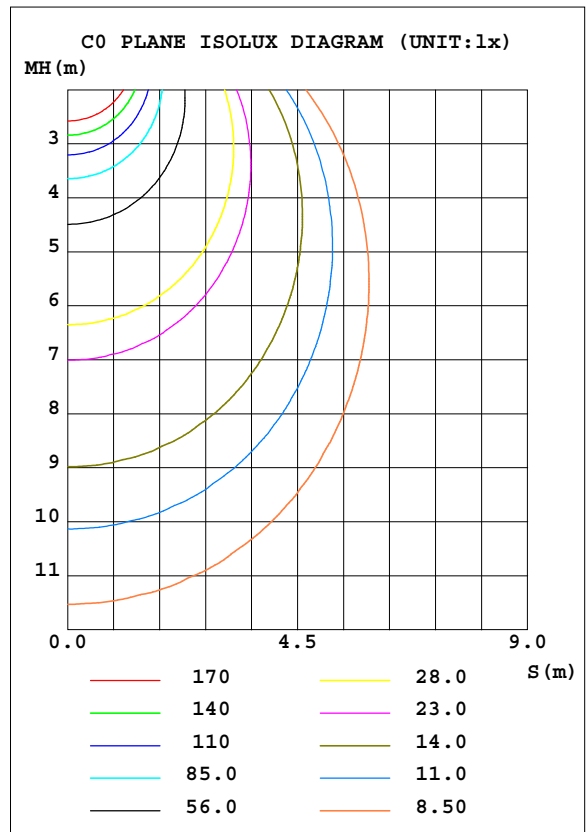
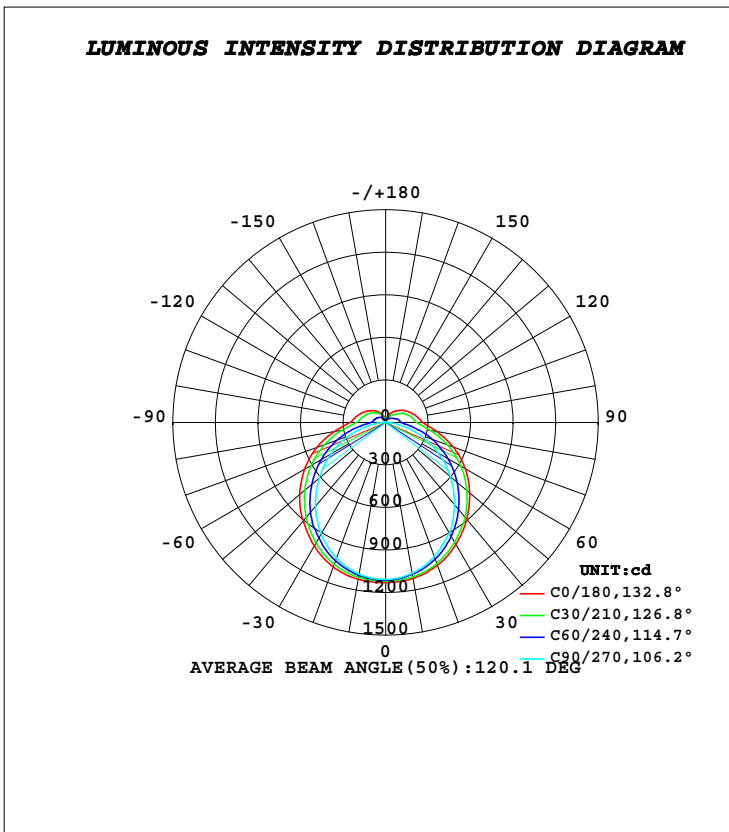


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:222.6V I:0.1700A P:36.20W PF:0.9580 Lamp Flux:4191.78x1 lm		
NAME: ULTRI36W	TYPE:LED	
DIM.: 1200*67*60MM		
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 115.80 lm/W			
MODEL	ULTRI36W	I _{max} (cd)	1131	S/MH (C0/180)	1.31
NOMINAL POWER (W)	36	LOR (%)	100.0	S/MH (C90/270)	1.21
RATED VOLTAGE (V)	222	TOTAL FLUX (lm)	4191.8	η UP, DN (C0-180)	6.8, 42.6
NOMINAL FLUX (lm)	4191.78	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	6.8, 43.8
LAMPS INSIDE	1	η up (%)	13.7	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	222.6	η down (%)	86.3	CIBSE SHR MAX	1.35



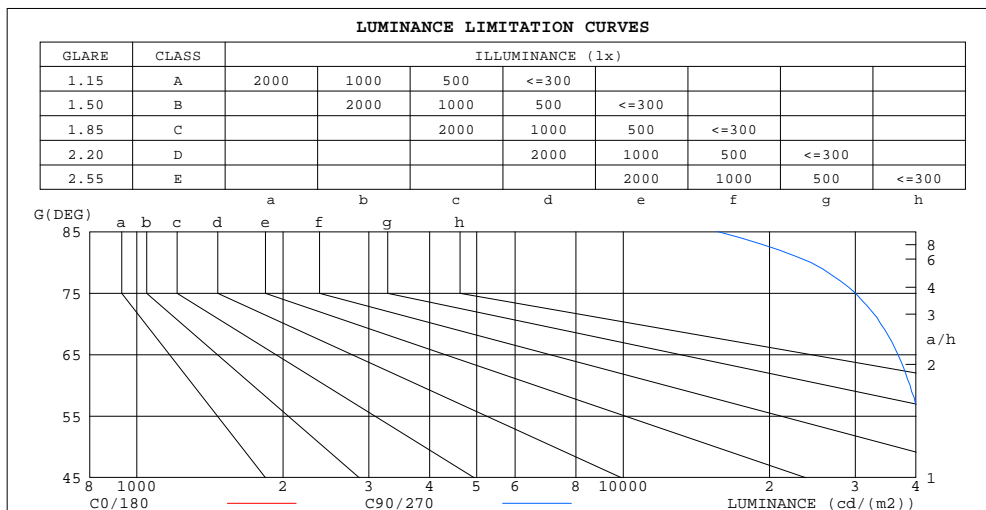
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZHANG
Test Date: 2016-05-14

