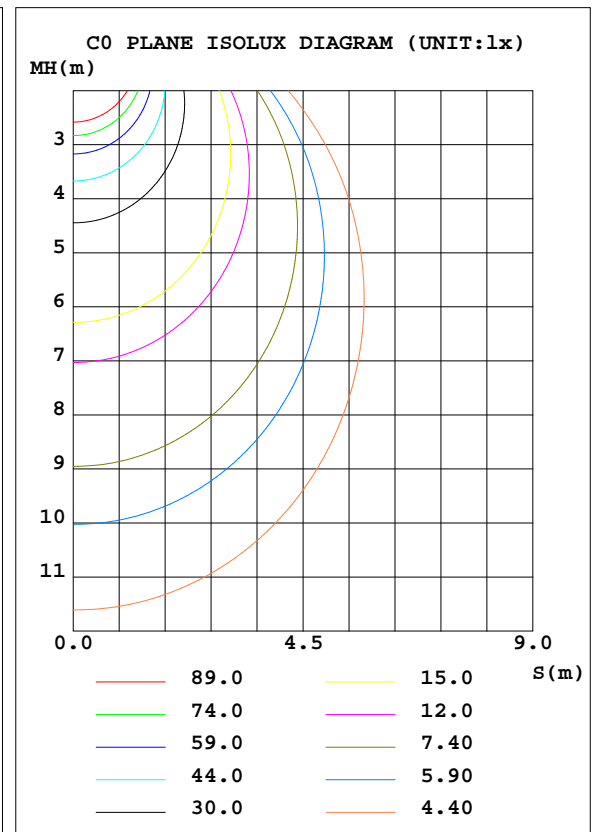
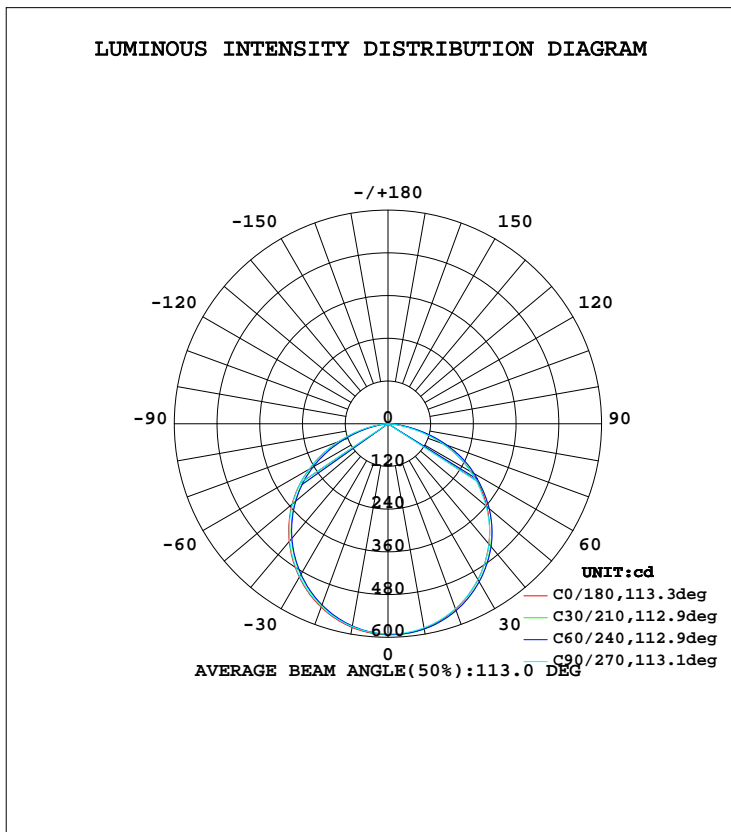


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.7V I:0.2754A P:33.05W PF:0.9940 Lamp Flux:1682.03x1 lm		
NAME: AF-00061(大)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:20180716-03
MFR.: targert	SUR.:340MM	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 50.89 lm/W			
MODEL	AF-00061(大)	I <sub>max</sub> (cd)	592.9	S/MH(C0/180)	1.27
NOMINAL POWER(W)	34	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1682.0	η UP, DN(C0-180)	0.3, 49.1
NOMINAL FLUX(lm)	1682.03	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.3, 50.4
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



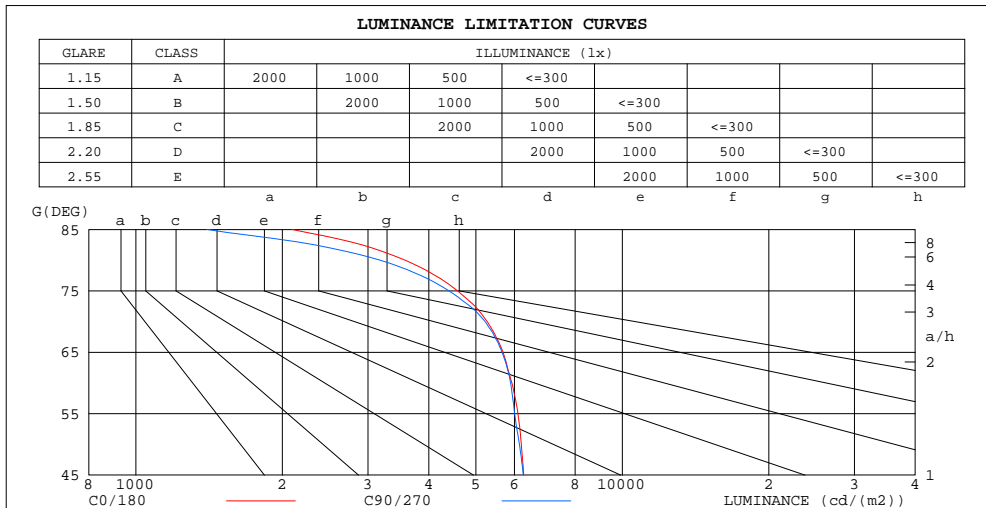
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:yechihong  
 Test Date:2018-07-16

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	591.0	591.7	588.9	582.6	589.5	586.8	587.1	589.2	0- 5	14.09	14.09	0.84,0.84
10	583.7	586.1	581.7	571.6	580.9	576.5	578.5	584.9	5- 10	41.79	55.88	3.32,3.32
15	571.4	575.2	569.7	555.7	567.2	561.3	565.0	575.3	10- 15	68.07	123.9	7.37,7.37
20	554.1	559.4	552.8	535.1	548.6	541.0	546.3	560.8	15- 20	92.04	216.0	12.8,12.8
25	532.1	538.8	531.3	510.0	525.4	516.3	523.4	541.5	20- 25	112.9	328.9	19.6,19.6
30	505.5	513.7	505.2	481.0	497.9	487.2	495.9	517.6	25- 30	130.0	458.9	27.3,27.3
35	474.9	484.4	475.2	448.2	466.5	454.6	464.6	489.7	30- 35	142.8	601.7	35.8,35.8
40	440.8	451.5	441.6	412.2	431.5	418.4	429.6	457.6	35- 40	150.9	752.6	44.7,44.7
45	403.4	414.8	402.6	372.8	393.4	379.0	391.4	422.2	40- 45	154.1	906.7	53.9,53.9
50	362.6	373.2	359.4	330.2	351.9	336.5	349.9	383.3	45- 50	152.2	1059	63,63
55	318.5	327.4	313.5	283.0	306.0	290.7	305.3	340.4	50- 55	144.9	1204	71.6,71.6
60	269.7	281.2	268.1	231.3	254.6	241.5	256.4	292.8	55- 60	132.3	1336	79.4,79.4
65	218.6	231.2	217.6	177.7	203.5	187.7	205.0	244.0	60- 65	114.9	1451	86.3,86.3
70	164.2	177.6	162.5	121.5	147.9	132.3	150.1	191.3	65- 70	92.76	1544	91.8,91.8
75	108.0	121.3	103.7	68.71	93.10	78.42	96.07	135.4	70- 75	66.90	1611	95.8,95.8
80	56.53	66.95	50.22	25.06	43.81	32.31	46.67	80.52	75- 80	40.14	1651	98.1,98.1
85	16.60	22.09	11.10	6.263	9.076	6.878	9.912	32.93	80- 85	17.02	1668	99.2,99.2
90	2.200	5.310	1.508	0.8686	0.7828	0.6971	1.165	7.379	85- 90	4.276	1672	99.4,99.4
95	0.8878	1.082	1.141	0.8285	0.5931	0.4977	0.4483	0.5759	90- 95	0.7286	1673	99.5,99.5
100	0.8556	1.005	1.105	0.9417	0.6882	0.6019	0.5570	0.5610	95-100	0.4123	1673	99.5,99.5
105	0.9867	1.096	1.226	1.118	0.8242	0.7559	0.7019	0.6743	100-105	0.4552	1674	99.5,99.5
110	1.163	1.259	1.385	1.295	0.9783	0.9459	0.8786	0.8370	105-110	0.5262	1674	99.5,99.5
115	1.349	1.412	1.534	1.485	1.159	1.145	1.073	1.005	110-115	0.5984	1675	99.6,99.6
120	1.535	1.566	1.661	1.680	1.350	1.349	1.268	1.199	115-120	0.6621	1675	99.6,99.6
125	1.702	1.707	1.806	1.842	1.540	1.548	1.467	1.390	120-125	0.7122	1676	99.7,99.7
130	1.860	1.865	1.942	2.015	1.702	1.729	1.643	1.588	125-130	0.7449	1677	99.7,99.7
135	2.032	2.024	2.109	2.196	1.865	1.996	1.793	1.724	130-135	0.7608	1678	99.7,99.7
140	2.213	2.187	2.223	2.318	2.015	2.073	1.938	1.879	135-140	0.7548	1678	99.8,99.8
145	2.322	2.273	2.313	2.413	2.150	2.150	2.074	2.028	140-145	0.7203	1679	99.8,99.8
150	2.449	2.409	2.453	2.526	2.273	2.259	2.196	2.168	145-150	0.6722	1680	99.9,99.9
155	2.567	2.553	2.566	2.640	2.427	2.413	2.354	2.336	150-155	0.6097	1680	99.9,99.9
160	2.680	2.662	2.670	2.739	2.571	2.557	2.494	2.480	155-160	0.5337	1681	99.9,99.9
165	2.820	2.807	2.802	2.847	2.684	2.671	2.612	2.607	160-165	0.4396	1681	100,100
170	2.884	2.875	2.865	2.875	2.789	2.789	2.721	2.689	165-170	0.3288	1682	100,100
175	2.924	2.920	2.906	2.902	2.875	2.870	2.829	2.802	170-175	0.2032	1682	100,100
180	2.942	2.947	2.915	2.893	2.956	2.942	2.915	2.884	175-180	0.0693	1682	100,100
DEG	LUMINOUS INTENSITY:cd MAX (Ii - Iavg)/Iavg (0-135) = 150.5 %									UNIT:lm		



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	2093	1400
80	3577	3178
75	4586	4402
70	5276	5223
65	5685	5658
60	5928	5893
55	6102	6007
50	6200	6144
45	6269	6256

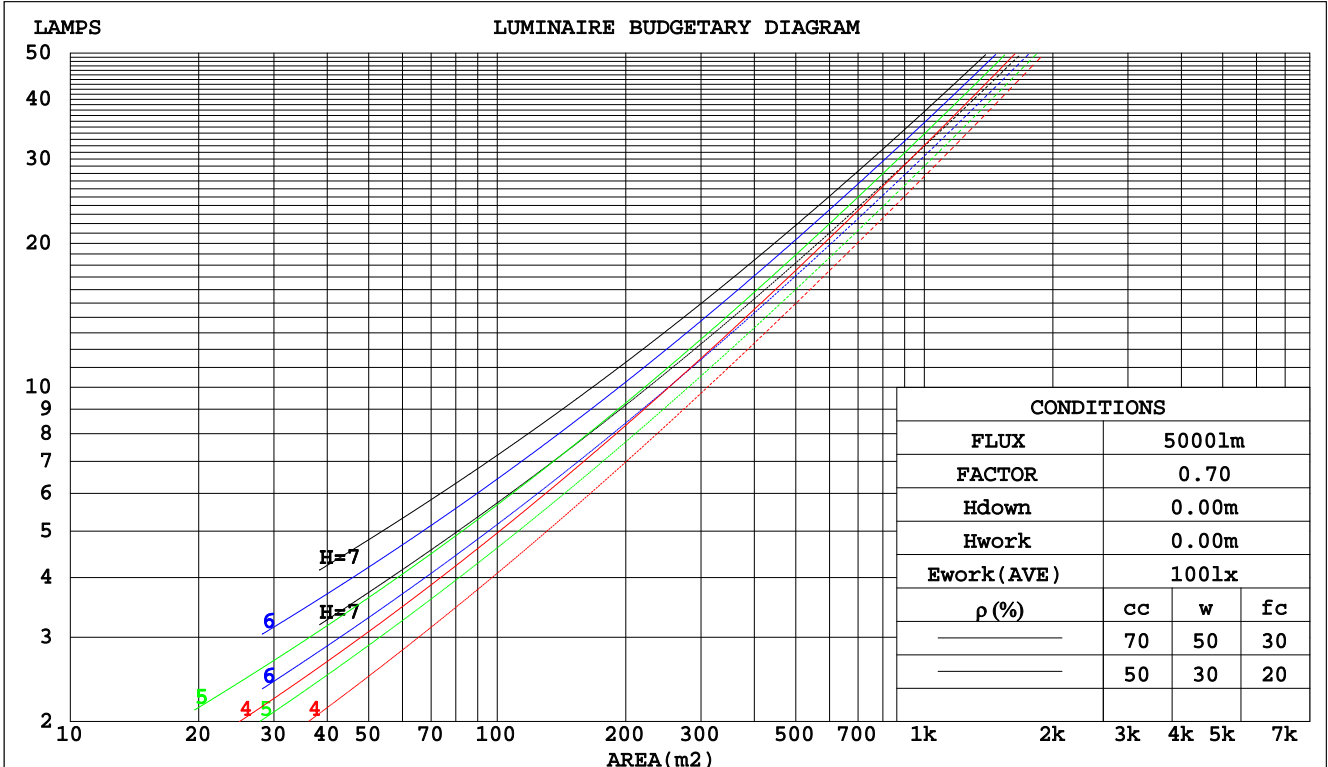
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25DEG  
Operators:yechihong  
Test Date:2018-07-16

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:0.2754A P:33.05W PF:0.9940 Lamp Flux:1682.03x1 lm		
NAME: AF-00061(大)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:20180716-03
MFR.: targert	SUR.:340MM	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																
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	1.04	1.00	.96	1.02	.98	.95	.98	.94	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.84	.78	.89	.83	.77	.85	.80	.76	.82	.78	.74	.79	.75	.72	.70
3.0	.80	.72	.65	.78	.71	.65	.75	.69	.63	.72	.67	.62	.70	.65	.61	.59
4.0	.71	.62	.55	.69	.61	.55	.67	.60	.54	.64	.58	.53	.62	.57	.52	.50
5.0	.63	.54	.47	.62	.53	.47	.60	.52	.47	.58	.51	.46	.56	.50	.45	.43
6.0	.57	.48	.41	.56	.47	.41	.54	.46	.41	.52	.45	.40	.50	.45	.40	.38
7.0	.51	.43	.36	.51	.42	.36	.49	.41	.36	.47	.41	.36	.46	.40	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.45	.37	.32	.43	.37	.32	.42	.36	.32	.30
9.0	.43	.35	.29	.42	.34	.29	.41	.34	.29	.40	.33	.29	.39	.33	.29	.27
10.0	.40	.32	.26	.39	.31	.26	.38	.31	.26	.37	.31	.26	.36	.30	.26	.24



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:yechihong  
 Test Date:2018-07-16

