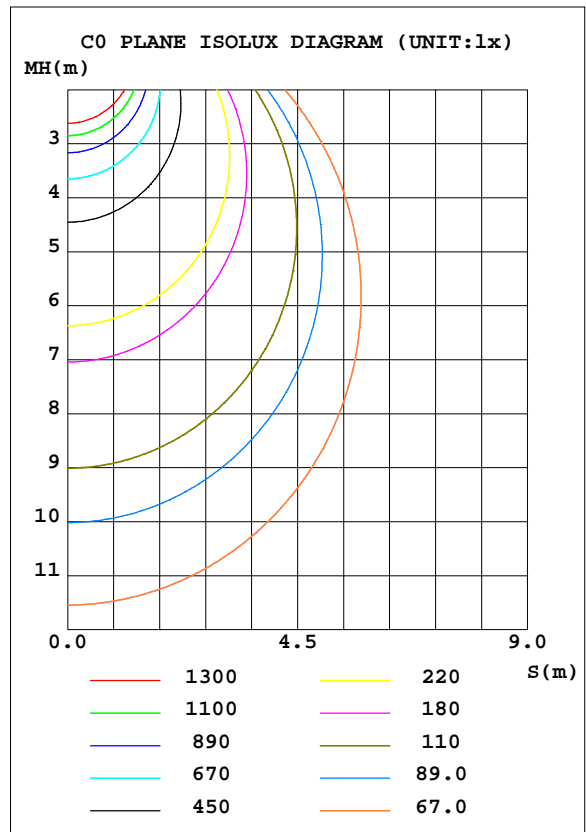
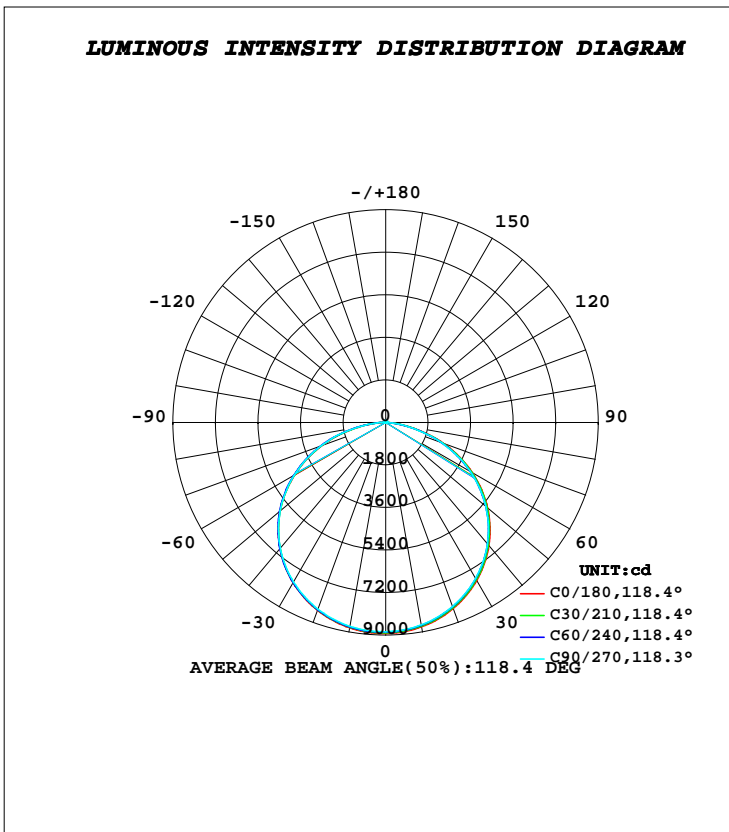


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.9V I:0.9090A P:196.9W PF:0.9800 Lamp Flux:27170.3x1 lm		
NAME: UFO-200W	TYPE:LED	
DIM.: 360*360MM	SUR.:270*270mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 137.99 lm/W			
MODEL	UFO-200W	I _{max} (cd)	8930	S/MH(C0/180)	1.29
NOMINAL POWER(W)	200	LOR(%)	100.0	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	27170	η UP, DN(C0-180)	0.6,47.9
NOMINAL FLUX(lm)	27170.3	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.7,50.8
LAMPS INSIDE	1	η up(%)	1.3	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220.9	η down(%)	98.7	CIBSE SHR MAX	1.35