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	1117	1096	1080	1083	1123	1102	1086	1089	0- 10	105.4	105.4	2.51,2.51
20	1072	1040	1005	1028	1084	1051	1018	1039	10- 20	303.0	408.3	9.74,9.74
30	991.0	949.8	899.3	937.1	1004	962.8	909.3	955.3	20- 30	461.0	869.4	20.7,20.7
40	890.6	836.6	757.4	822.4	904.4	848.3	770.2	847.2	30- 40	560.9	1430	34.1,34.1
50	773.5	702.9	596.7	687.4	792.2	712.6	612.6	718.1	40- 50	594.8	2025	48.3,48.3
60	647.7	559.1	427.8	542.6	660.9	566.3	445.4	577.3	50- 60	563.5	2589	61.8,61.8
70	507.3	408.8	254.8	391.7	516.8	412.2	278.8	429.0	60- 70	475.7	3064	73.1,73.1
80	365.2	258.7	92.81	242.2	366.7	260.5	113.1	281.2	70- 80	344.7	3409	81.3,81.3
90	263.6	164.4	6.209	152.1	254.5	154.5	8.448	174.7	80- 90	210.6	3620	86.3,86.3
100	228.0	144.0	6.648	132.4	217.0	132.3	8.144	142.1	90-100	152.3	3772	90,90
110	196.1	120.7	7.121	115.1	187.9	116.0	8.855	123.7	100-110	128.4	3900	93,93
120	165.4	96.76	7.759	98.71	159.7	100.0	9.531	102.1	110-120	102.7	4003	95.5,95.5
130	134.9	69.92	8.384	82.22	132.7	84.06	10.13	75.71	120-130	76.53	4079	97.3,97.3
140	106.6	51.45	9.302	65.68	105.6	67.99	10.64	56.09	130-140	52.51	4132	98.6,98.6
150	76.36	38.35	10.16	49.69	78.40	51.42	11.32	41.24	140-150	32.91	4165	99.4,99.4
160	52.15	27.76	11.08	33.77	53.25	35.75	11.80	29.60	150-160	17.94	4183	99.8,99.8
170	20.26	19.15	11.82	19.45	29.05	20.99	12.17	20.04	160-170	7.428	4190	100,100
180	11.80	11.87	12.08	12.16	11.81	11.85	12.02	12.14	170-180	1.538	4192	100,100
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	158142	15641
80	95591	24294
75	76222	30034
70	67415	33857
65	62223	36709
60	58884	38888
55	56366	40645
50	54700	42192
45	53644	43638

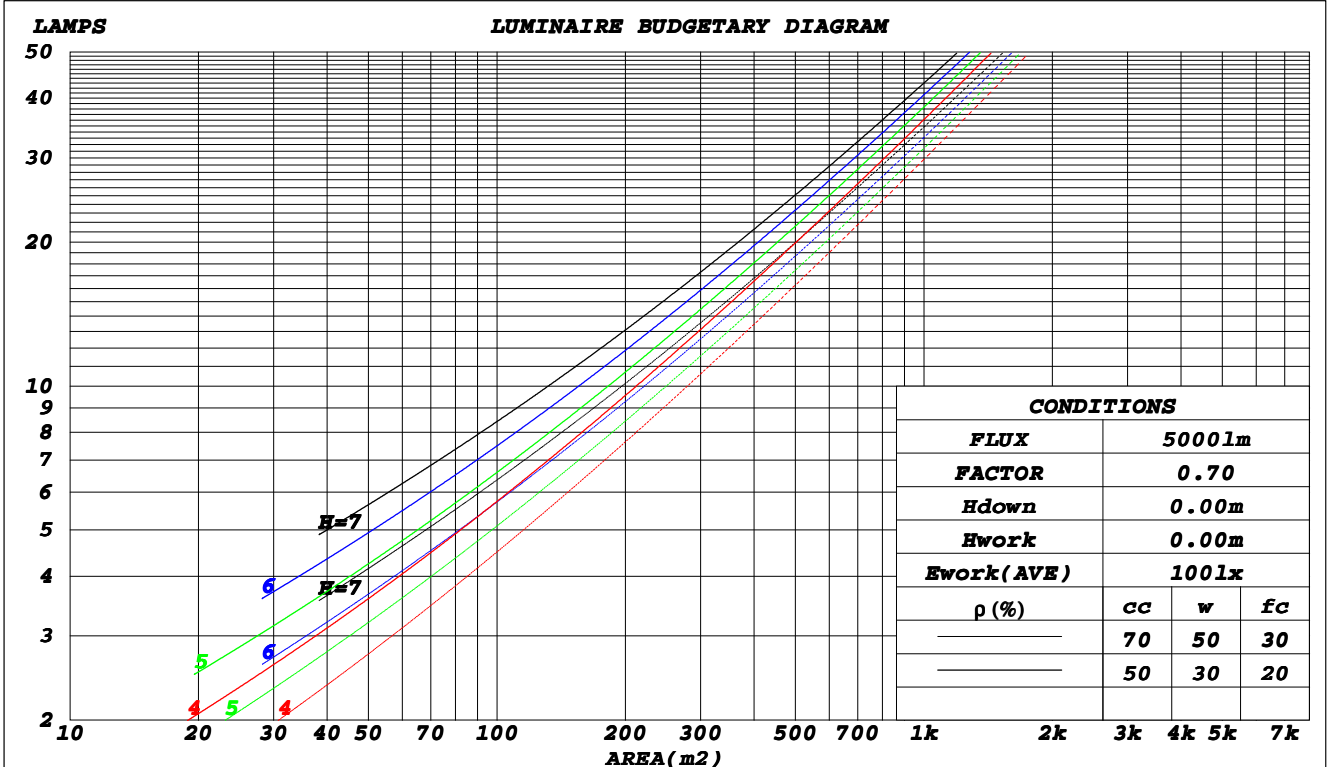
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZHANG
Test Date: 2016-05-14

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:222.6V I:0.1700A P:36.20W PF:0.9580 Lamp Flux:4191.78x1 lm		
NAME: ULTRI36W	TYPE:LED	
DIM.: 1200*67*60MM		
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	1.16	1.16	1.16	1.12	1.12	1.12	1.04	1.04	1.04	.96	.96	.96	.90	.90	.90	.86
1.0	.98	.94	.89	.95	.90	.86	.88	.84	.81	.82	.79	.76	.76	.74	.72	.69
2.0	.85	.77	.71	.82	.75	.69	.76	.70	.66	.71	.66	.62	.66	.62	.59	.56
3.0	.74	.65	.59	.71	.63	.57	.66	.60	.54	.62	.56	.52	.58	.53	.49	.46
4.0	.65	.56	.49	.63	.55	.48	.59	.52	.46	.55	.49	.44	.51	.46	.42	.39
5.0	.58	.49	.42	.56	.48	.41	.52	.45	.39	.49	.43	.38	.46	.40	.36	.34
6.0	.52	.43	.36	.50	.42	.36	.47	.40	.34	.44	.38	.33	.41	.36	.32	.29
7.0	.47	.38	.32	.46	.37	.31	.43	.35	.30	.40	.34	.29	.38	.32	.28	.26
8.0	.43	.34	.28	.42	.33	.28	.39	.32	.27	.37	.30	.26	.35	.29	.25	.23
9.0	.39	.31	.25	.38	.30	.25	.36	.29	.24	.34	.28	.23	.32	.26	.22	.20
10.0	.36	.28	.23	.35	.28	.22	.33	.26	.22	.31	.25	.21	.30	.24	.20	.18



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: ZHANG
 Test Date: 2016-05-14

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:222.6V I:0.1700A P:36.20W PF:0.9580 Lamp Flux:4191.78x1 lm		
NAME: ULTRI36W	TYPE:LED	
DIM.: 1200*67*60MM		
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	.351	.200	.063	.340	.194	.062	.319	.183	.058	.299	.173	.055	.281	.163	.053	
2.0	.314	.172	.053	.303	.167	.051	.284	.158	.049	.267	.150	.047	.251	.142	.045	
3.0	.283	.151	.045	.274	.147	.044	.257	.139	.042	.241	.132	.040	.226	.125	.039	
4.0	.257	.134	.039	.249	.130	.039	.234	.124	.037	.219	.118	.036	.206	.112	.034	
5.0	.236	.120	.035	.228	.117	.034	.214	.111	.033	.201	.106	.032	.189	.101	.030	
6.0	.217	.109	.031	.210	.106	.031	.197	.101	.029	.186	.096	.028	.174	.092	.027	
7.0	.201	.099	.028	.195	.097	.028	.183	.093	.027	.172	.088	.026	.162	.084	.025	
8.0	.187	.091	.026	.181	.089	.025	.171	.085	.024	.161	.081	.023	.151	.078	.023	
9.0	.175	.084	.024	.169	.083	.023	.160	.079	.022	.150	.075	.022	.142	.072	.021	
10.0	.164	.078	.022	.159	.077	.021	.150	.073	.021	.141	.070	.020	.133	.067	.019	

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																
1.0	.294	.294	.294	.252	.252	.252	.172	.172	.172	.099	.099	.099	.032	.032	.032	
2.0	.281	.237	.201	.240	.204	.174	.165	.141	.121	.095	.082	.071	.030	.027	.023	
3.0	.273	.221	.179	.234	.190	.155	.161	.132	.109	.093	.077	.064	.030	.025	.021	
4.0	.265	.208	.164	.228	.180	.142	.157	.125	.100	.091	.073	.059	.029	.024	.019	
5.0	.258	.198	.153	.222	.171	.133	.153	.120	.094	.088	.070	.056	.028	.023	.018	
6.0	.251	.190	.146	.215	.164	.127	.149	.115	.090	.086	.068	.053	.028	.022	.018	
7.0	.244	.183	.140	.210	.159	.122	.145	.111	.087	.084	.066	.052	.027	.021	.017	
8.0	.237	.177	.136	.204	.154	.119	.141	.108	.084	.082	.064	.050	.027	.021	.017	
9.0	.231	.173	.133	.199	.150	.116	.138	.105	.082	.080	.062	.049	.026	.020	.016	
10.0	.225	.168	.131	.194	.146	.114	.135	.103	.081	.079	.061	.048	.025	.020	.016	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZHANG
 Test Date:2016-05-14

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:222.6V I:0.1700A P:36.20W PF:0.9580 Lamp Flux:4191.78x1 lm		
NAME: ULTRI36W	TYPE:LED	
DIM.: 1200*67*60MM		
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	26.3	27.7	26.8	28.2	28.6	24.7	26.1	25.2	26.6	27.0
3H	28.5	29.8	29.0	30.3	30.8	26.2	27.4	26.6	27.9	28.4
4H	29.7	30.9	30.2	31.4	31.9	26.7	27.9	27.2	28.4	28.9
6H	30.9	32.0	31.4	32.5	33.1	27.0	28.2	27.5	28.7	29.2
8H	31.5	32.6	32.1	33.1	33.7	27.1	28.2	27.6	28.7	29.3
12H	32.3	33.3	32.8	33.8	34.4	27.1	28.2	27.7	28.7	29.3
4H 2H	26.9	28.1	27.4	28.6	29.1	25.7	26.9	26.2	27.4	27.9
3H	29.3	30.4	29.9	30.9	31.5	27.3	28.4	27.9	28.9	29.5
4H	30.6	31.6	31.2	32.1	32.8	28.0	29.0	28.6	29.5	30.2
6H	32.0	32.9	32.6	33.5	34.1	28.5	29.4	29.1	30.0	30.6
8H	32.8	33.6	33.4	34.2	34.8	28.7	29.5	29.3	30.1	30.7
12H	33.6	34.4	34.3	35.0	35.7	28.7	29.5	29.4	30.1	30.8
8H 4H	30.9	31.7	31.5	32.3	33.0	28.7	29.5	29.3	30.1	30.8
6H	32.6	33.2	33.2	33.9	34.6	29.5	30.2	30.1	30.8	31.5
8H	33.5	34.1	34.2	34.8	35.5	29.8	30.4	30.5	31.1	31.8
12H	34.6	35.1	35.3	35.8	36.6	30.0	30.5	30.7	31.2	32.0
12H 4H	30.9	31.7	31.5	32.3	33.0	28.9	29.7	29.5	30.3	31.0
6H	32.6	33.2	33.3	33.9	34.6	29.9	30.5	30.5	31.1	31.8
8H	33.7	34.2	34.4	34.9	35.6	30.3	30.8	31.0	31.5	32.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 4192 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.0)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZHANG
Test Date:2016-05-14

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:222.6V I:0.1700A P:36.20W PF:0.9580 Lamp Flux:4191.78x1 lm		
NAME: ULTRI36W	TYPE:LED	
DIM.: 1200*67*60MM		
MFR.:		

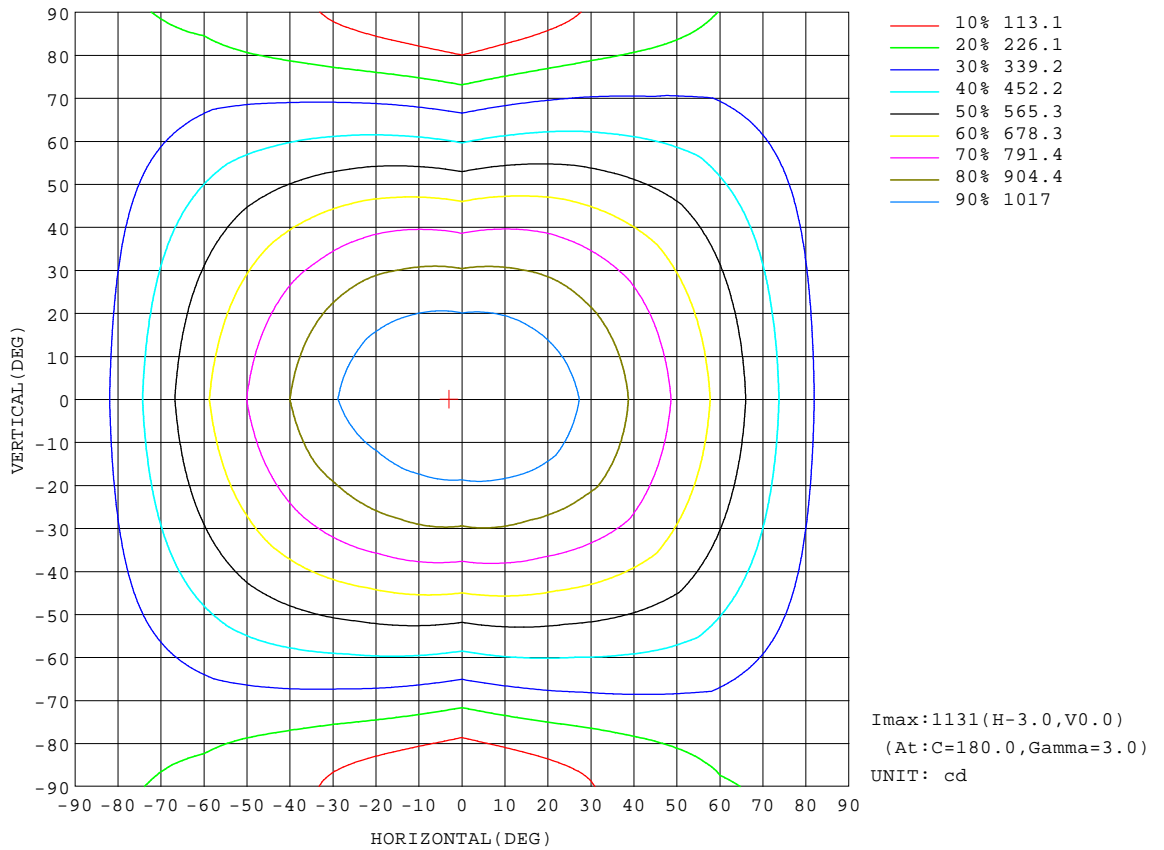
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	51	39	32	50	39	32	48	38	31	25
0.80	61	48	40	59	47	40	56	46	39	32
1.00	68	56	48	67	55	48	63	56	47	38
1.25	75	64	56	73	62	55	69	60	53	44
1.50	81	69	61	78	68	60	74	65	58	49
2.00	88	78	70	85	76	69	80	72	66	55
2.50	92	83	75	89	80	74	83	76	71	59
3.00	95	87	80	92	85	79	86	80	75	63
4.00	100	93	87	96	90	85	90	85	80	67
5.00	103	97	91	99	94	89	92	88	84	70
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:2016-05-14

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:222.6V I:0.1700A P:36.20W PF:0.9580 Lamp Flux:4191.78x1 lm		
NAME: ULTRI36W	TYPE:LED	
DIM.: 1200*67*60MM		
MFR.:		