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:0.2754A P:33.05W PF:0.9940 Lamp Flux:1682.03x1 lm		
NAME: AF-00061(大)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:20180716-03
MFR.: targert	SUR.:340MM	PROTECTION ANGLE:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.301	.171	.054	.294	.167	.053	.280	.161	.051	.268	.154	.050	.256	.148	.048	
2.0	.286	.157	.048	.280	.154	.048	.268	.149	.046	.257	.144	.045	.247	.140	.044	
3.0	.267	.142	.042	.261	.140	.042	.250	.136	.041	.240	.132	.040	.231	.128	.040	
4.0	.247	.128	.038	.242	.127	.037	.232	.123	.037	.224	.120	.036	.216	.117	.036	
5.0	.229	.117	.034	.224	.115	.034	.216	.112	.033	.208	.110	.033	.201	.107	.032	
6.0	.212	.106	.030	.208	.105	.030	.201	.103	.030	.194	.101	.030	.187	.099	.029	
7.0	.198	.098	.028	.194	.097	.028	.188	.095	.027	.181	.093	.027	.176	.091	.027	
8.0	.185	.090	.025	.182	.090	.025	.176	.088	.025	.170	.086	.025	.165	.085	.025	
9.0	.173	.084	.023	.171	.083	.023	.165	.082	.023	.160	.080	.023	.155	.079	.023	
10.0	.163	.078	.022	.161	.078	.022	.156	.076	.021	.151	.075	.021	.147	.074	.021	

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	.158	.138	.120	.108	.095	.083	.062	.055	.048	.020	.018	.016	
2.0	.176	.137	.103	.151	.118	.089	.103	.081	.062	.060	.047	.036	.019	.015	.012	
3.0	.168	.119	.079	.144	.103	.069	.099	.071	.048	.057	.042	.028	.018	.014	.009	
4.0	.161	.106	.063	.138	.091	.055	.095	.064	.039	.055	.037	.023	.018	.012	.008	
5.0	.154	.095	.052	.132	.082	.045	.091	.058	.032	.053	.034	.019	.017	.011	.006	
6.0	.146	.087	.044	.126	.075	.038	.087	.053	.027	.050	.031	.016	.016	.010	.005	
7.0	.140	.080	.038	.120	.069	.033	.083	.049	.023	.048	.029	.014	.016	.009	.005	
8.0	.133	.074	.033	.115	.064	.029	.079	.045	.021	.046	.027	.012	.015	.009	.004	
9.0	.127	.069	.030	.110	.060	.026	.076	.042	.019	.044	.025	.011	.014	.008	.004	
10.0	.122	.065	.027	.105	.056	.024	.073	.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:2018-07-16

$\gamma$  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:

Uncorrected UGR Table

Test:U:120.7V I:0.2754A P:33.05W PF:0.9940 Lamp Flux:1682.03x1 lm										
NAME: AF-00061(大)					TYPE:			WEIGHT:		
DIM.:					SPEC.:			SERIAL No.:20180716-03		
MFR.: targert					SUR.:340MM			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	19.4	20.9	19.7	21.1	21.3	19.4	20.9	19.7	21.1	21.3
3H	20.9	22.3	21.2	22.5	22.8	20.9	22.3	21.2	22.5	22.8
4H	21.4	22.7	21.7	23.0	23.3	21.4	22.8	21.8	23.0	23.3
6H	21.7	23.0	22.0	23.2	23.5	21.7	22.9	22.0	23.2	23.5
8H	21.8	23.0	22.1	23.3	23.6	21.7	22.9	22.1	23.2	23.5
12H	21.8	22.9	22.1	23.2	23.5	21.7	22.9	22.1	23.2	23.5
4H 2H	20.0	21.4	20.4	21.6	21.9	20.1	21.4	20.4	21.6	21.9
3H	21.7	22.9	22.1	23.2	23.5	21.8	22.9	22.1	23.2	23.5
4H	22.4	23.4	22.8	23.8	24.1	22.4	23.5	22.8	23.8	24.1
6H	22.8	23.7	23.2	24.1	24.5	22.8	23.7	23.2	24.1	24.5
8H	22.9	23.8	23.3	24.1	24.5	22.9	23.7	23.3	24.1	24.5
12H	22.9	23.7	23.4	24.1	24.5	22.9	23.7	23.3	24.1	24.5
8H 4H	22.7	23.5	23.1	23.9	24.3	22.7	23.5	23.1	23.9	24.3
6H	23.2	23.9	23.6	24.3	24.8	23.2	23.9	23.6	24.3	24.8
8H	23.4	24.0	23.8	24.4	24.9	23.3	24.0	23.8	24.4	24.9
12H	23.4	24.0	23.9	24.4	24.9	23.4	23.9	23.8	24.4	24.9
12H 4H	22.7	23.4	23.1	23.8	24.3	22.7	23.5	23.1	23.9	24.3
6H	23.2	23.9	23.7	24.3	24.8	23.2	23.9	23.7	24.3	24.8
8H	23.4	24.0	23.9	24.4	24.9	23.4	23.9	23.9	24.4	24.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.4				
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 1682 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.8)

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:yechihong  
 Test Date:2018-07-16

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:0.2754A P:33.05W PF:0.9940 Lamp Flux:1682.03x1 lm		
NAME: AF-00061(大)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:20180716-03
MFR.: targert	SUR.:340MM	PROTECTION ANGLE:

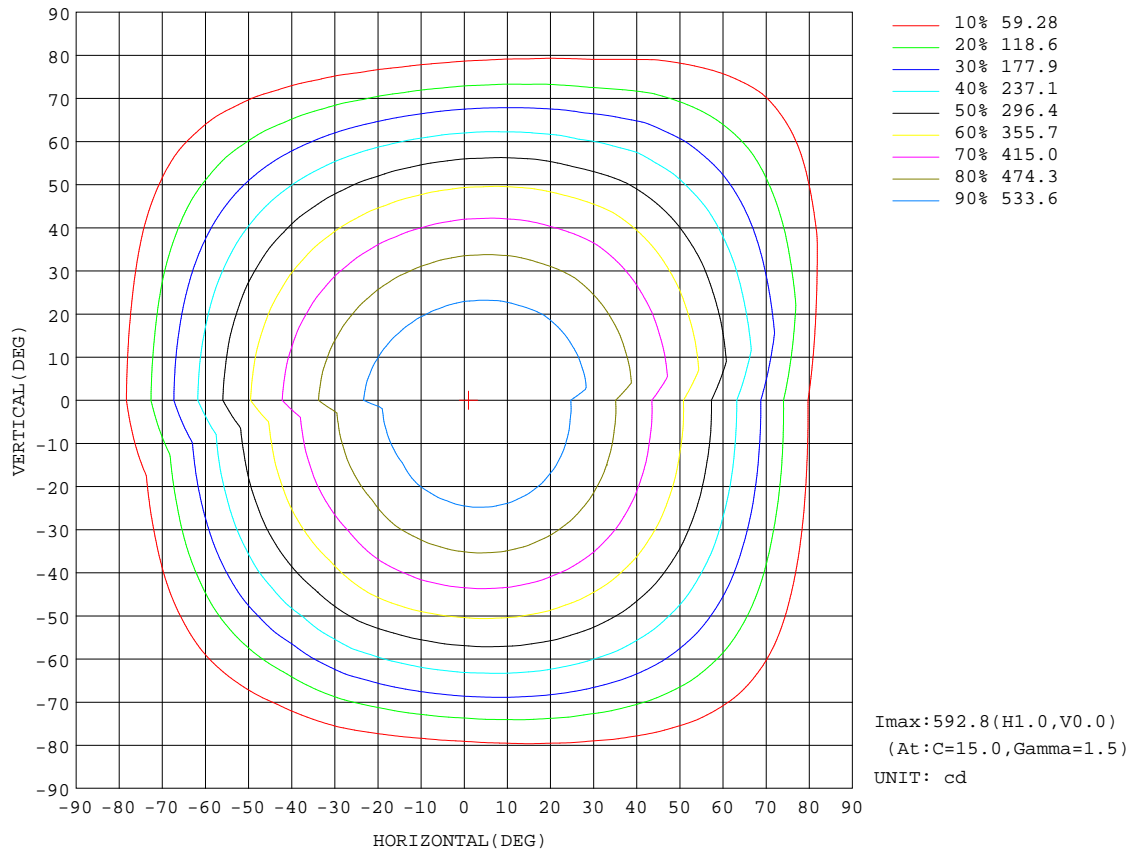
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	46	39	57	46	39	56	45	39	32
0.80	68	56	49	67	56	49	65	55	48	41
1.00	76	65	58	75	64	58	73	66	57	50
1.25	83	73	66	82	72	65	79	71	65	57
1.50	88	79	72	87	78	71	84	76	70	62
2.00	95	87	80	93	86	80	90	83	78	70
2.50	99	91	86	97	90	85	93	87	83	74
3.00	102	96	90	100	94	89	96	91	87	78
4.00	106	101	96	104	99	95	100	96	92	83
5.00	109	104	100	106	102	99	102	98	95	86
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:2018-07-16

$\gamma$  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:

ISOCANDELA DIAGRAM

Test:U:120.7V I:0.2754A P:33.05W PF:0.9940 Lamp Flux:1682.03x1 lm		
NAME: AF-00061(大)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:20180716-03
MFR.: targert	SUR.:340MM	PROTECTION ANGLE:

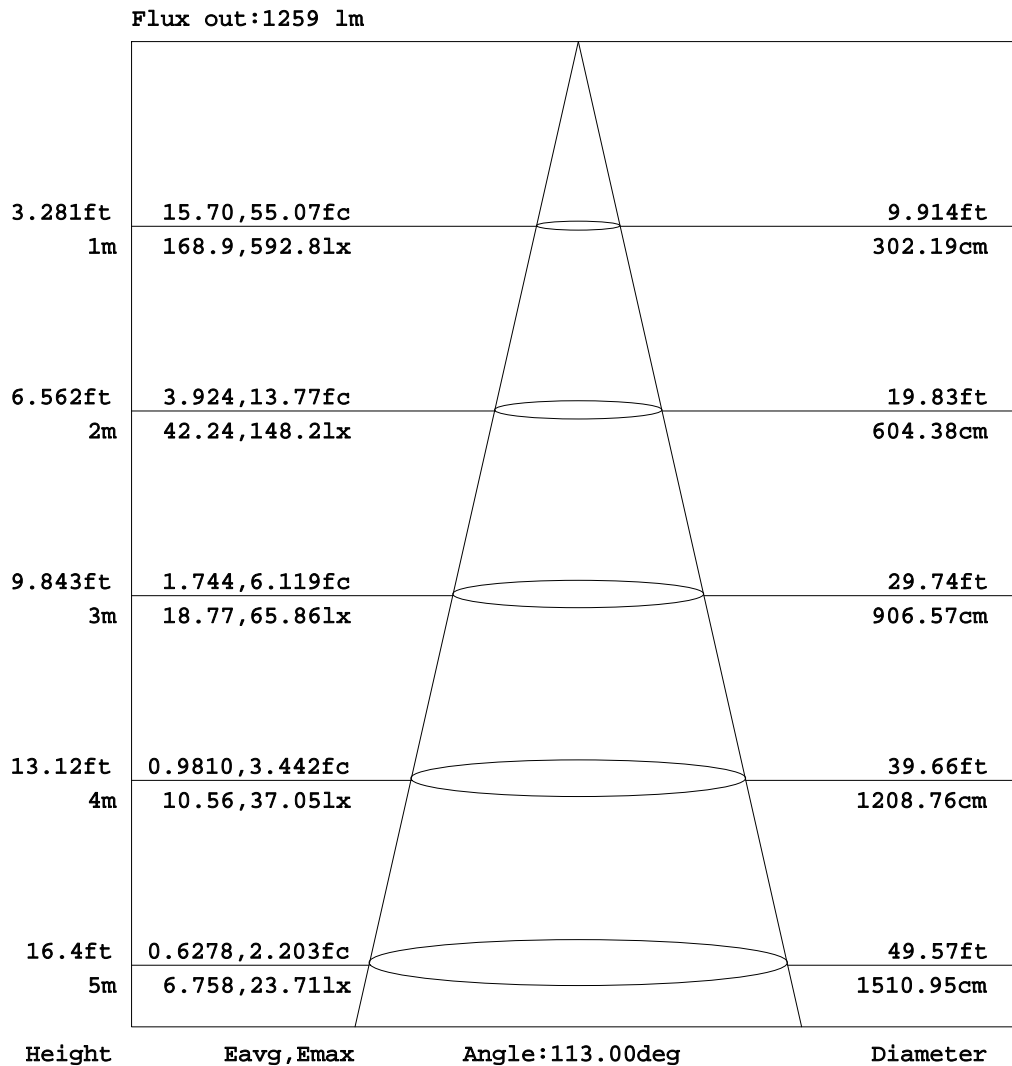


C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:yechihong  
 Test Date:2018-07-16

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:0.2754A P:33.05W PF:0.9940 Lamp Flux:1682.03x1 lm		
NAME: AF-00061(大)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:20180716-03
MFR.: targert	SUR.:340MM	PROTECTION ANGLE:



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

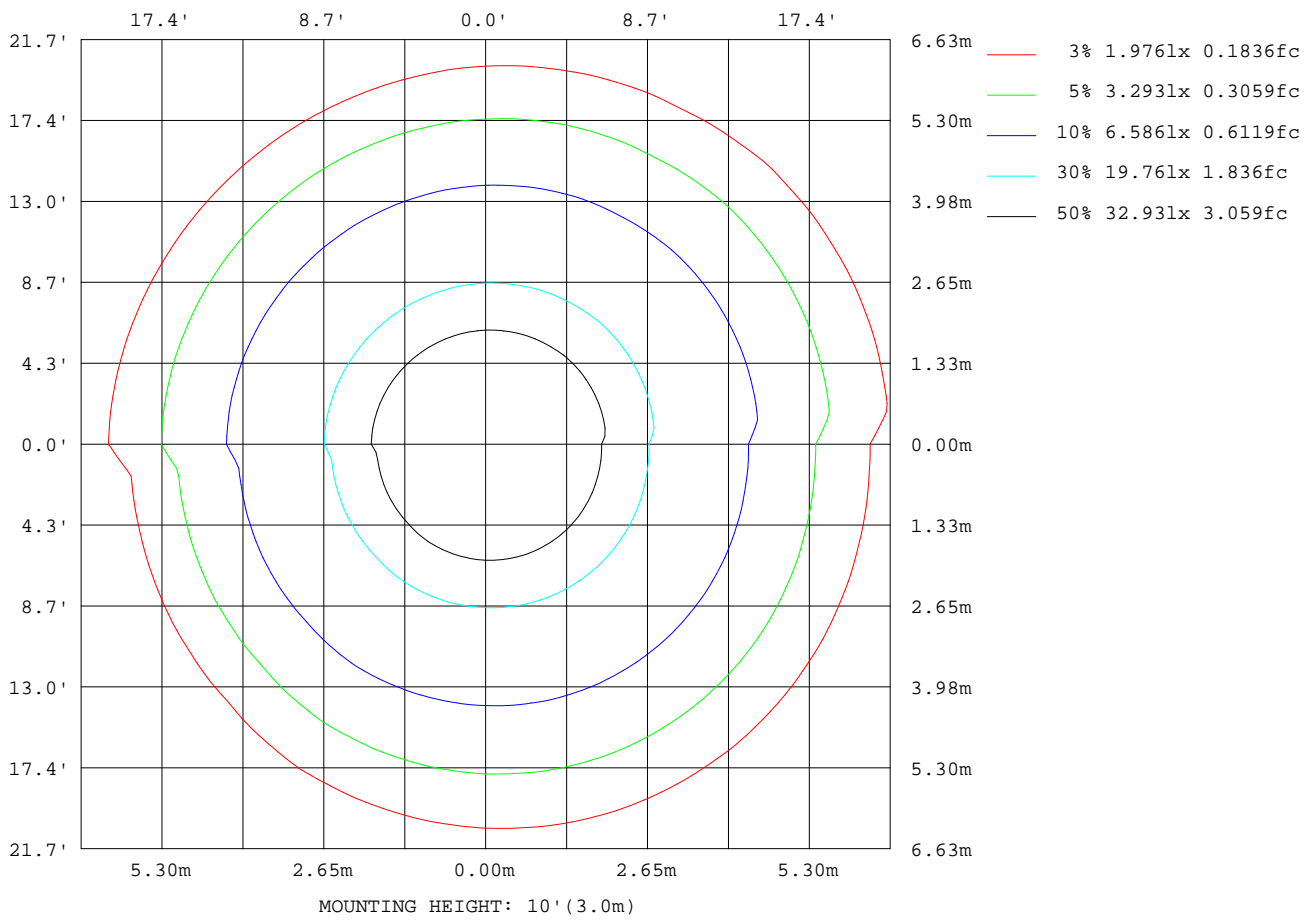
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:yechihong  
 Test Date:2018-07-16

