0.6927	0.6790	0.6746
105.0	0.7337	0.7017	0.7291	0.6971	1.087	0.6926	0.7062	0.6790	0.7064	0.6700
107.5	0.7927	0.7601	0.7924	0.7376	1.159	0.7285	0.7696	0.7240	0.7699	0.7420
110.0	0.8647	0.8191	0.8556	0.8102	1.231	0.7966	0.8333	0.7966	0.8378	0.8100
112.5	0.9329	0.8826	0.9192	0.8731	1.304	0.8691	0.9012	0.8689	0.9100	0.8869
115.0	1.005	0.9639	0.9914	0.9415	1.367	0.9368	0.9826	0.9635	0.9875	0.9595
117.5	1.068	1.032	1.059	1.018	1.440	1.018	1.050	1.027	1.064	1.037
120.0	1.150	1.100	1.128	1.086	1.512	1.086	1.123	1.091	1.141	1.113
122.5	1.218	1.181	1.205	1.168	1.580	1.163	1.200	1.168	1.200	1.190
125.0	1.300	1.254	1.282	1.240	1.589	1.240	1.272	1.245	1.281	1.267
127.5	1.367	1.322	1.358	1.317	1.589	1.313	1.345	1.317	1.350	1.335
130.0	1.431	1.385	1.412	1.376	1.634	1.376	1.408	1.380	1.426	1.403
132.5	1.485	1.453	1.472	1.435	1.734	1.430	1.463	1.444	1.489	1.471
135.0	1.544	1.512	1.530	1.503	1.802	1.498	1.530	1.507	1.544	1.539
137.5	1.607	1.571	1.589	1.557	1.861	1.557	1.585	1.571	1.603	1.593
140.0	1.679	1.634	1.657	1.621	1.883	1.620	1.657	1.625	1.670	1.648
142.5	1.716	1.684	1.702	1.675	1.869	1.675	1.711	1.679	1.716	1.711
145.0	1.770	1.738	1.761	1.734	1.770	1.738	1.757	1.743	1.784	1.774
147.5	1.834	1.802	1.825	1.797	1.820	1.797	1.820	1.806	1.843	1.829
150.0	1.906	1.874	1.893	1.870	1.893	1.865	1.897	1.851	1.892	1.888
152.5	1.974	1.942	1.969	1.942	1.956	1.951	1.969	1.906	1.942	1.942
155.0	2.024	2.014	2.024	2.010	2.020	2.001	2.024	1.955	1.987	1.992
157.5	2.101	2.086	2.096	2.078	2.096	2.082	2.101	2.023	2.056	2.055
160.0	2.151	2.150	2.150	2.146	2.150	2.150	2.164	2.087	2.119	2.114
162.5	2.196	2.177	2.196	2.182	2.196	2.182	2.205	2.149	2.164	2.164
165.0	2.250	2.232	2.241	2.236	2.250	2.240	2.255	2.209	2.232	2.236
167.5	2.295	2.281	2.295	2.286	2.309	2.304	2.318	2.263	2.291	2.290
170.0	2.345	2.331	2.350	2.336	2.363	2.349	2.359	2.309	2.331	2.336
172.5	2.381	2.381	2.386	2.372	2.395	2.386	2.404	2.340	2.359	2.372
175.0	2.413	2.404	2.426	2.413	2.426	2.422	2.435	2.363	2.372	2.381
177.5	2.422	2.417	2.431	2.426	2.440	2.431	2.445	2.377	2.381	2.386
180.0	2.422	2.426	2.435	2.440	2.445	2.458	2.449	2.381	2.381	2.395

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: yechihong
 Test Date: 2019-05-21

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:

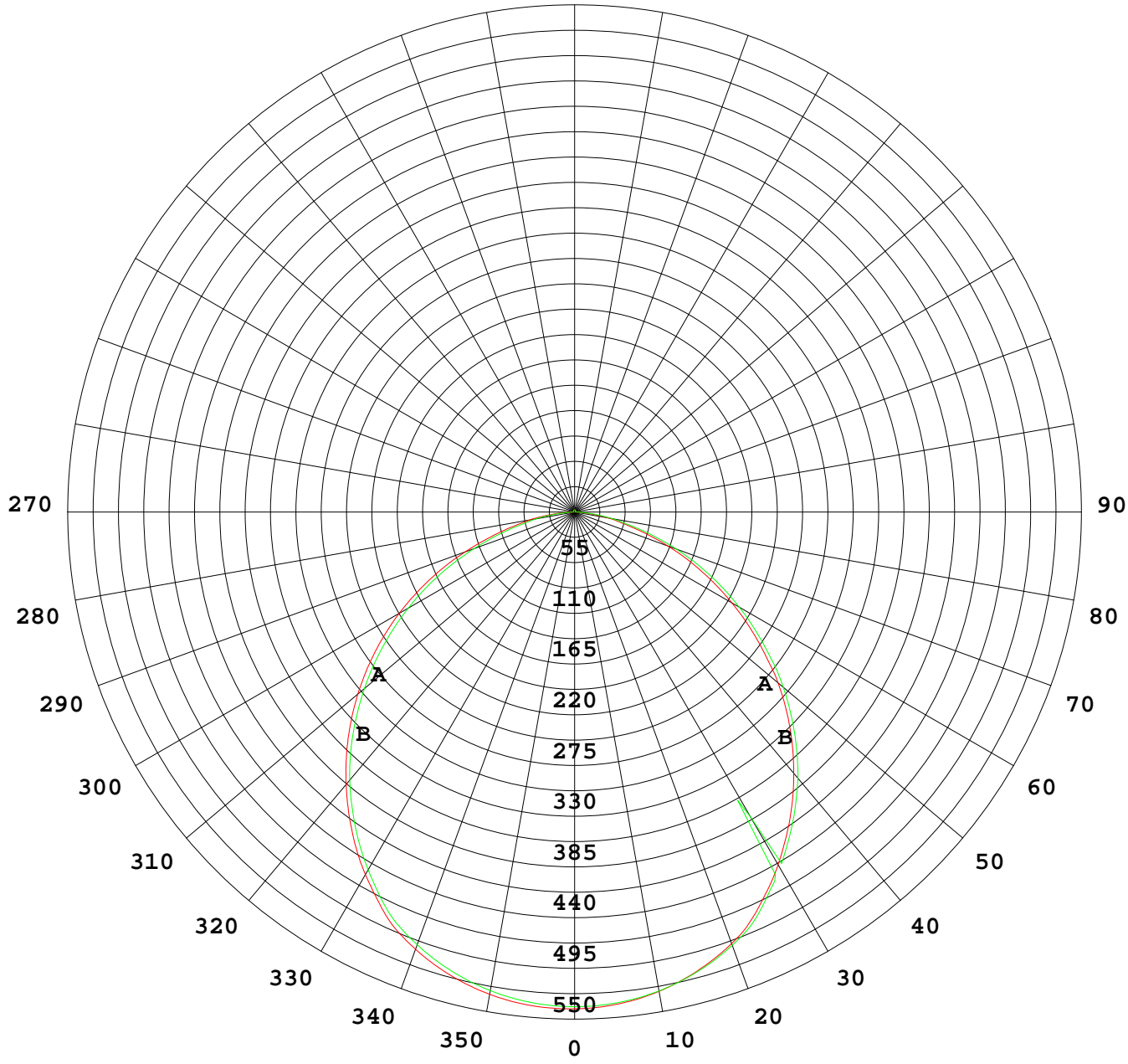
Photometric Data Table [cd]

G/C	350.0	355.0
0.0	540.5	540.8
2.5	541.3	541.4
5.0	540.9	540.8
7.5	539.4	539.2
10.0	536.6	536.2
12.5	532.7	532.1
15.0	527.6	526.7
17.5	521.2	520.2
20.0	513.8	512.6
22.5	505.2	503.8
25.0	495.5	493.8
27.5	482.3	480.2
30.0	467.5	465.5
32.5	452.5	450.6
35.0	436.6	434.5
37.5	419.9	416.9
40.0	401.9	399.0
42.5	383.7	380.7
45.0	364.9	361.5
47.5	345.4	341.6
50.0	325.0	321.4
52.5	303.8	300.4
55.0	281.9	279.1
57.5	257.7	256.8
60.0	234.9	234.2
62.5	212.3	211.1
65.0	189.3	187.6
67.5	166.4	164.4
70.0	143.6	141.4
72.5	120.6	117.9
75.0	98.30	95.47
77.5	76.97	74.28
80.0	58.29	56.56
82.5	45.11	42.94
85.0	29.26	27.36
87.5	15.74	13.87
90.0	4.336	2.996
92.5	0.7879	0.8333
95.0	0.7786	0.8060
97.5	0.7107	0.7605
100.0	0.6790	0.7198
102.5	0.6746	0.6745
105.0	0.7199	0.6834
107.5	0.7833	0.7560
110.0	0.8517	0.8284
112.5	0.9328	0.9007
115.0	1.005	1.000
117.5	1.077	1.064
120.0	1.159	1.136
122.5	1.231	1.217
125.0	1.309	1.290
127.5	1.381	1.367
130.0	1.449	1.434
132.5	1.508	1.507
135.0	1.580	1.561
137.5	1.639	1.620
140.0	1.689	1.679
142.5	1.752	1.738
145.0	1.807	1.806
147.5	1.870	1.856
150.0	1.924	1.906
152.5	1.974	1.960
155.0	2.024	2.019
157.5	2.087	2.078
160.0	2.137	2.128
162.5	2.187	2.173
165.0	2.259	2.250
167.5	2.313	2.300
170.0	2.354	2.349
172.5	2.377	2.381
175.0	2.395	2.395
177.5	2.399	2.395
180.0	2.399	2.404

