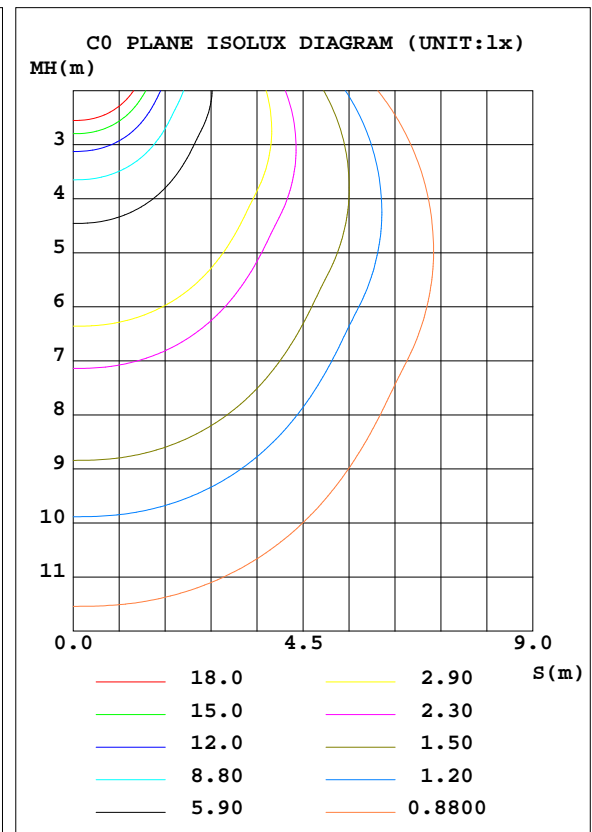
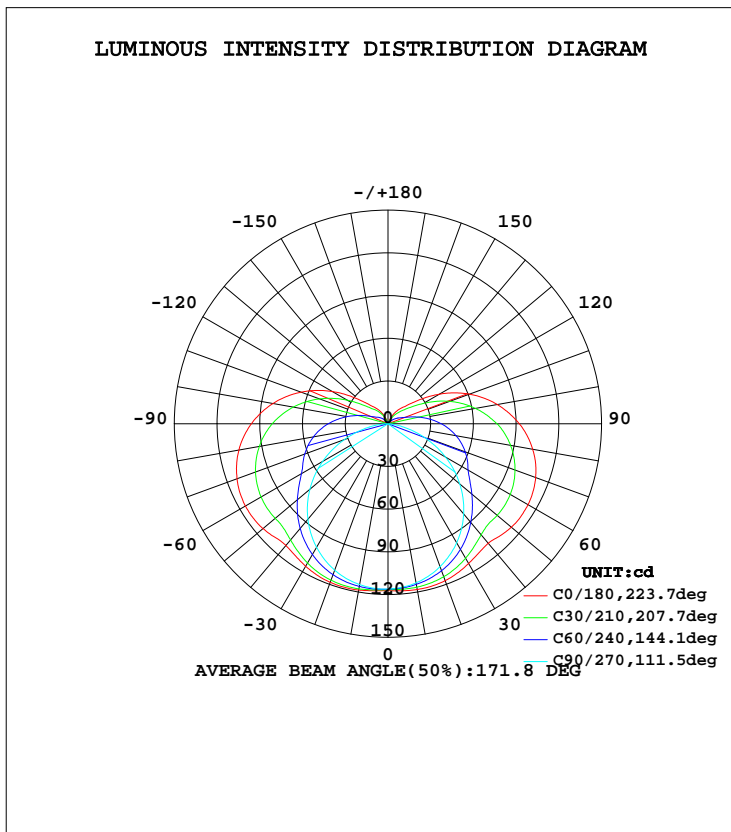


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.8V I:0.2653A P:31.69W PF:0.9891 Lamp Flux:680.456x1 lm		
NAME: NVV5252400L30D1SN	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:202000525A0002
MFR.: AFX	SUR.:0.01*0.64	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 21.47 lm/W			
MODEL	NVV5252400L30D1SN	I <sub>max</sub> (cd)	118.9	S/MH(C0/180)	1.45
NOMINAL POWER(W)	32	LOR(%)	100.0	S/MH(C90/270)	1.24
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	680.46	η UP, DN(C0-180)	10.6, 38.5
NOMINAL FLUX(lm)	680.456	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	11.1, 39.8
LAMPS INSIDE	1	η up(%)	21.7	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120.8	η down(%)	78.3	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:yechihong  
 Test Date:2020-05-25

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:

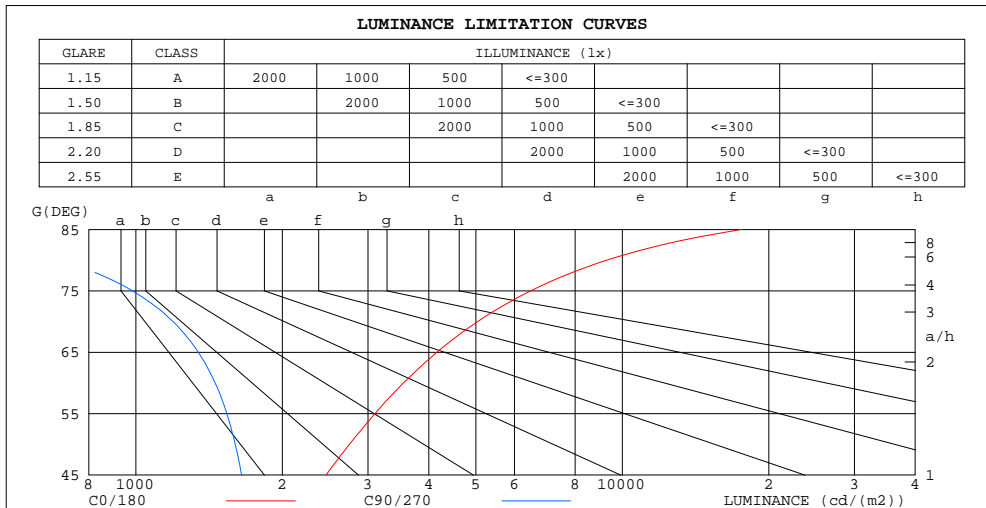
ZONAL FLUX DIAGRAM  
AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
5	117.8	116.1	115.3	116.4	117.8	116.8	115.9	116.7	0- 5	2.785	2.785	0.41,0.41
10	118.2	115.6	113.5	116.1	118.5	116.9	114.7	116.6	5- 10	8.326	11.11	1.63,1.63
15	118.1	114.3	110.7	115.2	118.9	116.3	112.6	115.7	10- 15	13.73	24.84	3.65,3.65
20	117.3	112.3	106.8	113.4	118.5	115.0	109.4	114.2	15- 20	18.84	43.67	6.42,6.42
25	115.6	109.4	102.1	110.9	117.5	112.9	105.3	111.7	20- 25	23.50	67.17	9.87,9.87
30	113.3	105.6	96.53	107.4	115.6	109.9	100.2	108.5	25- 30	27.57	94.74	13.9,13.9
35	110.9	101.2	90.04	103.3	113.3	105.9	94.34	104.3	30- 35	30.94	125.7	18.5,18.5
40	109.6	96.16	82.73	98.51	111.6	101.4	87.53	99.72	35- 40	33.60	159.3	23.4,23.4
45	111.3	91.24	74.67	93.60	112.6	96.51	79.95	94.82	40- 45	35.69	195.0	28.7,28.7
50	113.0	87.34	65.85	89.72	114.6	92.15	71.65	90.70	45- 50	37.49	232.5	34.2,34.2
55	113.8	85.69	56.47	88.11	115.5	89.61	62.63	88.86	50- 55	38.87	271.3	39.9,39.9
60	113.5	83.99	46.57	86.49	115.6	88.10	53.05	87.39	55- 60	39.71	311.0	45.7,45.7
65	112.4	81.58	36.35	84.14	114.7	85.82	42.98	85.27	60- 65	39.94	351.0	51.6,51.6
70	110.3	78.62	26.11	81.09	112.8	82.81	32.70	82.33	65- 70	39.55	390.5	57.4,57.4
75	107.3	74.83	16.30	77.34	110.0	79.17	22.53	78.70	70- 75	38.54	429.1	63.1,63.1
80	103.2	70.43	7.780	72.95	106.3	74.87	13.07	74.34	75- 80	36.94	466.0	68.5,68.5
85	98.19	65.39	1.914	67.91	101.6	69.73	5.266	69.30	80- 85	34.79	500.8	73.6,73.6
90	92.24	59.44	0.3260	62.20	95.95	64.02	0.7673	63.62	85- 90	32.14	532.9	78.3,78.3
95	85.41	52.98	0.3032	55.70	89.45	57.56	0.2173	57.20	90- 95	29.06	562.0	82.6,82.6
100	77.98	46.01	0.2897	48.69	82.09	50.57	0.2173	50.14	95- 100	25.65	587.6	86.4,86.4
105	69.80	38.42	0.2897	41.30	73.92	43.05	0.2263	42.60	100-105	22.04	609.7	89.6,89.6
110	60.91	30.66	0.3259	33.60	65.04	35.21	0.2672	34.73	105-110	18.37	628.1	92.3,92.3
115	51.44	23.25	0.3757	26.04	55.45	27.33	0.3124	26.77	110-115	14.76	642.8	94.5,94.5
120	41.66	17.00	0.4164	19.42	45.43	20.28	0.3535	19.55	115-120	11.36	654.2	96.1,96.1
125	31.98	12.04	0.4661	14.98	35.43	15.32	0.3984	14.06	120-125	8.364	662.5	97.4,97.4
130	23.59	9.909	0.5248	12.41	26.19	12.33	0.4572	10.58	125-130	5.930	668.5	98.2,98.2
135	17.59	7.643	0.5794	10.29	19.66	10.21	0.5072	8.290	130-135	4.171	672.6	98.9,98.9
140	14.37	5.453	0.6336	8.065	15.41	7.990	0.5570	6.029	135-140	2.965	675.6	99.3,99.3
145	11.22	3.503	0.6836	5.761	12.32	5.695	0.6111	4.027	140-145	2.070	677.7	99.6,99.6
150	7.948	1.815	0.7288	3.437	9.026	3.333	0.6564	2.232	145-150	1.319	679.0	99.8,99.8
155	4.550	0.8059	0.7740	1.304	5.657	1.223	0.6972	0.8562	150-155	0.7308	679.7	99.9,99.9
160	1.323	0.8375	0.8237	1.032	2.372	0.9506	0.7561	0.7604	155-160	0.3333	680.1	99.9,99.9
165	0.8602	0.8734	1.086	1.259	0.7786	1.095	1.032	0.8013	160-165	0.1651	680.2	100,100
170	0.8736	1.123	1.109	1.109	0.8014	1.119	1.069	1.100	165-170	0.1234	680.4	100,100
175	0.8918	1.132	1.132	1.136	0.8465	1.104	1.109	1.114	170-175	0.0779	680.4	100,100
180	0.8873	1.132	1.127	1.136	0.8873	1.127	1.132	1.136	175-180	0.0257	680.5	100,100

DEG LUMINOUS INTENSITY:cd MAX|(Ii - Iavg)/Iavg|(0-135) = 99.7 %

UNIT:lm



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	17604	343
80	9285	700
75	6476	984
70	5040	1193
65	4157	1344
60	3548	1455
55	3101	1538
50	2748	1601
45	2460	1650

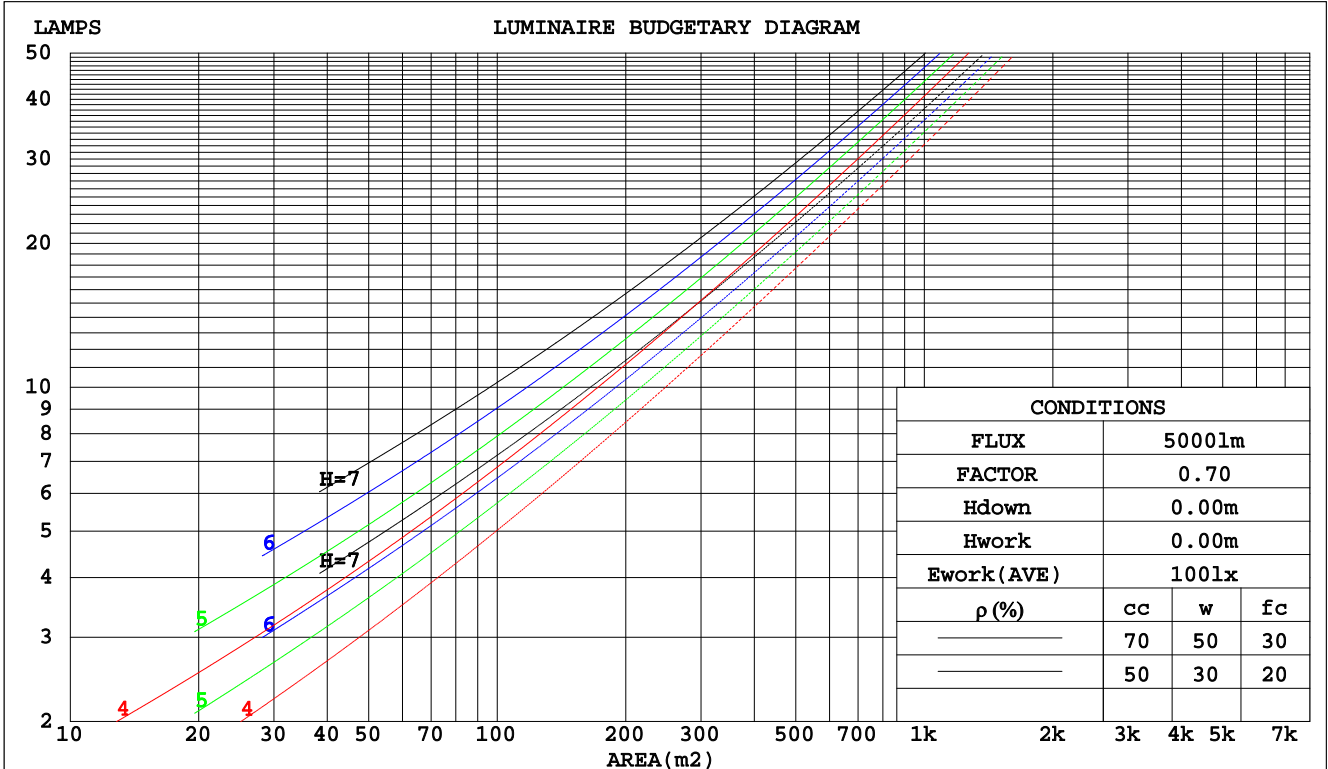
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25DEG  
Operators:yechihong  
Test Date:2020-05-25

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:0.2653A P:31.69W PF:0.9891 Lamp Flux:680.456x1 lm		
NAME: NVV5252400L30D1SN	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:202000525A0002
MFR.: AFX	SUR.:0.01*0.64	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization(CU)															
0.0	1.14	1.14	1.14	1.09	1.09	1.09	.99	.99	.99	.90	.90	.90	.82	.82	.82	.78
1.0	.93	.87	.82	.88	.83	.78	.80	.76	.72	.72	.69	.66	.65	.63	.60	.56
2.0	.79	.70	.63	.75	.67	.61	.68	.61	.56	.61	.56	.52	.55	.51	.47	.44
3.0	.68	.58	.51	.65	.56	.49	.58	.51	.45	.53	.47	.42	.47	.42	.38	.35
4.0	.59	.49	.42	.56	.47	.40	.51	.44	.38	.46	.40	.35	.41	.36	.32	.29
5.0	.52	.43	.35	.50	.41	.34	.45	.38	.32	.41	.35	.29	.37	.32	.27	.24
6.0	.47	.37	.30	.45	.36	.29	.41	.33	.27	.37	.30	.25	.33	.28	.23	.21
7.0	.42	.33	.26	.40	.32	.26	.37	.29	.24	.33	.27	.22	.30	.25	.21	.18
8.0	.38	.29	.23	.37	.28	.22	.33	.26	.21	.30	.24	.20	.28	.22	.18	.16
9.0	.35	.26	.21	.33	.25	.20	.31	.24	.19	.28	.22	.18	.26	.20	.16	.14
10.0	.32	.24	.18	.31	.23	.18	.28	.22	.17	.26	.20	.16	.24	.18	.15	.13



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:yechihong  
 Test Date:2020-05-25

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:0.2653A P:31.69W PF:0.9891 Lamp Flux:680.456x1 lm		
NAME: NVV5252400L30D1SN	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:202000525A0002
MFR.: AFX	SUR.:0.01*0.64	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	.420	.239	.076	.406	.232	.074	.380	.218	.070	.356	.206	.066	.334	.194	.062	
2.0	.354	.194	.060	.342	.188	.058	.318	.177	.055	.296	.166	.052	.276	.156	.049	
3.0	.310	.165	.049	.299	.160	.048	.277	.150	.046	.258	.141	.043	.239	.132	.041	
4.0	.277	.144	.042	.266	.139	.041	.247	.131	.039	.229	.123	.037	.212	.115	.035	
5.0	.250	.127	.037	.240	.123	.036	.223	.116	.034	.206	.109	.032	.191	.102	.031	
6.0	.228	.114	.033	.219	.111	.032	.203	.104	.030	.188	.098	.029	.174	.091	.027	
7.0	.209	.103	.029	.201	.100	.029	.186	.094	.027	.173	.088	.026	.159	.083	.024	
8.0	.193	.094	.027	.186	.092	.026	.172	.086	.025	.160	.081	.023	.148	.076	.022	
9.0	.180	.087	.024	.173	.084	.024	.160	.079	.022	.149	.074	.021	.137	.070	.020	
10.0	.168	.080	.022	.162	.078	.022	.150	.073	.021	.139	.069	.020	.129	.065	.019	

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	.356	.356	.356	.304	.304	.304	.207	.207	.207	.119	.119	.119	.038	.038	.038	
1.0	.354	.322	.292	.303	.276	.251	.207	.190	.174	.119	.110	.101	.038	.035	.033	
2.0	.348	.299	.258	.298	.258	.223	.204	.178	.156	.118	.104	.091	.038	.034	.030	
3.0	.341	.283	.237	.292	.244	.206	.201	.170	.144	.116	.099	.085	.037	.032	.028	
4.0	.333	.271	.224	.286	.234	.194	.196	.163	.137	.114	.096	.081	.037	.031	.027	
5.0	.325	.261	.214	.279	.226	.186	.192	.158	.132	.111	.093	.078	.036	.030	.026	
6.0	.317	.253	.208	.273	.219	.181	.188	.154	.128	.109	.090	.076	.035	.030	.025	
7.0	.310	.247	.203	.267	.214	.177	.184	.150	.125	.107	.088	.074	.035	.029	.025	
8.0	.303	.241	.199	.261	.209	.173	.181	.147	.123	.105	.087	.073	.034	.028	.024	
9.0	.297	.237	.196	.256	.205	.171	.177	.144	.121	.103	.085	.072	.033	.028	.024	
10.0	.291	.232	.194	.251	.202	.169	.174	.142	.120	.101	.084	.072	.033	.028	.024	

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:yechihong  
 Test Date:2020-05-25

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:0.2653A P:31.69W PF:0.9891 Lamp Flux:680.456x1 lm		
NAME: NVV5252400L30D1SN	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:202000525A0002
MFR.: AFX	SUR.:0.01*0.64	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	16.1	17.5	16.6	18.0	18.7	12.2	13.6	12.8	14.1	14.8
3H	19.3	20.6	19.9	21.2	21.9	13.5	14.8	14.1	15.4	16.1
4H	21.1	22.3	21.7	23.0	23.7	14.0	15.2	14.6	15.8	16.5
6H	23.1	24.2	23.7	24.8	25.6	14.2	15.4	14.8	16.0	16.7
8H	24.1	25.2	24.8	25.9	26.6	14.3	15.4	14.9	16.0	16.7
12H	25.3	26.4	26.0	27.1	27.8	14.2	15.3	14.9	15.9	16.7
4H 2H	16.6	17.8	17.2	18.5	19.2	14.0	15.2	14.6	15.9	16.6
3H	20.1	21.2	20.8	21.9	22.6	15.8	16.9	16.4	17.5	18.3
4H	22.1	23.1	22.8	23.8	24.6	16.6	17.5	17.2	18.2	19.0
6H	24.3	25.2	25.0	25.9	26.7	17.1	18.0	17.8	18.7	19.5
8H	25.5	26.3	26.2	27.1	27.9	17.2	18.1	18.0	18.8	19.6
12H	26.9	27.6	27.6	28.4	29.2	17.3	18.1	18.0	18.8	19.6
8H 4H	22.5	23.3	23.2	24.0	24.9	18.4	19.3	19.1	20.0	20.8
6H	25.0	25.7	25.7	26.4	27.3	19.6	20.3	20.3	21.0	21.9
8H	26.4	27.0	27.2	27.8	28.7	20.0	20.7	20.8	21.4	22.3
12H	28.0	28.6	28.8	29.4	30.3	20.3	20.9	21.1	21.7	22.6
12H 4H	22.5	23.3	23.2	24.0	24.8	19.1	19.8	19.8	20.6	21.4
6H	25.1	25.7	25.9	26.5	27.4	20.5	21.2	21.3	21.9	22.8
8H	26.6	27.2	27.4	28.0	28.9	21.2	21.8	22.0	22.6	23.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.1 / - 0.1				
2.0H	+ 0.3 / - 0.4					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 680.5 lm Total Lamp Luminous Flux. (8log(F/F0) = -1.3)

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:yechihong  
 Test Date:2020-05-25

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:0.2653A P:31.69W PF:0.9891 Lamp Flux:680.456x1 lm		
NAME: NVV5252400L30D1SN	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:202000525A0002
MFR.: AFX	SUR.:0.01*0.64	PROTECTION ANGLE:

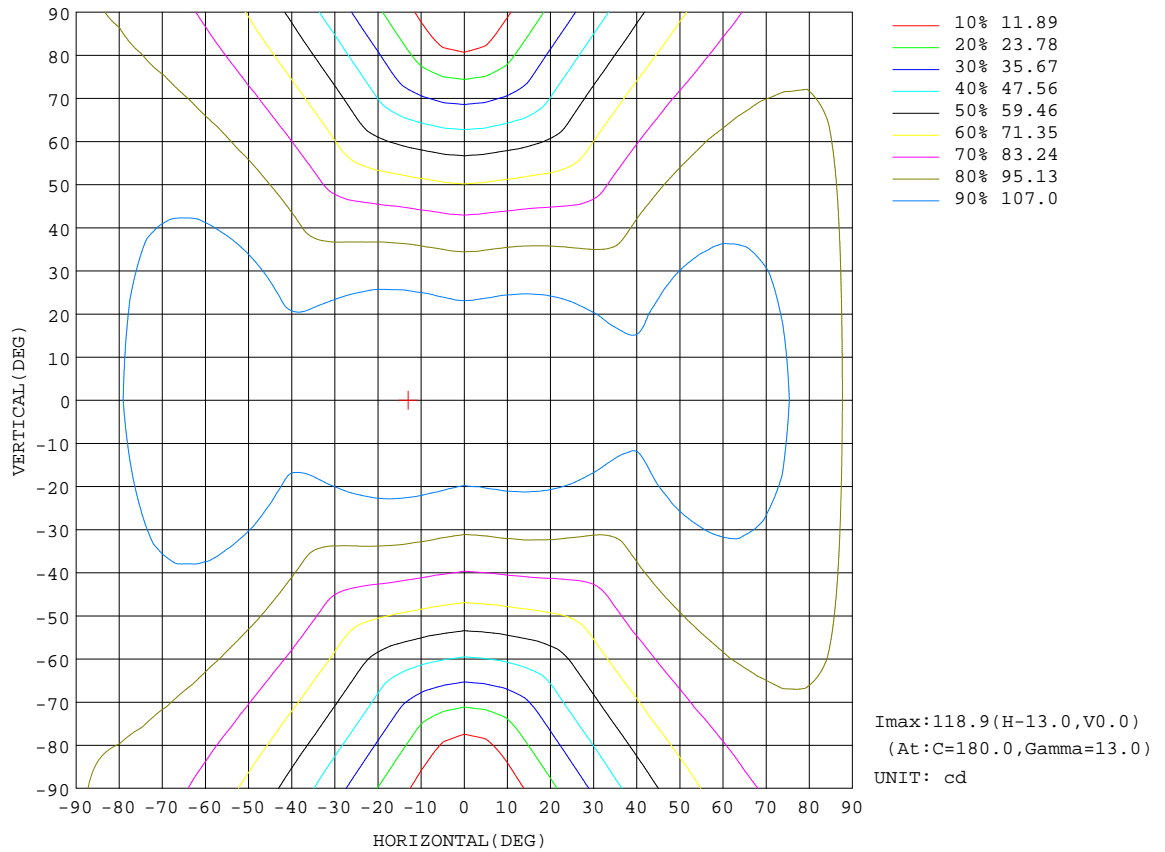
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	45	32	24	43	31	24	42	30	24	17
0.80	53	40	31	52	39	31	49	38	30	22
1.00	61	47	38	59	46	38	55	47	36	27
1.25	68	54	45	65	53	44	61	50	42	32
1.50	73	60	50	70	58	49	65	55	47	36
2.00	80	68	59	77	66	58	71	62	55	42
2.50	85	74	65	81	71	63	75	66	60	46
3.00	89	79	70	85	76	68	78	70	64	50
4.00	94	85	78	90	82	75	82	76	70	55
5.00	97	89	83	93	86	80	85	79	74	58
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:2020-05-25

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

ISOCANDELA DIAGRAM

Test:U:120.8V I:0.2653A P:31.69W PF:0.9891 Lamp Flux:680.456x1 lm		
NAME: NVV5252400L30D1SN	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:202000525A0002
MFR.: AFX	SUR.:0.01*0.64	PROTECTION ANGLE:

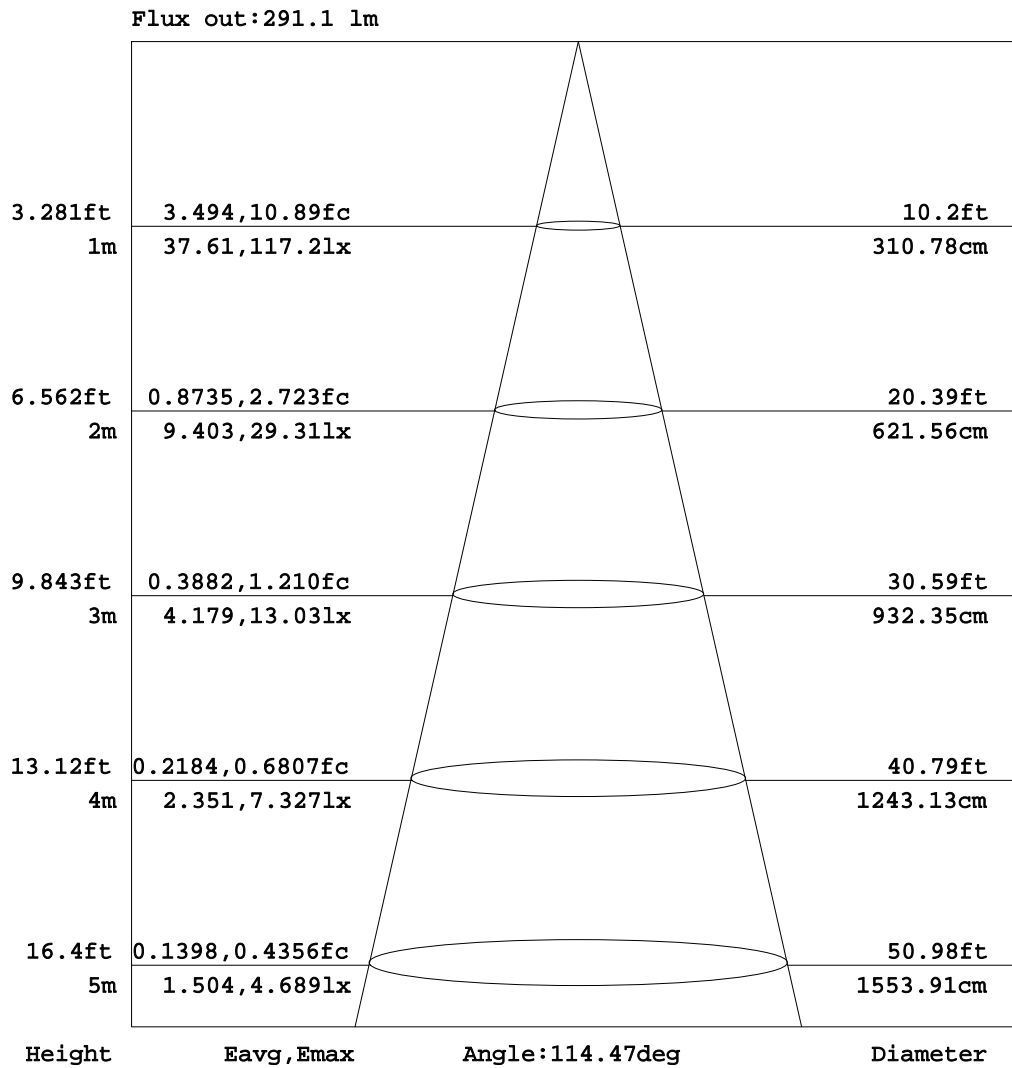


C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:yechihong  
 Test Date:2020-05-25

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:0.2653A P:31.69W PF:0.9891 Lamp Flux:680.456x1 lm		
NAME: NVV5252400L30D1SN	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:202000525A0002
MFR.: AFX	SUR.:0.01*0.64	PROTECTION ANGLE:



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

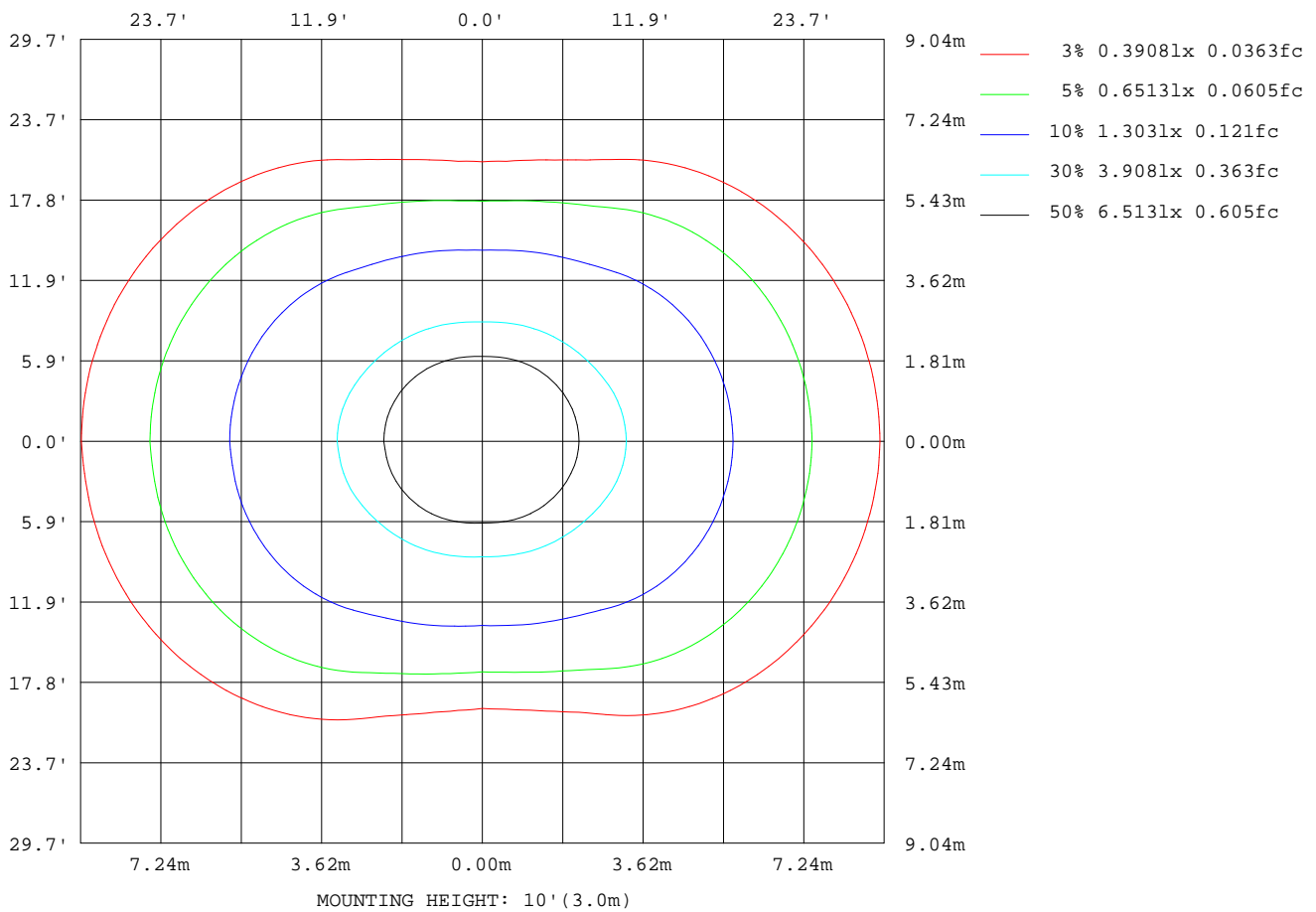
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:yechihong  
 Test Date:2020-05-25

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

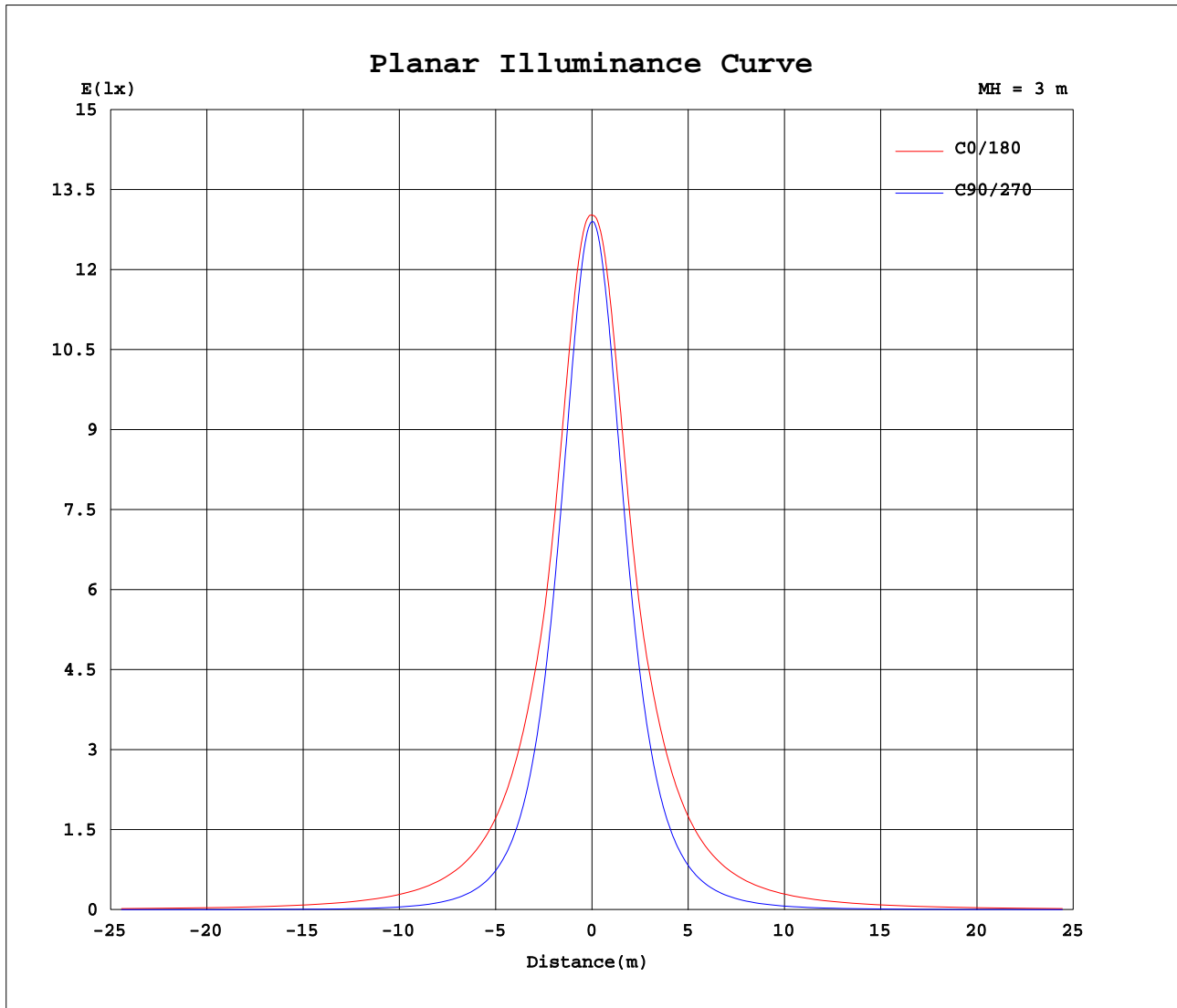
Test:U:120.8V I:0.2653A P:31.69W PF:0.9891 Lamp Flux:680.456x1 lm		
NAME: NVV5252400L30D1SN	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:202000525A0002
MFR.: AFX	SUR.:0.01*0.64	PROTECTION ANGLE:



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:yechihong  
 Test Date:2020-05-25

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: 2020-05-25

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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.8V I:0.2653A P:31.69W PF:0.9891 Lamp Flux:680.456x1 lm		
NAME: NVV5252400L30D1SN	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:202000525A0002
MFR.: AFX	SUR.:0.01*0.64	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	117	117	117	117	117	117	117	116	116	116	116	116	116	116	116	116	116	116	116
5	118	118	117	117	117	117	117	116	116	116	116	116	116	116	116	115	115	115	115
10	118	118	118	117	117	117	117	116	116	116	115	115	115	114	114	114	114	114	113
15	118	118	118	117	117	116	116	115	115	114	114	113	113	112	112	111	111	111	111
20	117	117	117	116	116	115	114	114	113	112	111	111	110	109	109	108	107	107	107
25	116	115	115	114	114	113	112	111	110	109	108	107	106	105	104	104	103	102	102
30	113	113	112	112	111	110	109	108	107	106	104	103	102	101	99.5	98.4	97.4	96.8	96.5
35	111	111	110	109	108	107	105	104	103	101	99.6	98.2	96.5	95.1	93.6	92.4	91.1	90.4	90.0
40	110	109	108	107	105	104	102	100.0	98.0	96.2	94.2	92.4	90.5	88.8	87.0	85.5	84.1	83.2	82.7
45	111	111	109	108	105	103	99.7	96.8	93.8	91.2	88.5	86.3	83.8	81.8	79.6	77.9	76.2	75.2	74.7
50	113	112	111	109	107	104	100	96.1	91.5	87.3	83.4	80.0	76.9	74.3	71.8	69.7	67.8	66.5	65.8
55	114	113	112	110	107	104	100	95.8	90.9	85.7	80.0	74.7	70.3	66.7	63.5	61.0	58.6	57.2	56.5
60	114	113	111	109	107	103	99.2	94.7	89.5	84.0	78.0	71.6	65.0	59.7	55.3	52.0	49.2	47.4	46.6
65	112	112	110	108	105	102	97.5	92.8	87.4	81.6	75.4	68.7	61.6	54.2	47.8	43.2	39.6	37.3	36.3
70	110	110	108	106	103	99.3	94.9	90.1	84.6	78.6	72.0	65.1	57.7	50.2	42.2	35.2	30.3	27.3	26.1
75	107	107	105	103	99.7	96.0	91.6	86.6	81.0	74.8	68.1	61.0	53.4	45.6	37.4	29.3	22.0	17.8	16.3
80	103	103	101	98.7	95.6	91.9	87.4	82.4	76.6	70.4	63.5	56.3	48.6	40.6	32.3	24.1	16.0	9.78	7.78
85	98.2	97.5	96.0	93.8	90.6	86.9	82.4	77.4	71.6	65.4	58.4	51.1	43.2	35.2	26.8	18.7	11.0	4.60	1.91
90	92.2	91.6	90.0	87.9	84.7	81.0	76.5	71.5	65.7	59.4	52.5	45.3	37.5	29.5	21.3	13.5	6.56	1.67	0.33
95	85.4	84.9	83.3	81.0	77.7	74.1	69.7	64.9	59.2	53.0	46.1	39.0	31.3	23.6	15.9	8.93	3.45	0.73	0.30
100	78.0	77.5	75.9	73.8	70.2	66.8	62.4	57.6	51.9	46.0	39.3	32.3	25.0	17.9	11.0	5.60	2.21	0.37	0.29
105	69.8	69.3	67.7	65.7	62.2	58.9	54.6	49.8	44.2	38.4	32.1	25.6	18.9	12.7	7.61	4.12	1.65	0.31	0.29
110	60.9	60.4	59.0	57.0	53.7	50.4	46.1	41.5	36.1	30.7	24.7	19.0	13.4	9.30	5.92	3.33	1.02	0.35	0.33
115	51.4	51.0	49.6	47.8	44.7	41.5	37.3	32.9	28.2	23.3	18.0	13.6	10.1	7.47	4.84	2.40	0.46	0.39	0.38
120	41.7	41.2	39.9	38.3	35.4	32.6	28.7	25.1	21.0	17.0	13.2	10.3	8.17	5.79	3.47	1.42	0.46	0.43	0.42
125	32.0	31.6	30.5	29.2	26.8	24.2	21.3	18.6	15.5	12.0	10.3	8.38	6.24	4.20	2.25	0.65	0.50	0.48	0.47
130	23.6	23.4	22.6	21.6	20.0	18.0	16.0	13.5	11.3	9.91	8.18	6.35	4.53	2.82	1.25	0.57	0.54	0.56	0.52
135	17.6	17.5	16.9	16.5	15.3	14.0	12.3	10.5	9.13	7.64	6.04	4.53	3.03	1.64	0.63	0.60	0.59	0.58	0.58
140	14.4	14.3	13.9	13.4	12.2	10.8	9.34	8.10	6.73	5.45	4.15	2.93	1.74	0.76	0.67	0.65	0.69	0.63	0.63
145	11.2	11.2	10.7	10.4	8.95	7.81	6.61	5.57	4.50	3.50	2.48	1.55	0.76	0.71	0.71	0.70	0.69	0.68	0.68
150	7.95	7.77	7.51	7.00	5.79	4.92	4.06	3.31	2.52	1.81	1.12	0.76	0.75	0.75	0.75	0.74	0.74	0.73	0.73
155	4.55	4.43	4.22	3.56	2.89	2.38	1.86	1.41	0.98	0.81	0.79	0.80	0.80	0.79	0.79	0.81	0.78	0.77	0.77
160	1.32	1.32	1.15	0.99	0.86	0.85	0.84	0.84	0.83	0.84	0.83	0.84	0.94	0.88	0.84	0.85	0.85	0.83	0.82
165	0.86	0.86	0.86	0.85	0.86	0.86	0.86	0.86	0.86	0.87	0.88	1.37	1.35	1.18	1.09	1.09	1.09	1.09	1.09
170	0.87	0.88	0.91	1.05	1.13	1.14	1.15	1.11	1.20	1.12	1.11	1.12	1.11	1.11	1.12	1.12	1.12	1.11	1.11
175	0.89	0.90	0.88	0.89	0.89	1.00	1.13	1.13	1.14	1.13	1.13	1.13	1.14	1.14	1.15	1.14	1.14	1.14	1.13
180	0.89	0.88	0.88	0.87	1.12	1.12	1.13	1.13	1.13	1.13	1.12	1.13	1.13	1.14	1.14	1.14	1.13	1.13	1.13

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:yechihong  
 Test Date:2020-05-25

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:0.2653A P:31.69W PF:0.9891 Lamp Flux:680.456x1 lm		
NAME: NVV5252400L30D1SN	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:202000525A0002
MFR.: AFX	SUR.:0.01*0.64	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	116	116	116	116	116	116	116	116	116	116	116	117	116	117	116	116	117	117	117
5	115	115	116	116	116	116	116	116	116	117	117	117	117	117	117	117	117	118	118
10	114	114	114	114	115	115	115	116	116	117	117	117	117	117	118	118	118	119	119
15	111	111	112	112	113	113	114	115	115	116	116	117	117	117	118	118	118	119	119
20	107	108	108	109	110	111	112	113	113	114	115	116	116	117	117	117	117	119	118
25	103	103	104	105	106	107	109	110	111	112	113	114	114	115	115	116	116	117	117
30	97.1	97.9	99.1	100	102	103	105	106	107	109	110	111	112	113	113	114	114	116	115
35	90.7	91.7	93.2	94.6	96.4	98.1	99.8	102	103	105	106	108	109	110	111	111	112	113	113
40	83.6	84.7	86.5	88.2	90.2	92.2	94.4	96.4	98.5	100	102	104	106	107	109	110	110	112	112
45	75.6	77.0	78.9	81.0	83.5	85.8	88.4	90.9	93.6	96.3	99.1	102	104	107	109	110	111	113	112
50	67.0	68.6	70.9	73.3	76.2	79.0	82.4	85.8	89.7	93.9	98.2	102	105	108	111	112	113	115	114
55	57.7	59.6	62.3	65.2	68.7	72.5	77.2	82.5	88.1	93.3	97.9	102	106	109	111	113	114	116	115
60	48.0	50.3	53.4	57.2	61.9	67.5	74.2	80.5	86.5	92.0	97.0	101	105	108	111	113	114	116	115
65	38.0	40.8	44.9	49.9	56.7	64.1	71.2	77.9	84.1	89.9	95.2	99.9	104	107	110	112	113	115	114
70	28.0	31.7	37.2	44.7	52.7	60.3	67.6	74.6	81.1	87.0	92.6	97.4	102	105	108	110	111	113	112
75	18.7	23.7	31.6	39.9	48.1	55.9	63.6	70.7	77.3	83.4	89.2	94.1	98.5	102	105	107	108	110	110
80	10.9	17.9	26.3	34.6	43.1	51.0	58.9	66.1	73.0	79.2	85.0	90.0	94.5	98.2	101	103	105	106	106
85	5.90	12.8	20.8	29.2	37.6	45.7	53.6	60.9	67.9	74.2	80.0	85.1	89.7	93.4	96.5	98.6	100	102	101
90	2.53	8.12	15.5	23.5	31.8	39.9	47.8	55.1	62.2	68.5	74.5	79.6	84.1	87.9	90.9	93.1	94.5	96.0	95.5
95	1.15	4.56	10.6	17.9	25.8	33.6	41.4	48.7	55.7	62.0	67.9	73.0	77.6	81.3	84.3	86.5	88.0	89.4	88.9
100	0.76	2.87	6.77	12.7	19.8	27.2	34.7	41.8	48.7	54.9	60.8	65.8	70.4	74.0	77.1	79.2	80.6	82.1	81.5
105	0.39	2.24	4.84	8.74	14.4	20.9	27.9	34.6	41.3	47.4	53.1	58.0	62.4	66.0	69.0	71.1	72.5	73.9	73.3
110	0.39	1.58	4.03	6.71	10.4	15.3	21.3	27.4	33.6	39.3	44.8	49.6	53.9	57.4	60.3	62.4	63.8	65.0	64.5
115	0.41	0.86	3.14	5.69	8.31	11.6	15.7	20.6	26.0	31.2	36.3	40.7	44.9	48.2	51.0	52.9	54.3	55.5	54.9
120	0.45	0.49	2.16	4.56	7.06	9.49	12.0	15.5	19.4	23.6	28.0	31.9	35.7	38.7	41.4	43.1	44.5	45.4	45.0
125	0.48	0.52	1.20	3.40	5.73	8.01	10.3	12.4	15.0	17.8	20.8	23.9	27.0	29.5	31.8	33.4	34.6	35.4	35.0
130	0.53	0.55	0.58	2.20	4.33	6.44	8.56	10.5	12.4	14.1	15.9	18.3	20.1	21.8	23.5	24.6	25.6	26.2	25.8
135	0.58	0.60	0.62	1.10	2.89	4.79	6.73	8.54	10.3	11.8	13.3	14.6	15.7	16.6	17.6	18.5	19.2	19.7	19.4
140	0.63	0.65	0.65	0.81	1.51	3.13	4.86	6.48	8.07	9.47	10.8	11.9	13.0	13.8	14.5	14.9	15.3	15.4	15.2
145	0.68	0.69	0.70	0.89	0.92	1.55	2.96	4.37	5.76	7.00	8.21	9.20	10.1	10.9	11.5	11.9	12.2	12.3	12.2
150	0.73	0.74	0.74	1.00	0.94	0.95	1.24	2.26	3.44	4.48	5.53	6.39	7.22	7.83	8.39	8.73	9.00	9.03	8.96
155	0.77	0.84	0.93	0.98	1.00	0.99	0.99	0.99	1.30	2.02	2.84	3.55	4.22	4.73	5.21	5.50	5.75	5.66	5.68
160	0.81	0.83	1.03	1.04	1.03	1.04	1.03	1.04	1.03	1.03	1.04	1.11	1.46	1.76	2.09	2.32	2.51	2.37	2.38
165	1.08	1.08	1.08	1.12	1.21	1.32	1.35	1.35	1.26	1.10	1.07	1.08	1.07	1.06	1.05	1.04	0.95	0.78	0.91
170	1.11	1.11	1.11	1.12	1.11	1.11	1.12	1.12	1.11	1.12	1.16	1.22	1.23	1.23	1.16	1.09	0.87	0.80	0.80
175	1.13	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.13	1.15	1.15	1.17	1.16	1.14	0.88	0.88	0.85	0.84
180	1.13	1.14	1.13	1.13	1.14	1.13	1.13	1.13	1.14	1.13	1.14	1.14	1.14	1.14	1.14	0.88	0.88	0.89	0.88

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:yechihong  
 Test Date:2020-05-25

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:0.2653A P:31.69W PF:0.9891 Lamp Flux:680.456x1 lm		
NAME: NVV5252400L30D1SN	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:202000525A0002
MFR.: AFX	SUR.:0.01*0.64	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	117	117	117	117	117	116	116	116	116	116	116	116	116	116	116	116	116	116	116
5	118	117	117	117	117	117	117	117	117	116	116	116	116	116	116	116	116	116	116
10	118	118	118	118	118	117	117	117	117	116	116	116	116	115	115	115	115	115	115
15	119	118	118	118	118	117	117	116	116	115	115	114	114	113	113	113	113	113	113
20	118	118	118	117	117	116	116	115	114	114	113	112	111	111	110	110	109	110	110
25	117	117	116	116	115	115	114	113	112	111	110	109	108	107	106	106	105	106	106
30	115	115	114	114	113	112	111	110	109	107	106	105	104	102	101	101	100	101	101
35	113	112	112	111	110	109	107	106	105	103	101	99.8	98.4	97.0	95.8	94.7	94.3	94.6	95.5
40	111	110	109	108	107	105	103	101	99.6	97.7	96.0	94.1	92.4	90.6	89.3	88.0	87.5	88.0	89.0
45	111	110	108	106	104	101	98.9	96.5	94.3	91.9	89.8	87.6	85.5	83.5	82.0	80.5	79.9	80.5	81.7
50	113	112	110	107	103	99.6	95.7	92.1	88.9	85.8	83.1	80.4	78.1	75.8	73.9	72.2	71.7	72.2	73.7
55	114	113	110	107	104	99.5	94.8	89.6	84.5	80.0	76.4	72.9	70.1	67.4	65.2	63.3	62.6	63.3	65.0
60	114	112	110	107	103	98.5	93.6	88.1	82.2	75.7	70.2	65.6	61.9	58.6	55.9	53.8	53.1	53.7	55.8
65	113	111	109	105	101	96.7	91.6	85.8	79.6	73.0	66.0	59.1	53.9	49.6	46.4	43.9	43.0	43.9	46.3
70	111	109	107	103	99.0	94.2	88.8	82.8	76.5	69.5	62.2	54.5	46.9	41.0	36.9	33.7	32.7	33.8	36.9
75	109	106	104	100.0	95.8	90.8	85.3	79.2	72.6	65.5	58.0	50.0	41.9	33.7	27.8	23.8	22.5	24.1	28.1
80	105	103	99.7	96.0	91.7	86.7	81.1	74.9	68.1	60.8	53.2	45.0	36.8	28.2	20.2	14.7	13.1	15.2	21.0
85	99.9	97.7	94.9	91.2	86.9	81.8	76.2	69.7	62.9	55.5	47.9	39.6	31.3	22.8	14.6	7.60	5.27	8.43	15.7
90	94.4	92.2	89.4	85.6	81.3	76.1	70.5	64.0	57.2	49.8	42.0	33.8	25.6	17.3	9.66	3.37	0.77	4.19	10.6
95	87.8	85.6	82.8	79.1	74.8	69.6	64.0	57.6	50.8	43.3	35.7	27.7	19.7	12.0	5.47	1.14	0.22	1.56	6.29
100	80.5	78.3	75.5	71.8	67.6	62.5	56.9	50.6	43.9	36.6	29.2	21.5	14.2	7.57	2.90	0.63	0.22	0.81	3.39
105	72.4	70.1	67.5	63.8	59.7	54.7	49.2	43.0	36.6	29.6	22.6	15.6	9.52	4.88	2.06	0.31	0.23	0.42	2.34
110	63.5	61.4	58.8	55.2	51.2	46.3	41.1	35.2	29.1	22.7	16.5	10.9	6.74	3.84	1.45	0.30	0.27	0.28	1.72
115	54.0	51.9	49.5	46.1	42.3	37.7	32.8	27.3	22.0	16.5	11.9	8.14	5.52	2.99	0.80	0.32	0.31	0.31	1.01
120	44.1	42.1	39.9	36.7	33.3	29.1	24.8	20.3	16.1	12.5	9.39	6.90	4.44	2.03	0.42	0.35	0.35	0.35	0.43
125	34.2	32.5	30.5	27.7	24.9	21.5	18.3	15.3	12.4	10.2	7.92	5.59	3.31	1.12	0.45	0.39	0.40	0.40	0.44
130	25.2	23.9	22.4	20.4	18.5	16.3	14.1	12.3	10.5	8.45	6.35	4.21	2.13	0.52	0.48	0.47	0.46	0.46	0.48
135	18.9	17.8	16.7	15.7	14.6	13.3	11.8	10.2	8.51	6.63	4.74	2.79	1.03	0.55	0.53	0.51	0.51	0.52	0.52
140	15.0	14.4	13.8	12.9	12.0	10.8	9.47	7.99	6.44	4.76	3.07	1.42	0.72	0.59	0.63	0.57	0.56	0.68	0.57
145	11.9	11.4	10.9	10.1	9.23	8.15	7.01	5.70	4.32	2.85	1.46	0.80	0.83	0.64	0.67	0.61	0.61	0.62	0.65
150	8.76	8.32	7.84	7.13	6.40	5.46	4.47	3.33	2.21	1.13	0.83	0.85	0.86	0.78	0.76	0.65	0.66	0.66	0.82
155	5.53	5.15	4.76	4.15	3.54	2.77	2.00	1.22	0.89	0.90	0.90	0.91	0.98	0.73	0.71	0.70	0.70	0.70	0.71
160	2.34	2.04	1.77	1.38	1.07	0.95	0.96	0.95	0.95	0.96	0.96	0.97	0.97	0.96	0.77	0.76	0.76	0.76	0.77
165	0.98	0.98	0.99	1.00	0.99	1.00	1.03	1.09	1.16	1.27	1.24	1.18	1.03	1.02	1.02	1.03	1.03	1.02	1.02
170	0.81	1.14	1.08	1.05	1.05	1.06	1.08	1.12	1.13	1.10	1.06	1.06	1.06	1.07	1.07	1.07	1.07	1.07	1.07
175	0.90	1.11	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.11	1.10	1.11	1.11	1.11	1.11
180	0.88	0.88	1.12	1.13	1.12	1.13	1.13	1.13	1.13	1.13	1.12	1.14	1.13	1.14	1.13	1.13	1.13	1.13	1.13

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:yechihong  
 Test Date:2020-05-25

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:0.2653A P:31.69W PF:0.9891 Lamp Flux:680.456x1 lm		
NAME: NVV5252400L30D1SN	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:202000525A0002
MFR.: AFX	SUR.:0.01*0.64	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	116	116	116	116	116	116	116	116	116	117	116	117	116	117	117				
5	116	116	116	116	116	117	117	117	117	117	117	117	117	117	117				
10	115	115	115	116	116	116	117	117	117	117	117	117	118	118	118				
15	113	114	114	114	115	115	116	116	117	117	117	117	117	118	118				
20	110	111	112	112	113	114	114	115	115	116	116	116	117	117	117				
25	107	108	108	109	110	111	112	113	113	114	114	115	115	115	115				
30	102	103	104	105	106	107	108	109	110	111	112	112	113	113	113				
35	96.6	97.9	99.1	101	102	103	104	106	107	108	109	109	110	110	111				
40	90.3	91.7	93.3	94.9	96.4	98.1	99.7	101	103	104	106	107	108	109	109				
45	83.1	84.9	86.7	88.7	90.6	92.7	94.8	97.1	99.4	102	104	107	108	110	111				
50	75.3	77.4	79.5	81.9	84.5	87.5	90.7	94.4	98.5	102	105	108	110	112	112				
55	66.9	69.4	72.0	75.3	79.0	83.6	88.9	93.9	98.5	102	106	109	111	112	113				
60	58.1	61.3	64.9	69.6	75.5	81.7	87.4	92.7	97.4	102	105	108	111	112	113				
65	49.4	53.6	58.9	65.9	72.8	79.2	85.3	90.7	95.7	100	104	107	109	111	112				
70	41.0	47.2	54.8	62.3	69.4	76.1	82.3	88.1	93.1	97.7	102	105	107	109	110				
75	34.3	42.5	50.4	58.1	65.5	72.4	78.7	84.6	89.7	94.5	98.3	102	104	106	107				
80	29.1	37.4	45.5	53.4	60.8	67.9	74.3	80.3	85.6	90.3	94.3	97.7	100.0	102	103				
85	23.7	32.0	40.2	48.1	55.6	62.8	69.3	75.3	80.7	85.5	89.4	92.8	95.2	97.0	98.0				
90	18.2	26.3	34.4	42.4	49.9	57.1	63.6	69.7	75.0	79.8	83.7	87.1	89.5	91.5	92.2				
95	12.9	20.6	28.3	36.2	43.6	50.7	57.2	63.1	68.5	73.3	77.1	80.4	82.8	84.7	85.5				
100	8.35	15.0	22.2	29.7	36.8	43.8	50.1	56.0	61.2	66.0	69.8	73.1	75.4	77.3	78.1				
105	5.39	10.2	16.3	23.1	29.8	36.5	42.6	48.4	53.4	58.0	61.8	65.0	67.3	69.1	69.8				
110	4.16	7.32	11.5	17.0	23.0	29.1	34.7	40.1	45.0	49.4	53.2	56.4	58.6	60.3	61.0				
115	3.22	5.78	8.42	12.0	16.4	21.7	26.8	31.7	36.1	40.4	44.0	47.2	49.2	50.8	51.6				
120	2.15	4.33	6.67	9.11	12.0	15.3	19.5	23.8	27.7	31.3	34.7	37.7	39.6	41.1	41.7				
125	1.22	3.01	4.99	7.10	9.12	11.1	14.1	17.3	20.2	23.2	25.9	28.5	30.2	31.6	32.1				
130	0.55	1.90	3.54	5.30	7.11	8.95	10.6	12.5	14.7	17.4	19.0	20.9	22.2	23.2	23.6				
135	0.55	0.97	2.26	3.73	5.21	6.76	8.29	9.61	11.4	13.2	14.6	15.6	16.5	17.3	17.6				
140	0.59	0.59	1.19	2.34	3.54	4.81	6.03	7.35	8.47	9.89	11.4	12.6	13.4	14.0	14.2				
145	0.62	0.63	0.64	1.16	2.06	3.06	4.03	5.05	6.03	7.11	8.21	9.33	10.3	11.0	11.1				
150	0.68	0.67	0.67	0.67	0.87	1.54	2.23	3.00	3.71	4.50	5.24	6.17	6.77	7.67	7.96				
155	0.72	0.72	0.72	0.72	0.72	0.72	0.86	1.30	1.74	2.25	2.69	3.23	3.76	4.13	4.49				
160	0.77	0.77	0.77	0.77	0.77	0.76	0.76	0.76	0.77	0.78	0.83	1.00	1.12	1.29	1.35				
165	1.03	1.10	1.26	1.27	1.24	0.87	0.80	0.81	0.81	0.80	0.80	0.79	0.79	0.78	0.77				
170	1.08	1.08	1.08	1.08	1.09	1.10	1.10	1.09	0.84	0.84	0.85	0.85	0.95	1.00	1.00				
175	1.11	1.11	1.12	1.12	1.12	1.12	1.11	1.12	1.12	1.12	0.94	0.88	0.88	0.87	0.85				
180	1.13	1.13	1.13	1.13	1.14	1.13	1.14	1.13	1.13	1.14	1.14	1.14	1.14	0.89	0.88				

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:yechihong  
 Test Date:2020-05-25

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	117.2	117.1	117.0	116.8	116.7	116.6	116.5	116.5	116.4	116.4
2.5	117.4	117.3	117.1	117.0	116.9	116.8	116.6	116.5	116.3	116.3
5.0	117.8	117.6	117.4	117.2	117.0	116.8	116.6	116.5	116.3	116.1
7.5	118.0	117.9	117.6	117.3	117.1	117.0	116.7	116.4	116.2	115.9
10.0	118.2	118.0	117.8	117.5	117.1	116.9	116.5	116.2	115.9	115.6
12.5	118.2	118.0	117.7	117.4	117.0	116.7	116.3	115.8	115.5	115.1
15.0	118.1	117.9	117.6	117.1	116.8	116.4	115.8	115.4	114.8	114.3
17.5	117.8	117.6	117.1	116.7	116.3	115.8	115.2	114.7	113.9	113.5
20.0	117.3	117.0	116.6	116.1	115.6	115.0	114.3	113.8	113.0	112.3
22.5	116.6	116.3	115.8	115.4	114.7	114.1	113.3	112.7	111.8	111.0
25.0	115.6	115.3	114.8	114.3	113.6	112.9	112.1	111.3	110.4	109.4
27.5	114.5	114.3	113.7	113.1	112.4	111.5	110.6	109.8	108.7	107.6
30.0	113.3	113.0	112.5	111.7	110.9	110.0	109.0	108.0	106.8	105.6
32.5	112.1	111.6	111.1	110.3	109.3	108.4	107.3	106.1	104.7	103.5
35.0	110.9	110.5	109.8	108.9	107.9	106.7	105.4	104.1	102.6	101.2
37.5	110.0	109.5	108.7	107.7	106.5	105.1	103.5	102.1	100.4	98.72
40.0	109.6	109.0	108.1	106.9	105.3	103.7	101.9	99.95	98.03	96.16
42.5	110.1	109.5	108.4	106.8	104.9	102.7	100.5	98.20	95.77	93.62
45.0	111.3	110.7	109.5	107.6	105.4	102.6	99.69	96.79	93.84	91.24
47.5	112.3	111.6	110.4	108.6	106.2	103.2	99.79	96.01	92.29	89.00
50.0	113.0	112.4	111.0	109.2	106.7	103.7	100.1	96.07	91.51	87.34
52.5	113.6	112.9	111.5	109.5	107.0	103.9	100.2	96.01	91.32	86.27
55.0	113.8	113.1	111.7	109.7	107.0	103.9	100.1	95.80	90.91	85.69
57.5	113.7	113.1	111.7	109.7	106.9	103.6	99.67	95.29	90.33	84.92
60.0	113.5	112.9	111.4	109.3	106.5	103.2	99.15	94.66	89.53	83.99
62.5	113.1	112.5	110.9	108.8	106.0	102.5	98.45	93.80	88.57	82.98
65.0	112.4	111.8	110.3	108.1	105.1	101.7	97.47	92.77	87.39	81.58
67.5	111.5	110.8	109.3	107.1	104.1	100.6	96.31	91.51	86.07	80.14
70.0	110.3	109.7	108.1	105.8	102.9	99.29	94.90	90.09	84.55	78.62
72.5	109.0	108.2	106.6	104.4	101.4	97.75	93.38	88.47	82.86	76.80
75.0	107.3	106.6	105.0	102.8	99.72	96.04	91.59	86.65	81.00	74.83
77.5	105.4	104.7	103.1	100.9	97.78	94.10	89.61	84.64	78.85	72.80
80.0	103.2	102.5	101.0	98.69	95.59	91.94	87.40	82.40	76.56	70.43
82.5	100.8	100.2	98.60	96.38	93.24	89.55	85.03	79.99	74.17	67.95
85.0	98.19	97.55	95.98	93.76	90.59	86.90	82.40	77.42	71.56	65.39
87.5	95.34	94.64	93.12	90.88	87.76	84.08	79.64	74.58	68.70	62.53
90.0	92.24	91.63	90.01	87.89	84.66	81.00	76.52	71.52	65.70	59.44
92.5	88.87	88.36	86.70	84.56	81.21	77.61	73.12	68.31	62.48	56.25
95.0	85.41	84.87	83.28	81.04	77.66	74.10	69.70	64.87	59.20	52.98
97.5	81.77	81.24	79.64	77.58	74.05	70.49	66.09	61.34	55.64	49.58
100.0	77.98	77.46	75.88	73.78	70.19	66.77	62.40	57.60	51.92	46.01
102.5	74.00	73.50	71.90	69.83	66.25	62.87	58.56	53.71	48.11	42.26
105.0	69.80	69.25	67.73	65.71	62.24	58.89	54.56	49.80	44.17	38.42
107.5	65.44	64.92	63.45	61.44	58.04	54.72	50.38	45.61	40.22	34.55
110.0	60.91	60.42	58.97	57.04	53.69	50.41	46.12	41.47	36.10	30.66
112.5	56.24	55.80	54.35	52.45	49.20	45.97	41.77	37.20	32.06	26.89
115.0	51.44	51.05	49.62	47.80	44.67	41.47	37.33	32.92	28.18	23.25
117.5	46.57	46.15	44.78	43.05	40.04	37.03	32.92	28.87	24.46	19.87
120.0	41.66	41.23	39.93	38.29	35.44	32.62	28.65	25.06	21.04	17.00
122.5	36.76	36.38	35.11	33.61	30.98	28.29	24.73	21.54	17.94	14.55
125.0	31.98	31.64	30.54	29.17	26.78	24.21	21.26	18.59	15.49	12.04
127.5	27.54	27.28	26.26	25.05	23.05	20.73	18.38	16.21	12.82	10.97
130.0	23.59	23.40	22.58	21.63	20.02	18.04	15.96	13.52	11.34	9.909
132.5	20.51	20.40	19.80	19.02	17.23	15.44	14.03	11.87	10.20	8.849
135.0	17.59	17.46	16.95	16.47	15.25	14.04	12.32	10.55	9.133	7.643
137.5	15.90	15.82	15.37	14.93	13.70	12.49	10.66	9.275	7.952	6.509
140.0	14.37	14.30	13.95	13.44	12.16	10.83	9.337	8.095	6.725	5.453
142.5	12.80	12.75	12.31	11.93	10.58	9.234	8.046	6.809	5.587	4.444
145.0	11.22	11.16	10.74	10.38	8.951	7.806	6.614	5.566	4.495	3.503
147.5	9.584	9.509	9.139	8.785	7.364	6.338	5.298	4.401	3.471	2.618
150.0	7.948	7.766	7.508	7.001	5.791	4.920	4.055	3.309	2.521	1.815
152.5	6.276	6.106	5.868	5.218	4.285	3.584	2.898	2.298	1.672	1.122
155.0	4.550	4.427	4.216	3.556	2.885	2.385	1.861	1.409	0.9754	0.8059
157.5	2.797	2.791	2.559	2.086	1.667	1.348	1.022	0.8417	0.8239	0.8104
160.0	1.323	1.319	1.149	0.9861	0.8616	0.8465	0.8420	0.8375	0.8329	0.8375
162.5	0.8601	0.8510	0.8510	0.8421	0.8466	0.8512	0.8465	0.8556	0.8510	0.8513
165.0	0.8602	0.8601	0.8556	0.8510	0.8554	0.8557	0.8645	0.8601	0.8647	0.8734
167.5	0.8691	0.8647	0.8692	0.9019	1.004	1.012	0.9947	0.8977	0.8736	1.069
170.0	0.8736	0.8783	0.9054	1.054	1.132	1.141	1.145	1.114	1.199	1.123
172.5	0.8828	0.8872	0.8828	0.8963	0.9156	0.9541	0.9646	1.168	1.137	1.127
175.0	0.8918	0.8963	0.8828	0.8874	0.8873	0.9963	1.132	1.132	1.136	1.132
177.5	0.8873	0.8873	0.8873	0.8873	1.120	1.127	1.123	1.136	1.127	1.132
180.0	0.8873	0.8782	0.8782	0.8737	1.118	1.123	1.127	1.127	1.127	1.132

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators: yechihong  
 Test Date: 2020-05-25

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	116.3	116.3	116.2	116.2	116.2	116.2	116.1	116.1	116.1	116.2
2.5	116.2	116.1	116.0	116.0	115.9	115.9	115.9	115.8	115.8	115.9
5.0	116.0	115.8	115.7	115.6	115.5	115.4	115.3	115.3	115.3	115.4
7.5	115.7	115.5	115.3	115.1	114.9	114.8	114.6	114.5	114.5	114.6
10.0	115.2	114.9	114.5	114.3	114.1	113.8	113.6	113.5	113.5	113.6
12.5	114.6	114.1	113.7	113.3	113.0	112.7	112.4	112.3	112.2	112.4
15.0	113.7	113.2	112.6	112.1	111.7	111.3	111.0	110.7	110.7	110.9
17.5	112.7	112.0	111.3	110.8	110.2	109.7	109.2	109.0	108.9	109.1
20.0	111.4	110.7	109.9	109.2	108.5	107.9	107.3	107.1	106.8	107.2
22.5	110.0	109.1	108.2	107.4	106.5	105.8	105.1	104.8	104.6	105.0
25.0	108.3	107.4	106.3	105.4	104.3	103.6	102.8	102.4	102.1	102.6
27.5	106.5	105.4	104.2	103.1	101.9	101.1	100.2	99.70	99.42	99.95
30.0	104.3	103.2	101.8	100.6	99.46	98.37	97.42	96.80	96.53	97.10
32.5	102.1	100.7	99.28	97.94	96.60	95.45	94.38	93.71	93.37	94.01
35.0	99.62	98.19	96.53	95.14	93.56	92.41	91.11	90.37	90.04	90.72
37.5	96.96	95.35	93.59	92.05	90.36	89.02	87.68	86.89	86.48	87.21
40.0	94.19	92.41	90.46	88.75	86.98	85.50	84.07	83.21	82.73	83.57
42.5	91.34	89.38	87.19	85.40	83.38	81.79	80.21	79.28	78.76	79.71
45.0	88.53	86.25	83.84	81.81	79.65	77.92	76.18	75.23	74.67	75.64
47.5	85.82	83.11	80.36	78.07	75.83	73.90	72.04	70.96	70.32	71.37
50.0	83.36	79.98	76.93	74.34	71.78	69.68	67.75	66.50	65.85	66.96
52.5	81.31	77.14	73.48	70.50	67.69	65.40	63.28	61.94	61.22	62.42
55.0	79.98	74.72	70.29	66.74	63.54	60.98	58.63	57.15	56.47	57.69
57.5	79.09	72.83	67.41	63.08	59.36	56.50	53.91	52.30	51.57	52.87
60.0	77.96	71.60	64.99	59.67	55.31	52.00	49.18	47.39	46.57	47.96
62.5	76.75	70.25	63.30	56.64	51.39	47.52	44.34	42.34	41.48	42.96
65.0	75.36	68.68	61.60	54.23	47.82	43.18	39.57	37.31	36.35	37.97
67.5	73.77	67.00	59.72	52.30	44.69	39.03	34.81	32.25	31.18	32.95
70.0	72.02	65.11	57.74	50.19	42.22	35.24	30.25	27.27	26.11	28.01
72.5	70.13	63.15	55.66	47.96	39.87	31.96	25.94	22.39	21.08	23.24
75.0	68.10	61.02	53.43	45.63	37.44	29.31	22.00	17.80	16.30	18.71
77.5	65.91	58.75	51.10	43.16	34.89	26.71	18.69	13.53	11.81	14.55
80.0	63.54	56.31	48.56	40.58	32.28	24.07	16.00	9.782	7.780	10.94
82.5	61.04	53.76	45.96	37.94	29.57	21.39	13.42	6.767	4.407	8.076
85.0	58.37	51.11	43.22	35.19	26.84	18.72	10.97	4.603	1.914	5.900
87.5	55.55	48.26	40.40	32.38	24.08	16.09	8.647	2.909	0.5661	4.018
90.0	52.50	45.29	37.46	29.48	21.29	13.53	6.556	1.672	0.3260	2.534
92.5	49.36	42.26	34.44	26.56	18.53	11.13	4.799	0.9850	0.3124	1.604
95.0	46.13	39.03	31.31	23.60	15.88	8.935	3.453	0.7323	0.3032	1.149
97.5	42.72	35.71	28.18	20.69	13.33	7.036	2.653	0.5604	0.2942	0.9635
100.0	39.26	32.32	25.01	17.85	11.00	5.599	2.206	0.3750	0.2897	0.7594
102.5	35.75	28.97	21.88	15.17	9.055	4.682	1.929	0.2988	0.2853	0.5512
105.0	32.14	25.62	18.89	12.72	7.609	4.123	1.653	0.3125	0.2897	0.3938
107.5	28.43	22.29	15.99	10.71	6.440	3.733	1.340	0.3351	0.3079	0.3938
110.0	24.75	18.99	13.44	9.297	5.922	3.326	1.016	0.3489	0.3259	0.3939
112.5	21.20	15.96	11.58	8.081	5.428	2.895	0.6904	0.3670	0.3484	0.3985
115.0	18.04	13.61	10.14	7.469	4.840	2.399	0.4576	0.3893	0.3757	0.4119
117.5	15.31	11.97	9.108	6.639	4.150	1.891	0.4391	0.4075	0.3938	0.4256
120.0	13.22	10.33	8.171	5.786	3.469	1.415	0.4574	0.4256	0.4164	0.4482
122.5	11.31	9.446	7.170	4.968	2.837	0.9861	0.4753	0.4482	0.4366	0.4663
125.0	10.27	8.385	6.238	4.199	2.253	0.6468	0.4977	0.4753	0.4661	0.4801
127.5	9.308	7.326	5.359	3.501	1.717	0.5523	0.5205	0.5028	0.4932	0.5071
130.0	8.175	6.345	4.525	2.824	1.247	0.5659	0.5431	0.5562	0.5248	0.5300
132.5	7.068	5.408	3.760	2.213	0.8252	0.5841	0.5704	0.5478	0.5432	0.5570
135.0	6.042	4.534	3.034	1.640	0.6293	0.6024	0.5927	0.5795	0.5794	0.5841
137.5	5.067	3.714	2.357	1.139	0.6472	0.6292	0.6111	0.6023	0.6018	0.6507
140.0	4.154	2.932	1.737	0.7589	0.6654	0.6520	0.6879	0.6293	0.6336	0.6295
142.5	3.286	2.213	1.187	0.6926	0.6880	0.6790	0.6698	0.6609	0.6608	0.6566
145.0	2.484	1.550	0.7617	0.7063	0.7060	0.7018	0.6926	0.6837	0.6836	0.6836
147.5	1.744	1.003	0.7334	0.7288	0.7243	0.7243	0.7248	0.7107	0.7105	0.7108
150.0	1.117	0.7560	0.7515	0.7470	0.7512	0.7426	0.7379	0.7289	0.7288	0.7288
152.5	0.7832	0.7696	0.7695	0.7651	0.8861	0.9149	0.7560	0.7472	0.7469	0.7470
155.0	0.7922	0.7968	0.7967	0.7878	0.7923	0.8102	0.7786	0.7742	0.7740	0.7699
157.5	0.8103	0.8103	0.8102	0.8103	0.8191	0.8103	0.8057	0.8058	0.8057	0.7970
160.0	0.8283	0.8420	0.9401	0.8829	0.8373	0.8511	0.8465	0.8287	0.8237	0.8149
162.5	0.8509	0.8909	1.086	1.281	1.159	1.068	1.064	1.064	1.068	1.064
165.0	0.8821	1.371	1.349	1.182	1.091	1.087	1.086	1.086	1.086	1.077
167.5	1.109	1.122	1.119	1.096	1.105	1.105	1.104	1.100	1.096	1.096
170.0	1.114	1.118	1.114	1.114	1.118	1.123	1.118	1.109	1.109	1.109
172.5	1.127	1.127	1.132	1.132	1.132	1.136	1.127	1.132	1.127	1.123
175.0	1.127	1.127	1.136	1.136	1.145	1.141	1.141	1.136	1.132	1.132
177.5	1.127	1.132	1.132	1.136	1.132	1.141	1.136	1.132	1.136	1.127
180.0	1.123	1.127	1.127	1.136	1.141	1.136	1.132	1.132	1.127	1.127

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators: yechihong  
 Test Date: 2020-05-25

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	116.2	116.2	116.2	116.1	116.3	116.3	116.3	116.5	116.4	116.4
2.5	115.9	115.9	116.0	116.0	116.2	116.2	116.3	116.5	116.5	116.5
5.0	115.4	115.5	115.7	115.9	115.9	116.1	116.2	116.4	116.6	116.6
7.5	114.7	114.9	115.1	115.4	115.6	115.8	116.1	116.3	116.6	116.8
10.0	113.7	114.0	114.4	114.7	115.0	115.4	115.8	116.1	116.5	116.8
12.5	112.6	113.0	113.3	113.9	114.3	114.8	115.3	115.8	116.2	116.6
15.0	111.2	111.6	112.2	112.8	113.3	114.0	114.6	115.2	115.7	116.3
17.5	109.5	110.2	110.7	111.5	112.2	113.0	113.7	114.4	115.1	115.7
20.0	107.7	108.4	109.1	109.9	110.8	111.7	112.6	113.4	114.2	114.9
22.5	105.6	106.4	107.2	108.2	109.2	110.3	111.3	112.3	113.2	114.0
25.0	103.2	104.2	105.2	106.4	107.4	108.6	109.8	110.9	111.9	112.9
27.5	100.7	101.8	102.9	104.2	105.4	106.7	108.0	109.2	110.4	111.5
30.0	97.88	99.11	100.4	101.8	103.1	104.7	106.1	107.4	108.6	109.9
32.5	94.89	96.24	97.60	99.18	100.6	102.4	103.9	105.4	106.8	108.1
35.0	91.72	93.21	94.64	96.41	98.09	99.82	101.6	103.3	104.8	106.2
37.5	88.34	89.95	91.51	93.45	95.27	97.23	99.04	100.9	102.6	104.3
40.0	84.71	86.45	88.17	90.25	92.24	94.39	96.39	98.51	100.4	102.4
42.5	80.93	82.76	84.68	86.97	89.08	91.46	93.64	96.01	98.27	100.6
45.0	76.98	78.95	81.01	83.50	85.82	88.39	90.87	93.60	96.33	99.14
47.5	72.87	75.01	77.23	79.88	82.43	85.32	88.26	91.43	94.75	98.23
50.0	68.59	70.87	73.32	76.24	79.03	82.36	85.79	89.72	93.89	98.18
52.5	64.14	66.69	69.28	72.49	75.70	79.54	83.79	88.66	93.68	98.12
55.0	59.59	62.33	65.18	68.71	72.54	77.17	82.51	88.11	93.27	97.94
57.5	54.90	57.90	61.13	65.16	69.78	75.33	81.63	87.40	92.69	97.56
60.0	50.27	53.45	57.19	61.88	67.53	74.16	80.54	86.49	91.95	96.95
62.5	45.46	49.09	53.40	59.03	65.83	72.81	79.28	85.41	90.95	96.20
65.0	40.76	44.89	49.94	56.73	64.10	71.22	77.88	84.14	89.85	95.16
67.5	36.10	40.81	47.01	54.76	62.28	69.54	76.28	82.70	88.55	93.96
70.0	31.67	37.22	44.65	52.71	60.27	67.64	74.57	81.09	87.02	92.58
72.5	27.47	34.14	42.32	50.46	58.18	65.73	72.72	79.30	85.35	90.94
75.0	23.73	31.55	39.87	48.06	55.93	63.58	70.67	77.34	83.44	89.18
77.5	20.58	28.96	37.30	45.61	53.57	61.29	68.43	75.19	81.39	87.20
80.0	17.95	26.28	34.63	43.06	51.04	58.85	66.08	72.95	79.17	84.96
82.5	15.31	23.56	31.94	40.38	48.41	56.28	63.55	70.49	76.73	82.56
85.0	12.78	20.85	29.18	37.60	45.67	53.55	60.90	67.91	74.20	80.04
87.5	10.35	18.15	26.35	34.72	42.79	50.71	58.09	65.10	71.45	77.35
90.0	8.120	15.48	23.48	31.79	39.86	47.78	55.14	62.20	68.55	74.47
92.5	6.149	12.96	20.66	28.76	36.74	44.64	51.91	59.00	65.37	71.28
95.0	4.556	10.59	17.86	25.75	33.63	41.42	48.67	55.70	62.03	67.93
97.5	3.497	8.494	15.16	22.74	30.39	38.07	45.30	52.27	58.52	64.43
100.0	2.866	6.768	12.66	19.77	27.15	34.70	41.76	48.69	54.95	60.83
102.5	2.549	5.636	10.48	16.97	23.95	31.29	38.23	45.07	51.22	56.97
105.0	2.243	4.839	8.745	14.38	20.87	27.87	34.64	41.30	47.35	53.13
107.5	1.911	4.459	7.665	12.13	17.92	24.51	30.97	37.45	43.36	48.98
110.0	1.581	4.028	6.713	10.42	15.30	21.26	27.37	33.60	39.33	44.84
112.5	1.218	3.594	6.199	9.093	13.10	18.29	23.87	29.74	35.28	40.56
115.0	0.8572	3.139	5.686	8.312	11.63	15.71	20.61	26.04	31.20	36.30
117.5	0.5574	2.629	5.135	7.698	10.20	13.74	17.77	22.53	27.28	32.09
120.0	0.4890	2.157	4.563	7.064	9.493	12.03	15.50	19.42	23.62	28.02
122.5	0.4979	1.660	3.986	6.403	8.753	11.11	13.67	16.90	20.35	24.19
125.0	0.5205	1.198	3.396	5.733	8.010	10.29	12.39	14.98	17.75	20.84
127.5	0.5296	0.7826	2.805	5.040	7.234	9.428	11.48	13.43	15.61	18.23
130.0	0.5477	0.5841	2.202	4.331	6.435	8.559	10.53	12.41	14.10	15.87
132.5	0.5704	0.6021	1.630	3.616	5.636	7.656	9.547	11.36	12.98	14.53
135.0	0.6020	0.6157	1.103	2.890	4.795	6.730	8.543	10.29	11.83	13.32
137.5	0.6157	0.6295	0.7879	2.186	3.959	5.803	7.524	9.194	10.67	12.07
140.0	0.6471	0.6519	0.8101	1.513	3.129	4.860	6.480	8.065	9.472	10.81
142.5	0.6699	0.6745	0.8737	0.9903	2.291	3.906	5.425	6.920	8.251	9.531
145.0	0.6926	0.6972	0.8918	0.9190	1.547	2.959	4.365	5.761	7.003	8.209
147.5	0.8467	0.7243	0.8963	0.9101	0.9646	2.037	3.303	4.596	5.756	6.867
150.0	0.7422	0.7424	0.9952	0.9373	0.9460	1.243	2.262	3.437	4.478	5.527
152.5	0.7604	0.7721	0.9643	0.9687	0.9642	0.9643	1.356	2.284	3.222	4.167
155.0	0.8384	0.9322	0.9823	0.9958	0.9913	0.9869	0.9914	1.304	2.018	2.837
157.5	0.7922	0.8105	1.014	1.019	1.014	1.014	1.014	1.014	1.084	1.615
160.0	0.8329	1.032	1.037	1.032	1.037	1.032	1.036	1.032	1.032	1.037
162.5	1.055	1.096	1.275	1.282	1.213	1.097	1.109	1.059	1.059	1.059
165.0	1.082	1.082	1.119	1.213	1.322	1.354	1.349	1.259	1.100	1.073
167.5	1.095	1.096	1.100	1.100	1.137	1.181	1.156	1.114	1.091	1.091
170.0	1.113	1.109	1.118	1.109	1.109	1.118	1.118	1.109	1.122	1.160
172.5	1.127	1.123	1.132	1.132	1.132	1.127	1.145	1.200	1.277	1.358
175.0	1.136	1.136	1.136	1.136	1.136	1.136	1.141	1.136	1.128	1.149
177.5	1.132	1.127	1.136	1.132	1.127	1.127	1.141	1.136	1.136	1.132
180.0	1.136	1.132	1.132	1.136	1.132	1.127	1.132	1.136	1.132	1.136

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators: yechihong  
 Test Date: 2020-05-25

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	116.5	116.5	116.5	116.5	116.4	116.5	117.2	117.1	117.0	116.8
2.5	116.6	116.6	116.6	116.7	116.7	116.7	117.4	117.2	117.2	117.0
5.0	116.8	116.9	116.9	117.0	117.1	117.1	117.8	117.7	117.5	117.5
7.5	116.9	117.1	117.2	117.3	117.4	117.4	118.2	118.1	118.0	118.0
10.0	117.0	117.2	117.4	117.6	117.7	117.8	118.5	118.5	118.4	118.2
12.5	116.9	117.2	117.4	117.7	117.8	117.9	118.9	118.8	118.7	118.4
15.0	116.6	117.0	117.3	117.6	117.8	118.0	118.9	118.9	118.7	118.5
17.5	116.2	116.7	117.0	117.4	117.6	117.8	118.8	118.8	118.7	118.4
20.0	115.6	116.2	116.5	117.0	117.3	117.5	118.5	118.5	118.4	118.1
22.5	114.7	115.4	115.9	116.4	116.7	116.9	118.1	118.0	117.9	117.6
25.0	113.6	114.4	115.0	115.5	115.9	116.2	117.5	117.4	117.1	116.9
27.5	112.4	113.2	113.9	114.6	115.0	115.3	116.6	116.5	116.3	115.9
30.0	110.9	111.9	112.7	113.5	113.9	114.3	115.6	115.4	115.3	114.9
32.5	109.3	110.4	111.4	112.1	112.6	113.1	114.5	114.3	114.2	113.7
35.0	107.6	108.9	109.9	110.9	111.5	112.0	113.3	113.2	112.9	112.4
37.5	105.9	107.3	108.6	109.6	110.4	111.0	112.3	112.1	111.9	111.2
40.0	104.2	105.9	107.4	108.8	109.6	110.3	111.6	111.5	111.1	110.2
42.5	102.8	104.9	106.8	108.2	109.5	110.3	111.7	111.4	110.7	109.7
45.0	101.8	104.4	106.9	108.8	110.2	111.1	112.6	112.3	111.3	110.0
47.5	101.8	104.9	107.6	109.8	111.3	112.2	113.7	113.4	112.5	111.0
50.0	102.2	105.5	108.3	110.5	112.1	113.2	114.6	114.3	113.3	111.7
52.5	102.3	105.7	108.7	111.1	112.7	113.7	115.2	114.8	113.9	112.3
55.0	102.2	105.9	108.9	111.2	112.9	114.0	115.5	115.2	114.2	112.5
57.5	101.9	105.6	108.8	111.3	113.0	114.2	115.7	115.4	114.3	112.6
60.0	101.5	105.3	108.5	111.1	112.9	114.1	115.6	115.3	114.2	112.4
62.5	100.8	104.6	108.0	110.6	112.5	113.7	115.2	115.0	113.8	111.9
65.0	99.85	103.9	107.2	110.0	111.8	113.1	114.7	114.4	113.2	111.3
67.5	98.64	102.8	106.3	109.1	111.0	112.3	113.9	113.5	112.4	110.4
70.0	97.36	101.7	105.0	107.9	109.9	111.3	112.8	112.5	111.3	109.3
72.5	95.78	100.2	103.7	106.6	108.6	109.9	111.5	111.1	110.0	107.9
75.0	94.08	98.49	102.0	105.0	107.1	108.4	110.0	109.6	108.5	106.3
77.5	92.15	96.63	100.2	103.2	105.3	106.7	108.3	107.9	106.7	104.5
80.0	90.03	94.47	98.16	101.1	103.3	104.7	106.3	105.8	104.7	102.5
82.5	87.69	92.19	95.89	99.04	101.0	102.5	104.1	103.6	102.5	100.2
85.0	85.13	89.71	93.39	96.45	98.57	100.1	101.6	101.1	99.95	97.74
87.5	82.46	86.97	90.70	93.74	95.93	97.35	98.85	98.42	97.26	95.10
90.0	79.62	84.15	87.94	90.88	93.07	94.47	95.95	95.49	94.41	92.21
92.5	76.34	80.92	84.65	87.77	89.85	91.36	92.84	92.32	91.21	89.01
95.0	72.99	77.62	81.26	84.33	86.47	87.98	89.45	88.94	87.80	85.57
97.5	69.50	74.04	77.69	80.75	82.94	84.40	85.88	85.32	84.24	82.03
100.0	65.81	70.35	73.99	77.06	79.15	80.65	82.09	81.55	80.49	78.25
102.5	61.96	66.48	70.06	73.10	75.20	76.60	78.15	77.54	76.51	74.29
105.0	58.00	62.41	66.00	69.00	71.12	72.51	73.92	73.35	72.38	70.12
107.5	53.88	58.24	61.82	64.75	66.81	68.20	69.53	68.97	67.96	65.81
110.0	49.57	53.90	57.39	60.32	62.36	63.78	65.04	64.50	63.53	61.37
112.5	45.19	49.44	52.80	55.70	57.69	59.12	60.28	59.81	58.86	56.70
115.0	40.74	44.88	48.17	51.00	52.90	54.33	55.45	54.94	54.01	51.94
117.5	36.29	40.27	43.41	46.22	48.02	49.41	50.50	49.98	49.05	47.08
120.0	31.94	35.70	38.67	41.36	43.09	44.46	45.43	44.96	44.08	42.13
122.5	27.74	31.19	34.01	36.50	38.16	39.42	40.40	39.94	39.09	37.25
125.0	23.90	26.97	29.50	31.82	33.38	34.55	35.43	34.97	34.20	32.48
127.5	20.61	23.18	25.35	27.41	28.76	29.85	30.61	30.20	29.47	27.94
130.0	18.27	20.07	21.77	23.46	24.62	25.56	26.19	25.82	25.18	23.86
132.5	15.83	17.57	19.22	20.34	21.21	21.93	22.40	22.10	21.57	20.54
135.0	14.57	15.70	16.59	17.59	18.52	19.24	19.66	19.40	18.92	17.85
137.5	13.27	14.35	15.20	15.93	16.43	16.76	16.92	16.74	16.47	15.90
140.0	11.94	12.98	13.79	14.50	14.94	15.28	15.41	15.24	14.97	14.44
142.5	10.60	11.56	12.33	13.00	13.43	13.76	13.88	13.72	13.48	12.96
145.0	9.199	10.14	10.85	11.50	11.88	12.19	12.32	12.16	11.94	11.44
147.5	7.806	8.680	9.354	9.957	10.32	10.63	10.72	10.58	10.37	9.897
150.0	6.392	7.215	7.826	8.388	8.733	9.003	9.026	8.959	8.763	8.323
152.5	4.968	5.720	6.269	6.806	7.113	7.375	7.302	7.327	7.145	6.741
155.0	3.546	4.219	4.725	5.208	5.504	5.746	5.657	5.677	5.531	5.154
157.5	2.174	2.757	3.190	3.615	3.874	4.100	3.998	4.041	3.907	3.562
160.0	1.110	1.456	1.759	2.094	2.316	2.507	2.372	2.385	2.341	2.041
162.5	1.059	1.050	1.050	1.068	1.095	1.182	1.001	0.9232	1.071	0.9797
165.0	1.077	1.073	1.064	1.055	1.041	0.9549	0.7786	0.9055	0.9779	0.9823
167.5	1.095	1.087	1.082	1.068	1.055	0.8465	0.7922	0.7830	1.000	1.009
170.0	1.224	1.233	1.226	1.159	1.091	0.8696	0.8014	0.8013	0.8058	1.144
172.5	1.376	1.376	1.376	1.344	1.286	1.009	0.8239	0.8284	1.118	1.313
175.0	1.155	1.167	1.160	1.136	0.8783	0.8827	0.8465	0.8420	0.9004	1.115
177.5	1.141	1.136	1.141	1.132	0.8782	0.8737	0.8602	0.8601	0.8556	1.051
180.0	1.136	1.136	1.136	1.136	0.8782	0.8782	0.8873	0.8827	0.8827	0.8782

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators: yechihong  
 Test Date: 2020-05-25

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	116.7	116.6	116.5	116.5	116.4	116.4	116.3	116.3	116.2	116.2
2.5	116.9	116.9	116.8	116.7	116.7	116.6	116.4	116.4	116.3	116.3
5.0	117.3	117.3	117.2	117.0	116.9	116.8	116.7	116.5	116.4	116.3
7.5	117.7	117.6	117.5	117.3	117.1	116.9	116.7	116.5	116.3	116.1
10.0	118.0	117.9	117.8	117.5	117.2	116.9	116.6	116.4	116.0	115.7
12.5	118.2	118.0	117.8	117.4	117.1	116.7	116.4	116.0	115.5	115.1
15.0	118.3	118.0	117.7	117.3	116.8	116.3	115.9	115.3	114.9	114.3
17.5	118.1	117.8	117.4	116.9	116.4	115.8	115.2	114.5	113.9	113.3
20.0	117.8	117.3	116.9	116.3	115.7	115.0	114.4	113.6	112.8	112.0
22.5	117.2	116.8	116.3	115.6	114.9	114.1	113.2	112.3	111.5	110.6
25.0	116.5	115.9	115.4	114.7	113.8	112.9	111.9	110.8	109.9	108.8
27.5	115.5	114.9	114.3	113.3	112.5	111.5	110.4	109.2	108.1	106.9
30.0	114.4	113.7	113.0	112.0	111.0	109.9	108.6	107.3	106.1	104.8
32.5	113.2	112.4	111.5	110.4	109.2	108.0	106.8	105.2	103.9	102.4
35.0	111.8	110.9	109.8	108.6	107.3	105.9	104.5	103.0	101.4	99.84
37.5	110.4	109.3	108.2	106.8	105.3	103.7	102.2	100.4	98.80	97.04
40.0	109.2	107.9	106.5	104.8	103.2	101.4	99.63	97.72	95.97	94.07
42.5	108.4	106.7	105.0	103.0	101.0	98.96	96.99	94.85	92.95	90.90
45.0	108.2	106.0	103.8	101.3	98.93	96.51	94.26	91.88	89.83	87.55
47.5	108.9	106.2	103.2	100.1	97.16	94.25	91.54	88.89	86.46	83.98
50.0	109.6	106.7	103.4	99.56	95.72	92.15	88.91	85.81	83.09	80.37
52.5	110.0	107.1	103.6	99.60	95.04	90.49	86.53	82.83	79.69	76.66
55.0	110.3	107.2	103.6	99.51	94.80	89.61	84.51	80.02	76.35	72.93
57.5	110.2	107.1	103.3	99.08	94.30	88.93	83.18	77.60	73.13	69.17
60.0	109.9	106.7	102.9	98.54	93.62	88.10	82.20	75.74	70.22	65.56
62.5	109.4	106.1	102.2	97.73	92.70	87.03	81.02	74.42	67.75	62.10
65.0	108.7	105.3	101.4	96.74	91.61	85.82	79.64	72.98	66.00	59.06
67.5	107.8	104.3	100.3	95.59	90.30	84.40	78.19	71.36	64.18	56.55
70.0	106.6	103.1	99.02	94.18	88.83	82.81	76.47	69.53	62.22	54.54
72.5	105.2	101.6	97.48	92.56	87.14	81.12	74.59	67.54	60.16	52.33
75.0	103.6	99.98	95.79	90.79	85.34	79.17	72.63	65.46	57.99	50.03
77.5	101.8	98.12	93.86	88.80	83.29	77.07	70.46	63.20	55.65	47.58
80.0	99.73	96.04	91.72	86.69	81.06	74.87	68.10	60.77	53.17	45.05
82.5	97.47	93.75	89.49	84.35	78.71	72.34	65.62	58.22	50.62	42.35
85.0	94.94	91.23	86.93	81.75	76.16	69.73	62.95	55.53	47.91	39.58
87.5	92.24	88.53	84.13	79.02	73.36	66.93	60.12	52.71	45.00	36.72
90.0	89.36	85.60	81.30	76.09	70.48	64.02	57.23	49.81	41.96	33.81
92.5	86.20	82.42	78.15	72.97	67.34	60.92	54.14	46.61	38.93	30.74
95.0	82.83	79.07	74.77	69.59	64.01	57.56	50.84	43.34	35.71	27.67
97.5	79.28	75.48	71.26	66.12	60.46	54.09	47.43	39.98	32.47	24.56
100.0	75.55	71.75	67.60	62.47	56.91	50.57	43.92	36.57	29.16	21.45
102.5	71.66	67.87	63.70	58.64	53.16	46.86	40.27	33.09	25.87	18.46
105.0	67.52	63.82	59.65	54.67	49.22	43.05	36.58	29.59	22.57	15.63
107.5	63.24	59.55	55.52	50.58	45.23	39.12	32.85	26.04	19.46	13.05
110.0	58.78	55.20	51.19	46.32	41.10	35.21	29.11	22.65	16.54	10.92
112.5	54.17	50.68	46.81	42.02	36.97	31.24	25.45	19.44	13.97	9.364
115.0	49.48	46.07	42.27	37.67	32.82	27.33	21.99	16.53	11.90	8.138
117.5	44.69	41.42	37.76	33.34	28.75	23.65	18.78	14.16	10.47	7.525
120.0	39.86	36.70	33.27	29.10	24.85	20.28	16.10	12.48	9.391	6.904
122.5	35.12	32.14	28.93	25.12	21.33	17.41	14.14	10.99	8.669	6.260
125.0	30.49	27.75	24.89	21.54	18.32	15.32	12.35	10.17	7.922	5.591
127.5	26.18	23.76	21.30	18.57	16.18	13.35	11.41	9.314	7.151	4.906
130.0	22.40	20.41	18.50	16.32	14.11	12.33	10.48	8.454	6.351	4.213
132.5	19.47	17.96	16.00	14.48	12.99	11.28	9.506	7.560	5.568	3.500
135.0	16.71	15.67	14.59	13.28	11.85	10.21	8.507	6.634	4.741	2.790
137.5	15.25	14.32	13.30	12.03	10.67	9.111	7.485	5.706	3.907	2.068
140.0	13.85	12.93	11.97	10.77	9.470	7.990	6.439	4.760	3.072	1.421
142.5	12.38	11.52	10.61	9.470	8.246	6.843	5.392	3.791	2.242	0.8628
145.0	10.90	10.09	9.229	8.147	7.005	5.695	4.321	2.848	1.463	0.7967
147.5	9.392	8.628	7.834	6.804	5.764	4.517	3.257	1.925	0.8688	0.8463
150.0	7.844	7.133	6.396	5.457	4.472	3.333	2.211	1.126	0.8330	0.8510
152.5	6.304	5.655	4.965	4.090	3.211	2.196	1.284	0.8737	0.8737	0.8826
155.0	4.756	4.147	3.539	2.766	1.999	1.223	0.8918	0.9008	0.9012	0.9143
157.5	3.222	2.682	2.161	1.540	1.038	0.9322	0.9281	0.9368	0.9327	0.9416
160.0	1.775	1.384	1.066	0.9507	0.9551	0.9506	0.9506	0.9550	0.9597	0.9686
162.5	0.9734	0.9688	0.9733	0.9777	0.9778	0.9822	0.9736	1.009	1.001	0.9914
165.0	0.9915	0.9959	0.9916	1.000	1.025	1.095	1.161	1.267	1.240	1.177
167.5	1.023	1.028	1.023	1.082	1.277	1.313	1.318	1.317	1.154	1.046
170.0	1.078	1.055	1.046	1.064	1.082	1.119	1.131	1.097	1.064	1.064
172.5	1.267	1.136	1.077	1.073	1.082	1.082	1.082	1.082	1.086	1.091
175.0	1.100	1.100	1.095	1.100	1.100	1.104	1.096	1.105	1.105	1.105
177.5	1.105	1.105	1.105	1.105	1.109	1.114	1.109	1.118	1.114	1.118
180.0	1.123	1.127	1.123	1.127	1.132	1.127	1.127	1.132	1.123	1.136

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators: yechihong  
 Test Date: 2020-05-25

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	116.2	116.2	116.1	116.1	116.1	116.2	116.2	116.2	116.2	116.1
2.5	116.3	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.3	116.3
5.0	116.2	116.1	116.1	116.0	115.9	115.9	116.0	116.1	116.1	116.1
7.5	116.0	115.8	115.7	115.5	115.4	115.4	115.6	115.6	115.8	115.9
10.0	115.5	115.2	114.9	114.8	114.7	114.7	114.9	115.1	115.3	115.5
12.5	114.8	114.5	114.2	113.9	113.7	113.8	114.1	114.3	114.6	114.8
15.0	113.8	113.4	113.1	112.7	112.6	112.6	112.9	113.2	113.6	114.0
17.5	112.7	112.2	111.7	111.3	111.1	111.1	111.2	111.5	111.9	112.4
20.0	111.4	110.6	110.0	109.6	109.4	109.5	109.9	110.4	111.0	111.6
22.5	109.8	108.9	108.3	107.7	107.5	107.6	108.1	108.6	109.4	110.1
25.0	108.0	106.9	106.2	105.6	105.3	105.5	106.1	106.6	107.5	108.3
27.5	105.9	104.8	103.9	103.2	102.9	103.1	103.8	104.4	105.4	106.3
30.0	103.6	102.3	101.5	100.6	100.2	100.5	101.2	102.1	103.1	104.1
32.5	101.2	99.76	98.70	97.78	97.40	97.68	98.47	99.50	100.6	101.7
35.0	98.37	96.97	95.78	94.72	94.34	94.64	95.50	96.59	97.86	99.12
37.5	95.53	93.87	92.66	91.51	91.02	91.39	92.35	93.52	94.94	96.31
40.0	92.43	90.63	89.27	88.03	87.53	88.00	89.00	90.29	91.73	93.28
42.5	89.07	87.17	85.69	84.35	83.85	84.36	85.47	86.75	88.41	90.04
45.0	85.52	83.51	81.95	80.51	79.95	80.45	81.71	83.12	84.88	86.66
47.5	81.89	79.71	78.04	76.46	75.91	76.43	77.72	79.28	81.21	83.20
50.0	78.10	75.75	73.88	72.21	71.65	72.20	73.65	75.31	77.39	79.47
52.5	74.17	71.60	69.60	67.85	67.21	67.80	69.37	71.18	73.48	75.73
55.0	70.08	67.36	65.16	63.30	62.63	63.26	64.97	66.92	69.43	72.02
57.5	65.98	62.98	60.60	58.61	57.87	58.59	60.44	62.52	65.34	68.40
60.0	61.89	58.55	55.95	53.76	53.05	53.74	55.77	58.10	61.27	64.90
62.5	57.82	54.06	51.19	48.87	48.05	48.84	51.07	53.72	57.34	61.67
65.0	53.90	49.59	46.37	43.85	42.98	43.86	46.30	49.38	53.56	58.91
67.5	50.23	45.24	41.62	38.80	37.85	38.85	41.58	45.06	50.14	56.78
70.0	46.93	41.04	36.87	33.72	32.70	33.82	36.92	41.04	47.23	54.81
72.5	44.33	37.15	32.22	28.72	27.57	28.88	32.36	37.41	44.90	52.67
75.0	41.92	33.72	27.83	23.83	22.53	24.05	28.13	34.30	42.48	50.43
77.5	39.40	30.89	23.75	19.13	17.66	19.44	24.30	31.70	39.98	47.95
80.0	36.77	28.23	20.17	14.75	13.07	15.20	21.01	29.07	37.42	45.48
82.5	34.08	25.52	17.29	10.83	8.890	11.46	18.32	26.39	34.75	42.83
85.0	31.30	22.77	14.63	7.600	5.266	8.430	15.69	23.66	32.01	40.15
87.5	28.43	20.02	12.06	5.198	2.456	6.138	13.11	20.92	29.18	37.28
90.0	25.55	17.25	9.655	3.373	0.7673	4.191	10.64	18.17	26.33	34.38
92.5	22.65	14.58	7.403	1.959	0.2173	2.622	8.347	15.49	23.49	31.41
95.0	19.73	11.98	5.468	1.141	0.2173	1.564	6.287	12.91	20.58	28.34
97.5	16.90	9.636	3.904	0.7975	0.2173	0.9896	4.601	10.52	17.74	25.25
100.0	14.17	7.566	2.897	0.6254	0.2173	0.8065	3.394	8.350	15.01	22.17
102.5	11.67	5.937	2.354	0.4532	0.2174	0.6252	2.643	6.571	12.47	19.16
105.0	9.519	4.883	2.063	0.3079	0.2263	0.4220	2.345	5.387	10.22	16.30
107.5	7.867	4.231	1.755	0.3033	0.2402	0.2852	2.045	4.550	8.435	13.70
110.0	6.739	3.835	1.448	0.3033	0.2672	0.2807	1.723	4.162	7.316	11.47
112.5	6.037	3.417	1.121	0.3124	0.2898	0.2984	1.379	3.710	6.335	9.816
115.0	5.522	2.993	0.7959	0.3169	0.3124	0.3078	1.014	3.224	5.781	8.421
117.5	4.977	2.513	0.4928	0.3347	0.3351	0.3304	0.6910	2.700	5.097	7.597
120.0	4.442	2.035	0.4212	0.3531	0.3535	0.3531	0.4297	2.146	4.332	6.670
122.5	3.882	1.582	0.4301	0.3802	0.3758	0.3847	0.4211	1.650	3.640	5.780
125.0	3.310	1.117	0.4482	0.3940	0.3984	0.3981	0.4437	1.216	3.006	4.992
127.5	2.707	0.6929	0.4574	0.4301	0.4301	0.4255	0.4574	0.8167	2.425	4.261
130.0	2.127	0.5206	0.4844	0.4673	0.4572	0.4572	0.4844	0.5484	1.896	3.543
132.5	1.555	0.5251	0.5115	0.4800	0.4799	0.4841	0.5026	0.5251	1.407	2.887
135.0	1.026	0.5520	0.5252	0.5114	0.5072	0.5159	0.5208	0.5475	0.9746	2.262
137.5	0.7017	0.5746	0.5570	0.5437	0.5296	0.5396	0.5479	0.5657	0.6419	1.701
140.0	0.7243	0.5884	0.6324	0.5701	0.5570	0.6771	0.5704	0.5884	0.5931	1.193
142.5	0.7518	0.6111	0.6022	0.5840	0.5841	0.5885	0.5886	0.6020	0.6069	0.7623
145.0	0.8285	0.6380	0.6689	0.6110	0.6111	0.6202	0.6471	0.6245	0.6294	0.6427
147.5	0.8559	0.6518	0.6473	0.6337	0.6338	0.6427	0.6384	0.6473	0.6475	0.6563
150.0	0.8643	0.7792	0.7602	0.6519	0.6564	0.6564	0.8240	0.6790	0.6655	0.6700
152.5	0.9235	0.6925	0.6838	0.6789	0.6747	0.6835	0.6793	0.6879	0.6882	0.6926
155.0	0.9846	0.7332	0.7064	0.7015	0.6972	0.7016	0.7062	0.7197	0.7157	0.7196
157.5	1.103	0.8290	0.7289	0.7288	0.7250	0.7328	0.7867	0.9278	0.8547	0.7378
160.0	0.9733	0.9636	0.7652	0.7560	0.7561	0.7560	0.7742	0.7738	0.7651	0.7650
162.5	0.9959	1.005	1.001	1.005	1.005	1.005	1.001	1.009	1.010	0.8758
165.0	1.028	1.023	1.023	1.027	1.032	1.023	1.023	1.027	1.101	1.263
167.5	1.037	1.046	1.041	1.041	1.046	1.046	1.041	1.046	1.064	1.115
170.0	1.064	1.073	1.068	1.068	1.069	1.068	1.068	1.077	1.082	1.082
172.5	1.082	1.095	1.091	1.091	1.091	1.091	1.091	1.095	1.100	1.096
175.0	1.100	1.114	1.105	1.109	1.109	1.109	1.109	1.114	1.114	1.118
177.5	1.118	1.123	1.123	1.114	1.123	1.118	1.114	1.118	1.127	1.127
180.0	1.132	1.141	1.132	1.127	1.132	1.132	1.127	1.132	1.132	1.132

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators: yechihong  
 Test Date: 2020-05-25

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	116.3	116.3	116.3	116.5	116.4	116.4	116.5	116.5	116.5	116.5
2.5	116.3	116.5	116.5	116.6	116.5	116.7	116.8	116.7	116.7	116.8
5.0	116.3	116.5	116.6	116.7	116.8	116.9	117.0	117.0	117.1	117.1
7.5	116.1	116.3	116.5	116.7	116.8	117.0	117.2	117.3	117.3	117.3
10.0	115.7	116.0	116.2	116.6	116.8	117.0	117.3	117.4	117.4	117.5
12.5	115.2	115.6	115.8	116.2	116.6	116.8	117.2	117.3	117.5	117.6
15.0	114.4	114.8	115.3	115.7	116.2	116.5	116.9	117.1	117.3	117.4
17.5	113.4	114.0	114.6	115.1	115.6	116.0	116.4	116.7	117.0	117.1
20.0	112.3	112.9	113.6	114.2	114.8	115.4	115.7	116.0	116.4	116.7
22.5	110.8	111.5	112.4	113.1	113.8	114.4	114.8	115.2	115.7	116.0
25.0	109.2	110.1	110.9	111.7	112.6	113.3	113.8	114.2	114.8	115.0
27.5	107.4	108.3	109.3	110.2	111.1	111.8	112.6	113.0	113.5	113.9
30.0	105.3	106.3	107.5	108.5	109.5	110.3	111.0	111.7	112.2	112.7
32.5	103.0	104.2	105.4	106.5	107.6	108.5	109.4	110.1	110.8	111.3
35.0	100.5	101.8	103.2	104.3	105.5	106.7	107.7	108.5	109.4	109.9
37.5	97.79	99.20	100.7	102.1	103.4	104.7	106.0	106.9	108.0	108.7
40.0	94.89	96.41	98.13	99.72	101.3	102.8	104.3	105.6	106.9	108.0
42.5	91.82	93.55	95.37	97.23	99.16	101.0	103.0	104.6	106.3	107.7
45.0	88.68	90.59	92.70	94.82	97.13	99.41	102.0	104.3	106.6	108.5
47.5	85.29	87.53	89.97	92.57	95.44	98.60	101.8	104.9	107.5	109.5
50.0	81.93	84.48	87.46	90.70	94.43	98.50	102.3	105.4	108.0	110.2
52.5	78.53	81.56	85.31	89.42	94.14	98.60	102.4	105.7	108.5	110.6
55.0	75.32	78.99	83.59	88.86	93.90	98.45	102.4	105.9	108.6	110.8
57.5	72.25	76.93	82.65	88.21	93.42	98.04	102.1	105.6	108.6	110.7
60.0	69.61	75.51	81.72	87.39	92.71	97.42	101.7	105.2	108.2	110.5
62.5	67.53	74.21	80.55	86.36	91.88	96.67	101.1	104.7	107.6	110.0
65.0	65.89	72.78	79.22	85.27	90.74	95.67	100.2	103.8	106.9	109.3
67.5	64.19	71.15	77.75	83.84	89.46	94.49	99.07	102.8	105.9	108.3
70.0	62.31	69.40	76.11	82.33	88.06	93.11	97.73	101.6	104.7	107.1
72.5	60.27	67.48	74.30	80.57	86.41	91.47	96.20	100.0	103.2	105.6
75.0	58.15	65.47	72.38	78.70	84.63	89.74	94.48	98.32	101.6	104.0
77.5	55.87	63.19	70.26	76.57	82.50	87.76	92.51	96.43	99.70	102.1
80.0	53.39	60.82	67.90	74.34	80.33	85.57	90.34	94.32	97.67	100.00
82.5	50.86	58.33	65.41	71.91	77.97	83.18	88.00	91.98	95.29	97.72
85.0	48.11	55.64	62.79	69.30	75.29	80.74	85.46	89.44	92.77	95.21
87.5	45.28	52.83	60.02	66.56	72.60	77.98	82.72	86.65	90.02	92.40
90.0	42.39	49.91	57.12	63.62	69.69	75.02	79.81	83.74	87.09	89.54
92.5	39.36	46.81	54.02	60.49	66.53	71.85	76.60	80.50	83.78	86.18
95.0	36.16	43.59	50.72	57.20	63.15	68.49	73.27	77.08	80.43	82.80
97.5	32.95	40.27	47.34	53.72	59.67	64.90	69.71	73.54	76.88	79.18
100.0	29.66	36.82	43.81	50.14	56.01	61.23	65.97	69.77	73.13	75.42
102.5	26.39	33.35	40.18	46.43	52.21	57.35	62.08	65.89	69.16	71.46
105.0	23.10	29.82	36.49	42.60	48.35	53.36	57.98	61.80	65.04	67.33
107.5	19.96	26.36	32.83	38.67	44.30	49.19	53.76	57.55	60.75	63.03
110.0	17.01	22.96	29.13	34.73	40.12	44.95	49.42	53.16	56.37	58.60
112.5	14.19	19.62	25.39	30.71	35.84	40.52	44.96	48.63	51.81	53.99
115.0	11.97	16.37	21.74	26.77	31.72	36.06	40.44	44.00	47.17	49.21
117.5	10.56	13.66	18.28	22.99	27.67	31.75	35.84	39.33	42.45	44.39
120.0	9.111	11.99	15.28	19.55	23.79	27.71	31.30	34.69	37.71	39.60
122.5	8.096	10.27	13.10	16.49	20.29	23.75	27.05	30.12	33.02	34.87
125.0	7.102	9.124	11.06	14.06	17.30	20.22	23.24	25.86	28.55	30.22
127.5	6.197	8.155	10.01	11.61	14.87	17.33	19.96	22.02	24.48	25.97
130.0	5.305	7.109	8.947	10.58	12.53	14.70	17.39	19.01	20.95	22.23
132.5	4.495	6.124	7.843	9.313	11.00	13.02	14.71	16.46	18.27	19.34
135.0	3.730	5.208	6.764	8.290	9.609	11.39	13.18	14.60	15.62	16.48
137.5	3.013	4.343	5.759	7.122	8.469	9.853	11.44	13.02	14.02	14.98
140.0	2.342	3.536	4.810	6.029	7.347	8.466	9.891	11.44	12.58	13.40
142.5	1.713	2.772	3.905	4.999	6.152	7.252	8.564	9.747	10.96	11.83
145.0	1.161	2.063	3.059	4.027	5.046	6.025	7.115	8.206	9.325	10.30
147.5	0.7371	1.429	2.269	3.102	3.988	4.827	5.772	6.714	7.789	8.510
150.0	0.6746	0.8715	1.543	2.232	3.004	3.714	4.498	5.239	6.166	6.767
152.5	0.6927	0.6970	0.9413	1.479	2.102	2.684	3.323	3.915	4.649	5.167
155.0	0.7155	0.7197	0.7198	0.8562	1.297	1.743	2.252	2.690	3.226	3.755
157.5	0.7424	0.7424	0.7425	0.7423	0.7650	0.9719	1.321	1.623	1.983	2.316
160.0	0.7696	0.7737	0.7605	0.7604	0.7561	0.7650	0.7785	0.8301	0.9957	1.124
162.5	0.7878	0.7921	0.7922	0.7959	0.7787	0.7830	0.7877	0.7876	0.7787	0.7741
165.0	1.268	1.244	0.8653	0.8013	0.8059	0.8056	0.8013	0.7967	0.7922	0.7877
167.5	1.166	1.227	1.308	0.9551	0.8195	0.8238	0.8151	0.8102	0.8059	0.8012
170.0	1.082	1.087	1.100	1.100	1.086	0.8375	0.8375	0.8461	0.8513	0.9488
172.5	1.105	1.105	1.105	1.109	1.105	1.109	0.8796	0.9505	1.036	1.077
175.0	1.123	1.118	1.118	1.114	1.118	1.123	1.118	0.9415	0.8826	0.8831
177.5	1.123	1.123	1.123	1.127	1.123	1.127	1.132	1.127	1.091	0.8737
180.0	1.127	1.136	1.132	1.136	1.132	1.132	1.136	1.141	1.136	1.136

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators: yechihong  
 Test Date: 2020-05-25

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:

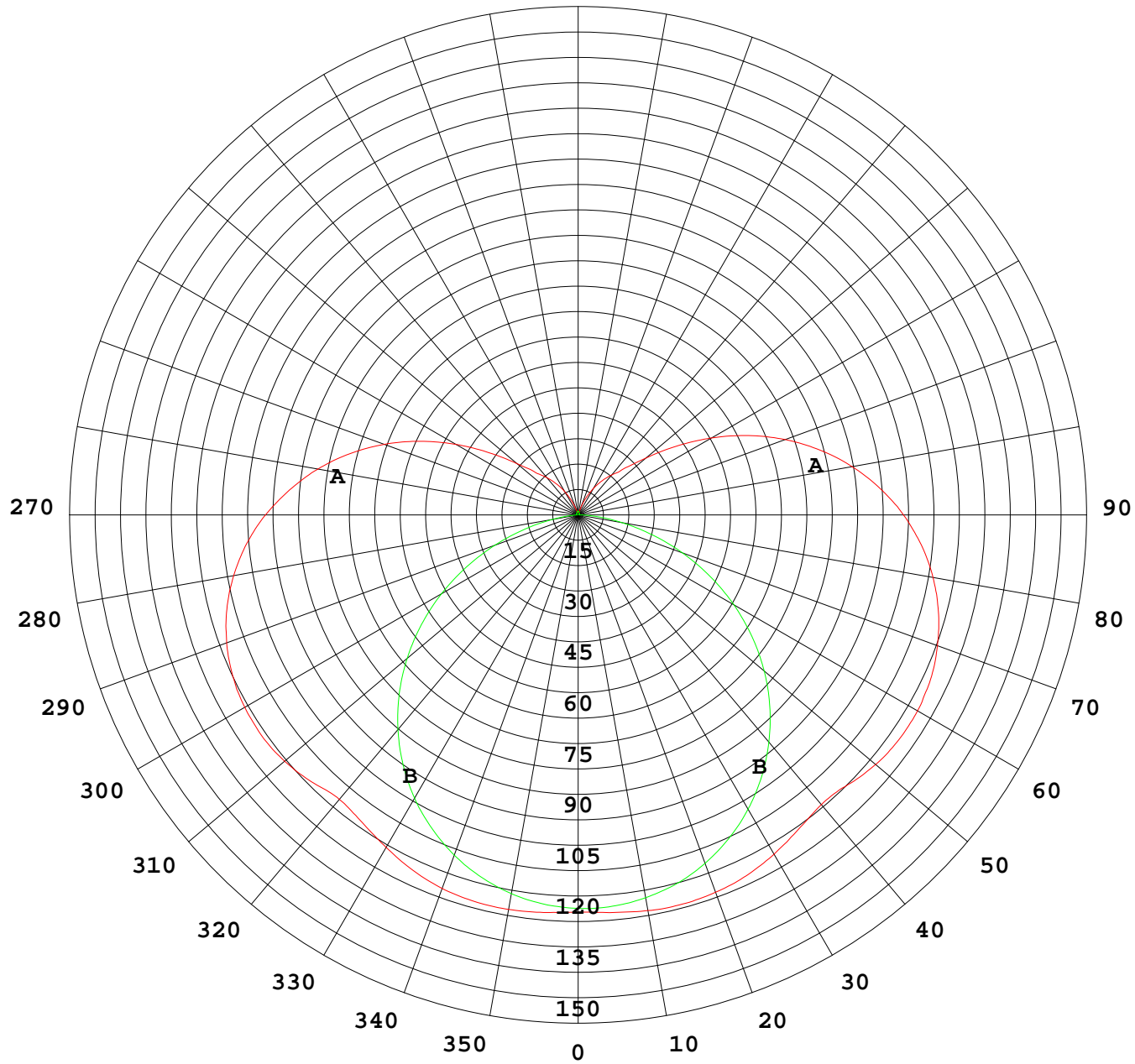
## Photometric Data Table [cd]

G/C	350.0	355.0
0.0	116.4	116.5
2.5	116.7	116.7
5.0	117.1	117.1
7.5	117.4	117.5
10.0	117.6	117.7
12.5	117.6	117.7
15.0	117.6	117.6
17.5	117.4	117.4
20.0	116.9	116.9
22.5	116.2	116.2
25.0	115.3	115.3
27.5	114.2	114.2
30.0	113.0	113.0
32.5	111.6	111.7
35.0	110.4	110.6
37.5	109.4	109.7
40.0	108.7	109.2
42.5	108.8	109.6
45.0	109.8	110.8
47.5	110.8	111.7
50.0	111.6	112.4
52.5	112.1	112.8
55.0	112.4	113.2
57.5	112.4	113.2
60.0	112.1	113.0
62.5	111.7	112.6
65.0	111.0	111.9
67.5	110.1	111.0
70.0	108.9	109.8
72.5	107.5	108.4
75.0	105.8	106.8
77.5	104.0	104.8
80.0	101.9	102.8
82.5	99.56	100.4
85.0	97.02	97.96
87.5	94.31	95.24
90.0	91.47	92.22
92.5	88.10	88.88
95.0	84.69	85.49
97.5	81.05	81.87
100.0	77.30	78.08
102.5	73.27	74.02
105.0	69.08	69.83
107.5	64.80	65.49
110.0	60.32	61.03
112.5	55.64	56.34
115.0	50.84	51.55
117.5	46.01	46.66
120.0	41.09	41.74
122.5	36.29	36.87
125.0	31.58	32.09
127.5	27.19	27.65
130.0	23.19	23.65
132.5	20.20	20.57
135.0	17.31	17.63
137.5	15.59	15.85
140.0	14.02	14.25
142.5	12.49	12.74
145.0	10.97	11.08
147.5	9.294	9.612
150.0	7.666	7.963
152.5	5.932	6.143
155.0	4.133	4.487
157.5	2.616	2.854
160.0	1.294	1.345
162.5	0.7651	0.7696
165.0	0.7833	0.7741
167.5	0.7923	0.7876
170.0	1.001	1.004
172.5	1.073	1.064
175.0	0.8734	0.8517
177.5	0.8737	0.8511
180.0	0.8873	0.8782

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators: yechihong  
 Test Date: 2020-05-25

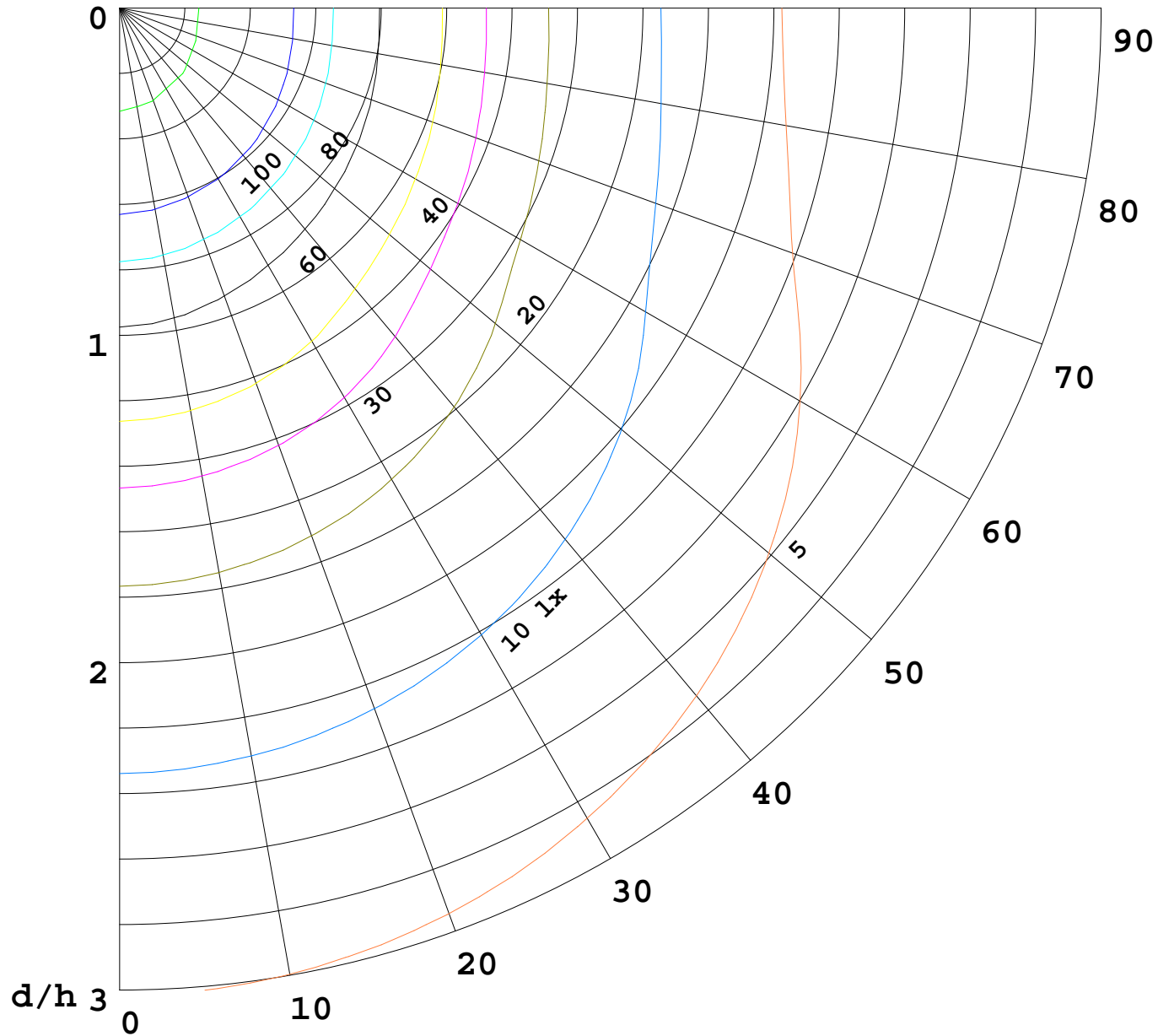
$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.272  
 Humidity: 70%  
 Test Distance: 8.425m [K=1.0000]  
 Remarks:

I(cd)



1000 lm

$K = 1$





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

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