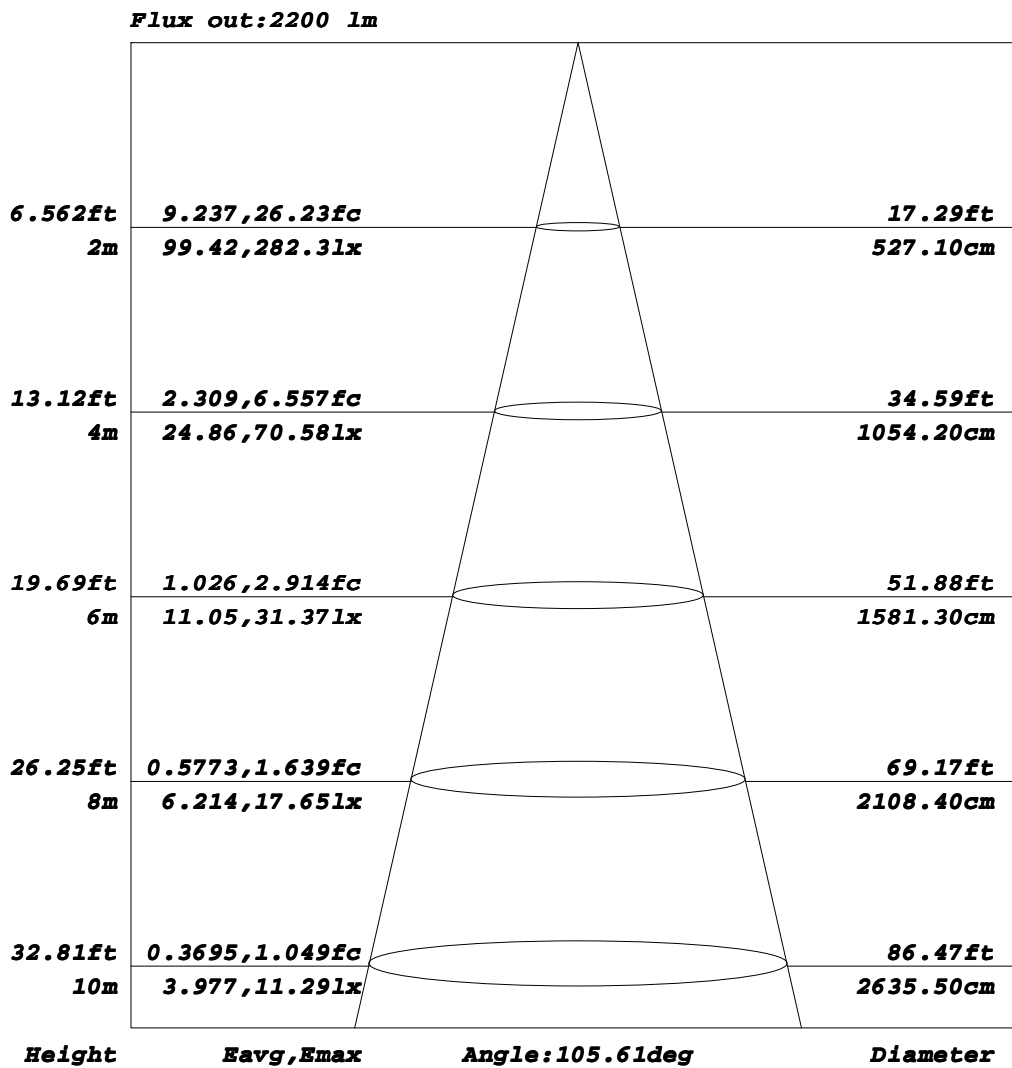


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZHANG
Test Date:2016-05-14

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:222.6V I:0.1700A P:36.20W PF:0.9580 Lamp Flux:4191.78x1 lm		
NAME: ULTRI36W	TYPE:LED	
DIM.: 1200*67*60MM		
MFR.:		



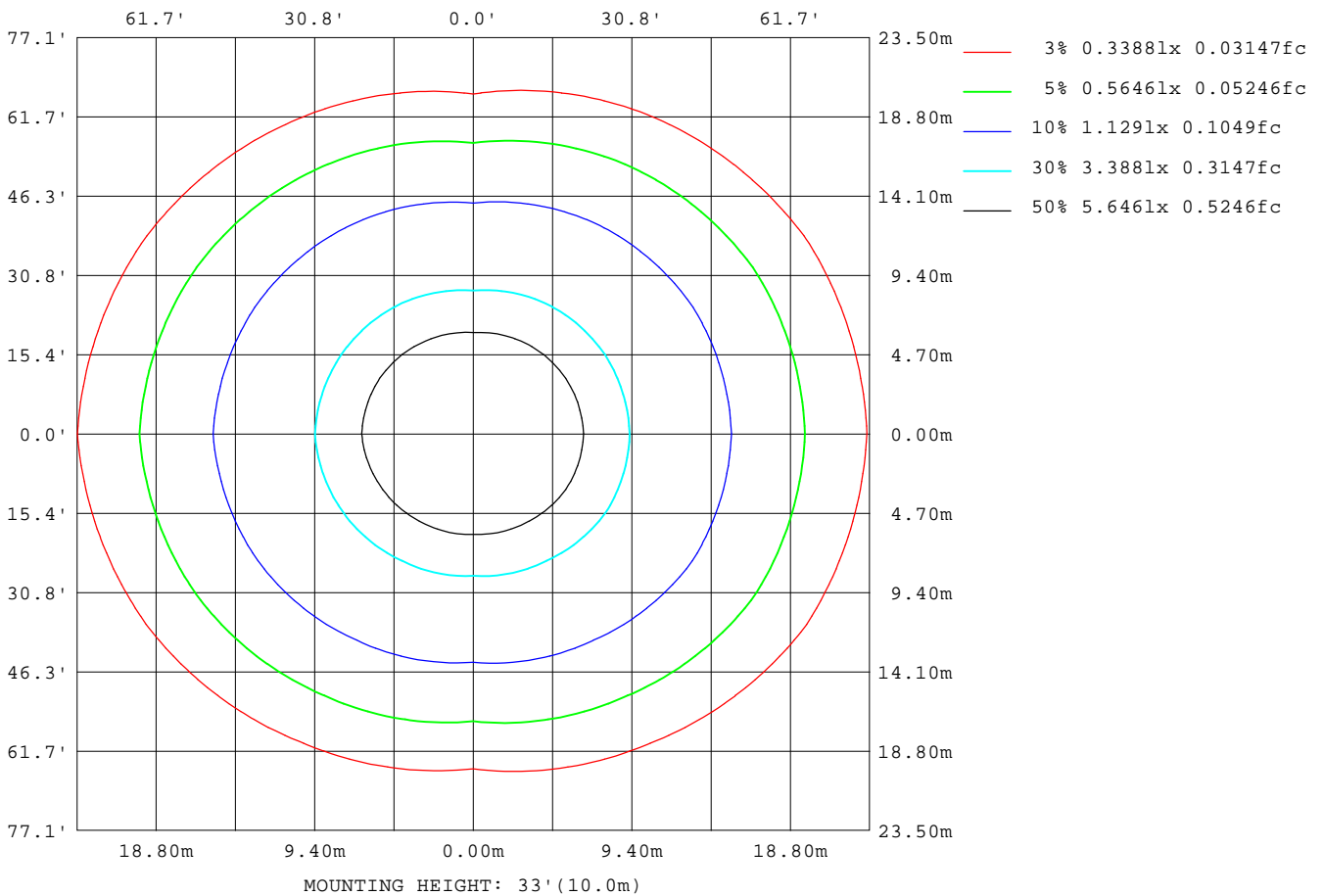
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: ZHANG
 Test Date: 2016-05-14

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

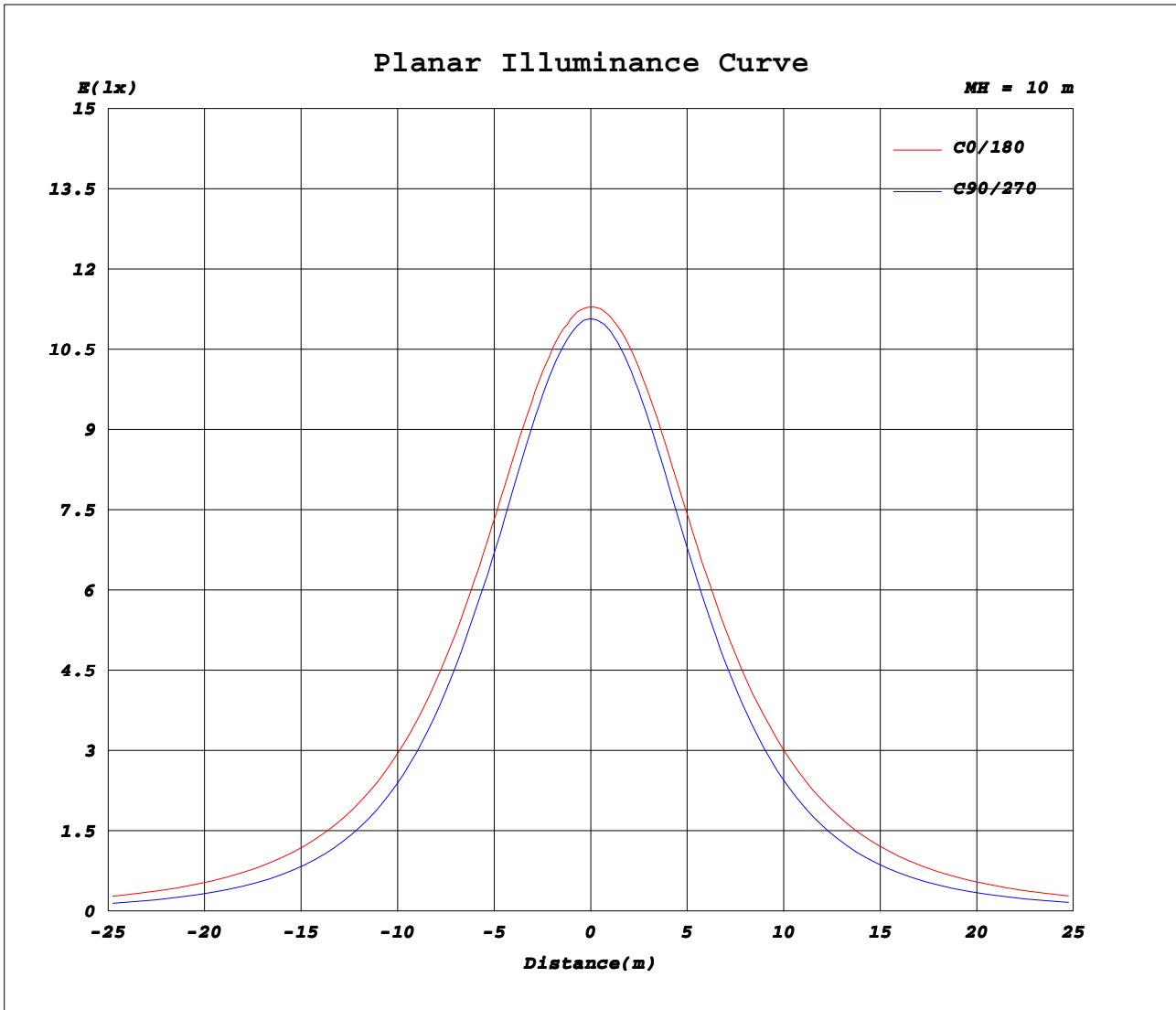
Test:U:222.6V I:0.1700A P:36.20W PF:0.9580 Lamp Flux:4191.78x1 lm		
NAME: ULTRI36W	TYPE:LED	
DIM.: 1200*67*60MM		
MFR.:		



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZHANG
Test Date: 2016-05-14

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: 2016-05-14

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:222.6V I:0.1700A P:36.20W PF:0.9580 Lamp Flux:4191.78x1 lm		
NAME: ULTRI36W	TYPE:LED	
DIM.: 1200*67*60MM		
MFR.:		

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	1129	1120	1112	1107	1103	1101	1129	1120	1112	1107	1103	1101							
5	1126	1115	1105	1099	1097	1096	1129	1117	1108	1103	1100	1097							
10	1117	1105	1087	1080	1080	1087	1123	1109	1095	1086	1087	1090							
15	1099	1086	1062	1048	1053	1068	1108	1091	1072	1057	1064	1074							
20	1072	1056	1024	1005	1017	1039	1084	1064	1038	1018	1031	1048							
25	1037	1019	979	950	972	1002	1049	1027	994	967	990	1013							
30	991	974	926	899	918	956	1004	983	943	909	941	970							
35	943	922	866	832	857	904	958	930	891	843	891	921							
40	891	872	801	757	792	853	904	871	825	770	828	867							
45	835	812	731	679	722	791	852	807	755	693	760	808							
50	774	748	658	597	648	727	792	743	682	613	689	747							
55	711	681	583	513	573	659	726	677	605	529	615	683							
60	648	612	506	428	496	589	661	607	526	445	538	617							
65	579	540	428	341	417	517	591	534	446	365	461	548							
70	507	465	352	255	341	442	517	459	365	279	382	476							
75	434	391	274	171	263	368	441	385	285	194	303	403							
80	365	318	199	92.8	188	296	367	313	208	113	228	335							
85	303	256	139	30.0	129	236	300	248	142	45.2	162	271							
90	264	219	110	6.21	102	202	254	207	102	8.45	122	228							
95	244	204	103	6.46	95.7	187	232	189	93.4	7.74	100	205							
100	228	191	97.0	6.65	90.1	175	217	177	87.9	8.14	100	184							
105	212	178	90.4	6.83	84.4	163	202	166	82.6	8.47	95.4	164							
110	196	163	78.9	7.12	79.1	151	188	154	77.8	8.86	87.9	159							
115	181	150	68.4	7.43	73.9	140	173	143	73.0	9.21	75.3	139							
120	165	134	60.0	7.76	68.6	129	160	132	68.2	9.53	65.7	138							
125	151	111	52.6	8.07	63.2	118	146	121	63.0	9.84	58.1	118							
130	135	93.5	46.4	8.38	57.8	107	133	110	57.8	10.1	51.5	99.9							
135	120	79.6	40.6	8.83	52.3	96.1	119	99.6	52.8	10.4	45.8	85.0							
140	107	67.3	35.6	9.30	46.5	84.8	106	88.3	47.6	10.6	40.2	72.0							
145	92.8	56.6	32.0	9.76	40.9	74.3	92.2	76.7	42.4	11.0	35.0	60.6							
150	76.4	47.1	29.6	10.2	35.6	63.8	78.4	66.0	36.8	11.3	31.9	50.6							
155	64.8	38.7	26.9	10.6	30.2	53.3	65.7	55.3	31.6	11.6	29.1	41.7							
160	52.2	31.9	23.6	11.1	24.7	42.8	53.3	45.3	26.2	11.8	25.6	33.6							
165	38.1	26.3	20.3	11.5	19.8	32.5	41.0	34.7	21.2	12.0	22.1	27.0							
170	20.3	21.1	17.2	11.8	16.0	22.9	29.1	24.8	17.2	12.2	18.6	21.5							
175	14.6	15.3	14.1	12.0	13.1	15.4	15.6	16.7	13.9	12.1	15.0	15.9							
180	11.8	11.9	11.8	12.1	12.3	12.1	11.8	11.8	11.9	12.0	12.3	12.0							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZHANG
Test Date:2016-05-14

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	1129	1120	1112	1107	1103	1101	1129	1120	1112	1107
3.0	1129	1118	1109	1104	1101	1099	1131	1120	1112	1105
6.0	1125	1114	1103	1096	1093	1095	1128	1117	1106	1101
9.0	1120	1107	1091	1084	1084	1090	1125	1111	1098	1090
12.0	1108	1098	1079	1069	1070	1080	1118	1103	1087	1076
15.0	1099	1086	1062	1048	1053	1068	1108	1091	1072	1057
18.0	1082	1070	1041	1024	1031	1052	1094	1076	1052	1035
21.0	1065	1051	1017	996.0	1009	1033	1078	1058	1030	1009
24.0	1044	1027	989.5	964.7	981.0	1010	1057	1035	1004	978.7
27.0	1020	1002	958.9	930.6	951.3	984.1	1034	1008	975.2	944.2
30.0	991.0	973.6	926.1	899.3	918.5	955.7	1004	982.7	942.9	909.3
33.0	964.3	940.4	891.0	859.7	882.1	924.6	977.4	950.5	908.6	870.6
36.0	933.9	911.9	852.6	817.3	845.0	896.2	946.1	918.6	879.1	828.1
39.0	901.3	883.9	813.5	771.4	805.7	864.5	914.6	883.9	839.5	785.3
42.0	868.3	847.8	773.1	726.0	764.5	828.7	888.4	847.7	798.5	739.1
45.0	834.5	812.0	730.9	678.8	721.8	791.3	852.5	806.8	755.4	693.3
48.0	798.0	773.6	687.7	629.7	678.6	752.7	816.7	771.0	711.5	645.1
51.0	761.6	734.4	643.4	580.2	633.7	713.5	780.0	731.5	667.0	596.3
54.0	726.2	694.7	598.5	530.4	587.5	673.3	740.5	690.6	620.5	546.9
57.0	687.5	654.0	552.8	478.4	542.6	631.7	701.2	648.9	573.6	496.6
60.0	647.7	612.0	506.2	427.8	495.6	589.5	660.9	606.8	525.8	445.4
63.0	607.0	569.3	458.8	376.2	448.3	546.5	618.9	563.5	478.2	394.8
66.0	565.5	524.5	411.6	324.1	400.6	502.6	576.1	519.3	429.9	347.5
69.0	522.0	480.9	368.3	272.5	357.2	457.7	531.9	474.7	381.3	296.0
72.0	477.4	435.6	320.4	220.8	309.4	412.6	487.2	428.7	332.8	244.1
75.0	434.0	390.9	273.7	171.0	262.6	367.6	440.8	385.3	284.8	193.6
78.0	389.2	346.4	228.0	122.5	217.0	323.4	396.2	342.3	237.7	144.4
81.0	351.9	304.1	185.9	77.78	175.3	282.6	352.2	299.0	193.4	97.99
84.0	314.0	267.4	149.2	40.20	139.1	246.4	312.0	259.8	153.4	57.16
87.0	284.3	238.2	122.8	14.15	114.0	219.4	278.7	227.9	121.7	25.19
90.0	263.6	219.1	109.7	6.209	102.3	201.9	254.5	206.6	102.4	8.448
93.0	250.8	208.6	105.2	6.350	98.03	191.5	239.4	193.9	95.61	7.574
96.0	240.7	200.9	101.7	6.521	94.62	184.1	229.3	186.3	92.28	7.824
99.0	231.2	193.7	98.24	6.651	91.20	177.1	220.2	179.5	89.23	8.098
102.0	221.7	186.1	94.63	6.687	87.77	169.9	210.8	172.5	85.55	8.248
105.0	212.0	178.3	90.40	6.834	84.38	162.8	202.3	165.6	82.56	8.473
108.0	202.5	170.0	84.05	7.002	81.20	155.8	193.5	158.7	79.73	8.701
111.0	193.1	158.6	76.44	7.185	78.03	148.9	184.8	151.9	76.78	8.927
114.0	183.7	151.6	70.09	7.377	74.92	142.0	176.2	145.1	74.01	9.136
117.0	174.5	146.0	65.01	7.566	71.79	135.3	167.7	138.4	71.05	9.331
120.0	165.4	133.5	59.97	7.759	68.62	128.8	159.7	131.8	68.20	9.531
123.0	156.8	118.9	55.38	7.944	65.39	121.9	151.6	125.4	65.27	9.722
126.0	148.1	107.4	51.30	8.131	62.14	115.3	143.3	119.0	61.67	9.900
129.0	138.4	96.49	47.47	8.329	58.84	108.8	135.4	112.5	58.73	10.07
132.0	128.1	87.84	44.10	8.544	55.61	102.4	127.4	106.0	55.83	10.22
135.0	120.5	79.56	40.61	8.830	52.31	96.09	119.4	99.65	52.80	10.37
138.0	111.8	71.96	37.51	9.116	48.66	89.84	111.1	92.96	49.71	10.52
141.0	104.0	65.08	34.69	9.392	45.49	82.73	102.8	85.90	46.60	10.76
144.0	94.56	58.63	32.51	9.687	42.04	76.46	94.61	78.98	43.46	10.95
147.0	87.48	52.60	31.06	9.915	38.75	70.08	86.18	72.48	40.18	11.09
150.0	76.36	47.10	29.60	10.16	35.57	63.81	78.40	66.03	36.81	11.32
153.0	71.02	41.97	28.08	10.44	32.37	57.56	70.75	59.92	33.83	11.50
156.0	61.53	37.12	26.24	10.73	29.12	51.15	63.24	53.12	30.62	11.63
159.0	54.68	33.15	24.29	10.99	25.85	44.94	55.73	47.27	27.37	11.75
162.0	46.72	29.64	22.33	11.25	22.63	38.67	48.38	40.82	24.06	11.91
165.0	38.14	26.33	20.33	11.49	19.85	32.51	40.96	34.71	21.18	12.03
168.0	25.74	23.18	18.44	11.69	17.45	26.53	33.88	28.65	18.72	12.13
171.0	18.63	19.95	16.52	11.86	15.32	21.13	26.44	22.93	16.48	12.18
174.0	15.40	16.48	14.60	11.95	13.56	16.68	16.72	18.14	14.48	12.13
177.0	12.98	13.33	13.06	12.05	12.22	13.35	13.77	14.35	12.91	12.09
180.0	11.80	11.92	11.81	12.08	12.27	12.05	11.81	11.81	11.90	12.02
G/C	300.0	330.0								
0.0	1103	1101								
3.0	1103	1099								
6.0	1099	1097								
9.0	1090	1092								
12.0	1079	1085								
15.0	1064	1074								
18.0	1046	1059								
21.0	1024	1042								
24.0	999.4	1021								
27.0	970.7	996.8								
30.0	940.5	970.0								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: ZHANG
 Test Date: 2016-05-14

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	907.6	941.5
36.0	877.2	909.4
39.0	840.6	877.9
42.0	801.1	843.5
45.0	759.5	808.5
48.0	717.5	771.9
51.0	674.3	734.9
54.0	629.5	696.0
57.0	584.2	657.0
60.0	537.7	617.0
63.0	492.2	575.5
66.0	445.1	533.6
69.0	397.7	490.6
72.0	350.0	446.4
75.0	303.1	402.8
78.0	257.1	363.0
81.0	213.2	320.7
84.0	173.8	282.3
87.0	141.7	250.7
90.0	121.6	227.8
93.0	106.0	213.0
96.0	96.58	200.7
99.0	100.2	187.8
102.0	98.96	175.8
105.0	95.43	164.4
108.0	91.74	160.6
111.0	85.45	157.8
114.0	77.18	142.0
117.0	70.84	144.2
120.0	65.72	138.5
123.0	61.00	126.2
126.0	56.72	114.2
129.0	52.77	103.6
132.0	49.17	93.71
135.0	45.76	85.05
138.0	42.38	77.05
141.0	39.08	69.59
144.0	36.00	62.75
147.0	33.58	56.50
150.0	31.85	50.63
153.0	30.23	45.23
156.0	28.43	39.96
159.0	26.37	35.10
162.0	24.24	30.83
165.0	22.13	27.03
168.0	19.90	23.62
171.0	17.89	20.30
174.0	15.74	17.15
177.0	13.92	14.29
180.0	12.27	12.01

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZHANG
Test Date: 2016-05-14

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: