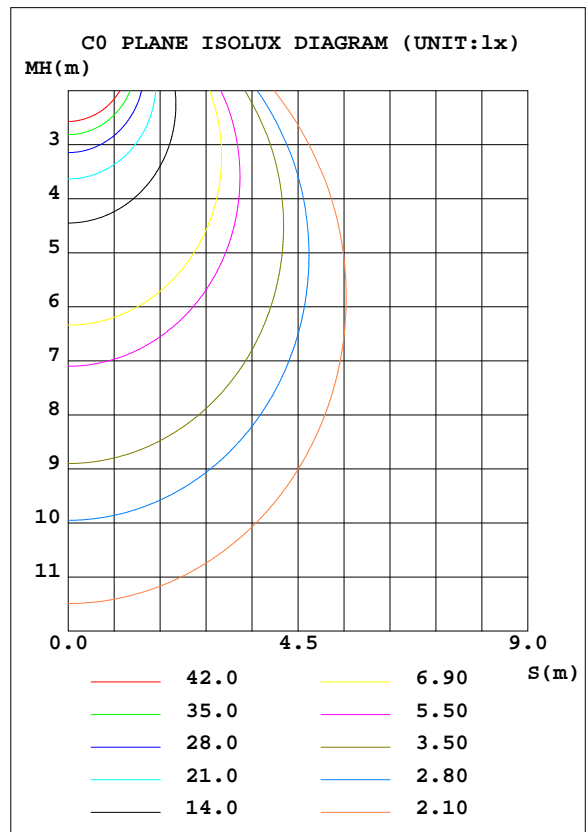
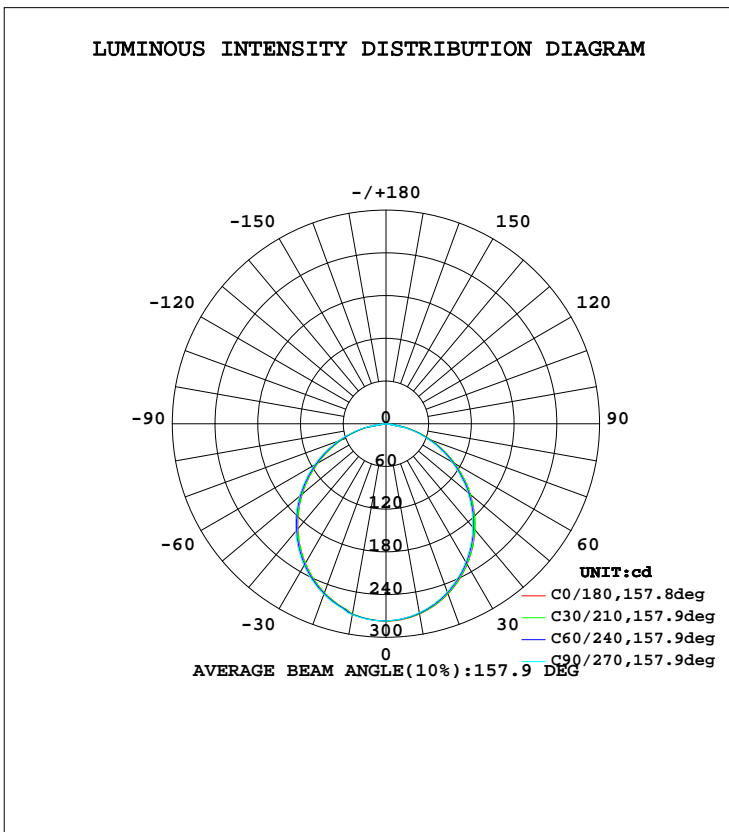


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.8V I:0.1487A P:17.72W PF:0.9863 Lamp Flux:743.686x1 lm		
NAME: AAF121400L30D1SNWH	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:20190905A0002
MFR.: AFX	SUR.:0.22	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 41.98 lm/W			
MODEL	AAF121400L30D1SNWH	I _{max} (cd)	277.2	S/MH(C0/180)	1.23
NOMINAL POWER(W)	18	LOR(%)	100.0	S/MH(C90/270)	1.21
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	743.69	η UP, DN(C0-180)	0.3, 49.4
NOMINAL FLUX(lm)	743.686	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.2, 50.1
LAMPS INSIDE	1	η up(%)	0.5	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.8	η down(%)	99.5	CIBSE SHR MAX	1.35



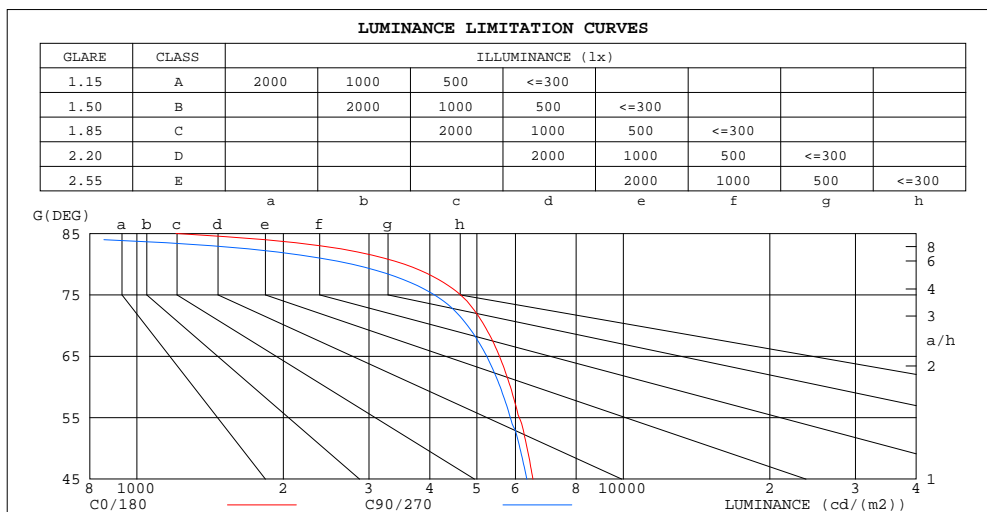
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:yechihong
 Test Date:2019-09-06

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	275.7	275.0	274.5	275.2	275.6	275.5	276.0	275.5	0- 5	6.601	6.601	0.89,0.89
10	271.2	270.7	269.3	270.7	271.3	271.2	272.4	271.3	5- 10	19.54	26.14	3.51,3.51
15	264.1	261.5	261.6	261.5	262.3	264.2	264.2	264.3	10- 15	31.64	57.78	7.77,7.77
20	254.3	251.7	251.2	251.7	252.6	254.7	255.2	254.8	15- 20	42.53	100.3	13.5,13.5
25	242.3	239.5	238.5	239.5	240.6	242.7	243.8	242.8	20- 25	51.85	152.2	20.5,20.5
30	228.0	225.2	223.9	225.3	226.4	228.6	230.2	228.7	25- 30	59.24	211.4	28.4,28.4
35	212.0	209.2	207.4	209.2	210.3	212.6	214.6	212.7	30- 35	64.48	275.9	37.1,37.1
40	194.2	191.5	189.4	191.5	192.7	195.0	197.3	195.1	35- 40	67.43	343.3	46.2,46.2
45	175.1	172.5	170.1	172.5	173.7	175.9	178.7	176.0	40- 45	68.04	411.3	55.3,55.3
50	154.9	152.5	149.8	152.4	153.5	155.8	158.8	155.8	45- 50	66.35	477.7	64.2,64.2
55	133.2	131.5	127.7	131.4	132.5	134.2	137.9	134.4	50- 55	62.43	540.1	72.6,72.6
60	111.4	110.0	106.1	109.8	110.9	112.2	116.4	112.3	55- 60	56.34	596.5	80.2,80.2
65	89.35	88.04	84.15	87.80	88.87	90.20	94.47	90.34	60- 65	48.65	645.1	86.7,86.7
70	67.35	66.09	62.20	65.89	66.85	68.14	72.41	68.27	65- 70	39.53	684.6	92.1,92.1
75	45.50	44.29	40.21	43.96	44.92	46.31	50.45	46.41	70- 75	29.35	714.0	96.96
80	23.40	22.22	18.27	21.73	22.80	24.12	28.19	24.25	75- 80	18.24	732.2	98.5,98.5
85	3.986	3.175	0.9794	3.029	3.531	4.347	7.478	4.434	80- 85	7.078	739.3	99.4,99.4
90	0.2899	0.2354	0.2673	0.2441	0.0860	0.1041	0.0951	0.1085	85- 90	0.4845	739.8	99.5,99.5
95	0.2264	0.2218	0.2218	0.2218	0.1133	0.0951	0.1041	0.0951	90- 95	0.0925	739.9	99.5,99.5
100	0.2173	0.2537	0.2263	0.2584	0.1769	0.1175	0.1541	0.1177	95- 100	0.0952	740.0	99.5,99.5
105	0.2983	0.3531	0.3259	0.3536	0.2628	0.2035	0.2265	0.1946	100-105	0.1249	740.1	99.5,99.5
110	0.3938	0.4530	0.4298	0.4527	0.3532	0.2985	0.3080	0.2761	105-110	0.1693	740.3	99.5,99.5
115	0.5069	0.5569	0.5250	0.5572	0.4483	0.3802	0.3941	0.3757	110-115	0.2125	740.5	99.6,99.6
120	0.6020	0.6521	0.6383	0.6610	0.5478	0.4751	0.4890	0.4662	115-120	0.2516	740.7	99.6,99.6
125	0.7062	0.7517	0.7377	0.7518	0.6474	0.5746	0.5840	0.5658	120-125	0.2850	741.0	99.6,99.6
130	0.8191	0.8558	0.8374	0.8513	0.7427	0.6700	0.6791	0.6833	125-130	0.3100	741.3	99.7,99.7
135	0.9006	0.9416	0.9278	0.9372	0.8330	0.7558	0.7696	0.7513	130-135	0.3259	741.7	99.7,99.7
140	0.9913	1.019	1.005	1.019	0.9190	0.8464	0.8601	0.8375	135-140	0.3308	742.0	99.8,99.8
145	1.068	1.096	1.082	1.100	1.001	0.9322	0.9372	0.9279	140-145	0.3256	742.3	99.8,99.8
150	1.159	1.186	1.177	1.186	1.082	1.018	1.019	1.018	145-150	0.3109	742.6	99.9,99.9
155	1.240	1.268	1.249	1.263	1.186	1.114	1.123	1.118	150-155	0.2896	742.9	99.9,99.9
160	1.304	1.331	1.313	1.326	1.268	1.200	1.209	1.195	155-160	0.2574	743.2	99.9,99.9
165	1.372	1.394	1.358	1.367	1.340	1.258	1.277	1.263	160-165	0.2140	743.4	100,100
170	1.430	1.444	1.412	1.426	1.435	1.358	1.367	1.358	165-170	0.1615	743.5	100,100
175	1.471	1.467	1.440	1.444	1.476	1.426	1.435	1.417	170-175	0.1018	743.7	100,100
180	1.503	1.489	1.462	1.458	1.498	1.462	1.471	1.458	175-180	0.0348	743.7	100,100
DEG	LUMINOUS INTENSITY:cd MAX (Ii - Iavg)/Iavg (0-135) = 159.8 %										UNIT:lm	



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1203	296
80	3546	2768
75	4626	4089
70	5182	4786
65	5564	5240
60	5861	5583
55	6112	5858
50	6343	6131
45	6516	6331

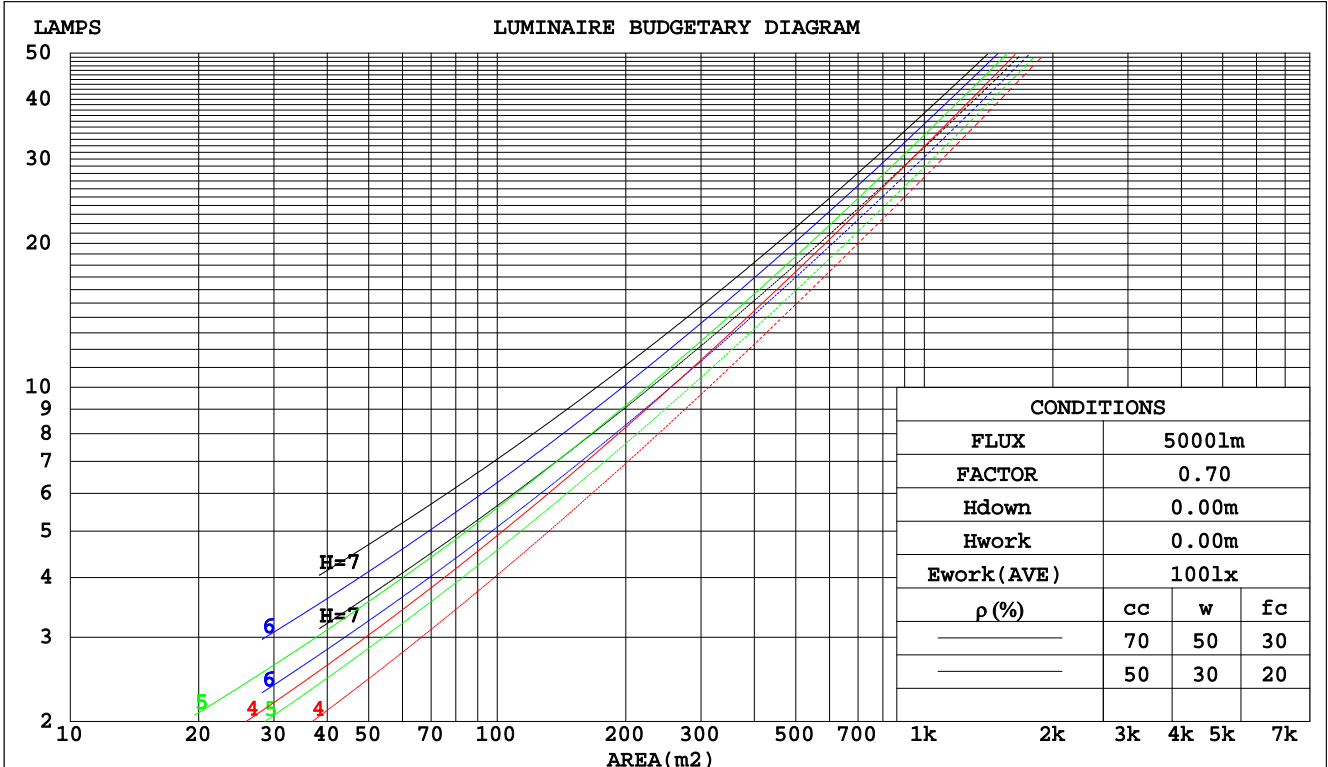
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:yechihong
Test Date:2019-09-06

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:120.8V I:0.1487A P:17.72W PF:0.9863 Lamp Flux:743.686x1 lm		
NAME: AAF121400L30D1SNWH	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:20190905A0002
MFR.: AFX	SUR.:0.22	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	1.02	1.02	1.02	.99
1.0	1.04	1.00	.97	1.02	.98	.95	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.85	.79	.89	.83	.78	.86	.81	.76	.82	.78	.74	.79	.76	.73	.70
3.0	.80	.72	.66	.79	.71	.65	.76	.69	.64	.73	.67	.63	.70	.66	.62	.60
4.0	.71	.63	.56	.70	.62	.55	.67	.60	.55	.65	.59	.54	.63	.57	.53	.51
5.0	.64	.55	.48	.63	.54	.48	.60	.53	.47	.58	.52	.47	.56	.51	.46	.44
6.0	.57	.49	.42	.56	.48	.42	.55	.47	.42	.53	.46	.41	.51	.45	.41	.39
7.0	.52	.43	.37	.51	.43	.37	.50	.42	.37	.48	.41	.36	.47	.41	.36	.34
8.0	.48	.39	.33	.47	.39	.33	.45	.38	.33	.44	.38	.33	.43	.37	.32	.31
9.0	.44	.35	.30	.43	.35	.30	.42	.35	.30	.41	.34	.30	.40	.34	.29	.27
10.0	.40	.32	.27	.40	.32	.27	.39	.32	.27	.38	.31	.27	.37	.31	.27	.25



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:yechihong
 Test Date:2019-09-06

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:120.8V I:0.1487A P:17.72W PF:0.9863 Lamp Flux:743.686x1 lm		
NAME: AAF121400L30D1SNWH	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:20190905A0002
MFR.: AFX	SUR.:0.22	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	.296	.168	.053	.289	.165	.052	.275	.158	.050	.263	.152	.049	.251	.146	.047	
2.0	.283	.155	.048	.276	.152	.047	.264	.147	.046	.253	.142	.044	.243	.138	.043	
3.0	.263	.140	.042	.258	.138	.042	.247	.134	.041	.237	.130	.040	.228	.126	.039	
4.0	.244	.127	.037	.239	.125	.037	.230	.122	.036	.221	.119	.036	.213	.116	.035	
5.0	.226	.115	.033	.222	.114	.033	.214	.111	.033	.206	.109	.032	.199	.106	.032	
6.0	.210	.105	.030	.206	.104	.030	.199	.102	.030	.192	.100	.029	.186	.098	.029	
7.0	.196	.097	.027	.193	.096	.027	.186	.094	.027	.180	.092	.027	.174	.090	.027	
8.0	.183	.090	.025	.180	.089	.025	.174	.087	.025	.169	.085	.025	.163	.084	.024	
9.0	.172	.083	.023	.169	.082	.023	.164	.081	.023	.159	.080	.023	.154	.078	.023	
10.0	.162	.078	.022	.159	.077	.021	.155	.076	.021	.150	.074	.021	.146	.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	.194	.194	.194	.166	.166	.166	.113	.113	.113	.065	.065	.065	.021	.021	.021	
1.0	.183	.160	.139	.157	.138	.120	.107	.095	.083	.062	.055	.048	.020	.018	.016	
2.0	.175	.136	.103	.150	.117	.089	.103	.081	.062	.059	.047	.036	.019	.015	.012	
3.0	.167	.118	.079	.143	.102	.069	.098	.071	.048	.057	.041	.028	.018	.013	.009	
4.0	.160	.105	.063	.137	.091	.055	.094	.063	.039	.055	.037	.023	.018	.012	.008	
5.0	.152	.095	.052	.131	.082	.045	.090	.057	.032	.052	.034	.019	.017	.011	.006	
6.0	.145	.086	.044	.125	.075	.038	.086	.052	.027	.050	.031	.016	.016	.010	.005	
7.0	.139	.079	.038	.119	.069	.033	.082	.048	.023	.048	.028	.014	.015	.009	.005	
8.0	.132	.073	.033	.114	.064	.029	.079	.045	.020	.046	.026	.012	.015	.009	.004	
9.0	.126	.068	.030	.109	.059	.026	.075	.042	.018	.044	.025	.011	.014	.008	.004	
10.0	.121	.064	.027	.104	.056	.023	.072	.039	.017	.042	.023	.010	.014	.008	.003	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:yechihong
 Test Date:2019-09-06

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:120.8V I:0.1487A P:17.72W PF:0.9863 Lamp Flux:743.686x1 lm										
NAME: AAF121400L30D1SNWH					TYPE:			WEIGHT:		
DIM.:					SPEC.:			SERIAL No.:20190905A0002		
MFR.: AFX					SUR.:0.22			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	19.1	20.6	19.4	20.8	21.0	18.9	20.4	19.2	20.6	20.8
3H	20.5	21.9	20.8	22.2	22.4	20.2	21.6	20.5	21.8	22.1
4H	21.1	22.4	21.4	22.7	22.9	20.7	22.0	21.0	22.3	22.5
6H	21.4	22.6	21.7	22.9	23.2	20.9	22.2	21.3	22.4	22.7
8H	21.4	22.6	21.8	22.9	23.2	20.9	22.1	21.3	22.4	22.7
12H	21.4	22.6	21.8	22.9	23.2	20.9	22.0	21.2	22.3	22.6
4H 2H	19.7	21.0	20.0	21.2	21.5	19.5	20.8	19.8	21.1	21.3
3H	21.3	22.4	21.6	22.7	23.0	21.0	22.2	21.4	22.5	22.8
4H	21.9	23.0	22.3	23.3	23.7	21.6	22.6	22.0	23.0	23.3
6H	22.4	23.3	22.8	23.6	24.0	21.9	22.8	22.3	23.2	23.6
8H	22.4	23.3	22.9	23.7	24.1	21.9	22.8	22.4	23.2	23.6
12H	22.4	23.2	22.9	23.6	24.0	21.9	22.7	22.3	23.1	23.5
8H 4H	22.1	23.0	22.6	23.4	23.8	21.8	22.7	22.2	23.1	23.5
6H	22.7	23.4	23.1	23.8	24.2	22.2	22.9	22.7	23.4	23.8
8H	22.8	23.4	23.3	23.9	24.3	22.3	22.9	22.8	23.4	23.8
12H	22.8	23.4	23.3	23.8	24.3	22.3	22.8	22.8	23.3	23.8
12H 4H	22.1	22.9	22.6	23.3	23.7	21.8	22.6	22.3	23.0	23.4
6H	22.7	23.3	23.1	23.7	24.2	22.3	22.9	22.7	23.3	23.8
8H	22.8	23.4	23.3	23.8	24.3	22.3	22.9	22.8	23.3	23.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.3				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.3 / - 0.3				

CIE Pub.117 Corrected 743.7 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.0)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:yechihong
 Test Date:2019-09-06

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:120.8V I:0.1487A P:17.72W PF:0.9863 Lamp Flux:743.686x1 lm		
NAME: AAF121400L30D1SNWH	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:20190905A0002
MFR.: AFX	SUR.:0.22	PROTECTION ANGLE:

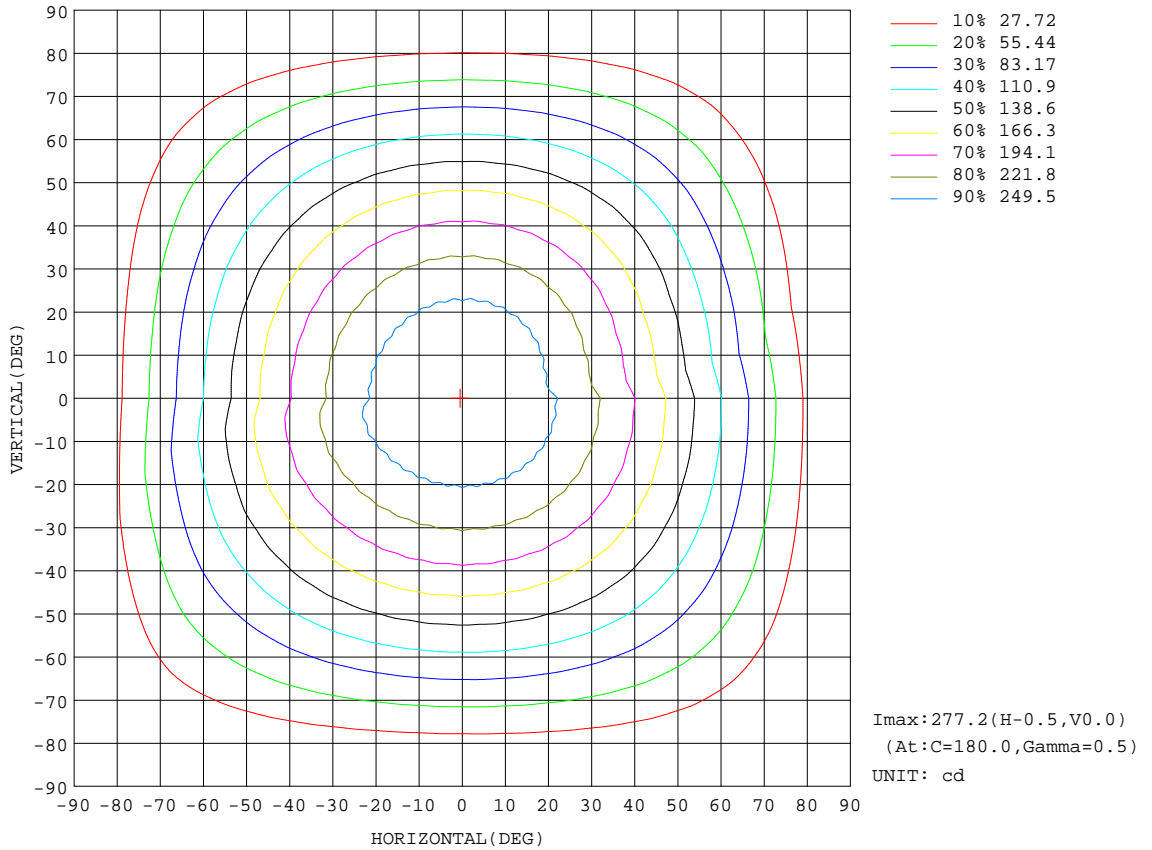
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	58	47	40	58	47	40	56	46	40	33
0.80	68	57	50	67	57	50	66	56	49	42
1.00	77	66	59	76	65	59	73	67	58	51
1.25	84	74	67	82	73	66	80	71	65	58
1.50	89	79	72	87	78	72	84	77	71	63
2.00	96	87	81	94	86	80	90	84	79	71
2.50	99	92	86	97	91	85	94	88	83	75
3.00	103	96	91	101	95	90	97	92	88	79
4.00	107	101	97	104	99	95	100	96	93	84
5.00	109	104	101	107	102	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:2019-09-06

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:120.8V I:0.1487A P:17.72W PF:0.9863 Lamp Flux:743.686x1 lm		
NAME: AAF121400L30D1SNWH	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:20190905A0002
MFR.: AFX	SUR.:0.22	PROTECTION ANGLE:

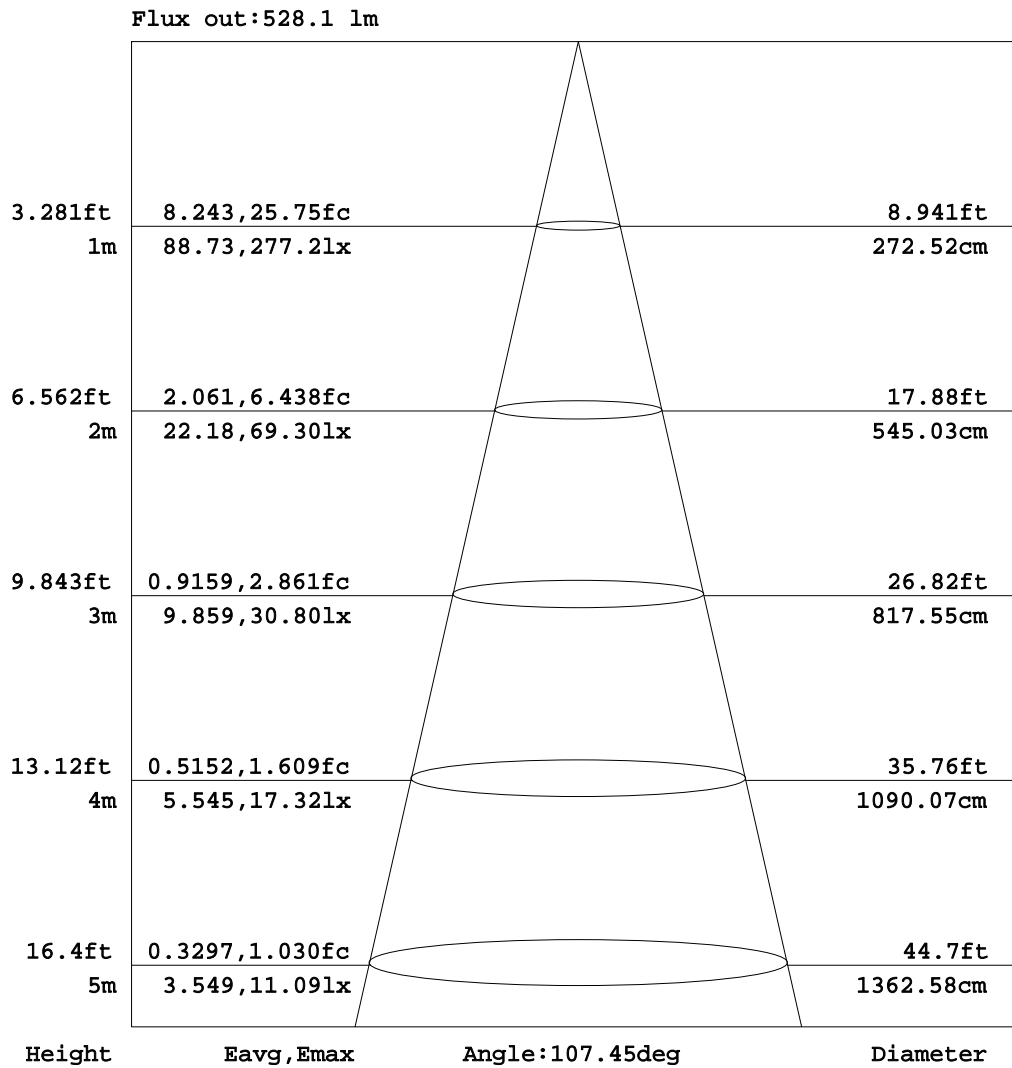


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: yechihong
 Test Date: 2019-09-06

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:120.8V I:0.1487A P:17.72W PF:0.9863 Lamp Flux:743.686x1 lm		
NAME: AAF121400L30D1SNWH	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:20190905A0002
MFR.: AFX	SUR.:0.22	PROTECTION ANGLE:



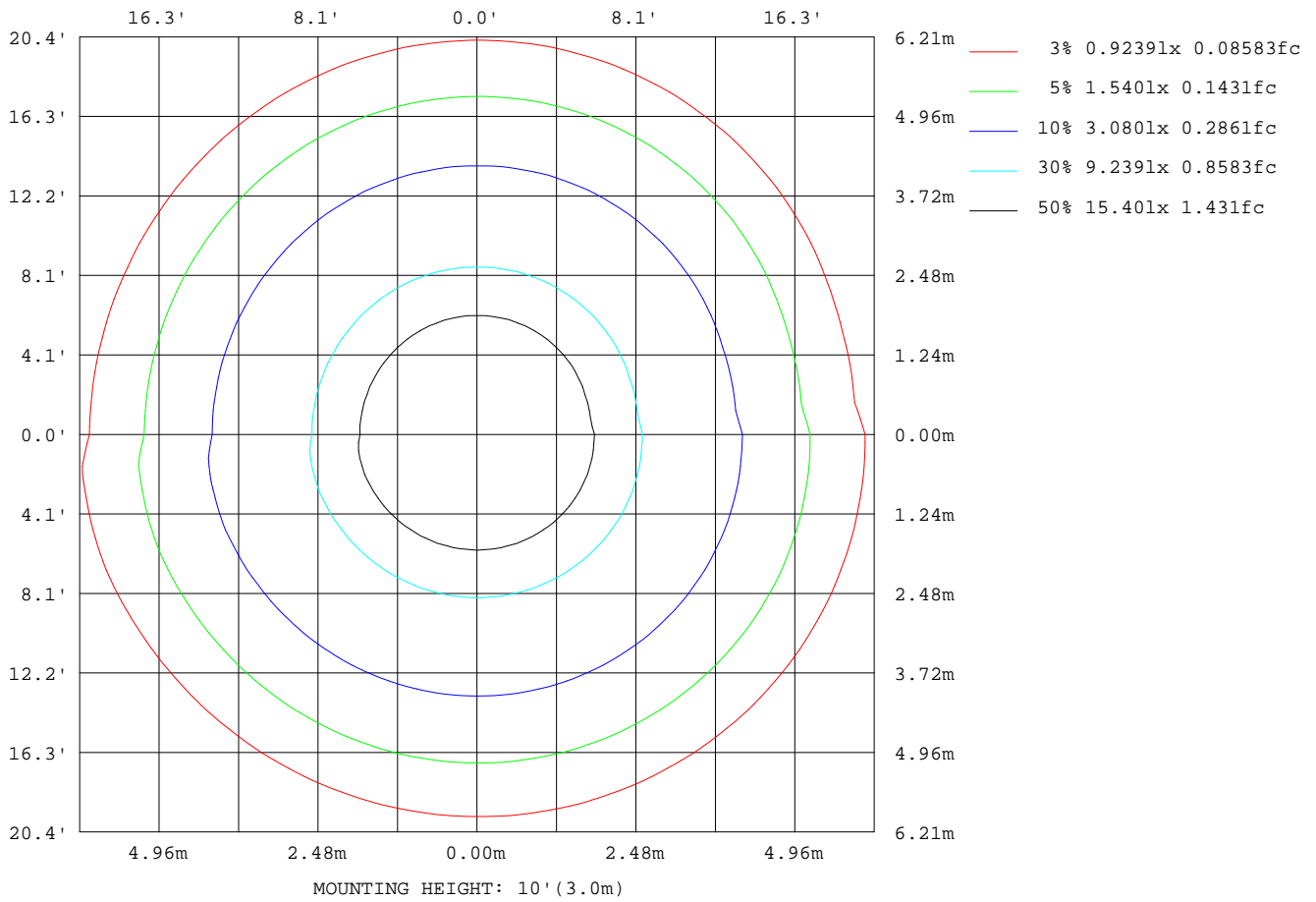
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:yechihong
 Test Date:2019-09-06

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

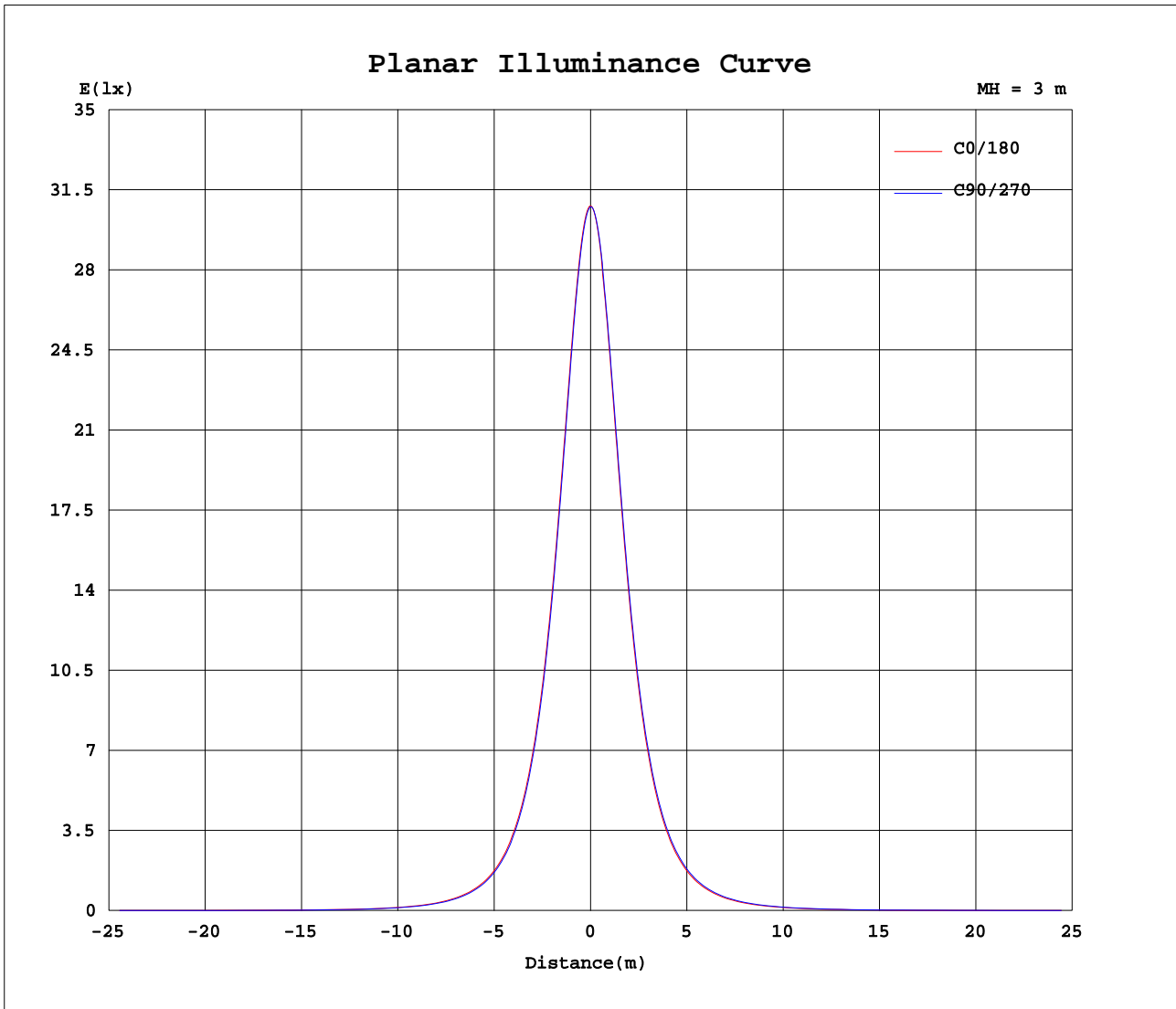
Test:U:120.8V I:0.1487A P:17.72W PF:0.9863 Lamp Flux:743.686x1 lm		
NAME: AAF121400L30D1SNWH	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:20190905A0002
MFR.: AFX	SUR.:0.22	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:yechihong
 Test Date:2019-09-06

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: 2019-09-06

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:120.8V I:0.1487A P:17.72W PF:0.9863 Lamp Flux:743.686x1 lm		
NAME: AAF121400L30D1SNWH	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:20190905A0002
MFR.: AFX	SUR.:0.22	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	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277
5	276	276	276	276	275	276	275	275	275	275	275	275	275	275	275	275	274	275	275
10	271	271	271	271	271	271	271	271	270	271	270	270	270	269	270	269	269	269	269
15	264	263	264	263	264	262	264	262	263	261	263	261	262	261	262	260	262	260	262
20	254	253	254	253	254	253	254	252	253	252	253	251	252	251	252	250	251	250	251
25	242	241	242	241	242	241	242	240	241	239	240	239	240	238	239	238	239	237	239
30	228	227	228	227	228	227	228	226	227	225	226	224	225	224	225	223	224	223	224
35	212	211	212	211	212	211	211	210	211	209	210	208	209	208	208	207	208	206	207
40	194	193	194	193	194	193	194	192	193	192	192	191	191	190	190	189	190	189	189
45	175	174	175	174	175	174	175	173	174	173	173	172	172	171	171	170	170	169	170
50	155	154	155	154	155	154	155	153	154	153	153	151	152	150	151	150	150	149	150
55	133	133	133	133	133	133	133	132	132	132	131	130	130	129	129	129	128	128	128
60	111	112	112	112	111	112	111	111	110	110	109	109	108	108	107	107	106	107	106
65	89.4	89.8	89.6	89.8	89.5	89.6	89.0	88.9	88.2	88.0	87.2	86.9	86.1	85.9	85.2	85.1	84.5	84.6	84.2
70	67.4	67.8	67.6	67.9	67.5	67.7	67.1	67.0	66.3	66.1	65.2	65.0	64.2	64.0	63.3	63.2	62.6	62.7	62.2
75	45.5	45.9	45.8	46.1	45.7	45.8	45.3	45.2	44.4	44.3	43.4	43.2	42.3	42.1	41.4	41.3	40.7	40.7	40.2
80	23.4	23.8	23.7	23.9	23.6	23.8	23.2	23.1	22.4	22.2	21.4	21.1	20.3	20.1	19.4	19.3	18.7	18.8	18.3
85	3.99	4.30	4.22	4.40	4.15	4.27	3.87	3.82	3.29	3.17	2.62	2.47	1.98	1.86	1.48	1.45	1.14	1.18	0.98
90	0.29	0.24	0.29	0.25	0.29	0.25	0.29	0.24	0.29	0.24	0.29	0.24	0.28	0.24	0.27	0.24	0.28	0.23	0.27
95	0.23	0.22	0.23	0.22	0.23	0.22	0.23	0.22	0.23	0.22	0.23	0.23	0.23	0.22	0.23	0.23	0.23	0.23	0.22
100	0.22	0.25	0.22	0.25	0.23	0.25	0.22	0.25	0.23	0.25	0.23	0.27	0.24	0.27	0.24	0.27	0.23	0.27	0.23
105	0.30	0.34	0.30	0.34	0.31	0.34	0.30	0.34	0.30	0.35	0.32	0.36	0.33	0.36	0.32	0.37	0.33	0.37	0.33
110	0.39	0.43	0.39	0.43	0.40	0.44	0.40	0.44	0.42	0.45	0.41	0.46	0.43	0.47	0.43	0.47	0.43	0.47	0.43
115	0.51	0.54	0.50	0.54	0.51	0.54	0.51	0.54	0.52	0.56	0.52	0.57	0.53	0.57	0.53	0.57	0.53	0.57	0.52
120	0.60	0.65	0.61	0.65	0.61	0.64	0.61	0.64	0.61	0.65	0.62	0.67	0.63	0.67	0.63	0.67	0.63	0.66	0.64
125	0.71	0.75	0.71	0.75	0.71	0.74	0.72	0.75	0.72	0.75	0.73	0.76	0.74	0.77	0.74	0.77	0.74	0.77	0.74
130	0.82	0.84	0.81	0.85	0.81	0.84	0.82	0.84	0.82	0.86	0.83	0.86	0.83	0.86	0.82	0.86	0.83	0.86	0.84
135	0.90	0.94	0.90	0.94	0.91	0.93	0.91	0.93	0.91	0.94	0.91	0.95	0.92	0.95	0.92	0.95	0.92	0.96	0.93
140	0.99	1.02	0.99	1.02	0.99	1.01	0.99	1.01	1.00	1.02	1.01	1.03	1.00	1.03	1.00	1.03	1.00	1.03	1.00
145	1.07	1.09	1.07	1.09	1.06	1.09	1.06	1.09	1.08	1.10	1.08	1.11	1.09	1.11	1.08	1.10	1.08	1.10	1.08
150	1.16	1.17	1.15	1.17	1.15	1.17	1.15	1.18	1.16	1.19	1.17	1.19	1.18	1.19	1.18	1.18	1.18	1.19	1.18
155	1.24	1.26	1.24	1.26	1.24	1.25	1.24	1.25	1.24	1.27	1.25	1.27	1.25	1.27	1.24	1.26	1.25	1.26	1.25
160	1.30	1.32	1.32	1.33	1.31	1.32	1.31	1.32	1.32	1.33	1.32	1.34	1.32	1.33	1.33	1.33	1.31	1.33	1.31
165	1.37	1.39	1.38	1.39	1.38	1.38	1.37	1.38	1.37	1.39	1.37	1.38	1.37	1.38	1.36	1.37	1.37	1.38	1.36
170	1.43	1.44	1.43	1.44	1.43	1.44	1.43	1.44	1.43	1.44	1.42	1.43	1.42	1.43	1.42	1.42	1.41	1.43	1.41
175	1.47	1.47	1.47	1.48	1.47	1.47	1.47	1.47	1.47	1.47	1.45	1.45	1.44	1.45	1.44	1.44	1.44	1.44	1.44
180	1.50	1.50	1.50	1.50	1.49	1.49	1.49	1.49	1.49	1.49	1.46	1.47	1.47	1.46	1.47	1.47	1.46	1.46	1.46

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:yechihong
 Test Date:2019-09-06

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:120.8V I:0.1487A P:17.72W PF:0.9863 Lamp Flux:743.686x1 lm		
NAME: AAF121400L30D1SNWH	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:20190905A0002
MFR.: AFX	SUR.:0.22	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	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277
5	275	275	275	274	275	275	275	275	275	275	275	276	276	276	276	276	276	276	276
10	268	269	268	269	269	270	270	270	271	271	271	271	272	272	273	272	273	271	271
15	260	261	260	262	260	262	261	263	262	263	262	265	264	266	265	266	265	262	264
20	250	251	250	251	250	252	251	253	252	254	253	255	254	257	256	257	256	253	254
25	237	239	237	239	238	239	238	240	240	242	241	243	243	245	244	246	245	241	242
30	223	224	223	224	223	225	224	226	225	227	227	229	229	232	231	232	231	226	227
35	206	207	206	208	207	208	208	210	209	211	211	213	213	216	215	217	216	210	211
40	188	189	188	190	189	190	190	192	192	193	193	196	196	199	198	200	199	193	193
45	169	170	169	170	170	171	171	172	172	174	175	177	177	180	180	181	180	174	174
50	149	150	149	150	150	151	151	152	152	154	154	157	158	160	160	161	161	154	154
55	128	128	128	128	129	129	130	130	131	132	134	135	137	139	139	140	140	133	132
60	106	106	106	106	107	107	108	109	110	111	112	113	115	117	118	118	118	111	110
65	84.2	84.0	84.4	84.3	84.9	85.2	86.1	86.6	87.8	88.6	90.1	91.4	93.3	95.0	95.8	95.9	96.5	88.9	88.4
70	62.3	62.1	62.4	62.4	62.9	63.2	64.1	64.7	65.9	66.7	68.1	69.4	71.3	73.0	73.7	73.9	74.5	66.8	66.4
75	40.4	40.1	40.5	40.4	41.0	41.3	42.2	42.7	44.0	44.8	46.2	47.5	49.4	51.2	51.9	52.0	52.7	44.9	44.5
80	18.4	18.1	18.4	18.4	19.0	19.2	20.1	20.6	21.7	22.5	23.9	25.2	27.0	28.8	29.5	29.7	30.3	22.8	22.3
85	1.04	0.94	1.11	1.10	1.37	1.48	1.99	2.30	3.03	3.55	4.55	5.49	6.89	8.29	8.90	9.03	9.52	3.53	3.19
90	0.24	0.27	0.24	0.28	0.23	0.28	0.24	0.29	0.24	0.29	0.25	0.30	0.26	0.33	0.28	0.33	0.28	0.09	0.09
95	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.22	0.23	0.23	0.24	0.23	0.24	0.23	0.24	0.23	0.11	0.09
100	0.27	0.23	0.28	0.24	0.27	0.23	0.27	0.23	0.26	0.23	0.25	0.23	0.25	0.23	0.24	0.23	0.24	0.18	0.13
105	0.37	0.33	0.37	0.33	0.37	0.33	0.37	0.32	0.35	0.30	0.35	0.29	0.33	0.28	0.32	0.28	0.31	0.26	0.23
110	0.47	0.43	0.48	0.43	0.46	0.43	0.47	0.42	0.45	0.41	0.44	0.39	0.43	0.38	0.42	0.38	0.42	0.35	0.32
115	0.57	0.54	0.57	0.53	0.57	0.53	0.57	0.53	0.56	0.52	0.55	0.50	0.53	0.48	0.52	0.47	0.51	0.45	0.41
120	0.67	0.64	0.68	0.64	0.67	0.64	0.66	0.62	0.66	0.62	0.65	0.61	0.63	0.60	0.62	0.58	0.61	0.55	0.51
125	0.77	0.74	0.77	0.74	0.77	0.74	0.76	0.72	0.75	0.72	0.75	0.70	0.73	0.68	0.72	0.68	0.72	0.65	0.61
130	0.86	0.84	0.87	0.84	0.86	0.84	0.86	0.82	0.85	0.81	0.84	0.81	0.82	0.79	0.81	0.78	0.81	0.74	0.71
135	0.95	0.93	0.95	0.93	0.96	0.92	0.95	0.91	0.94	0.90	0.93	0.89	0.92	0.88	0.91	0.87	0.90	0.83	0.81
140	1.03	1.01	1.03	1.01	1.03	1.00	1.02	1.00	1.02	0.99	1.01	0.98	1.00	0.96	0.99	0.96	0.98	0.92	0.90
145	1.11	1.09	1.10	1.08	1.10	1.08	1.10	1.08	1.10	1.07	1.09	1.06	1.08	1.04	1.07	1.04	1.06	1.00	0.96
150	1.19	1.18	1.20	1.17	1.19	1.17	1.19	1.16	1.19	1.16	1.17	1.15	1.17	1.14	1.15	1.13	1.15	1.08	1.06
155	1.27	1.26	1.27	1.26	1.27	1.26	1.27	1.24	1.26	1.25	1.25	1.23	1.25	1.22	1.24	1.22	1.24	1.19	1.18
160	1.33	1.32	1.33	1.31	1.33	1.32	1.33	1.31	1.33	1.30	1.32	1.30	1.31	1.29	1.30	1.29	1.30	1.27	1.25
165	1.38	1.36	1.39	1.37	1.38	1.36	1.38	1.37	1.37	1.35	1.37	1.35	1.37	1.34	1.36	1.35	1.36	1.34	1.33
170	1.43	1.41	1.43	1.42	1.43	1.42	1.43	1.41	1.43	1.41	1.42	1.41	1.42	1.41	1.41	1.40	1.42	1.44	1.41
175	1.45	1.44	1.44	1.44	1.45	1.44	1.45	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.43	1.44	1.48	1.48
180	1.47	1.47	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.47	1.46	1.46	1.47	1.47	1.47	1.46	1.46	1.50	1.50

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:yechihong
 Test Date:2019-09-06

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:120.8V I:0.1487A P:17.72W PF:0.9863 Lamp Flux:743.686x1 lm		
NAME: AAF121400L30D1SNWH	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:20190905A0002
MFR.: AFX	SUR.:0.22	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	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277
5	275	275	275	275	275	275	275	275	276	276	276	276	276	276	276	276	276	276	276
10	271	271	271	271	271	271	271	271	272	271	272	272	272	272	272	272	272	272	272
15	262	264	262	264	262	264	263	264	263	265	263	265	264	265	264	266	264	266	264
20	252	254	252	254	253	254	253	255	254	255	254	256	255	256	255	257	255	257	255
25	240	242	240	242	241	242	241	243	242	243	242	244	243	245	244	245	244	245	244
30	226	227	226	228	226	228	227	229	228	229	229	230	229	231	230	231	230	231	230
35	210	211	210	211	211	212	211	213	212	214	213	214	214	215	214	216	215	216	215
40	192	193	193	194	193	194	194	195	194	196	195	197	196	198	197	198	197	198	197
45	173	174	174	175	174	175	175	176	176	177	177	178	178	179	178	179	179	180	179
50	153	154	153	154	154	155	155	156	156	157	157	158	158	159	158	159	159	160	159
55	132	132	132	132	133	133	134	134	135	136	136	137	137	138	138	138	138	139	138
60	111	110	111	111	111	111	112	112	113	113	114	114	115	115	116	116	116	116	116
65	88.6	88.3	88.7	88.5	89.1	89.2	90.0	90.2	91.1	91.4	92.2	92.5	93.3	93.4	94.0	94.0	94.5	94.3	94.6
70	66.6	66.3	66.7	66.5	67.1	67.2	68.0	68.1	69.0	69.3	70.2	70.4	71.2	71.3	72.0	71.9	72.4	72.2	72.5
75	44.7	44.4	44.8	44.6	45.3	45.4	46.1	46.3	47.2	47.5	48.3	48.6	49.3	49.4	50.1	50.0	50.5	50.2	50.5
80	22.6	22.2	22.7	22.5	23.1	23.2	24.0	24.1	25.0	25.3	26.1	26.4	27.1	27.2	27.8	27.7	28.2	28.0	28.3
85	3.34	3.10	3.39	3.24	3.67	3.69	4.25	4.35	5.01	5.18	5.81	6.02	6.56	6.64	7.15	7.09	7.48	7.34	7.59
90	0.09	0.10	0.09	0.10	0.08	0.10	0.10	0.10	0.09	0.10	0.09	0.10	0.09	0.11	0.10	0.11	0.10	0.11	0.10
95	0.11	0.10	0.12	0.09	0.12	0.10	0.11	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.10	0.10	0.10	0.10
100	0.19	0.14	0.18	0.13	0.18	0.13	0.17	0.12	0.17	0.11	0.16	0.11	0.16	0.10	0.16	0.10	0.15	0.10	0.15
105	0.27	0.23	0.26	0.23	0.26	0.23	0.26	0.20	0.24	0.19	0.24	0.19	0.23	0.19	0.23	0.18	0.23	0.18	0.23
110	0.36	0.31	0.34	0.31	0.35	0.31	0.35	0.30	0.33	0.27	0.32	0.27	0.31	0.27	0.32	0.26	0.31	0.27	0.31
115	0.46	0.41	0.44	0.40	0.44	0.40	0.43	0.38	0.42	0.38	0.41	0.38	0.41	0.37	0.40	0.35	0.39	0.36	0.40
120	0.55	0.51	0.54	0.51	0.53	0.50	0.53	0.48	0.51	0.47	0.50	0.47	0.50	0.45	0.49	0.45	0.49	0.45	0.49
125	0.64	0.61	0.64	0.60	0.64	0.60	0.63	0.57	0.60	0.56	0.60	0.55	0.59	0.55	0.59	0.55	0.58	0.55	0.58
130	0.74	0.71	0.73	0.70	0.73	0.69	0.72	0.67	0.70	0.67	0.69	0.65	0.68	0.65	0.68	0.64	0.68	0.64	0.67
135	0.83	0.81	0.82	0.80	0.82	0.79	0.82	0.76	0.79	0.75	0.78	0.75	0.77	0.75	0.77	0.73	0.77	0.74	0.76
140	0.92	0.89	0.91	0.88	0.91	0.88	0.91	0.85	0.88	0.84	0.87	0.83	0.86	0.83	0.86	0.82	0.86	0.82	0.86
145	1.00	0.96	0.99	0.96	0.98	0.96	0.99	0.93	0.96	0.92	0.95	0.91	0.95	0.91	0.93	0.91	0.94	0.90	0.94
150	1.08	1.05	1.07	1.05	1.07	1.05	1.07	1.02	1.03	1.00	1.03	1.00	1.02	1.00	1.01	0.99	1.02	0.99	1.01
155	1.19	1.16	1.17	1.15	1.17	1.15	1.17	1.11	1.13	1.10	1.12	1.10	1.13	1.10	1.12	1.09	1.12	1.10	1.12
160	1.27	1.24	1.25	1.24	1.25	1.24	1.25	1.20	1.22	1.19	1.22	1.19	1.21	1.19	1.20	1.19	1.21	1.18	1.20
165	1.34	1.32	1.33	1.31	1.33	1.31	1.32	1.26	1.28	1.25	1.27	1.26	1.27	1.26	1.28	1.26	1.28	1.25	1.27
170	1.42	1.40	1.42	1.40	1.42	1.40	1.42	1.36	1.37	1.35	1.37	1.35	1.37	1.35	1.37	1.34	1.37	1.34	1.36
175	1.48	1.46	1.47	1.47	1.48	1.47	1.47	1.43	1.43	1.42	1.44	1.43	1.44	1.42	1.43	1.42	1.44	1.41	1.43
180	1.50	1.49	1.49	1.49	1.49	1.49	1.49	1.46	1.46	1.47	1.47	1.46	1.46	1.46	1.46	1.46	1.47	1.46	1.46

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:yechihong
 Test Date:2019-09-06

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:120.8V I:0.1487A P:17.72W PF:0.9863 Lamp Flux:743.686x1 lm		
NAME: AAF121400L30D1SNWH	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:20190905A0002
MFR.: AFX	SUR.:0.22	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	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277				
5	276	276	276	276	276	276	276	275	275	275	275	274	274	274	274				
10	272	272	272	272	272	272	271	271	271	271	270	268	269	267	269				
15	266	264	266	264	265	263	264	262	263	261	262	260	261	259	261				
20	257	255	256	255	256	254	255	253	254	251	252	249	250	249	250				
25	245	244	245	243	244	242	243	241	241	239	239	237	238	236	237				
30	231	230	231	229	230	228	229	227	227	225	225	222	223	221	222				
35	216	214	215	214	214	212	213	211	211	209	208	206	206	205	206				
40	198	197	198	196	197	195	195	193	193	191	190	188	188	187	187				
45	179	178	179	177	178	176	176	174	174	172	171	168	169	167	168				
50	159	158	159	158	158	156	156	154	154	151	150	148	148	147	147				
55	139	138	138	137	136	135	134	133	132	130	128	127	126	126	125				
60	116	116	115	115	114	114	112	112	110	109	107	105	104	104	103				
65	94.1	94.1	93.4	93.2	92.1	91.6	90.3	89.6	87.9	86.8	84.6	83.2	82.2	82.2	81.4				
70	72.1	72.1	71.4	71.1	70.1	69.6	68.3	67.6	65.9	64.8	62.7	61.2	60.3	60.3	59.5				
75	50.1	50.1	49.5	49.2	48.1	47.7	46.4	45.7	44.0	42.9	40.7	39.3	38.4	38.3	37.6				
80	27.9	27.9	27.2	27.0	26.0	25.5	24.3	23.6	22.0	21.0	18.9	17.6	16.7	16.7	16.0				
85	7.25	7.30	6.73	6.60	5.78	5.47	4.43	3.99	2.84	2.17	0.97	0.40	0.18	0.18	0.17				
90	0.11	0.10	0.10	0.09	0.11	0.10	0.11	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10				
95	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.10	0.12	0.09	0.13	0.10				
100	0.10	0.15	0.10	0.16	0.11	0.16	0.12	0.17	0.13	0.18	0.13	0.19	0.15	0.19	0.16				
105	0.18	0.23	0.18	0.23	0.19	0.24	0.19	0.24	0.20	0.26	0.22	0.27	0.23	0.27	0.24				
110	0.27	0.31	0.27	0.31	0.28	0.32	0.28	0.32	0.29	0.34	0.32	0.36	0.32	0.37	0.32				
115	0.36	0.39	0.36	0.40	0.37	0.41	0.38	0.41	0.38	0.43	0.40	0.45	0.41	0.45	0.42				
120	0.46	0.49	0.46	0.50	0.46	0.51	0.47	0.52	0.48	0.52	0.50	0.55	0.51	0.55	0.51				
125	0.55	0.58	0.55	0.59	0.56	0.60	0.57	0.60	0.58	0.62	0.60	0.63	0.60	0.65	0.61				
130	0.65	0.68	0.64	0.68	0.66	0.69	0.68	0.70	0.68	0.72	0.68	0.72	0.69	0.73	0.69				
135	0.73	0.77	0.74	0.77	0.75	0.78	0.75	0.79	0.76	0.80	0.77	0.81	0.79	0.82	0.79				
140	0.83	0.85	0.82	0.86	0.84	0.86	0.84	0.87	0.85	0.88	0.87	0.90	0.89	0.90	0.88				
145	0.91	0.94	0.91	0.94	0.92	0.94	0.93	0.95	0.93	0.96	0.94	0.97	0.95	0.97	0.96				
150	1.00	1.02	1.00	1.03	1.01	1.03	1.02	1.04	1.02	1.05	1.03	1.06	1.04	1.05	1.03				
155	1.10	1.12	1.10	1.13	1.11	1.13	1.12	1.13	1.12	1.14	1.12	1.15	1.13	1.16	1.14				
160	1.19	1.21	1.19	1.21	1.19	1.21	1.19	1.22	1.20	1.23	1.21	1.23	1.21	1.23	1.22				
165	1.25	1.27	1.26	1.28	1.26	1.28	1.26	1.28	1.26	1.29	1.27	1.29	1.27	1.29	1.28				
170	1.34	1.37	1.35	1.37	1.35	1.36	1.36	1.36	1.35	1.37	1.36	1.38	1.36	1.38	1.36				
175	1.42	1.44	1.43	1.44	1.43	1.43	1.42	1.44	1.42	1.44	1.43	1.44	1.43	1.44	1.43				
180	1.46	1.47	1.47	1.47	1.46	1.46	1.46	1.46	1.47	1.47	1.46	1.47	1.47	1.47	1.47				

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:yechihong
 Test Date:2019-09-06

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	277.2	277.2	277.1	277.1	277.0	277.0	276.9	276.8	276.8	276.8
2.5	276.8	276.8	276.7	276.7	276.6	276.6	276.5	276.4	276.3	276.3
5.0	275.7	275.7	275.6	275.6	275.5	275.5	275.3	275.3	275.1	275.0
7.5	273.8	273.9	273.8	273.8	273.6	273.6	273.4	273.4	273.1	273.1
10.0	271.2	271.4	271.2	271.4	271.1	271.2	270.9	271.0	270.5	270.7
12.5	268.0	266.4	268.0	266.4	267.8	266.1	267.5	265.8	267.2	265.4
15.0	264.1	262.6	264.0	262.5	264.0	262.3	263.6	261.9	263.2	261.5
17.5	259.5	258.1	259.5	258.0	259.4	257.7	259.0	257.4	258.6	256.9
20.0	254.3	253.0	254.4	252.9	254.2	252.6	253.8	252.2	253.4	251.7
22.5	248.6	247.2	248.6	247.2	248.4	246.9	248.1	246.5	247.5	245.8
25.0	242.3	241.0	242.2	240.9	242.1	240.6	241.7	240.2	241.1	239.5
27.5	235.4	234.1	235.4	234.1	235.3	233.8	234.9	233.3	234.3	232.6
30.0	228.0	226.8	228.0	226.8	228.0	226.5	227.5	226.0	226.8	225.2
32.5	220.2	219.0	220.3	219.0	220.1	218.8	219.7	218.2	218.9	217.4
35.0	212.0	210.8	212.0	210.8	211.8	210.6	211.4	210.0	210.7	209.2
37.5	203.3	202.2	203.4	202.2	203.2	202.0	202.8	201.4	202.0	200.5
40.0	194.2	193.3	194.3	193.3	194.2	193.0	193.7	192.4	192.9	191.5
42.5	184.8	184.0	184.9	184.0	184.8	183.7	184.4	183.1	183.5	182.2
45.0	175.1	174.3	175.3	174.3	175.1	174.1	174.6	173.4	173.8	172.5
47.5	165.2	164.5	165.3	164.5	165.2	164.2	164.7	163.5	163.9	162.6
50.0	154.9	154.3	155.2	154.3	154.9	154.1	154.5	153.4	153.6	152.5
52.5	144.5	143.9	144.7	144.0	144.5	143.7	144.1	143.0	143.2	142.1
55.0	133.2	133.3	133.5	133.4	133.3	133.1	132.9	132.4	131.6	131.5
57.5	122.2	122.6	122.4	122.7	122.3	122.4	121.8	121.7	121.0	120.8
60.0	111.4	111.7	111.6	111.8	111.5	111.6	111.0	110.9	110.1	110.0
62.5	100.3	100.8	100.6	100.8	100.5	100.6	100.0	99.94	99.17	99.03
65.0	89.35	89.76	89.62	89.84	89.48	89.62	89.03	88.95	88.20	88.04
67.5	78.34	78.73	78.54	78.79	78.46	78.57	78.03	77.92	77.18	77.03
70.0	67.35	67.77	67.62	67.86	67.52	67.65	67.10	66.99	66.26	66.09
72.5	56.42	56.80	56.70	56.93	56.58	56.73	56.17	56.09	55.34	55.22
75.0	45.50	45.92	45.80	46.08	45.68	45.84	45.28	45.20	44.40	44.29
77.5	34.32	34.75	34.63	34.90	34.51	34.68	34.11	34.05	33.29	33.10
80.0	23.40	23.81	23.66	23.91	23.58	23.76	23.19	23.12	22.35	22.22
82.5	13.03	13.39	13.28	13.52	13.21	13.33	12.83	12.74	12.08	11.91
85.0	3.986	4.300	4.218	4.396	4.149	4.271	3.872	3.818	3.288	3.175
87.5	0.3579	0.3209	0.3670	0.3166	0.3623	0.3167	0.3534	0.3120	0.3490	0.3073
90.0	0.2899	0.2444	0.2902	0.2489	0.2944	0.2490	0.2943	0.2397	0.2899	0.2354
92.5	0.2490	0.2173	0.2493	0.2218	0.2537	0.2218	0.2535	0.2218	0.2447	0.2218
95.0	0.2264	0.2173	0.2263	0.2218	0.2309	0.2218	0.2264	0.2218	0.2264	0.2218
97.5	0.2173	0.2220	0.2218	0.2264	0.2218	0.2265	0.2218	0.2264	0.2263	0.2354
100.0	0.2173	0.2490	0.2218	0.2536	0.2262	0.2536	0.2218	0.2490	0.2263	0.2537
102.5	0.2442	0.2854	0.2445	0.2898	0.2443	0.2943	0.2490	0.2943	0.2535	0.2988
105.0	0.2983	0.3398	0.2987	0.3398	0.3073	0.3398	0.2987	0.3399	0.3033	0.3531
107.5	0.3440	0.3848	0.3484	0.3895	0.3484	0.3895	0.3531	0.3896	0.3574	0.3987
110.0	0.3938	0.4348	0.3938	0.4349	0.3982	0.4396	0.4029	0.4392	0.4162	0.4530
112.5	0.4610	0.4891	0.4525	0.4891	0.4568	0.4937	0.4572	0.4937	0.4572	0.5028
115.0	0.5069	0.5390	0.5024	0.5433	0.5115	0.5433	0.5109	0.5390	0.5249	0.5569
117.5	0.5566	0.5932	0.5565	0.5931	0.5565	0.5885	0.5609	0.5885	0.5654	0.5978
120.0	0.6020	0.6475	0.6066	0.6474	0.6111	0.6432	0.6066	0.6429	0.6110	0.6521
122.5	0.6607	0.6972	0.6607	0.6972	0.6653	0.6972	0.6700	0.6928	0.6653	0.7017
125.0	0.7062	0.7470	0.7150	0.7472	0.7149	0.7429	0.7152	0.7472	0.7237	0.7517
127.5	0.7602	0.7922	0.7605	0.8013	0.7603	0.7878	0.7604	0.7922	0.7737	0.8059
130.0	0.8191	0.8421	0.8148	0.8511	0.8144	0.8420	0.8193	0.8378	0.8239	0.8558
132.5	0.8600	0.8920	0.8646	0.8918	0.8556	0.8828	0.8599	0.8919	0.8646	0.8920
135.0	0.9006	0.9371	0.9007	0.9371	0.9053	0.9280	0.9050	0.9325	0.9097	0.9416
137.5	0.9504	0.9781	0.9461	0.9737	0.9459	0.9689	0.9596	0.9779	0.9596	0.9869
140.0	0.9913	1.019	0.9913	1.019	0.9914	1.010	0.9869	1.014	0.9958	1.019
142.5	1.032	1.055	1.032	1.055	1.032	1.050	1.032	1.055	1.037	1.064
145.0	1.068	1.091	1.068	1.091	1.064	1.091	1.064	1.091	1.077	1.096
147.5	1.109	1.132	1.118	1.136	1.113	1.132	1.118	1.127	1.118	1.145
150.0	1.159	1.168	1.150	1.173	1.154	1.168	1.154	1.177	1.163	1.186
152.5	1.191	1.218	1.190	1.222	1.199	1.213	1.191	1.213	1.200	1.222
155.0	1.240	1.258	1.240	1.259	1.240	1.254	1.240	1.254	1.240	1.268
157.5	1.272	1.281	1.276	1.290	1.272	1.290	1.267	1.286	1.272	1.295
160.0	1.304	1.322	1.317	1.331	1.308	1.322	1.308	1.322	1.317	1.331
162.5	1.344	1.363	1.344	1.367	1.349	1.358	1.349	1.363	1.349	1.372
165.0	1.372	1.385	1.381	1.394	1.376	1.381	1.367	1.381	1.372	1.394
167.5	1.403	1.417	1.408	1.422	1.403	1.412	1.403	1.417	1.412	1.417
170.0	1.430	1.444	1.430	1.444	1.430	1.444	1.430	1.440	1.430	1.444
172.5	1.462	1.458	1.467	1.467	1.453	1.458	1.457	1.462	1.453	1.462
175.0	1.471	1.467	1.471	1.476	1.467	1.471	1.467	1.471	1.467	1.467
177.5	1.485	1.485	1.485	1.489	1.471	1.489	1.471	1.480	1.471	1.480
180.0	1.503	1.503	1.503	1.503	1.494	1.494	1.489	1.489	1.489	1.489

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: yechihong
 Test Date: 2019-09-06

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	276.8	276.7	276.8	276.8	276.8	276.8	276.8	276.8	276.9	276.8
2.5	276.2	276.2	276.1	276.1	276.1	276.0	276.0	276.0	276.0	276.0
5.0	274.9	274.8	274.7	274.8	274.6	274.6	274.5	274.6	274.5	274.5
7.5	272.9	272.9	272.7	272.7	272.5	272.5	272.3	272.4	272.3	272.4
10.0	270.2	269.7	270.0	269.4	269.6	269.5	269.4	268.5	269.3	268.4
12.5	266.8	265.0	266.5	264.7	266.1	264.4	265.9	264.3	265.8	264.2
15.0	262.7	261.0	262.4	260.6	261.9	260.3	261.7	260.1	261.6	260.0
17.5	258.1	256.3	257.7	255.9	257.1	255.5	256.8	255.3	256.7	255.2
20.0	252.8	251.1	252.3	250.5	251.7	250.1	251.4	249.9	251.2	249.7
22.5	246.9	245.2	246.3	244.6	245.7	244.2	245.3	243.9	245.2	243.7
25.0	240.4	238.8	239.8	238.2	239.2	237.7	238.8	237.4	238.5	237.2
27.5	233.5	231.9	232.8	231.2	232.2	230.7	231.7	230.3	231.5	230.1
30.0	226.1	224.4	225.3	223.7	224.6	223.2	224.1	222.8	223.9	222.6
32.5	218.1	216.6	217.3	215.8	216.7	215.2	216.1	214.8	215.8	214.6
35.0	209.9	208.3	209.0	207.5	208.3	206.9	207.7	206.4	207.4	206.2
37.5	201.1	199.6	200.2	198.8	199.5	198.1	198.9	197.7	198.6	197.5
40.0	192.0	190.6	191.2	189.7	190.3	189.0	189.7	188.6	189.4	188.3
42.5	182.6	181.2	181.7	180.3	180.8	179.6	180.2	179.1	179.9	178.9
45.0	172.9	171.5	171.9	170.6	171.1	169.9	170.5	169.4	170.1	169.2
47.5	162.9	161.6	162.0	160.6	161.1	159.9	160.5	159.4	160.1	159.2
50.0	152.7	151.4	151.7	150.5	150.8	149.7	150.1	149.2	149.8	148.9
52.5	142.3	141.0	141.2	140.1	140.4	139.3	139.6	138.8	139.2	138.5
55.0	130.7	130.4	129.6	129.4	128.7	128.7	128.0	128.1	127.7	127.9
57.5	119.9	119.7	118.9	118.7	118.0	117.9	117.3	117.4	116.9	117.1
60.0	109.1	108.9	108.1	107.9	107.2	107.1	106.5	106.6	106.1	106.3
62.5	98.14	97.90	97.10	96.91	96.19	96.09	95.49	95.57	95.07	95.25
65.0	87.16	86.89	86.14	85.88	85.18	85.11	84.49	84.57	84.15	84.24
67.5	76.14	75.92	75.12	74.90	74.18	74.11	73.51	73.57	73.11	73.28
70.0	65.24	65.01	64.22	63.96	63.27	63.17	62.65	62.20	62.32	62.33
72.5	54.35	54.12	53.32	53.11	52.41	52.32	51.74	51.78	51.33	51.48
75.0	43.41	43.15	42.33	42.11	41.36	41.25	40.67	40.72	40.21	40.41
77.5	32.26	31.97	31.19	30.96	30.20	30.10	29.48	29.50	29.03	29.21
80.0	21.38	21.11	20.30	20.09	19.41	19.29	18.69	18.77	18.27	18.41
82.5	11.15	10.92	10.21	10.01	9.373	9.282	8.758	8.802	8.399	8.552
85.0	2.620	2.466	1.980	1.858	1.483	1.454	1.143	1.182	0.9794	1.044
87.5	0.3533	0.3028	0.3398	0.3027	0.3261	0.2851	0.3260	0.2759	0.3259	0.2803
90.0	0.2854	0.2396	0.2809	0.2400	0.2717	0.2398	0.2761	0.2308	0.2673	0.2354
92.5	0.2445	0.2263	0.2447	0.2218	0.2445	0.2263	0.2400	0.2263	0.2312	0.2309
95.0	0.2309	0.2263	0.2265	0.2219	0.2309	0.2263	0.2263	0.2263	0.2218	0.2309
97.5	0.2263	0.2399	0.2263	0.2355	0.2263	0.2444	0.2263	0.2401	0.2218	0.2489
100.0	0.2309	0.2671	0.2354	0.2719	0.2354	0.2718	0.2307	0.2718	0.2263	0.2719
102.5	0.2625	0.3079	0.2668	0.3126	0.2671	0.3214	0.2759	0.3170	0.2804	0.3259
105.0	0.3167	0.3623	0.3259	0.3576	0.3211	0.3671	0.3256	0.3715	0.3259	0.3714
107.5	0.3663	0.4077	0.3755	0.4075	0.3801	0.4167	0.3757	0.4211	0.3800	0.4214
110.0	0.4119	0.4575	0.4254	0.4664	0.4255	0.4708	0.4255	0.4665	0.4298	0.4709
112.5	0.4660	0.5116	0.4705	0.5119	0.4750	0.5207	0.4796	0.5163	0.4753	0.5207
115.0	0.5250	0.5659	0.5296	0.5704	0.5296	0.5661	0.5294	0.5660	0.5250	0.5705
117.5	0.5791	0.6112	0.5748	0.6159	0.5928	0.6158	0.5880	0.6203	0.5882	0.6204
120.0	0.6247	0.6655	0.6292	0.6656	0.6334	0.6701	0.6337	0.6611	0.6383	0.6745
122.5	0.6789	0.7153	0.6789	0.7155	0.6790	0.7198	0.6789	0.7200	0.6835	0.7244
125.0	0.7288	0.7563	0.7375	0.7696	0.7376	0.7652	0.7374	0.7698	0.7377	0.7697
127.5	0.7785	0.8105	0.7831	0.8106	0.7786	0.8104	0.7785	0.8104	0.7831	0.8152
130.0	0.8329	0.8559	0.8282	0.8648	0.8238	0.8604	0.8328	0.8647	0.8374	0.8603
132.5	0.8780	0.9009	0.8827	0.9101	0.8827	0.9055	0.8870	0.9056	0.8782	0.9100
135.0	0.9144	0.9508	0.9234	0.9463	0.9228	0.9464	0.9188	0.9552	0.9278	0.9464
137.5	0.9597	0.9871	0.9596	0.9871	0.9640	0.9913	0.9597	0.9914	0.9642	0.9914
140.0	1.009	1.028	1.005	1.032	1.005	1.028	1.005	1.028	1.005	1.032
142.5	1.041	1.064	1.046	1.073	1.046	1.059	1.037	1.073	1.041	1.073
145.0	1.082	1.109	1.086	1.109	1.082	1.100	1.077	1.100	1.082	1.109
147.5	1.127	1.150	1.127	1.150	1.122	1.141	1.127	1.145	1.127	1.145
150.0	1.172	1.191	1.181	1.186	1.177	1.182	1.177	1.186	1.177	1.191
152.5	1.204	1.232	1.213	1.227	1.208	1.222	1.200	1.227	1.204	1.223
155.0	1.249	1.272	1.254	1.268	1.245	1.259	1.249	1.263	1.249	1.268
157.5	1.281	1.304	1.277	1.304	1.281	1.295	1.277	1.295	1.276	1.299
160.0	1.322	1.335	1.322	1.331	1.326	1.331	1.327	1.327	1.313	1.331
162.5	1.349	1.367	1.354	1.363	1.349	1.363	1.344	1.358	1.344	1.363
165.0	1.372	1.381	1.367	1.381	1.363	1.372	1.367	1.376	1.358	1.381
167.5	1.394	1.412	1.403	1.408	1.394	1.399	1.390	1.399	1.390	1.408
170.0	1.421	1.430	1.417	1.431	1.417	1.421	1.412	1.426	1.412	1.426
172.5	1.439	1.453	1.435	1.444	1.426	1.444	1.430	1.440	1.430	1.444
175.0	1.449	1.453	1.444	1.453	1.440	1.444	1.440	1.444	1.440	1.449
177.5	1.458	1.458	1.453	1.462	1.458	1.449	1.444	1.449	1.449	1.453
180.0	1.462	1.471	1.467	1.462	1.471	1.467	1.458	1.462	1.462	1.467

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: yechihong
 Test Date: 2019-09-06

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	276.8	276.9	276.8	276.9	276.8	276.9	276.9	276.9	276.9	276.9
2.5	276.1	276.1	276.1	276.1	276.2	276.2	276.3	276.4	276.4	276.6
5.0	274.5	274.6	274.5	274.7	274.7	274.9	274.9	275.2	275.2	275.5
7.5	272.3	272.5	272.3	272.6	272.6	272.9	272.9	273.2	273.3	273.7
10.0	269.3	268.5	269.4	269.3	269.7	269.6	270.2	270.7	270.7	271.2
12.5	265.8	264.2	265.9	264.4	266.2	264.9	266.7	265.5	267.4	266.3
15.0	261.5	260.0	261.6	260.3	262.0	260.8	262.7	261.5	263.5	262.4
17.5	256.7	255.2	256.8	255.5	257.2	256.1	258.0	256.9	258.9	258.0
20.0	251.2	249.8	251.3	250.1	251.8	250.8	252.6	251.7	253.7	252.9
22.5	245.1	243.8	245.3	244.2	245.9	244.9	246.7	245.9	247.9	247.2
25.0	238.5	237.3	238.8	237.7	239.3	238.4	240.2	239.5	241.5	241.0
27.5	231.4	230.2	231.7	230.7	232.3	231.5	233.3	232.6	234.7	234.2
30.0	223.8	222.7	224.1	223.2	224.7	224.0	225.8	225.3	227.2	226.9
32.5	215.8	214.7	216.1	215.2	216.7	216.1	217.8	217.5	219.4	219.2
35.0	207.4	206.3	207.6	206.8	208.3	207.8	209.5	209.2	211.1	210.9
37.5	198.5	197.6	198.8	198.1	199.6	199.1	200.8	200.5	202.5	202.4
40.0	189.3	188.5	189.6	188.9	190.3	190.0	191.7	191.5	193.4	193.4
42.5	179.8	179.0	180.2	179.5	180.9	180.6	182.2	182.2	184.0	184.1
45.0	170.0	169.3	170.4	169.8	171.1	170.9	172.5	172.5	174.3	174.5
47.5	160.0	159.2	160.3	159.8	161.1	160.9	162.5	162.5	164.4	164.7
50.0	149.7	149.0	150.0	149.6	150.8	150.7	152.2	152.4	154.2	154.5
52.5	139.2	138.6	139.5	139.2	140.3	140.3	141.8	142.0	143.7	144.2
55.0	127.6	128.0	127.9	128.5	128.8	129.6	130.2	131.4	132.1	133.6
57.5	116.8	117.2	117.1	117.7	118.0	118.9	119.5	120.6	121.5	122.8
60.0	106.0	106.4	106.3	106.9	107.2	108.1	108.6	109.8	110.6	112.1
62.5	94.96	95.34	95.31	95.90	96.16	97.07	97.63	98.85	99.60	101.1
65.0	84.01	84.36	84.31	84.93	85.16	86.10	86.63	87.80	88.62	90.10
67.5	72.96	73.36	73.31	73.93	74.16	75.09	75.63	76.78	77.61	79.07
70.0	62.07	62.41	62.42	62.95	63.23	64.15	64.69	65.89	66.68	68.11
72.5	51.21	51.55	51.52	52.11	52.36	53.24	53.79	54.92	55.71	57.18
75.0	40.07	40.47	40.42	41.01	41.26	42.24	42.72	43.96	44.76	46.23
77.5	28.88	29.23	29.19	29.82	30.05	30.94	31.45	32.65	33.45	34.94
80.0	18.11	18.44	18.42	18.98	19.20	20.08	20.59	21.73	22.51	23.95
82.5	8.301	8.625	8.592	9.076	9.294	10.10	10.52	11.52	12.26	13.56
85.0	0.9393	1.105	1.098	1.373	1.483	1.988	2.301	3.029	3.548	4.551
87.5	0.3261	0.2806	0.3262	0.2851	0.3355	0.3032	0.3488	0.3122	0.3580	0.3208
90.0	0.2675	0.2352	0.2762	0.2309	0.2762	0.2398	0.2855	0.2441	0.2899	0.2487
92.5	0.2357	0.2263	0.2400	0.2263	0.2401	0.2263	0.2491	0.2218	0.2536	0.2263
95.0	0.2309	0.2265	0.2309	0.2309	0.2309	0.2263	0.2263	0.2218	0.2263	0.2263
97.5	0.2263	0.2401	0.2263	0.2399	0.2263	0.2354	0.2218	0.2355	0.2263	0.2309
100.0	0.2309	0.2762	0.2353	0.2717	0.2309	0.2673	0.2263	0.2584	0.2309	0.2536
102.5	0.2760	0.3218	0.2761	0.3216	0.2758	0.3170	0.2669	0.3035	0.2575	0.2988
105.0	0.3257	0.3713	0.3301	0.3669	0.3257	0.3667	0.3166	0.3536	0.3032	0.3488
107.5	0.3892	0.4256	0.3757	0.4166	0.3847	0.4124	0.3797	0.4074	0.3574	0.3985
110.0	0.4344	0.4754	0.4346	0.4622	0.4255	0.4666	0.4205	0.4527	0.4117	0.4440
112.5	0.4886	0.5206	0.4797	0.5165	0.4797	0.5118	0.4704	0.5029	0.4616	0.5025
115.0	0.5384	0.5710	0.5296	0.5663	0.5339	0.5706	0.5250	0.5572	0.5202	0.5479
117.5	0.5839	0.6293	0.6018	0.6161	0.5836	0.6202	0.5749	0.6069	0.5657	0.5977
120.0	0.6424	0.6790	0.6380	0.6702	0.6381	0.6614	0.6246	0.6610	0.6199	0.6520
122.5	0.6881	0.7289	0.6880	0.7200	0.6833	0.7156	0.6835	0.7062	0.6788	0.6973
125.0	0.7421	0.7699	0.7378	0.7696	0.7420	0.7606	0.7243	0.7518	0.7152	0.7470
127.5	0.7876	0.8195	0.7873	0.8194	0.7786	0.8105	0.7738	0.8014	0.7692	0.7923
130.0	0.8417	0.8739	0.8374	0.8601	0.8373	0.8646	0.8237	0.8513	0.8103	0.8421
132.5	0.8872	0.9144	0.8826	0.9099	0.8826	0.9055	0.8732	0.9009	0.8599	0.8874
135.0	0.9280	0.9507	0.9280	0.9554	0.9188	0.9507	0.9144	0.9372	0.9008	0.9326
137.5	0.9730	0.9960	0.9686	0.9915	0.9641	0.9915	0.9596	0.9783	0.9504	0.9734
140.0	1.009	1.033	1.014	1.028	1.005	1.023	1.000	1.019	0.9910	1.014
142.5	1.046	1.073	1.046	1.068	1.046	1.068	1.037	1.059	1.028	1.055
145.0	1.086	1.105	1.082	1.101	1.077	1.100	1.077	1.100	1.068	1.087
147.5	1.127	1.154	1.131	1.145	1.127	1.145	1.122	1.141	1.109	1.136
150.0	1.177	1.195	1.172	1.191	1.168	1.191	1.163	1.186	1.159	1.173
152.5	1.209	1.231	1.209	1.222	1.209	1.222	1.200	1.218	1.195	1.213
155.0	1.263	1.268	1.258	1.268	1.258	1.268	1.245	1.263	1.249	1.254
157.5	1.281	1.304	1.286	1.295	1.281	1.295	1.281	1.295	1.272	1.286
160.0	1.317	1.331	1.313	1.331	1.317	1.326	1.313	1.326	1.304	1.318
162.5	1.349	1.358	1.344	1.367	1.344	1.358	1.344	1.354	1.331	1.354
165.0	1.363	1.385	1.367	1.376	1.363	1.381	1.367	1.367	1.354	1.367
167.5	1.394	1.403	1.398	1.403	1.398	1.408	1.389	1.399	1.389	1.390
170.0	1.412	1.431	1.417	1.430	1.417	1.426	1.412	1.426	1.412	1.422
172.5	1.435	1.449	1.435	1.444	1.435	1.449	1.430	1.444	1.426	1.444
175.0	1.440	1.444	1.440	1.453	1.444	1.449	1.440	1.444	1.440	1.444
177.5	1.449	1.458	1.449	1.458	1.462	1.458	1.453	1.453	1.449	1.453
180.0	1.467	1.462	1.462	1.458	1.462	1.462	1.458	1.458	1.467	1.462

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: yechihong
 Test Date: 2019-09-06

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	276.9	276.8	276.8	276.7	276.6	276.6	277.2	277.2	277.1	277.1
2.5	276.7	276.7	276.8	276.8	276.7	276.7	276.8	276.7	276.7	276.6
5.0	275.6	275.8	276.0	276.1	276.1	276.1	275.6	275.5	275.5	275.4
7.5	273.9	274.3	274.5	274.7	274.7	274.8	273.8	273.7	273.6	273.5
10.0	271.5	272.0	272.3	272.6	272.5	272.7	271.3	271.0	271.2	270.9
12.5	268.4	267.5	269.4	269.3	269.7	269.5	266.2	267.7	266.1	267.6
15.0	264.6	263.7	265.9	264.5	266.2	264.8	262.3	263.8	262.2	263.7
17.5	260.1	259.3	261.6	260.4	262.0	260.7	257.8	259.2	257.6	259.1
20.0	255.1	254.5	256.8	255.6	257.3	256.0	252.6	254.0	252.5	253.8
22.5	249.4	249.0	251.4	250.3	251.8	250.7	246.9	248.1	246.7	248.1
25.0	243.2	242.9	245.4	244.3	245.9	244.7	240.6	241.8	240.4	241.7
27.5	236.4	236.3	238.8	237.8	239.4	238.3	233.7	234.9	233.5	234.8
30.0	229.2	229.1	231.7	230.8	232.3	231.3	226.4	227.5	226.2	227.4
32.5	221.5	221.5	224.1	223.3	224.8	223.8	218.6	219.7	218.4	219.6
35.0	213.3	213.4	216.1	215.3	216.8	215.9	210.3	211.4	210.1	211.3
37.5	204.7	205.0	207.7	207.0	208.4	207.6	201.7	202.7	201.5	202.5
40.0	195.8	196.1	198.8	198.2	199.6	198.8	192.7	193.5	192.4	193.4
42.5	186.4	186.9	189.5	189.0	190.4	189.7	183.3	184.1	183.1	184.0
45.0	176.8	177.4	180.0	179.6	180.8	180.3	173.7	174.4	173.4	174.3
47.5	167.0	167.6	170.2	169.9	171.1	170.5	163.7	164.4	163.5	164.4
50.0	156.8	157.6	160.2	159.8	161.0	160.6	153.5	154.1	153.3	154.1
52.5	146.3	147.2	149.8	149.6	150.7	150.4	143.1	143.7	142.9	143.5
55.0	135.2	136.7	139.3	139.1	140.2	139.8	132.5	131.9	132.3	132.0
57.5	124.1	126.0	127.7	128.4	128.6	129.2	121.8	121.4	121.5	121.2
60.0	113.3	115.3	116.9	117.7	117.8	118.5	110.9	110.5	110.6	110.3
62.5	102.4	104.3	106.0	106.8	106.9	107.5	99.89	99.47	99.67	99.35
65.0	91.45	93.29	95.00	95.77	95.92	96.54	88.41	88.87	88.41	88.29
67.5	80.34	82.25	83.98	84.75	84.89	85.49	77.86	77.38	77.57	77.24
70.0	69.41	71.26	72.99	73.71	73.89	74.47	66.85	66.38	66.61	66.28
72.5	58.46	60.29	62.01	62.75	62.93	63.49	55.92	55.41	55.66	55.30
75.0	47.55	49.42	51.15	51.87	52.04	52.65	44.92	44.45	44.69	44.40
77.5	36.25	38.14	39.95	40.67	40.88	41.46	33.70	33.28	33.47	33.20
80.0	25.20	27.02	28.78	29.54	29.69	30.33	22.80	22.31	22.56	22.24
82.5	14.74	16.43	18.05	18.75	18.91	19.51	12.43	12.00	12.20	11.92
85.0	5.486	6.888	8.290	8.897	9.031	9.521	3.531	3.185	3.343	3.098
87.5	0.3849	0.4071	0.8840	1.179	1.253	1.521	0.0860	0.1132	0.0905	0.1178
90.0	0.2989	0.2624	0.3260	0.2758	0.3263	0.2850	0.0860	0.0906	0.0905	0.0996
92.5	0.2626	0.2263	0.2717	0.2307	0.2718	0.2353	0.0906	0.0905	0.0952	0.0951
95.0	0.2354	0.2263	0.2445	0.2263	0.2445	0.2263	0.1133	0.0905	0.1132	0.0951
97.5	0.2263	0.2310	0.2309	0.2263	0.2309	0.2265	0.1404	0.0950	0.1451	0.0994
100.0	0.2263	0.2490	0.2263	0.2399	0.2263	0.2400	0.1769	0.1265	0.1856	0.1356
102.5	0.2399	0.2853	0.2263	0.2671	0.2263	0.2672	0.2218	0.1811	0.2177	0.1719
105.0	0.2941	0.3305	0.2760	0.3170	0.2804	0.3125	0.2628	0.2305	0.2673	0.2261
107.5	0.3436	0.3804	0.3259	0.3670	0.3214	0.3668	0.3079	0.2666	0.3082	0.2624
110.0	0.3937	0.4260	0.3803	0.4165	0.3802	0.4167	0.3532	0.3211	0.3622	0.3078
112.5	0.4570	0.4800	0.4254	0.4710	0.4252	0.4620	0.3986	0.3621	0.4030	0.3576
115.0	0.4978	0.5251	0.4839	0.5163	0.4707	0.5117	0.4483	0.4074	0.4572	0.4073
117.5	0.5477	0.5840	0.5295	0.5663	0.5296	0.5618	0.4938	0.4663	0.5026	0.4572
120.0	0.6064	0.6339	0.5970	0.6204	0.5835	0.6113	0.5478	0.5070	0.5525	0.5115
122.5	0.6605	0.6795	0.6382	0.6745	0.6333	0.6568	0.5933	0.5567	0.6022	0.5521
125.0	0.7016	0.7289	0.6836	0.7243	0.6789	0.7154	0.6474	0.6110	0.6432	0.6066
127.5	0.7513	0.7789	0.7466	0.7655	0.7329	0.7653	0.6973	0.6607	0.6972	0.6564
130.0	0.8102	0.8240	0.7875	0.8150	0.7831	0.8105	0.7427	0.7104	0.7424	0.7060
132.5	0.8553	0.8737	0.8329	0.8604	0.8239	0.8601	0.7878	0.7560	0.7878	0.7469
135.0	0.8918	0.9190	0.8825	0.9054	0.8733	0.9010	0.8330	0.8102	0.8330	0.8054
137.5	0.9414	0.9598	0.9276	0.9420	0.9186	0.9417	0.8782	0.8420	0.8783	0.8374
140.0	0.9777	1.001	0.9641	0.9871	0.9641	0.9779	0.9190	0.9008	0.9237	0.8871
142.5	1.023	1.032	1.005	1.032	1.005	1.019	0.9553	0.9280	0.9643	0.9234
145.0	1.059	1.082	1.041	1.068	1.041	1.064	1.001	0.9642	0.9961	0.9640
147.5	1.104	1.123	1.086	1.109	1.086	1.105	1.041	1.014	1.037	1.005
150.0	1.145	1.168	1.136	1.154	1.131	1.150	1.082	1.063	1.078	1.055
152.5	1.195	1.204	1.177	1.195	1.177	1.191	1.136	1.109	1.136	1.105
155.0	1.231	1.254	1.218	1.240	1.217	1.236	1.186	1.177	1.186	1.158
157.5	1.263	1.277	1.254	1.272	1.249	1.263	1.227	1.213	1.231	1.200
160.0	1.303	1.308	1.295	1.299	1.285	1.304	1.268	1.249	1.268	1.244
162.5	1.326	1.349	1.326	1.331	1.322	1.335	1.308	1.290	1.308	1.272
165.0	1.354	1.367	1.344	1.358	1.349	1.358	1.340	1.326	1.340	1.317
167.5	1.390	1.399	1.376	1.390	1.372	1.394	1.385	1.372	1.385	1.353
170.0	1.412	1.417	1.408	1.408	1.399	1.417	1.435	1.408	1.422	1.403
172.5	1.426	1.440	1.421	1.440	1.417	1.439	1.467	1.462	1.462	1.439
175.0	1.435	1.444	1.435	1.440	1.426	1.440	1.476	1.476	1.476	1.462
177.5	1.453	1.453	1.444	1.453	1.444	1.453	1.498	1.489	1.494	1.480
180.0	1.462	1.471	1.467	1.467	1.458	1.458	1.498	1.503	1.498	1.494

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: yechihong
 Test Date: 2019-09-06

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	277.0	277.0	276.9	276.8	276.8	276.8	276.8	276.7	276.8	276.8
2.5	276.5	276.5	276.5	276.4	276.5	276.5	276.5	276.5	276.7	276.6
5.0	275.4	275.4	275.4	275.4	275.4	275.5	275.6	275.6	275.7	275.8
7.5	273.6	273.5	273.6	273.5	273.7	273.7	273.8	273.9	274.1	274.1
10.0	271.1	270.9	271.2	271.0	271.3	271.2	271.5	271.4	271.8	271.8
12.5	266.1	267.6	266.1	267.8	266.4	268.1	266.7	268.4	267.0	268.8
15.0	262.2	263.7	262.3	263.8	262.5	264.2	262.9	264.6	263.4	265.2
17.5	257.6	259.1	257.7	259.4	258.1	259.8	258.5	260.3	259.1	260.8
20.0	252.5	253.9	252.6	254.2	253.0	254.7	253.5	255.3	254.1	255.9
22.5	246.8	248.2	246.9	248.5	247.4	249.0	247.9	249.7	248.6	250.3
25.0	240.4	241.8	240.6	242.2	241.1	242.7	241.7	243.4	242.5	244.1
27.5	233.6	234.9	233.8	235.3	234.4	235.9	235.0	236.7	235.8	237.4
30.0	226.3	227.5	226.5	228.0	227.1	228.6	227.8	229.5	228.6	230.3
32.5	218.5	219.7	218.7	220.2	219.4	220.9	220.1	221.7	221.0	222.6
35.0	210.2	211.4	210.5	211.9	211.2	212.6	212.0	213.5	212.8	214.4
37.5	201.5	202.7	201.9	203.2	202.6	204.0	203.4	204.9	204.3	205.9
40.0	192.6	193.6	192.9	194.2	193.6	195.0	194.4	195.9	195.4	196.9
42.5	183.2	184.2	183.6	184.8	184.3	185.6	185.2	186.6	186.2	187.6
45.0	173.6	174.5	173.9	175.1	174.7	175.9	175.6	177.0	176.6	178.1
47.5	163.6	164.5	164.0	165.1	164.8	166.0	165.8	167.0	166.8	168.2
50.0	153.4	154.3	153.8	154.8	154.6	155.8	155.6	156.9	156.7	158.0
52.5	143.0	143.8	143.4	144.4	144.2	145.4	145.3	146.5	146.3	147.6
55.0	132.4	132.1	132.8	133.2	133.7	134.2	134.7	135.6	135.8	136.8
57.5	121.7	121.5	122.1	122.2	122.9	123.1	124.0	124.3	125.1	125.4
60.0	110.8	110.6	111.1	111.2	112.0	112.2	113.1	113.4	114.2	114.5
62.5	99.78	99.56	100.2	100.3	101.0	101.2	102.1	102.4	103.3	103.5
65.0	88.71	88.55	89.14	89.23	90.01	90.20	91.06	91.40	92.24	92.51
67.5	77.68	77.49	78.12	78.17	78.97	79.18	80.05	80.35	81.19	81.48
70.0	66.72	66.50	67.14	67.17	68.00	68.14	69.03	69.31	70.17	70.43
72.5	55.74	55.55	56.15	56.24	57.04	57.20	58.05	58.37	59.17	59.46
75.0	44.81	44.63	45.28	45.36	46.15	46.31	47.19	47.51	48.30	48.59
77.5	33.64	33.45	34.10	34.16	34.96	35.10	36.01	36.32	37.16	37.43
80.0	22.68	22.51	23.15	23.19	23.96	24.12	25.01	25.27	26.10	26.36
82.5	12.30	12.13	12.71	12.74	13.46	13.62	14.42	14.66	15.44	15.65
85.0	3.391	3.236	3.674	3.693	4.253	4.347	5.006	5.183	5.811	6.016
87.5	0.0905	0.1178	0.0859	0.1222	0.0995	0.1274	0.0905	0.1359	0.0950	0.1552
90.0	0.0906	0.0996	0.0815	0.0996	0.0951	0.1041	0.0905	0.0996	0.0905	0.1044
92.5	0.0996	0.0860	0.0905	0.0951	0.0996	0.0951	0.0996	0.0951	0.0995	0.0952
95.0	0.1177	0.0860	0.1177	0.0951	0.1132	0.0951	0.1043	0.0951	0.1042	0.0951
97.5	0.1406	0.0950	0.1450	0.0995	0.1406	0.0951	0.1314	0.0996	0.1268	0.0951
100.0	0.1766	0.1267	0.1812	0.1310	0.1722	0.1175	0.1676	0.1085	0.1585	0.1086
102.5	0.2128	0.1719	0.2173	0.1720	0.2128	0.1630	0.2038	0.1583	0.1993	0.1628
105.0	0.2627	0.2307	0.2582	0.2261	0.2582	0.2035	0.2403	0.1898	0.2355	0.1900
107.5	0.3036	0.2669	0.2990	0.2579	0.3034	0.2489	0.2853	0.2442	0.2807	0.2443
110.0	0.3442	0.3123	0.3486	0.3077	0.3487	0.2985	0.3261	0.2715	0.3216	0.2671
112.5	0.3984	0.3529	0.3942	0.3484	0.3939	0.3349	0.3670	0.3213	0.3622	0.3213
115.0	0.4395	0.3983	0.4393	0.3983	0.4350	0.3802	0.4165	0.3756	0.4077	0.3751
117.5	0.4890	0.4481	0.4846	0.4523	0.4890	0.4255	0.4618	0.4163	0.4529	0.4071
120.0	0.5434	0.5069	0.5346	0.4977	0.5342	0.4751	0.5072	0.4662	0.5030	0.4705
122.5	0.5887	0.5522	0.5886	0.5474	0.5843	0.5251	0.5614	0.5250	0.5481	0.5155
125.0	0.6387	0.5975	0.6383	0.6018	0.6296	0.5746	0.6022	0.5609	0.5979	0.5475
127.5	0.6838	0.6516	0.6791	0.6515	0.6836	0.6157	0.6565	0.6152	0.6519	0.6109
130.0	0.7338	0.6971	0.7292	0.6925	0.7245	0.6700	0.7019	0.6654	0.6881	0.6472
132.5	0.7788	0.7469	0.7789	0.7422	0.7700	0.7106	0.7427	0.7058	0.7336	0.6925
135.0	0.8240	0.8005	0.8240	0.7921	0.8151	0.7558	0.7877	0.7512	0.7788	0.7469
137.5	0.8606	0.8416	0.8646	0.8327	0.8602	0.8145	0.8287	0.7965	0.8285	0.7921
140.0	0.9101	0.8782	0.9100	0.8826	0.9099	0.8464	0.8783	0.8374	0.8692	0.8283
142.5	0.9465	0.9278	0.9416	0.9189	0.9462	0.8918	0.9148	0.8960	0.9056	0.8915
145.0	0.9870	0.9642	0.9825	0.9552	0.9869	0.9322	0.9552	0.9188	0.9507	0.9144
147.5	1.028	1.005	1.019	1.005	1.023	0.9687	0.9915	0.9642	0.9825	0.9551
150.0	1.073	1.050	1.069	1.050	1.068	1.018	1.028	0.9958	1.028	1.000
152.5	1.127	1.109	1.123	1.100	1.123	1.064	1.082	1.050	1.078	1.050
155.0	1.168	1.150	1.168	1.150	1.173	1.114	1.132	1.104	1.123	1.105
157.5	1.213	1.190	1.213	1.190	1.213	1.163	1.173	1.141	1.168	1.150
160.0	1.254	1.240	1.254	1.240	1.249	1.200	1.218	1.186	1.218	1.190
162.5	1.295	1.276	1.290	1.276	1.290	1.240	1.245	1.227	1.240	1.222
165.0	1.326	1.313	1.327	1.308	1.322	1.258	1.277	1.254	1.272	1.263
167.5	1.367	1.358	1.367	1.353	1.367	1.312	1.331	1.308	1.322	1.312
170.0	1.422	1.403	1.417	1.403	1.417	1.358	1.372	1.349	1.372	1.353
172.5	1.458	1.435	1.453	1.440	1.453	1.394	1.408	1.399	1.404	1.394
175.0	1.471	1.467	1.476	1.467	1.467	1.426	1.431	1.421	1.435	1.426
177.5	1.489	1.485	1.494	1.476	1.489	1.448	1.458	1.444	1.449	1.449
180.0	1.494	1.494	1.494	1.494	1.494	1.462	1.462	1.467	1.467	1.462

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: yechihong
 Test Date: 2019-09-06

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	276.8	276.8	276.8	276.8	276.9	276.8	276.8	276.9	276.8	276.9
2.5	276.7	276.7	276.8	276.8	276.8	276.8	276.9	276.8	276.9	276.8
5.0	275.9	275.9	276.0	275.9	276.0	276.0	276.0	276.0	276.0	275.9
7.5	274.3	274.4	274.5	274.4	274.6	274.5	274.6	274.5	274.5	274.4
10.0	272.1	272.1	272.3	272.2	272.4	272.3	272.5	272.3	272.4	272.1
12.5	268.0	269.1	268.2	269.3	268.5	269.4	268.1	269.4	268.3	269.2
15.0	263.8	265.4	264.1	265.7	264.2	265.9	264.3	265.8	264.2	265.5
17.5	259.5	261.2	259.8	261.5	260.1	261.6	260.1	261.6	259.9	261.3
20.0	254.6	256.2	255.0	256.6	255.2	256.7	255.3	256.7	255.1	256.4
22.5	249.2	250.8	249.6	251.1	249.8	251.2	249.8	251.1	249.7	250.9
25.0	243.1	244.7	243.5	245.0	243.8	245.1	243.8	245.1	243.6	244.7
27.5	236.5	238.0	236.9	238.4	237.2	238.6	237.3	238.4	237.0	238.0
30.0	229.3	230.8	229.8	231.3	230.2	231.5	230.2	231.3	229.9	230.8
32.5	221.7	223.2	222.3	223.6	222.6	223.9	222.6	223.7	222.3	223.2
35.0	213.7	215.1	214.3	215.6	214.6	215.8	214.6	215.6	214.3	215.1
37.5	205.2	206.6	205.8	207.1	206.1	207.3	206.2	207.2	205.8	206.6
40.0	196.3	197.6	196.9	198.2	197.3	198.4	197.4	198.3	197.0	197.7
42.5	187.1	188.4	187.7	188.9	188.1	189.1	188.2	189.1	187.8	188.4
45.0	177.6	178.8	178.2	179.4	178.7	179.6	178.7	179.5	178.3	178.8
47.5	167.7	169.0	168.4	169.5	168.8	169.7	168.9	169.6	168.5	168.9
50.0	157.7	158.8	158.3	159.3	158.8	159.6	158.8	159.5	158.4	158.8
52.5	147.3	148.4	148.0	148.9	148.5	149.3	148.5	149.1	148.1	148.4
55.0	136.8	137.9	137.5	138.5	137.9	138.7	138.0	138.5	137.6	137.9
57.5	126.1	126.2	126.8	126.8	127.3	127.1	127.4	127.0	126.9	126.2
60.0	115.2	115.4	116.0	115.9	116.4	116.2	116.5	116.1	116.1	115.4
62.5	104.3	104.4	105.1	105.0	105.5	105.3	105.6	105.2	105.1	104.5
65.0	93.31	93.39	94.03	93.98	94.47	94.25	94.57	94.11	94.12	93.41
67.5	82.23	82.35	83.00	82.95	83.42	83.23	83.50	83.07	83.06	82.41
70.0	71.23	71.32	71.97	71.89	72.41	72.17	72.47	72.06	72.05	71.38
72.5	60.22	60.30	60.92	60.86	61.36	61.17	61.44	61.04	61.04	60.35
75.0	49.32	49.44	50.06	50.00	50.45	50.22	50.54	50.07	50.13	49.48
77.5	38.16	38.26	38.89	38.85	39.26	39.11	39.36	38.96	38.95	38.29
80.0	27.09	27.16	27.82	27.72	28.19	28.01	28.27	27.85	27.90	27.25
82.5	16.34	16.46	17.04	16.97	17.42	17.22	17.53	17.09	17.18	16.56
85.0	6.557	6.637	7.155	7.092	7.478	7.340	7.586	7.253	7.303	6.733
87.5	0.1258	0.1666	0.2178	0.2072	0.2844	0.2366	0.3012	0.2308	0.2363	0.1774
90.0	0.0905	0.1088	0.0951	0.1086	0.0951	0.1087	0.0951	0.1087	0.0951	0.1042
92.5	0.0951	0.0952	0.0951	0.0952	0.0951	0.0952	0.0951	0.0951	0.0951	0.0951
95.0	0.1043	0.0951	0.1086	0.0951	0.1041	0.0951	0.0998	0.0951	0.0997	0.0951
97.5	0.1311	0.0996	0.1181	0.0951	0.1178	0.0951	0.1177	0.0951	0.1225	0.0951
100.0	0.1585	0.1041	0.1584	0.1041	0.1541	0.0996	0.1541	0.1041	0.1540	0.1041
102.5	0.1903	0.1537	0.1903	0.1357	0.1901	0.1403	0.1902	0.1403	0.1856	0.1403
105.0	0.2310	0.1856	0.2309	0.1764	0.2265	0.1809	0.2309	0.1765	0.2267	0.1810
107.5	0.2762	0.2397	0.2761	0.2216	0.2672	0.2306	0.2716	0.2261	0.2717	0.2308
110.0	0.3125	0.2714	0.3170	0.2625	0.3080	0.2669	0.3124	0.2670	0.3080	0.2714
112.5	0.3581	0.3124	0.3577	0.3123	0.3576	0.3167	0.3532	0.3213	0.3577	0.3169
115.0	0.4074	0.3711	0.3985	0.3531	0.3941	0.3576	0.3984	0.3617	0.3941	0.3575
117.5	0.4527	0.4029	0.4440	0.4074	0.4484	0.4028	0.4439	0.4072	0.4482	0.4072
120.0	0.5025	0.4527	0.4938	0.4525	0.4890	0.4526	0.4892	0.4572	0.4938	0.4571
122.5	0.5433	0.5023	0.5389	0.4979	0.5389	0.4978	0.5387	0.5068	0.5345	0.5022
125.0	0.5887	0.5518	0.5887	0.5521	0.5840	0.5522	0.5842	0.5519	0.5843	0.5477
127.5	0.6338	0.6019	0.6294	0.5974	0.6293	0.5974	0.6294	0.5973	0.6293	0.5975
130.0	0.6836	0.6472	0.6791	0.6383	0.6791	0.6425	0.6745	0.6472	0.6836	0.6425
132.5	0.7244	0.6924	0.7288	0.6835	0.7245	0.6881	0.7244	0.6835	0.7246	0.6924
135.0	0.7741	0.7513	0.7740	0.7333	0.7696	0.7423	0.7608	0.7332	0.7698	0.7423
137.5	0.8148	0.7830	0.8105	0.7784	0.8105	0.7830	0.8106	0.7830	0.8060	0.7740
140.0	0.8602	0.8283	0.8602	0.8237	0.8601	0.8239	0.8556	0.8282	0.8513	0.8238
142.5	0.9013	0.8868	0.8964	0.8646	0.8970	0.8737	0.8918	0.8732	0.8963	0.8646
145.0	0.9462	0.9144	0.9330	0.9096	0.9372	0.9008	0.9371	0.9097	0.9371	0.9142
147.5	0.9781	0.9505	0.9690	0.9460	0.9780	0.9371	0.9690	0.9506	0.9779	0.9638
150.0	1.019	1.000	1.014	0.9869	1.019	0.9867	1.014	1.000	1.019	1.000
152.5	1.078	1.046	1.064	1.046	1.073	1.041	1.064	1.046	1.069	1.050
155.0	1.127	1.104	1.123	1.091	1.123	1.100	1.118	1.100	1.118	1.100
157.5	1.168	1.145	1.163	1.141	1.163	1.136	1.159	1.145	1.159	1.145
160.0	1.209	1.186	1.204	1.186	1.209	1.181	1.204	1.186	1.209	1.186
162.5	1.240	1.222	1.245	1.222	1.240	1.218	1.240	1.226	1.236	1.222
165.0	1.272	1.258	1.277	1.258	1.277	1.254	1.268	1.254	1.268	1.258
167.5	1.318	1.299	1.318	1.299	1.317	1.299	1.317	1.308	1.313	1.304
170.0	1.372	1.353	1.367	1.344	1.367	1.340	1.363	1.344	1.367	1.349
172.5	1.403	1.399	1.403	1.390	1.408	1.385	1.399	1.385	1.399	1.394
175.0	1.435	1.421	1.431	1.421	1.435	1.412	1.431	1.421	1.435	1.426
177.5	1.453	1.439	1.453	1.444	1.453	1.440	1.453	1.444	1.453	1.449
180.0	1.462	1.462	1.462	1.458	1.471	1.462	1.462	1.462	1.467	1.467

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: yechihong
 Test Date: 2019-09-06

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	276.8	276.9	276.9	276.9	276.9	276.9	276.9	276.8	276.8	276.7
2.5	276.7	276.7	276.7	276.6	276.5	276.4	276.4	276.1	276.0	275.9
5.0	275.9	275.8	275.8	275.5	275.5	275.2	275.1	274.7	274.5	274.2
7.5	274.3	274.1	274.1	273.8	273.6	273.3	273.1	272.5	272.3	271.9
10.0	272.2	271.7	271.8	271.3	271.2	270.7	270.6	269.7	268.2	269.0
12.5	268.0	268.7	266.9	268.2	266.3	267.4	265.3	266.3	264.0	265.3
15.0	263.8	265.0	263.2	264.3	262.4	263.4	261.3	262.1	259.8	261.0
17.5	259.5	260.7	258.8	259.9	257.9	258.8	256.6	257.2	254.9	256.0
20.0	254.6	255.7	253.8	254.8	252.8	253.6	251.4	251.8	249.4	250.4
22.5	249.1	250.0	248.3	249.1	247.1	247.7	245.6	245.8	243.4	244.3
25.0	243.0	243.8	242.1	242.8	240.8	241.3	239.1	239.3	236.8	237.7
27.5	236.4	237.1	235.4	235.9	234.0	234.4	232.2	232.1	229.7	230.5
30.0	229.2	229.9	228.1	228.7	226.7	226.9	224.7	224.6	222.1	222.9
32.5	221.6	222.3	220.5	221.0	219.0	219.2	216.9	216.6	214.1	214.7
35.0	213.5	214.1	212.4	212.7	210.8	210.8	208.6	208.2	205.7	206.2
37.5	205.0	205.5	203.8	204.1	202.1	202.1	199.8	199.3	196.8	197.3
40.0	196.2	196.5	194.9	195.1	193.2	193.0	190.8	190.2	187.7	188.0
42.5	187.0	187.3	185.7	185.7	183.8	183.6	181.4	180.7	178.2	178.5
45.0	177.5	177.7	176.1	176.0	174.2	173.9	171.7	170.9	168.4	168.7
47.5	167.6	167.7	166.2	166.0	164.3	163.9	161.7	160.8	158.3	158.5
50.0	157.5	157.6	156.1	155.8	154.1	153.6	151.5	150.5	148.0	148.1
52.5	147.2	147.1	145.7	145.5	143.7	143.1	141.1	140.0	137.6	137.6
55.0	136.7	136.3	135.2	134.4	133.2	131.5	130.5	128.4	126.9	126.0
57.5	126.0	125.0	124.5	123.1	122.5	120.8	119.7	117.6	116.1	115.2
60.0	115.1	114.1	113.6	112.3	111.5	109.9	108.8	106.6	105.2	104.2
62.5	104.2	103.1	102.6	101.3	100.6	98.94	97.81	95.67	94.19	93.22
65.0	93.16	92.13	91.64	90.34	89.57	87.91	86.78	84.65	83.16	82.21
67.5	82.13	81.09	80.59	79.22	78.54	76.87	75.78	73.62	72.18	71.20
70.0	71.11	70.07	69.59	68.27	67.57	65.87	64.82	62.66	61.21	60.27
72.5	60.10	59.10	58.60	57.29	56.61	54.94	53.88	51.75	50.36	49.41
75.0	49.21	48.14	47.70	46.41	45.65	44.04	42.91	40.70	39.28	38.35
77.5	38.05	37.04	36.52	35.19	34.49	32.88	31.78	29.64	28.26	27.33
80.0	26.98	25.99	25.53	24.25	23.60	22.00	20.99	18.92	17.61	16.71
82.5	16.32	15.40	14.98	13.80	13.16	11.71	10.79	8.893	7.755	6.936
85.0	6.599	5.775	5.468	4.434	3.988	2.843	2.169	0.9694	0.4019	0.1822
87.5	0.1175	0.1536	0.0994	0.1363	0.1042	0.1223	0.0951	0.1087	0.0951	0.1086
90.0	0.0905	0.1133	0.0951	0.1085	0.0951	0.0996	0.0951	0.0953	0.0951	0.0951
92.5	0.0907	0.0996	0.0952	0.0951	0.0952	0.0951	0.0951	0.0951	0.1086	0.0905
95.0	0.1041	0.0951	0.0999	0.0951	0.1042	0.0995	0.1133	0.0951	0.1177	0.0905
97.5	0.1268	0.0996	0.1313	0.1041	0.1314	0.1041	0.1449	0.0996	0.1584	0.1083
100.0	0.1586	0.1131	0.1630	0.1177	0.1677	0.1267	0.1766	0.1313	0.1857	0.1537
102.5	0.1947	0.1582	0.1950	0.1629	0.2038	0.1674	0.2130	0.1765	0.2221	0.1898
105.0	0.2309	0.1856	0.2355	0.1946	0.2445	0.2037	0.2581	0.2215	0.2717	0.2263
107.5	0.2717	0.2307	0.2807	0.2444	0.2853	0.2489	0.2945	0.2624	0.3126	0.2714
110.0	0.3126	0.2759	0.3171	0.2761	0.3172	0.2940	0.3440	0.3163	0.3621	0.3168
112.5	0.3623	0.3214	0.3713	0.3304	0.3758	0.3437	0.3894	0.3485	0.4032	0.3666
115.0	0.4029	0.3710	0.4075	0.3757	0.4122	0.3848	0.4302	0.3982	0.4483	0.4117
117.5	0.4484	0.4162	0.4573	0.4253	0.4664	0.4300	0.4799	0.4525	0.4936	0.4572
120.0	0.4982	0.4615	0.5071	0.4662	0.5161	0.4798	0.5210	0.4978	0.5477	0.5069
122.5	0.5436	0.5113	0.5526	0.5204	0.5614	0.5296	0.5752	0.5474	0.5887	0.5613
125.0	0.5933	0.5567	0.5979	0.5658	0.6022	0.5794	0.6159	0.5973	0.6341	0.6021
127.5	0.6387	0.6064	0.6476	0.6156	0.6564	0.6246	0.6655	0.6379	0.6793	0.6562
130.0	0.6836	0.6605	0.6927	0.6833	0.7017	0.6835	0.7153	0.6835	0.7243	0.6924
132.5	0.7335	0.6971	0.7291	0.7106	0.7470	0.7107	0.7517	0.7288	0.7654	0.7423
135.0	0.7741	0.7467	0.7788	0.7513	0.7878	0.7558	0.8013	0.7740	0.8149	0.7874
137.5	0.8105	0.7919	0.8195	0.7922	0.8330	0.8098	0.8334	0.8191	0.8557	0.8239
140.0	0.8602	0.8372	0.8601	0.8375	0.8693	0.8510	0.8828	0.8689	0.9008	0.8869
142.5	0.8964	0.8869	0.9101	0.8873	0.9102	0.8961	0.9238	0.9008	0.9416	0.9143
145.0	0.9416	0.9187	0.9419	0.9279	0.9463	0.9325	0.9643	0.9415	0.9736	0.9550
147.5	0.9869	0.9640	0.9870	0.9596	0.9871	0.9687	1.005	0.9820	1.014	0.9869
150.0	1.028	1.009	1.032	1.018	1.037	1.018	1.046	1.028	1.059	1.037
152.5	1.082	1.055	1.082	1.063	1.087	1.068	1.091	1.077	1.100	1.086
155.0	1.127	1.109	1.128	1.118	1.132	1.118	1.141	1.123	1.150	1.132
157.5	1.168	1.150	1.164	1.154	1.177	1.167	1.186	1.168	1.191	1.177
160.0	1.209	1.195	1.209	1.195	1.218	1.204	1.227	1.208	1.231	1.213
162.5	1.240	1.245	1.249	1.245	1.249	1.245	1.254	1.249	1.254	1.249
165.0	1.277	1.263	1.277	1.263	1.281	1.263	1.286	1.272	1.286	1.272
167.5	1.318	1.304	1.322	1.304	1.327	1.308	1.331	1.317	1.327	1.322
170.0	1.367	1.353	1.363	1.358	1.363	1.353	1.367	1.358	1.376	1.358
172.5	1.408	1.394	1.403	1.394	1.399	1.394	1.412	1.394	1.412	1.399
175.0	1.440	1.426	1.431	1.417	1.435	1.417	1.435	1.426	1.440	1.430
177.5	1.449	1.444	1.444	1.444	1.449	1.444	1.453	1.453	1.453	1.458
180.0	1.467	1.462	1.458	1.458	1.462	1.467	1.467	1.462	1.471	1.467

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: yechihong
 Test Date: 2019-09-06

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:

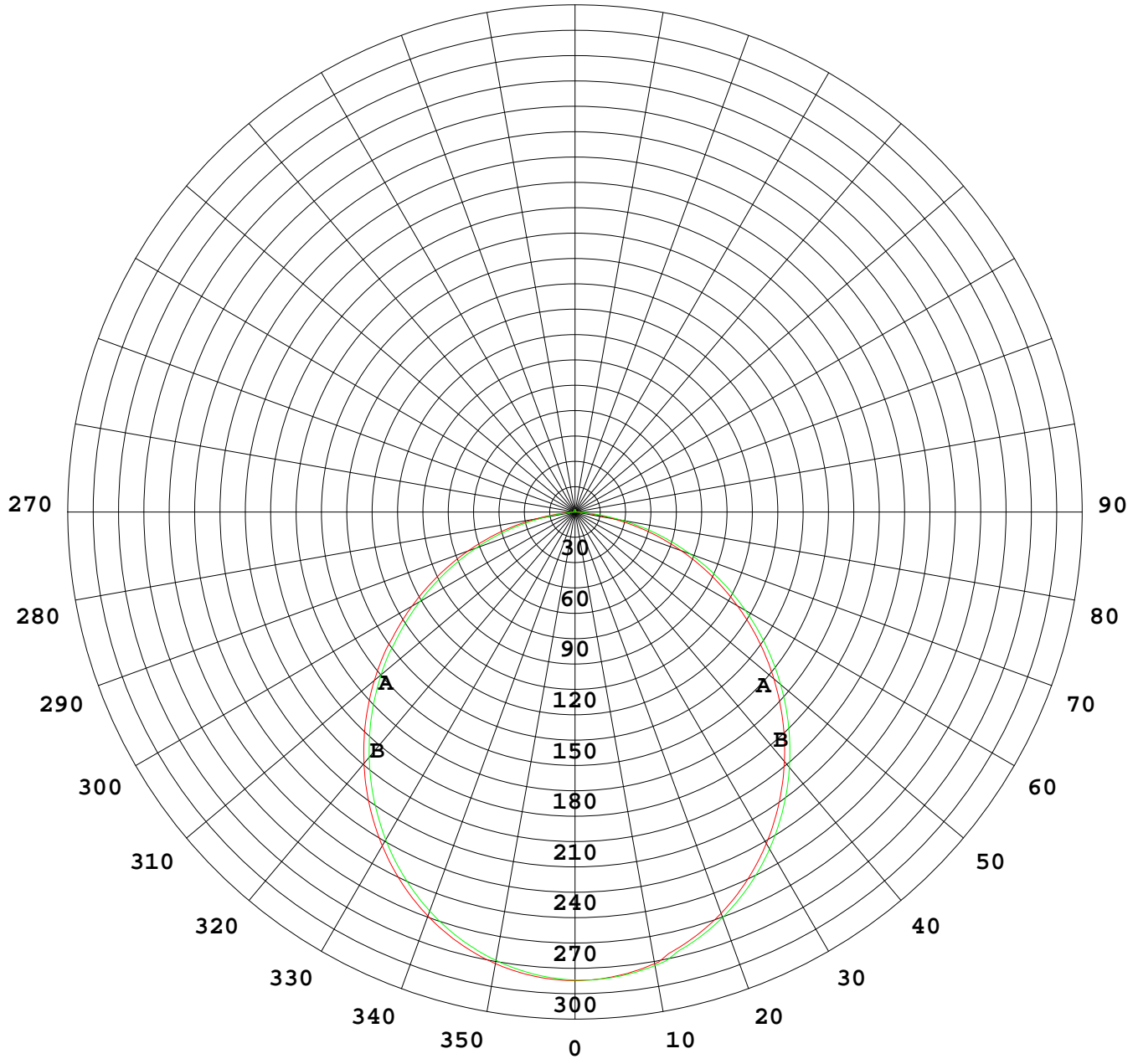
Photometric Data Table [cd]

G/C	350.0	355.0
0.0	276.6	276.6
2.5	275.7	275.7
5.0	274.2	274.0
7.5	272.0	271.7
10.0	267.0	268.6
12.5	263.6	265.0
15.0	259.3	260.6
17.5	254.4	255.6
20.0	248.8	250.0
22.5	242.7	243.8
25.0	236.1	237.1
27.5	229.0	229.9
30.0	221.3	222.2
32.5	213.3	214.0
35.0	204.8	205.6
37.5	195.9	196.6
40.0	186.7	187.4
42.5	177.2	177.8
45.0	167.5	167.9
47.5	157.4	157.7
50.0	147.1	147.4
52.5	136.6	136.9
55.0	125.9	125.2
57.5	115.1	114.4
60.0	104.2	103.4
62.5	93.19	92.45
65.0	82.17	81.43
67.5	71.19	70.40
70.0	60.26	59.46
72.5	49.41	48.69
75.0	38.32	37.55
77.5	27.28	26.55
80.0	16.69	15.98
82.5	6.966	6.350
85.0	0.1794	0.1665
87.5	0.0951	0.0998
90.0	0.0951	0.0951
92.5	0.1086	0.0951
95.0	0.1268	0.1041
97.5	0.1543	0.1085
100.0	0.1948	0.1584
102.5	0.2310	0.1900
105.0	0.2673	0.2442
107.5	0.3214	0.2760
110.0	0.3667	0.3167
112.5	0.4119	0.3753
115.0	0.4527	0.4160
117.5	0.4984	0.4616
120.0	0.5478	0.5068
122.5	0.5886	0.5568
125.0	0.6473	0.6066
127.5	0.6882	0.6563
130.0	0.7334	0.6926
132.5	0.7742	0.7424
135.0	0.8194	0.7874
137.5	0.8558	0.8238
140.0	0.9009	0.8824
142.5	0.9374	0.9186
145.0	0.9738	0.9550
147.5	1.019	0.9868
150.0	1.055	1.032
152.5	1.105	1.086
155.0	1.159	1.136
157.5	1.191	1.172
160.0	1.231	1.218
162.5	1.263	1.258
165.0	1.286	1.276
167.5	1.331	1.317
170.0	1.376	1.358
172.5	1.412	1.394
175.0	1.444	1.430
177.5	1.462	1.453
180.0	1.471	1.467

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: yechihong
Test Date: 2019-09-06

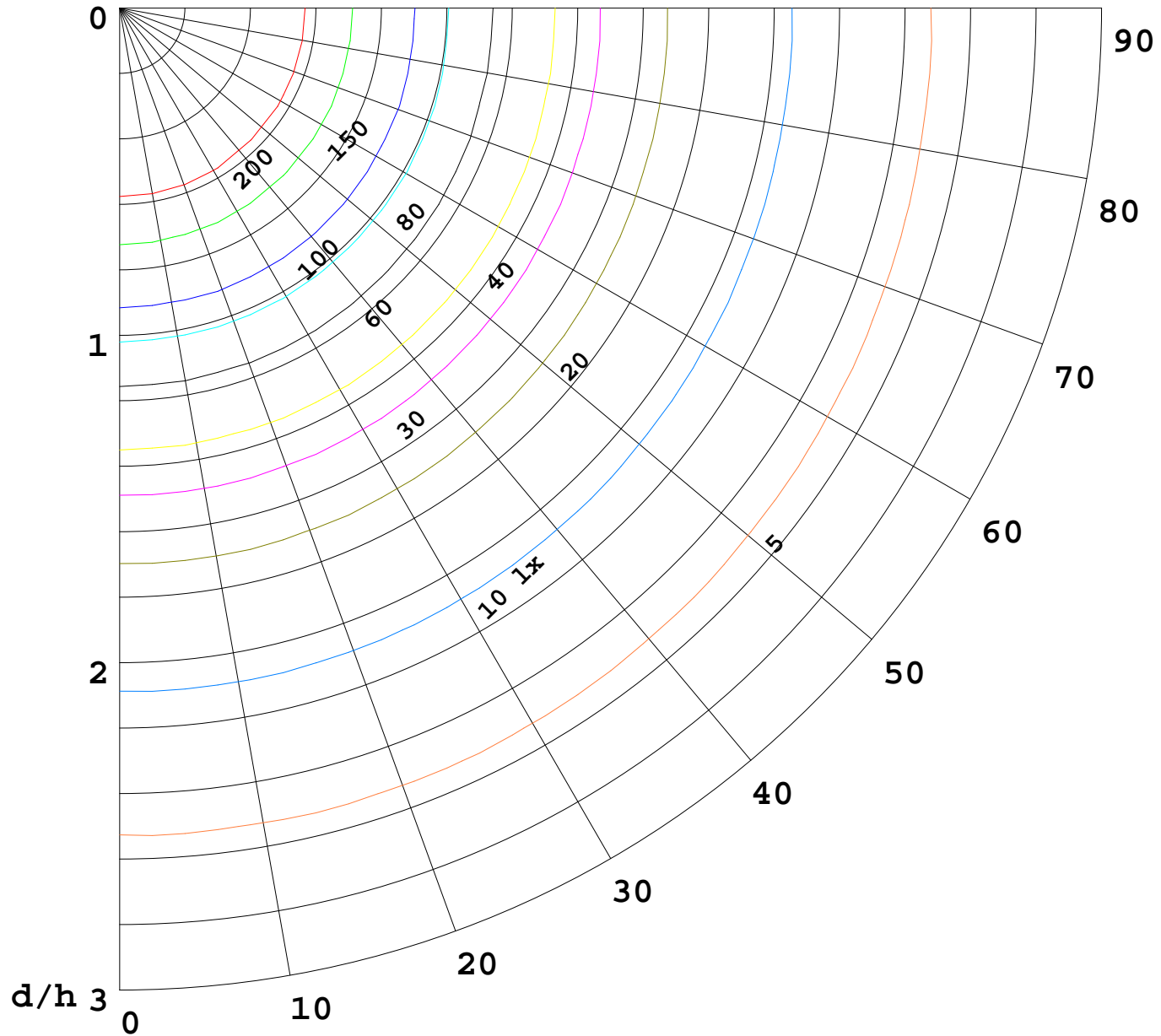
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.272
Humidity: 70%
Test Distance: 8.425m [K=1.0000]
Remarks:

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

