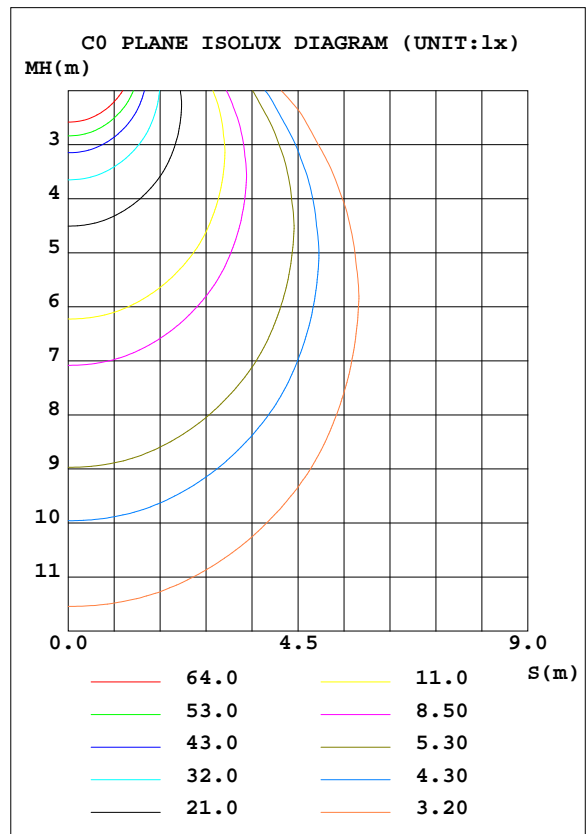
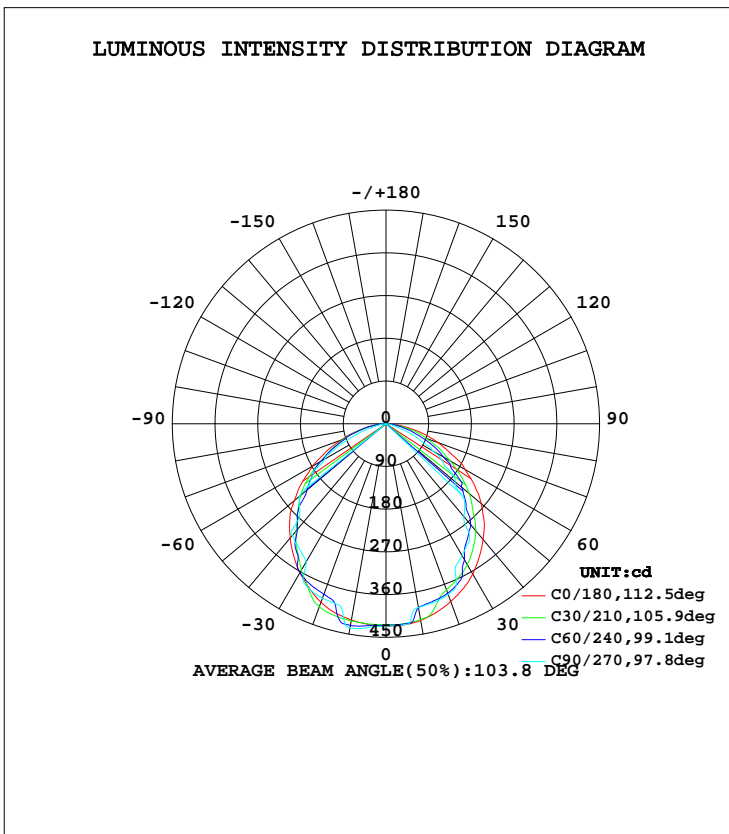


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.8V I:0.1320A P:15.70W PF:0.9850 Lamp Flux:1118.56x1 lm		
NAME: RNV15081200L30D1SN	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2019-05-21-02
MFR.: AFX	SUR.:0.3MX0.15M	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 71.22 lm/W			
MODEL	RNV15081200L30D1SN	I _{max} (cd)	436.9	S/MH(C0/180)	1.27
NOMINAL POWER(W)	16	LOR(%)	100.0	S/MH(C90/270)	1.13
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1118.6	η UP, DN(C0-180)	0.7,47.1
NOMINAL FLUX(lm)	1118.56	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.9,51.3
LAMPS INSIDE	1	η up(%)	1.6	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.8	η down(%)	98.4	CIBSE SHR MAX	1.35



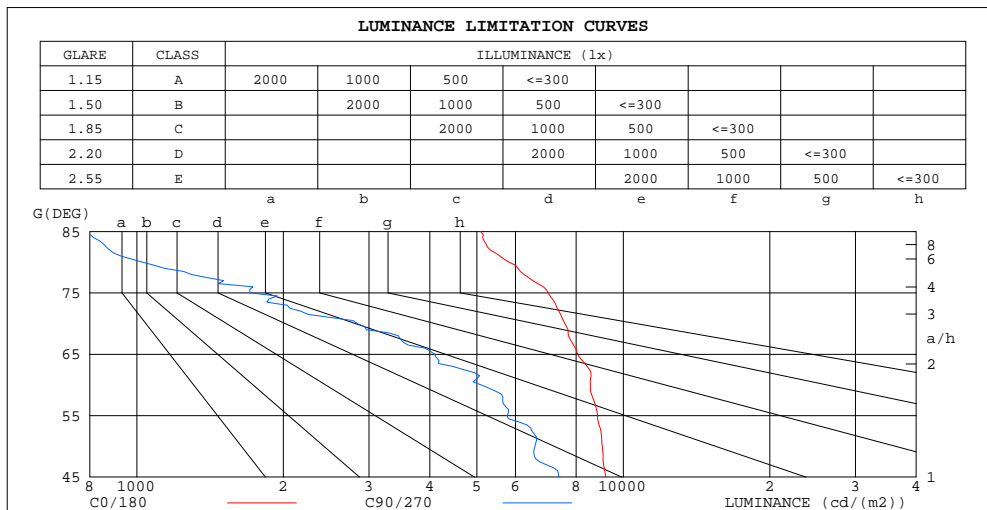
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:yechihong
 Test Date:2019-05-21

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

ZONAL FLUX DIAGRAM
AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum, lamp
5	425.4	423.1	425.2	423.8	424.3	424.6	431.0	427.7	0- 5	10.17	10.17	0.91,0.91
10	420.5	413.6	393.5	416.3	419.8	426.8	436.5	432.7	5- 10	30.23	40.40	3.61,3.61
15	411.2	384.8	389.4	384.6	412.9	423.8	394.6	428.1	10- 15	48.72	89.12	7.97,7.97
20	398.7	375.0	382.8	376.8	400.1	385.4	391.3	384.1	15- 20	65.19	154.3	13.8,13.8
25	383.9	363.4	345.3	365.3	382.3	367.8	383.4	370.6	20- 25	80.02	234.3	20.9,20.9
30	365.6	346.4	320.8	344.4	362.5	352.9	336.0	356.4	25- 30	91.26	325.6	29.1,29.1
35	342.5	311.7	304.6	301.2	339.2	334.4	319.8	338.5	30- 35	98.61	424.2	37.9,37.9
40	318.3	282.0	255.3	270.1	314.1	302.7	306.7	298.3	35- 40	102.9	527.1	47.1,47.1
45	292.7	241.9	234.4	235.2	286.7	253.2	256.9	265.8	40- 45	102.4	629.5	56.3,56.3
50	261.9	209.3	190.4	211.4	252.0	225.4	239.0	233.5	45- 50	98.48	728.0	65.1,65.1
55	228.5	180.9	148.8	179.4	216.1	197.2	187.8	209.4	50- 55	91.54	819.5	73.3,73.3
60	192.5	147.5	114.8	142.6	178.5	163.2	149.1	177.3	55- 60	81.27	900.8	80.5,80.5
65	153.2	115.0	77.76	109.8	139.4	128.5	108.5	141.6	60- 65	68.15	969.0	86.6,86.6
70	116.7	84.33	43.74	80.44	100.5	95.75	62.03	110.5	65- 70	52.76	1022	91.3,91.3
75	81.56	57.22	19.91	51.85	66.31	64.27	31.58	77.53	70- 75	38.00	1060	94.7,94.7
80	45.47	29.96	8.023	27.20	36.66	37.51	13.79	50.52	75- 80	24.10	1084	96.9,96.9
85	19.95	12.29	3.133	11.53	13.69	17.03	5.381	22.94	80- 85	12.09	1096	98,98
90	3.965	7.369	0.6874	7.514	3.680	9.595	1.762	10.03	85- 90	5.105	1101	98.4,98.4
95	5.330	6.055	0.6253	6.124	5.477	8.092	0.7362	8.307	90- 95	3.156	1104	98.7,98.7
100	3.550	3.714	0.6428	3.810	3.335	6.644	0.7426	6.903	95-100	2.542	1107	98.9,98.9
105	2.609	2.589	0.6333	2.870	2.530	5.247	0.9102	5.535	100-105	1.878	1109	99.1,99.1
110	2.128	2.248	0.7602	2.661	2.223	4.133	1.023	4.738	105-110	1.450	1110	99.2,99.2
115	1.815	1.892	0.9551	2.222	2.001	3.211	1.091	3.713	110-115	1.200	1111	99.3,99.3
120	1.598	1.820	1.172	1.942	1.674	2.884	1.200	3.192	115-120	1.031	1112	99.4,99.4
125	1.566	2.060	1.412	2.278	1.557	2.249	1.354	2.378	120-125	0.9046	1113	99.5,99.5
130	1.630	2.127	1.688	2.340	1.589	1.661	1.567	1.833	125-130	0.8272	1114	99.6,99.6
135	1.733	1.987	1.983	2.186	1.621	2.055	2.088	2.338	130-135	0.7887	1115	99.7,99.7
140	1.879	1.978	1.947	2.155	1.633	1.671	1.788	2.006	135-140	0.7420	1116	99.7,99.7
145	1.792	2.005	2.001	2.146	1.675	1.689	1.901	2.005	140-145	0.6445	1116	99.8,99.8
150	1.874	2.024	2.109	2.200	1.766	1.729	1.987	2.051	145-150	0.5815	1117	99.8,99.8
155	1.951	2.064	2.223	2.277	1.865	1.802	2.069	2.146	150-155	0.5152	1117	99.9,99.9
160	2.001	2.096	2.304	2.349	1.969	1.888	2.132	2.223	155-160	0.4423	1118	99.9,99.9
165	2.078	2.100	2.399	2.445	2.060	1.965	2.209	2.308	160-165	0.3601	1118	100,100
170	2.137	2.119	2.422	2.508	2.187	2.019	2.286	2.412	165-170	0.2675	1118	100,100
175	2.209	2.241	2.499	2.607	2.259	2.132	2.386	2.508	170-175	0.1677	1119	100,100
180	2.291	2.218	2.476	2.576	2.386	2.218	2.467	2.580	175-180	0.0576	1119	100,100
DEG	LUMINOUS INTENSITY:cd MAX (Ii - Iavg)/Iavg (0-135) = 169.6 %									UNIT:lm		



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	5086	799
80	5818	1027
75	7002	1710
70	7585	2842
65	8057	4089
60	8557	5102
55	8852	5765
50	9054	6583
45	9199	7367

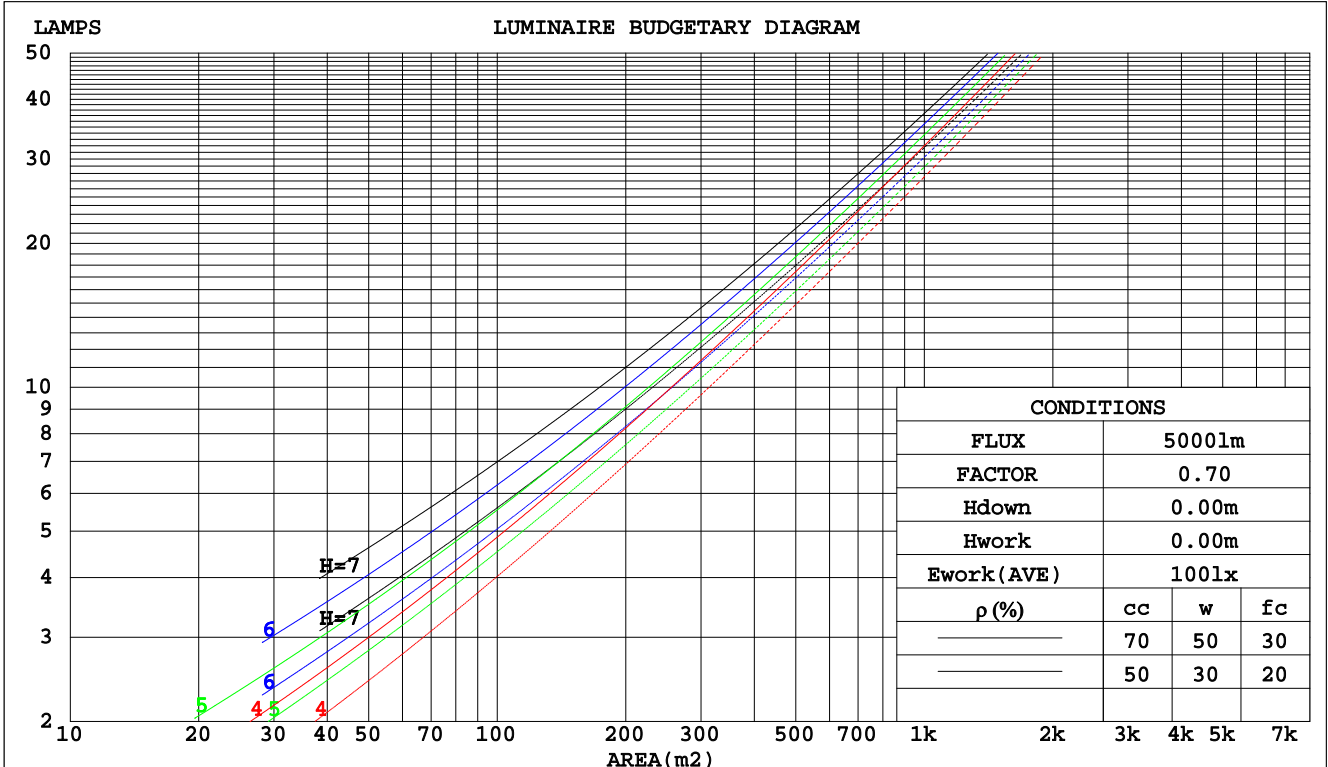
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: yechihong
Test Date: 2019-05-21

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

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.8V I:0.1320A P:15.70W PF:0.9850 Lamp Flux:1118.56x1 lm		
NAME: RNV15081200L30D1SN	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2019-05-21-02
MFR.: AFX	SUR.:0.3MX0.15M	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	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.98
1.0	1.04	1.00	.97	1.02	.98	.95	.97	.94	.92	.93	.91	.88	.89	.87	.86	.83
2.0	.91	.85	.79	.89	.83	.78	.86	.81	.76	.82	.78	.74	.79	.75	.72	.70
3.0	.81	.73	.66	.79	.72	.66	.76	.70	.64	.73	.68	.63	.70	.66	.62	.60
4.0	.72	.63	.57	.70	.62	.56	.68	.61	.55	.65	.59	.54	.63	.58	.53	.51
5.0	.64	.55	.49	.63	.55	.49	.61	.53	.48	.59	.52	.47	.57	.51	.47	.45
6.0	.58	.49	.43	.57	.49	.43	.55	.48	.42	.53	.47	.42	.51	.46	.41	.39
7.0	.53	.44	.38	.52	.44	.38	.50	.43	.37	.48	.42	.37	.47	.41	.37	.35
8.0	.48	.40	.34	.47	.39	.34	.46	.39	.34	.44	.38	.33	.43	.37	.33	.31
9.0	.44	.36	.31	.43	.36	.30	.42	.35	.30	.41	.35	.30	.40	.34	.30	.28
10.0	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.27	.37	.31	.27	.25



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

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

WEC AND CCEC

Test:U:120.8V I:0.1320A P:15.70W PF:0.9850 Lamp Flux:1118.56x1 lm		
NAME: RNV15081200L30D1SN	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2019-05-21-02
MFR.: AFX	SUR.:0.3MX0.15M	PROTECTION ANGLE:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.294	.167	.053	.286	.163	.052	.272	.156	.050	.259	.150	.048	.248	.143	.046	
2.0	.279	.153	.047	.272	.150	.046	.260	.144	.045	.248	.139	.044	.238	.134	.042	
3.0	.259	.138	.041	.254	.136	.041	.243	.131	.040	.232	.127	.039	.223	.123	.038	
4.0	.241	.125	.037	.235	.123	.036	.226	.120	.036	.217	.116	.035	.208	.113	.034	
5.0	.223	.114	.033	.219	.112	.033	.210	.109	.032	.202	.106	.032	.194	.104	.031	
6.0	.208	.104	.030	.204	.103	.030	.196	.100	.029	.189	.098	.029	.182	.096	.028	
7.0	.194	.096	.027	.190	.095	.027	.183	.093	.027	.177	.091	.026	.171	.089	.026	
8.0	.181	.089	.025	.178	.088	.025	.172	.086	.025	.166	.084	.024	.160	.082	.024	
9.0	.170	.082	.023	.167	.082	.023	.162	.080	.023	.156	.078	.022	.151	.077	.022	
10.0	.160	.077	.021	.158	.076	.021	.153	.075	.021	.148	.073	.021	.143	.072	.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	.202	.202	.202	.173	.173	.173	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.191	.168	.148	.164	.144	.127	.112	.099	.088	.064	.058	.051	.021	.019	.017	
2.0	.183	.144	.112	.156	.124	.097	.107	.086	.067	.062	.050	.039	.020	.016	.013	
3.0	.175	.126	.088	.150	.109	.076	.103	.076	.054	.059	.044	.032	.019	.014	.010	
4.0	.167	.113	.072	.143	.098	.062	.099	.068	.044	.057	.040	.026	.018	.013	.009	
5.0	.160	.103	.061	.137	.089	.053	.094	.062	.037	.055	.036	.022	.018	.012	.007	
6.0	.153	.094	.052	.131	.082	.046	.090	.057	.032	.052	.034	.019	.017	.011	.006	
7.0	.146	.087	.046	.126	.076	.040	.087	.053	.029	.050	.031	.017	.016	.010	.006	
8.0	.140	.082	.042	.120	.071	.036	.083	.050	.026	.048	.029	.015	.016	.010	.005	
9.0	.134	.077	.038	.115	.066	.033	.080	.047	.024	.046	.028	.014	.015	.009	.005	
10.0	.128	.072	.035	.110	.063	.031	.077	.044	.022	.045	.026	.013	.014	.009	.004	

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

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

Uncorrected UGR Table

Test:U:120.8V I:0.1320A P:15.70W PF:0.9850 Lamp Flux:1118.56x1 lm										
NAME: RNV15081200L30D1SN					TYPE:			WEIGHT:		
DIM.:					SPEC.:			SERIAL No.:2019-05-21-02		
MFR.: AFX					SUR.:0.3MX0.15M			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	20.2	21.6	20.4	21.8	22.1	18.6	20.0	18.9	20.3	20.5
3H	21.7	23.0	22.0	23.3	23.5	19.2	20.6	19.6	20.8	21.1
4H	22.3	23.6	22.6	23.8	24.1	19.3	20.6	19.7	20.9	21.2
6H	22.7	23.9	23.0	24.2	24.5	19.3	20.5	19.7	20.8	21.1
8H	22.8	23.9	23.1	24.2	24.6	19.3	20.5	19.7	20.8	21.1
12H	22.9	24.0	23.2	24.3	24.6	19.3	20.4	19.6	20.7	21.0
4H 2H	20.5	21.8	20.8	22.1	22.3	19.3	20.5	19.6	20.8	21.1
3H	22.2	23.3	22.5	23.6	23.9	20.2	21.3	20.5	21.6	21.9
4H	22.9	23.9	23.3	24.3	24.6	20.4	21.4	20.8	21.8	22.1
6H	23.4	24.3	23.8	24.7	25.1	20.5	21.4	20.9	21.8	22.2
8H	23.6	24.4	24.0	24.8	25.2	20.5	21.4	21.0	21.8	22.2
12H	23.7	24.4	24.1	24.9	25.3	20.5	21.3	21.0	21.7	22.1
8H 4H	23.0	23.8	23.4	24.2	24.7	20.8	21.6	21.2	22.0	22.4
6H	23.6	24.3	24.1	24.7	25.2	21.0	21.7	21.5	22.1	22.6
8H	23.8	24.4	24.3	24.9	25.4	21.1	21.7	21.6	22.2	22.6
12H	24.0	24.5	24.5	25.0	25.5	21.1	21.7	21.6	22.1	22.6
12H 4H	23.0	23.8	23.4	24.2	24.6	20.8	21.6	21.2	22.0	22.4
6H	23.6	24.2	24.1	24.7	25.2	21.1	21.7	21.6	22.2	22.6
8H	23.8	24.4	24.3	24.8	25.4	21.2	21.7	21.7	22.2	22.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.3 / - 0.4				
1.5H	+ 0.2 / - 0.3					+ 0.3 / - 0.4				
2.0H	+ 0.5 / - 0.6					+ 0.4 / - 0.9				

CIE Pub.117 Corrected 1119 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.4)

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

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

UTILIZATION FACTORS TABLE

Test:U:120.8V I:0.1320A P:15.70W PF:0.9850 Lamp Flux:1118.56x1 lm		
NAME: RNV15081200L30D1SN	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2019-05-21-02
MFR.: AFX	SUR.:0.3MX0.15M	PROTECTION ANGLE:

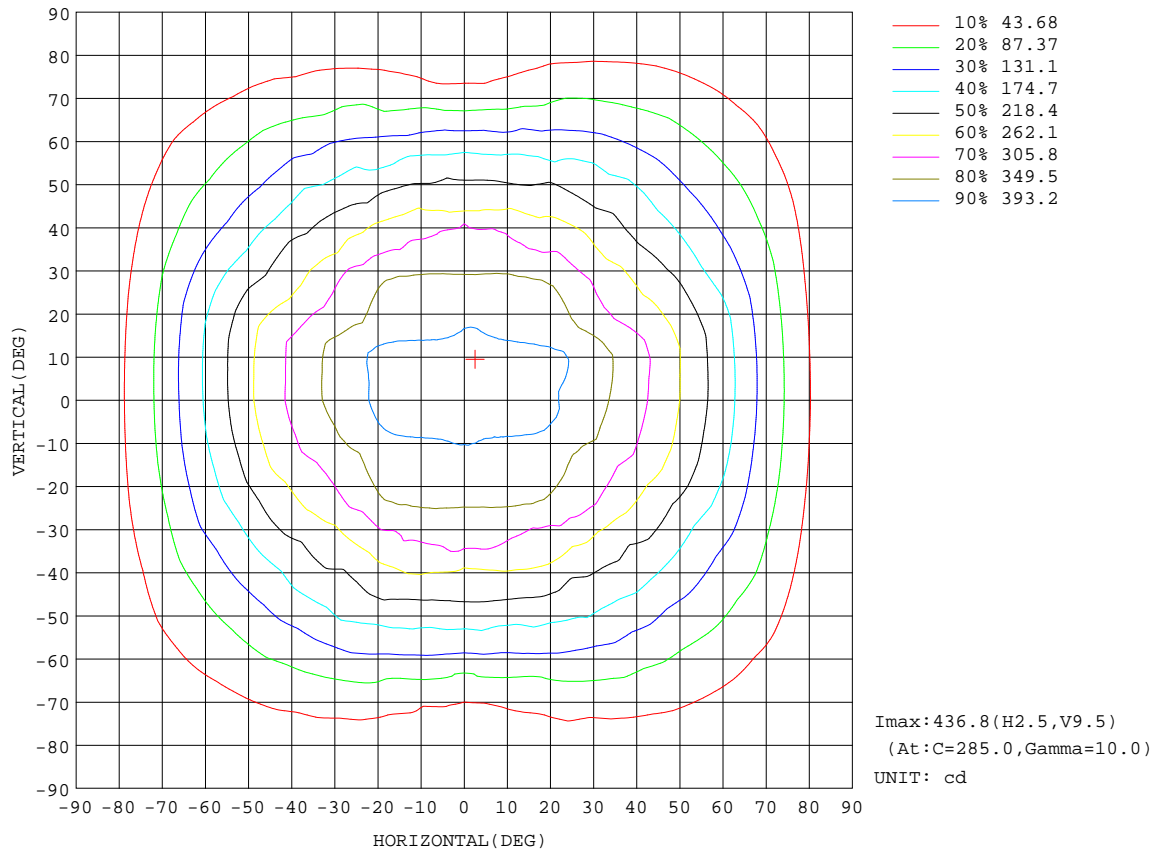
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	59	47	41	58	47	41	57	47	40	34
0.80	69	58	50	68	57	50	66	56	50	43
1.00	77	67	59	76	66	59	74	67	59	52
1.25	84	74	67	83	73	67	80	72	66	59
1.50	89	80	73	87	79	72	84	77	71	64
2.00	96	88	81	94	86	80	90	84	79	71
2.50	99	92	86	97	91	85	93	88	83	75
3.00	103	96	91	100	94	90	96	91	87	79
4.00	106	101	97	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:2019-05-21

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

ISOCANDELA DIAGRAM

Test:U:120.8V I:0.1320A P:15.70W PF:0.9850 Lamp Flux:1118.56x1 lm		
NAME: RNV15081200L30D1SN	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2019-05-21-02
MFR.: AFX	SUR.:0.3MX0.15M	PROTECTION ANGLE:

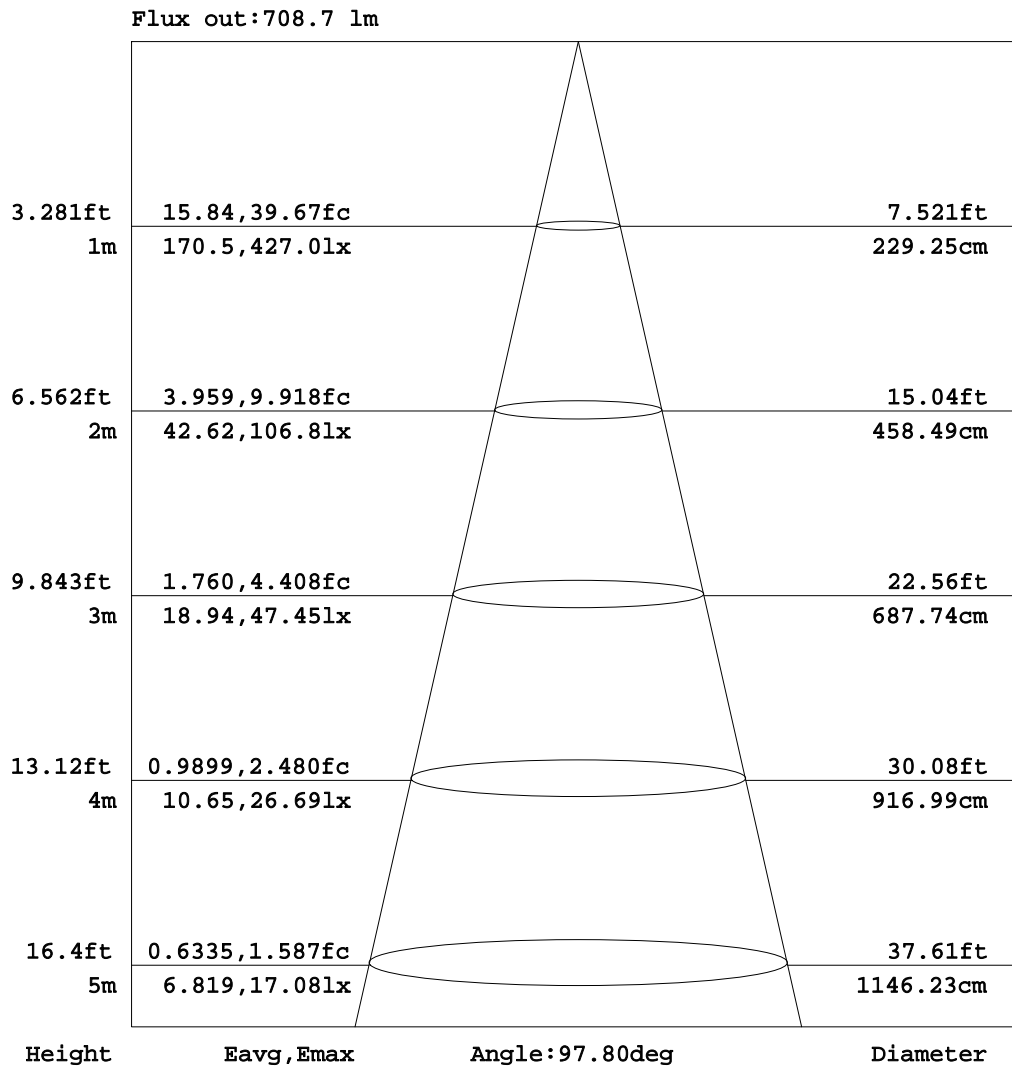


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: yechihong
 Test Date: 2019-05-21

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

AAI Figure

Test:U:120.8V I:0.1320A P:15.70W PF:0.9850 Lamp Flux:1118.56x1 lm		
NAME: RNV15081200L30D1SN	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2019-05-21-02
MFR.: AFX	SUR.:0.3MX0.15M	PROTECTION ANGLE:



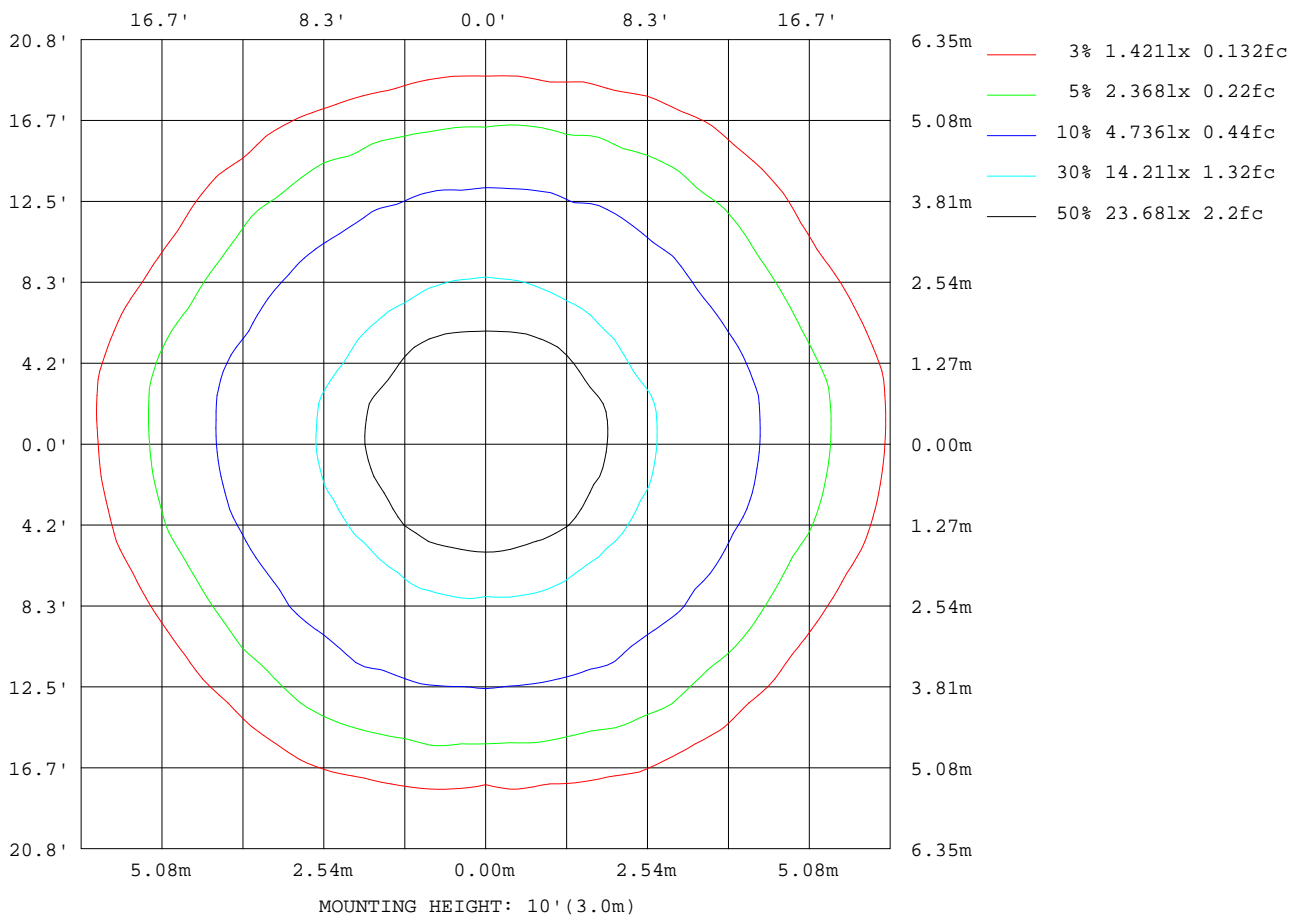
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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

ISOLUX DIAGRAM

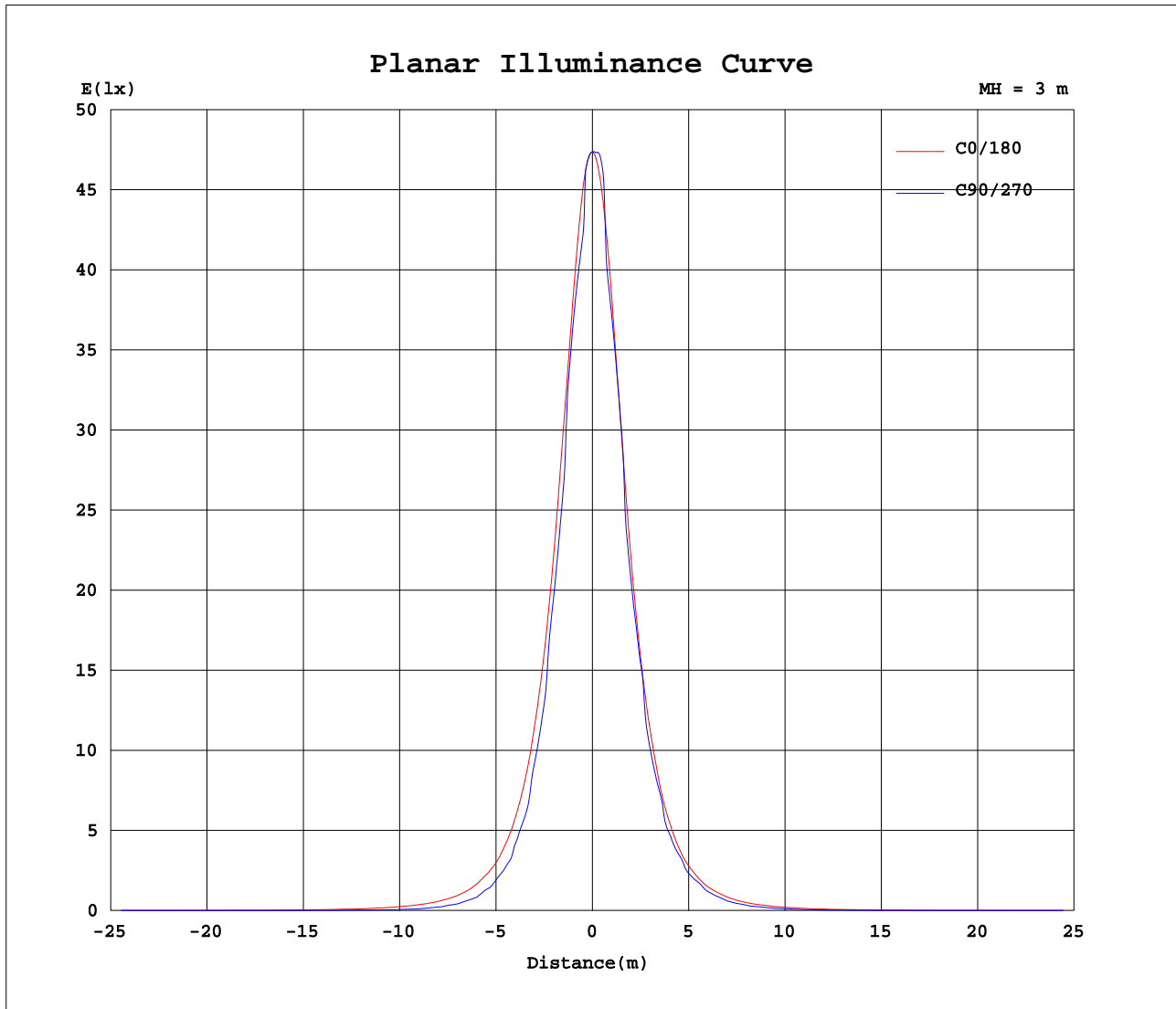
Test:U:120.8V I:0.1320A P:15.70W PF:0.9850 Lamp Flux:1118.56x1 lm		
NAME: RNV15081200L30D1SN	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2019-05-21-02
MFR.: AFX	SUR.:0.3MX0.15M	PROTECTION ANGLE:



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

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

Planar Illuminance Curve



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

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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.8V I:0.1320A P:15.70W PF:0.9850 Lamp Flux:1118.56x1 lm		
NAME: RNV15081200L30D1SN	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2019-05-21-02
MFR.: AFX	SUR.:0.3MX0.15M	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	426	425	425	424	424	424	424	423	424	424	424	424	425	425	425	426	426	426	426
5	425	425	424	423	423	423	423	423	423	423	423	423	424	424	424	425	425	425	425
10	420	420	420	420	419	419	419	419	419	414	404	397	393	393	393	394	393	394	393
15	411	411	411	411	410	410	400	387	384	385	385	386	387	388	388	389	389	389	389
20	399	399	398	396	392	381	373	373	373	375	377	379	380	381	382	383	383	383	383
25	384	384	381	377	370	359	359	360	362	363	364	366	366	368	365	362	351	346	345
30	366	362	359	357	345	342	343	344	346	346	345	333	331	320	320	321	321	321	321
35	342	339	336	334	320	320	320	322	324	312	311	301	298	303	300	304	305	305	305
40	318	315	312	310	298	297	294	295	281	282	272	274	278	276	270	269	260	254	255
45	293	289	287	283	269	264	259	243	243	242	237	238	238	242	232	231	235	234	234
50	262	257	256	249	235	231	229	214	217	209	206	201	209	205	196	196	190	188	190
55	228	224	221	215	201	198	193	185	188	181	178	177	174	169	171	158	155	157	149
60	193	189	184	178	163	158	156	156	153	147	148	149	140	138	134	128	121	121	115
65	153	150	147	141	131	127	125	121	121	115	116	113	109	104	89.8	86.2	84.3	80.9	77.8
70	117	115	111	108	98.9	95.4	90.9	88.6	88.9	84.3	86.0	80.9	74.8	68.3	61.8	57.1	52.3	45.6	43.7
75	81.6	79.0	75.1	74.2	68.3	66.6	64.1	62.3	60.7	57.2	54.7	51.3	47.0	45.9	41.8	34.6	27.2	22.4	19.9
80	45.5	42.5	41.0	39.8	37.0	36.1	34.4	33.9	32.1	30.0	28.5	28.9	27.2	25.5	22.6	18.9	13.8	10.0	8.02
85	19.9	19.2	16.5	15.7	13.9	12.6	11.0	11.2	12.1	12.3	11.9	12.1	11.7	11.2	10.4	9.29	7.02	4.12	3.13
90	3.96	4.79	4.55	4.88	5.69	5.90	5.52	5.53	6.81	7.37	7.08	7.11	7.00	6.85	6.34	5.58	4.02	1.84	0.69
95	5.33	5.21	4.77	4.75	5.46	5.47	4.83	4.43	5.52	6.06	5.79	5.78	5.54	5.17	4.46	3.60	2.41	1.29	0.63
100	3.55	3.66	3.45	3.01	2.98	3.38	3.45	3.41	3.57	3.71	3.53	3.44	3.30	3.20	2.80	1.92	1.35	0.89	0.64
105	2.61	2.81	2.90	2.84	2.54	2.47	2.50	2.61	2.65	2.59	2.43	2.31	2.11	1.82	1.72	1.48	0.97	0.69	0.63
110	2.13	2.33	2.40	2.61	2.82	2.52	2.50	2.49	2.36	2.25	1.91	1.63	1.30	0.99	0.83	0.77	0.76	0.74	0.76
115	1.81	1.94	2.07	2.35	2.50	2.77	2.68	2.37	2.17	1.89	1.65	1.32	1.08	0.99	0.97	0.95	0.96	0.94	0.96
120	1.60	1.74	1.95	2.13	2.37	2.58	2.81	2.88	2.26	1.82	1.44	1.31	1.22	1.16	1.16	1.18	1.18	1.16	1.17
125	1.57	1.77	1.93	2.18	2.43	2.61	2.68	2.50	2.17	2.06	1.58	1.48	1.43	1.39	1.38	1.42	1.42	1.41	1.41
130	1.63	1.84	1.97	2.18	2.41	2.58	2.60	2.29	2.10	2.13	2.05	1.89	1.65	1.58	1.58	1.62	1.63	1.65	1.69
135	1.73	1.92	2.03	2.19	2.27	2.15	2.10	2.09	2.03	1.99	2.00	1.94	1.89	1.81	1.81	1.81	1.84	1.88	1.98
140	1.88	1.79	1.82	1.88	1.96	2.02	2.06	2.06	2.02	1.98	1.93	1.88	1.87	1.87	1.85	1.82	1.88	1.93	1.95
145	1.79	1.85	1.90	1.95	1.99	2.03	2.05	2.06	2.04	2.01	1.97	1.95	1.95	1.92	1.86	1.84	1.91	1.97	2.00
150	1.87	1.90	1.94	1.96	2.01	2.02	2.04	2.05	2.04	2.02	2.01	2.01	2.01	1.93	1.92	1.93	1.99	2.09	2.11
155	1.95	1.96	1.99	2.00	2.03	2.04	2.05	2.06	2.07	2.06	2.06	2.02	2.01	1.99	2.01	2.03	2.10	2.20	2.22
160	2.00	2.01	2.03	2.03	2.06	2.08	2.08	2.09	2.10	2.10	2.04	2.03	2.06	2.06	2.09	2.10	2.17	2.28	2.30
165	2.08	2.07	2.10	2.09	2.11	2.13	2.13	2.14	2.15	2.10	2.08	2.10	2.14	2.14	2.18	2.19	2.25	2.37	2.40
170	2.14	2.13	2.14	2.15	2.16	2.17	2.17	2.17	2.14	2.12	2.16	2.15	2.19	2.20	2.22	2.23	2.32	2.41	2.42
175	2.21	2.20	2.26	2.29	2.30	2.29	2.28	2.26	2.24	2.24	2.27	2.28	2.32	2.33	2.36	2.37	2.43	2.45	2.50
180	2.29	2.28	2.29	2.27	2.25	2.23	2.21	2.21	2.21	2.22	2.25	2.25	2.30	2.32	2.36	2.38	2.44	2.44	2.48

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

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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.8V I:0.1320A P:15.70W PF:0.9850 Lamp Flux:1118.56x1 lm		
NAME: RNV15081200L30D1SN	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2019-05-21-02
MFR.: AFX	SUR.:0.3MX0.15M	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	427	427	427	427	427	426	426	426	426	425	425	425	425	425	425	424	425	426	425
5	426	425	425	425	425	425	425	424	424	423	423	423	423	422	422	422	422	424	424
10	394	393	394	393	394	395	400	408	416	419	419	419	419	418	418	418	418	420	419
15	389	389	389	388	387	386	385	385	385	385	391	402	410	410	411	410	411	413	412
20	383	383	382	382	381	380	379	378	377	375	375	375	384	391	395	397	398	400	400
25	350	353	356	361	369	369	368	367	365	363	361	358	359	368	372	376	379	382	383
30	321	321	321	321	331	336	335	343	344	340	337	335	335	343	349	352	358	362	364
35	307	302	303	303	307	300	307	304	301	311	309	308	310	316	326	329	334	339	341
40	261	266	270	273	278	275	269	270	270	268	280	282	285	289	302	305	310	314	315
45	234	238	234	244	248	241	235	229	235	236	236	252	257	262	275	277	282	287	287
50	188	199	200	199	212	213	205	203	211	212	210	220	227	232	240	243	247	252	255
55	160	160	163	173	172	180	181	177	179	183	177	181	188	194	204	207	212	216	220
60	119	125	131	134	141	147	149	145	143	148	146	147	151	158	168	170	175	179	183
65	82.6	87.9	91.8	92.4	107	111	111	112	110	114	114	114	118	123	132	134	137	139	144
70	48.6	50.3	57.3	65.1	71.1	74.6	77.7	79.2	80.4	84.0	82.7	82.6	85.4	88.5	94.7	95.2	98.7	101	103
75	24.0	28.7	35.2	42.3	45.3	46.7	51.7	50.6	51.9	53.7	54.2	54.7	56.6	58.0	61.9	61.8	64.7	66.3	68.5
80	9.57	14.4	20.0	22.7	23.5	24.3	25.4	25.8	27.2	28.7	28.4	27.1	27.9	30.7	32.6	33.3	35.7	36.7	37.5
85	3.94	7.04	9.57	10.5	10.9	11.0	11.3	11.2	11.5	11.2	10.3	9.62	11.3	12.2	12.1	12.2	13.8	13.7	14.0
90	1.80	4.04	5.78	6.53	6.98	7.17	7.40	7.38	7.51	7.14	5.70	5.73	6.28	6.18	5.48	5.04	5.03	3.68	4.22
95	1.14	2.49	3.77	4.65	5.22	5.67	5.99	6.00	6.12	5.69	4.67	4.84	4.96	5.03	4.76	4.93	5.57	5.48	5.74
100	0.85	1.38	2.07	3.03	3.50	3.67	3.75	3.76	3.81	3.63	3.54	3.53	3.29	3.04	3.28	3.85	3.73	3.34	3.49
105	0.71	1.10	1.60	1.93	2.00	2.32	2.61	2.75	2.87	2.97	2.94	2.90	2.85	2.94	3.36	3.23	3.01	2.53	2.55
110	0.74	0.77	0.80	0.86	1.10	1.51	1.90	2.23	2.66	2.84	2.97	3.04	3.17	3.43	3.15	2.98	2.72	2.22	2.20
115	0.95	0.97	0.98	1.00	1.05	1.15	1.46	1.87	2.22	2.66	2.94	3.49	3.58	3.29	3.01	2.80	2.51	2.00	1.99
120	1.15	1.18	1.20	1.21	1.21	1.28	1.37	1.51	1.94	2.58	3.39	3.42	3.18	2.98	2.72	2.44	2.17	1.67	1.64
125	1.39	1.41	1.44	1.43	1.44	1.47	1.53	1.62	2.28	2.47	2.75	3.11	3.05	2.93	2.69	2.35	2.07	1.56	1.50
130	1.64	1.64	1.66	1.62	1.62	1.67	1.99	2.24	2.34	2.36	2.48	2.89	2.90	2.81	2.63	2.35	2.11	1.59	1.49
135	1.86	1.83	1.87	1.86	1.89	1.96	2.06	2.17	2.19	2.27	2.35	2.70	2.77	2.68	2.54	2.35	2.16	1.62	1.55
140	1.91	1.92	1.92	1.95	1.96	1.96	1.99	2.07	2.15	2.21	2.29	2.34	2.62	2.58	2.51	2.39	2.23	1.63	1.47
145	1.98	1.99	2.01	2.03	2.03	2.05	2.08	2.12	2.15	2.20	2.23	2.27	2.48	2.46	2.47	2.40	2.29	1.68	1.53
150	2.10	2.12	2.13	2.14	2.15	2.16	2.16	2.19	2.20	2.22	2.23	2.26	2.39	2.39	2.42	2.40	2.34	1.77	1.61
155	2.21	2.22	2.23	2.24	2.25	2.27	2.27	2.29	2.28	2.29	2.30	2.31	2.38	2.38	2.42	2.42	2.38	1.87	1.70
160	2.30	2.31	2.30	2.33	2.33	2.35	2.35	2.36	2.35	2.36	2.35	2.37	2.40	2.40	2.45	2.45	2.43	1.97	1.81
165	2.38	2.40	2.40	2.41	2.41	2.43	2.42	2.45	2.44	2.46	2.45	2.46	2.48	2.49	2.52	2.52	2.52	2.06	1.92
170	2.42	2.45	2.47	2.49	2.48	2.49	2.49	2.50	2.51	2.52	2.53	2.53	2.53	2.54	2.56	2.58	2.57	2.19	2.06
175	2.53	2.55	2.56	2.58	2.59	2.61	2.60	2.61	2.61	2.60	2.60	2.60	2.60	2.59	2.59	2.60	2.60	2.26	2.15
180	2.48	2.50	2.51	2.53	2.54	2.54	2.55	2.57	2.58	2.58	2.58	2.59	2.60	2.60	2.60	2.61	2.62	2.39	2.29