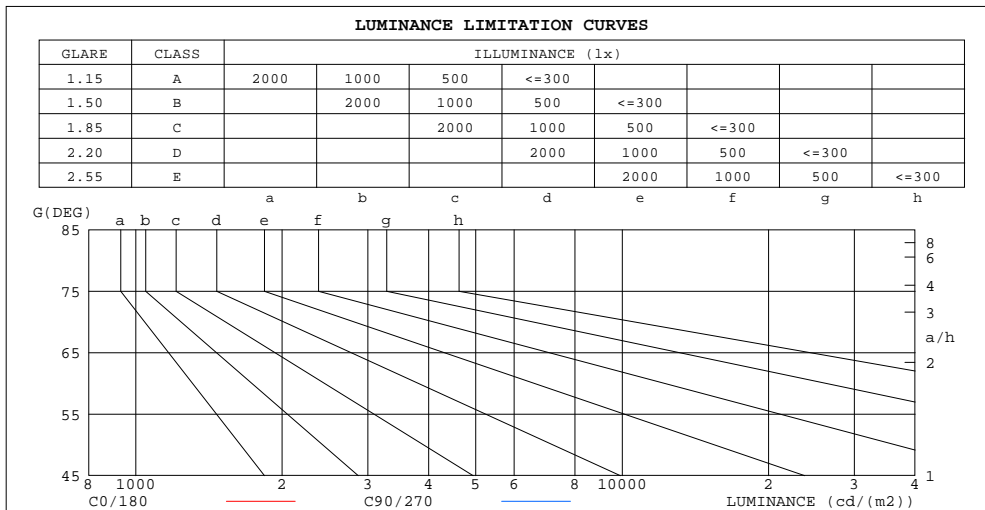
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZHANG
Test Date:2016-06-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.267
Humidity:65.0%
Test Distance:8.000m [K=0.7125]
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
10	8781	8732	8696	8670	8822	8789	8755	8721	0- 10	840.4	840.4	3.09,3.09
20	8376	8319	8282	8264	8456	8434	8404	8366	10- 20	2423	3264	12,12
30	7716	7654	7618	7606	7836	7826	7800	7759	20- 30	3722	6985	25.7,25.7
40	6801	6735	6702	6696	6961	6963	6941	6900	30- 40	4573	11558	42.5,42.5
50	5634	5567	5537	5538	5839	5851	5830	5794	40- 50	4853	16412	60.4,60.4
60	4227	4158	4129	4139	4459	4488	4479	4440	50- 60	4493	20905	76.9,76.9
70	2617	2550	2526	2544	2877	2920	2919	2882	60- 70	3496	24401	89.8,89.8
80	903.5	853.3	845.2	862.9	1171	1214	1214	1187	70- 80	1971	26371	97.1,97.1
90	34.74	34.78	34.73	34.52	47.56	50.67	50.58	49.98	80- 90	435.9	26807	98.7,98.7
100	40.08	40.09	39.95	39.77	51.96	51.43	51.46	51.39	90-100	46.84	26854	98.8,98.8
110	45.30	45.30	45.13	44.96	58.57	57.95	57.88	57.87	100-110	51.50	26906	99,99
120	49.43	49.38	49.33	49.09	64.31	63.63	63.58	63.53	110-120	53.64	26959	99.2,99.2
130	54.54	54.46	54.43	54.18	68.98	68.25	68.17	68.10	120-130	52.79	27012	99.4,99.4
140	60.16	60.21	60.20	59.88	73.15	72.41	72.27	72.19	130-140	49.35	27061	99.6,99.6
150	67.36	67.29	67.29	66.90	77.49	76.63	76.45	76.27	140-150	43.26	27105	99.8,99.8
160	75.47	75.30	75.23	74.80	82.17	81.35	81.11	80.88	150-160	34.65	27139	99.9,99.9
170	81.91	81.78	81.66	81.22	85.72	84.93	84.66	84.35	160-170	22.86	27162	100,100
180	84.98	84.87	84.59	84.21	85.39	84.75	84.30	84.19	170-180	8.017	27170	100,100
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	43477	35472
80	86719	81117
75	110626	105711
70	127551	123100
65	135707	131770
60	140885	137633
55	144103	141305
50	146089	143570
45	147300	144956

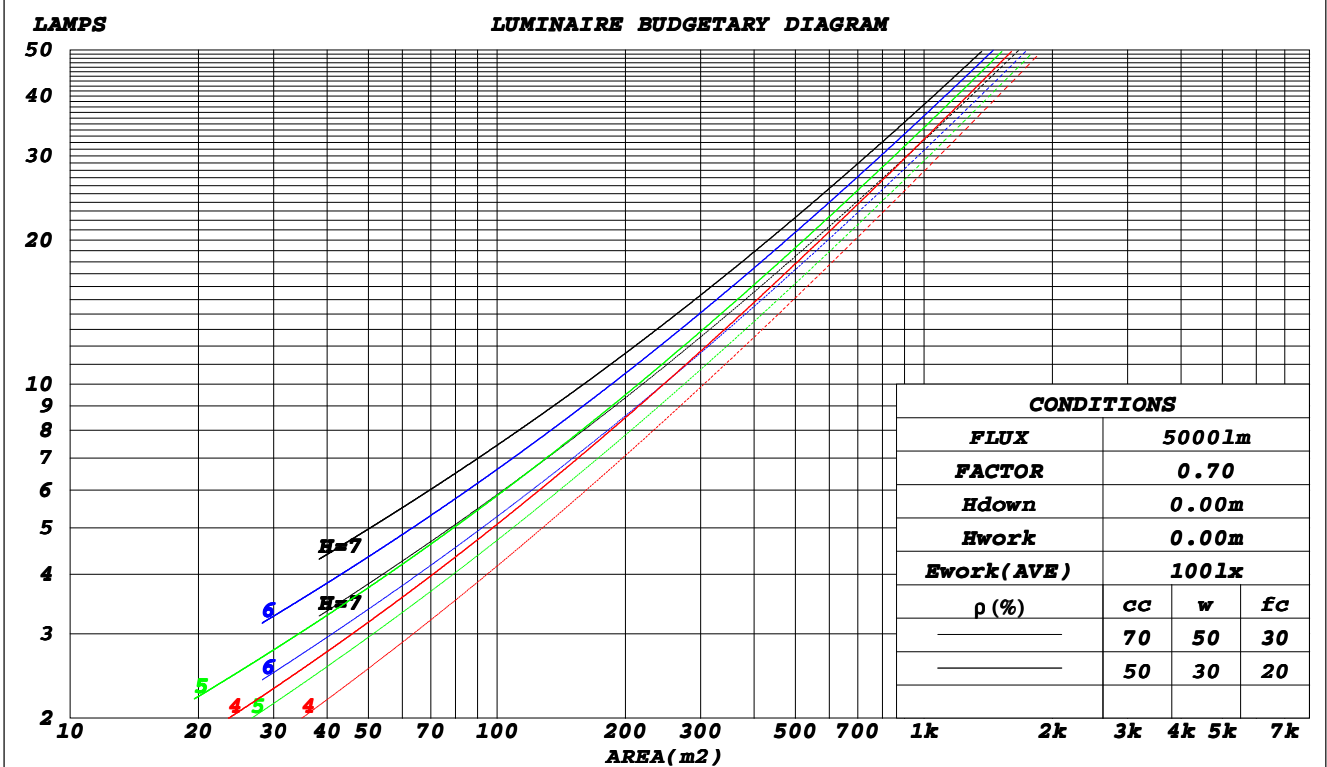
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZHANG
Test Date:2016-06-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.267
Humidity:65.0%
Test Distance:8.000m [K=0.7125]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.9V I:0.9090A P:196.9W PF:0.9800 Lamp Flux:27170.3x1 lm		
NAME: UFO-200W	TYPE:LED	
DIM.: 360*360MM	SUR.:270*270mm	
MFR.:		