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: yechihong
 Test Date: 2019-05-21

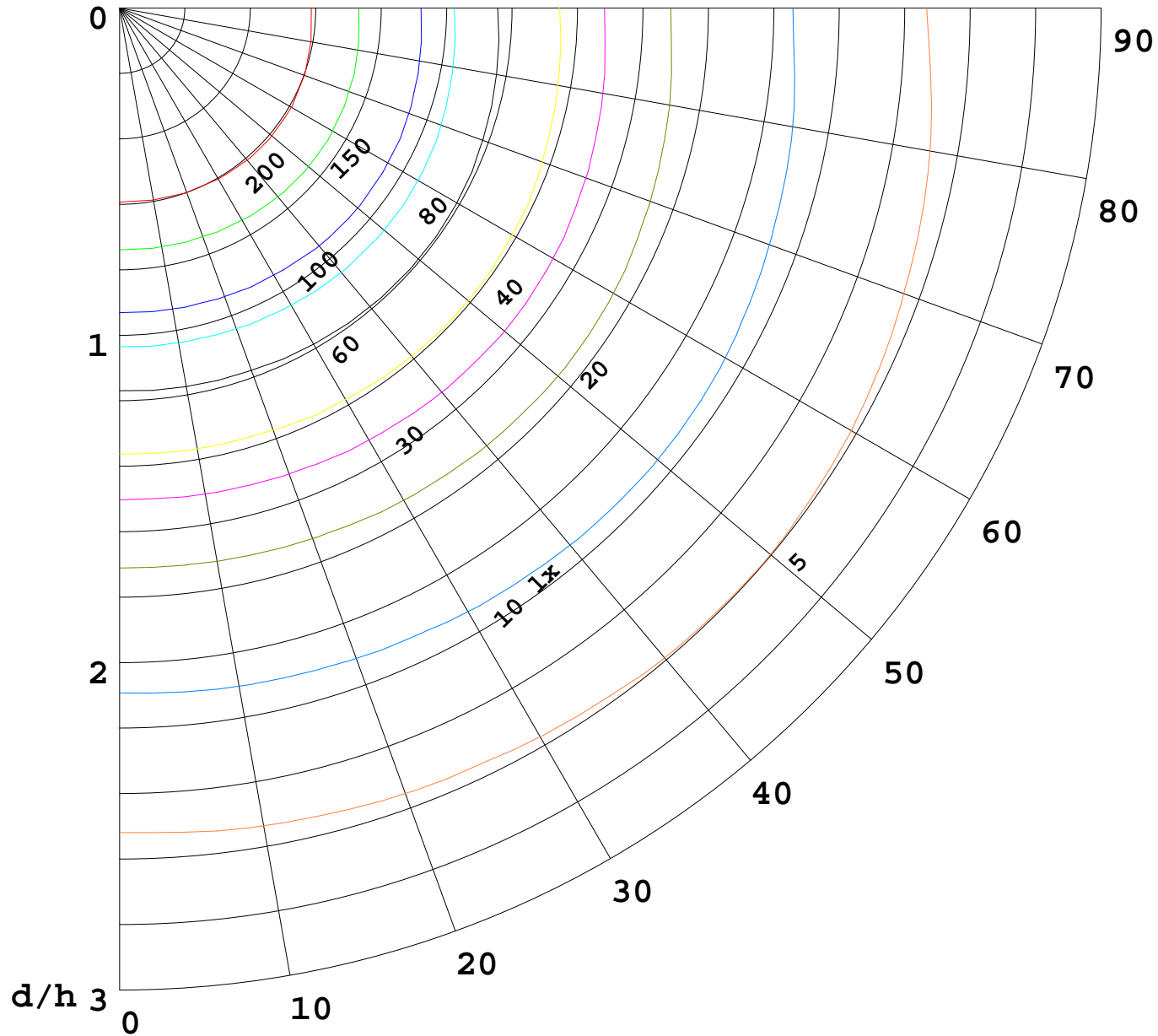
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.272
 Humidity: 70%
 Test Distance: 8.425m [K=1.0000]
 Remarks:

I(cd)



1000 lm

$K = 1$



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