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

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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.8V I:0.1320A P:15.70W PF:0.9850 Lamp Flux:1118.56x1 lm		
NAME: RNV15081200L30D1SN	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2019-05-21-02
MFR.: AFX	SUR.:0.3MX0.15M	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	425	424	424	424	424	423	424	424	424	424	425	425	425	426	426	426	426	427	427
5	423	423	423	423	423	424	424	425	425	426	427	428	428	429	430	431	431	431	431
10	419	419	419	420	422	423	425	427	428	430	431	432	433	434	435	436	436	437	437
15	413	413	414	417	419	421	423	424	421	415	406	395	393	393	393	394	395	395	395
20	400	402	405	408	410	408	400	385	380	381	382	384	385	387	389	390	391	392	391
25	384	387	390	393	386	375	366	368	370	373	375	376	378	379	381	382	383	383	383
30	365	368	371	365	356	347	349	353	356	360	363	363	357	351	345	337	336	337	344
35	342	346	346	337	326	327	330	334	339	329	329	325	317	317	318	319	320	320	320
40	317	322	314	305	295	296	301	303	296	299	291	295	300	300	305	304	307	305	307
45	291	295	282	267	263	265	261	253	261	260	263	260	261	266	254	256	257	257	255
50	259	262	250	236	235	235	224	225	227	227	217	225	227	230	229	232	239	235	230
55	225	225	217	201	199	197	195	197	193	189	189	193	184	191	185	189	188	191	188
60	187	183	175	162	159	157	158	163	157	158	158	151	156	146	149	152	149	152	154
65	147	140	134	126	126	125	125	128	123	125	123	118	114	106	111	107	108	109	115
70	107	102	99.9	94.9	95.7	94.7	94.8	95.8	91.5	88.2	91.1	89.9	80.3	75.7	71.3	67.2	62.0	64.8	71.5
75	70.8	69.2	69.1	65.3	64.8	64.2	65.0	64.3	62.3	61.1	60.9	59.9	53.4	51.4	42.9	34.8	31.6	35.1	44.3
80	37.0	37.3	37.8	35.4	36.6	37.1	37.2	37.5	37.3	36.8	36.5	36.0	31.9	27.0	21.7	15.9	13.8	15.2	22.6
85	14.3	15.0	16.1	15.5	14.8	14.2	16.7	17.0	16.2	16.4	16.7	16.1	15.8	14.7	10.7	7.10	5.38	6.94	11.5
90	5.24	6.21	7.22	8.02	7.57	7.29	8.98	9.59	9.11	8.93	8.86	8.52	8.15	7.34	5.42	2.83	1.76	2.99	5.59
95	6.01	6.47	7.08	7.78	7.68	6.83	8.36	8.09	7.59	7.32	6.98	6.40	5.80	4.73	3.22	1.46	0.74	1.60	3.31
100	3.82	4.68	6.41	7.34	7.78	7.72	7.17	6.64	6.07	5.66	5.26	4.66	4.07	3.00	2.03	1.15	0.74	1.21	2.18
105	2.76	3.08	4.06	4.52	5.53	6.46	5.95	5.25	4.80	4.47	4.06	3.56	3.05	2.27	1.51	1.09	0.91	1.14	1.70
110	2.38	2.63	2.90	3.54	3.86	4.04	4.16	4.13	3.92	3.64	3.37	2.94	2.43	1.94	1.49	1.13	1.02	1.20	1.64
115	2.12	2.30	2.51	2.64	3.04	3.32	3.30	3.21	3.16	3.06	2.81	2.45	2.06	1.66	1.32	1.14	1.09	1.21	1.48
120	1.74	1.85	1.94	2.02	2.08	2.23	2.75	2.88	2.75	2.58	2.40	2.15	1.80	1.52	1.31	1.21	1.20	1.29	1.44
125	1.60	1.67	1.73	1.74	1.72	1.69	1.68	2.25	2.54	2.37	2.16	1.92	1.68	1.50	1.39	1.34	1.35	1.42	1.51
130	1.51	1.53	1.58	1.60	1.60	1.63	1.68	1.66	1.66	1.99	2.00	1.82	1.68	1.58	1.54	1.54	1.57	1.62	1.63
135	1.62	1.67	1.76	1.84	1.90	2.01	2.11	2.06	2.02	2.05	2.00	2.02	1.99	1.97	1.94	2.04	2.09	1.88	1.90
140	1.48	1.53	1.54	1.57	1.59	1.63	1.65	1.67	1.69	1.74	1.76	1.79	1.82	1.84	1.80	1.80	1.79	1.85	1.89
145	1.51	1.51	1.61	1.63	1.65	1.66	1.67	1.69	1.70	1.74	1.78	1.82	1.84	1.87	1.88	1.88	1.90	1.96	1.96
150	1.59	1.58	1.59	1.67	1.69	1.71	1.72	1.73	1.76	1.79	1.82	1.87	1.89	1.91	1.94	1.96	1.99	2.00	2.01
155	1.68	1.67	1.67	1.67	1.73	1.76	1.78	1.80	1.82	1.87	1.90	1.94	1.96	1.97	2.01	2.05	2.07	2.09	2.09
160	1.79	1.78	1.77	1.77	1.77	1.80	1.86	1.89	1.91	1.96	1.98	2.01	2.02	2.05	2.09	2.12	2.13	2.16	2.15
165	1.91	1.91	1.89	1.89	1.89	1.88	1.91	1.96	1.99	2.02	2.05	2.09	2.11	2.14	2.17	2.20	2.21	2.22	2.23
170	2.04	2.04	2.02	2.02	2.01	2.01	2.00	2.02	2.06	2.12	2.14	2.20	2.21	2.25	2.26	2.29	2.29	2.31	2.32
175	2.15	2.13	2.13	2.12	2.12	2.12	2.12	2.13	2.15	2.20	2.25	2.30	2.32	2.35	2.36	2.38	2.39	2.41	2.42
180	2.29	2.28	2.24	2.23	2.21	2.21	2.20	2.22	2.22	2.27	2.28	2.32	2.37	2.40	2.43	2.45	2.47	2.49	2.49

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

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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.8V I:0.1320A P:15.70W PF:0.9850 Lamp Flux:1118.56x1 lm		
NAME: RNV15081200L30D1SN	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2019-05-21-02
MFR.: AFX	SUR.:0.3MX0.15M	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	427	427	427	426	426	426	426	425	425	425	425	425	425	424	425				
5	431	431	431	430	429	428	428	427	426	426	425	425	424	424	424				
10	437	436	436	435	435	434	433	431	429	427	425	423	421	420	419				
15	395	395	397	402	410	423	428	427	426	424	421	418	415	412	410				
20	390	389	388	386	385	384	384	392	407	414	412	409	405	401	398				
25	383	382	380	378	376	373	371	369	371	381	396	396	393	389	384				
30	352	356	362	365	362	360	356	355	352	355	365	378	376	373	369				
35	320	318	321	331	329	340	338	334	330	329	336	346	353	350	346				
40	305	299	298	296	306	303	298	303	298	296	299	315	328	325	321				
45	266	263	262	278	269	275	266	263	272	272	272	285	298	300	295				
50	231	230	245	235	235	232	234	229	235	239	243	255	263	270	264				
55	192	193	201	208	203	200	209	203	201	207	212	221	228	235	231				
60	155	164	162	171	176	171	177	175	170	172	174	179	187	197	195				
65	124	121	130	137	141	140	142	141	137	137	142	145	152	159	156				
70	80.6	86.2	95.8	102	104	107	111	109	106	105	105	109	113	121	119				
75	51.9	60.7	65.9	73.5	72.5	74.4	77.5	80.5	78.5	77.7	77.8	79.7	80.6	84.2	83.0				
80	28.4	38.0	40.4	44.1	45.9	48.5	50.5	51.2	48.7	47.6	46.5	47.5	46.0	47.9	45.5				
85	15.5	19.8	21.5	21.8	21.0	21.9	22.9	22.6	20.5	20.8	20.9	21.5	21.0	21.3	20.3				
90	7.89	8.62	9.11	9.52	9.66	9.78	10.0	9.26	7.31	7.92	8.31	7.92	7.15	6.04	4.90				
95	5.07	6.15	6.82	7.31	7.62	7.86	8.31	8.39	6.53	6.56	7.13	6.96	6.52	5.75	5.42				
100	3.20	4.43	5.06	5.66	6.04	6.42	6.90	7.23	6.97	7.10	6.98	6.54	5.19	4.24	3.76				
105	2.62	3.43	4.00	4.54	4.92	5.21	5.53	5.87	6.08	5.95	5.33	4.74	3.43	2.98	2.72				
110	2.26	2.83	3.40	3.86	4.24	4.57	4.74	4.67	4.58	4.52	4.22	3.24	2.79	2.46	2.29				
115	1.86	2.50	2.94	3.30	3.56	3.73	3.71	3.82	3.88	3.36	2.77	2.59	2.38	2.19	2.06				
120	1.72	2.14	2.59	2.77	2.94	3.10	3.19	3.09	2.49	2.29	2.23	2.17	2.06	1.95	1.82				
125	1.68	1.92	2.20	2.46	2.67	2.82	2.38	1.89	1.93	1.96	1.99	1.99	1.91	1.82	1.72				
130	1.73	1.88	2.07	2.26	2.14	1.79	1.83	1.85	1.85	1.84	1.83	1.84	1.82	1.80	1.76				
135	1.96	2.02	2.06	2.09	2.23	2.29	2.34	2.30	2.28	2.18	2.13	2.06	1.97	1.89	1.84				
140	1.92	1.97	2.00	2.01	2.01	2.01	2.01	2.01	2.00	1.97	1.97	1.95	1.92	1.90	1.87				
145	1.96	1.96	1.97	1.98	2.00	2.01	2.01	2.00	2.00	2.01	2.00	1.99	1.96	1.96	1.96				
150	2.02	2.02	2.03	2.03	2.05	2.06	2.05	2.05	2.07	2.08	2.08	2.07	2.07	2.06	2.06				
155	2.11	2.12	2.11	2.11	2.12	2.13	2.15	2.15	2.17	2.17	2.19	2.18	2.18	2.18	2.20				
160	2.19	2.20	2.20	2.20	2.21	2.22	2.22	2.23	2.25	2.26	2.27	2.27	2.27	2.27	2.27				
165	2.26	2.27	2.28	2.28	2.28	2.30	2.31	2.31	2.33	2.34	2.35	2.35	2.35	2.35	2.36				
170	2.35	2.37	2.37	2.37	2.39	2.40	2.41	2.41	2.43	2.43	2.44	2.44	2.46	2.46	2.45				
175	2.45	2.45	2.46	2.47	2.48	2.49	2.51	2.51	2.53	2.53	2.54	2.54	2.55	2.56	2.56				
180	2.52	2.53	2.53	2.54	2.55	2.56	2.58	2.57	2.59	2.58	2.59	2.59	2.60	2.61	2.62				

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

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

Photometric Data Table [cd]

G/C	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0
0.0	426.3	425.5	425.2	424.3	423.9	423.7	423.6	423.5	423.6	423.7
2.5	426.4	425.5	424.7	424.4	423.8	423.9	423.6	423.6	423.4	423.8
5.0	425.4	424.7	424.0	423.4	423.2	423.4	422.9	423.0	422.9	423.1
7.5	423.7	423.1	422.5	422.2	421.8	421.9	421.3	421.4	421.2	421.6
10.0	420.5	420.4	419.7	419.6	419.2	419.2	419.0	419.4	418.5	413.6
12.5	416.3	416.2	415.8	415.8	415.3	415.5	415.2	408.7	396.3	389.6
15.0	411.2	411.4	411.0	410.9	410.2	409.9	400.0	387.3	384.3	384.8
17.5	405.3	405.8	405.6	404.9	403.3	396.3	381.7	378.6	378.9	379.9
20.0	398.7	399.2	398.2	396.2	392.1	381.4	372.6	372.8	373.3	375.0
22.5	391.3	392.2	390.4	386.4	380.8	367.8	366.0	367.1	368.1	369.9
25.0	383.9	384.3	381.4	377.1	370.1	358.8	359.0	360.3	361.7	363.4
27.5	375.5	374.7	369.9	366.8	357.7	350.9	351.5	353.0	353.7	355.4
30.0	365.6	362.4	358.7	356.7	345.0	342.2	342.7	344.4	345.6	346.4
32.5	354.2	350.8	347.4	346.1	332.4	331.8	332.1	334.1	335.3	335.5
35.0	342.5	339.5	336.0	334.2	320.3	319.9	320.1	322.1	323.5	311.7
37.5	330.8	327.6	324.3	322.1	308.9	308.4	307.9	309.2	303.3	298.3
40.0	318.3	314.8	312.1	309.8	297.7	296.6	294.5	294.6	281.3	282.0
42.5	305.8	302.4	299.5	297.0	284.4	281.4	277.5	271.7	261.4	261.9
45.0	292.7	289.5	286.5	283.2	268.8	264.4	259.0	243.3	243.1	241.9
47.5	276.3	273.5	270.5	266.0	251.7	247.7	244.6	227.0	228.5	225.5
50.0	261.9	257.5	255.8	248.6	235.0	231.4	228.7	213.5	217.5	209.3
52.5	246.5	242.3	240.1	232.7	218.8	215.7	211.9	199.3	203.7	196.1
55.0	228.5	224.0	221.4	214.8	201.0	197.9	193.2	185.2	188.1	180.9
57.5	210.2	206.2	202.9	197.6	182.9	178.6	174.4	171.6	170.9	163.1
60.0	192.5	188.6	184.3	177.9	163.1	158.3	156.0	155.9	153.2	147.5
62.5	177.0	173.4	169.1	163.6	149.9	142.5	138.6	135.1	136.8	131.5
65.0	153.2	150.1	146.7	141.5	130.9	127.3	124.9	120.6	120.5	115.0
67.5	133.8	130.7	128.1	122.9	112.7	110.4	106.3	104.1	107.4	100.9
70.0	116.7	115.1	111.4	107.6	98.86	95.44	90.94	88.55	88.91	84.33
72.5	98.94	96.78	92.92	90.73	83.74	81.20	78.11	75.95	74.21	68.90
75.0	81.56	78.96	75.13	74.17	68.29	66.56	64.08	62.30	60.72	57.22
77.5	62.19	59.31	56.29	55.61	51.06	50.05	48.72	48.98	47.69	44.40
80.0	45.47	42.54	41.04	39.81	37.03	36.14	34.45	33.92	32.13	29.96
82.5	30.85	29.03	27.32	25.79	23.06	21.90	20.43	20.27	19.57	18.61
85.0	19.95	19.24	16.48	15.67	13.91	12.56	10.98	11.25	12.06	12.29
87.5	10.36	9.803	8.290	8.039	8.507	8.051	6.785	6.924	7.711	8.325
90.0	3.965	4.790	4.552	4.881	5.692	5.897	5.521	5.529	6.808	7.369
92.5	3.514	4.235	4.183	4.364	5.228	5.394	5.022	4.823	6.080	6.572
95.0	5.330	5.208	4.772	4.752	5.465	5.467	4.831	4.428	5.523	6.055
97.5	4.256	4.133	3.718	3.244	3.904	4.013	4.079	3.913	4.412	4.601
100.0	3.550	3.662	3.449	3.010	2.980	3.383	3.447	3.407	3.570	3.714
102.5	3.081	3.268	3.323	2.870	2.599	2.620	2.815	2.965	2.907	2.885
105.0	2.609	2.810	2.904	2.843	2.540	2.472	2.504	2.611	2.650	2.589
107.5	2.323	2.526	2.658	2.770	2.629	2.485	2.445	2.454	2.432	2.403
110.0	2.128	2.331	2.400	2.612	2.816	2.517	2.499	2.485	2.363	2.248
112.5	1.897	2.145	2.232	2.449	2.686	2.748	2.508	2.498	2.202	1.942
115.0	1.815	1.942	2.069	2.349	2.495	2.766	2.684	2.368	2.173	1.892
117.5	1.797	1.924	2.041	2.254	2.441	2.598	2.630	2.454	2.240	1.842
120.0	1.598	1.738	1.947	2.127	2.372	2.585	2.806	2.884	2.263	1.820
122.5	1.539	1.725	1.906	2.155	2.417	2.626	2.807	2.783	2.232	1.920
125.0	1.566	1.766	1.933	2.177	2.431	2.612	2.680	2.503	2.173	2.060
127.5	1.611	1.806	1.960	2.182	2.422	2.603	2.648	2.371	2.146	2.110
130.0	1.630	1.843	1.974	2.178	2.413	2.580	2.603	2.291	2.105	2.127
132.5	1.680	1.888	2.005	2.186	2.408	2.544	2.531	2.268	2.033	2.064
135.0	1.733	1.920	2.032	2.186	2.274	2.150	2.101	2.087	2.033	1.987
137.5	1.811	1.956	1.971	1.910	1.974	2.024	2.060	2.055	2.028	1.978
140.0	1.879	1.793	1.824	1.883	1.964	2.024	2.055	2.060	2.023	1.978
142.5	1.752	1.811	1.860	1.924	1.987	2.037	2.060	2.051	2.019	1.992
145.0	1.792	1.847	1.897	1.947	1.992	2.028	2.051	2.055	2.037	2.005
147.5	1.833	1.870	1.910	1.946	1.987	2.019	2.042	2.046	2.028	2.010
150.0	1.874	1.901	1.937	1.960	2.005	2.023	2.037	2.046	2.041	2.024
152.5	1.901	1.920	1.956	1.978	2.019	2.028	2.037	2.046	2.037	2.037
155.0	1.951	1.965	1.987	1.996	2.032	2.042	2.055	2.060	2.073	2.064
157.5	1.978	1.983	2.014	2.024	2.051	2.064	2.069	2.087	2.087	2.087
160.0	2.001	2.010	2.028	2.028	2.060	2.078	2.082	2.092	2.096	2.096
162.5	2.041	2.042	2.073	2.073	2.100	2.110	2.118	2.123	2.128	2.100
165.0	2.078	2.073	2.096	2.091	2.114	2.128	2.132	2.137	2.146	2.100
167.5	2.096	2.096	2.118	2.119	2.141	2.146	2.150	2.150	2.114	2.096
170.0	2.137	2.132	2.141	2.146	2.164	2.173	2.168	2.168	2.141	2.119
172.5	2.182	2.173	2.182	2.178	2.200	2.223	2.259	2.214	2.182	2.182
175.0	2.209	2.200	2.259	2.291	2.304	2.291	2.282	2.263	2.241	2.241
177.5	2.313	2.304	2.304	2.286	2.286	2.268	2.259	2.232	2.236	2.241
180.0	2.291	2.282	2.286	2.272	2.245	2.227	2.214	2.209	2.209	2.218

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

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

Photometric Data Table [cd]

G/C	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0
0.0	423.7	424.1	424.5	424.8	425.1	425.5	425.9	426.1	426.3	426.6
2.5	423.9	424.0	424.3	424.5	425.2	425.2	425.8	425.7	426.1	426.6
5.0	423.1	423.4	423.8	423.8	424.4	424.7	424.9	425.1	425.2	425.6
7.5	421.9	422.1	421.6	420.7	417.5	415.8	412.6	413.0	411.3	413.4
10.0	403.9	397.1	393.2	393.2	393.2	393.5	393.4	393.8	393.5	393.7
12.5	388.9	389.6	389.3	390.1	390.2	390.8	391.1	391.2	391.1	391.2
15.0	385.2	386.4	386.6	387.7	388.2	388.5	389.3	389.3	389.4	389.3
17.5	381.3	383.0	383.7	385.1	385.8	386.6	386.8	386.9	387.0	387.0
20.0	376.5	378.6	379.8	381.3	382.0	382.6	382.6	382.7	382.8	382.8
22.5	371.2	372.7	374.0	375.7	376.3	377.0	377.0	377.1	377.0	377.2
25.0	364.3	365.9	366.5	367.6	365.4	361.6	351.2	346.4	345.3	349.9
27.5	356.1	357.2	348.9	342.8	332.8	329.9	329.7	329.9	329.2	329.2
30.0	344.6	333.4	330.7	320.0	319.9	321.1	321.1	321.3	320.8	320.9
32.5	322.1	321.7	309.2	309.6	310.3	312.1	313.8	312.2	311.7	311.9
35.0	311.1	300.5	298.3	302.7	300.0	303.8	305.3	305.1	304.6	307.4
37.5	295.9	287.1	287.2	288.7	294.4	290.8	289.4	295.1	283.6	282.7
40.0	272.3	274.2	272.6	276.4	270.0	268.7	259.6	254.4	255.3	260.8
42.5	253.6	256.9	256.3	255.2	255.0	243.7	245.2	245.2	245.3	244.5
45.0	237.5	238.2	238.4	241.5	232.3	230.8	234.6	233.6	234.4	234.0
47.5	223.8	215.0	222.7	225.2	219.0	213.5	211.3	209.4	204.3	213.9
50.0	205.8	201.4	208.7	205.1	196.0	195.8	190.4	188.5	190.4	187.8
52.5	189.7	188.6	199.1	186.2	184.2	178.9	176.5	177.0	177.7	178.9
55.0	177.7	177.2	173.6	169.2	171.5	158.4	155.1	157.2	148.8	159.5
57.5	163.5	166.5	161.8	155.4	145.9	142.2	140.5	136.2	136.6	137.6
60.0	148.3	149.4	140.1	138.2	133.8	128.0	121.0	120.5	114.8	119.0
62.5	133.7	127.7	125.2	123.7	112.4	109.8	106.5	97.78	97.44	103.6
65.0	116.0	112.7	108.6	103.9	89.85	86.18	84.29	80.88	77.76	82.56
67.5	98.40	96.49	92.23	85.58	77.47	69.48	67.66	62.66	60.00	63.82
70.0	86.04	80.90	74.82	68.31	61.78	57.11	52.26	45.61	43.74	48.58
72.5	67.82	66.74	59.68	55.97	49.25	46.35	40.21	32.09	27.92	34.41
75.0	54.73	51.34	47.02	45.94	41.82	34.58	27.24	22.44	19.91	23.96
77.5	42.55	39.89	35.87	35.00	31.23	25.21	21.20	15.55	13.56	15.24
80.0	28.55	28.91	27.24	25.55	22.60	18.86	13.84	10.01	8.023	9.573
82.5	17.86	18.43	17.70	16.63	13.15	10.15	6.503	5.074	5.074	6.178
85.0	11.89	12.05	11.71	11.18	10.36	9.293	7.018	4.124	3.133	3.943
87.5	8.043	8.151	8.099	8.064	7.599	6.870	5.151	2.723	1.505	2.577
90.0	7.084	7.107	7.000	6.850	6.341	5.578	4.018	1.840	0.6874	1.796
92.5	6.343	6.384	6.232	6.071	5.415	4.544	3.100	1.448	0.7236	1.322
95.0	5.793	5.778	5.536	5.172	4.459	3.599	2.412	1.286	0.6253	1.141
97.5	4.475	4.542	4.387	4.101	3.721	2.779	1.938	1.132	0.6701	1.032
100.0	3.527	3.437	3.302	3.199	2.796	1.923	1.350	0.8912	0.6428	0.8499
102.5	2.876	2.890	2.826	2.551	2.079	1.534	0.9691	0.7152	0.6068	0.7061
105.0	2.427	2.308	2.110	1.816	1.720	1.475	0.9721	0.6927	0.6333	0.7109
107.5	2.282	1.939	1.531	1.185	0.8566	1.004	1.020	0.7237	0.6650	0.7364
110.0	1.910	1.628	1.300	0.9912	0.8284	0.7746	0.7604	0.7429	0.7602	0.7381
112.5	1.744	1.457	1.124	0.9371	0.8688	0.8513	0.8554	0.8379	0.8505	0.8380
115.0	1.653	1.317	1.082	0.9914	0.9684	0.9465	0.9593	0.9416	0.9551	0.9462
117.5	1.499	1.263	1.136	1.064	1.068	1.064	1.068	1.051	1.064	1.050
120.0	1.439	1.308	1.222	1.164	1.163	1.177	1.177	1.163	1.172	1.151
122.5	1.489	1.385	1.326	1.277	1.267	1.299	1.295	1.281	1.290	1.273
125.0	1.579	1.480	1.426	1.386	1.380	1.417	1.416	1.413	1.412	1.386
127.5	1.918	1.575	1.512	1.485	1.480	1.530	1.529	1.531	1.552	1.521
130.0	2.046	1.885	1.647	1.576	1.575	1.621	1.634	1.648	1.688	1.644
132.5	2.055	1.960	1.856	1.725	1.671	1.702	1.738	1.807	1.878	1.762
135.0	2.001	1.942	1.892	1.811	1.810	1.811	1.842	1.883	1.983	1.861
137.5	1.920	1.924	1.897	1.856	1.824	1.856	1.897	1.915	1.946	1.914
140.0	1.928	1.883	1.874	1.865	1.851	1.815	1.884	1.932	1.947	1.906
142.5	1.955	1.924	1.901	1.879	1.838	1.806	1.883	1.920	1.947	1.928
145.0	1.974	1.951	1.951	1.919	1.856	1.843	1.915	1.970	2.001	1.979
147.5	1.987	1.983	1.978	1.942	1.883	1.884	1.947	2.024	2.059	2.042
150.0	2.014	2.015	2.014	1.928	1.924	1.933	1.991	2.092	2.109	2.096
152.5	2.028	2.033	1.969	1.952	1.969	1.974	2.041	2.137	2.164	2.151
155.0	2.064	2.019	2.014	1.992	2.014	2.028	2.105	2.196	2.223	2.209
157.5	2.073	2.033	2.033	2.033	2.059	2.069	2.141	2.245	2.263	2.250
160.0	2.042	2.033	2.060	2.064	2.091	2.100	2.173	2.277	2.304	2.300
162.5	2.069	2.073	2.105	2.110	2.136	2.150	2.222	2.327	2.367	2.354
165.0	2.083	2.096	2.137	2.141	2.177	2.191	2.254	2.372	2.399	2.381
167.5	2.128	2.114	2.159	2.178	2.195	2.205	2.272	2.381	2.408	2.399
170.0	2.164	2.146	2.186	2.200	2.218	2.228	2.322	2.408	2.422	2.422
172.5	2.214	2.205	2.245	2.259	2.304	2.336	2.408	2.418	2.471	2.485
175.0	2.272	2.277	2.322	2.331	2.358	2.368	2.431	2.454	2.499	2.530
177.5	2.268	2.272	2.309	2.331	2.345	2.372	2.444	2.472	2.499	2.512
180.0	2.245	2.250	2.304	2.322	2.358	2.381	2.435	2.445	2.476	2.481

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

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

Photometric Data Table [cd]

G/C	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0
0.0	426.6	426.7	426.6	426.8	426.4	426.3	425.7	425.6	425.5	425.2
2.5	426.4	426.3	426.0	426.1	425.9	425.6	424.8	424.8	424.4	424.4
5.0	425.3	425.4	425.3	425.0	424.8	424.5	423.7	423.8	423.4	423.4
7.5	413.9	418.0	419.7	422.5	422.9	422.8	422.2	422.0	421.8	421.4
10.0	393.5	393.6	393.5	393.8	395.0	399.5	407.8	416.3	419.2	419.0
12.5	390.9	390.7	390.2	389.9	389.4	389.0	389.0	391.4	398.9	411.3
15.0	388.8	388.6	387.8	387.2	386.2	385.4	385.0	384.6	384.9	390.5
17.5	386.7	386.3	385.5	384.9	383.6	382.7	381.7	380.6	380.2	380.0
20.0	382.7	382.4	382.0	381.1	380.3	379.4	378.1	376.8	375.5	374.5
22.5	376.4	376.6	376.4	376.1	375.5	374.6	373.3	372.0	369.9	368.4
25.0	353.0	356.5	361.3	368.7	368.9	368.5	367.0	365.3	362.8	360.7
27.5	329.1	333.6	342.8	346.2	348.7	359.8	358.2	356.0	352.9	350.5
30.0	320.6	321.2	321.4	331.0	336.5	335.5	343.1	344.4	340.3	337.2
32.5	315.2	313.4	312.3	313.0	319.0	323.0	319.4	328.1	325.7	322.8
35.0	302.1	302.5	302.9	306.7	299.6	307.5	304.4	301.2	311.0	309.1
37.5	284.5	290.0	294.1	292.1	287.0	283.9	288.6	286.5	288.7	294.8
40.0	266.4	270.4	273.3	278.3	275.2	268.6	270.4	270.1	267.7	280.5
42.5	245.5	252.7	259.1	254.9	254.3	251.1	247.6	249.3	248.9	258.4
45.0	237.9	234.4	243.6	247.6	240.7	234.6	228.9	235.2	235.5	236.1
47.5	212.7	214.8	221.6	229.1	226.8	219.5	215.2	224.5	224.1	223.0
50.0	199.2	199.5	199.4	211.5	212.6	205.4	202.9	211.4	212.2	209.6
52.5	180.4	187.2	186.1	186.9	201.4	192.4	190.2	196.3	199.8	195.1
55.0	159.9	162.5	173.0	171.9	179.7	180.8	176.8	179.4	182.7	177.3
57.5	146.8	144.5	151.0	155.5	165.0	166.1	163.2	160.7	163.5	161.9
60.0	125.4	130.7	134.4	140.7	147.1	148.8	145.4	142.6	148.4	145.8
62.5	108.1	114.1	114.1	123.2	128.3	127.6	129.2	126.9	130.4	129.8
65.0	87.87	91.82	92.36	107.3	110.6	111.3	111.8	109.8	114.0	114.5
67.5	68.55	71.05	82.56	88.18	91.18	94.22	94.03	96.60	97.40	97.18
70.0	50.28	57.28	65.06	71.13	74.58	77.65	79.20	80.44	83.95	82.74
72.5	40.35	49.25	51.35	56.95	59.56	63.67	65.85	66.44	67.56	66.95
75.0	28.74	35.19	42.34	45.27	46.67	51.66	50.60	51.85	53.71	54.22
77.5	22.80	24.98	31.63	35.46	35.43	38.43	39.16	39.92	40.29	40.86
80.0	14.37	19.98	22.71	23.52	24.34	25.41	25.75	27.20	28.69	28.43
82.5	10.28	13.89	15.61	15.98	16.68	17.47	16.95	17.91	18.42	17.34
85.0	7.041	9.569	10.49	10.90	10.99	11.32	11.21	11.53	11.18	10.28
87.5	5.110	7.029	7.732	8.081	8.153	8.311	8.239	8.277	7.803	6.783
90.0	4.041	5.782	6.529	6.984	7.166	7.402	7.383	7.514	7.135	5.699
92.5	3.183	4.665	5.538	6.124	6.429	6.705	6.680	6.841	6.448	5.128
95.0	2.493	3.767	4.650	5.219	5.668	5.993	6.003	6.124	5.694	4.669
97.5	1.960	2.952	3.904	4.282	4.504	4.629	4.550	4.593	4.594	4.053
100.0	1.377	2.066	3.029	3.503	3.667	3.747	3.760	3.810	3.626	3.543
102.5	1.050	1.679	2.324	2.819	3.186	3.207	3.061	3.033	3.175	3.196
105.0	1.104	1.602	1.931	1.997	2.325	2.611	2.753	2.870	2.966	2.938
107.5	1.069	1.016	0.9068	1.362	1.802	2.251	2.662	2.766	2.856	2.902
110.0	0.7738	0.7970	0.8601	1.100	1.512	1.900	2.234	2.661	2.838	2.974
112.5	0.8598	0.8830	0.9142	0.9959	1.277	1.683	2.061	2.322	2.705	3.055
115.0	0.9727	0.9828	1.004	1.046	1.150	1.462	1.871	2.222	2.657	2.938
117.5	1.068	1.078	1.109	1.118	1.195	1.335	1.626	2.040	2.671	3.130
120.0	1.177	1.200	1.208	1.213	1.281	1.368	1.507	1.942	2.580	3.391
122.5	1.289	1.318	1.308	1.336	1.372	1.440	1.543	2.056	2.526	3.068
125.0	1.408	1.444	1.429	1.435	1.471	1.526	1.621	2.278	2.472	2.747
127.5	1.525	1.567	1.525	1.526	1.557	1.621	2.006	2.350	2.422	2.557
130.0	1.638	1.662	1.620	1.617	1.670	1.989	2.241	2.340	2.363	2.481
132.5	1.738	1.747	1.747	1.770	1.960	2.110	2.223	2.277	2.277	2.462
135.0	1.833	1.869	1.857	1.888	1.965	2.064	2.173	2.186	2.268	2.354
137.5	1.914	1.978	2.012	2.077	2.156	2.108	2.087	2.168	2.246	2.313
140.0	1.915	1.924	1.951	1.956	1.960	1.988	2.073	2.155	2.209	2.286
142.5	1.946	1.947	1.974	1.974	1.992	2.024	2.087	2.146	2.200	2.250
145.0	1.991	2.006	2.028	2.033	2.050	2.078	2.123	2.146	2.196	2.232
147.5	2.060	2.064	2.087	2.096	2.105	2.110	2.146	2.164	2.191	2.218
150.0	2.118	2.128	2.141	2.146	2.164	2.164	2.191	2.200	2.222	2.232
152.5	2.173	2.173	2.186	2.196	2.213	2.214	2.232	2.236	2.254	2.259
155.0	2.222	2.232	2.241	2.250	2.272	2.268	2.290	2.277	2.295	2.295
157.5	2.281	2.277	2.295	2.300	2.309	2.318	2.327	2.327	2.318	2.327
160.0	2.313	2.304	2.331	2.331	2.349	2.349	2.358	2.349	2.358	2.354
162.5	2.372	2.368	2.390	2.377	2.390	2.399	2.417	2.409	2.422	2.409
165.0	2.404	2.400	2.413	2.413	2.426	2.422	2.454	2.445	2.458	2.454
167.5	2.422	2.426	2.440	2.431	2.458	2.454	2.467	2.467	2.472	2.468
170.0	2.453	2.467	2.490	2.481	2.490	2.494	2.503	2.508	2.517	2.526
172.5	2.512	2.535	2.562	2.558	2.557	2.549	2.558	2.553	2.558	2.549
175.0	2.553	2.562	2.585	2.594	2.612	2.603	2.607	2.607	2.603	2.603
177.5	2.540	2.544	2.567	2.576	2.589	2.585	2.585	2.603	2.603	2.607
180.0	2.499	2.508	2.526	2.540	2.544	2.553	2.567	2.576	2.580	2.576

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

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

Photometric Data Table [cd]

G/C	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0
0.0	424.9	425.0	424.8	424.6	424.4	424.6	426.3	425.5	425.2	424.3
2.5	424.3	424.0	423.9	423.9	423.5	423.8	425.8	424.9	424.7	424.0
5.0	423.1	422.8	422.3	422.3	422.1	422.4	424.3	423.8	423.5	423.1
7.5	421.2	421.0	420.7	420.4	420.2	420.5	422.4	421.8	421.5	421.6
10.0	418.9	418.5	417.9	418.0	417.5	417.6	419.8	419.1	418.9	419.3
12.5	415.4	415.3	414.9	414.8	414.5	414.4	416.6	415.9	416.3	416.1
15.0	402.1	409.7	409.9	410.6	410.4	410.7	412.9	412.2	412.9	412.8
17.5	386.6	396.9	401.9	404.3	404.9	405.5	407.3	406.9	407.3	408.2
20.0	374.6	384.0	390.7	395.0	396.8	398.3	400.1	400.1	400.4	402.3
22.5	366.5	371.2	378.8	383.9	387.0	389.6	391.9	392.2	392.8	395.0
25.0	358.5	358.8	367.7	372.1	375.7	379.2	382.3	383.2	384.2	386.6
27.5	348.1	347.4	356.2	360.2	363.6	368.3	372.5	373.7	375.1	377.6
30.0	334.9	335.5	342.8	349.1	352.0	357.7	362.5	363.8	365.1	367.5
32.5	321.2	322.8	328.8	338.0	340.7	346.0	351.4	352.8	354.3	357.1
35.0	308.4	310.3	315.5	326.2	329.2	333.9	339.2	340.6	342.3	345.5
37.5	294.4	297.5	302.3	314.7	317.7	322.4	327.1	327.9	330.1	333.8
40.0	281.8	284.7	289.1	302.2	304.8	309.8	314.1	314.7	317.4	321.6
42.5	268.0	271.9	275.2	288.9	291.2	296.6	300.7	301.0	304.1	308.4
45.0	252.2	256.8	261.8	274.7	276.8	282.4	286.7	287.0	290.8	294.7
47.5	235.5	242.8	248.1	258.3	261.3	266.8	272.0	272.5	277.5	279.8
50.0	220.0	226.5	231.9	240.4	242.5	247.5	252.0	254.5	258.7	261.9
52.5	199.9	207.4	211.9	221.5	224.3	230.0	234.6	237.2	241.6	242.0
55.0	181.0	188.3	193.9	203.9	206.8	212.2	216.1	219.7	225.3	224.6
57.5	165.9	169.3	174.4	184.3	186.4	191.5	194.9	198.7	204.4	203.3
60.0	146.8	150.9	157.6	167.7	170.5	175.3	178.5	182.6	186.6	182.9
62.5	131.9	136.3	141.1	149.7	150.7	154.4	156.8	161.4	166.4	163.3
65.0	114.2	118.3	123.1	132.0	133.8	137.5	139.4	143.7	146.6	140.4
67.5	99.87	103.8	106.5	113.9	113.6	117.5	119.6	123.8	127.6	122.5
70.0	82.59	85.43	88.50	94.71	95.18	98.68	100.5	103.4	106.9	101.9
72.5	66.97	69.75	72.96	78.24	78.88	82.20	83.99	86.32	88.02	83.87
75.0	54.72	56.60	57.96	61.92	61.83	64.68	66.31	68.45	70.76	69.16
77.5	41.25	43.11	44.89	47.87	48.01	50.29	50.98	52.58	53.73	52.35
80.0	27.09	27.85	30.72	32.63	33.30	35.73	36.66	37.49	36.98	37.32
82.5	16.36	18.51	19.72	20.69	21.62	23.71	24.04	24.44	24.10	24.31
85.0	9.617	11.30	12.25	12.05	12.17	13.82	13.69	14.00	14.26	15.02
87.5	6.603	7.454	7.497	6.606	6.044	6.321	5.759	6.595	7.737	9.029
90.0	5.726	6.282	6.180	5.481	5.044	5.034	3.680	4.223	5.237	6.211
92.5	5.487	6.190	6.246	5.636	5.327	5.297	4.106	4.517	5.123	5.785
95.0	4.844	4.965	5.025	4.763	4.927	5.566	5.477	5.735	6.006	6.472
97.5	4.325	4.245	3.993	3.548	3.875	4.096	3.805	3.976	4.691	5.975
100.0	3.533	3.292	3.043	3.277	3.853	3.733	3.335	3.495	3.824	4.682
102.5	3.044	2.892	2.893	3.173	3.479	3.289	2.823	2.850	3.074	3.840
105.0	2.897	2.852	2.942	3.363	3.233	3.010	2.530	2.545	2.756	3.083
107.5	2.942	2.984	3.294	3.263	3.074	2.842	2.349	2.351	2.557	2.816
110.0	3.037	3.174	3.427	3.155	2.979	2.721	2.223	2.201	2.381	2.635
112.5	3.209	3.541	3.359	3.069	2.888	2.607	2.114	2.087	2.236	2.450
115.0	3.489	3.580	3.287	3.006	2.798	2.507	2.001	1.987	2.118	2.304
117.5	3.490	3.318	3.097	2.892	2.708	2.431	1.928	1.915	2.036	2.164
120.0	3.422	3.182	2.979	2.720	2.445	2.173	1.674	1.640	1.737	1.848
122.5	3.279	3.132	2.947	2.703	2.363	2.060	1.548	1.507	1.612	1.720
125.0	3.106	3.051	2.929	2.689	2.354	2.069	1.557	1.503	1.602	1.675
127.5	2.997	2.983	2.866	2.662	2.354	2.091	1.544	1.508	1.580	1.612
130.0	2.893	2.897	2.811	2.625	2.354	2.114	1.589	1.494	1.512	1.535
132.5	2.816	2.816	2.752	2.571	2.354	2.150	1.598	1.521	1.549	1.588
135.0	2.703	2.775	2.680	2.540	2.354	2.164	1.621	1.552	1.616	1.666
137.5	2.418	2.662	2.630	2.521	2.363	2.196	1.634	1.494	1.584	1.612
140.0	2.340	2.616	2.581	2.512	2.386	2.232	1.633	1.471	1.485	1.535
142.5	2.309	2.558	2.508	2.485	2.390	2.268	1.635	1.485	1.507	1.526
145.0	2.273	2.481	2.458	2.467	2.399	2.291	1.675	1.530	1.508	1.507
147.5	2.259	2.421	2.404	2.431	2.386	2.309	1.720	1.566	1.544	1.548
150.0	2.259	2.385	2.390	2.422	2.399	2.336	1.766	1.612	1.594	1.580
152.5	2.272	2.367	2.381	2.413	2.395	2.358	1.807	1.652	1.630	1.611
155.0	2.309	2.377	2.381	2.417	2.417	2.377	1.865	1.702	1.680	1.666
157.5	2.336	2.390	2.399	2.431	2.431	2.404	1.920	1.761	1.739	1.720
160.0	2.367	2.404	2.399	2.449	2.449	2.431	1.969	1.815	1.793	1.779
162.5	2.422	2.440	2.449	2.490	2.485	2.472	2.028	1.874	1.861	1.842
165.0	2.458	2.476	2.494	2.522	2.521	2.517	2.060	1.924	1.915	1.906
167.5	2.503	2.508	2.512	2.549	2.557	2.544	2.128	1.992	1.974	1.983
170.0	2.531	2.531	2.539	2.562	2.576	2.571	2.187	2.055	2.042	2.037
172.5	2.575	2.580	2.580	2.580	2.589	2.594	2.236	2.109	2.096	2.091
175.0	2.603	2.598	2.594	2.594	2.603	2.603	2.259	2.155	2.146	2.132
177.5	2.607	2.607	2.617	2.612	2.612	2.617	2.358	2.281	2.205	2.200
180.0	2.589	2.598	2.598	2.603	2.607	2.617	2.386	2.291	2.286	2.282

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

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

Photometric Data Table [cd]

G/C	200.0	205.0	210.0	215.0	220.0	225.0	230.0	235.0	240.0	245.0
0.0	423.9	423.7	423.6	423.5	423.6	423.7	423.7	424.1	424.5	424.8
2.5	423.6	423.4	423.6	423.5	423.6	423.9	424.1	424.9	425.2	425.2
5.0	423.1	423.2	423.3	423.6	423.5	424.6	424.9	425.9	427.0	428.0
7.5	421.8	421.6	422.3	423.3	424.6	426.2	427.3	428.6	430.1	431.6
10.0	419.3	420.4	421.7	423.2	424.9	426.8	428.4	430.4	431.3	432.5
12.5	417.1	418.8	420.6	422.4	424.3	426.3	427.5	429.4	430.0	428.2
15.0	414.5	416.6	418.8	420.8	422.7	423.8	421.0	415.0	405.9	395.4
17.5	410.6	413.1	415.7	417.4	416.2	409.1	396.6	387.3	386.6	387.4
20.0	405.3	408.1	410.2	407.7	399.6	385.4	380.5	380.9	382.4	383.8
22.5	398.2	400.7	401.3	391.4	379.4	374.0	375.7	377.3	378.5	380.1
25.0	390.0	392.5	385.9	374.7	366.1	367.8	370.4	373.0	374.8	376.3
27.5	380.7	380.1	369.8	357.8	358.0	360.7	363.9	366.9	369.2	370.7
30.0	371.1	364.9	356.4	346.7	349.2	352.9	356.5	359.8	362.6	363.1
32.5	361.1	349.4	339.9	336.9	340.1	344.4	348.5	351.2	346.5	339.7
35.0	346.2	337.3	325.9	326.6	329.8	334.4	338.7	328.6	328.9	325.3
37.5	330.6	323.1	311.7	312.4	317.1	322.4	315.5	313.4	314.9	306.2
40.0	314.2	305.5	295.0	295.6	300.8	302.7	295.8	298.9	290.8	295.4
42.5	297.1	285.2	277.8	278.5	282.2	272.8	278.9	278.1	275.9	281.8
45.0	282.1	267.4	262.9	264.6	261.1	253.2	261.3	259.8	262.6	260.3
47.5	266.4	251.5	248.9	249.8	237.1	238.1	244.4	241.7	238.2	237.6
50.0	249.9	236.3	234.7	234.8	224.2	225.4	226.6	226.9	217.3	225.0
52.5	233.3	219.3	218.3	218.6	211.3	212.0	208.4	203.2	203.5	208.4
55.0	216.7	201.2	199.2	197.5	195.3	197.2	192.9	188.9	189.1	193.0
57.5	196.4	183.0	179.8	175.4	176.4	181.8	172.9	174.1	177.5	162.1
60.0	174.5	161.6	159.5	156.7	158.5	163.2	156.9	158.4	158.4	151.0
62.5	157.1	145.6	141.2	138.7	143.6	145.5	139.4	142.9	141.0	135.3
65.0	134.4	126.1	126.0	124.8	125.1	128.5	122.9	124.7	122.7	118.3
67.5	118.1	110.5	109.0	107.5	111.4	111.3	107.1	105.8	105.6	101.0
70.0	99.89	94.86	95.70	94.73	94.83	95.75	91.48	88.18	91.09	89.95
72.5	83.14	79.14	79.76	79.53	81.48	80.97	74.71	74.54	78.27	74.64
75.0	69.05	65.29	64.82	64.19	64.99	64.27	62.34	61.10	60.90	59.91
77.5	52.32	49.75	50.10	50.68	50.58	49.71	48.22	50.78	47.96	46.08
80.0	37.77	35.42	36.64	37.06	37.24	37.51	37.30	36.81	36.50	35.97
82.5	24.60	23.09	23.07	24.10	26.96	26.99	25.56	24.68	25.21	24.90
85.0	16.07	15.51	14.83	14.19	16.65	17.03	16.23	16.44	16.70	16.06
87.5	10.35	11.01	10.01	8.943	10.62	11.49	11.08	11.17	11.46	11.01
90.0	7.218	8.019	7.573	7.291	8.980	9.595	9.107	8.934	8.860	8.518
92.5	6.164	6.488	6.193	6.796	8.641	8.827	8.339	8.059	7.822	7.389
95.0	7.081	7.777	7.683	6.832	8.359	8.092	7.590	7.317	6.981	6.397
97.5	7.018	7.705	7.985	7.941	7.838	7.369	6.856	6.517	6.084	5.465
100.0	6.411	7.344	7.775	7.723	7.172	6.644	6.067	5.655	5.255	4.655
102.5	4.662	6.093	7.195	7.167	6.531	5.929	5.348	4.971	4.586	4.031
105.0	4.058	4.519	5.525	6.462	5.954	5.247	4.801	4.470	4.065	3.558
107.5	3.358	3.977	4.327	4.701	5.268	4.732	4.340	3.995	3.683	3.215
110.0	2.905	3.536	3.861	4.036	4.159	4.133	3.919	3.642	3.371	2.940
112.5	2.680	2.953	3.480	3.673	3.728	3.579	3.471	3.311	3.059	2.680
115.0	2.512	2.645	3.037	3.316	3.304	3.211	3.155	3.057	2.810	2.445
117.5	2.283	2.319	2.379	2.767	3.019	3.011	2.905	2.798	2.585	2.268
120.0	1.945	2.020	2.082	2.228	2.755	2.884	2.751	2.581	2.398	2.146
122.5	1.824	1.884	1.897	1.884	2.197	2.731	2.630	2.458	2.254	2.006
125.0	1.733	1.744	1.715	1.693	1.679	2.249	2.539	2.372	2.163	1.924
127.5	1.625	1.616	1.602	1.612	1.648	1.663	2.212	2.286	2.082	1.856
130.0	1.580	1.598	1.603	1.634	1.680	1.661	1.661	1.992	1.996	1.824
132.5	1.631	1.701	1.739	1.819	1.884	1.827	1.768	1.716	1.810	1.802
135.0	1.757	1.838	1.901	2.014	2.109	2.055	2.024	2.055	2.002	2.017
137.5	1.666	1.712	1.761	1.834	1.869	1.852	1.837	1.879	1.937	1.947
140.0	1.544	1.571	1.593	1.625	1.648	1.671	1.689	1.739	1.756	1.788
142.5	1.580	1.602	1.616	1.634	1.657	1.670	1.670	1.707	1.779	1.802
145.0	1.612	1.634	1.648	1.661	1.671	1.689	1.702	1.743	1.779	1.815
147.5	1.621	1.652	1.675	1.688	1.693	1.706	1.725	1.756	1.793	1.838
150.0	1.589	1.670	1.689	1.711	1.720	1.729	1.757	1.793	1.824	1.874
152.5	1.621	1.653	1.707	1.734	1.743	1.756	1.784	1.833	1.856	1.892
155.0	1.666	1.675	1.734	1.761	1.784	1.802	1.820	1.869	1.897	1.937
157.5	1.716	1.720	1.730	1.797	1.820	1.847	1.870	1.915	1.938	1.973
160.0	1.771	1.770	1.775	1.802	1.861	1.888	1.910	1.956	1.978	2.014
162.5	1.838	1.837	1.838	1.851	1.901	1.937	1.956	1.996	2.028	2.060
165.0	1.888	1.892	1.888	1.883	1.910	1.965	1.992	2.023	2.046	2.087
167.5	1.956	1.951	1.947	1.946	1.947	1.969	2.020	2.068	2.083	2.132
170.0	2.024	2.019	2.010	2.014	2.001	2.019	2.060	2.118	2.142	2.195
172.5	2.078	2.073	2.069	2.064	2.060	2.082	2.096	2.177	2.205	2.259
175.0	2.132	2.123	2.123	2.123	2.119	2.132	2.146	2.195	2.245	2.304
177.5	2.187	2.173	2.164	2.173	2.169	2.182	2.191	2.227	2.259	2.322
180.0	2.236	2.232	2.209	2.209	2.200	2.218	2.223	2.268	2.282	2.318

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

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

Photometric Data Table [cd]

G/C	250.0	255.0	260.0	265.0	270.0	275.0	280.0	285.0	290.0	295.0
0.0	425.1	425.5	425.9	426.1	426.3	426.6	426.6	426.7	426.6	426.8
2.5	425.9	426.3	426.8	427.1	427.4	427.7	427.8	427.9	427.6	428.0
5.0	428.5	429.4	429.9	430.7	431.0	431.4	431.2	431.4	430.7	430.8
7.5	432.3	433.3	434.2	434.8	435.2	435.9	435.5	435.7	435.2	434.7
10.0	433.4	434.2	435.1	435.5	436.5	436.7	436.7	436.9	436.2	436.2
12.5	426.2	422.1	419.5	415.8	415.9	415.1	418.2	420.4	425.7	430.2
15.0	393.0	393.0	393.2	393.8	394.6	395.0	395.1	394.9	394.9	396.6
17.5	388.2	389.3	390.8	391.7	392.7	392.8	392.8	392.2	391.3	390.9
20.0	385.3	386.8	388.7	389.9	391.3	391.5	391.0	390.2	389.1	387.7
22.5	382.3	383.7	385.4	387.0	388.4	388.5	387.9	387.2	386.1	384.4
25.0	378.0	379.2	380.7	382.1	383.4	383.5	383.4	382.6	381.7	379.7
27.5	372.3	373.3	374.3	374.9	376.1	376.1	376.8	376.7	375.8	373.7
30.0	357.4	350.7	345.0	336.9	336.0	337.3	344.4	352.2	356.4	362.4
32.5	337.5	326.4	326.2	326.4	327.1	327.4	328.3	328.4	335.3	341.9
35.0	317.1	317.4	318.5	318.9	319.8	319.8	320.4	320.0	318.4	320.6
37.5	309.3	308.9	313.2	312.1	314.7	315.4	312.1	312.3	308.9	306.8
40.0	299.8	299.6	305.2	304.1	306.7	304.5	306.6	304.6	298.6	298.2
42.5	287.9	279.4	277.6	275.8	272.2	275.9	282.9	279.1	287.3	287.6
45.0	261.3	265.5	254.5	256.3	256.9	257.4	255.0	265.5	262.8	262.4
47.5	245.5	241.3	241.1	246.2	247.3	247.3	243.2	241.2	250.1	249.4
50.0	226.5	229.9	229.4	232.3	239.0	235.4	230.1	231.2	230.0	244.7
52.5	206.1	206.7	203.4	203.4	201.5	202.3	210.0	206.8	209.7	225.5
55.0	183.6	190.8	185.2	188.5	187.8	190.7	187.9	192.1	192.9	201.4
57.5	169.2	175.2	172.1	166.0	174.1	170.2	172.7	180.6	177.3	176.9
60.0	156.1	146.5	149.2	151.7	149.1	151.9	154.5	155.0	163.6	161.7
62.5	132.7	128.8	132.5	131.7	130.6	132.1	130.4	140.2	142.0	148.5
65.0	114.1	105.6	110.5	106.9	108.5	109.1	115.3	123.5	121.5	130.3
67.5	92.77	90.82	92.77	85.93	84.72	86.76	90.76	98.19	104.7	110.6
70.0	80.32	75.75	71.26	67.21	62.03	64.78	71.52	80.64	86.16	95.77
72.5	67.70	65.29	54.94	51.47	47.10	48.48	56.65	69.36	75.72	83.24
75.0	53.38	51.36	42.90	34.77	31.58	35.07	44.28	51.87	60.71	65.87
77.5	43.69	37.96	29.90	23.09	21.74	23.98	29.53	40.27	48.50	53.44
80.0	31.92	26.96	21.66	15.90	13.79	15.19	22.61	28.43	37.99	40.42
82.5	23.28	19.85	15.15	10.25	8.854	10.58	15.61	22.14	26.39	30.47
85.0	15.81	14.68	10.71	7.097	5.381	6.939	11.49	15.55	19.77	21.47
87.5	10.98	9.965	7.706	4.505	3.398	4.672	7.873	11.55	12.53	13.23
90.0	8.146	7.335	5.423	2.831	1.762	2.994	5.588	7.890	8.623	9.111
92.5	6.864	5.922	4.170	1.836	0.6660	2.071	4.297	6.300	7.107	7.693
95.0	5.801	4.728	3.223	1.458	0.7362	1.603	3.314	5.069	6.147	6.818
97.5	4.820	3.749	2.468	1.215	0.6515	1.328	2.605	3.976	5.164	5.851
100.0	4.071	3.003	2.028	1.145	0.7426	1.209	2.181	3.201	4.433	5.064
102.5	3.511	2.519	1.706	1.091	0.8469	1.213	1.878	2.807	3.845	4.484
105.0	3.049	2.273	1.512	1.091	0.9102	1.137	1.697	2.617	3.430	3.999
107.5	2.706	2.169	1.467	1.077	0.9869	1.145	1.616	2.481	3.123	3.673
110.0	2.431	1.939	1.489	1.127	1.023	1.200	1.638	2.260	2.833	3.401
112.5	2.223	1.775	1.380	1.118	1.055	1.195	1.525	2.038	2.657	3.147
115.0	2.064	1.662	1.322	1.136	1.091	1.213	1.480	1.861	2.503	2.938
117.5	1.919	1.580	1.295	1.172	1.141	1.245	1.440	1.789	2.285	2.780
120.0	1.802	1.521	1.313	1.213	1.200	1.290	1.444	1.725	2.136	2.591
122.5	1.724	1.489	1.340	1.267	1.272	1.349	1.467	1.679	1.978	2.304
125.0	1.684	1.498	1.390	1.340	1.354	1.421	1.508	1.679	1.924	2.205
127.5	1.666	1.530	1.462	1.430	1.462	1.512	1.571	1.693	1.883	2.133
130.0	1.675	1.584	1.535	1.544	1.567	1.616	1.634	1.733	1.883	2.069
132.5	1.734	1.675	1.644	1.688	1.694	1.724	1.725	1.792	1.901	1.960
135.0	1.993	1.973	1.938	2.040	2.088	1.882	1.902	1.959	2.018	2.057
137.5	1.955	1.970	2.005	2.047	2.145	2.042	2.064	2.106	2.141	2.183
140.0	1.815	1.843	1.802	1.803	1.788	1.847	1.888	1.920	1.969	2.001
142.5	1.843	1.874	1.861	1.847	1.825	1.901	1.915	1.933	1.942	1.965
145.0	1.842	1.870	1.883	1.879	1.901	1.955	1.960	1.960	1.965	1.969
147.5	1.861	1.888	1.906	1.928	1.942	1.960	1.979	1.996	1.983	1.992
150.0	1.888	1.910	1.937	1.960	1.987	2.001	2.014	2.024	2.024	2.028
152.5	1.924	1.951	1.974	2.005	2.028	2.041	2.042	2.091	2.074	2.069
155.0	1.956	1.969	2.006	2.046	2.069	2.091	2.087	2.109	2.119	2.114
157.5	1.983	2.019	2.055	2.091	2.105	2.127	2.128	2.159	2.159	2.159
160.0	2.019	2.046	2.087	2.123	2.132	2.159	2.155	2.186	2.196	2.204
162.5	2.078	2.100	2.132	2.168	2.173	2.195	2.205	2.236	2.250	2.254
165.0	2.105	2.137	2.173	2.196	2.209	2.218	2.232	2.263	2.268	2.282
167.5	2.155	2.177	2.205	2.240	2.241	2.254	2.273	2.295	2.304	2.313
170.0	2.214	2.245	2.259	2.290	2.286	2.309	2.322	2.354	2.368	2.372
172.5	2.268	2.299	2.313	2.336	2.345	2.367	2.377	2.408	2.408	2.417
175.0	2.322	2.349	2.363	2.381	2.386	2.408	2.417	2.449	2.454	2.458
177.5	2.349	2.381	2.390	2.404	2.427	2.440	2.440	2.472	2.485	2.485
180.0	2.368	2.404	2.426	2.454	2.467	2.490	2.490	2.517	2.531	2.531

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

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

Photometric Data Table [cd]

G/C	300.0	305.0	310.0	315.0	320.0	325.0	330.0	335.0	340.0	345.0
0.0	426.4	426.3	425.7	425.6	425.5	425.2	424.9	425.0	424.8	424.6
2.5	427.3	426.8	426.5	426.3	426.2	425.7	425.3	425.2	425.0	424.5
5.0	430.1	429.1	428.4	427.7	427.0	426.1	425.5	425.4	424.6	424.0
7.5	433.9	433.3	431.8	430.9	429.2	427.9	426.3	425.0	423.9	422.9
10.0	435.2	434.9	433.8	432.7	431.0	429.1	427.3	424.9	422.7	420.9
12.5	433.3	434.0	432.8	431.8	430.6	428.7	426.7	423.8	420.7	417.8
15.0	402.3	410.0	422.9	428.1	427.5	425.6	423.9	421.3	418.2	414.6
17.5	390.2	389.5	393.8	402.1	417.6	420.7	419.6	417.2	414.3	410.5
20.0	386.3	384.7	383.6	384.1	392.1	406.5	413.6	411.5	409.1	405.4
22.5	382.4	380.4	378.7	376.8	377.2	385.0	400.8	404.8	402.6	399.3
25.0	377.9	375.6	373.1	370.6	369.1	370.9	381.4	395.9	395.9	392.7
27.5	371.9	369.4	366.7	364.0	362.0	360.3	367.4	380.0	387.7	385.3
30.0	364.6	362.0	359.6	356.4	354.8	352.5	354.6	364.7	378.4	376.1
32.5	342.6	352.2	351.6	349.0	346.4	343.3	342.4	351.4	364.2	365.1
35.0	330.7	329.2	340.3	338.5	334.1	329.6	328.8	336.0	346.5	353.3
37.5	311.9	319.3	316.3	323.9	318.7	312.6	310.9	317.2	330.0	341.4
40.0	295.7	305.5	303.0	298.3	302.7	297.7	296.0	298.9	314.6	328.2
42.5	285.3	285.1	289.9	281.4	287.2	286.0	284.2	284.2	299.1	313.1
45.0	278.0	269.3	274.6	265.8	263.1	271.7	272.3	271.6	285.0	297.5
47.5	248.6	256.4	252.1	248.8	242.4	253.2	255.8	259.5	271.2	279.9
50.0	234.9	234.6	231.7	233.5	228.7	235.0	238.9	243.5	254.5	263.4
52.5	220.5	218.1	216.5	221.5	217.5	215.7	221.9	228.3	239.2	247.4
55.0	207.6	203.1	199.5	209.4	203.5	201.1	206.5	212.3	221.5	228.3
57.5	193.9	190.0	186.2	194.6	189.5	187.1	190.0	193.2	200.1	208.9
60.0	171.0	176.0	171.1	177.3	175.1	170.1	171.6	174.4	178.7	187.3
62.5	152.7	158.6	156.0	159.9	158.6	153.1	151.4	156.3	162.1	172.2
65.0	136.7	141.0	140.3	141.6	140.6	136.7	136.9	142.1	145.4	151.8
67.5	116.8	121.7	123.4	123.5	126.1	123.6	120.5	122.3	126.5	131.8
70.0	101.7	103.7	106.5	110.5	109.2	106.1	105.2	105.5	109.1	113.5
72.5	87.12	88.11	90.93	92.40	93.53	91.73	91.98	92.28	94.55	96.84
75.0	73.48	72.47	74.38	77.53	80.51	78.54	77.69	77.81	79.73	80.61
77.5	56.30	57.89	60.49	63.94	66.46	64.48	63.57	63.37	64.31	63.36
80.0	44.07	45.88	48.49	50.52	51.22	48.71	47.57	46.51	47.49	45.98
82.5	34.80	33.53	33.28	35.09	35.45	32.61	32.03	30.55	31.26	30.79
85.0	21.77	21.00	21.90	22.94	22.59	20.49	20.81	20.91	21.47	20.98
87.5	14.26	14.15	14.46	14.66	13.74	12.07	12.95	13.61	13.55	12.70
90.0	9.522	9.659	9.778	10.03	9.264	7.314	7.919	8.312	7.922	7.146
92.5	8.162	8.464	8.651	9.065	8.664	6.665	6.190	6.759	6.505	6.017
95.0	7.309	7.624	7.857	8.307	8.386	6.527	6.564	7.130	6.961	6.523
97.5	6.498	6.863	7.211	7.664	7.898	7.137	7.120	7.044	6.774	6.234
100.0	5.664	6.043	6.425	6.903	7.233	6.967	7.103	6.985	6.536	5.190
102.5	5.055	5.366	5.706	6.166	6.513	6.688	6.685	6.431	5.590	4.525
105.0	4.538	4.923	5.209	5.535	5.873	6.085	5.948	5.333	4.737	3.434
107.5	4.150	4.582	4.871	5.118	5.344	5.340	5.081	4.750	3.894	3.034
110.0	3.855	4.244	4.567	4.738	4.673	4.580	4.517	4.221	3.236	2.794
112.5	3.575	3.889	4.186	4.129	4.191	4.188	3.968	3.201	2.869	2.567
115.0	3.304	3.563	3.729	3.713	3.824	3.875	3.357	2.767	2.593	2.382
117.5	3.059	3.274	3.290	3.375	3.458	3.295	2.616	2.518	2.448	2.304
120.0	2.766	2.939	3.096	3.192	3.089	2.492	2.295	2.232	2.172	2.060
122.5	2.571	2.784	2.947	3.011	2.349	2.164	2.123	2.096	2.041	1.933
125.0	2.458	2.671	2.815	2.378	1.887	1.933	1.964	1.992	1.987	1.910
127.5	2.372	2.558	2.362	1.811	1.820	1.838	1.860	1.861	1.883	1.870
130.0	2.258	2.143	1.788	1.833	1.852	1.851	1.838	1.833	1.838	1.824
132.5	1.918	1.824	1.920	1.964	1.997	1.996	1.957	1.923	1.906	1.856
135.0	2.090	2.225	2.288	2.338	2.300	2.281	2.178	2.126	2.064	1.968
137.5	2.190	2.196	2.209	2.215	2.205	2.188	2.104	2.074	2.014	1.960
140.0	2.010	2.015	2.005	2.006	2.010	1.996	1.969	1.969	1.946	1.919
142.5	1.987	1.996	1.983	1.996	1.983	1.974	1.974	1.965	1.938	1.928
145.0	1.978	2.001	2.015	2.005	2.001	1.996	2.010	1.996	1.987	1.965
147.5	2.010	2.019	2.019	2.032	2.024	2.023	2.037	2.028	2.024	2.023
150.0	2.028	2.046	2.055	2.051	2.051	2.069	2.082	2.078	2.074	2.073
152.5	2.074	2.087	2.087	2.096	2.105	2.114	2.123	2.128	2.128	2.132
155.0	2.114	2.123	2.128	2.146	2.155	2.168	2.173	2.186	2.182	2.182
157.5	2.155	2.168	2.173	2.191	2.200	2.209	2.214	2.227	2.223	2.227
160.0	2.205	2.213	2.218	2.223	2.232	2.245	2.259	2.268	2.268	2.272
162.5	2.254	2.259	2.255	2.272	2.282	2.299	2.300	2.313	2.313	2.317
165.0	2.277	2.281	2.295	2.308	2.313	2.327	2.336	2.349	2.350	2.354
167.5	2.318	2.331	2.336	2.354	2.354	2.381	2.381	2.390	2.390	2.399
170.0	2.372	2.386	2.399	2.412	2.413	2.431	2.431	2.444	2.440	2.458
172.5	2.418	2.440	2.449	2.463	2.463	2.481	2.481	2.490	2.494	2.503
175.0	2.467	2.481	2.490	2.508	2.512	2.526	2.531	2.535	2.544	2.553
177.5	2.499	2.517	2.526	2.530	2.544	2.558	2.558	2.571	2.576	2.585
180.0	2.544	2.553	2.562	2.580	2.571	2.589	2.585	2.589	2.594	2.603

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

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

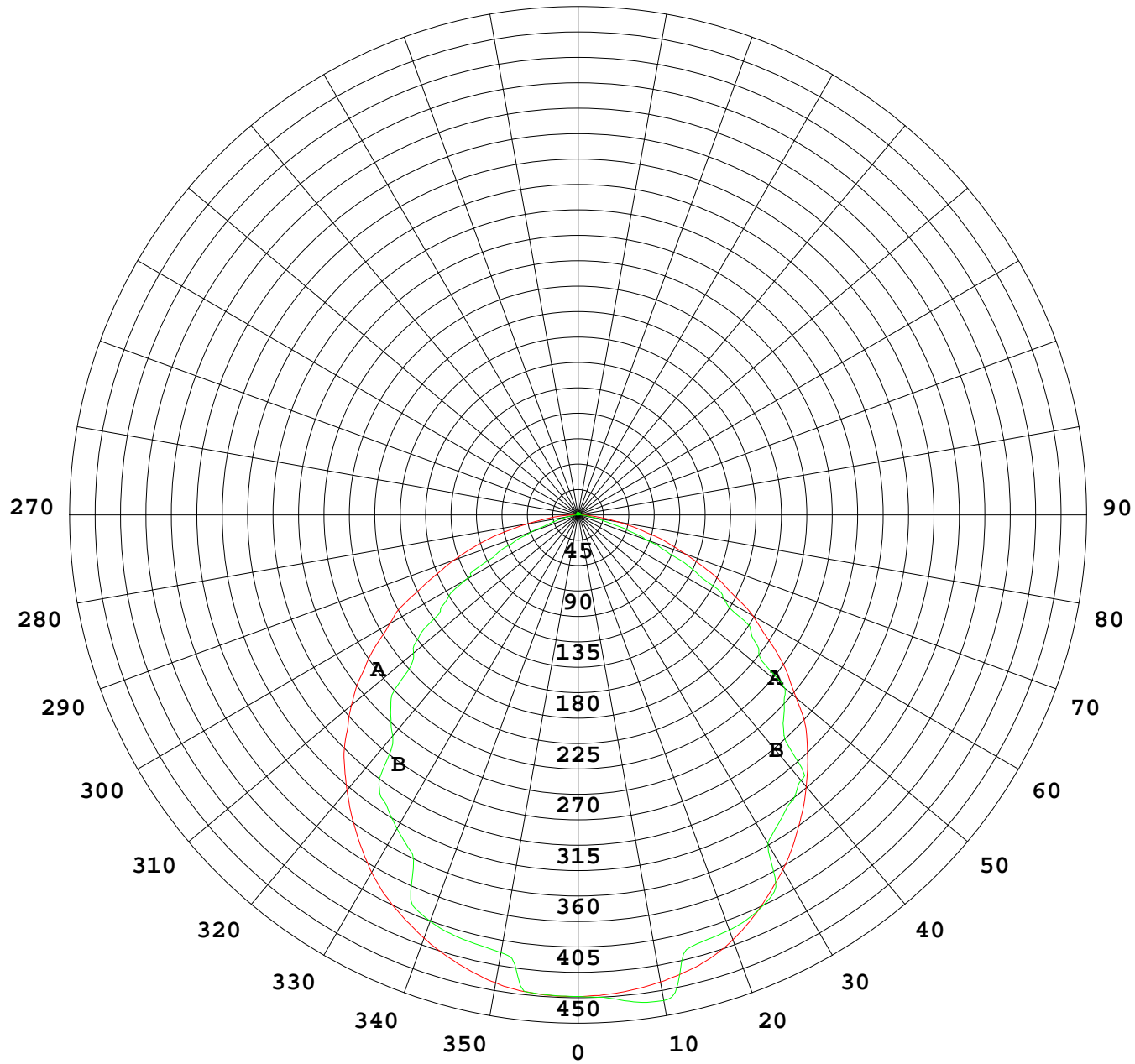
Photometric Data Table [cd]

G/C	350.0	355.0
0.0	424.4	424.6
2.5	424.5	424.3
5.0	423.8	423.6
7.5	422.5	422.0
10.0	419.7	419.1
12.5	416.0	414.9
15.0	411.8	409.8
17.5	406.8	404.5
20.0	401.4	398.3
22.5	395.2	391.5
25.0	389.1	384.5
27.5	381.8	377.5
30.0	373.1	368.9
32.5	362.2	358.1
35.0	349.9	346.2
37.5	338.0	334.2
40.0	325.5	321.1
42.5	313.2	308.2
45.0	300.5	294.6
47.5	284.4	278.1
50.0	269.9	263.8
52.5	253.1	248.7
55.0	234.8	230.8
57.5	217.0	212.9
60.0	197.2	195.2
62.5	182.9	180.4
65.0	158.9	156.1
67.5	138.2	136.1
70.0	120.7	118.9
72.5	101.8	100.3
75.0	84.18	83.01
77.5	65.24	63.80
80.0	47.94	45.52
82.5	31.44	30.57
85.0	21.30	20.28
87.5	11.92	11.03
90.0	6.044	4.901
92.5	4.987	3.975
95.0	5.749	5.419
97.5	5.178	4.502
100.0	4.244	3.759
102.5	3.520	3.217
105.0	2.978	2.723
107.5	2.648	2.445
110.0	2.458	2.286
112.5	2.299	2.155
115.0	2.186	2.060
117.5	2.123	2.001
120.0	1.950	1.824
122.5	1.820	1.702
125.0	1.824	1.725
127.5	1.828	1.761
130.0	1.802	1.756
132.5	1.820	1.770
135.0	1.893	1.842
137.5	1.906	1.856
140.0	1.897	1.874
142.5	1.919	1.905
145.0	1.960	1.955
147.5	2.015	2.010
150.0	2.065	2.064
152.5	2.132	2.137
155.0	2.182	2.196
157.5	2.228	2.236
160.0	2.268	2.272
162.5	2.318	2.322
165.0	2.354	2.363
167.5	2.404	2.404
170.0	2.458	2.454
172.5	2.508	2.508
175.0	2.558	2.562
177.5	2.589	2.594
180.0	2.612	2.617

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

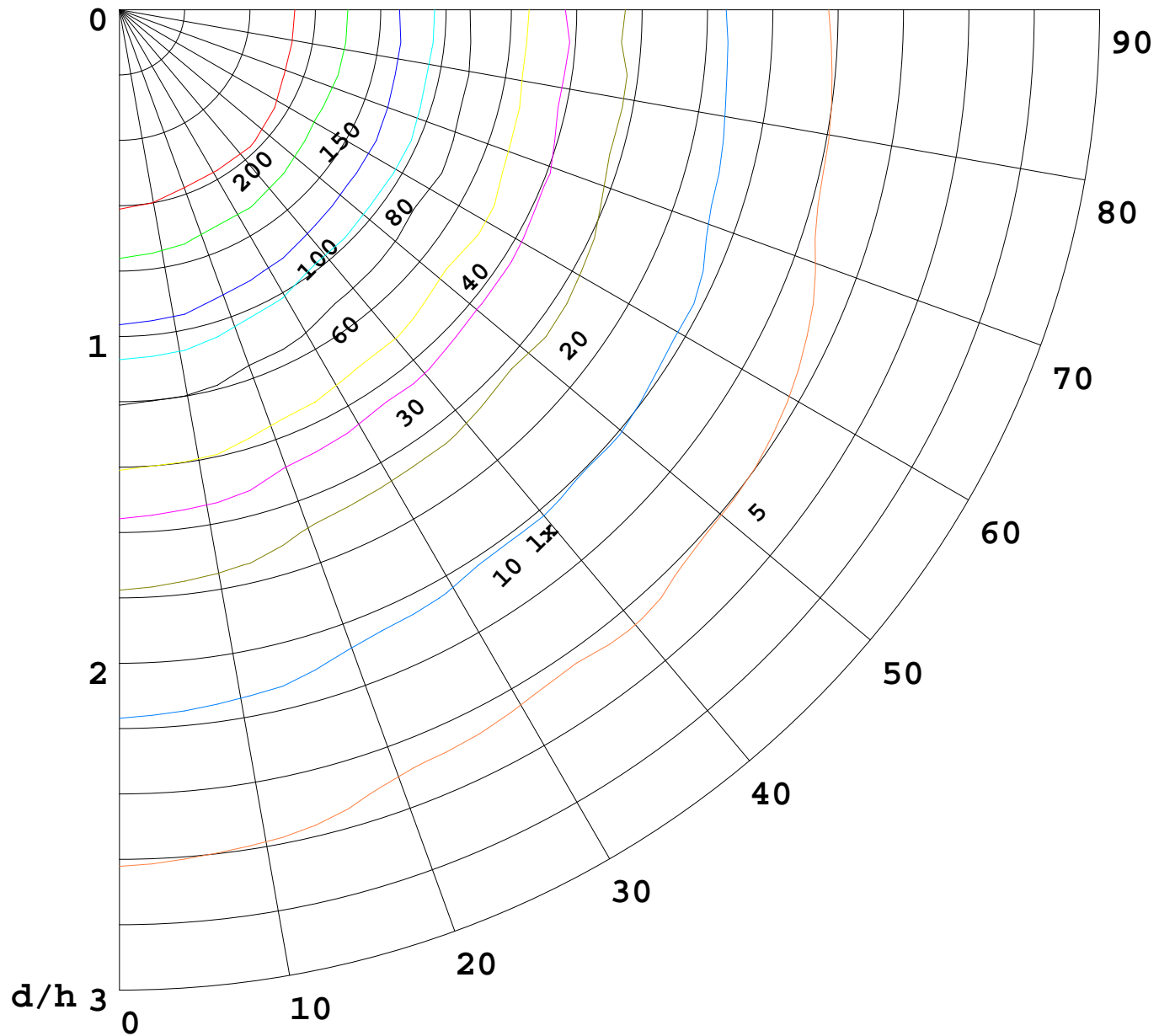
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.272
 Humidity: 70%
 Test Distance: 8.425m [K=1.0000]
 Remarks:

I(cd)



1000 lm

$K = 1$



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

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