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

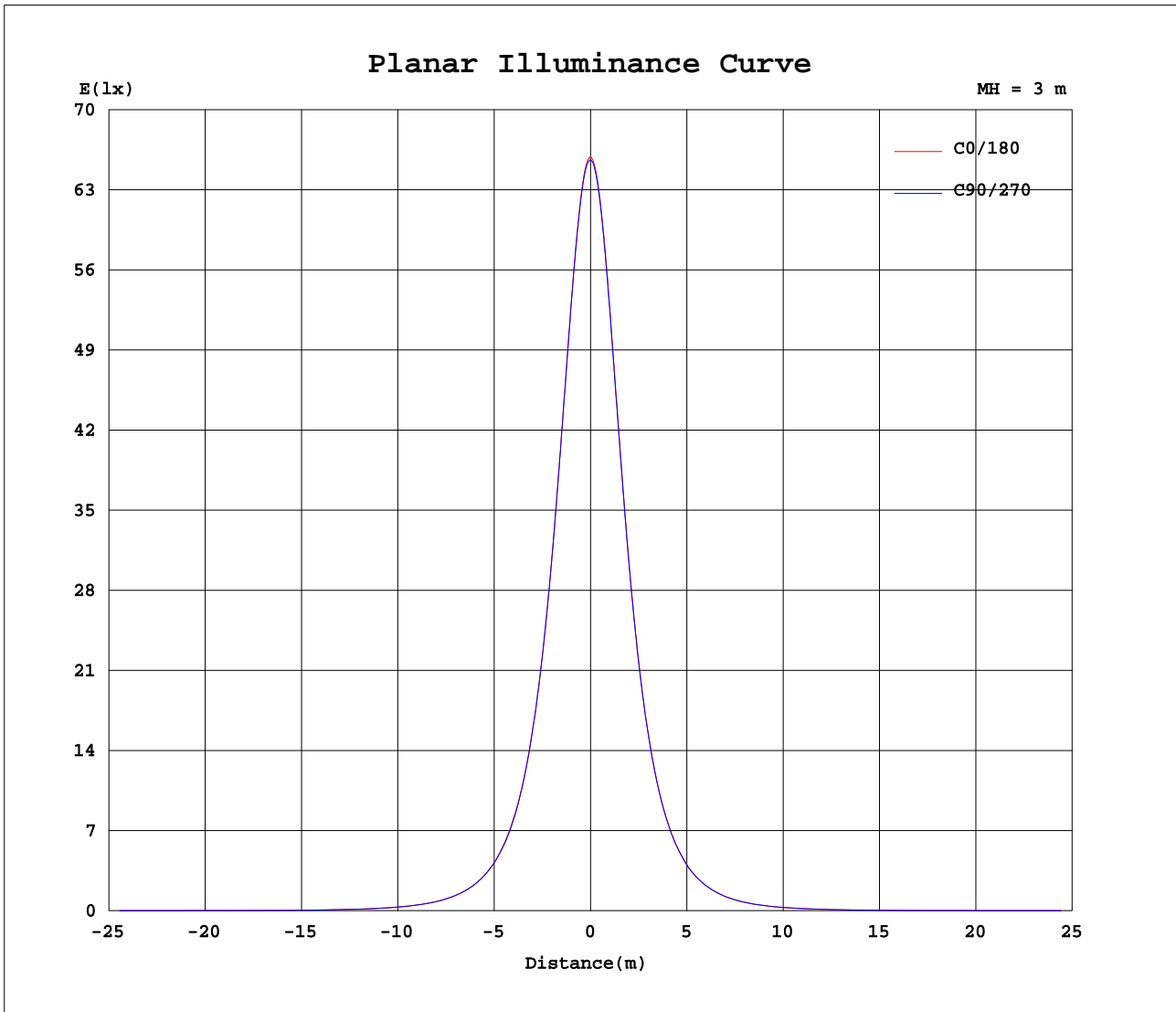
Test:U:120.7V I:0.2754A P:33.05W PF:0.9940 Lamp Flux:1682.03x1 lm		
NAME: AF-00061(大)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:20180716-03
MFR.: targert	SUR.:340MM	PROTECTION ANGLE:



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:yechihong  
 Test Date:2018-07-16

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: 2018-07-16

$\gamma$  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:120.7V I:0.2754A P:33.05W PF:0.9940 Lamp Flux:1682.03x1 lm		
NAME: AF-00061(大)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:20180716-03
MFR.: targert	SUR.:340MM	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	593	593	593	593	593	592	592	592	592	592	592	592	591	591	591	591	591	591	591
5	591	591	591	591	591	592	592	592	592	592	591	591	591	591	590	590	590	589	589
10	584	584	584	585	585	586	586	586	586	586	586	586	585	585	584	584	583	583	582
15	571	572	572	573	573	574	574	575	575	575	575	575	574	574	573	573	572	571	570
20	554	555	555	556	557	558	558	559	559	559	559	559	559	558	557	557	555	554	553
25	532	533	533	535	535	537	537	538	538	539	539	539	538	538	537	536	534	533	531
30	506	507	507	509	509	511	511	513	513	514	513	514	513	512	511	510	509	507	505
35	475	476	477	478	480	481	482	483	483	484	484	484	483	483	482	481	479	478	475
40	441	442	443	445	446	448	449	450	451	452	451	451	451	450	449	448	446	444	442
45	403	405	406	408	409	411	412	414	414	415	414	414	413	413	411	410	407	405	403
50	363	364	365	367	368	370	371	372	372	373	373	373	371	371	369	367	365	363	359
55	318	320	320	322	323	325	325	327	327	327	327	327	325	325	323	322	319	317	314
60	270	271	271	273	275	277	278	280	280	281	281	281	280	280	277	277	274	271	268
65	219	219	221	223	225	227	229	230	231	231	232	231	230	229	228	226	224	220	218
70	164	165	167	169	171	173	175	176	177	178	178	177	176	175	174	171	169	166	163
75	108	110	111	113	115	117	118	120	120	121	121	121	119	118	116	114	110	108	104
80	56.5	58.0	59.0	61.1	62.3	64.1	65.0	66.5	66.4	66.9	66.3	66.0	64.0	63.4	60.9	59.4	56.1	53.6	50.2
85	16.6	17.4	17.6	19.1	19.8	20.7	21.2	22.2	22.0	22.1	21.5	21.2	19.6	18.9	17.3	16.4	14.3	12.7	11.1
90	2.20	2.72	2.95	3.51	3.94	4.54	4.78	5.30	5.18	5.31	4.99	4.75	3.87	3.59	2.57	1.92	1.52	1.53	1.51
95	0.89	0.90	0.94	0.94	0.98	1.00	1.04	1.05	1.08	1.08	1.11	1.10	1.12	1.12	1.14	1.13	1.13	1.12	1.14
100	0.86	0.88	0.89	0.92	0.92	0.94	0.96	0.97	0.99	1.01	1.01	1.04	1.05	1.06	1.07	1.09	1.08	1.10	1.10
105	0.99	1.01	1.00	1.03	1.02	1.05	1.05	1.08	1.07	1.10	1.10	1.13	1.14	1.16	1.16	1.19	1.20	1.22	1.23
110	1.16	1.19	1.19	1.20	1.20	1.22	1.21	1.24	1.24	1.26	1.26	1.28	1.29	1.32	1.32	1.35	1.35	1.38	1.39
115	1.35	1.35	1.36	1.37	1.36	1.38	1.38	1.39	1.39	1.41	1.41	1.43	1.45	1.46	1.48	1.49	1.50	1.52	1.53
120	1.53	1.53	1.54	1.54	1.54	1.54	1.55	1.56	1.56	1.57	1.57	1.58	1.60	1.61	1.62	1.63	1.64	1.66	1.66
125	1.70	1.70	1.70	1.70	1.70	1.70	1.71	1.71	1.71	1.71	1.72	1.72	1.74	1.74	1.76	1.77	1.77	1.78	1.81
130	1.86	1.86	1.87	1.86	1.86	1.86	1.86	1.87	1.87	1.87	1.87	1.87	1.88	1.88	1.90	1.91	1.92	1.92	1.94
135	2.03	2.02	2.03	2.03	2.03	2.03	2.03	2.02	2.03	2.02	2.03	2.03	2.04	2.05	2.06	2.06	2.07	2.10	2.11
140	2.21	2.20	2.20	2.19	2.20	2.20	2.19	2.17	2.20	2.19	2.18	2.18	2.19	2.20	2.20	2.20	2.21	2.22	2.22
145	2.32	2.31	2.31	2.30	2.30	2.30	2.29	2.29	2.29	2.27	2.28	2.28	2.29	2.28	2.30	2.29	2.30	2.30	2.31
150	2.45	2.45	2.45	2.44	2.44	2.44	2.44	2.43	2.42	2.41	2.42	2.42	2.42	2.42	2.43	2.43	2.43	2.44	2.45
155	2.57	2.57	2.57	2.56	2.56	2.57	2.56	2.56	2.55	2.55	2.55	2.54	2.55	2.55	2.55	2.56	2.55	2.56	2.57
160	2.68	2.68	2.68	2.68	2.68	2.67	2.68	2.67	2.67	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.67	2.67	2.67
165	2.82	2.81	2.82	2.83	2.81	2.81	2.82	2.82	2.81	2.81	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80
170	2.88	2.88	2.88	2.89	2.87	2.88	2.87	2.87	2.87	2.87	2.86	2.86	2.87	2.87	2.86	2.86	2.85	2.86	2.87
175	2.92	2.92	2.93	2.94	2.92	2.93	2.93	2.92	2.92	2.92	2.91	2.92	2.91	2.92	2.91	2.91	2.90	2.90	2.91
180	2.94	2.94	2.94	2.95	2.95	2.96	2.95	2.96	2.95	2.95	2.94	2.94	2.94	2.94	2.93	2.92	2.92	2.92	2.92

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:yechihong  
 Test Date:2018-07-16

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:0.2754A P:33.05W PF:0.9940 Lamp Flux:1682.03x1 lm		
NAME: AF-00061(大)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:20180716-03
MFR.: targert	SUR.:340MM	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	590	590	590	590	590	590	589	589	588	589	589	589	589	589	589	589	589	593	593
5	588	587	587	586	586	586	585	584	583	582	582	582	582	582	582	582	582	589	589
10	581	580	579	578	577	576	575	573	572	571	571	570	570	569	569	569	569	581	580
15	569	567	566	564	563	562	560	558	556	555	554	553	553	552	552	551	552	567	566
20	551	549	548	546	545	543	541	538	535	534	533	532	531	530	530	529	529	549	548
25	530	527	526	523	521	520	517	513	510	509	507	506	505	504	504	503	503	525	524
30	503	501	499	496	494	492	489	485	481	480	478	476	475	474	473	472	472	498	496
35	473	470	468	465	463	460	457	453	448	447	445	443	442	440	439	438	438	466	465
40	440	436	434	431	428	426	421	417	412	410	408	406	405	403	402	401	401	432	430
45	401	398	396	393	390	387	383	378	373	371	368	366	365	363	362	360	360	393	391
50	357	355	353	350	348	346	341	336	330	328	325	323	321	319	318	316	316	352	350
55	311	308	306	303	301	299	294	289	283	281	278	276	273	271	270	268	267	306	304
60	265	262	258	255	251	249	243	238	231	230	226	225	221	220	217	217	215	255	254
65	214	211	207	204	199	197	190	185	178	176	172	170	167	165	163	161	160	204	202
70	159	155	151	148	143	141	134	128	122	119	116	113	111	108	107	105	105	148	146
75	101	97.6	95.1	91.4	88.3	85.3	80.1	74.3	68.7	66.1	63.4	61.3	59.7	57.0	55.9	54.4	54.4	93.1	90.5
80	48.2	45.4	43.5	41.3	39.6	37.7	33.4	29.1	25.1	23.3	21.3	19.9	18.8	17.2	16.4	15.3	15.5	43.8	41.7
85	10.6	10.0	9.52	9.35	9.32	9.00	8.26	7.49	6.26	5.51	4.45	3.64	3.02	2.22	2.01	1.56	1.56	9.08	8.25
90	1.48	1.40	1.34	1.24	1.15	1.07	0.97	0.93	0.87	0.88	0.83	0.85	0.82	0.85	0.81	0.85	0.83	0.78	0.78
95	1.10	1.05	1.00	0.94	0.88	0.86	0.85	0.83	0.83	0.81	0.83	0.81	0.84	0.82	0.85	0.84	0.86	0.59	0.59
100	1.11	1.05	1.03	0.96	0.94	0.90	0.93	0.91	0.94	0.92	0.95	0.94	0.97	0.96	0.97	0.98	0.99	0.69	0.65
105	1.24	1.18	1.16	1.10	1.10	1.06	1.09	1.08	1.12	1.10	1.13	1.12	1.15	1.15	1.17	1.17	1.18	0.82	0.80
110	1.39	1.35	1.34	1.29	1.27	1.24	1.27	1.27	1.29	1.29	1.31	1.32	1.34	1.34	1.34	1.36	1.35	0.98	0.97
115	1.55	1.51	1.50	1.46	1.44	1.43	1.45	1.45	1.49	1.50	1.50	1.52	1.53	1.54	1.54	1.55	1.55	1.16	1.15
120	1.68	1.66	1.66	1.62	1.62	1.61	1.63	1.63	1.68	1.68	1.70	1.73	1.72	1.72	1.72	1.74	1.72	1.35	1.36
125	1.82	1.80	1.80	1.78	1.78	1.77	1.80	1.83	1.84	1.85	1.86	1.97	1.91	1.90	1.89	1.91	1.89	1.54	1.54
130	1.97	1.96	1.94	1.95	1.94	1.95	1.97	2.01	2.01	2.01	2.01	2.19	2.22	2.07	2.06	2.08	2.06	1.70	1.70
135	2.12	2.12	2.11	2.14	2.13	2.13	2.16	2.19	2.20	2.19	2.19	2.29	2.49	2.26	2.22	2.21	2.21	1.87	1.86
140	2.25	2.26	2.26	2.29	2.29	2.29	2.29	2.30	2.32	2.32	2.31	2.34	2.43	2.44	2.32	2.33	2.32	2.01	2.02
145	2.35	2.37	2.37	2.39	2.38	2.39	2.40	2.41	2.41	2.41	2.43	2.44	2.42	2.42	2.42	2.43	2.43	2.15	2.16
150	2.47	2.49	2.49	2.51	2.50	2.51	2.52	2.52	2.53	2.53	2.53	2.51	2.53	2.53	2.53	2.54	2.53	2.27	2.28
155	2.58	2.60	2.60	2.62	2.61	2.62	2.63	2.63	2.64	2.64	2.61	2.62	2.63	2.64	2.64	2.64	2.64	2.43	2.44
160	2.69	2.70	2.70	2.72	2.72	2.72	2.73	2.73	2.74	2.71	2.71	2.72	2.73	2.73	2.73	2.73	2.73	2.57	2.58
165	2.82	2.83	2.84	2.84	2.84	2.84	2.86	2.84	2.85	2.82	2.82	2.82	2.84	2.83	2.83	2.84	2.83	2.68	2.69
170	2.89	2.90	2.91	2.91	2.91	2.90	2.91	2.90	2.87	2.87	2.87	2.87	2.88	2.88	2.88	2.89	2.88	2.79	2.78
175	2.94	2.94	2.94	2.95	2.94	2.93	2.94	2.89	2.90	2.89	2.89	2.89	2.90	2.89	2.90	2.90	2.90	2.87	2.88
180	2.95	2.96	2.95	2.96	2.94	2.94	2.91	2.90	2.89	2.89	2.88	2.88	2.89	2.88	2.92	2.92	2.91	2.96	2.95

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:yechihong  
 Test Date:2018-07-16

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:0.2754A P:33.05W PF:0.9940 Lamp Flux:1682.03x1 lm		
NAME: AF-00061(大)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:20180716-03
MFR.: targert	SUR.:340MM	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	593	593	593	592	592	592	592	592	592	592	591	591	591	591	591	591	591	590	590
5	589	589	588	588	588	587	587	587	587	587	587	586	586	586	587	587	587	587	587
10	580	579	579	578	578	577	577	577	577	576	577	576	577	577	577	578	579	579	579
15	566	565	564	563	563	562	562	561	561	561	561	561	562	562	563	564	565	565	567
20	547	546	545	544	543	542	542	541	541	541	542	541	542	543	544	545	546	547	549
25	523	522	521	519	519	517	517	516	516	516	517	517	518	519	520	521	523	524	527
30	496	494	493	491	490	489	488	487	488	487	488	488	490	490	492	494	496	497	500
35	464	462	461	458	458	456	456	455	455	455	456	456	457	458	460	462	465	466	469
40	429	426	425	423	422	420	420	418	419	419	420	420	422	423	425	427	430	431	435
45	390	388	386	384	383	381	380	379	380	379	381	381	383	384	386	388	391	393	397
50	349	346	344	341	340	338	338	337	337	337	338	338	340	342	344	347	350	352	356
55	303	300	299	296	295	293	293	291	291	291	293	293	295	296	300	302	305	308	312
60	251	250	247	246	244	243	242	242	241	242	243	244	245	248	250	254	256	260	263
65	200	198	195	193	191	189	188	188	188	189	190	191	193	195	198	202	205	209	212
70	144	142	140	137	136	134	133	132	133	133	135	135	138	140	143	147	150	154	157
75	89.8	87.1	85.7	82.7	82.1	79.8	80.0	78.4	79.5	79.3	81.2	81.3	84.1	85.7	89.2	91.8	96.1	98.6	103
80	41.1	39.1	38.1	35.6	35.1	33.5	33.7	32.3	33.0	33.1	34.7	34.6	36.9	38.2	41.2	43.2	46.7	49.0	52.5
85	8.17	7.91	7.64	7.34	7.32	7.15	7.10	6.88	7.03	7.08	7.16	7.02	7.22	7.40	7.80	8.34	9.91	11.2	13.3
90	0.78	0.75	0.74	0.73	0.72	0.72	0.71	0.70	0.70	0.69	0.70	0.69	0.69	0.58	0.79	0.95	1.16	1.18	1.07
95	0.59	0.56	0.57	0.54	0.55	0.52	0.53	0.50	0.52	0.48	0.50	0.47	0.48	0.46	0.46	0.45	0.45	0.45	0.47
100	0.68	0.65	0.67	0.63	0.65	0.63	0.65	0.60	0.62	0.59	0.61	0.57	0.59	0.56	0.58	0.53	0.56	0.53	0.56
105	0.82	0.79	0.81	0.78	0.80	0.78	0.80	0.76	0.78	0.75	0.77	0.74	0.75	0.71	0.72	0.69	0.70	0.69	0.71
110	0.99	0.98	0.99	0.97	0.98	0.96	0.98	0.95	0.96	0.94	0.95	0.92	0.94	0.90	0.91	0.87	0.88	0.86	0.88
115	1.17	1.16	1.17	1.16	1.17	1.16	1.17	1.14	1.15	1.14	1.14	1.13	1.12	1.10	1.10	1.07	1.07	1.07	1.08
120	1.37	1.36	1.36	1.36	1.37	1.36	1.36	1.35	1.35	1.34	1.34	1.33	1.32	1.31	1.30	1.28	1.27	1.28	1.28
125	1.54	1.55	1.54	1.55	1.55	1.57	1.56	1.55	1.54	1.54	1.53	1.52	1.51	1.50	1.49	1.48	1.47	1.49	1.48
130	1.69	1.68	1.68	1.70	1.71	1.74	1.73	1.73	1.71	1.71	1.69	1.69	1.68	1.67	1.65	1.64	1.64	1.67	1.66
135	1.86	1.86	1.85	1.87	1.87	1.91	1.96	2.00	1.95	1.93	1.89	1.88	1.83	1.83	1.81	1.81	1.79	1.84	1.82
140	2.01	2.03	2.01	2.01	2.01	2.02	2.04	2.07	2.06	2.03	2.00	1.99	1.97	1.97	1.96	1.95	1.94	1.99	1.97
145	2.16	2.16	2.15	2.15	2.14	2.14	2.15	2.15	2.14	2.14	2.12	2.12	2.11	2.10	2.09	2.08	2.07	2.13	2.11
150	2.28	2.30	2.28	2.28	2.26	2.26	2.25	2.26	2.25	2.25	2.25	2.24	2.23	2.23	2.21	2.21	2.20	2.26	2.25
155	2.44	2.45	2.44	2.45	2.42	2.42	2.41	2.41	2.40	2.41	2.40	2.40	2.39	2.39	2.37	2.37	2.35	2.42	2.41
160	2.58	2.58	2.58	2.59	2.56	2.57	2.56	2.56	2.55	2.54	2.54	2.54	2.54	2.53	2.52	2.50	2.49	2.55	2.55
165	2.69	2.70	2.70	2.69	2.67	2.68	2.68	2.67	2.66	2.66	2.66	2.65	2.65	2.64	2.63	2.62	2.61	2.66	2.65
170	2.79	2.79	2.79	2.80	2.79	2.79	2.80	2.79	2.78	2.78	2.77	2.77	2.76	2.76	2.75	2.72	2.72	2.75	2.74
175	2.88	2.89	2.89	2.88	2.88	2.88	2.88	2.87	2.87	2.87	2.87	2.85	2.85	2.84	2.84	2.83	2.83	2.87	2.87
180	2.95	2.95	2.95	2.96	2.96	2.96	2.96	2.94	2.95	2.94	2.94	2.93	2.93	2.92	2.92	2.92	2.92	2.96	2.95

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:yechihong  
 Test Date:2018-07-16

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:0.2754A P:33.05W PF:0.9940 Lamp Flux:1682.03x1 lm		
NAME: AF-00061(大)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:20180716-03
MFR.: targert	SUR.:340MM	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	590	590	590	590	589	589	588	589	589	589	589	589	589	589	589				
5	588	588	588	589	589	589	589	590	590	590	591	591	591	591	592				
10	580	581	582	583	583	584	585	586	586	587	587	588	588	588	589				
15	568	569	570	571	573	574	575	576	577	578	579	579	580	580	580				
20	550	552	554	555	557	559	561	562	563	564	565	566	566	567	567				
25	528	531	532	534	537	539	541	543	544	545	546	547	548	549	549				
30	502	505	507	509	512	515	518	519	521	522	523	524	525	526	526				
35	471	475	477	479	483	486	490	491	493	495	496	497	498	499	499				
40	437	441	443	446	450	454	458	459	461	463	464	466	466	467	467				
45	400	404	407	409	413	418	422	424	426	428	429	431	432	433	433				
50	359	363	366	369	374	379	383	385	387	389	391	393	393	395	394				
55	315	319	323	325	330	335	340	343	345	348	349	351	352	353	353				
60	267	271	274	277	281	287	293	296	298	301	303	305	306	308	308				
65	216	219	224	226	232	237	244	245	249	250	253	254	257	257	258				
70	161	165	169	172	179	184	191	193	197	199	202	203	205	206	207				
75	105	110	113	116	122	128	135	137	141	143	146	148	150	151	151				
80	54.6	58.6	61.1	63.9	68.7	74.6	80.5	83.2	85.9	88.4	90.4	93.2	93.8	95.6	95.5				
85	14.5	17.2	18.6	20.2	23.6	28.0	32.9	35.2	37.4	39.5	41.3	43.7	44.2	45.7	45.8				
90	1.21	2.22	2.61	3.49	5.43	6.58	7.38	7.61	7.63	7.79	8.15	8.41	8.54	9.43	9.85				
95	0.48	0.49	0.51	0.54	0.56	0.54	0.58	0.55	0.61	0.68	0.72	0.71	0.72	0.73	0.72				
100	0.55	0.58	0.56	0.61	0.57	0.60	0.56	0.58	0.56	0.57	0.54	0.57	0.55	0.56	0.55				
105	0.70	0.72	0.71	0.75	0.71	0.72	0.67	0.70	0.66	0.67	0.64	0.67	0.63	0.66	0.63				
110	0.87	0.89	0.87	0.91	0.87	0.88	0.84	0.85	0.81	0.83	0.80	0.81	0.78	0.81	0.79				
115	1.07	1.07	1.06	1.09	1.05	1.06	1.00	1.02	1.00	1.00	0.97	0.98	0.95	0.97	0.95				
120	1.28	1.27	1.25	1.27	1.25	1.24	1.20	1.20	1.18	1.18	1.15	1.15	1.15	1.15	1.14				
125	1.48	1.47	1.46	1.47	1.43	1.42	1.39	1.39	1.37	1.37	1.35	1.35	1.34	1.34	1.32				
130	1.67	1.66	1.64	1.64	1.62	1.60	1.59	1.58	1.58	1.58	1.57	1.55	1.54	1.53	1.53				
135	1.83	1.81	1.80	1.79	1.77	1.75	1.72	1.71	1.72	1.69	1.70	1.69	1.70	1.68	1.68				
140	1.99	1.97	1.96	1.95	1.93	1.90	1.88	1.87	1.86	1.84	1.85	1.83	1.83	1.82	1.84				
145	2.14	2.11	2.10	2.10	2.08	2.06	2.03	2.02	2.01	2.00	2.00	1.97	1.98	1.97	1.98				
150	2.27	2.25	2.23	2.23	2.22	2.19	2.17	2.15	2.15	2.13	2.13	2.11	2.11	2.11	2.12				
155	2.43	2.41	2.39	2.39	2.38	2.36	2.34	2.33	2.33	2.30	2.30	2.29	2.30	2.30	2.29				
160	2.55	2.54	2.53	2.53	2.52	2.51	2.48	2.48	2.47	2.45	2.46	2.45	2.45	2.45	2.45				
165	2.67	2.65	2.65	2.64	2.63	2.63	2.61	2.60	2.59	2.58	2.59	2.58	2.59	2.58	2.59				
170	2.75	2.74	2.73	2.73	2.72	2.72	2.69	2.69	2.68	2.68	2.67	2.67	2.68	2.68	2.68				
175	2.88	2.85	2.84	2.84	2.82	2.82	2.80	2.80	2.79	2.79	2.79	2.81	2.82	2.82	2.82				
180	2.96	2.96	2.94	2.94	2.91	2.90	2.88	2.89	2.88	2.87	2.87	2.88	2.91	2.91	2.92				

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:yechihong  
 Test Date:2018-07-16

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	592.7	592.7	592.7	592.6	592.5	592.4	592.4	592.2	592.1	591.8
2.5	592.5	592.5	592.6	592.7	592.7	592.6	592.6	592.6	592.5	592.4
5.0	591.0	591.0	591.2	591.4	591.5	591.6	591.7	591.7	591.7	591.7
7.5	588.0	588.2	588.4	588.8	588.9	589.2	589.4	589.5	589.5	589.4
10.0	583.7	584.1	584.3	584.8	585.0	585.5	585.6	586.0	586.0	586.1
12.5	578.2	578.7	578.9	579.5	579.9	580.4	580.7	581.1	581.1	581.3
15.0	571.4	572.0	572.3	573.0	573.4	574.1	574.5	575.0	575.1	575.2
17.5	563.4	564.0	564.3	565.2	565.7	566.6	566.9	567.5	567.7	568.0
20.0	554.1	554.7	555.2	556.1	556.8	557.8	558.2	558.9	559.1	559.4
22.5	543.6	544.5	544.8	546.0	546.7	547.7	548.2	549.2	549.3	549.7
25.0	532.1	533.0	533.3	534.5	535.4	536.5	537.2	538.1	538.2	538.8
27.5	519.2	520.3	520.7	522.1	522.9	524.2	524.8	525.9	526.0	526.7
30.0	505.5	506.6	507.0	508.5	509.4	510.9	511.5	512.7	512.9	513.7
32.5	490.6	491.8	492.3	493.9	494.9	496.5	497.2	498.4	498.6	499.5
35.0	474.9	476.2	476.8	478.5	479.5	481.1	481.8	483.2	483.5	484.4
37.5	458.3	459.6	460.2	462.0	463.1	464.9	465.7	467.1	467.5	468.3
40.0	440.8	442.2	442.8	444.7	446.0	447.7	448.7	450.1	450.5	451.5
42.5	422.5	424.0	424.6	426.5	427.8	429.8	430.8	432.3	432.6	433.7
45.0	403.4	404.9	405.7	407.7	409.0	411.0	412.1	413.5	413.7	414.8
47.5	383.4	385.1	385.8	387.9	389.2	391.2	392.0	393.5	393.7	394.5
50.0	362.6	364.3	365.0	367.1	368.2	370.1	370.9	372.3	372.3	373.2
52.5	341.1	342.7	343.0	344.9	346.0	347.8	348.5	350.0	350.0	350.8
55.0	318.5	319.8	320.0	321.7	323.0	324.7	325.5	326.8	326.8	327.4
57.5	294.5	295.9	296.1	297.8	299.0	300.8	301.4	303.0	303.1	304.0
60.0	269.7	270.8	271.1	273.0	274.6	277.9	277.9	279.7	279.9	281.2
62.5	243.9	244.5	246.5	247.6	250.4	251.3	253.9	254.5	256.2	255.9
65.0	218.6	219.4	221.5	222.7	225.4	226.7	229.0	229.6	231.1	231.2
67.5	191.6	192.7	194.7	195.9	198.8	200.4	202.5	203.2	204.7	204.9
70.0	164.2	165.2	166.9	168.6	171.3	172.7	174.9	175.9	177.3	177.6
72.5	136.3	137.5	138.9	140.6	143.2	144.7	146.6	147.9	149.2	149.4
75.0	108.0	109.7	110.5	113.1	114.6	116.9	118.0	120.1	120.4	121.3
77.5	81.26	83.15	83.87	86.16	87.86	89.92	91.00	92.68	92.75	93.50
80.0	56.53	58.02	58.99	61.10	62.27	64.08	65.04	66.48	66.44	66.95
82.5	34.64	35.80	36.49	38.24	39.12	40.53	41.34	42.65	42.41	42.76
85.0	16.60	17.37	17.64	19.05	19.80	20.73	21.16	22.22	21.97	22.09
87.5	7.736	7.820	7.855	8.124	8.411	8.586	8.703	8.981	9.231	9.194
90.0	2.200	2.716	2.947	3.510	3.943	4.544	4.780	5.297	5.182	5.310
92.5	1.028	1.063	1.093	1.143	1.197	1.272	1.287	1.325	1.331	1.365
95.0	0.8878	0.8959	0.9371	0.9412	0.9829	0.9957	1.037	1.045	1.078	1.082
97.5	0.8646	0.8647	0.8964	0.9008	0.9326	0.9371	0.9778	0.9687	1.005	1.014
100.0	0.8556	0.8828	0.8873	0.9190	0.9190	0.9417	0.9552	0.9733	0.9914	1.005
102.5	0.9095	0.9373	0.9368	0.9601	0.9593	0.9823	0.9822	1.014	1.009	1.041
105.0	0.9867	1.005	1.005	1.033	1.018	1.050	1.050	1.082	1.073	1.096
107.5	1.073	1.100	1.091	1.114	1.109	1.132	1.131	1.151	1.150	1.173
110.0	1.163	1.186	1.186	1.204	1.200	1.218	1.213	1.236	1.236	1.259
112.5	1.254	1.272	1.276	1.281	1.281	1.299	1.295	1.313	1.317	1.331
115.0	1.349	1.354	1.357	1.367	1.362	1.377	1.385	1.395	1.394	1.412
117.5	1.439	1.440	1.444	1.453	1.448	1.463	1.471	1.472	1.476	1.485
120.0	1.535	1.535	1.539	1.539	1.543	1.544	1.553	1.558	1.557	1.566
122.5	1.620	1.625	1.621	1.625	1.621	1.630	1.625	1.643	1.638	1.643
125.0	1.702	1.698	1.702	1.698	1.697	1.698	1.710	1.711	1.711	1.707
127.5	1.779	1.775	1.783	1.784	1.779	1.784	1.788	1.784	1.788	1.784
130.0	1.860	1.856	1.869	1.861	1.856	1.861	1.865	1.866	1.869	1.865
132.5	1.951	1.938	1.951	1.942	1.942	1.947	1.946	1.947	1.946	1.947
135.0	2.032	2.024	2.032	2.028	2.028	2.028	2.028	2.024	2.032	2.024
137.5	2.127	2.115	2.127	2.114	2.118	2.119	2.119	2.101	2.123	2.123
140.0	2.213	2.201	2.204	2.191	2.195	2.196	2.191	2.173	2.195	2.187
142.5	2.272	2.268	2.259	2.250	2.245	2.250	2.241	2.223	2.223	2.227
145.0	2.322	2.313	2.313	2.304	2.304	2.295	2.290	2.287	2.286	2.273
147.5	2.399	2.386	2.381	2.381	2.377	2.377	2.372	2.368	2.354	2.345
150.0	2.449	2.449	2.449	2.440	2.435	2.445	2.435	2.427	2.417	2.409
152.5	2.499	2.499	2.490	2.485	2.481	2.485	2.485	2.485	2.476	2.472
155.0	2.567	2.571	2.567	2.563	2.558	2.567	2.562	2.558	2.553	2.553
157.5	2.616	2.612	2.616	2.608	2.603	2.608	2.607	2.603	2.603	2.603
160.0	2.680	2.680	2.684	2.676	2.675	2.671	2.675	2.671	2.671	2.662
162.5	2.743	2.739	2.743	2.739	2.738	2.739	2.743	2.739	2.734	2.730
165.0	2.820	2.812	2.816	2.825	2.811	2.807	2.820	2.816	2.807	2.807
167.5	2.861	2.861	2.861	2.866	2.852	2.852	2.856	2.856	2.847	2.847
170.0	2.884	2.879	2.879	2.888	2.875	2.884	2.875	2.875	2.870	2.875
172.5	2.893	2.893	2.893	2.897	2.888	2.893	2.893	2.888	2.879	2.888
175.0	2.924	2.924	2.929	2.938	2.924	2.934	2.933	2.924	2.920	2.920
177.5	2.933	2.933	2.938	2.943	2.942	2.947	2.947	2.938	2.938	2.929
180.0	2.942	2.942	2.942	2.952	2.952	2.961	2.952	2.956	2.952	2.947

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators: yechihong  
 Test Date: 2018-07-16

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	591.7	591.5	591.5	591.2	591.1	590.8	590.8	590.7	590.5	590.1
2.5	592.3	592.1	591.9	591.6	591.5	591.2	590.9	590.7	590.3	589.8
5.0	591.4	591.3	591.0	590.8	590.4	590.1	589.7	589.3	588.9	588.1
7.5	589.3	589.2	588.8	588.6	588.1	587.6	587.1	586.7	585.9	585.1
10.0	585.8	585.8	585.4	585.1	584.5	584.0	583.2	582.6	581.7	580.8
12.5	581.1	581.1	580.6	580.3	579.7	579.0	578.1	577.5	576.4	575.3
15.0	575.2	575.0	574.5	574.2	573.4	572.8	571.8	571.0	569.7	568.6
17.5	567.8	567.8	567.1	566.9	566.0	565.4	564.1	563.3	561.9	560.6
20.0	559.3	559.4	558.6	558.3	557.4	556.6	555.4	554.4	552.8	551.5
22.5	549.5	549.6	548.8	548.6	547.6	546.8	545.3	544.3	542.7	541.0
25.0	538.7	538.8	537.8	537.7	536.6	535.8	534.2	533.0	531.3	529.6
27.5	526.6	526.7	525.7	525.6	524.4	523.6	522.0	520.7	518.7	517.0
30.0	513.5	513.5	512.6	512.5	511.2	510.4	508.6	507.3	505.2	503.4
32.5	499.4	499.4	498.5	498.4	497.0	496.2	494.3	493.0	490.7	488.9
35.0	484.1	484.4	483.4	483.3	481.9	481.0	479.0	477.6	475.2	473.3
37.5	468.2	468.4	467.3	467.3	465.9	464.9	462.9	461.4	458.9	456.9
40.0	451.3	451.4	450.5	450.5	449.0	448.0	445.8	444.2	441.6	439.6
42.5	433.5	433.7	432.6	432.5	430.6	429.5	427.2	425.5	422.6	420.7
45.0	414.4	414.4	413.1	412.9	411.0	409.8	407.2	405.5	402.6	400.5
47.5	394.1	393.9	392.6	392.2	390.3	389.1	386.4	384.5	381.5	379.4
50.0	372.6	372.5	370.9	370.7	368.6	367.2	364.5	362.6	359.4	357.3
52.5	350.2	350.1	348.4	348.0	345.8	344.5	341.5	339.6	336.3	334.2
55.0	326.9	326.7	325.0	324.7	322.8	321.6	318.7	316.8	313.5	311.3
57.5	303.6	303.7	302.4	302.3	300.2	299.3	296.4	294.5	291.1	288.7
60.0	280.8	281.0	279.6	279.5	277.4	276.6	273.6	271.1	268.1	264.8
62.5	257.1	256.0	255.8	254.4	253.7	251.1	249.4	245.8	243.6	240.0
65.0	232.3	230.9	230.4	229.2	228.2	225.7	223.7	220.1	217.6	213.9
67.5	205.7	204.5	203.9	202.7	201.4	198.8	196.7	193.4	190.4	186.6
70.0	177.9	177.0	176.4	175.3	173.7	171.2	168.9	165.7	162.5	158.8
72.5	149.6	148.8	148.1	147.1	145.2	142.8	140.3	136.8	133.1	130.0
75.0	120.7	120.6	118.7	118.3	115.6	114.0	110.4	107.8	103.7	101.2
77.5	92.89	92.55	90.55	90.11	87.44	85.83	82.35	79.73	75.94	73.57
80.0	66.33	66.02	63.99	63.44	60.91	59.41	56.15	53.60	50.22	48.20
82.5	42.14	41.79	39.92	39.17	37.04	35.77	32.86	30.56	27.69	26.13
85.0	21.46	21.24	19.61	18.92	17.27	16.39	14.27	12.66	11.10	10.62
87.5	9.152	9.351	9.307	9.116	8.908	8.902	8.473	8.067	7.442	7.007
90.0	4.992	4.755	3.875	3.594	2.573	1.924	1.518	1.534	1.508	1.479
92.5	1.327	1.316	1.292	1.293	1.283	1.267	1.255	1.240	1.227	1.186
95.0	1.109	1.095	1.123	1.118	1.137	1.127	1.132	1.123	1.141	1.104
97.5	1.037	1.032	1.059	1.059	1.082	1.073	1.087	1.091	1.100	1.082
100.0	1.014	1.037	1.046	1.064	1.073	1.086	1.082	1.100	1.105	1.114
102.5	1.036	1.073	1.068	1.096	1.104	1.132	1.127	1.155	1.159	1.173
105.0	1.104	1.128	1.136	1.164	1.163	1.187	1.199	1.218	1.226	1.236
107.5	1.181	1.205	1.213	1.227	1.240	1.263	1.272	1.300	1.304	1.317
110.0	1.258	1.282	1.294	1.317	1.322	1.349	1.349	1.376	1.385	1.394
112.5	1.340	1.358	1.371	1.390	1.403	1.417	1.430	1.449	1.453	1.476
115.0	1.412	1.431	1.448	1.463	1.484	1.490	1.503	1.517	1.534	1.548
117.5	1.494	1.512	1.530	1.535	1.557	1.558	1.575	1.585	1.593	1.608
120.0	1.571	1.580	1.598	1.607	1.616	1.630	1.639	1.657	1.661	1.680
122.5	1.638	1.662	1.665	1.675	1.684	1.693	1.711	1.720	1.729	1.752
125.0	1.725	1.725	1.742	1.743	1.756	1.766	1.774	1.784	1.806	1.816
127.5	1.797	1.798	1.811	1.815	1.828	1.838	1.847	1.852	1.869	1.888
130.0	1.869	1.870	1.883	1.884	1.901	1.906	1.919	1.924	1.942	1.965
132.5	1.946	1.951	1.964	1.960	1.974	1.983	1.992	2.001	2.019	2.056
135.0	2.028	2.033	2.041	2.051	2.064	2.060	2.073	2.096	2.109	2.123
137.5	2.123	2.110	2.136	2.141	2.150	2.137	2.159	2.173	2.177	2.196
140.0	2.182	2.178	2.191	2.200	2.204	2.200	2.209	2.218	2.223	2.250
142.5	2.227	2.232	2.236	2.236	2.241	2.241	2.245	2.259	2.259	2.300
145.0	2.281	2.282	2.286	2.282	2.295	2.291	2.295	2.304	2.313	2.350
147.5	2.354	2.350	2.363	2.359	2.363	2.368	2.376	2.377	2.390	2.431
150.0	2.417	2.417	2.417	2.417	2.426	2.431	2.431	2.445	2.453	2.472
152.5	2.467	2.467	2.476	2.472	2.476	2.481	2.481	2.485	2.494	2.512
155.0	2.553	2.545	2.549	2.553	2.553	2.558	2.553	2.562	2.566	2.585
157.5	2.598	2.599	2.598	2.598	2.594	2.594	2.598	2.603	2.603	2.621
160.0	2.661	2.658	2.661	2.657	2.662	2.662	2.666	2.667	2.670	2.685
162.5	2.729	2.730	2.729	2.726	2.725	2.730	2.729	2.730	2.734	2.744
165.0	2.798	2.798	2.797	2.802	2.802	2.802	2.802	2.798	2.802	2.825
167.5	2.843	2.838	2.838	2.843	2.838	2.838	2.838	2.834	2.847	2.879
170.0	2.861	2.861	2.865	2.866	2.861	2.861	2.852	2.856	2.865	2.893
172.5	2.875	2.875	2.875	2.879	2.870	2.870	2.865	2.870	2.875	2.906
175.0	2.911	2.915	2.911	2.915	2.906	2.906	2.897	2.902	2.906	2.943
177.5	2.929	2.920	2.920	2.920	2.915	2.911	2.906	2.906	2.915	2.952
180.0	2.942	2.942	2.942	2.938	2.933	2.924	2.915	2.915	2.915	2.947

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators: yechihong  
 Test Date: 2018-07-16

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	589.9	589.9	589.8	589.8	589.7	589.5	589.0	588.5	588.6	588.6
2.5	589.2	589.1	588.7	588.5	588.3	587.8	587.0	586.1	586.2	586.0
5.0	587.4	587.0	586.4	586.1	585.6	584.8	583.7	582.6	582.5	582.2
7.5	584.2	583.7	582.8	582.2	581.6	580.6	579.1	577.7	577.4	577.0
10.0	579.7	579.0	578.0	577.2	576.4	575.2	573.3	571.6	571.2	570.6
12.5	574.0	573.1	571.8	570.8	569.9	568.3	566.3	564.3	563.6	562.9
15.0	566.9	565.9	564.4	563.3	562.2	560.4	558.0	555.7	555.0	554.2
17.5	558.8	557.5	555.9	554.5	553.2	551.1	548.6	546.0	545.2	544.1
20.0	549.3	548.1	546.0	544.6	543.2	540.8	538.0	535.1	534.2	533.0
22.5	538.8	537.4	535.2	533.6	532.0	529.4	526.4	523.1	522.0	520.7
25.0	527.2	525.6	523.2	521.4	519.6	516.8	513.5	510.0	508.9	507.4
27.5	514.5	512.8	510.1	508.2	506.3	503.3	499.7	496.0	494.7	493.1
30.0	500.7	498.9	496.0	494.0	491.9	488.7	484.9	481.0	479.6	477.9
32.5	486.0	484.0	481.0	478.9	476.6	473.2	469.2	465.0	463.5	461.7
35.0	470.3	468.3	465.1	462.7	460.3	456.8	452.5	448.2	446.5	444.7
37.5	453.8	451.6	448.2	445.8	443.4	439.6	435.1	430.7	428.9	426.8
40.0	436.4	434.1	430.5	428.0	425.5	421.5	416.8	412.2	410.3	408.1
42.5	417.9	415.8	412.1	409.4	406.8	402.6	397.7	393.0	391.0	388.7
45.0	397.8	396.1	392.8	390.0	387.3	382.9	377.8	372.8	370.6	368.3
47.5	376.7	375.0	372.1	369.7	366.9	362.4	357.1	351.8	349.6	347.2
50.0	354.6	353.0	350.2	348.1	345.7	341.0	335.5	330.2	327.8	325.3
52.5	331.3	329.8	327.1	325.1	323.0	318.3	312.9	307.3	304.9	302.4
55.0	307.9	305.8	302.9	300.9	298.9	294.2	288.6	283.0	280.5	278.1
57.5	284.9	282.5	278.7	276.5	273.9	268.1	263.4	256.2	252.9	251.1
60.0	261.7	257.7	255.1	250.8	249.3	243.0	238.5	231.3	229.9	225.9
62.5	237.1	233.0	230.2	226.0	224.1	217.5	212.5	205.1	203.3	199.3
65.0	210.9	206.9	203.8	199.4	197.3	190.4	184.9	177.7	175.8	171.7
67.5	183.3	179.7	176.0	171.4	169.1	162.5	156.8	149.4	147.5	143.9
70.0	155.1	151.3	147.6	143.1	140.6	134.4	128.2	121.5	118.9	116.0
72.5	126.1	123.0	118.5	115.2	112.1	106.6	100.6	94.38	91.81	88.99
75.0	97.60	95.15	91.36	88.28	85.29	80.06	74.28	68.71	66.14	63.38
77.5	70.44	68.22	65.43	62.94	60.22	55.28	50.12	45.14	42.93	40.41
80.0	45.41	43.54	41.31	39.56	37.67	33.43	29.13	25.06	23.27	21.27
82.5	23.93	22.40	20.87	19.73	18.46	15.31	12.57	10.42	9.748	9.168
85.0	10.05	9.525	9.351	9.322	9.003	8.264	7.489	6.263	5.506	4.453
87.5	5.958	5.124	4.066	3.266	2.552	1.324	1.167	1.163	1.163	1.138
90.0	1.399	1.338	1.238	1.149	1.072	0.9729	0.9329	0.8686	0.8784	0.8328
92.5	1.128	1.054	0.9964	0.9097	0.8920	0.8510	0.8466	0.8194	0.8195	0.8103
95.0	1.050	1.000	0.9416	0.8827	0.8556	0.8466	0.8284	0.8285	0.8148	0.8285
97.5	1.037	0.9960	0.9280	0.8921	0.8510	0.8693	0.8419	0.8692	0.8552	0.8829
100.0	1.046	1.032	0.9552	0.9419	0.9005	0.9326	0.9095	0.9417	0.9233	0.9507
102.5	1.109	1.096	1.027	1.010	0.9774	1.001	0.9952	1.023	1.014	1.033
105.0	1.181	1.164	1.105	1.096	1.059	1.091	1.081	1.118	1.104	1.132
107.5	1.263	1.250	1.200	1.186	1.154	1.182	1.172	1.204	1.208	1.223
110.0	1.349	1.336	1.285	1.268	1.245	1.268	1.267	1.295	1.290	1.309
112.5	1.430	1.417	1.371	1.354	1.335	1.354	1.358	1.381	1.399	1.409
115.0	1.512	1.499	1.462	1.444	1.426	1.449	1.448	1.485	1.502	1.503
117.5	1.584	1.571	1.548	1.531	1.525	1.544	1.548	1.585	1.597	1.612
120.0	1.657	1.657	1.625	1.616	1.611	1.630	1.634	1.680	1.679	1.703
122.5	1.729	1.725	1.707	1.689	1.693	1.707	1.738	1.757	1.765	1.784
125.0	1.802	1.798	1.783	1.779	1.774	1.797	1.828	1.842	1.847	1.861
127.5	1.883	1.870	1.865	1.861	1.860	1.888	1.915	1.924	1.932	1.934
130.0	1.960	1.942	1.951	1.938	1.951	1.970	2.005	2.015	2.014	2.015
132.5	2.037	2.028	2.037	2.033	2.051	2.069	2.100	2.110	2.109	2.106
135.0	2.123	2.115	2.136	2.133	2.132	2.160	2.191	2.196	2.191	2.187
137.5	2.195	2.196	2.218	2.223	2.222	2.232	2.250	2.264	2.259	2.255
140.0	2.259	2.259	2.286	2.286	2.286	2.291	2.304	2.318	2.322	2.314
142.5	2.313	2.323	2.336	2.336	2.336	2.350	2.349	2.368	2.372	2.372
145.0	2.372	2.373	2.390	2.381	2.385	2.399	2.408	2.413	2.413	2.426
147.5	2.440	2.445	2.454	2.458	2.453	2.472	2.476	2.490	2.490	2.485
150.0	2.489	2.494	2.508	2.504	2.507	2.517	2.517	2.526	2.530	2.531
152.5	2.526	2.535	2.544	2.540	2.544	2.558	2.562	2.567	2.576	2.571
155.0	2.598	2.603	2.616	2.612	2.616	2.630	2.634	2.640	2.644	2.608
157.5	2.648	2.653	2.666	2.657	2.666	2.676	2.680	2.689	2.684	2.653
160.0	2.702	2.703	2.720	2.716	2.720	2.730	2.730	2.739	2.711	2.707
162.5	2.752	2.762	2.766	2.771	2.766	2.780	2.775	2.784	2.748	2.757
165.0	2.829	2.843	2.843	2.843	2.843	2.857	2.843	2.847	2.816	2.825
167.5	2.888	2.893	2.888	2.897	2.888	2.902	2.888	2.870	2.856	2.866
170.0	2.897	2.906	2.906	2.906	2.902	2.911	2.897	2.875	2.870	2.870
172.5	2.920	2.920	2.924	2.924	2.915	2.920	2.884	2.888	2.870	2.875
175.0	2.942	2.943	2.947	2.938	2.933	2.938	2.893	2.902	2.888	2.888
177.5	2.956	2.956	2.956	2.952	2.947	2.920	2.911	2.906	2.902	2.893
180.0	2.956	2.947	2.956	2.942	2.942	2.906	2.902	2.893	2.888	2.879

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators: yechihong  
 Test Date: 2018-07-16

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	588.7	588.7	588.9	589.1	589.1	589.3	592.7	592.7	592.7	592.6
2.5	585.9	585.9	585.8	586.0	585.9	586.2	591.9	591.6	591.5	591.3
5.0	582.0	581.9	581.6	581.7	581.5	581.7	589.5	589.1	589.0	588.6
7.5	576.6	576.4	576.1	576.1	575.9	576.1	585.9	585.4	585.1	584.6
10.0	570.1	569.8	569.3	569.3	569.0	569.1	580.9	580.4	580.1	579.4
12.5	562.3	562.0	561.3	561.3	560.8	561.0	574.8	574.0	573.7	572.7
15.0	553.4	553.0	552.0	552.0	551.4	551.6	567.2	566.4	566.1	565.0
17.5	543.3	542.7	541.7	541.5	541.0	541.1	558.6	557.6	557.2	556.0
20.0	532.0	531.3	530.2	529.9	529.2	529.3	548.6	547.7	547.1	545.7
22.5	519.7	518.8	517.7	517.3	516.5	516.6	537.6	536.5	536.5	534.4
25.0	506.3	505.4	504.0	503.6	502.7	502.8	525.4	524.1	523.4	521.9
27.5	491.8	490.9	489.4	488.9	487.9	488.0	512.1	510.9	510.0	508.4
30.0	476.5	475.4	473.8	473.3	472.2	472.2	497.9	496.4	495.6	493.8
32.5	460.2	459.0	457.3	456.7	455.6	455.5	482.6	481.1	480.2	478.3
35.0	443.1	441.9	440.0	439.4	438.1	438.2	466.5	464.9	463.8	461.8
37.5	425.3	423.9	421.9	421.3	420.0	420.0	449.4	447.7	446.6	444.5
40.0	406.4	405.1	402.9	402.2	400.9	400.9	431.5	429.6	428.6	426.3
42.5	386.8	385.3	383.2	382.5	381.0	381.0	412.8	410.9	409.8	407.4
45.0	366.4	364.8	362.5	361.8	360.2	360.3	393.4	391.3	390.2	387.7
47.5	345.2	343.5	341.2	340.4	338.8	338.8	373.0	370.9	369.7	367.1
50.0	323.3	321.5	319.0	318.1	316.5	316.5	351.9	349.6	348.6	345.8
52.5	300.2	298.4	295.8	294.9	293.0	293.0	329.6	327.4	326.4	323.5
55.0	275.6	273.4	271.0	269.6	267.9	266.9	306.0	303.8	302.8	300.2
57.5	250.2	246.9	245.4	243.0	242.3	240.9	281.5	279.0	278.3	275.5
60.0	224.6	221.3	219.6	217.5	216.6	215.3	254.6	253.5	251.1	249.6
62.5	197.6	194.6	192.5	190.4	189.4	188.4	229.9	228.6	226.2	224.4
65.0	170.0	166.9	164.8	162.8	161.5	160.4	203.5	202.1	199.6	197.5
67.5	141.8	138.9	136.7	134.9	133.2	132.5	176.0	174.4	172.3	170.0
70.0	113.5	111.5	108.5	107.3	105.3	105.2	147.9	146.2	144.5	142.1
72.5	86.57	84.86	81.89	80.75	78.95	78.89	120.1	117.6	116.7	113.8
75.0	61.33	59.68	57.03	55.93	54.37	54.42	93.10	90.50	89.82	87.05
77.5	38.54	37.16	34.88	33.90	32.51	32.63	67.37	65.18	64.24	61.76
80.0	19.88	18.85	17.21	16.36	15.35	15.50	43.81	41.68	41.09	39.08
82.5	8.974	8.918	8.528	8.236	8.074	8.143	23.29	21.53	21.14	19.73
85.0	3.639	3.019	2.222	2.007	1.561	1.560	9.076	8.253	8.168	7.907
87.5	1.141	1.073	0.9754	0.9583	0.9700	0.9453	5.466	4.936	4.736	3.966
90.0	0.8514	0.8192	0.8468	0.8150	0.8516	0.8284	0.7828	0.7784	0.7775	0.7514
92.5	0.8195	0.8149	0.8194	0.8239	0.8285	0.8329	0.5840	0.5978	0.5749	0.5618
95.0	0.8148	0.8375	0.8192	0.8465	0.8417	0.8557	0.5931	0.5885	0.5932	0.5568
97.5	0.8644	0.8919	0.8823	0.9054	0.8961	0.9236	0.6295	0.5975	0.6339	0.5884
100.0	0.9414	0.9734	0.9639	0.9738	0.9819	0.9917	0.6882	0.6519	0.6796	0.6472
102.5	1.032	1.056	1.059	1.069	1.072	1.087	0.7517	0.7285	0.7471	0.7194
105.0	1.123	1.155	1.149	1.168	1.168	1.182	0.8242	0.8009	0.8240	0.7919
107.5	1.222	1.241	1.245	1.259	1.262	1.268	0.9009	0.8869	0.9056	0.8822
110.0	1.322	1.336	1.340	1.345	1.358	1.354	0.9783	0.9682	0.9874	0.9776
112.5	1.417	1.431	1.435	1.440	1.453	1.449	1.078	1.068	1.078	1.073
115.0	1.516	1.535	1.543	1.540	1.552	1.549	1.159	1.154	1.168	1.159
117.5	1.620	1.630	1.634	1.644	1.651	1.639	1.246	1.263	1.264	1.258
120.0	1.729	1.720	1.725	1.725	1.743	1.721	1.350	1.357	1.368	1.362
122.5	1.846	1.816	1.810	1.811	1.829	1.815	1.449	1.444	1.449	1.444
125.0	1.968	1.911	1.896	1.888	1.906	1.892	1.540	1.544	1.539	1.547
127.5	2.091	2.033	1.987	1.974	1.987	1.974	1.630	1.625	1.621	1.620
130.0	2.190	2.223	2.069	2.060	2.078	2.065	1.702	1.702	1.689	1.684
132.5	2.254	2.404	2.159	2.155	2.159	2.132	1.779	1.779	1.770	1.783
135.0	2.286	2.494	2.263	2.223	2.209	2.205	1.865	1.865	1.856	1.860
137.5	2.309	2.472	2.358	2.268	2.263	2.268	1.951	1.951	1.938	1.946
140.0	2.340	2.431	2.440	2.318	2.327	2.322	2.015	2.023	2.015	2.028
142.5	2.385	2.422	2.372	2.372	2.377	2.368	2.078	2.100	2.092	2.096
145.0	2.435	2.417	2.422	2.422	2.431	2.426	2.150	2.159	2.159	2.164
147.5	2.503	2.485	2.485	2.490	2.499	2.485	2.209	2.218	2.209	2.227
150.0	2.512	2.526	2.526	2.531	2.539	2.531	2.273	2.277	2.282	2.295
152.5	2.553	2.558	2.567	2.571	2.576	2.567	2.350	2.358	2.359	2.367
155.0	2.621	2.635	2.639	2.644	2.639	2.639	2.427	2.440	2.436	2.449
157.5	2.662	2.671	2.671	2.680	2.684	2.675	2.504	2.517	2.517	2.521
160.0	2.716	2.730	2.729	2.730	2.734	2.725	2.571	2.576	2.580	2.580
162.5	2.761	2.766	2.775	2.771	2.775	2.771	2.617	2.634	2.635	2.639
165.0	2.824	2.838	2.834	2.834	2.843	2.829	2.684	2.689	2.689	2.698
167.5	2.866	2.879	2.875	2.879	2.884	2.875	2.730	2.734	2.743	2.748
170.0	2.875	2.884	2.879	2.884	2.888	2.879	2.789	2.784	2.793	2.793
172.5	2.879	2.884	2.888	2.884	2.893	2.884	2.834	2.834	2.838	2.843
175.0	2.888	2.897	2.893	2.897	2.902	2.897	2.875	2.883	2.884	2.888
177.5	2.893	2.902	2.897	2.902	2.902	2.924	2.906	2.911	2.920	2.915
180.0	2.879	2.888	2.879	2.915	2.915	2.906	2.956	2.947	2.947	2.952

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators: yechihong  
 Test Date: 2018-07-16

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	592.5	592.4	592.4	592.2	592.1	591.8	591.7	591.5	591.5	591.2
2.5	591.1	590.8	590.6	590.5	590.3	590.0	589.9	589.7	589.7	589.4
5.0	588.4	587.9	587.6	587.4	587.2	586.8	586.7	586.5	586.6	586.3
7.5	584.3	583.7	583.5	582.9	582.9	582.3	582.3	582.1	582.3	582.0
10.0	578.9	578.2	577.8	577.3	577.2	576.5	576.5	576.3	576.6	576.2
12.5	572.3	571.4	571.1	570.2	570.2	569.6	569.5	569.2	569.6	569.4
15.0	564.4	563.4	562.9	562.1	561.9	561.3	561.3	560.9	561.5	561.2
17.5	555.3	554.2	553.6	552.7	552.4	551.7	551.8	551.5	552.1	551.9
20.0	545.0	543.6	543.0	542.0	541.8	541.0	541.2	540.9	541.6	541.3
22.5	533.6	532.1	531.5	530.4	530.2	529.2	529.4	529.1	529.8	529.6
25.0	521.0	519.4	518.7	517.4	517.2	516.3	516.4	516.2	517.0	516.9
27.5	507.3	505.6	505.0	503.5	503.3	502.3	502.5	502.3	503.1	502.9
30.0	492.7	490.8	490.1	488.6	488.5	487.2	487.6	487.4	488.2	488.1
32.5	477.1	475.2	474.3	472.8	472.5	471.5	471.7	471.5	472.5	472.4
35.0	460.6	458.5	457.6	456.1	455.7	454.6	454.9	454.8	455.9	455.6
37.5	443.2	441.1	440.2	438.5	438.1	436.8	437.2	437.1	438.2	438.1
40.0	425.0	422.7	421.9	419.9	419.8	418.4	418.8	418.6	419.7	419.7
42.5	406.0	403.6	402.7	400.8	400.5	399.1	399.5	399.3	400.6	400.5
45.0	386.2	383.7	382.8	380.8	380.5	379.0	379.5	379.1	380.6	380.6
47.5	365.5	363.0	362.0	359.9	359.6	358.2	358.6	358.4	359.8	359.7
50.0	344.3	341.5	340.5	338.2	338.0	336.5	337.0	336.6	338.1	338.1
52.5	322.0	319.2	318.2	315.9	315.7	314.0	314.6	314.2	315.8	315.7
55.0	298.8	296.1	295.1	292.8	292.6	290.7	291.5	291.2	292.8	292.7
57.5	273.7	271.5	270.4	268.6	267.6	266.9	266.6	267.2	268.1	268.9
60.0	247.1	245.6	243.7	242.8	241.6	241.5	241.1	242.2	242.9	244.2
62.5	221.6	219.7	217.6	216.5	215.3	214.9	214.8	215.7	216.6	218.0
65.0	194.9	193.0	190.7	189.5	188.4	187.7	187.6	188.6	189.5	190.7
67.5	167.5	165.2	163.5	161.8	161.0	160.2	160.1	160.8	162.1	163.2
70.0	139.7	137.3	135.8	133.9	133.4	132.3	132.6	133.0	134.5	135.4
72.5	112.3	109.1	108.5	106.3	106.2	104.5	105.5	105.5	107.4	107.5
75.0	85.67	82.69	82.11	79.81	80.03	78.42	79.46	79.30	81.24	81.32
77.5	60.60	57.82	57.19	55.30	55.49	53.96	54.85	54.78	56.68	56.68
80.0	38.14	35.62	35.12	33.54	33.67	32.31	33.01	33.09	34.71	34.63
82.5	19.08	17.08	16.84	15.69	15.80	14.65	15.24	15.29	16.50	16.31
85.0	7.636	7.341	7.321	7.155	7.101	6.878	7.031	7.076	7.156	7.025
87.5	3.633	2.769	2.657	2.113	2.178	1.824	2.033	1.960	2.425	2.369
90.0	0.7439	0.7288	0.7198	0.7196	0.7083	0.6971	0.7004	0.6881	0.7016	0.6905
92.5	0.5477	0.5388	0.5296	0.5161	0.5072	0.4935	0.4844	0.4799	0.4663	0.4756
95.0	0.5704	0.5387	0.5479	0.5161	0.5345	0.4977	0.5206	0.4797	0.4980	0.4663
97.5	0.6157	0.5658	0.5933	0.5609	0.5843	0.5340	0.5705	0.5248	0.5524	0.5111
100.0	0.6746	0.6292	0.6524	0.6336	0.6478	0.6019	0.6249	0.5927	0.6113	0.5701
102.5	0.7380	0.7061	0.7291	0.7014	0.7198	0.6833	0.7065	0.6650	0.6926	0.6517
105.0	0.8149	0.7829	0.8014	0.7786	0.7971	0.7559	0.7832	0.7514	0.7655	0.7377
107.5	0.9014	0.8735	0.8919	0.8730	0.8873	0.8555	0.8737	0.8462	0.8559	0.8329
110.0	0.9918	0.9680	0.9823	0.9637	0.9825	0.9459	0.9598	0.9368	0.9465	0.9189
112.5	1.082	1.064	1.073	1.059	1.073	1.055	1.060	1.036	1.050	1.018
115.0	1.173	1.158	1.168	1.158	1.168	1.145	1.154	1.136	1.141	1.127
117.5	1.272	1.258	1.263	1.254	1.263	1.245	1.254	1.240	1.241	1.222
120.0	1.363	1.358	1.367	1.362	1.363	1.349	1.354	1.340	1.340	1.326
122.5	1.453	1.467	1.463	1.462	1.463	1.453	1.449	1.444	1.444	1.430
125.0	1.544	1.552	1.553	1.566	1.557	1.548	1.544	1.543	1.535	1.525
127.5	1.625	1.620	1.639	1.643	1.648	1.629	1.630	1.625	1.621	1.612
130.0	1.684	1.697	1.711	1.738	1.734	1.729	1.712	1.711	1.693	1.688
132.5	1.770	1.783	1.798	1.837	1.847	1.860	1.816	1.815	1.797	1.788
135.0	1.852	1.869	1.874	1.914	1.960	1.996	1.947	1.928	1.892	1.878
137.5	1.929	1.928	1.947	1.974	2.014	2.055	2.019	1.992	1.951	1.933
140.0	2.010	2.005	2.005	2.019	2.042	2.073	2.060	2.028	1.997	1.987
142.5	2.083	2.082	2.060	2.082	2.087	2.091	2.087	2.082	2.060	2.046
145.0	2.155	2.155	2.137	2.141	2.150	2.150	2.141	2.137	2.123	2.118
147.5	2.214	2.222	2.182	2.200	2.200	2.200	2.196	2.186	2.178	2.173
150.0	2.282	2.281	2.259	2.259	2.255	2.259	2.255	2.250	2.246	2.241
152.5	2.363	2.367	2.340	2.340	2.336	2.336	2.332	2.327	2.323	2.322
155.0	2.440	2.449	2.418	2.417	2.413	2.413	2.404	2.408	2.399	2.399
157.5	2.517	2.521	2.490	2.498	2.494	2.489	2.477	2.485	2.481	2.472
160.0	2.585	2.589	2.562	2.567	2.558	2.557	2.549	2.544	2.535	2.540
162.5	2.644	2.639	2.617	2.621	2.621	2.616	2.603	2.603	2.599	2.598
165.0	2.703	2.693	2.671	2.675	2.680	2.671	2.662	2.657	2.657	2.653
167.5	2.748	2.743	2.748	2.725	2.721	2.720	2.707	2.707	2.703	2.698
170.0	2.793	2.798	2.793	2.793	2.798	2.789	2.784	2.779	2.771	2.770
172.5	2.847	2.843	2.838	2.838	2.843	2.834	2.829	2.825	2.820	2.811
175.0	2.888	2.883	2.879	2.879	2.879	2.870	2.870	2.865	2.866	2.852
177.5	2.929	2.911	2.911	2.906	2.911	2.893	2.902	2.893	2.897	2.884
180.0	2.952	2.956	2.956	2.961	2.956	2.942	2.947	2.942	2.938	2.929

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators: yechihong  
 Test Date: 2018-07-16

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	591.1	590.8	590.8	590.7	590.5	590.1	589.9	589.9	589.8	589.8
2.5	589.4	589.3	589.4	589.4	589.5	589.2	589.2	589.4	589.5	589.7
5.0	586.4	586.5	586.7	586.9	587.1	587.0	587.2	587.6	588.0	588.3
7.5	582.3	582.4	582.6	583.0	583.5	583.4	583.9	584.5	585.2	585.6
10.0	576.8	576.9	577.4	577.9	578.5	578.7	579.4	580.0	581.1	581.8
12.5	570.0	570.2	570.8	571.5	572.3	572.6	573.6	574.5	575.6	576.5
15.0	561.9	562.1	563.2	563.8	565.0	565.3	566.5	567.6	569.0	570.2
17.5	552.7	553.0	554.1	555.0	556.3	556.8	558.3	559.4	561.1	562.4
20.0	542.2	542.7	544.0	545.0	546.3	547.1	548.8	550.1	552.1	553.5
22.5	530.7	531.3	532.7	533.8	535.5	536.4	538.2	539.7	542.0	543.6
25.0	518.1	518.7	520.2	521.4	523.4	524.4	526.5	528.2	530.6	532.3
27.5	504.3	505.0	506.8	508.1	510.2	511.3	513.6	515.5	518.1	520.0
30.0	489.7	490.4	492.4	493.7	495.9	497.3	499.7	501.8	504.5	506.6
32.5	473.9	474.8	476.8	478.3	480.7	482.2	484.9	487.0	490.0	492.2
35.0	457.3	458.2	460.4	462.0	464.6	466.1	469.1	471.4	474.6	476.9
37.5	439.9	440.8	443.1	444.8	447.5	449.2	452.3	454.7	458.0	460.6
40.0	421.5	422.5	425.0	426.8	429.6	431.4	434.6	437.2	440.8	443.4
42.5	402.4	403.5	406.1	408.0	410.9	412.7	416.2	418.9	422.6	425.4
45.0	382.5	383.7	386.4	388.4	391.4	393.4	397.0	399.7	403.7	406.5
47.5	361.8	363.0	365.8	367.9	371.0	373.1	376.9	379.7	383.8	386.8
50.0	340.4	341.6	344.4	346.6	349.9	351.9	356.0	358.9	363.2	366.2
52.5	318.1	319.3	322.4	324.6	328.0	330.2	334.2	337.3	341.7	344.9
55.0	295.2	296.4	299.6	301.8	305.3	307.7	311.8	315.0	319.5	322.5
57.5	271.0	272.7	276.3	278.3	282.1	284.4	288.7	291.8	296.2	298.8
60.0	245.5	248.2	250.2	254.0	256.4	260.1	262.7	267.3	271.2	273.8
62.5	219.8	222.7	225.1	228.8	231.7	235.4	238.1	242.0	245.0	249.2
65.0	192.6	195.3	198.0	201.9	205.0	208.7	211.8	215.9	219.4	223.9
67.5	165.1	167.8	170.7	174.2	177.7	181.3	184.7	188.7	192.6	196.9
70.0	137.7	139.9	143.0	146.6	150.1	153.6	157.2	161.0	165.1	169.2
72.5	110.4	112.0	115.7	118.4	122.6	125.7	129.7	133.1	137.4	141.1
75.0	84.10	85.71	89.24	91.85	96.07	98.63	102.6	105.5	110.1	113.0
77.5	59.25	60.75	64.11	66.51	70.41	72.94	76.69	79.21	83.55	86.25
80.0	36.86	38.20	41.19	43.23	46.67	48.96	52.46	54.55	58.57	61.10
82.5	18.01	19.08	21.49	23.02	25.87	27.80	30.78	32.53	35.99	38.25
85.0	7.220	7.404	7.797	8.339	9.912	11.20	13.33	14.55	17.22	18.61
87.5	3.169	3.669	4.933	5.331	5.744	6.191	7.087	7.534	7.981	8.274
90.0	0.6927	0.5838	0.7901	0.9548	1.165	1.181	1.068	1.215	2.217	2.611
92.5	0.4617	0.4663	0.4436	0.4717	0.4791	0.5644	0.6686	0.6667	0.7060	0.7152
95.0	0.4799	0.4572	0.4621	0.4483	0.4483	0.4482	0.4663	0.4803	0.4889	0.5118
97.5	0.5388	0.4933	0.5117	0.4705	0.4981	0.4571	0.5029	0.4844	0.5208	0.5115
100.0	0.5931	0.5565	0.5751	0.5294	0.5570	0.5291	0.5570	0.5476	0.5752	0.5612
102.5	0.6746	0.6332	0.6474	0.6061	0.6203	0.5974	0.6294	0.6196	0.6429	0.6286
105.0	0.7515	0.7106	0.7200	0.6921	0.7019	0.6878	0.7107	0.6967	0.7199	0.7060
107.5	0.8421	0.8011	0.8106	0.7784	0.7924	0.7829	0.7968	0.7830	0.8064	0.7876
110.0	0.9373	0.9003	0.9055	0.8690	0.8786	0.8645	0.8833	0.8688	0.8875	0.8734
112.5	1.028	0.9953	0.9965	0.9732	0.9739	0.9682	0.9780	0.9641	0.9783	0.9682
115.0	1.123	1.100	1.100	1.068	1.073	1.072	1.077	1.068	1.073	1.059
117.5	1.218	1.199	1.196	1.168	1.163	1.177	1.178	1.168	1.168	1.154
120.0	1.323	1.307	1.295	1.276	1.268	1.277	1.277	1.276	1.268	1.253
122.5	1.422	1.403	1.399	1.385	1.368	1.389	1.372	1.380	1.368	1.362
125.0	1.512	1.503	1.485	1.480	1.467	1.493	1.476	1.484	1.467	1.457
127.5	1.598	1.593	1.580	1.566	1.557	1.593	1.571	1.580	1.566	1.557
130.0	1.684	1.666	1.652	1.643	1.643	1.670	1.662	1.665	1.657	1.639
132.5	1.757	1.747	1.729	1.729	1.707	1.747	1.734	1.743	1.721	1.724
135.0	1.829	1.829	1.807	1.806	1.793	1.837	1.816	1.833	1.811	1.801
137.5	1.906	1.901	1.883	1.887	1.865	1.915	1.897	1.915	1.897	1.888
140.0	1.974	1.969	1.956	1.951	1.938	1.987	1.970	1.987	1.970	1.964
142.5	2.033	2.032	2.024	2.018	2.001	2.059	2.042	2.059	2.042	2.037
145.0	2.105	2.100	2.087	2.082	2.074	2.132	2.114	2.136	2.114	2.105
147.5	2.164	2.168	2.150	2.146	2.133	2.195	2.182	2.195	2.182	2.168
150.0	2.232	2.227	2.214	2.209	2.196	2.263	2.245	2.268	2.250	2.227
152.5	2.309	2.308	2.291	2.286	2.277	2.336	2.323	2.344	2.327	2.313
155.0	2.391	2.385	2.368	2.367	2.354	2.417	2.408	2.426	2.413	2.390
157.5	2.468	2.458	2.449	2.440	2.431	2.494	2.485	2.498	2.486	2.476
160.0	2.535	2.526	2.517	2.503	2.494	2.553	2.549	2.553	2.544	2.526
162.5	2.594	2.580	2.580	2.566	2.562	2.616	2.603	2.621	2.608	2.598
165.0	2.648	2.639	2.626	2.621	2.612	2.662	2.653	2.671	2.653	2.648
167.5	2.694	2.680	2.671	2.666	2.666	2.707	2.698	2.711	2.698	2.684
170.0	2.761	2.757	2.748	2.720	2.721	2.752	2.739	2.752	2.744	2.734
172.5	2.807	2.802	2.798	2.793	2.789	2.820	2.793	2.811	2.798	2.788
175.0	2.847	2.838	2.838	2.834	2.829	2.875	2.870	2.879	2.847	2.838
177.5	2.884	2.879	2.875	2.870	2.866	2.911	2.911	2.920	2.924	2.884
180.0	2.929	2.920	2.920	2.915	2.915	2.956	2.952	2.961	2.956	2.942

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators: yechihong  
 Test Date: 2018-07-16

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	589.7	589.5	589.0	588.5	588.6	588.6	588.7	588.7	588.9	589.1
2.5	589.8	589.9	589.7	589.5	589.8	589.8	590.1	590.3	590.5	590.7
5.0	588.6	589.0	589.3	589.2	589.6	589.9	590.1	590.6	590.8	591.0
7.5	586.2	586.8	587.4	587.7	588.2	588.6	589.1	589.5	589.8	590.2
10.0	582.5	583.4	584.1	584.9	585.5	585.9	586.6	587.1	587.5	588.0
12.5	577.5	578.6	579.8	580.7	581.6	582.2	582.8	583.5	584.0	584.5
15.0	571.2	572.6	574.0	575.3	576.2	576.9	577.9	578.5	579.3	579.7
17.5	563.7	565.3	567.2	568.7	569.7	570.6	571.6	572.4	573.2	573.7
20.0	555.0	556.9	559.1	560.8	561.9	563.0	564.1	564.9	566.0	566.3
22.5	545.1	547.4	549.7	551.8	552.9	554.2	555.3	556.2	557.3	557.8
25.0	534.1	536.6	539.2	541.5	542.8	544.2	545.4	546.3	547.5	548.0
27.5	521.9	524.6	527.5	530.2	531.6	533.0	534.3	535.2	536.6	537.0
30.0	508.7	511.6	514.8	517.6	519.2	520.7	522.0	523.1	524.5	525.0
32.5	494.5	497.6	501.0	504.2	505.7	507.3	508.8	509.9	511.3	511.9
35.0	479.3	482.6	486.3	489.7	491.3	493.0	494.5	495.6	497.2	497.7
37.5	463.1	466.6	470.5	474.1	475.8	477.5	479.3	480.4	482.1	482.5
40.0	446.0	449.7	453.8	457.6	459.5	461.3	463.0	464.2	465.9	466.5
42.5	428.1	432.0	436.3	440.3	442.2	444.1	445.8	447.2	448.9	449.4
45.0	409.4	413.4	417.9	422.2	424.1	426.2	427.9	429.2	431.1	431.6
47.5	389.9	394.0	398.7	403.1	405.1	407.2	409.0	410.4	412.4	412.9
50.0	369.3	373.8	378.5	383.3	385.3	387.5	389.4	391.0	392.9	393.5
52.5	348.0	352.5	357.6	362.6	364.7	366.9	369.0	370.5	372.5	373.1
55.0	325.2	329.8	335.2	340.4	342.9	345.2	347.5	349.2	351.4	352.0
57.5	301.3	306.1	311.8	317.1	319.7	322.3	324.7	326.4	329.0	329.7
60.0	276.6	281.4	287.2	292.8	295.6	298.2	300.8	302.6	305.3	306.1
62.5	250.9	257.1	261.3	268.2	270.4	273.3	276.1	277.8	280.8	281.6
65.0	225.8	232.3	236.9	244.0	245.1	249.0	250.2	253.2	254.3	256.6
67.5	199.5	206.2	211.1	218.4	219.9	223.9	225.0	228.2	229.5	231.5
70.0	171.8	178.5	184.0	191.3	193.1	197.1	198.6	201.6	203.5	205.4
72.5	143.8	150.4	156.3	163.4	165.2	169.2	171.1	174.0	176.0	177.9
75.0	116.2	121.8	128.3	135.4	137.3	141.1	143.2	146.1	148.0	149.8
77.5	89.36	94.65	100.9	107.1	109.8	112.6	115.3	117.4	120.2	121.1
80.0	63.89	68.75	74.58	80.52	83.18	85.87	88.36	90.41	93.17	93.82
82.5	40.72	44.91	50.19	55.81	58.22	60.57	62.87	64.81	67.31	67.91
85.0	20.16	23.60	28.01	32.93	35.15	37.38	39.51	41.30	43.68	44.24
87.5	8.438	8.596	10.67	14.06	15.72	17.36	19.14	20.82	22.86	23.45
90.0	3.492	5.434	6.577	7.379	7.613	7.629	7.794	8.155	8.407	8.545
92.5	0.7287	0.7326	0.6439	0.7249	1.244	2.161	3.139	3.951	5.116	5.347
95.0	0.5388	0.5570	0.5432	0.5759	0.5476	0.6096	0.6818	0.7243	0.7146	0.7193
97.5	0.5615	0.5432	0.5569	0.5432	0.5478	0.5478	0.5433	0.5523	0.5434	0.5573
100.0	0.6113	0.5703	0.5978	0.5610	0.5797	0.5568	0.5707	0.5432	0.5660	0.5523
102.5	0.6748	0.6382	0.6476	0.6063	0.6339	0.5929	0.6203	0.5794	0.6112	0.5748
105.0	0.7475	0.7061	0.7201	0.6743	0.6974	0.6604	0.6748	0.6426	0.6702	0.6338
107.5	0.8289	0.7873	0.8017	0.7511	0.7697	0.7288	0.7562	0.7151	0.7336	0.7012
110.0	0.9102	0.8734	0.8788	0.8370	0.8515	0.8148	0.8285	0.7962	0.8107	0.7831
112.5	0.9922	0.9595	0.9688	0.9234	0.9326	0.8915	0.9102	0.8826	0.8920	0.8687
115.0	1.086	1.055	1.055	1.005	1.019	0.9954	0.9961	0.9686	0.9823	0.9504
117.5	1.177	1.150	1.146	1.104	1.109	1.082	1.091	1.068	1.073	1.045
120.0	1.272	1.249	1.236	1.199	1.205	1.177	1.182	1.150	1.155	1.145
122.5	1.367	1.344	1.327	1.294	1.295	1.276	1.277	1.249	1.254	1.236
125.0	1.467	1.435	1.417	1.390	1.390	1.367	1.368	1.353	1.354	1.339
127.5	1.553	1.539	1.508	1.493	1.485	1.475	1.467	1.457	1.449	1.435
130.0	1.639	1.616	1.598	1.588	1.585	1.584	1.576	1.566	1.549	1.539
132.5	1.712	1.702	1.684	1.670	1.679	1.688	1.670	1.652	1.652	1.629
135.0	1.793	1.774	1.748	1.724	1.711	1.715	1.693	1.697	1.689	1.697
137.5	1.879	1.865	1.829	1.806	1.793	1.788	1.770	1.774	1.761	1.774
140.0	1.951	1.932	1.901	1.879	1.865	1.856	1.843	1.847	1.834	1.833
142.5	2.028	2.010	1.983	1.951	1.942	1.932	1.920	1.919	1.902	1.905
145.0	2.096	2.078	2.060	2.028	2.019	2.010	1.997	1.996	1.974	1.982
147.5	2.164	2.145	2.123	2.091	2.087	2.069	2.055	2.060	2.042	2.046
150.0	2.228	2.218	2.191	2.168	2.155	2.145	2.128	2.128	2.114	2.114
152.5	2.309	2.295	2.273	2.250	2.241	2.240	2.214	2.218	2.205	2.204
155.0	2.390	2.377	2.363	2.336	2.332	2.335	2.305	2.304	2.291	2.299
157.5	2.467	2.453	2.436	2.412	2.409	2.412	2.382	2.386	2.382	2.381
160.0	2.531	2.517	2.508	2.480	2.476	2.467	2.454	2.458	2.449	2.453
162.5	2.594	2.580	2.562	2.544	2.540	2.530	2.521	2.526	2.517	2.526
165.0	2.644	2.635	2.630	2.607	2.599	2.594	2.581	2.589	2.581	2.589
167.5	2.680	2.671	2.658	2.639	2.639	2.625	2.621	2.621	2.617	2.621
170.0	2.730	2.720	2.716	2.689	2.689	2.680	2.676	2.671	2.666	2.675
172.5	2.784	2.770	2.766	2.743	2.748	2.734	2.734	2.734	2.734	2.739
175.0	2.843	2.825	2.825	2.802	2.798	2.789	2.789	2.793	2.807	2.820
177.5	2.884	2.870	2.866	2.843	2.847	2.834	2.838	2.838	2.870	2.865
180.0	2.942	2.906	2.902	2.884	2.893	2.879	2.875	2.875	2.879	2.911

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators: yechihong  
 Test Date: 2018-07-16

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:

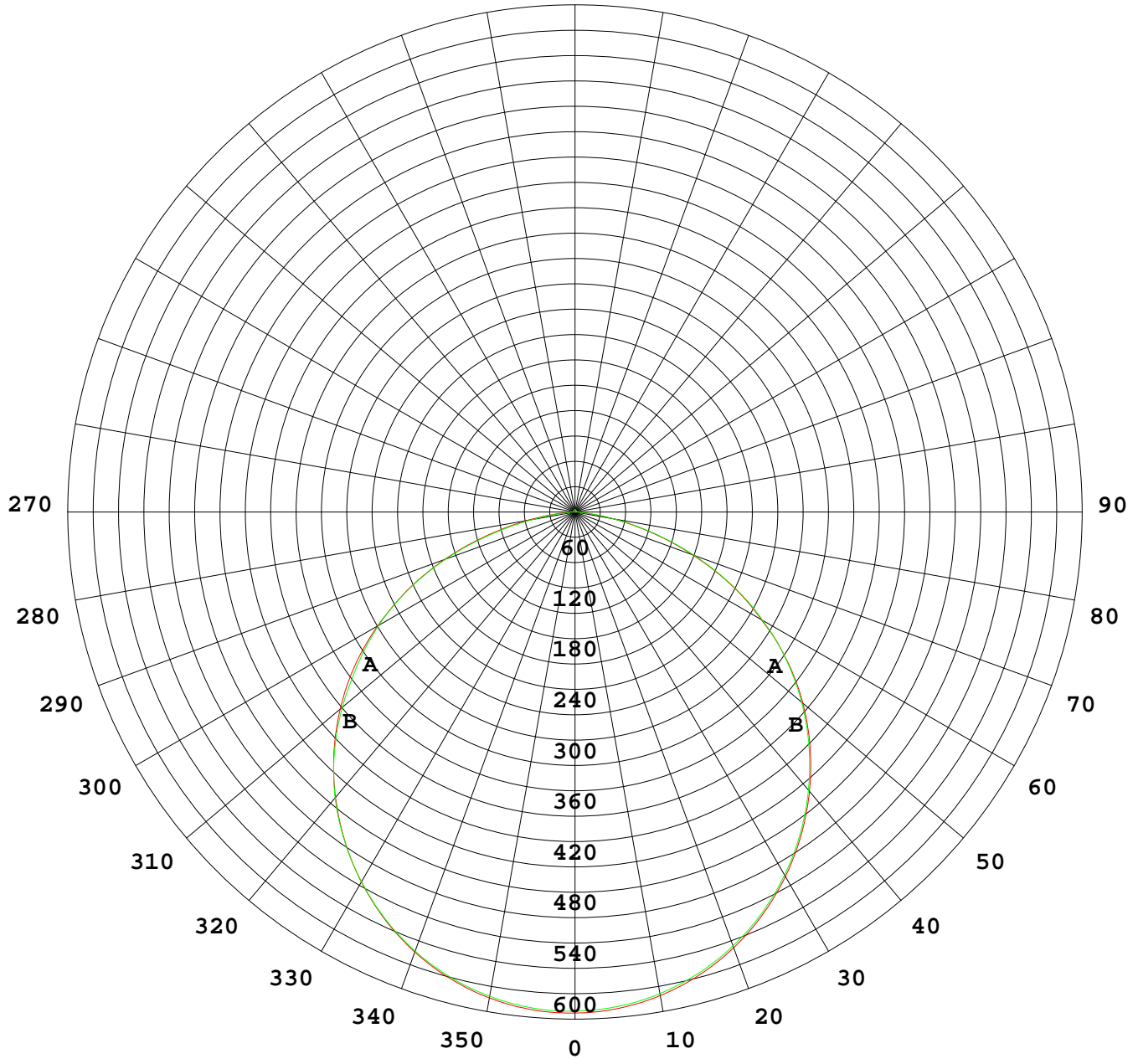
## Photometric Data Table [cd]

G/C	350.0	355.0
0.0	589.1	589.3
2.5	590.9	591.1
5.0	591.3	591.5
7.5	590.5	590.6
10.0	588.4	588.6
12.5	584.9	585.2
15.0	580.3	580.3
17.5	574.3	574.3
20.0	567.0	567.1
22.5	558.6	558.5
25.0	548.9	548.8
27.5	538.0	537.9
30.0	525.9	525.8
32.5	512.9	512.7
35.0	498.8	498.6
37.5	483.5	483.4
40.0	467.5	467.3
42.5	450.6	450.3
45.0	432.7	432.6
47.5	414.1	413.8
50.0	394.7	394.3
52.5	374.4	374.1
55.0	353.3	353.0
57.5	331.3	331.1
60.0	307.9	307.7
62.5	283.5	283.4
65.0	256.7	258.0
67.5	232.0	233.0
70.0	206.0	206.9
72.5	178.8	179.4
75.0	151.0	151.3
77.5	122.9	122.7
80.0	95.59	95.53
82.5	69.54	69.43
85.0	45.73	45.81
87.5	24.84	25.12
90.0	9.435	9.846
92.5	5.688	5.759
95.0	0.7288	0.7227
97.5	0.5479	0.5661
100.0	0.5618	0.5477
102.5	0.6024	0.5703
105.0	0.6612	0.6335
107.5	0.7292	0.7013
110.0	0.8104	0.7877
112.5	0.8876	0.8641
115.0	0.9689	0.9461
117.5	1.059	1.041
120.0	1.146	1.136
122.5	1.245	1.231
125.0	1.345	1.322
127.5	1.431	1.426
130.0	1.526	1.530
132.5	1.621	1.616
135.0	1.684	1.684
137.5	1.761	1.765
140.0	1.825	1.842
142.5	1.902	1.905
145.0	1.974	1.978
147.5	2.038	2.046
150.0	2.114	2.118
152.5	2.205	2.199
155.0	2.295	2.295
157.5	2.377	2.381
160.0	2.449	2.453
162.5	2.522	2.521
165.0	2.585	2.589
167.5	2.621	2.621
170.0	2.675	2.675
172.5	2.735	2.738
175.0	2.816	2.820
177.5	2.866	2.875
180.0	2.911	2.915

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators: yechihong  
 Test Date: 2018-07-16

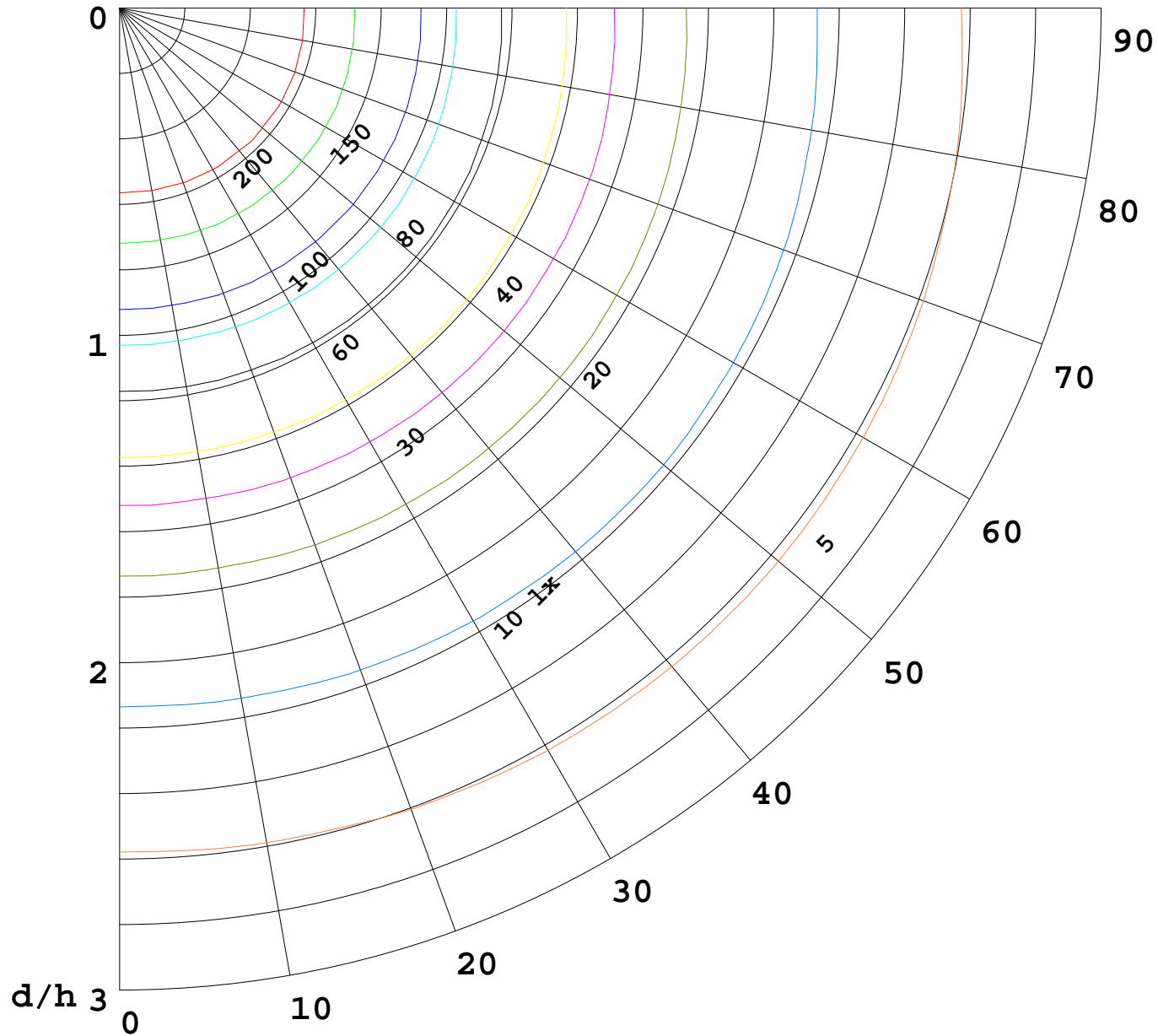
$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.272  
 Humidity: 70%  
 Test Distance: 8.425m [K=1.0000]  
 Remarks:

I(cd)



1000 lm

$K = 1$





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

	<b>Pcc</b>	<b>Pw</b>	<b>Pfc</b>
—————	70	50	30
—————	50	30	20

