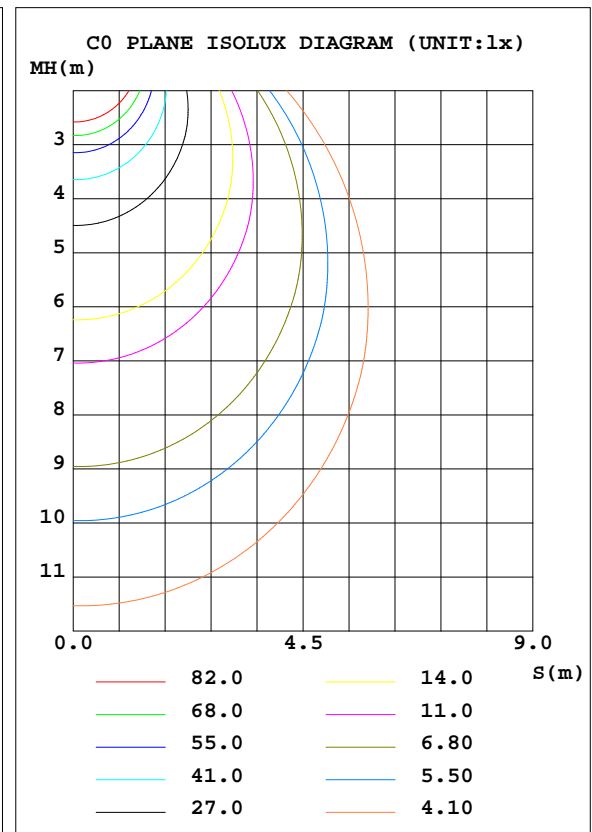
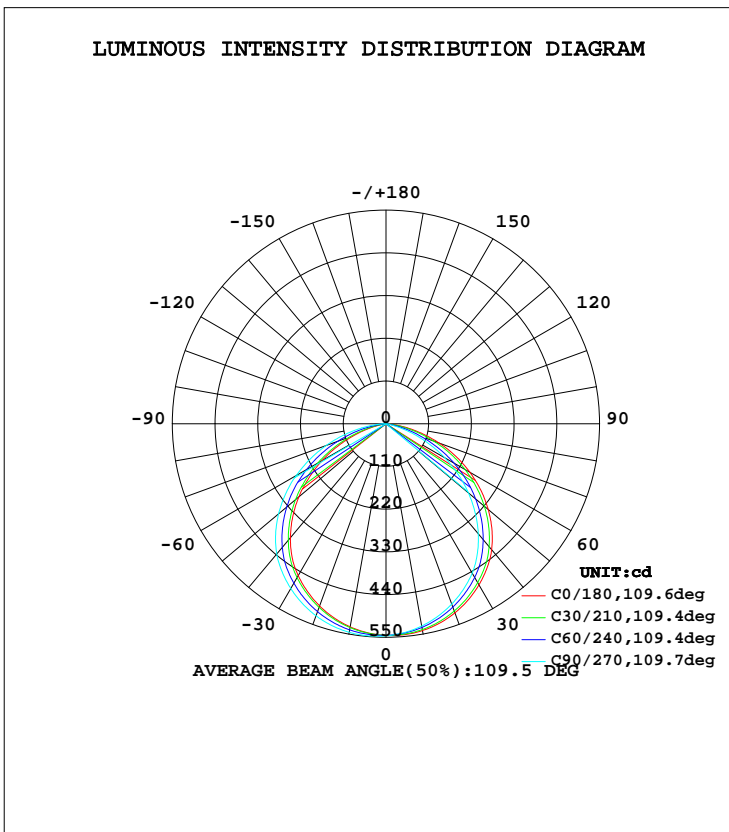


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.8V I:0.2687A P:32.22W PF:0.9923 Lamp Flux:1485.31x1 lm		
NAME: RVF162600L30D1BKGD	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2019-05-21-01
MFR.: AFX	SUR.:0.40	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 46.10 lm/W			
MODEL	RVF162600L30D1BKGD	I _{max} (cd)	551.0	S/MH(C0/180)	1.31
NOMINAL POWER(W)	32	LOR(%)	100.0	S/MH(C90/270)	1.22
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1485.3	η UP, DN(C0-180)	0.3, 46.7
NOMINAL FLUX(lm)	1485.31	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.3, 52.8
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



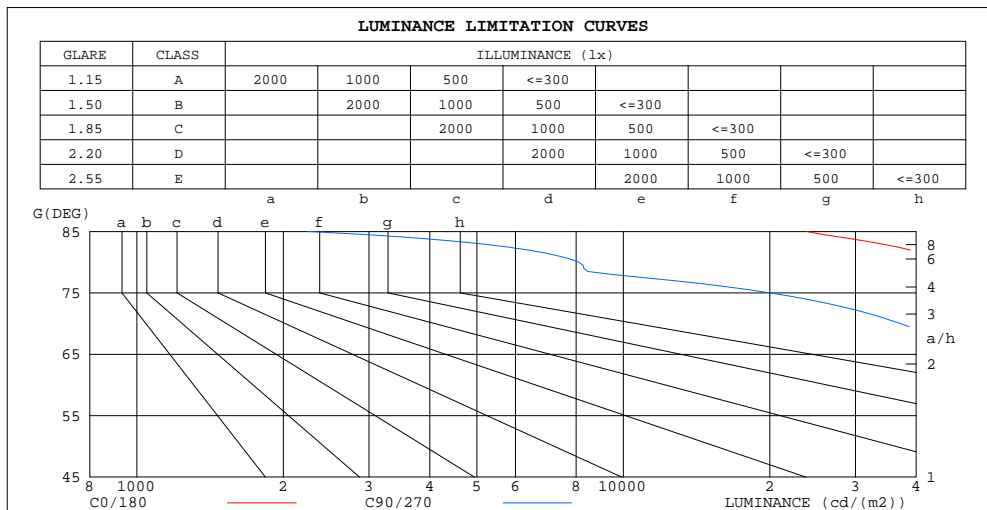
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:yechihong
 Test Date:2019-05-21

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	545.2	542.2	539.8	541.8	540.4	542.2	548.0	550.7	0- 5	13.05	13.05	0.88,0.88
10	540.8	535.4	528.9	530.4	531.1	535.4	545.3	548.5	5- 10	38.71	51.76	3.48,3.48
15	531.8	524.1	513.7	514.7	517.3	524.1	538.2	541.6	10- 15	63.12	114.9	7.73,7.73
20	518.4	508.4	494.3	494.8	499.4	508.3	526.4	530.3	15- 20	85.47	200.3	13.5,13.5
25	500.7	488.6	471.1	471.1	477.4	488.5	510.3	514.5	20- 25	105.0	305.4	20.6,20.6
30	478.9	465.1	444.2	443.7	451.7	464.9	490.1	494.4	25- 30	121.2	426.6	28.7,28.7
35	453.6	437.5	409.9	409.8	421.3	437.1	466.0	470.6	30- 35	133.5	560.1	37.7,37.7
40	423.3	402.3	369.6	368.9	382.8	401.9	437.7	443.0	35- 40	140.7	700.9	47.2,47.2
45	385.9	361.8	325.1	323.4	339.8	361.5	401.9	408.4	40- 45	142.3	843.2	56.8,56.8
50	343.8	317.5	277.2	274.3	293.0	317.0	361.0	367.9	45- 50	138.1	981.3	66.1,66.1
55	298.0	268.9	226.6	222.1	241.7	269.2	316.1	323.1	50- 55	128.4	1110	74.7,74.7
60	249.3	218.5	174.3	169.6	190.0	219.0	266.9	274.9	55- 60	113.7	1223	82.4,82.4
65	198.3	166.8	121.1	117.4	137.7	166.9	215.8	224.2	60- 65	94.58	1318	88.7,88.7
70	146.0	115.2	71.96	68.09	86.98	114.1	164.0	171.7	65- 70	72.25	1390	93.6,93.6
75	93.90	66.27	29.35	26.25	41.58	65.20	112.2	118.3	70- 75	48.38	1439	96.9,96.9
80	46.94	24.89	7.958	7.553	9.812	23.99	63.31	68.49	75- 80	26.01	1465	98.6,98.6
85	11.73	7.005	1.107	0.7292	2.873	6.801	21.61	25.26	80- 85	10.23	1475	99.3,99.3
90	3.571	0.4991	0.3938	0.4211	0.2628	0.2376	6.372	7.197	85- 90	2.689	1478	99.5,99.5
95	0.4166	0.3803	0.4345	0.5116	0.3803	0.2351	0.2354	0.2728	90- 95	0.5646	1478	99.5,99.5
100	0.4029	0.4802	0.5925	0.6657	0.5303	0.3662	0.2944	0.2625	95-100	0.2111	1478	99.5,99.5
105	0.5205	0.6299	0.7599	0.8422	0.7062	0.4887	0.4031	0.3576	100-105	0.2724	1479	99.5,99.5
110	0.6923	0.8017	0.9370	1.024	0.9056	0.6383	0.5523	0.5069	105-110	0.3483	1479	99.6,99.6
115	0.8690	0.9736	1.122	1.205	1.091	0.8146	0.7065	0.6832	110-115	0.4244	1479	99.6,99.6
120	1.055	1.145	1.303	1.390	1.290	0.9999	0.8921	0.8735	115-120	0.4946	1480	99.6,99.6
125	1.231	1.322	1.480	1.567	1.485	1.181	1.082	1.068	120-125	0.5555	1480	99.7,99.7
130	1.412	1.499	1.634	1.698	1.662	1.358	1.286	1.240	125-130	0.6007	1481	99.7,99.7
135	1.588	1.666	1.779	1.847	1.834	1.498	1.440	1.412	130-135	0.6243	1482	99.8,99.8
140	1.725	1.788	1.910	1.983	1.992	1.647	1.598	1.575	135-140	0.6286	1482	99.8,99.8
145	1.856	1.919	2.023	2.087	2.046	1.802	1.734	1.724	140-145	0.6104	1483	99.8,99.8
150	1.960	2.015	2.105	2.164	2.137	1.919	1.874	1.879	145-150	0.5730	1483	99.9,99.9
155	2.119	2.164	2.254	2.309	2.245	2.037	1.992	2.014	150-155	0.5237	1484	99.9,99.9
160	2.286	2.318	2.386	2.440	2.368	2.182	2.146	2.177	155-160	0.4643	1484	99.9,99.9
165	2.395	2.413	2.467	2.508	2.485	2.304	2.286	2.304	160-165	0.3846	1485	100,100
170	2.476	2.454	2.508	2.553	2.562	2.399	2.390	2.404	165-170	0.2872	1485	100,100
175	2.580	2.490	2.526	2.558	2.603	2.458	2.481	2.499	170-175	0.1780	1485	100,100
180	2.621	2.499	2.526	2.549	2.626	2.490	2.521	2.549	175-180	0.0603	1485	100,100
DEG	LUMINOUS INTENSITY:cd MAX (Ii - Iavg)/Iavg (0-135) = 157.3 %									UNIT:lm		



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	23782	2244
80	47754	8097
75	64097	20039
70	75441	37173
65	82902	50634
60	88088	61599
55	91807	69785
50	94499	76186
45	96413	81227

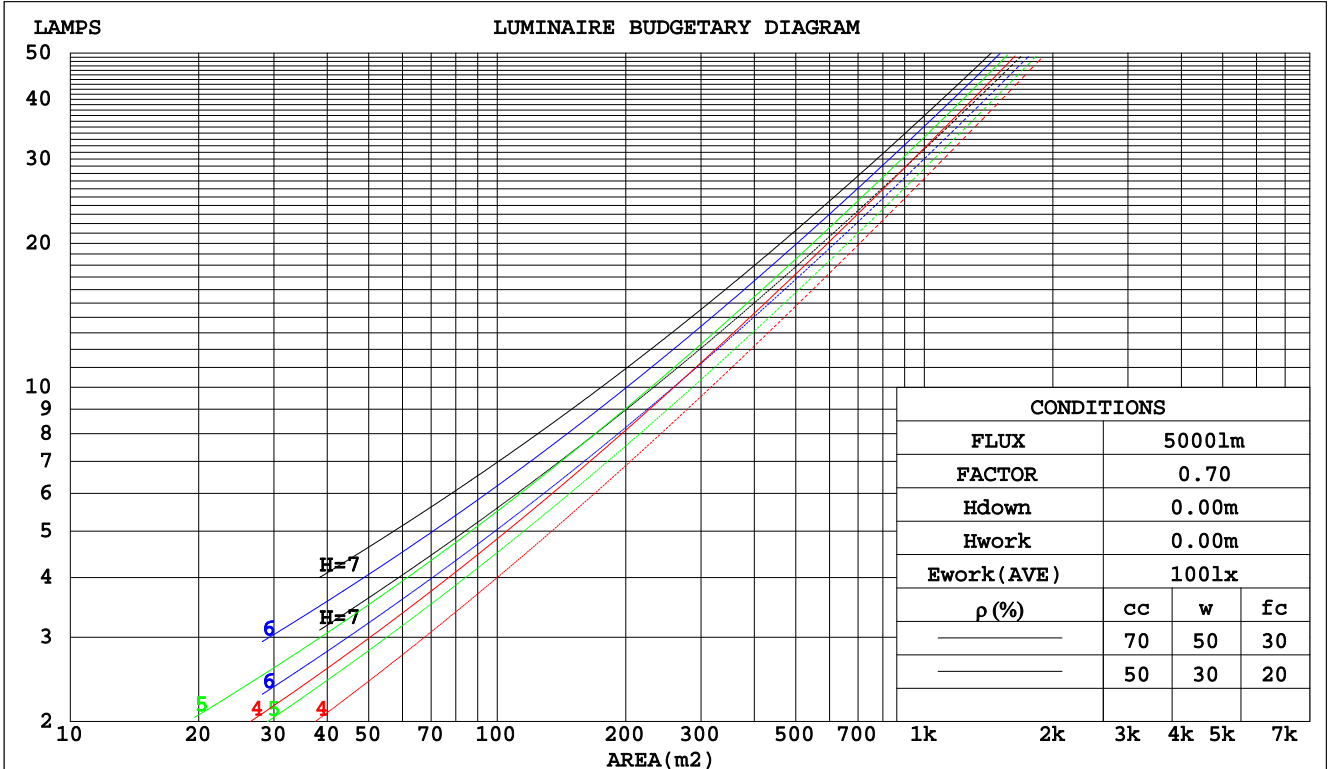
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:yechihong
Test Date:2019-05-21

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:0.2687A P:32.22W PF:0.9923 Lamp Flux:1485.31x1 lm		
NAME: RVF162600L30D1BKGD	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2019-05-21-01
MFR.: AFX	SUR.:0.40	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	1.05	1.01	.97	1.03	.99	.96	.98	.95	.93	.94	.92	.90	.91	.89	.87	.85
2.0	.92	.86	.80	.90	.84	.79	.87	.82	.77	.83	.79	.75	.80	.77	.74	.71
3.0	.81	.73	.67	.80	.72	.66	.76	.70	.65	.74	.68	.64	.71	.67	.63	.61
4.0	.72	.63	.57	.71	.63	.57	.68	.61	.56	.66	.60	.55	.64	.58	.54	.52
5.0	.64	.56	.49	.63	.55	.49	.61	.54	.48	.59	.53	.48	.57	.52	.47	.45
6.0	.58	.49	.43	.57	.49	.43	.55	.48	.42	.53	.47	.42	.52	.46	.42	.39
7.0	.53	.44	.38	.52	.44	.38	.50	.43	.37	.49	.42	.37	.47	.41	.37	.35
8.0	.48	.40	.34	.47	.39	.34	.46	.39	.34	.45	.38	.33	.43	.38	.33	.31
9.0	.44	.36	.30	.43	.36	.30	.42	.35	.30	.41	.35	.30	.40	.34	.30	.28
10.0	.41	.33	.28	.40	.33	.28	.39	.32	.27	.38	.32	.27	.37	.31	.27	.25



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

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

WEC AND CCEC

Test:U:120.8V I:0.2687A P:32.22W PF:0.9923 Lamp Flux:1485.31x1 lm		
NAME: RVF162600L30D1BKGD	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2019-05-21-01
MFR.: AFX	SUR.:0.40	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	.287	.163	.052	.279	.159	.051	.266	.153	.049	.254	.146	.047	.242	.140	.045	
2.0	.275	.151	.046	.269	.148	.046	.257	.143	.044	.246	.138	.043	.236	.134	.042	
3.0	.258	.137	.041	.252	.135	.041	.242	.131	.040	.232	.127	.039	.223	.124	.038	
4.0	.240	.125	.037	.235	.123	.036	.226	.120	.036	.217	.117	.035	.209	.114	.035	
5.0	.223	.114	.033	.219	.112	.033	.211	.110	.032	.203	.107	.032	.196	.105	.031	
6.0	.208	.104	.030	.204	.103	.030	.197	.101	.029	.190	.099	.029	.184	.097	.029	
7.0	.194	.096	.027	.191	.095	.027	.184	.093	.027	.178	.091	.027	.172	.090	.026	
8.0	.182	.089	.025	.179	.088	.025	.173	.086	.025	.168	.085	.024	.162	.083	.024	
9.0	.171	.083	.023	.168	.082	.023	.163	.081	.023	.158	.079	.023	.153	.078	.022	
10.0	.161	.077	.021	.159	.077	.021	.154	.075	.021	.149	.074	.021	.145	.073	.021	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.194	.194	.194	.166	.166	.166	.113	.113	.113	.065	.065	.065	.021	.021	.021	
1.0	.183	.160	.140	.156	.138	.121	.107	.095	.083	.062	.055	.049	.020	.018	.016	
2.0	.174	.136	.104	.149	.117	.090	.102	.081	.063	.059	.047	.037	.019	.015	.012	
3.0	.166	.118	.080	.143	.102	.069	.098	.071	.049	.057	.041	.029	.018	.013	.009	
4.0	.159	.105	.064	.136	.091	.055	.094	.063	.039	.054	.037	.023	.017	.012	.008	
5.0	.151	.094	.052	.130	.082	.046	.090	.057	.032	.052	.034	.019	.017	.011	.006	
6.0	.145	.086	.044	.124	.075	.038	.086	.052	.027	.050	.031	.016	.016	.010	.005	
7.0	.138	.079	.038	.119	.069	.033	.082	.048	.023	.048	.028	.014	.015	.009	.005	
8.0	.132	.073	.033	.113	.064	.029	.078	.045	.021	.046	.026	.012	.015	.009	.004	
9.0	.126	.068	.030	.108	.059	.026	.075	.042	.018	.044	.025	.011	.014	.008	.004	
10.0	.120	.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:2019-05-21

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:0.2687A P:32.22W PF:0.9923 Lamp Flux:1485.31x1 lm										
NAME: RVF162600L30D1BKGD					TYPE:			WEIGHT:		
DIM.:					SPEC.:			SERIAL No.:2019-05-21-01		
MFR.: AFX					SUR.:0.40			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	28.7	30.2	29.0	30.4	30.6	27.4	28.9	27.7	29.1	29.3
3H	30.1	31.4	30.4	31.7	31.9	28.1	29.5	28.4	29.7	30.0
4H	30.6	31.8	30.9	32.1	32.4	28.2	29.5	28.5	29.8	30.0
6H	30.8	32.0	31.1	32.3	32.6	28.1	29.3	28.5	29.6	29.9
8H	30.8	32.0	31.2	32.3	32.6	28.1	29.3	28.4	29.5	29.8
12H	30.8	31.9	31.2	32.2	32.6	28.0	29.2	28.4	29.5	29.8
4H 2H	29.1	30.4	29.4	30.6	30.9	28.1	29.3	28.4	29.6	29.9
3H	30.6	31.8	31.0	32.1	32.4	28.9	30.1	29.3	30.4	30.7
4H	31.2	32.2	31.6	32.6	32.9	29.1	30.1	29.5	30.4	30.8
6H	31.6	32.5	32.0	32.8	33.2	29.0	29.9	29.5	30.3	30.7
8H	31.6	32.5	32.0	32.8	33.2	29.0	29.8	29.4	30.2	30.6
12H	31.6	32.4	32.1	32.8	33.2	29.0	29.7	29.4	30.1	30.5
8H 4H	31.3	32.1	31.7	32.5	32.9	29.3	30.1	29.7	30.5	30.9
6H	31.7	32.4	32.1	32.8	33.2	29.3	30.0	29.7	30.4	30.8
8H	31.8	32.4	32.2	32.8	33.3	29.3	29.9	29.7	30.3	30.8
12H	31.8	32.3	32.3	32.8	33.3	29.2	29.8	29.7	30.2	30.7
12H 4H	31.2	32.0	31.7	32.4	32.8	29.3	30.1	29.7	30.4	30.9
6H	31.6	32.3	32.1	32.7	33.2	29.3	29.9	29.8	30.3	30.8
8H	31.8	32.3	32.2	32.7	33.2	29.3	29.8	29.8	30.3	30.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.4 / - 0.5				
1.5H	+ 0.2 / - 0.3					+ 0.3 / - 0.6				
2.0H	+ 0.4 / - 0.4					+ 0.4 / - 0.8				

CIE Pub.117 Corrected 1485 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.4)

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:0.2687A P:32.22W PF:0.9923 Lamp Flux:1485.31x1 lm		
NAME: RVF162600L30D1BKGD	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2019-05-21-01
MFR.: AFX	SUR.:0.40	PROTECTION ANGLE:

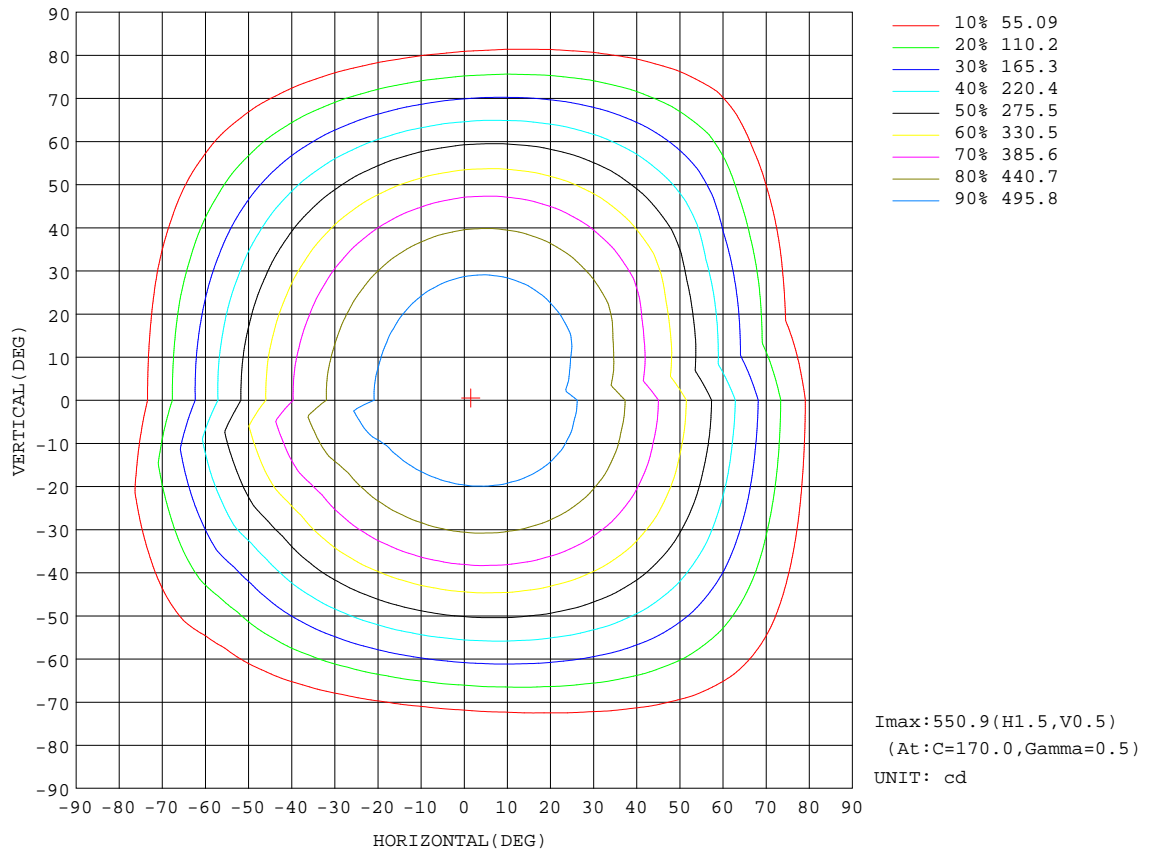
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	59	47	41	58	47	40	57	47	40	34
0.80	69	58	51	68	57	50	66	56	50	43
1.00	78	67	60	76	66	60	74	68	59	52
1.25	85	75	68	83	74	67	81	73	67	60
1.50	90	80	74	88	79	73	85	78	72	65
2.00	96	88	82	95	87	81	91	85	80	72
2.50	100	93	87	98	91	86	94	89	84	76
3.00	103	97	92	101	95	91	97	92	88	80
4.00	107	102	97	105	100	96	101	97	93	85
5.00	109	105	101	107	103	100	102	99	96	87
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

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

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

ISOCANDELA DIAGRAM

Test:U:120.8V I:0.2687A P:32.22W PF:0.9923 Lamp Flux:1485.31x1 lm		
NAME: RVF162600L30D1BKGD	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2019-05-21-01
MFR.: AFX	SUR.:0.40	PROTECTION ANGLE:

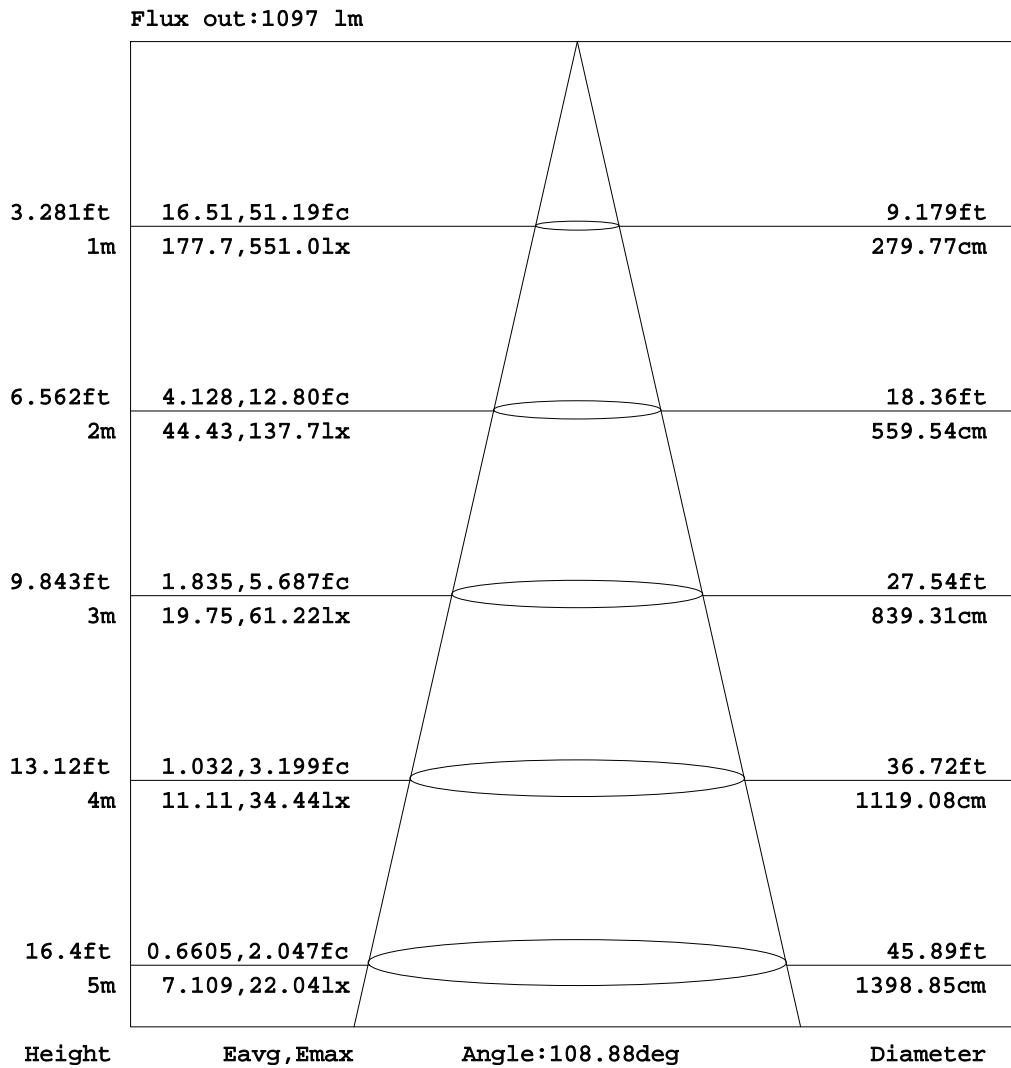


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: yechihong
 Test Date: 2019-05-21

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:0.2687A P:32.22W PF:0.9923 Lamp Flux:1485.3lx1 lm		
NAME: RVF162600L30D1BKGD	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2019-05-21-01
MFR.: AFX	SUR.:0.40	PROTECTION ANGLE:



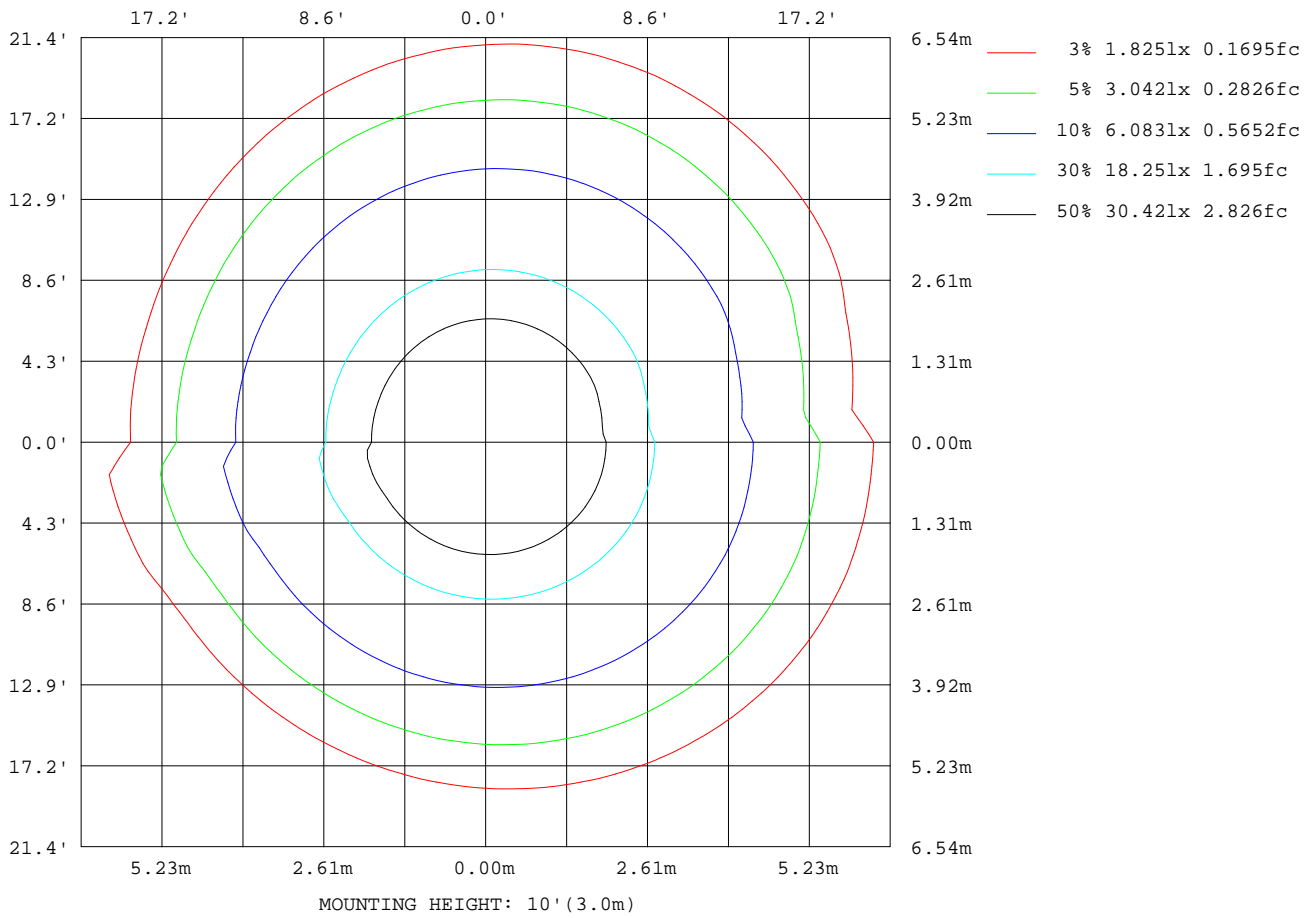
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

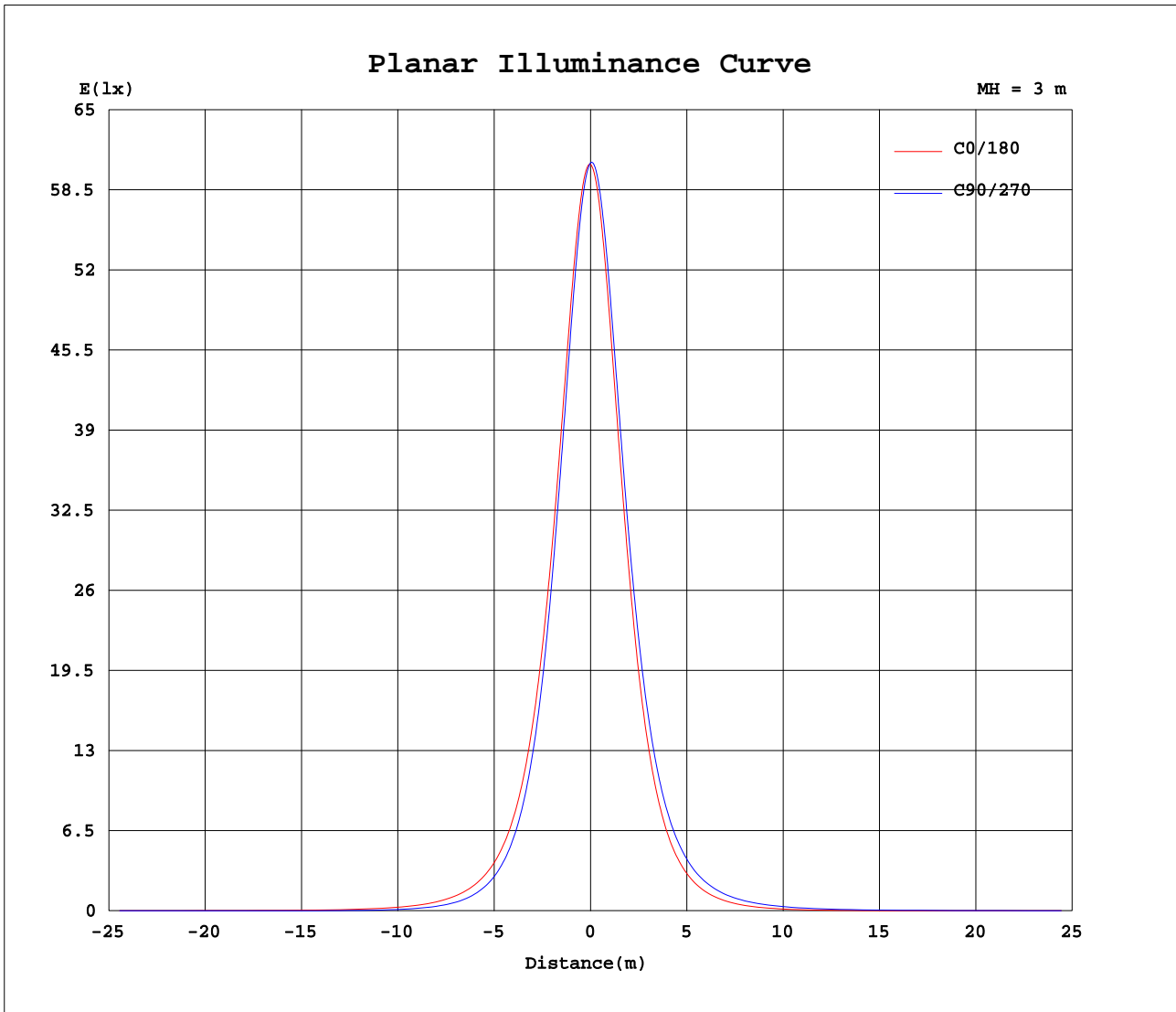
Test:U:120.8V I:0.2687A P:32.22W PF:0.9923 Lamp Flux:1485.31x1 lm		
NAME: RVF162600L30D1BKGD	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2019-05-21-01
MFR.: AFX	SUR.:0.40	PROTECTION ANGLE:



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:0.2687A P:32.22W PF:0.9923 Lamp Flux:1485.31x1 lm		
NAME: RVF162600L30D1BKGD	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2019-05-21-01
MFR.: AFX	SUR.:0.40	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	545	545	545	545	545	545	545	545	545	545	545	545	545	545	545	546	546	546	546
5	545	545	545	545	544	544	544	543	543	542	542	542	541	541	541	540	540	540	540
10	541	541	540	540	539	539	538	537	536	535	535	534	533	532	531	531	530	530	529
15	532	532	531	531	530	529	528	527	525	524	523	521	520	519	517	516	515	515	514
20	518	518	517	517	516	515	513	512	510	508	506	505	503	501	499	498	497	496	494
25	501	500	499	499	498	497	495	493	491	489	486	484	482	480	478	476	474	473	471
30	479	479	477	477	476	475	472	470	467	465	462	460	457	455	452	450	448	446	444
35	454	453	452	452	450	449	446	444	440	438	434	431	427	424	420	418	414	413	410
40	423	423	421	421	418	417	413	410	406	402	398	394	389	386	382	379	375	373	370
45	386	385	383	383	380	378	374	371	366	362	357	353	347	344	339	335	331	329	325
50	344	343	341	340	338	335	331	327	322	318	312	307	302	297	292	289	284	281	277
55	298	297	295	294	291	289	284	280	275	269	264	257	253	247	243	237	234	229	227
60	249	247	246	244	242	238	235	229	225	218	213	207	202	196	191	186	182	177	174
65	198	196	195	193	191	187	183	178	173	167	161	155	149	144	138	134	129	125	121
70	146	144	142	140	138	135	130	126	120	115	109	104	97.7	93.1	87.5	83.6	78.8	75.8	72.0
75	93.9	92.6	90.5	89.6	87.1	84.4	79.9	76.0	70.7	66.3	60.6	56.2	50.8	46.9	42.2	38.8	34.9	32.5	29.4
80	46.9	45.8	44.1	43.3	41.4	39.1	35.5	32.4	28.2	24.9	20.8	17.7	14.3	12.0	9.87	9.13	8.73	8.42	7.96
85	11.7	11.2	10.5	10.2	9.63	9.25	8.85	8.40	7.69	7.01	6.08	5.31	4.39	3.73	2.95	2.43	1.85	1.50	1.11
90	3.57	3.38	3.11	2.98	2.68	2.32	1.81	1.37	0.88	0.50	0.41	0.37	0.39	0.37	0.38	0.38	0.38	0.39	0.39
95	0.42	0.40	0.41	0.40	0.40	0.39	0.38	0.38	0.38	0.38	0.37	0.40	0.37	0.41	0.38	0.44	0.42	0.46	0.43
100	0.40	0.45	0.40	0.44	0.40	0.44	0.40	0.45	0.42	0.48	0.45	0.51	0.49	0.55	0.52	0.58	0.56	0.61	0.59
105	0.52	0.57	0.52	0.58	0.53	0.58	0.55	0.60	0.57	0.63	0.61	0.67	0.65	0.71	0.70	0.75	0.72	0.78	0.76
110	0.69	0.75	0.70	0.74	0.72	0.75	0.72	0.77	0.74	0.80	0.78	0.84	0.81	0.88	0.86	0.92	0.91	0.96	0.94
115	0.87	0.92	0.87	0.92	0.87	0.92	0.89	0.94	0.92	0.97	0.95	1.02	1.00	1.06	1.04	1.10	1.08	1.14	1.12
120	1.05	1.10	1.05	1.09	1.05	1.10	1.08	1.12	1.09	1.15	1.13	1.20	1.17	1.23	1.23	1.27	1.27	1.32	1.30
125	1.23	1.28	1.24	1.28	1.23	1.27	1.26	1.30	1.28	1.32	1.31	1.37	1.35	1.41	1.40	1.45	1.44	1.49	1.48
130	1.41	1.45	1.41	1.45	1.43	1.45	1.43	1.47	1.45	1.50	1.48	1.54	1.52	1.58	1.57	1.61	1.61	1.65	1.63
135	1.59	1.63	1.59	1.62	1.59	1.62	1.60	1.63	1.61	1.67	1.64	1.68	1.67	1.72	1.72	1.75	1.75	1.79	1.78
140	1.72	1.76	1.73	1.76	1.74	1.76	1.74	1.77	1.75	1.79	1.78	1.82	1.81	1.85	1.85	1.89	1.89	1.92	1.91
145	1.86	1.89	1.86	1.88	1.86	1.89	1.87	1.89	1.88	1.92	1.90	1.94	1.93	1.97	1.96	2.00	1.99	2.02	2.02
150	1.96	1.99	1.96	1.99	1.96	1.99	1.97	2.00	1.97	2.01	2.00	2.04	2.02	2.06	2.05	2.08	2.09	2.11	2.10
155	2.12	2.15	2.12	2.14	2.12	2.15	2.13	2.15	2.14	2.16	2.16	2.19	2.17	2.21	2.20	2.23	2.24	2.26	2.25
160	2.29	2.31	2.28	2.30	2.28	2.31	2.30	2.30	2.28	2.32	2.30	2.33	2.32	2.35	2.34	2.37	2.37	2.39	2.39
165	2.39	2.42	2.39	2.41	2.39	2.41	2.39	2.40	2.38	2.41	2.39	2.43	2.41	2.44	2.43	2.45	2.47	2.47	2.47
170	2.48	2.50	2.48	2.48	2.45	2.46	2.46	2.45	2.44	2.45	2.45	2.47	2.45	2.48	2.47	2.49	2.48	2.50	2.51
175	2.58	2.59	2.55	2.57	2.49	2.49	2.49	2.49	2.48	2.49	2.49	2.49	2.48	2.49	2.49	2.50	2.51	2.52	2.53
180	2.62	2.63	2.60	2.59	2.51	2.51	2.49	2.49	2.49	2.50	2.49	2.49	2.49	2.49	2.49	2.49	2.50	2.51	2.53

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:0.2687A P:32.22W PF:0.9923 Lamp Flux:1485.31x1 lm		
NAME: RVF162600L30D1BKGD	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2019-05-21-01
MFR.: AFX	SUR.:0.40	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	546	547	547	547	547	548	548	548	549	549	549	549	550	551	551	551	551	545	545
5	540	540	540	540	540	540	541	541	542	542	543	543	545	547	548	549	550	540	541
10	529	528	528	528	529	529	529	530	530	531	532	533	535	539	540	542	544	531	532
15	513	513	513	512	513	512	513	514	515	515	517	518	521	526	528	531	533	517	518
20	494	493	493	492	492	492	493	494	495	496	497	499	503	508	512	515	518	499	500
25	470	469	469	468	468	468	469	470	471	472	474	476	480	487	491	495	499	477	478
30	443	442	441	441	441	441	442	442	444	445	447	449	454	462	467	471	476	452	452
35	409	407	406	405	406	405	407	408	410	411	414	416	423	433	439	444	449	421	422
40	368	366	365	364	364	364	366	366	369	371	374	376	385	396	403	409	417	383	384
45	323	321	320	318	319	318	320	321	323	325	329	332	341	354	362	368	377	340	341
50	275	272	270	270	269	270	270	272	274	277	281	283	293	307	316	323	332	293	294
55	223	221	219	219	217	218	218	221	222	225	228	232	241	257	265	274	284	242	244
60	171	169	167	166	165	166	166	168	170	173	175	180	189	205	213	223	232	190	192
65	119	116	115	113	113	112	114	115	117	119	123	126	136	152	161	170	180	138	139
70	69.8	67.0	65.9	64.1	64.1	63.7	65.0	65.7	68.1	69.8	73.2	76.2	85.3	99.3	108	117	127	87.0	88.0
75	27.7	25.6	24.7	23.5	23.4	23.1	24.0	24.5	26.2	27.5	30.2	32.5	39.9	51.9	59.8	67.3	76.4	41.6	42.4
80	7.67	7.27	7.11	6.85	6.88	6.81	7.05	7.17	7.55	7.81	8.26	8.60	9.43	15.0	20.2	25.6	32.7	9.81	10.1
85	0.89	0.63	0.54	0.47	0.43	0.48	0.46	0.50	0.73	0.91	1.25	1.63	2.78	4.87	6.24	7.47	8.66	2.87	2.98
90	0.39	0.39	0.40	0.40	0.41	0.41	0.43	0.42	0.42	0.43	0.42	0.43	0.42	0.46	0.43	0.66	1.59	0.26	0.26
95	0.49	0.44	0.50	0.47	0.51	0.48	0.52	0.48	0.51	0.46	0.50	0.44	0.46	0.42	0.42	0.41	0.40	0.38	0.34
100	0.64	0.61	0.66	0.63	0.67	0.63	0.67	0.63	0.67	0.62	0.65	0.59	0.60	0.51	0.53	0.45	0.47	0.53	0.49
105	0.82	0.80	0.83	0.80	0.85	0.81	0.85	0.81	0.84	0.79	0.82	0.77	0.77	0.68	0.69	0.60	0.62	0.71	0.65
110	1.00	0.97	1.01	0.99	1.04	1.00	1.03	1.01	1.02	0.98	1.01	0.95	0.96	0.86	0.86	0.78	0.79	0.91	0.85
115	1.17	1.15	1.20	1.16	1.21	1.19	1.21	1.18	1.20	1.17	1.19	1.15	1.14	1.05	1.05	0.97	0.97	1.09	1.04
120	1.35	1.33	1.37	1.36	1.39	1.37	1.39	1.37	1.39	1.35	1.37	1.33	1.33	1.24	1.23	1.15	1.15	1.29	1.24
125	1.53	1.51	1.55	1.53	1.56	1.53	1.56	1.53	1.57	1.53	1.54	1.51	1.50	1.42	1.42	1.35	1.34	1.48	1.43
130	1.68	1.65	1.68	1.67	1.70	1.68	1.71	1.69	1.70	1.67	1.68	1.66	1.66	1.59	1.59	1.53	1.52	1.66	1.62
135	1.82	1.80	1.83	1.82	1.86	1.82	1.86	1.83	1.85	1.82	1.84	1.80	1.80	1.73	1.74	1.68	1.68	1.83	1.82
140	1.95	1.94	1.96	1.95	1.98	1.96	1.98	1.97	1.98	1.95	1.97	1.95	1.94	1.88	1.88	1.83	1.82	1.99	1.97
145	2.05	2.04	2.07	2.06	2.08	2.06	2.09	2.06	2.09	2.06	2.07	2.05	2.05	2.01	2.00	1.96	1.95	2.05	2.01
150	2.14	2.12	2.15	2.14	2.16	2.15	2.17	2.17	2.16	2.15	2.16	2.15	2.15	2.10	2.11	2.05	2.05	2.14	2.10
155	2.28	2.27	2.29	2.28	2.30	2.29	2.31	2.29	2.31	2.28	2.30	2.28	2.28	2.24	2.24	2.20	2.21	2.25	2.20
160	2.41	2.39	2.42	2.41	2.44	2.42	2.44	2.42	2.44	2.41	2.43	2.41	2.42	2.39	2.39	2.34	2.35	2.37	2.32
165	2.48	2.48	2.49	2.49	2.51	2.49	2.51	2.50	2.51	2.49	2.50	2.49	2.49	2.47	2.49	2.45	2.44	2.49	2.45
170	2.53	2.51	2.53	2.53	2.54	2.53	2.54	2.53	2.55	2.53	2.55	2.54	2.54	2.53	2.53	2.51	2.51	2.56	2.53
175	2.54	2.53	2.53	2.54	2.54	2.54	2.55	2.56	2.56	2.56	2.57	2.57	2.57	2.56	2.57	2.56	2.57	2.60	2.57
180	2.52	2.53	2.53	2.54	2.54	2.54	2.55	2.55	2.55	2.56	2.56	2.57	2.56	2.59	2.58	2.59	2.59	2.63	2.61

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:0.2687A P:32.22W PF:0.9923 Lamp Flux:1485.31x1 lm		
NAME: RVF162600L30D1BKGD	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2019-05-21-01
MFR.: AFX	SUR.:0.40	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	545	545	545	545	545	545	545	545	545	545	545	545	545	546	546	546	546	546	547
5	541	541	540	541	541	541	542	542	543	544	544	545	546	546	547	547	548	549	549
10	532	532	532	532	533	534	535	535	537	538	539	540	541	542	543	544	545	546	547
15	518	518	518	519	520	521	523	524	526	527	529	531	533	534	536	537	538	539	540
20	500	501	501	502	503	505	507	508	511	513	515	517	519	521	523	525	526	528	529
25	478	479	479	481	482	484	487	489	491	494	497	499	502	504	506	508	510	512	513
30	453	453	454	455	458	460	462	465	468	471	474	477	480	483	486	488	490	492	493
35	423	423	424	426	428	431	434	437	441	444	448	451	455	458	461	463	466	468	470
40	385	385	386	388	391	394	399	402	407	411	415	419	424	427	431	434	438	440	442
45	342	342	344	346	350	353	358	362	367	371	377	381	386	390	395	398	402	404	407
50	296	296	298	300	304	307	313	317	323	328	334	338	344	348	353	357	361	364	367
55	245	246	247	251	254	259	263	269	275	281	287	292	298	302	308	312	316	319	322
60	193	195	196	200	203	208	213	219	224	231	236	243	247	254	258	263	267	271	274
65	141	142	144	147	151	156	161	167	173	179	185	191	196	203	207	212	216	220	222
70	89.9	90.2	92.8	95.0	99.7	103	109	114	121	126	133	139	144	150	155	160	164	168	171
75	44.1	44.2	46.4	48.3	52.4	55.6	60.8	65.2	71.2	76.2	82.4	87.5	93.5	98.1	104	108	112	115	119
80	10.8	10.9	12.0	13.0	15.3	17.3	20.9	24.0	28.5	32.4	37.5	41.7	46.8	50.9	55.7	59.1	63.3	65.8	69.0
85	3.25	3.25	3.61	3.91	4.58	5.15	6.06	6.80	7.82	8.58	9.30	9.81	11.5	13.6	16.5	18.7	21.6	23.4	25.8
90	0.26	0.25	0.25	0.24	0.24	0.23	0.23	0.24	0.24	0.25	0.24	0.24	0.23	0.23	0.23	0.24	0.24	0.24	0.24
95	0.37	0.30	0.34	0.29	0.31	0.28	0.29	0.24	0.26	0.22	0.24	0.22	0.23	0.23	0.23	0.24	0.24	0.24	0.24
100	0.52	0.43	0.45	0.40	0.44	0.37	0.40	0.37	0.38	0.31	0.34	0.29	0.32	0.28	0.30	0.25	0.29	0.24	0.29
105	0.69	0.57	0.60	0.56	0.58	0.52	0.54	0.49	0.50	0.44	0.48	0.42	0.45	0.38	0.42	0.37	0.40	0.36	0.40
110	0.87	0.75	0.77	0.72	0.74	0.68	0.71	0.64	0.67	0.60	0.62	0.56	0.59	0.53	0.57	0.52	0.55	0.50	0.53
115	1.06	0.93	0.94	0.89	0.91	0.86	0.88	0.81	0.84	0.78	0.79	0.73	0.76	0.71	0.72	0.68	0.71	0.66	0.70
120	1.25	1.10	1.12	1.08	1.10	1.04	1.05	1.00	1.02	0.96	0.98	0.93	0.93	0.89	0.91	0.86	0.89	0.85	0.88
125	1.45	1.30	1.31	1.27	1.29	1.22	1.24	1.18	1.20	1.14	1.15	1.10	1.12	1.07	1.09	1.05	1.08	1.04	1.07
130	1.63	1.47	1.49	1.44	1.44	1.38	1.40	1.36	1.37	1.32	1.34	1.31	1.30	1.26	1.29	1.25	1.29	1.25	1.26
135	1.84	1.65	1.63	1.58	1.59	1.53	1.55	1.50	1.51	1.47	1.48	1.44	1.45	1.42	1.44	1.41	1.44	1.40	1.42
140	1.94	1.76	1.75	1.72	1.72	1.67	1.68	1.65	1.67	1.62	1.64	1.60	1.62	1.57	1.59	1.57	1.60	1.58	1.61
145	2.02	1.88	1.89	1.86	1.87	1.82	1.83	1.80	1.80	1.76	1.77	1.74	1.75	1.72	1.73	1.72	1.73	1.72	1.74
150	2.11	1.98	2.01	1.98	1.99	1.94	1.96	1.92	1.94	1.90	1.91	1.87	1.89	1.86	1.87	1.85	1.87	1.84	1.87
155	2.21	2.08	2.10	2.09	2.09	2.05	2.07	2.04	2.05	2.01	2.03	2.01	2.02	1.99	2.00	1.98	1.99	1.97	2.00
160	2.33	2.21	2.22	2.21	2.22	2.19	2.21	2.18	2.19	2.16	2.18	2.15	2.16	2.13	2.15	2.13	2.15	2.13	2.15
165	2.45	2.33	2.34	2.32	2.34	2.31	2.32	2.30	2.31	2.29	2.30	2.28	2.30	2.27	2.29	2.26	2.29	2.26	2.29
170	2.52	2.41	2.43	2.41	2.42	2.40	2.41	2.40	2.42	2.39	2.40	2.38	2.40	2.38	2.39	2.38	2.39	2.39	2.39
175	2.57	2.46	2.48	2.46	2.48	2.46	2.48	2.46	2.48	2.45	2.46	2.45	2.46	2.45	2.47	2.46	2.48	2.47	2.48
180	2.61	2.49	2.49	2.49	2.50	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.52	2.52	2.52	2.53

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:0.2687A P:32.22W PF:0.9923 Lamp Flux:1485.31x1 lm		
NAME: RVF162600L30D1BKGD	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2019-05-21-01
MFR.: AFX	SUR.:0.40	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	547	547	547	548	548	548	549	549	549	549	550	551	551	551	551				
5	549	550	550	550	550	551	551	551	551	551	550	550	549	549	547				
10	547	548	548	548	549	549	549	548	548	548	546	545	543	542	540				
15	541	541	542	542	542	542	542	541	541	540	538	535	532	530	527				
20	530	531	531	531	531	531	530	530	529	528	525	520	517	514	510				
25	514	515	516	516	516	515	514	514	512	511	507	502	497	494	489				
30	494	496	496	496	496	496	494	494	492	490	486	479	474	470	464				
35	471	472	472	473	472	472	471	470	467	466	460	453	447	442	436				
40	444	445	445	446	445	445	443	442	439	437	431	421	413	407	399				
45	409	411	411	412	411	410	408	407	404	401	393	382	374	367	358				
50	368	370	371	372	371	370	368	366	363	360	351	338	330	322	312				
55	324	326	326	327	326	326	323	322	318	315	305	292	282	274	264				
60	276	279	279	280	278	278	275	273	269	264	256	240	232	222	213				
65	225	227	228	228	228	226	224	221	218	213	204	188	179	170	160				
70	173	175	176	176	175	174	172	169	165	161	151	136	126	118	107				
75	120	122	123	123	122	121	118	116	112	109	98.7	84.8	75.2	67.9	57.9				
80	70.4	72.4	72.6	73.2	71.8	71.1	68.5	66.6	63.0	60.0	50.9	38.8	31.0	25.2	18.1				
85	26.9	28.4	28.5	29.1	27.9	27.5	25.3	24.0	21.2	19.1	13.2	9.16	8.13	7.02	5.32				
90	7.61	7.96	7.95	8.04	7.79	7.67	7.20	6.87	6.21	5.64	3.97	1.93	0.85	0.26	0.25				
95	0.29	0.46	0.43	0.49	0.36	0.30	0.27	0.26	0.26	0.25	0.26	0.27	0.25	0.29	0.28				
100	0.24	0.28	0.24	0.28	0.25	0.28	0.26	0.29	0.27	0.31	0.29	0.37	0.35	0.41	0.39				
105	0.36	0.39	0.35	0.39	0.35	0.40	0.36	0.41	0.38	0.43	0.42	0.50	0.49	0.56	0.57				
110	0.49	0.53	0.50	0.53	0.51	0.55	0.51	0.57	0.53	0.58	0.58	0.67	0.66	0.73	0.73				
115	0.66	0.70	0.65	0.71	0.67	0.72	0.68	0.73	0.70	0.77	0.76	0.85	0.85	0.91	0.92				
120	0.84	0.88	0.85	0.88	0.86	0.91	0.87	0.92	0.90	0.95	0.95	1.05	1.05	1.11	1.11				
125	1.03	1.07	1.03	1.07	1.04	1.09	1.07	1.12	1.09	1.15	1.15	1.24	1.25	1.31	1.32				
130	1.24	1.27	1.22	1.25	1.23	1.26	1.24	1.30	1.27	1.32	1.33	1.44	1.46	1.53	1.53				
135	1.39	1.41	1.38	1.42	1.39	1.44	1.41	1.46	1.44	1.49	1.49	1.58	1.60	1.68	1.70				
140	1.58	1.61	1.58	1.58	1.56	1.60	1.58	1.62	1.61	1.65	1.64	1.71	1.73	1.77	1.81				
145	1.72	1.75	1.72	1.74	1.72	1.75	1.72	1.77	1.75	1.79	1.80	1.87	1.87	1.92	1.92				
150	1.85	1.87	1.86	1.89	1.86	1.89	1.88	1.91	1.90	1.94	1.95	2.01	2.00	2.04	2.04				
155	1.99	2.01	1.99	2.01	2.00	2.03	2.01	2.05	2.03	2.07	2.07	2.12	2.12	2.16	2.17				
160	2.14	2.16	2.15	2.16	2.15	2.19	2.18	2.20	2.19	2.21	2.22	2.26	2.26	2.29	2.29				
165	2.26	2.30	2.28	2.30	2.31	2.31	2.30	2.33	2.32	2.35	2.35	2.38	2.39	2.41	2.40				
170	2.38	2.40	2.39	2.41	2.40	2.43	2.40	2.43	2.43	2.44	2.44	2.48	2.48	2.49	2.49				
175	2.47	2.50	2.48	2.50	2.49	2.51	2.50	2.52	2.51	2.53	2.53	2.54	2.55	2.57	2.56				
180	2.53	2.54	2.53	2.54	2.54	2.54	2.55	2.55	2.55	2.56	2.57	2.58	2.58	2.58	2.59				

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	545.1	545.4	545.0	545.3	544.7	544.9	544.6	544.5	544.6	544.5
2.5	545.7	546.0	545.5	545.7	545.1	545.2	544.7	544.5	544.3	543.9
5.0	545.2	545.4	544.8	545.1	544.4	544.3	543.6	543.2	542.8	542.2
7.5	543.6	543.8	543.1	543.3	542.4	542.3	541.5	540.9	540.1	539.4
10.0	540.8	540.9	540.2	540.4	539.5	539.1	538.1	537.3	536.4	535.4
12.5	536.9	537.0	536.2	536.3	535.3	534.9	533.6	532.7	531.5	530.3
15.0	531.8	531.9	530.9	531.1	529.9	529.4	528.0	526.9	525.4	524.1
17.5	525.6	525.6	524.7	524.6	523.5	522.9	521.2	520.0	518.3	516.8
20.0	518.4	518.3	517.3	517.3	516.0	515.3	513.4	512.0	510.2	508.4
22.5	510.1	509.9	508.8	508.8	507.4	506.6	504.6	503.0	500.9	499.0
25.0	500.7	500.5	499.4	499.3	497.8	496.9	494.7	493.1	490.8	488.6
27.5	490.3	490.1	488.8	488.8	487.3	486.2	483.9	482.1	479.6	477.3
30.0	478.9	478.7	477.4	477.3	475.7	474.6	472.2	470.3	467.4	465.1
32.5	466.7	466.4	465.0	464.9	463.3	462.1	459.5	457.5	454.5	451.9
35.0	453.6	453.2	451.8	451.7	450.0	448.7	446.0	443.7	440.5	437.5
37.5	439.6	439.1	437.7	437.4	435.5	433.9	430.6	427.9	424.0	420.7
40.0	423.3	422.7	421.0	420.6	418.5	416.7	413.1	410.2	406.0	402.3
42.5	405.2	404.6	402.7	402.3	399.9	398.0	394.1	391.0	386.5	382.6
45.0	385.9	385.1	383.2	382.6	380.2	378.0	374.0	370.6	365.9	361.8
47.5	365.4	364.6	362.5	361.9	359.4	357.1	352.9	349.5	344.4	340.1
50.0	343.8	342.9	340.8	340.1	337.6	335.2	330.8	327.2	321.9	317.5
52.5	321.3	320.4	318.3	317.5	314.9	312.4	307.9	304.2	298.6	294.1
55.0	298.0	297.0	294.8	294.1	291.3	288.8	284.0	280.4	274.6	268.9
57.5	274.0	272.6	270.7	268.9	267.1	262.9	259.7	254.2	249.9	243.6
60.0	249.3	246.8	246.0	243.7	242.4	238.2	234.7	229.3	224.7	218.5
62.5	224.0	221.5	220.5	218.3	216.9	212.8	209.2	203.7	199.0	192.7
65.0	198.3	195.8	194.7	192.6	191.0	187.0	183.2	177.9	172.9	166.8
67.5	172.2	169.8	168.6	166.5	164.9	160.8	157.0	151.8	146.8	140.8
70.0	146.0	143.7	142.4	140.5	138.4	134.9	130.0	125.9	120.1	115.2
72.5	119.2	117.8	115.7	114.7	112.1	109.2	104.6	100.5	94.83	90.14
75.0	93.90	92.56	90.51	89.60	87.11	84.39	79.91	76.04	70.69	66.27
77.5	69.64	68.38	66.37	65.52	63.29	60.69	56.65	53.07	48.19	44.17
80.0	46.94	45.80	44.12	43.29	41.37	39.08	35.48	32.41	28.22	24.89
82.5	26.93	26.00	24.64	23.95	22.41	20.61	17.83	15.55	12.67	10.71
85.0	11.73	11.23	10.55	10.23	9.635	9.255	8.847	8.404	7.692	7.005
87.5	7.570	7.349	7.042	6.860	6.487	6.044	5.351	4.688	3.870	3.198
90.0	3.571	3.378	3.114	2.980	2.682	2.318	1.807	1.374	0.8824	0.4991
92.5	0.5984	0.5396	0.4818	0.4246	0.4416	0.3893	0.4167	0.3757	0.3939	0.3712
95.0	0.4166	0.4029	0.4075	0.3984	0.3987	0.3893	0.3849	0.3759	0.3757	0.3803
97.5	0.4029	0.4075	0.3984	0.4030	0.3938	0.4029	0.3848	0.4030	0.3757	0.4168
100.0	0.4029	0.4482	0.3984	0.4395	0.3982	0.4438	0.4025	0.4533	0.4210	0.4802
102.5	0.4521	0.5028	0.4571	0.5070	0.4568	0.5119	0.4795	0.5209	0.4977	0.5569
105.0	0.5205	0.5704	0.5249	0.5752	0.5292	0.5800	0.5519	0.5979	0.5657	0.6299
107.5	0.6019	0.6474	0.6153	0.6569	0.6153	0.6656	0.6426	0.6840	0.6562	0.7154
110.0	0.6923	0.7471	0.6971	0.7425	0.7240	0.7519	0.7196	0.7651	0.7378	0.8017
112.5	0.7824	0.8330	0.7919	0.8331	0.7963	0.8379	0.8057	0.8511	0.8280	0.8877
115.0	0.8690	0.9193	0.8732	0.9195	0.8735	0.9236	0.8916	0.9419	0.9184	0.9736
117.5	0.9637	1.010	0.9641	1.001	0.9592	1.014	0.9821	1.023	1.005	1.059
120.0	1.055	1.105	1.055	1.092	1.054	1.096	1.077	1.118	1.091	1.145
122.5	1.159	1.191	1.145	1.187	1.141	1.186	1.159	1.209	1.181	1.236
125.0	1.231	1.277	1.236	1.277	1.231	1.272	1.258	1.300	1.281	1.322
127.5	1.326	1.363	1.330	1.363	1.331	1.363	1.348	1.385	1.363	1.417
130.0	1.412	1.449	1.412	1.449	1.430	1.453	1.430	1.467	1.449	1.499
132.5	1.503	1.539	1.503	1.530	1.503	1.540	1.516	1.557	1.534	1.580
135.0	1.588	1.630	1.588	1.617	1.589	1.621	1.602	1.630	1.611	1.666
137.5	1.661	1.689	1.656	1.684	1.656	1.689	1.670	1.702	1.684	1.725
140.0	1.725	1.761	1.729	1.757	1.743	1.761	1.743	1.766	1.752	1.788
142.5	1.797	1.824	1.806	1.815	1.797	1.825	1.802	1.838	1.815	1.852
145.0	1.856	1.888	1.860	1.879	1.860	1.888	1.869	1.893	1.879	1.919
147.5	1.901	1.933	1.901	1.933	1.914	1.938	1.919	1.938	1.919	1.960
150.0	1.960	1.992	1.960	1.987	1.964	1.992	1.973	1.996	1.973	2.015
152.5	2.041	2.074	2.037	2.065	2.046	2.069	2.046	2.078	2.060	2.087
155.0	2.119	2.146	2.118	2.142	2.123	2.151	2.127	2.147	2.136	2.164
157.5	2.223	2.246	2.226	2.237	2.209	2.232	2.213	2.237	2.222	2.251
160.0	2.286	2.309	2.277	2.304	2.277	2.309	2.295	2.304	2.282	2.318
162.5	2.336	2.359	2.336	2.350	2.327	2.354	2.331	2.350	2.327	2.350
165.0	2.395	2.417	2.390	2.408	2.385	2.408	2.390	2.404	2.381	2.413
167.5	2.435	2.449	2.426	2.431	2.413	2.431	2.404	2.422	2.408	2.422
170.0	2.476	2.499	2.476	2.481	2.449	2.463	2.462	2.454	2.440	2.454
172.5	2.521	2.549	2.508	2.517	2.467	2.490	2.476	2.476	2.454	2.476
175.0	2.580	2.594	2.549	2.567	2.494	2.494	2.485	2.494	2.481	2.490
177.5	2.598	2.617	2.571	2.580	2.494	2.494	2.485	2.494	2.485	2.494
180.0	2.621	2.626	2.598	2.599	2.512	2.508	2.494	2.494	2.494	2.499

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	544.8	544.8	544.8	545.2	545.3	545.5	545.8	546.1	546.2	546.5
2.5	544.0	543.8	543.5	543.7	543.4	543.5	543.5	543.6	543.5	543.7
5.0	542.0	541.5	541.1	541.0	540.5	540.4	540.1	540.1	539.8	539.9
7.5	538.8	538.3	537.5	537.1	536.4	536.0	535.6	535.4	534.9	534.9
10.0	534.6	533.7	532.6	532.2	531.2	530.6	529.9	529.7	528.9	528.8
12.5	529.2	528.1	526.8	526.1	524.8	524.1	523.2	522.7	521.8	521.6
15.0	522.7	521.4	519.8	518.9	517.4	516.5	515.4	514.7	513.7	513.4
17.5	515.0	513.6	511.7	510.6	508.9	507.9	506.5	505.7	504.5	504.1
20.0	506.5	504.8	502.7	501.4	499.5	498.1	496.5	495.6	494.3	493.8
22.5	496.8	494.9	492.6	491.1	489.0	487.5	485.7	484.7	483.2	482.5
25.0	486.2	484.2	481.5	479.9	477.6	475.8	473.9	472.8	471.1	470.3
27.5	474.7	472.5	469.6	467.7	465.2	463.4	461.3	459.9	458.1	457.3
30.0	462.2	459.9	456.8	454.7	451.9	450.0	447.7	446.2	444.2	443.3
32.5	448.8	446.4	442.8	440.5	437.2	434.9	432.1	430.4	428.0	426.9
35.0	433.7	430.6	426.6	423.9	420.2	417.6	414.4	412.5	409.9	408.7
37.5	416.5	413.0	408.7	405.7	401.5	398.8	395.3	393.2	390.5	389.0
40.0	397.7	394.0	389.3	386.0	381.7	378.7	375.1	372.7	369.6	368.2
42.5	377.7	373.8	368.8	365.4	360.7	357.6	353.6	351.2	347.9	346.3
45.0	356.7	352.6	347.3	343.5	338.7	335.3	331.2	328.6	325.1	323.4
47.5	334.8	330.3	324.8	321.0	315.9	312.4	308.0	305.2	301.5	299.7
50.0	311.8	307.4	301.6	297.4	292.1	288.6	283.9	281.2	277.2	274.8
52.5	288.0	283.6	277.5	272.8	267.7	262.3	259.1	254.6	252.2	248.6
55.0	263.8	257.3	252.7	246.8	242.5	237.1	233.5	229.2	226.6	223.0
57.5	238.8	232.3	227.4	221.5	217.0	211.6	207.8	203.3	200.5	197.0
60.0	213.4	206.9	201.8	195.8	191.0	185.7	181.7	177.3	174.3	171.0
62.5	187.4	181.1	175.6	169.8	164.9	159.6	155.4	151.2	147.9	144.7
65.0	161.3	155.1	149.5	143.8	138.4	133.6	128.6	125.3	121.1	118.8
67.5	134.8	129.1	122.8	118.0	112.3	108.2	103.2	100.00	95.94	93.72
70.0	108.9	103.8	97.66	93.06	87.51	83.56	78.80	75.77	71.96	69.77
72.5	84.11	79.31	73.48	69.16	63.91	60.24	55.80	52.98	49.43	47.43
75.0	60.61	56.20	50.80	46.90	42.15	38.84	34.93	32.47	29.35	27.70
77.5	39.16	35.23	30.49	27.13	23.23	20.52	17.48	15.62	13.44	12.34
80.0	20.79	17.73	14.26	12.02	9.872	9.130	8.725	8.416	7.958	7.673
82.5	9.218	8.765	8.098	7.480	6.657	6.061	5.317	4.831	4.245	3.912
85.0	6.081	5.308	4.387	3.725	2.948	2.431	1.855	1.499	1.107	0.8882
87.5	2.398	1.816	1.233	0.7962	0.4399	0.3803	0.4120	0.3848	0.4120	0.3893
90.0	0.4123	0.3712	0.3895	0.3712	0.3803	0.3803	0.3848	0.3893	0.3938	0.3939
92.5	0.3760	0.3757	0.3757	0.3804	0.3757	0.3939	0.3803	0.4032	0.3938	0.4257
95.0	0.3712	0.3984	0.3712	0.4120	0.3847	0.4437	0.4206	0.4618	0.4345	0.4889
97.5	0.3845	0.4440	0.4117	0.4755	0.4434	0.5027	0.4797	0.5342	0.5160	0.5528
100.0	0.4481	0.5116	0.4929	0.5478	0.5202	0.5799	0.5565	0.6112	0.5925	0.6433
102.5	0.5245	0.5886	0.5606	0.6251	0.5973	0.6615	0.6425	0.7018	0.6741	0.7249
105.0	0.6059	0.6703	0.6472	0.7112	0.6958	0.7520	0.7240	0.7832	0.7599	0.8153
107.5	0.6919	0.7560	0.7329	0.8013	0.7783	0.8379	0.8147	0.8695	0.8550	0.9055
110.0	0.7827	0.8376	0.8147	0.8785	0.8600	0.9236	0.9095	0.9647	0.9370	0.9960
112.5	0.8644	0.9284	0.9049	0.9688	0.9550	1.010	0.9953	1.051	1.032	1.082
115.0	0.9549	1.019	1.0000	1.059	1.041	1.101	1.082	1.141	1.122	1.168
117.5	1.045	1.105	1.086	1.145	1.126	1.186	1.177	1.232	1.213	1.263
120.0	1.132	1.195	1.172	1.232	1.226	1.273	1.267	1.318	1.303	1.349
122.5	1.226	1.281	1.267	1.317	1.312	1.363	1.353	1.408	1.394	1.440
125.0	1.307	1.367	1.349	1.412	1.399	1.449	1.444	1.490	1.480	1.526
127.5	1.398	1.449	1.439	1.494	1.485	1.530	1.530	1.576	1.562	1.612
130.0	1.484	1.539	1.521	1.576	1.566	1.612	1.607	1.653	1.634	1.675
132.5	1.566	1.616	1.602	1.652	1.634	1.680	1.670	1.720	1.702	1.748
135.0	1.638	1.684	1.674	1.716	1.715	1.752	1.747	1.793	1.779	1.825
137.5	1.720	1.761	1.743	1.793	1.783	1.833	1.824	1.865	1.864	1.888
140.0	1.783	1.825	1.811	1.852	1.847	1.888	1.888	1.919	1.910	1.947
142.5	1.847	1.892	1.869	1.915	1.901	1.942	1.942	1.983	1.969	2.005
145.0	1.901	1.942	1.928	1.969	1.960	2.001	1.987	2.024	2.023	2.051
147.5	1.946	1.987	1.969	2.006	2.010	2.037	2.028	2.069	2.060	2.087
150.0	1.996	2.037	2.019	2.060	2.046	2.078	2.086	2.110	2.105	2.142
152.5	2.087	2.110	2.100	2.137	2.128	2.159	2.163	2.187	2.182	2.210
155.0	2.159	2.187	2.173	2.209	2.195	2.232	2.240	2.255	2.254	2.277
157.5	2.241	2.264	2.254	2.291	2.281	2.313	2.309	2.336	2.322	2.350
160.0	2.300	2.331	2.322	2.349	2.336	2.372	2.372	2.390	2.386	2.413
162.5	2.345	2.368	2.358	2.386	2.377	2.400	2.399	2.426	2.417	2.445
165.0	2.395	2.426	2.412	2.435	2.431	2.454	2.467	2.467	2.467	2.481
167.5	2.422	2.440	2.426	2.449	2.449	2.463	2.467	2.476	2.472	2.490
170.0	2.453	2.467	2.454	2.481	2.467	2.485	2.481	2.499	2.508	2.531
172.5	2.454	2.481	2.467	2.485	2.485	2.499	2.499	2.503	2.521	2.535
175.0	2.485	2.490	2.481	2.490	2.494	2.499	2.512	2.521	2.526	2.535
177.5	2.481	2.490	2.485	2.490	2.494	2.490	2.512	2.503	2.531	2.521
180.0	2.490	2.490	2.485	2.490	2.494	2.490	2.503	2.512	2.526	2.521

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	546.7	546.9	547.1	547.3	547.5	548.0	548.2	548.5	548.7	549.1
2.5	543.8	544.0	544.1	544.3	544.5	545.0	545.2	545.8	546.0	546.5
5.0	539.8	539.9	539.9	540.2	540.4	540.9	541.1	541.8	542.2	542.8
7.5	534.6	534.7	534.6	535.0	535.0	535.7	535.9	536.6	537.2	538.0
10.0	528.3	528.3	528.2	528.5	528.6	529.2	529.5	530.4	530.9	532.0
12.5	521.0	521.0	520.8	521.0	521.1	521.7	522.1	523.0	523.7	524.9
15.0	512.7	512.5	512.2	512.5	512.5	513.2	513.7	514.7	515.3	516.8
17.5	503.2	503.1	502.6	502.9	502.9	503.7	504.1	505.2	506.0	507.5
20.0	492.8	492.6	492.0	492.3	492.3	493.2	493.6	494.8	495.6	497.3
22.5	481.4	481.3	480.6	480.8	480.7	481.6	482.1	483.4	484.3	486.1
25.0	469.2	468.8	468.2	468.3	468.2	469.2	469.7	471.1	472.0	473.9
27.5	456.0	455.6	454.9	455.0	454.9	455.8	456.4	457.8	458.9	460.8
30.0	441.8	441.4	440.5	440.8	440.6	441.6	442.1	443.7	444.7	446.9
32.5	425.2	424.8	423.9	424.2	424.0	425.4	426.0	428.0	429.3	431.9
35.0	406.8	406.3	405.3	405.6	405.5	406.9	407.6	409.8	411.3	414.1
37.5	387.0	386.4	385.3	385.6	385.3	386.9	387.6	390.0	391.4	394.6
40.0	365.9	365.3	364.1	364.3	364.1	365.6	366.4	368.9	370.5	373.8
42.5	343.8	343.2	341.7	342.0	341.7	343.3	344.0	346.6	348.3	351.7
45.0	320.8	320.1	318.5	318.8	318.4	320.0	320.9	323.4	325.1	328.8
47.5	297.0	296.2	294.5	294.8	294.3	296.0	296.8	299.5	301.3	304.9
50.0	272.4	270.1	269.8	269.0	269.6	270.3	272.0	274.3	276.5	280.5
52.5	247.1	244.8	244.4	243.2	244.1	244.3	246.5	247.9	251.2	253.6
55.0	221.4	219.1	218.5	217.4	218.2	218.5	220.6	222.1	225.3	227.8
57.5	195.3	193.0	192.3	191.2	192.0	192.4	194.3	195.8	199.1	201.6
60.0	169.0	166.9	166.1	165.0	165.6	166.1	168.0	169.6	172.7	175.4
62.5	142.6	140.6	139.3	138.8	138.9	139.9	141.5	143.3	146.2	149.1
65.0	115.9	114.8	112.9	112.9	112.5	114.0	114.7	117.4	119.2	123.0
67.5	90.71	89.67	87.81	87.90	87.41	88.86	89.53	92.14	93.95	97.54
70.0	66.98	65.93	64.14	64.12	63.65	65.02	65.69	68.09	69.80	73.19
72.5	44.90	43.90	42.35	42.25	41.78	42.96	43.58	45.78	47.32	50.36
75.0	25.58	24.74	23.48	23.44	23.07	24.03	24.46	26.25	27.54	30.16
77.5	11.08	10.65	10.01	10.04	9.904	10.37	10.65	11.64	12.44	14.19
80.0	7.265	7.111	6.852	6.877	6.812	7.049	7.168	7.553	7.808	8.260
82.5	3.491	3.340	3.087	3.100	3.039	3.250	3.360	3.749	4.032	4.577
85.0	0.6287	0.5387	0.4670	0.4299	0.4803	0.4612	0.5036	0.7292	0.9148	1.251
87.5	0.4119	0.3938	0.4165	0.4074	0.4211	0.4119	0.4347	0.4210	0.4436	0.4210
90.0	0.3938	0.4030	0.4029	0.4120	0.4119	0.4255	0.4210	0.4211	0.4255	0.4210
92.5	0.3983	0.4350	0.4074	0.4528	0.4164	0.4529	0.4255	0.4482	0.4255	0.4392
95.0	0.4434	0.5025	0.4662	0.5119	0.4794	0.5209	0.4753	0.5116	0.4567	0.4980
97.5	0.5206	0.5752	0.5387	0.5931	0.5474	0.5889	0.5431	0.5796	0.5294	0.5705
100.0	0.6060	0.6568	0.6335	0.6701	0.6337	0.6705	0.6292	0.6657	0.6153	0.6474
102.5	0.7012	0.7471	0.7105	0.7696	0.7196	0.7609	0.7192	0.7516	0.7012	0.7334
105.0	0.7959	0.8336	0.7966	0.8511	0.8100	0.8516	0.8102	0.8422	0.7921	0.8241
107.5	0.8734	0.9192	0.8959	0.9376	0.9090	0.9462	0.9002	0.9326	0.8868	0.9059
110.0	0.9683	1.010	0.9911	1.037	1.005	1.033	1.009	1.024	0.9778	1.005
112.5	1.068	1.105	1.086	1.123	1.091	1.127	1.086	1.114	1.073	1.091
115.0	1.145	1.195	1.163	1.209	1.186	1.214	1.177	1.205	1.167	1.186
117.5	1.240	1.281	1.258	1.299	1.272	1.304	1.272	1.299	1.254	1.281
120.0	1.331	1.372	1.362	1.394	1.367	1.395	1.371	1.390	1.353	1.372
122.5	1.425	1.458	1.444	1.476	1.448	1.485	1.448	1.476	1.435	1.454
125.0	1.507	1.548	1.526	1.562	1.534	1.562	1.534	1.567	1.525	1.544
127.5	1.593	1.621	1.606	1.639	1.611	1.648	1.611	1.644	1.606	1.621
130.0	1.648	1.684	1.675	1.703	1.679	1.707	1.688	1.698	1.666	1.684
132.5	1.729	1.761	1.743	1.770	1.756	1.784	1.752	1.779	1.738	1.762
135.0	1.797	1.834	1.815	1.856	1.824	1.856	1.829	1.847	1.824	1.838
137.5	1.878	1.910	1.892	1.924	1.897	1.928	1.897	1.929	1.892	1.911
140.0	1.942	1.965	1.951	1.978	1.960	1.983	1.969	1.983	1.951	1.969
142.5	1.987	2.015	2.010	2.033	2.023	2.037	2.010	2.033	2.019	2.024
145.0	2.041	2.073	2.060	2.078	2.060	2.091	2.064	2.087	2.059	2.069
147.5	2.078	2.101	2.091	2.119	2.096	2.128	2.105	2.123	2.100	2.114
150.0	2.118	2.151	2.141	2.160	2.155	2.173	2.168	2.164	2.145	2.164
152.5	2.200	2.218	2.218	2.232	2.218	2.237	2.227	2.236	2.214	2.227
155.0	2.268	2.286	2.281	2.304	2.286	2.309	2.286	2.309	2.282	2.300
157.5	2.345	2.368	2.354	2.377	2.367	2.386	2.367	2.373	2.354	2.368
160.0	2.395	2.422	2.413	2.435	2.422	2.440	2.421	2.440	2.413	2.431
162.5	2.444	2.450	2.454	2.463	2.449	2.472	2.453	2.472	2.453	2.463
165.0	2.476	2.494	2.485	2.508	2.494	2.508	2.499	2.508	2.494	2.503
167.5	2.481	2.503	2.499	2.512	2.508	2.521	2.517	2.526	2.508	2.513
170.0	2.512	2.535	2.526	2.540	2.526	2.544	2.535	2.553	2.535	2.549
172.5	2.526	2.531	2.535	2.544	2.539	2.553	2.553	2.558	2.544	2.558
175.0	2.526	2.526	2.535	2.544	2.544	2.553	2.562	2.558	2.562	2.571
177.5	2.526	2.526	2.535	2.535	2.553	2.544	2.558	2.549	2.562	2.567
180.0	2.531	2.531	2.540	2.535	2.540	2.544	2.549	2.549	2.558	2.562

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	549.3	550.0	550.6	550.9	551.0	550.8	545.1	545.4	545.0	545.3
2.5	547.0	548.0	549.4	550.1	550.4	550.7	543.4	543.7	543.4	543.6
5.0	543.4	544.9	546.9	548.0	548.8	549.6	540.4	540.8	540.5	540.8
7.5	538.7	540.7	543.2	544.9	546.0	547.2	536.3	536.8	536.5	537.0
10.0	532.8	535.2	538.5	540.4	541.9	543.7	531.1	531.6	531.5	531.9
12.5	525.8	528.7	532.7	535.0	536.8	539.1	524.8	525.2	525.4	525.7
15.0	517.8	521.1	525.6	528.4	530.6	533.3	517.3	517.9	518.0	518.4
17.5	508.7	512.4	517.6	520.7	523.2	526.3	508.9	509.5	509.7	510.0
20.0	498.6	502.7	508.4	512.0	514.9	518.3	499.4	500.0	500.2	500.6
22.5	487.4	491.9	498.2	502.2	505.4	509.3	488.8	489.5	489.8	490.3
25.0	475.5	480.3	487.0	491.3	495.0	499.2	477.4	478.0	478.5	478.8
27.5	462.5	467.6	475.0	479.6	483.5	488.1	465.0	465.6	466.2	466.5
30.0	448.7	454.2	462.0	466.9	471.0	476.1	451.7	452.4	453.0	453.4
32.5	433.8	439.8	448.0	453.3	457.7	463.2	437.6	438.3	438.9	439.3
35.0	416.3	423.4	433.1	438.9	443.5	449.3	421.3	422.0	422.8	423.0
37.5	397.2	404.7	415.5	422.2	427.8	434.4	402.8	403.5	404.5	404.8
40.0	376.4	384.6	396.2	403.3	409.5	416.7	382.8	383.8	384.8	385.1
42.5	354.5	363.2	375.3	383.1	389.5	397.5	361.9	362.8	364.0	364.2
45.0	331.7	340.6	353.5	361.6	368.5	376.9	339.8	340.7	342.2	342.4
47.5	307.9	317.2	330.6	339.1	346.4	355.2	316.9	317.7	319.2	319.5
50.0	283.4	293.0	306.8	315.6	323.1	332.3	293.0	293.8	295.6	295.8
52.5	258.2	267.0	282.2	291.4	299.1	308.8	267.4	269.4	270.2	271.4
55.0	232.4	241.0	256.9	264.8	274.4	284.4	241.7	244.2	244.7	246.4
57.5	206.3	214.9	231.2	239.3	249.1	257.5	216.1	218.6	219.2	220.8
60.0	179.8	188.8	205.1	213.4	223.2	232.0	190.0	192.3	193.2	194.6
62.5	153.3	162.4	178.5	187.0	196.7	206.0	163.8	166.1	167.0	168.4
65.0	126.2	136.1	152.0	160.5	170.2	179.6	137.7	139.4	140.8	142.1
67.5	100.7	110.2	124.8	134.1	143.6	153.1	112.0	113.0	115.0	115.3
70.0	76.23	85.28	99.30	108.3	116.7	126.9	86.98	87.96	89.91	90.16
72.5	53.18	61.61	74.79	83.40	91.35	101.1	63.30	64.18	66.08	66.27
75.0	32.54	39.90	51.89	59.79	67.28	76.45	41.58	42.40	44.09	44.23
77.5	15.84	21.44	31.37	38.30	45.02	53.38	23.02	23.57	24.92	25.04
80.0	8.598	9.431	15.01	20.21	25.59	32.66	9.812	10.12	10.85	10.92
82.5	5.099	6.540	8.456	9.223	11.38	15.93	6.573	6.694	6.981	7.012
85.0	1.631	2.781	4.868	6.236	7.474	8.656	2.873	2.984	3.251	3.247
87.5	0.4620	0.4299	1.452	2.496	3.613	5.054	0.2757	0.3303	0.4584	0.4281
90.0	0.4346	0.4210	0.4617	0.4254	0.6641	1.592	0.2628	0.2580	0.2582	0.2490
92.5	0.4255	0.4213	0.4256	0.4119	0.4346	0.4029	0.3128	0.2715	0.3127	0.2534
95.0	0.4434	0.4618	0.4210	0.4210	0.4074	0.4029	0.3803	0.3438	0.3715	0.3031
97.5	0.5110	0.5301	0.4387	0.4576	0.4074	0.4167	0.4528	0.4072	0.4350	0.3621
100.0	0.5881	0.6023	0.5112	0.5254	0.4521	0.4667	0.5303	0.4885	0.5165	0.4254
102.5	0.6783	0.6836	0.5879	0.6021	0.5248	0.5388	0.6160	0.5657	0.5981	0.5022
105.0	0.7692	0.7742	0.6785	0.6881	0.5975	0.6162	0.7062	0.6516	0.6882	0.5747
107.5	0.8600	0.8606	0.7693	0.7697	0.6921	0.6976	0.8058	0.7465	0.7791	0.6606
110.0	0.9505	0.9599	0.8597	0.8559	0.7830	0.7879	0.9056	0.8465	0.8739	0.7467
112.5	1.050	1.046	0.9506	0.9552	0.8774	0.8785	0.9963	0.9414	0.9648	0.8326
115.0	1.145	1.141	1.045	1.046	0.9686	0.9691	1.091	1.041	1.059	0.9277
117.5	1.231	1.231	1.145	1.137	1.064	1.055	1.182	1.136	1.150	1.005
120.0	1.326	1.327	1.236	1.231	1.154	1.150	1.290	1.235	1.255	1.104
122.5	1.412	1.417	1.331	1.327	1.253	1.245	1.381	1.331	1.354	1.200
125.0	1.507	1.499	1.417	1.417	1.353	1.335	1.485	1.430	1.449	1.299
127.5	1.584	1.585	1.507	1.508	1.444	1.426	1.575	1.525	1.539	1.380
130.0	1.657	1.662	1.589	1.589	1.525	1.517	1.662	1.621	1.626	1.466
132.5	1.724	1.720	1.652	1.666	1.607	1.603	1.761	1.711	1.716	1.561
135.0	1.801	1.802	1.733	1.739	1.684	1.675	1.834	1.824	1.838	1.652
137.5	1.879	1.879	1.811	1.811	1.765	1.752	1.952	1.942	1.951	1.738
140.0	1.946	1.938	1.878	1.883	1.828	1.820	1.992	1.974	1.938	1.756
142.5	1.996	1.992	1.937	1.951	1.892	1.888	2.010	1.974	1.974	1.815
145.0	2.051	2.051	2.005	2.001	1.955	1.947	2.046	2.005	2.024	1.879
147.5	2.091	2.091	2.037	2.038	2.010	2.001	2.087	2.051	2.069	1.950
150.0	2.150	2.146	2.096	2.105	2.055	2.051	2.137	2.100	2.110	1.983
152.5	2.214	2.214	2.173	2.182	2.132	2.132	2.191	2.146	2.155	2.023
155.0	2.277	2.282	2.236	2.241	2.204	2.205	2.245	2.204	2.214	2.082
157.5	2.353	2.359	2.317	2.327	2.303	2.286	2.313	2.272	2.282	2.159
160.0	2.408	2.417	2.385	2.390	2.345	2.350	2.368	2.318	2.332	2.214
162.5	2.444	2.454	2.426	2.418	2.394	2.399	2.431	2.381	2.395	2.263
165.0	2.494	2.495	2.472	2.485	2.449	2.445	2.485	2.449	2.449	2.326
167.5	2.512	2.517	2.485	2.499	2.467	2.472	2.522	2.481	2.490	2.367
170.0	2.539	2.544	2.526	2.531	2.512	2.512	2.562	2.526	2.522	2.408
172.5	2.549	2.558	2.535	2.549	2.531	2.540	2.589	2.557	2.558	2.444
175.0	2.567	2.567	2.562	2.567	2.562	2.567	2.603	2.567	2.571	2.458
177.5	2.571	2.562	2.567	2.571	2.580	2.567	2.612	2.603	2.594	2.472
180.0	2.567	2.562	2.594	2.585	2.589	2.589	2.626	2.612	2.612	2.485

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	544.7	544.9	544.6	544.5	544.6	544.5	544.8	544.8	544.8	545.2
2.5	543.2	543.5	543.4	543.6	543.8	544.0	544.4	544.8	545.1	545.6
5.0	540.5	540.9	541.1	541.4	541.9	542.2	543.0	543.6	544.1	544.9
7.5	536.7	537.2	537.6	538.0	538.8	539.4	540.5	541.3	542.0	543.2
10.0	531.8	532.3	532.9	533.6	534.7	535.4	536.8	537.8	538.9	540.3
12.5	525.7	526.4	527.2	528.0	529.3	530.3	532.0	533.2	534.6	536.1
15.0	518.5	519.3	520.2	521.2	522.8	524.1	526.0	527.5	529.2	530.9
17.5	510.3	511.1	512.3	513.5	515.3	516.7	518.9	520.6	522.6	524.5
20.0	501.0	502.0	503.3	504.7	506.7	508.3	510.8	512.7	515.0	517.0
22.5	490.8	491.8	493.3	494.8	497.1	498.9	501.7	503.8	506.3	508.6
25.0	479.4	480.6	482.3	484.0	486.5	488.5	491.5	493.7	496.6	499.1
27.5	467.2	468.4	470.4	472.2	474.9	477.1	480.4	482.9	485.9	488.5
30.0	454.2	455.5	457.5	459.5	462.5	464.9	468.2	470.9	474.2	477.1
32.5	440.2	441.6	443.9	445.9	449.1	451.7	455.3	458.2	461.7	464.7
35.0	424.1	425.7	428.4	430.6	434.3	437.1	441.3	444.5	448.2	451.5
37.5	406.0	407.6	410.6	413.1	417.1	420.3	424.8	428.5	432.9	436.5
40.0	386.5	388.2	391.4	394.2	398.5	401.9	406.8	410.7	415.5	419.5
42.5	365.8	367.7	371.1	374.1	378.6	382.3	387.4	391.6	396.6	400.8
45.0	344.1	346.0	349.8	352.8	357.7	361.5	367.0	371.3	376.7	381.1
47.5	321.5	323.4	327.4	330.5	335.6	339.7	345.3	349.9	355.6	360.1
50.0	297.9	299.9	304.2	307.3	312.8	317.0	322.9	327.7	333.5	338.2
52.5	273.3	275.8	280.2	283.5	289.1	293.5	299.6	304.5	310.6	315.6
55.0	247.2	250.9	253.9	259.0	263.1	269.2	275.1	280.6	287.1	292.0
57.5	221.9	225.5	228.8	233.8	238.3	244.3	249.4	256.1	261.0	267.7
60.0	196.0	199.5	203.1	208.0	212.8	219.0	224.2	230.9	236.0	242.7
62.5	169.9	173.3	177.1	182.0	187.0	193.0	198.5	205.2	210.6	217.2
65.0	143.7	147.1	150.9	155.8	160.9	166.9	172.5	179.1	184.7	191.3
67.5	117.9	120.3	125.1	128.9	134.9	140.7	146.5	152.9	158.8	165.2
70.0	92.83	94.97	99.75	103.4	109.3	114.1	120.7	126.0	132.8	138.7
72.5	68.76	70.80	75.23	78.76	84.40	89.07	95.37	100.6	107.2	112.3
75.0	46.44	48.31	52.35	55.59	60.83	65.20	71.16	76.18	82.43	87.46
77.5	26.87	28.40	31.84	34.64	39.22	43.18	48.54	53.18	58.97	63.69
80.0	12.03	12.97	15.30	17.33	20.87	23.99	28.49	32.44	37.52	41.66
82.5	7.398	7.724	8.333	8.774	9.335	10.30	12.76	15.40	18.22	22.47
85.0	3.608	3.911	4.583	5.149	6.064	6.801	7.820	8.584	9.298	9.814
87.5	0.6686	0.8481	1.261	1.657	2.302	2.908	3.800	4.605	5.466	6.506
90.0	0.2535	0.2354	0.2400	0.2264	0.2263	0.2376	0.7487	1.240	1.904	2.532
92.5	0.2853	0.2398	0.2671	0.2263	0.2447	0.2263	0.2309	0.2218	0.2219	0.2293
95.0	0.3351	0.2897	0.3126	0.2837	0.2900	0.2351	0.2630	0.2218	0.2445	0.2218
97.5	0.3943	0.3439	0.3714	0.3122	0.3396	0.2852	0.3172	0.2579	0.2943	0.2441
100.0	0.4538	0.4026	0.4392	0.3712	0.3990	0.3662	0.3762	0.3122	0.3442	0.2852
102.5	0.5254	0.4840	0.5025	0.4390	0.4710	0.4159	0.4439	0.3801	0.4074	0.3484
105.0	0.6025	0.5567	0.5799	0.5158	0.5436	0.4887	0.5030	0.4435	0.4799	0.4208
107.5	0.6885	0.6337	0.6612	0.5970	0.6250	0.5654	0.5890	0.5204	0.5479	0.4934
110.0	0.7653	0.7150	0.7429	0.6786	0.7064	0.6383	0.6657	0.6019	0.6207	0.5612
112.5	0.8517	0.8099	0.8243	0.7604	0.7836	0.7242	0.7432	0.6835	0.7063	0.6471
115.0	0.9417	0.8913	0.9054	0.8600	0.8783	0.8146	0.8378	0.7829	0.7923	0.7329
117.5	1.032	0.9777	1.005	0.9414	0.9643	0.9098	0.9240	0.8642	0.8833	0.8237
120.0	1.119	1.077	1.096	1.037	1.050	0.9999	1.019	0.9551	0.9779	0.9320
122.5	1.218	1.168	1.186	1.127	1.145	1.091	1.105	1.050	1.059	1.005
125.0	1.313	1.267	1.286	1.222	1.236	1.181	1.195	1.141	1.150	1.104
127.5	1.399	1.366	1.367	1.308	1.318	1.272	1.290	1.231	1.254	1.199
130.0	1.485	1.439	1.444	1.385	1.404	1.358	1.372	1.321	1.340	1.308
132.5	1.566	1.512	1.526	1.462	1.476	1.421	1.440	1.398	1.408	1.362
135.0	1.630	1.580	1.589	1.534	1.549	1.498	1.508	1.471	1.485	1.440
137.5	1.689	1.657	1.661	1.607	1.621	1.575	1.594	1.552	1.571	1.516
140.0	1.748	1.715	1.721	1.666	1.684	1.647	1.666	1.616	1.639	1.602
142.5	1.825	1.796	1.802	1.751	1.761	1.729	1.730	1.693	1.702	1.666
145.0	1.893	1.865	1.874	1.824	1.834	1.802	1.802	1.761	1.775	1.738
147.5	1.951	1.933	1.937	1.888	1.897	1.860	1.865	1.829	1.847	1.810
150.0	2.006	1.983	1.992	1.942	1.956	1.919	1.938	1.897	1.911	1.874
152.5	2.051	2.023	2.037	1.996	2.010	1.978	1.987	1.955	1.969	1.942
155.0	2.101	2.087	2.087	2.055	2.074	2.037	2.047	2.014	2.028	2.010
157.5	2.173	2.159	2.173	2.136	2.146	2.118	2.133	2.096	2.105	2.087
160.0	2.223	2.214	2.223	2.191	2.209	2.182	2.187	2.159	2.177	2.150
162.5	2.291	2.276	2.291	2.254	2.273	2.250	2.255	2.227	2.245	2.222
165.0	2.341	2.322	2.340	2.309	2.323	2.304	2.314	2.290	2.304	2.281
167.5	2.386	2.368	2.381	2.367	2.363	2.349	2.363	2.340	2.359	2.327
170.0	2.426	2.413	2.422	2.404	2.413	2.399	2.417	2.390	2.399	2.377
172.5	2.458	2.454	2.463	2.444	2.454	2.440	2.449	2.431	2.445	2.422
175.0	2.476	2.463	2.476	2.458	2.476	2.458	2.476	2.453	2.463	2.454
177.5	2.485	2.485	2.490	2.476	2.490	2.476	2.494	2.472	2.481	2.463
180.0	2.485	2.494	2.503	2.490	2.490	2.490	2.494	2.485	2.490	2.485

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	545.3	545.5	545.8	546.1	546.2	546.5	546.7	546.9	547.1	547.3
2.5	546.1	546.4	546.9	547.3	547.6	548.0	548.4	548.7	549.0	549.2
5.0	545.6	546.2	546.8	547.4	548.0	548.5	549.0	549.3	549.7	550.0
7.5	544.0	544.8	545.7	546.5	547.2	547.9	548.4	548.9	549.3	549.6
10.0	541.3	542.3	543.4	544.4	545.3	546.1	546.8	547.2	547.9	548.2
12.5	537.5	538.7	540.1	541.2	542.2	543.1	543.9	544.6	545.2	545.5
15.0	532.6	533.9	535.6	536.7	538.2	539.1	540.1	540.7	541.5	541.8
17.5	526.4	528.0	530.0	531.3	532.8	533.9	535.0	535.7	536.5	536.8
20.0	519.2	521.0	523.2	524.6	526.4	527.6	528.9	529.6	530.5	530.8
22.5	511.0	513.0	515.3	517.1	518.8	520.2	521.6	522.4	523.4	523.6
25.0	501.8	503.9	506.4	508.3	510.3	511.7	513.3	514.1	515.2	515.5
27.5	491.5	493.8	496.5	498.4	500.6	502.2	503.9	504.7	505.9	506.2
30.0	480.3	482.7	485.6	487.8	490.1	491.7	493.5	494.3	495.6	495.8
32.5	468.1	470.7	473.9	476.0	478.6	480.2	482.1	483.1	484.4	484.6
35.0	455.1	457.9	461.1	463.5	466.0	467.8	469.8	470.9	472.2	472.4
37.5	440.6	443.8	447.4	449.9	452.7	454.5	456.6	457.7	459.1	459.2
40.0	423.9	427.4	431.4	434.4	437.7	439.8	442.3	443.5	445.1	445.3
42.5	405.7	409.4	413.8	416.9	420.5	422.9	425.6	427.0	428.9	429.3
45.0	386.1	390.0	394.7	398.1	401.9	404.4	407.3	408.8	410.8	411.1
47.5	365.5	369.6	374.5	377.9	382.0	384.6	387.6	389.1	391.2	391.5
50.0	343.9	348.1	353.2	356.8	361.0	363.7	366.8	368.4	370.5	370.9
52.5	321.3	325.7	330.9	334.6	338.9	341.7	345.0	346.6	348.7	349.1
55.0	298.0	302.4	307.9	311.6	316.1	318.9	322.2	323.9	326.1	326.5
57.5	273.4	278.4	284.1	287.7	292.4	295.2	298.7	300.3	302.7	302.9
60.0	247.4	253.6	257.7	263.2	266.9	270.7	273.9	275.9	278.6	278.6
62.5	222.2	228.2	232.7	238.0	241.3	245.7	247.8	251.0	251.9	253.7
65.0	196.5	202.5	207.1	212.3	215.8	220.1	222.4	225.4	226.5	228.2
67.5	170.5	176.4	181.1	186.3	190.0	194.2	196.7	199.5	200.8	202.3
70.0	144.5	150.2	155.1	160.0	164.0	167.9	170.6	173.2	174.7	175.9
72.5	118.6	123.4	129.1	133.4	137.8	141.7	144.4	147.0	148.4	149.5
75.0	93.48	98.12	103.7	107.5	112.2	115.0	118.5	120.2	122.4	122.6
77.5	69.38	73.77	79.10	82.80	87.25	89.99	93.35	94.87	97.02	97.16
80.0	46.83	50.88	55.75	59.13	63.31	65.83	69.03	70.43	72.42	72.57
82.5	26.70	30.10	34.33	37.21	40.99	43.26	46.13	47.38	49.23	49.34
85.0	11.54	13.56	16.46	18.66	21.61	23.43	25.81	26.87	28.45	28.52
87.5	7.525	8.242	8.995	9.419	9.814	10.09	10.96	11.43	12.31	12.32
90.0	3.384	4.079	4.965	5.600	6.372	6.814	7.392	7.609	7.958	7.947
92.5	0.4162	0.7990	1.315	1.735	2.284	2.624	3.110	3.295	3.635	3.635
95.0	0.2309	0.2263	0.2264	0.2353	0.2354	0.2415	0.2399	0.2937	0.4555	0.4279
97.5	0.2672	0.2263	0.2536	0.2309	0.2494	0.2354	0.2490	0.2445	0.2491	0.2445
100.0	0.3219	0.2760	0.2989	0.2490	0.2944	0.2444	0.2853	0.2445	0.2765	0.2445
102.5	0.3803	0.3347	0.3533	0.3076	0.3401	0.2940	0.3350	0.2893	0.3307	0.2850
105.0	0.4483	0.3847	0.4165	0.3709	0.4031	0.3621	0.3984	0.3576	0.3896	0.3527
107.5	0.5161	0.4569	0.4848	0.4388	0.4799	0.4254	0.4622	0.4249	0.4620	0.4204
110.0	0.5888	0.5339	0.5663	0.5155	0.5523	0.5022	0.5348	0.4933	0.5347	0.4978
112.5	0.6705	0.6196	0.6385	0.5972	0.6340	0.5788	0.6157	0.5745	0.6161	0.5703
115.0	0.7561	0.7106	0.7243	0.6786	0.7065	0.6608	0.7021	0.6602	0.6973	0.6517
117.5	0.8471	0.7919	0.8107	0.7693	0.7970	0.7514	0.7832	0.7509	0.7835	0.7462
120.0	0.9327	0.8869	0.9101	0.8599	0.8921	0.8462	0.8789	0.8374	0.8789	0.8461
122.5	1.028	0.9775	0.9961	0.9594	0.9829	0.9416	0.9736	0.9368	0.9783	0.9325
125.0	1.123	1.068	1.091	1.050	1.082	1.036	1.069	1.032	1.073	1.027
127.5	1.218	1.172	1.191	1.154	1.177	1.127	1.164	1.136	1.164	1.127
130.0	1.304	1.262	1.291	1.254	1.286	1.249	1.263	1.235	1.268	1.222
132.5	1.381	1.335	1.363	1.331	1.354	1.313	1.331	1.299	1.331	1.303
135.0	1.453	1.417	1.435	1.408	1.440	1.403	1.422	1.385	1.413	1.381
137.5	1.539	1.494	1.512	1.485	1.521	1.493	1.517	1.475	1.499	1.466
140.0	1.616	1.570	1.594	1.566	1.598	1.575	1.607	1.580	1.607	1.575
142.5	1.684	1.643	1.675	1.629	1.671	1.643	1.680	1.657	1.680	1.648
145.0	1.748	1.720	1.734	1.720	1.734	1.715	1.738	1.725	1.747	1.720
147.5	1.820	1.806	1.797	1.783	1.802	1.779	1.793	1.779	1.806	1.788
150.0	1.888	1.865	1.870	1.851	1.874	1.842	1.870	1.847	1.874	1.856
152.5	1.951	1.923	1.933	1.910	1.929	1.906	1.933	1.915	1.938	1.928
155.0	2.019	1.992	2.001	1.978	1.992	1.974	1.997	1.987	2.010	1.987
157.5	2.092	2.064	2.083	2.059	2.078	2.055	2.083	2.073	2.092	2.073
160.0	2.160	2.132	2.150	2.132	2.146	2.127	2.146	2.137	2.164	2.146
162.5	2.232	2.213	2.219	2.200	2.227	2.200	2.223	2.209	2.232	2.222
165.0	2.295	2.272	2.286	2.259	2.286	2.259	2.286	2.263	2.295	2.281
167.5	2.350	2.322	2.336	2.318	2.336	2.322	2.331	2.322	2.341	2.331
170.0	2.399	2.377	2.390	2.381	2.390	2.386	2.390	2.377	2.399	2.390
172.5	2.436	2.426	2.440	2.426	2.431	2.422	2.445	2.431	2.449	2.440
175.0	2.463	2.454	2.472	2.462	2.481	2.467	2.481	2.472	2.499	2.481
177.5	2.485	2.463	2.490	2.485	2.499	2.485	2.508	2.503	2.522	2.512
180.0	2.494	2.485	2.494	2.521	2.521	2.517	2.526	2.531	2.535	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	547.5	548.0	548.2	548.5	548.7	549.1	549.3	550.0	550.6	550.9
2.5	549.4	549.8	550.0	550.2	550.4	550.5	550.7	550.8	550.9	550.6
5.0	550.2	550.5	550.6	550.7	550.8	550.8	550.8	550.5	550.0	549.2
7.5	549.9	550.1	550.2	550.2	550.1	550.0	549.7	549.1	547.8	546.7
10.0	548.5	548.6	548.6	548.5	548.3	548.0	547.7	546.5	544.6	543.0
12.5	545.8	545.9	545.9	545.7	545.4	544.9	544.3	542.8	540.2	538.2
15.0	542.1	542.1	542.0	541.6	541.3	540.6	539.9	537.9	534.6	532.3
17.5	537.2	537.1	537.1	536.5	536.0	535.2	534.4	531.9	528.0	525.1
20.0	531.2	531.0	530.9	530.3	529.8	528.6	527.7	524.7	520.2	516.9
22.5	524.1	523.8	523.7	522.9	522.3	521.1	519.9	516.5	511.4	507.8
25.0	516.0	515.6	515.5	514.5	513.8	512.3	511.1	507.2	501.6	497.4
27.5	506.7	506.2	506.1	505.0	504.2	502.6	501.3	496.9	490.6	486.2
30.0	496.4	495.9	495.7	494.4	493.6	491.8	490.3	485.7	478.8	474.0
32.5	485.1	484.6	484.4	483.0	482.0	480.1	478.5	473.4	466.1	460.9
35.0	472.9	472.3	472.0	470.6	469.6	467.4	465.8	460.3	452.5	447.0
37.5	459.8	459.1	458.8	457.1	456.1	454.0	452.0	446.3	437.7	431.2
40.0	445.8	445.0	444.7	443.0	441.9	439.5	437.3	430.6	420.6	413.5
42.5	429.9	429.1	428.7	426.7	425.4	422.5	420.1	412.7	401.8	394.2
45.0	411.9	411.0	410.5	408.4	406.9	404.0	401.3	393.4	381.9	373.7
47.5	392.4	391.3	390.8	388.7	387.3	383.9	381.2	372.8	360.7	352.1
50.0	371.6	370.6	370.1	367.9	366.2	362.8	360.0	351.2	338.5	329.5
52.5	349.9	348.8	348.3	345.9	344.2	340.7	337.7	328.5	315.5	306.1
55.0	327.2	326.0	325.6	323.1	321.5	317.8	314.7	305.1	291.7	282.1
57.5	303.9	302.6	302.1	299.4	297.7	293.9	290.9	280.9	265.8	257.1
60.0	279.7	278.1	277.9	274.9	272.8	269.2	264.4	255.9	240.2	231.5
62.5	253.1	253.2	251.2	250.0	246.5	244.0	239.4	230.5	214.6	205.7
65.0	227.7	227.6	225.6	224.2	220.9	218.2	213.5	204.4	188.4	179.3
67.5	201.9	201.7	199.8	198.1	195.0	191.9	187.5	178.0	162.2	152.7
70.0	175.7	175.2	171.7	171.7	168.6	165.4	161.1	151.4	135.8	125.9
72.5	149.4	148.8	147.2	145.2	142.3	138.7	134.9	124.3	109.9	99.85
75.0	123.4	121.9	121.1	118.3	116.3	112.2	108.9	98.71	84.79	75.21
77.5	97.81	96.36	95.64	92.85	90.92	87.00	83.82	74.06	60.89	51.90
80.0	73.20	71.81	71.15	68.49	66.64	62.95	59.99	50.87	38.81	30.98
82.5	49.95	48.54	48.04	45.54	43.93	40.55	37.93	29.86	19.88	13.99
85.0	29.08	27.91	27.50	25.26	23.98	21.18	19.15	13.23	9.159	8.131
87.5	12.64	11.94	11.63	10.54	10.00	9.453	9.158	8.015	5.813	4.193
90.0	8.044	7.794	7.668	7.197	6.866	6.206	5.645	3.974	1.929	0.8540
92.5	3.752	3.507	3.400	2.973	2.687	2.144	1.755	0.6763	0.2535	0.2535
95.0	0.4889	0.3563	0.3020	0.2728	0.2579	0.2581	0.2535	0.2580	0.2671	0.2535
97.5	0.2535	0.2490	0.2582	0.2580	0.2669	0.2535	0.2716	0.2580	0.3125	0.2805
100.0	0.2762	0.2490	0.2815	0.2625	0.2947	0.2716	0.3127	0.2851	0.3669	0.3527
102.5	0.3352	0.2896	0.3399	0.3032	0.3531	0.3121	0.3713	0.3573	0.4259	0.4206
105.0	0.3942	0.3530	0.3989	0.3576	0.4121	0.3755	0.4305	0.4204	0.5025	0.4932
107.5	0.4664	0.4296	0.4711	0.4341	0.4889	0.4525	0.5075	0.4932	0.5843	0.5703
110.0	0.5343	0.5115	0.5524	0.5069	0.5660	0.5296	0.5844	0.5792	0.6663	0.6606
112.5	0.6117	0.5793	0.6298	0.5925	0.6476	0.6200	0.6791	0.6650	0.7561	0.7601
115.0	0.7062	0.6652	0.7201	0.6832	0.7334	0.7014	0.7653	0.7604	0.8511	0.8503
117.5	0.7883	0.7604	0.8106	0.7822	0.8289	0.8011	0.8605	0.8555	0.9465	0.9415
120.0	0.8831	0.8598	0.9054	0.8735	0.9239	0.9004	0.9510	0.9548	1.046	1.045
122.5	0.9779	0.9460	0.9965	0.9686	1.019	1.018	1.060	1.059	1.141	1.145
125.0	1.069	1.036	1.091	1.068	1.118	1.091	1.150	1.150	1.241	1.253
127.5	1.168	1.149	1.182	1.159	1.209	1.190	1.236	1.244	1.345	1.358
130.0	1.250	1.231	1.264	1.240	1.299	1.272	1.322	1.326	1.440	1.457
132.5	1.345	1.313	1.354	1.331	1.376	1.366	1.417	1.421	1.508	1.539
135.0	1.422	1.394	1.435	1.412	1.462	1.439	1.489	1.494	1.576	1.602
137.5	1.499	1.475	1.512	1.498	1.539	1.521	1.571	1.580	1.657	1.652
140.0	1.585	1.557	1.598	1.575	1.616	1.606	1.648	1.643	1.712	1.729
142.5	1.684	1.661	1.671	1.652	1.689	1.674	1.720	1.720	1.784	1.793
145.0	1.738	1.720	1.748	1.724	1.766	1.752	1.793	1.801	1.865	1.870
147.5	1.802	1.796	1.820	1.810	1.847	1.829	1.865	1.869	1.938	1.942
150.0	1.888	1.865	1.893	1.879	1.911	1.897	1.938	1.946	2.006	2.001
152.5	1.951	1.942	1.960	1.951	1.983	1.964	2.005	2.010	2.069	2.064
155.0	2.015	2.000	2.028	2.014	2.051	2.032	2.069	2.073	2.123	2.118
157.5	2.101	2.096	2.110	2.100	2.137	2.123	2.150	2.159	2.209	2.200
160.0	2.164	2.154	2.186	2.177	2.196	2.190	2.214	2.223	2.264	2.263
162.5	2.246	2.240	2.254	2.241	2.268	2.263	2.295	2.290	2.332	2.331
165.0	2.300	2.309	2.313	2.304	2.332	2.318	2.354	2.349	2.381	2.390
167.5	2.350	2.345	2.368	2.354	2.377	2.368	2.395	2.390	2.431	2.426
170.0	2.408	2.399	2.426	2.404	2.431	2.426	2.445	2.444	2.476	2.476
172.5	2.458	2.453	2.467	2.458	2.481	2.467	2.490	2.490	2.512	2.530
175.0	2.499	2.485	2.508	2.499	2.517	2.508	2.526	2.526	2.544	2.549
177.5	2.517	2.531	2.526	2.530	2.535	2.535	2.544	2.540	2.567	2.562
180.0	2.535	2.535	2.544	2.549	2.553	2.553	2.558	2.567	2.580	2.585

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:

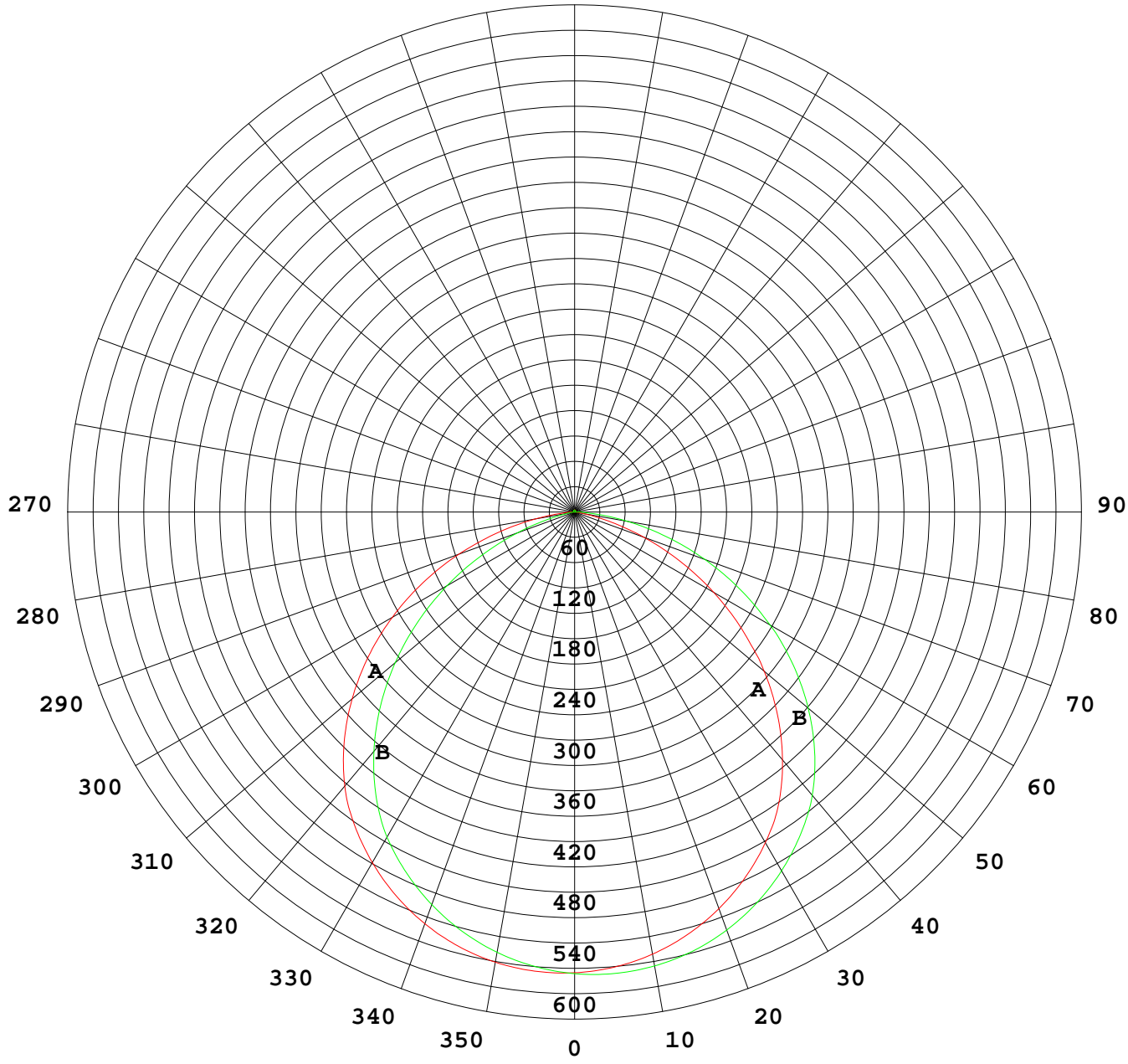
Photometric Data Table [cd]

G/C	350.0	355.0
0.0	551.0	550.8
2.5	550.4	549.6
5.0	548.6	547.4
7.5	545.7	544.0
10.0	541.5	539.6
12.5	536.3	533.9
15.0	530.0	527.0
17.5	522.6	519.1
20.0	514.0	510.2
22.5	504.5	500.1
25.0	493.9	489.1
27.5	482.3	477.2
30.0	469.9	464.3
32.5	456.5	450.6
35.0	442.3	435.6
37.5	425.5	418.1
40.0	407.4	399.2
42.5	387.6	379.0
45.0	366.7	357.7
47.5	345.0	335.5
50.0	322.4	312.3
52.5	298.6	288.3
55.0	273.9	263.8
57.5	247.7	238.5
60.0	222.2	212.6
62.5	196.3	186.2
65.0	169.9	159.9
67.5	143.8	132.9
70.0	117.7	106.7
72.5	92.15	81.69
75.0	67.87	57.92
77.5	45.17	36.36
80.0	25.22	18.14
82.5	10.58	8.790
85.0	7.019	5.317
87.5	3.014	1.646
90.0	0.2580	0.2490
92.5	0.2581	0.2490
95.0	0.2944	0.2759
97.5	0.3445	0.3210
100.0	0.4078	0.3937
102.5	0.4800	0.4704
105.0	0.5615	0.5656
107.5	0.6478	0.6427
110.0	0.7295	0.7283
112.5	0.8196	0.8232
115.0	0.9104	0.9187
117.5	1.014	1.009
120.0	1.114	1.109
122.5	1.214	1.213
125.0	1.309	1.317
127.5	1.418	1.421
130.0	1.526	1.529
132.5	1.612	1.620
135.0	1.680	1.697
137.5	1.725	1.765
140.0	1.775	1.806
142.5	1.843	1.856
145.0	1.915	1.919
147.5	1.983	1.978
150.0	2.037	2.037
152.5	2.096	2.091
155.0	2.155	2.168
157.5	2.232	2.227
160.0	2.291	2.291
162.5	2.359	2.358
165.0	2.409	2.404
167.5	2.449	2.449
170.0	2.495	2.485
172.5	2.531	2.521
175.0	2.567	2.558
177.5	2.571	2.562
180.0	2.585	2.589

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

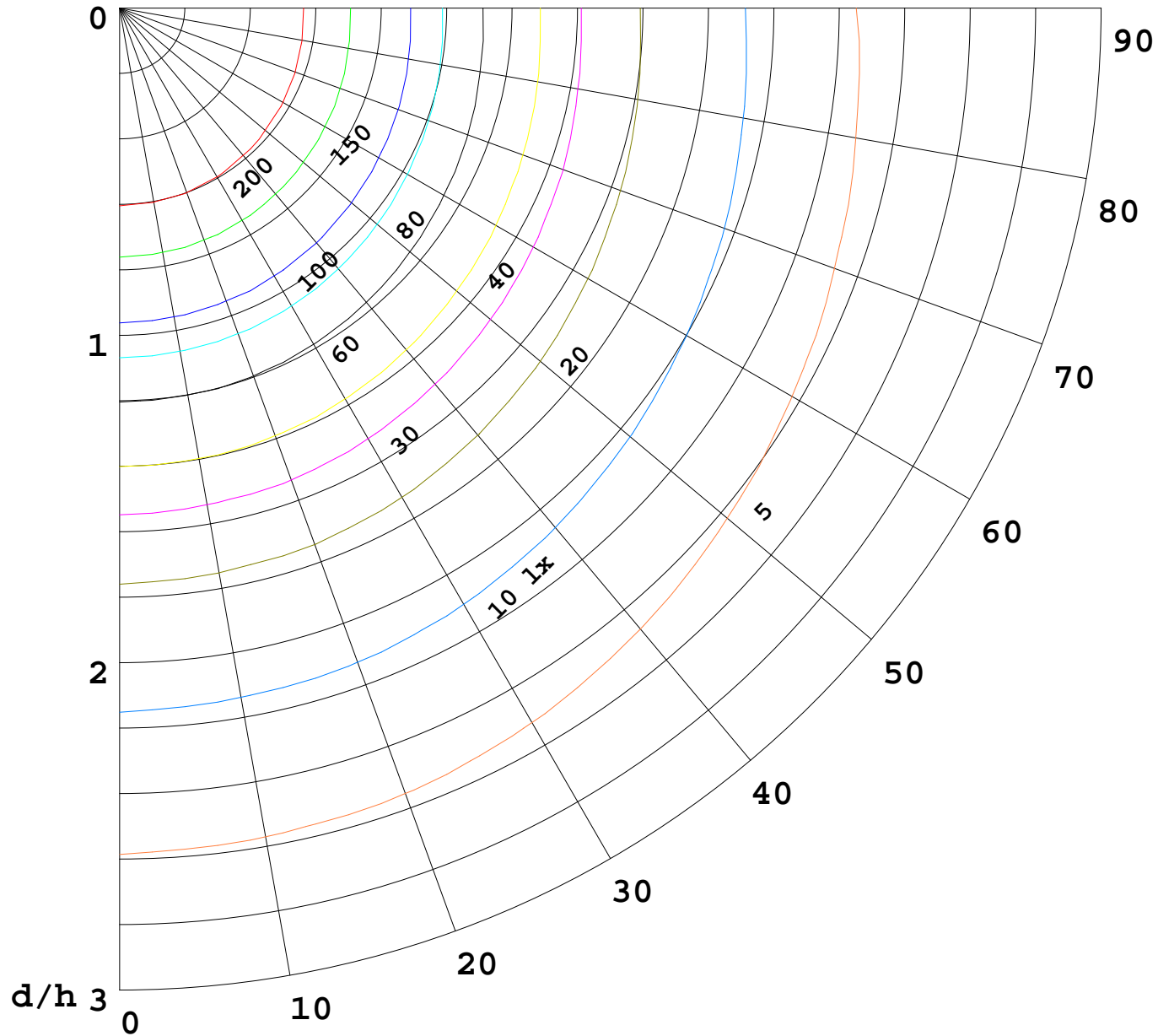
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.272
 Humidity: 70%
 Test Distance: 8.425m [K=1.0000]
 Remarks:

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