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.99
1.0	1.03	.99	.95	1.01	.97	.94	.97	.93	.90	.92	.90	.87	.89	.86	.85	.82
2.0	.90	.83	.77	.88	.81	.76	.84	.79	.74	.81	.76	.72	.77	.74	.70	.68
3.0	.79	.70	.64	.77	.69	.63	.74	.67	.62	.71	.65	.61	.68	.63	.59	.57
4.0	.69	.61	.54	.68	.60	.53	.65	.58	.52	.63	.57	.51	.60	.55	.51	.48
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.56	.50	.44	.54	.48	.44	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.39	.51	.44	.39	.49	.43	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.48	.40	.35	.46	.39	.34	.45	.39	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.44	.36	.31	.42	.36	.31	.41	.35	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.27	.25
10.0	.39	.31	.25	.38	.30	.25	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZHANG
 Test Date:2016-06-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.267
 Humidity:65.0%
 Test Distance:8.000m [K=0.7125]
 Remarks:

WEC AND CCEC

Test:U:220.9V I:0.9090A P:196.9W PF:0.9800 Lamp Flux:27170.3x1 lm		
NAME: UFO-200W	TYPE:LED	
DIM.: 360*360MM	SUR.:270*270mm	
MFR.:		

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.311	.177	.056	.304	.173	.055	.290	.166	.053	.277	.160	.051	.265	.154	.050	
2.0	.294	.161	.049	.288	.158	.049	.275	.153	.048	.264	.148	.046	.253	.143	.045	
3.0	.272	.145	.043	.267	.143	.043	.256	.139	.042	.245	.134	.041	.236	.131	.040	
4.0	.251	.131	.038	.246	.129	.038	.236	.125	.037	.227	.122	.037	.219	.119	.036	
5.0	.232	.118	.034	.228	.117	.034	.219	.114	.034	.211	.111	.033	.203	.109	.033	
6.0	.215	.108	.031	.211	.107	.031	.203	.104	.030	.196	.102	.030	.189	.100	.030	
7.0	.200	.099	.028	.197	.098	.028	.190	.096	.028	.183	.094	.027	.177	.092	.027	
8.0	.187	.091	.026	.184	.090	.026	.177	.089	.025	.171	.087	.025	.166	.085	.025	
9.0	.175	.085	.024	.172	.084	.024	.166	.082	.023	.161	.081	.023	.156	.079	.023	
10.0	.165	.079	.022	.162	.078	.022	.157	.077	.022	.152	.075	.021	.147	.074	.021	

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.201	.201	.201	.171	.171	.171	.117	.117	.117	.067	.067	.067	.021	.021	.021	
1.0	.191	.166	.145	.163	.143	.124	.112	.098	.086	.064	.057	.050	.021	.018	.016	
2.0	.183	.142	.108	.157	.122	.093	.107	.085	.065	.062	.049	.038	.020	.016	.012	
3.0	.175	.125	.084	.150	.108	.073	.103	.075	.051	.060	.044	.030	.019	.014	.010	
4.0	.168	.111	.068	.144	.096	.059	.099	.067	.042	.057	.039	.025	.018	.013	.008	
5.0	.160	.101	.057	.138	.087	.050	.095	.061	.035	.055	.036	.021	.018	.012	.007	
6.0	.153	.093	.049	.132	.080	.043	.091	.056	.030	.053	.033	.018	.017	.011	.006	
7.0	.147	.086	.044	.126	.075	.038	.087	.052	.027	.051	.031	.016	.016	.010	.005	
8.0	.140	.080	.039	.121	.070	.034	.083	.049	.024	.049	.029	.014	.016	.009	.005	
9.0	.134	.075	.036	.115	.065	.031	.080	.046	.022	.047	.027	.013	.015	.009	.004	
10.0	.128	.071	.033	.111	.062	.029	.077	.043	.020	.045	.026	.012	.015	.008	.004	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZHANG
Test Date:2016-06-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.267
Humidity:65.0%
Test Distance:8.000m [K=0.7125]
Remarks:

Uncorrected UGR Table

Test:U:220.9V I:0.9090A P:196.9W PF:0.9800 Lamp Flux:27170.3x1 lm		
NAME: UFO-200W	TYPE:LED	
DIM.: 360*360MM	SUR.:270*270mm	
MFR.:		

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	30.1	31.6	30.4	31.8	32.1	30.0	31.5	30.3	31.7	32.0
3H	31.6	33.0	31.9	33.3	33.6	31.5	32.9	31.8	33.1	33.4
4H	32.2	33.5	32.5	33.8	34.1	32.0	33.3	32.3	33.6	33.9
6H	32.5	33.7	32.8	34.0	34.3	32.3	33.5	32.6	33.8	34.1
8H	32.5	33.7	32.9	34.1	34.4	32.3	33.5	32.7	33.8	34.2
12H	32.5	33.7	32.9	34.0	34.3	32.3	33.5	32.7	33.8	34.1
4H 2H	30.7	32.0	31.0	32.3	32.6	30.6	31.9	30.9	32.2	32.5
3H	32.4	33.6	32.8	33.9	34.2	32.3	33.4	32.6	33.7	34.1
4H	33.0	34.1	33.4	34.4	34.8	32.9	33.9	33.3	34.3	34.6
6H	33.4	34.4	33.9	34.8	35.2	33.2	34.2	33.7	34.6	35.0
8H	33.5	34.4	34.0	34.8	35.2	33.3	34.2	33.7	34.6	35.0
12H	33.5	34.4	34.0	34.8	35.2	33.3	34.1	33.8	34.5	35.0
8H 4H	33.2	34.1	33.7	34.5	34.9	33.1	34.0	33.5	34.4	34.8
6H	33.8	34.5	34.2	34.9	35.4	33.6	34.3	34.0	34.7	35.2
8H	33.9	34.5	34.4	35.0	35.5	33.7	34.3	34.2	34.8	35.2
12H	33.9	34.5	34.4	35.0	35.5	33.7	34.3	34.2	34.7	35.2
12H 4H	33.2	34.0	33.7	34.4	34.9	33.1	33.9	33.5	34.3	34.7
6H	33.8	34.4	34.3	34.9	35.3	33.6	34.2	34.1	34.7	35.2
8H	33.9	34.5	34.4	34.9	35.5	33.7	34.3	34.2	34.7	35.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 27170 lm Total Lamp Luminous Flux.(8log(F/F0) = 11.5)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZHANG
 Test Date:2016-06-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.267
 Humidity:65.0%
 Test Distance:8.000m [K=0.7125]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.9V I:0.9090A P:196.9W PF:0.9800 Lamp Flux:27170.3x1 lm		
NAME: UFO-200W	TYPE:LED	
DIM.: 360*360MM	SUR.:270*270mm	
MFR.:		

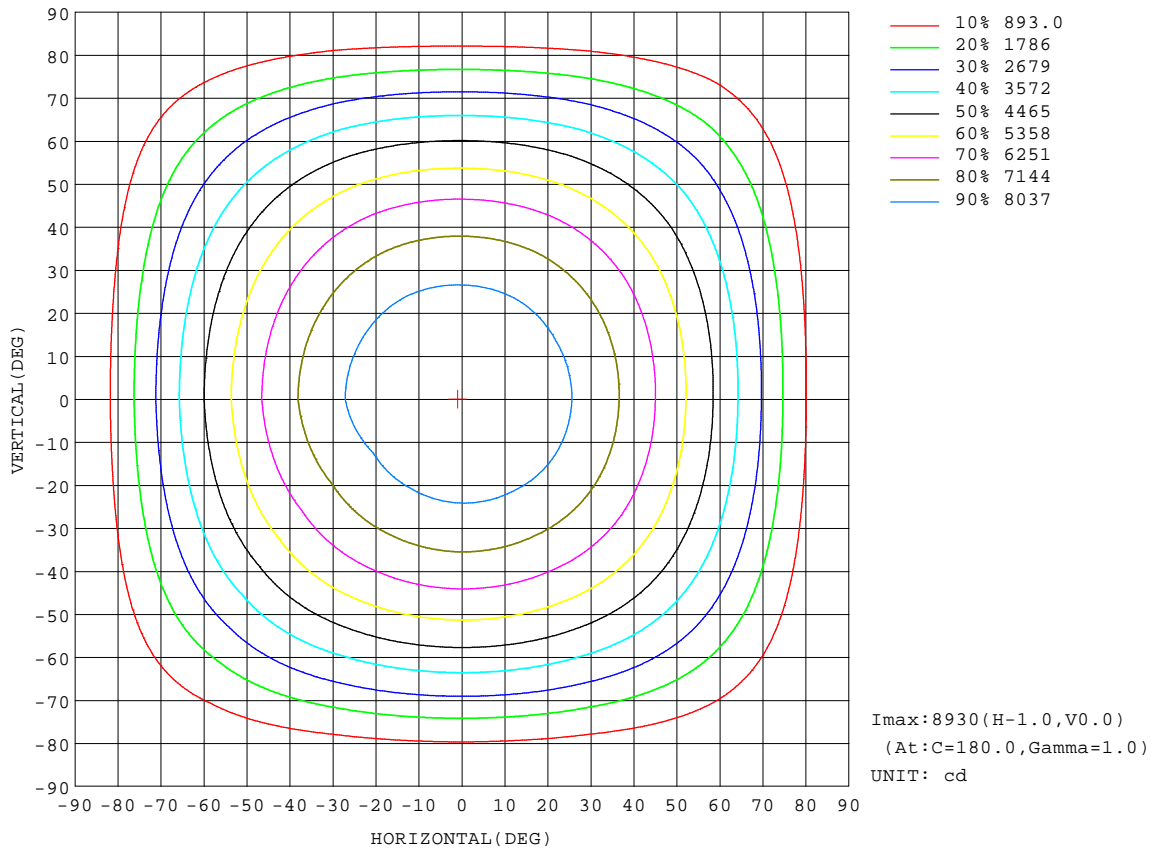
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	56	44	37	55	44	37	54	44	37	31
0.80	66	54	47	65	54	47	63	53	46	39
1.00	75	64	56	74	63	56	71	64	55	48
1.25	82	71	64	80	71	64	78	69	63	55
1.50	87	77	70	85	76	69	82	74	68	60
2.00	94	85	79	92	84	78	88	82	76	68
2.50	98	90	84	96	89	83	92	86	81	72
3.00	102	95	89	99	93	88	95	90	85	77
4.00	106	100	95	103	98	94	99	94	91	82
5.00	108	103	99	106	101	97	101	97	94	85
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZHANG
Test Date:2016-06-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.267
Humidity:65.0%
Test Distance:8.000m [K=0.7125]
Remarks:

ISOCANDELA DIAGRAM

Test:U:220.9V I:0.9090A P:196.9W PF:0.9800 Lamp Flux:27170.3x1 lm		
NAME: UFO-200W	TYPE:LED	
DIM.: 360*360MM	SUR.:270*270mm	
MFR.:		

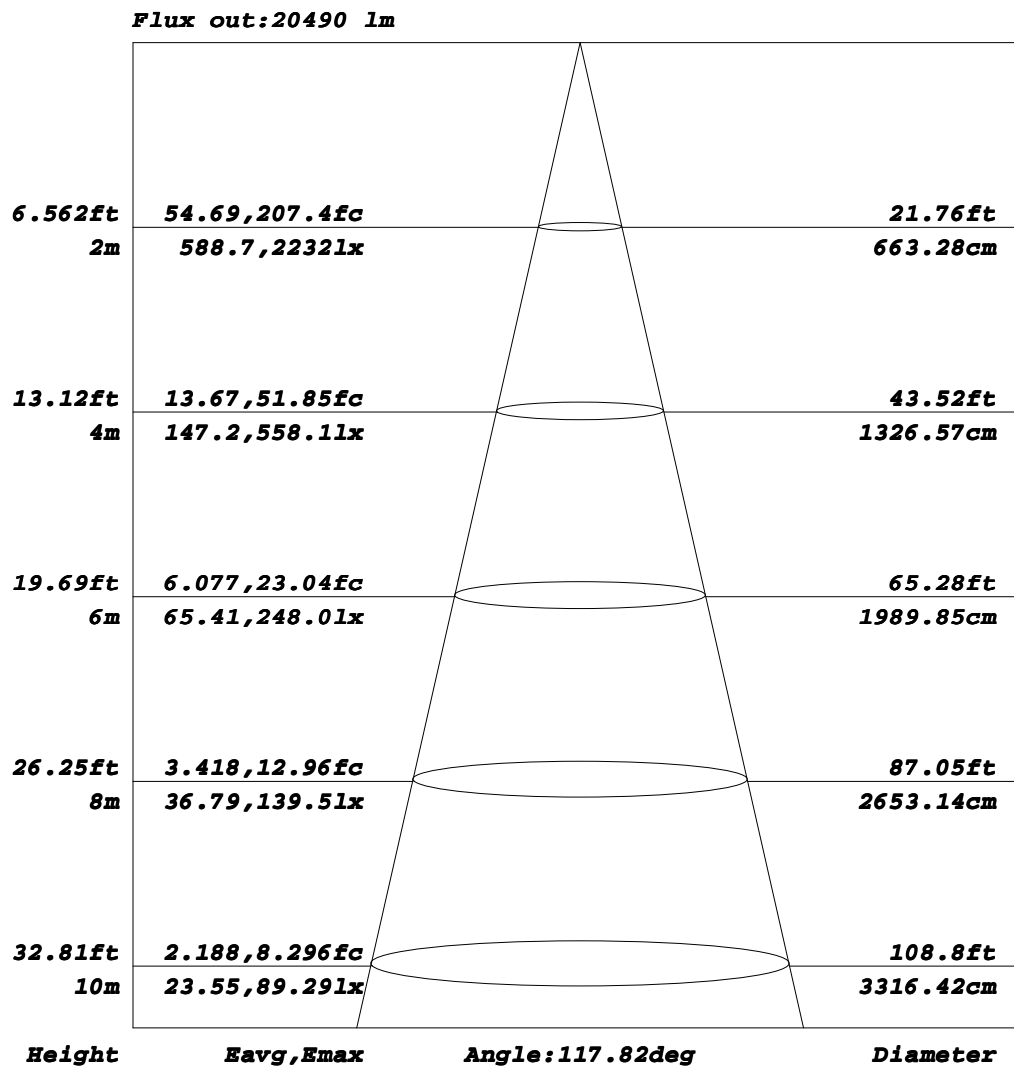


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZHANG
Test Date:2016-06-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.267
Humidity:65.0%
Test Distance:8.000m [K=0.7125]
Remarks:

AAI Figure

Test:U:220.9V I:0.9090A P:196.9W PF:0.9800 Lamp Flux:27170.3x1 lm		
NAME: UFO-200W	TYPE:LED	
DIM.: 360*360MM	SUR.:270*270mm	
MFR.:		



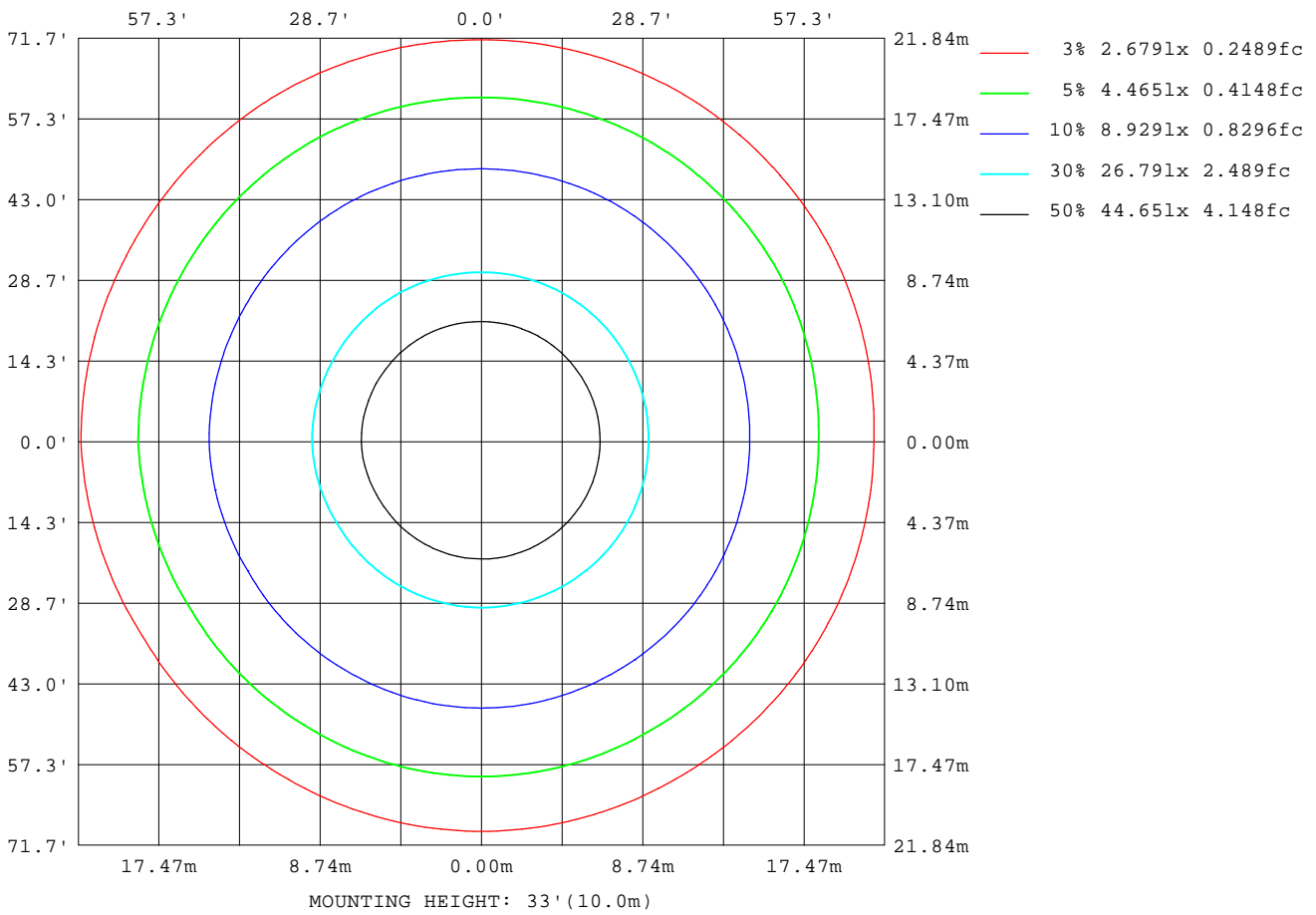
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZHANG
Test Date: 2016-06-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.267
Humidity: 65.0%
Test Distance: 8.000m [K=0.7125]
Remarks:

ISOLUX DIAGRAM

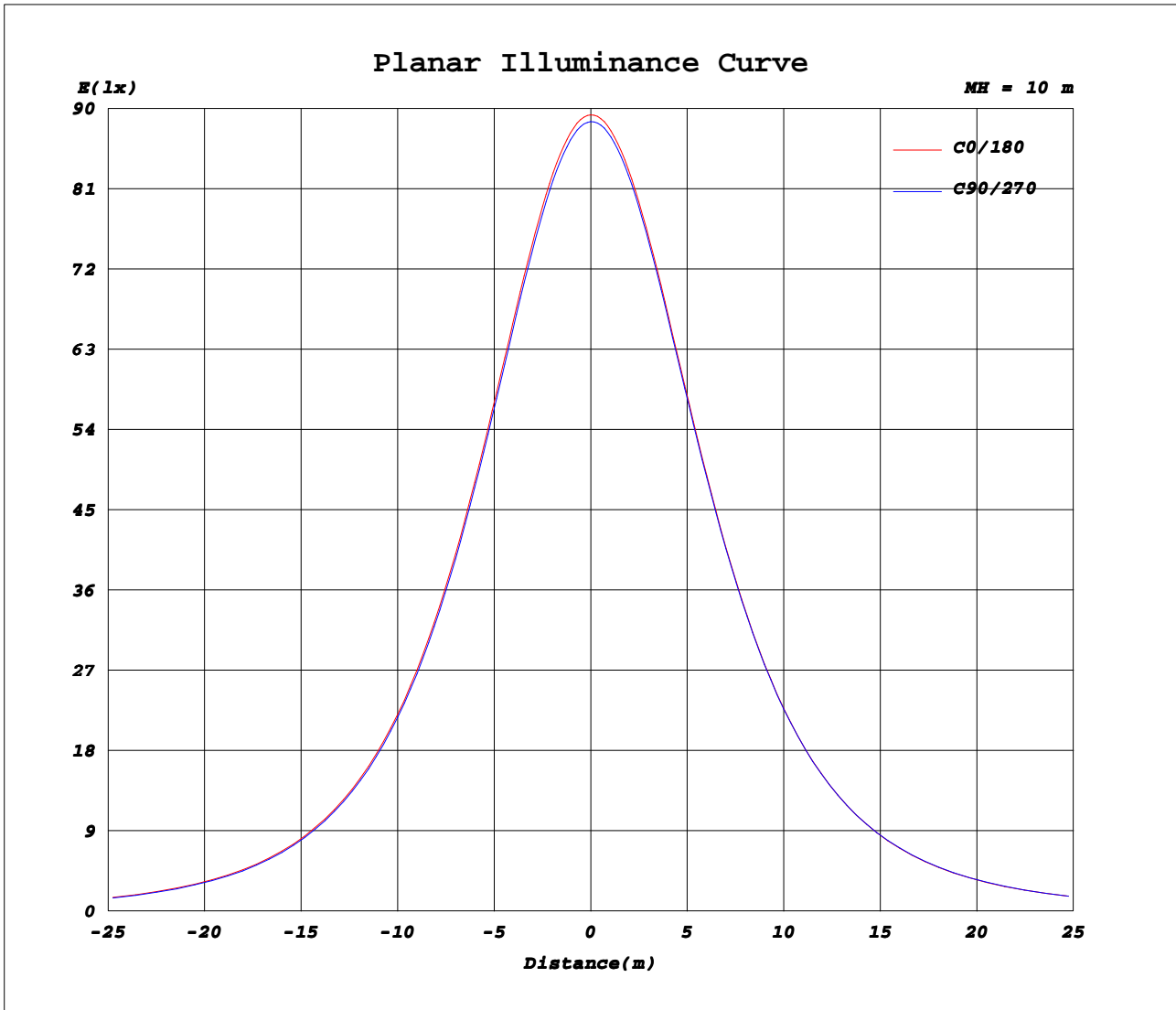
Test:U:220.9V I:0.9090A P:196.9W PF:0.9800 Lamp Flux:27170.3x1 lm		
NAME: UFO-200W	TYPE:LED	
DIM.: 360*360MM	SUR.:270*270mm	
MFR.:		



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZHANG
Test Date:2016-06-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.267
Humidity:65.0%
Test Distance:8.000m [K=0.7125]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZHANG
Test Date: 2016-06-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.267
Humidity: 65.0%
Test Distance: 8.000m [K=0.7125]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.9V I:0.9090A P:196.9W PF:0.9800 Lamp Flux:27170.3x1 lm		
NAME: UFO-200W	TYPE:LED	
DIM.: 360*360MM	SUR.:270*270mm	
MFR.:		

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	8929	8901	8876	8854	8832	8814	8929	8901	8876	8854	8832	8814							
5	8888	8858	8827	8807	8785	8772	8908	8881	8860	8836	8816	8791							
10	8781	8750	8714	8696	8674	8667	8822	8796	8782	8755	8737	8706							
15	8610	8578	8538	8522	8499	8499	8670	8648	8638	8611	8593	8557							
20	8376	8340	8298	8282	8261	8266	8456	8437	8432	8404	8387	8346							
25	8077	8041	7993	7981	7960	7971	8178	8162	8162	8133	8117	8071							
30	7716	7680	7627	7618	7597	7615	7836	7823	7829	7800	7784	7734							
35	7289	7254	7197	7191	7169	7195	7431	7420	7434	7402	7389	7334							
40	6801	6765	6705	6702	6680	6713	6961	6954	6972	6941	6929	6870							
45	6249	6214	6151	6150	6129	6167	6428	6423	6449	6416	6408	6343							
50	5634	5601	5533	5537	5515	5560	5839	5831	5870	5830	5831	5756							
55	4959	4926	4857	4863	4842	4897	5177	5173	5217	5179	5181	5103							
60	4227	4193	4122	4129	4111	4166	4459	4467	4510	4479	4476	4403							
65	3441	3404	3336	3341	3329	3385	3692	3704	3750	3722	3721	3647							
70	2617	2584	2516	2526	2513	2576	2877	2895	2944	2919	2918	2846							
75	1718	1688	1619	1642	1624	1700	2032	2054	2114	2090	2092	2003							
80	904	887	820	845	825	900	1171	1189	1239	1214	1220	1154							
85	227	209	178	185	191	230	433	451	495	468	475	421							
90	34.7	34.6	34.9	34.7	34.7	34.4	47.6	49.1	52.3	50.6	49.8	50.2							
95	37.4	37.3	37.5	37.3	37.2	37.0	48.7	48.3	48.0	48.1	48.0	48.3							
100	40.1	40.0	40.2	40.0	39.9	39.6	52.0	51.6	51.2	51.5	51.2	51.6							
105	42.8	42.7	42.9	42.6	42.6	42.3	55.3	54.9	54.6	54.7	54.5	54.8							
110	45.3	45.2	45.4	45.1	45.1	44.8	58.6	58.1	57.8	57.9	57.8	58.0							
115	47.3	47.2	47.3	47.2	47.1	46.8	61.6	61.1	60.8	60.9	60.8	60.9							
120	49.4	49.3	49.4	49.3	49.2	49.0	64.3	63.8	63.5	63.6	63.5	63.6							
125	51.8	51.7	51.8	51.7	51.6	51.3	66.8	66.2	65.9	66.0	65.9	65.9							
130	54.5	54.4	54.5	54.4	54.3	54.0	69.0	68.4	68.1	68.2	68.1	68.1							
135	57.3	57.2	57.3	57.3	57.1	56.8	71.1	70.5	70.2	70.2	70.2	70.2							
140	60.2	60.1	60.3	60.2	60.0	59.7	73.1	72.6	72.3	72.3	72.2	72.2							
145	63.5	63.5	63.6	63.5	63.4	63.0	75.3	74.6	74.3	74.3	74.2	74.1							
150	67.4	67.2	67.4	67.3	67.1	66.7	77.5	76.8	76.5	76.4	76.4	76.2							
155	71.4	71.2	71.4	71.3	71.0	70.7	79.8	79.1	78.8	78.8	78.7	78.4							
160	75.5	75.2	75.4	75.2	74.9	74.7	82.2	81.5	81.2	81.1	81.0	80.7							
165	79.0	78.8	78.9	78.7	78.4	78.2	84.2	83.6	83.2	83.1	83.0	82.7							
170	81.9	81.7	81.8	81.7	81.3	81.1	85.7	85.1	84.8	84.7	84.5	84.2							
175	83.8	83.7	83.6	83.5	83.2	83.0	85.9	85.4	85.1	84.9	84.9	84.4							
180	85.0	85.0	84.8	84.6	84.2	84.2	85.4	84.8	84.7	84.3	84.4	84.0							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZHANG
Test Date:2016-06-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.267
Humidity:65.0%
Test Distance:8.000m [K=0.7125]
Remarks:

Photometric Data Table [cd]

G/C	0.0	30.0	60.0	90.0	120.0	150.0	180.0	210.0	240.0	270.0
0.0	8929	8901	8876	8854	8832	8814	8929	8901	8876	8854
3.0	8912	8883	8854	8833	8811	8797	8925	8897	8874	8851
6.0	8872	8841	8809	8789	8768	8756	8896	8869	8850	8825
9.0	8807	8777	8742	8723	8701	8693	8844	8817	8802	8776
12.0	8720	8688	8651	8634	8611	8606	8769	8744	8732	8705
15.0	8610	8578	8538	8522	8499	8499	8670	8648	8638	8611
18.0	8477	8443	8400	8386	8363	8366	8550	8529	8522	8494
21.0	8320	8287	8241	8228	8206	8213	8406	8385	8383	8354
24.0	8142	8108	8060	8048	8025	8037	8239	8221	8221	8192
27.0	7940	7906	7855	7845	7822	7838	8049	8032	8037	8007
30.0	7716	7680	7627	7618	7597	7615	7836	7823	7829	7800
33.0	7468	7433	7378	7370	7348	7372	7602	7590	7601	7570
36.0	7197	7162	7103	7099	7076	7104	7341	7330	7346	7313
39.0	6905	6868	6810	6805	6784	6815	7060	7052	7069	7038
42.0	6587	6550	6490	6487	6466	6500	6755	6749	6771	6739
45.0	6249	6214	6151	6150	6129	6167	6428	6423	6449	6416
48.0	5887	5853	5787	5788	5767	5811	6079	6077	6108	6075
51.0	5504	5470	5402	5405	5384	5431	5710	5707	5743	5708
54.0	5098	5063	4996	4999	4981	5031	5313	5313	5352	5317
57.0	4672	4638	4568	4574	4555	4608	4895	4900	4940	4908
60.0	4227	4193	4122	4129	4111	4166	4459	4467	4510	4479
63.0	3758	3724	3655	3646	3616	3712	4005	4013	4060	4029
66.0	3278	3245	3174	3185	3168	3233	3530	3542	3592	3562
69.0	2785	2751	2683	2693	2679	2741	3043	3058	3109	3081
72.0	2283	2254	2182	2199	2181	2248	2545	2560	2614	2586
75.0	1718	1688	1619	1642	1624	1700	2032	2054	2114	2090
78.0	1228	1197	1140	1150	1142	1205	1483	1505	1561	1538
81.0	750.3	726.5	665.3	687.4	675.5	745.1	1017	1032	1085	1064
84.0	344.5	319.9	277.9	290.8	292.0	341.8	565.1	583.7	631.0	606.1
87.0	51.14	44.44	61.64	42.70	66.19	58.54	208.6	221.2	254.1	235.5
90.0	34.74	34.64	34.91	34.73	34.65	34.39	47.56	49.08	52.26	50.58
93.0	36.30	36.21	36.48	36.27	36.20	35.91	47.38	47.00	46.69	46.82
96.0	37.90	37.80	38.07	37.82	37.78	37.48	49.35	48.97	48.64	48.78
99.0	39.53	39.41	39.66	39.41	39.39	39.07	51.36	50.95	50.63	50.78
102.0	41.18	41.07	41.30	41.02	41.01	40.70	53.34	52.92	52.60	52.75
105.0	42.78	42.68	42.89	42.61	42.61	42.29	55.31	54.91	54.55	54.72
108.0	44.35	44.24	44.44	44.16	44.16	43.85	57.29	56.85	56.50	56.63
111.0	45.73	45.64	45.80	45.57	45.54	45.25	59.20	58.75	58.40	58.51
114.0	46.91	46.82	46.97	46.77	46.72	46.45	61.02	60.54	60.20	60.31
117.0	48.09	47.99	48.12	47.96	47.89	47.62	62.73	62.24	61.90	62.02
120.0	49.43	49.32	49.44	49.33	49.22	48.96	64.31	63.79	63.47	63.58
123.0	50.87	50.73	50.85	50.77	50.62	50.37	65.79	65.23	64.95	65.03
126.0	52.32	52.18	52.29	52.22	52.09	51.81	67.22	66.64	66.34	66.43
129.0	53.96	53.82	53.93	53.85	53.76	53.45	68.57	67.98	67.69	67.75
132.0	55.68	55.57	55.66	55.62	55.47	55.17	69.84	69.25	68.95	68.99
135.0	57.31	57.24	57.35	57.30	57.14	56.83	71.05	70.50	70.17	70.23
138.0	58.98	58.94	59.06	59.00	58.83	58.52	72.30	71.74	71.41	71.46
141.0	60.80	60.77	60.90	60.83	60.68	60.34	73.57	72.97	72.66	72.66
144.0	62.82	62.76	62.90	62.80	62.67	62.30	74.81	74.16	73.86	73.85
147.0	65.04	64.93	65.08	64.98	64.84	64.45	76.14	75.43	75.13	75.11
150.0	67.36	67.21	67.37	67.29	67.09	66.72	77.49	76.78	76.47	76.45
153.0	69.79	69.57	69.79	69.66	69.43	69.09	78.89	78.17	77.87	77.84
156.0	72.23	71.98	72.21	72.07	71.80	71.50	80.29	79.60	79.30	79.25
159.0	74.67	74.37	74.61	74.43	74.16	73.86	81.71	81.02	80.71	80.65
162.0	76.99	76.74	76.92	76.73	76.43	76.16	83.05	82.40	82.07	81.99
165.0	78.95	78.80	78.93	78.74	78.43	78.20	84.21	83.55	83.22	83.12
168.0	80.74	80.62	80.72	80.53	80.21	79.97	85.16	84.53	84.20	84.09
171.0	82.44	82.30	82.32	82.19	81.85	81.62	85.96	85.34	85.02	84.91
174.0	83.61	83.48	83.42	83.29	82.95	82.81	86.00	85.42	85.11	84.96
177.0	84.25	84.17	84.05	83.88	83.56	83.45	85.75	85.24	84.96	84.78
180.0	84.98	84.98	84.76	84.59	84.24	84.18	85.39	84.80	84.70	84.30
G/C	300.0	330.0								
0.0	8832	8814								
3.0	8830	8808								
6.0	8806	8779								
9.0	8758	8727								
12.0	8687	8654								
15.0	8593	8557								
18.0	8477	8438								
21.0	8337	8295								
24.0	8176	8131								
27.0	7992	7943								
30.0	7784	7734								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: ZHANG
 Test Date: 2016-06-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.267
 Humidity: 65.0%
 Test Distance: 8.000m [K=0.7125]
 Remarks:

Photometric Data Table [cd]

33.0	7555	7502
36.0	7302	7245
39.0	7026	6968
42.0	6729	6667
45.0	6408	6343
48.0	6068	6001
51.0	5705	5634
54.0	5315	5242
57.0	4904	4833
60.0	4476	4403
63.0	4029	3954
66.0	3562	3488
69.0	3082	3008
72.0	2590	2514
75.0	2092	2003
78.0	1539	1466
81.0	1066	991.1
84.0	613.4	546.9
87.0	237.5	192.1
90.0	49.76	50.19
93.0	46.75	47.02
96.0	48.67	48.95
99.0	50.62	50.90
102.0	52.58	52.85
105.0	54.50	54.80
108.0	56.47	56.71
111.0	58.40	58.58
114.0	60.22	60.36
117.0	61.92	62.04
120.0	63.48	63.57
123.0	64.93	65.01
126.0	66.32	66.39
129.0	67.68	67.70
132.0	68.93	68.93
135.0	70.15	70.16
138.0	71.38	71.39
141.0	72.64	72.54
144.0	73.82	73.69
147.0	75.06	74.88
150.0	76.39	76.16
153.0	77.76	77.50
156.0	79.16	78.89
159.0	80.55	80.28
162.0	81.88	81.62
165.0	82.99	82.70
168.0	83.95	83.64
171.0	84.77	84.41
174.0	84.89	84.43
177.0	84.70	84.21
180.0	84.37	84.02

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZHANG
Test Date: 2016-06-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.267
Humidity: 65.0%
Test Distance: 8.000m [K=0.7125]
Remarks: