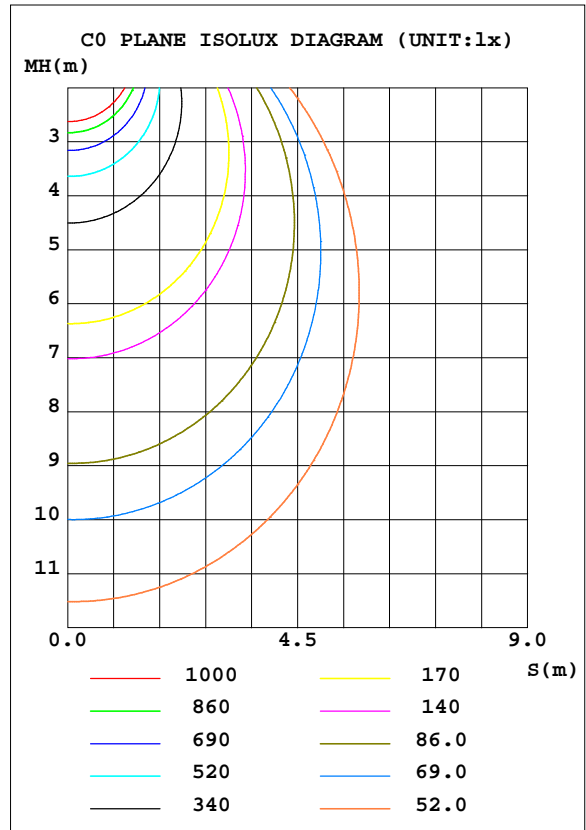
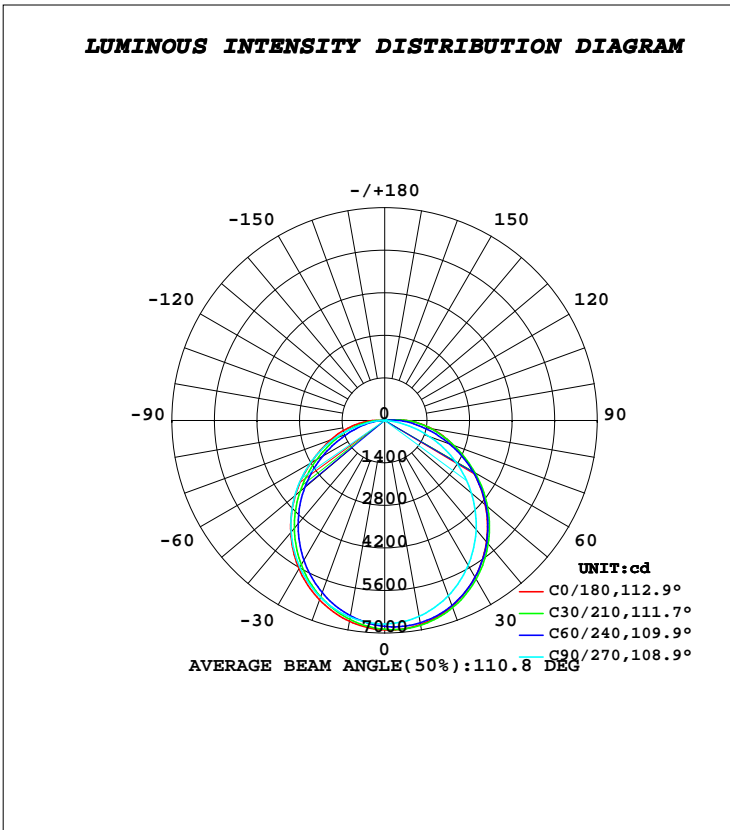


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.9V I:0.7550A P:161.5W PF:0.9670 Lamp Flux:20179.3x1 lm		
NAME: 160W	TYPE:LED	
DIM.: 1200*160mm	SUR.:1160*100mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 124.95 lm/W			
MODEL	160W	I _{max} (cd)	6899	S/MH(C0/180)	1.28
NOMINAL POWER(W)	160	LOR(%)	100.0	S/MH(C90/270)	1.23
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	20179	η UP, DN(C0-180)	0.9,47.2
NOMINAL FLUX(lm)	20179.3	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.4,50.5
LAMPS INSIDE	1	η up(%)	2.3	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220.9	η down(%)	97.7	CIBSE SHR MAX	1.35



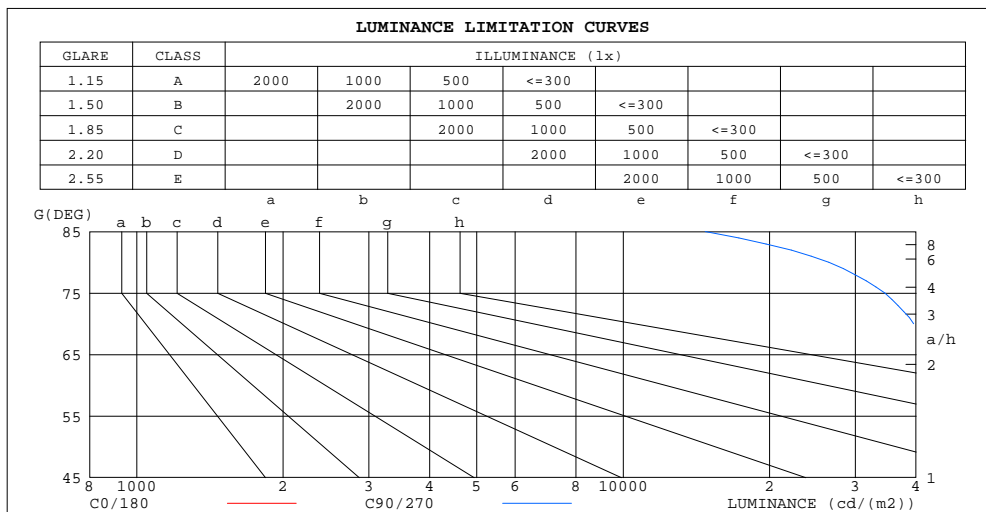
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZHANG
Test Date:2016-04-07

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=0.7625]
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	6819	6802	6545	6351	6709	6584	6572	6805	0- 10	640.4	640.4	3.17,3.17
20	6498	6515	6136	5765	6282	6101	6194	6640	10- 20	1829	2470	12.2,12.2
30	5954	5990	5501	4984	5639	5402	5584	6228	20- 30	2758	5227	25.9,25.9
40	5216	5265	4684	4047	4813	4533	4794	5604	30- 40	3304	8531	42.3,42.3
50	4327	4383	3730	3013	3848	3540	3866	4807	40- 50	3406	11937	59.2,59.2
60	3358	3392	2681	1988	2819	2478	2841	3873	50- 60	3074	15011	74.4,74.4
70	2411	2354	1570	1094	1907	1487	1754	2863	60- 70	2404	17415	86.3,86.3
80	1571	1396	533.5	353.6	1089	689.6	692.6	1864	70- 80	1562	18977	94,94
90	711.7	591.8	25.45	28.47	336.8	99.10	46.96	1035	80- 90	737.4	19714	97.7,97.7
100	48.51	32.53	28.81	31.37	38.61	38.79	36.02	307.8	90-100	228.5	19943	98.8,98.8
110	29.70	30.09	31.91	34.07	42.72	42.50	40.21	37.38	100-110	51.83	19995	99.1,99.1
120	32.38	33.01	34.81	36.98	46.27	45.77	43.94	41.76	110-120	37.43	20032	99.3,99.3
130	35.77	36.18	37.84	40.93	49.10	48.61	47.25	45.69	120-130	36.78	20069	99.5,99.5
140	40.05	40.16	41.91	45.29	51.50	51.40	50.68	49.36	130-140	34.45	20103	99.6,99.6
150	44.82	44.87	47.14	50.07	53.89	54.07	54.22	52.92	140-150	30.30	20134	99.8,99.8
160	50.47	50.09	52.80	55.29	56.57	56.73	57.63	56.75	150-160	24.22	20158	99.9,99.9
170	55.82	54.74	57.63	59.36	58.93	58.41	60.11	59.90	160-170	15.95	20174	100,100
180	59.54	58.33	60.87	61.44	59.53	58.29	60.80	61.42	170-180	5.624	20179	100,100
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	111202	14759
80	77988	26485
75	66066	34532
70	60782	39573
65	58605	43436
60	57898	46226
55	57828	48338
50	58036	50028
45	58368	51492

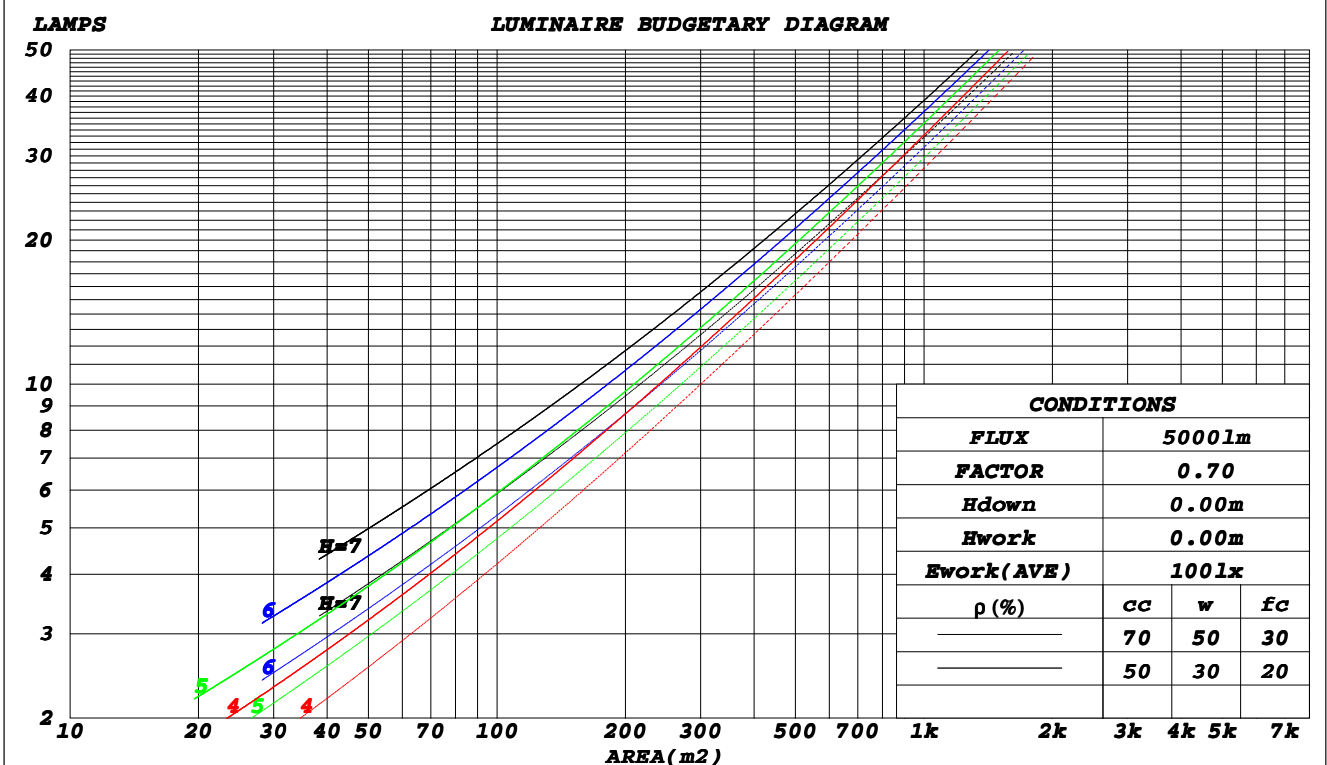
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZHANG
Test Date:2016-04-07

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=0.7625]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.9V I:0.7550A P:161.5W PF:0.9670 Lamp Flux:20179.3x1 lm		
NAME: 160W	TYPE:LED	
DIM.: 1200*160mm	SUR.:1160*100mm	
MFR.:		

ρcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρw	0															
ρfc	0															
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization(CU)															
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.02	.98	.93	.00	.95	.92	.95	.92	.88	.91	.88	.85	.87	.84	.82	.80
2.0	.89	.82	.76	.87	.80	.74	.83	.77	.72	.79	.74	.70	.76	.72	.68	.66
3.0	.78	.69	.63	.76	.68	.62	.73	.66	.60	.70	.64	.59	.67	.62	.58	.55
4.0	.69	.60	.53	.67	.59	.52	.64	.57	.51	.62	.56	.50	.59	.54	.50	.47
5.0	.61	.52	.45	.60	.52	.45	.58	.50	.44	.55	.49	.44	.53	.48	.43	.41
6.0	.55	.46	.40	.54	.46	.39	.52	.45	.39	.50	.43	.38	.48	.42	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.47	.40	.34	.46	.39	.34	.44	.38	.34	.31
8.0	.46	.37	.31	.45	.37	.31	.43	.36	.31	.42	.35	.30	.41	.35	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.27	.37	.31	.27	.25
10.0	.39	.31	.25	.38	.30	.25	.37	.30	.25	.36	.29	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZHANG
 Test Date:2016-04-07

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=0.7625]
 Remarks:

WEC AND CCEC

Test:U:220.9V I:0.7550A P:161.5W PF:0.9670 Lamp Flux:20179.3x1 lm		
NAME: 160W	TYPE:LED	
DIM.: 1200*160mm	SUR.:1160*100mm	
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	.331	.188	.060	.323	.184	.059	.309	.177	.057	.295	.170	.055	.283	.164	.053	
2.0	.303	.166	.051	.296	.163	.050	.283	.157	.049	.271	.152	.048	.260	.147	.046	
3.0	.277	.147	.044	.271	.145	.044	.259	.140	.043	.248	.136	.042	.239	.132	.041	
4.0	.254	.132	.039	.248	.130	.038	.238	.126	.038	.228	.123	.037	.219	.119	.036	
5.0	.233	.119	.034	.229	.117	.034	.219	.114	.034	.211	.111	.033	.203	.108	.033	
6.0	.216	.108	.031	.211	.107	.031	.203	.104	.030	.195	.102	.030	.188	.099	.029	
7.0	.200	.099	.028	.196	.098	.028	.189	.096	.028	.182	.093	.027	.176	.091	.027	
8.0	.187	.091	.026	.183	.090	.026	.177	.088	.025	.170	.086	.025	.165	.084	.025	
9.0	.175	.085	.024	.172	.084	.023	.166	.082	.023	.160	.080	.023	.155	.079	.023	
10.0	.164	.079	.022	.161	.078	.022	.156	.076	.022	.151	.075	.021	.146	.073	.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																
1.0	.208	.208	.208	.178	.178	.178	.121	.121	.121	.070	.070	.070	.022	.022	.022	
2.0	.192	.150	.114	.164	.129	.099	.112	.089	.069	.065	.052	.040	.021	.017	.013	
3.0	.184	.132	.091	.158	.114	.079	.108	.079	.055	.062	.046	.033	.020	.015	.011	
4.0	.176	.119	.076	.151	.103	.066	.104	.072	.046	.060	.042	.027	.019	.014	.009	
5.0	.168	.109	.065	.145	.094	.056	.100	.066	.040	.058	.039	.024	.019	.013	.008	
6.0	.161	.100	.057	.138	.087	.050	.096	.061	.035	.055	.036	.021	.018	.012	.007	
7.0	.154	.094	.051	.133	.081	.045	.092	.057	.032	.053	.034	.019	.017	.011	.006	
8.0	.148	.088	.047	.127	.076	.041	.088	.053	.029	.051	.032	.017	.017	.010	.006	
9.0	.141	.083	.043	.122	.072	.038	.084	.051	.027	.049	.030	.016	.016	.010	.005	
10.0	.136	.079	.041	.117	.068	.035	.081	.048	.025	.047	.028	.015	.015	.009	.005	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZHANG
Test Date:2016-04-07

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=0.7625]
Remarks:

Uncorrected UGR Table

Test:U:220.9V I:0.7550A P:161.5W PF:0.9670 Lamp Flux:20179.3x1 lm		
NAME: 160W	TYPE:LED	
DIM.: 1200*160mm	SUR.:1160*100mm	
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	27.3	28.8	27.6	29.0	29.3	26.7	28.2	27.0	28.4	28.7
3H	29.1	30.5	29.5	30.8	31.1	28.1	29.5	28.4	29.7	30.0
4H	30.1	31.4	30.4	31.7	32.0	28.6	29.9	28.9	30.2	30.5
6H	31.0	32.3	31.4	32.6	32.9	28.9	30.1	29.3	30.5	30.8
8H	31.5	32.7	31.9	33.0	33.4	28.9	30.2	29.3	30.5	30.8
12H	32.0	33.1	32.4	33.5	33.8	29.0	30.1	29.3	30.5	30.8
4H 2H	27.9	29.3	28.3	29.6	29.9	27.5	28.8	27.8	29.1	29.4
3H	30.0	31.2	30.4	31.5	31.9	29.2	30.4	29.6	30.7	31.1
4H	31.1	32.2	31.5	32.6	32.9	29.9	31.0	30.3	31.3	31.7
6H	32.3	33.2	32.7	33.6	34.0	30.4	31.4	30.8	31.7	32.2
8H	32.8	33.7	33.3	34.1	34.6	30.5	31.4	31.0	31.8	32.3
12H	33.4	34.3	33.9	34.7	35.1	30.6	31.4	31.1	31.8	32.3
8H 4H	31.5	32.4	32.0	32.8	33.2	30.5	31.4	30.9	31.8	32.2
6H	32.9	33.6	33.4	34.1	34.6	31.3	32.0	31.8	32.5	32.9
8H	33.6	34.3	34.1	34.8	35.3	31.6	32.2	32.1	32.7	33.2
12H	34.4	35.0	35.0	35.5	36.0	31.8	32.4	32.3	32.8	33.4
12H 4H	31.5	32.4	32.0	32.8	33.2	30.6	31.4	31.1	31.8	32.3
6H	33.0	33.7	33.5	34.2	34.7	31.5	32.2	32.0	32.7	33.2
8H	33.9	34.4	34.4	34.9	35.5	31.9	32.5	32.5	33.0	33.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.3 / - 0.4				
2.0H	+ 0.2 / - 0.3					+ 0.3 / - 0.5				

CIE Pub.117 Corrected 20179 lm Total Lamp Luminous Flux.(8log(F/F0) = 10.4)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZHANG
Test Date:2016-04-07

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=0.7625]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.9V I:0.7550A P:161.5W PF:0.9670 Lamp Flux:20179.3x1 lm		
NAME: 160W	TYPE:LED	
DIM.: 1200*160mm	SUR.:1160*100mm	
MFR.:		

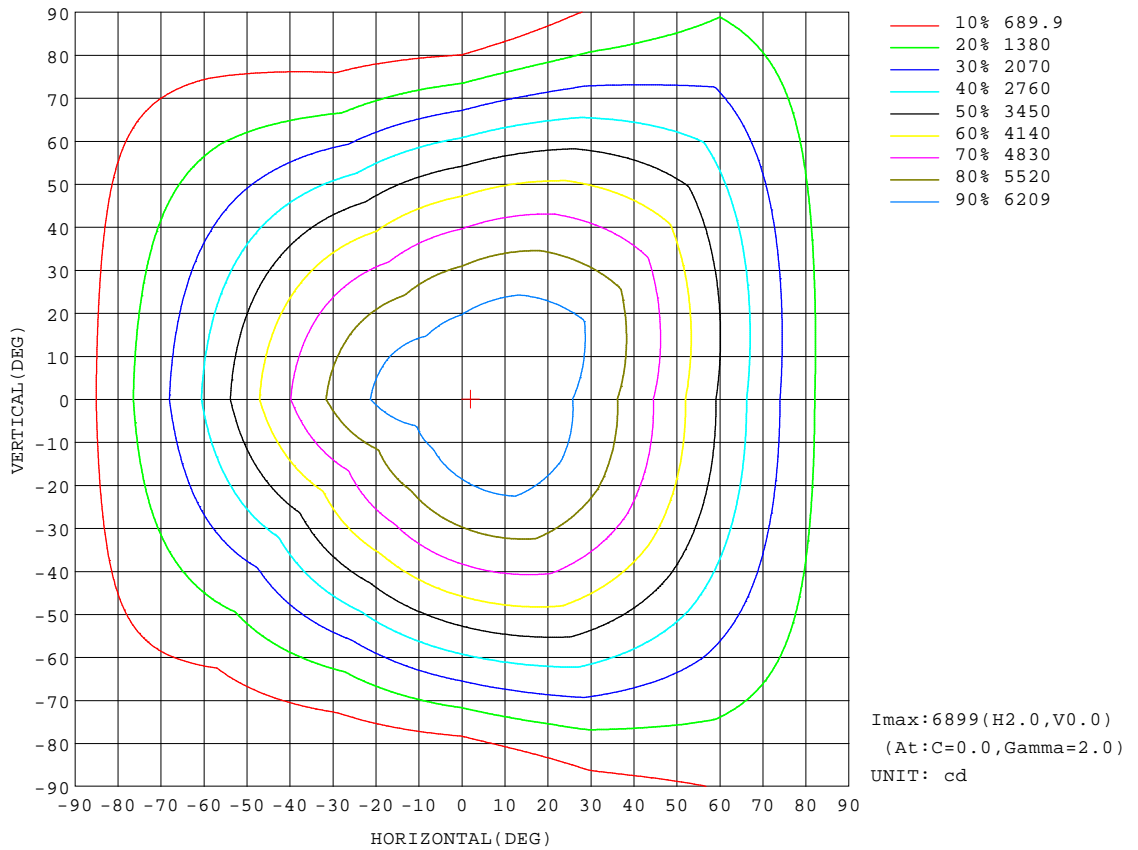
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	56	44	37	55	44	37	54	44	37	31
0.80	66	54	47	65	54	46	63	53	46	39
1.00	74	63	55	73	62	55	70	63	54	47
1.25	81	70	63	80	69	62	77	68	62	54
1.50	86	76	68	84	75	68	81	73	67	59
2.00	93	84	77	91	83	76	87	80	75	66
2.50	97	89	82	95	87	81	91	84	79	70
3.00	100	93	87	98	91	86	94	88	84	74
4.00	105	98	93	102	96	92	97	93	89	79
5.00	107	102	97	104	100	96	99	96	92	82
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:2016-04-07

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=0.7625]
Remarks:

ISOCANDELA DIAGRAM

Test:U:220.9V I:0.7550A P:161.5W PF:0.9670 Lamp Flux:20179.3x1 lm		
NAME: 160W	TYPE:LED	
DIM.: 1200*160mm	SUR.:1160*100mm	
MFR.:		



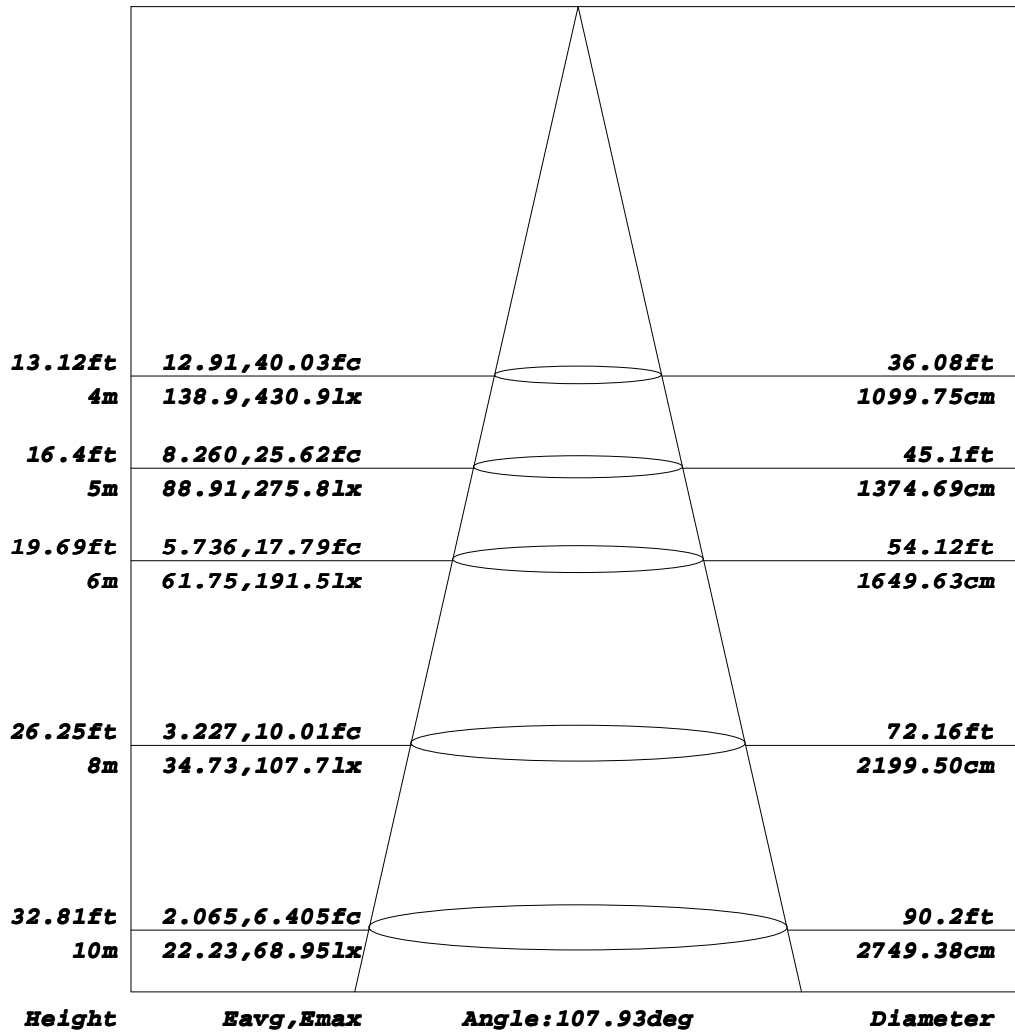
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZHANG
Test Date:2016-04-07

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=0.7625]
Remarks:

AAI Figure

Test:U:220.9V I:0.7550A P:161.5W PF:0.9670 Lamp Flux:20179.3x1 lm		
NAME: 160W	TYPE:LED	
DIM.: 1200*160mm	SUR.:1160*100mm	
MFR.:		

Flux out:13229 lm



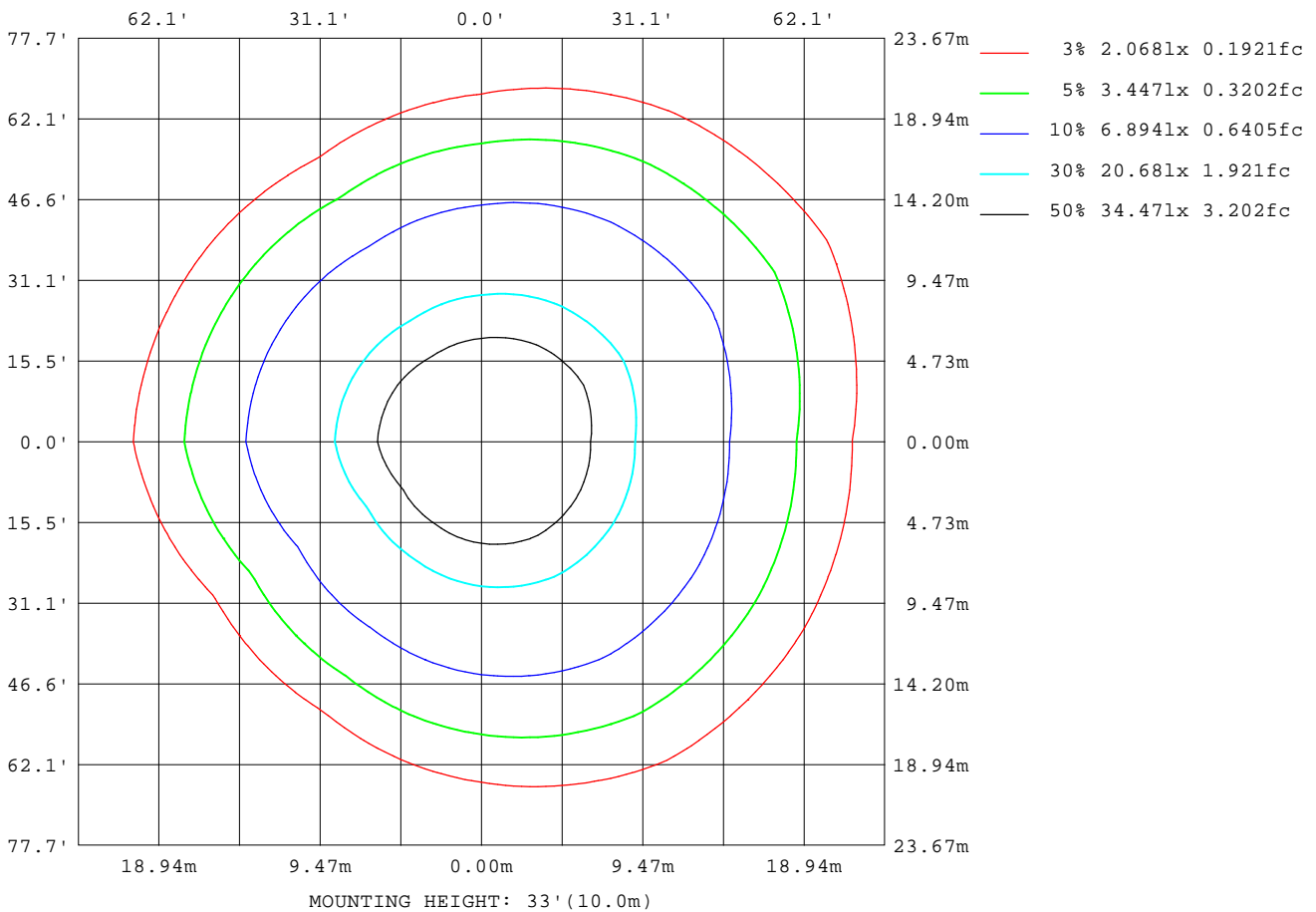
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: ZHANG
 Test Date: 2016-04-07

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=0.7625]
 Remarks:

ISOLUX DIAGRAM

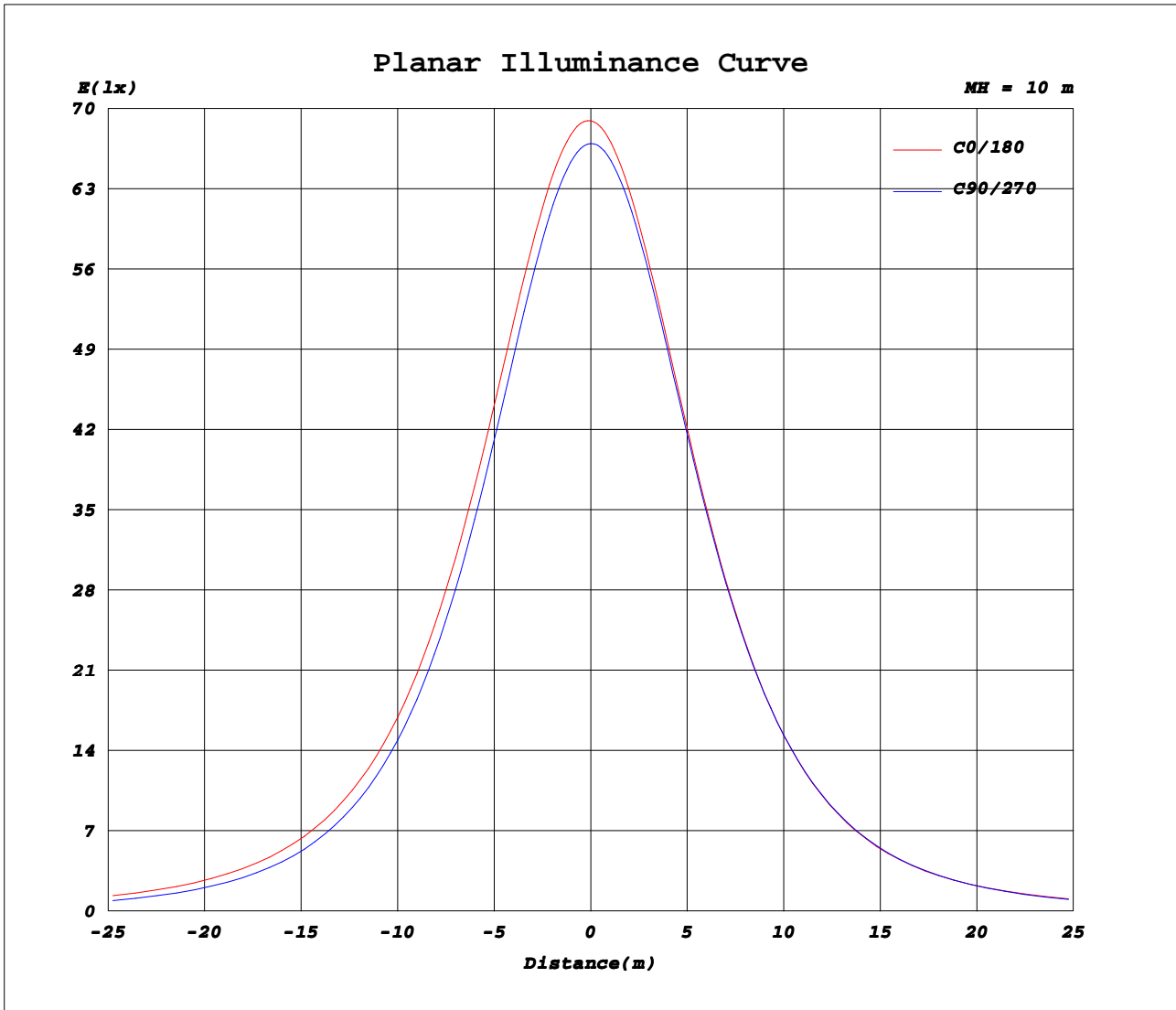
Test:U:220.9V I:0.7550A P:161.5W PF:0.9670 Lamp Flux:20179.3x1 lm		
NAME: 160W	TYPE:LED	
DIM.: 1200*160mm	SUR.:1160*100mm	
MFR.:		



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZHANG
Test Date: 2016-04-07

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=0.7625]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZHANG
Test Date: 2016-04-07

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=0.7625]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.9V I:0.7550A P:161.5W PF:0.9670 Lamp Flux:20179.3x1 lm		
NAME: 160W	TYPE:LED	
DIM.: 1200*160mm	SUR.:1160*100mm	
MFR.:		

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	6894	6874	6776	6696	6685	6724	6894	6874	6776	6696	6685	6724							
5	6889	6892	6802	6654	6560	6556	6834	6789	6683	6668	6745	6831							
10	6819	6845	6760	6545	6372	6330	6709	6642	6525	6572	6738	6872							
15	6687	6730	6651	6371	6124	6048	6524	6439	6304	6415	6665	6845							
20	6498	6552	6478	6136	5818	5713	6282	6175	6026	6194	6528	6753							
25	6251	6315	6244	5841	5461	5329	5986	5858	5694	5915	6327	6598							
30	5954	6027	5953	5501	5061	4907	5639	5490	5314	5584	6070	6386							
35	5606	5688	5612	5111	4619	4443	5248	5080	4894	5210	5762	6120							
40	5216	5304	5227	4684	4144	3950	4813	4630	4436	4794	5405	5802							
45	4788	4881	4802	4224	3641	3437	4343	4145	3951	4343	5010	5436							
50	4327	4420	4345	3730	3116	2911	3848	3638	3442	3866	4581	5032							
55	3848	3935	3859	3216	2579	2400	3333	3109	2908	3359	4117	4587							
60	3358	3434	3349	2681	2043	1933	2819	2590	2365	2841	3626	4120							
65	2873	2925	2819	2129	1528	1519	2338	2095	1830	2303	3120	3631							
70	2411	2429	2278	1570	1073	1114	1907	1653	1322	1754	2596	3131							
75	1984	1971	1746	1037	698	722	1510	1262	890	1207	2068	2634							
80	1571	1548	1244	533	345	362	1089	851	528	693	1561	2166							
85	1124	1128	823	149	71.5	64.6	696	485	212	267	1117	1737							
90	712	717	467	25.5	28.1	28.8	337	163	35.2	47.0	737	1334							
95	328	334	161	27.1	29.7	30.2	53.3	36.9	36.6	33.7	386	904							
100	48.5	37.9	27.2	28.8	31.2	31.6	38.6	38.9	38.6	36.0	103	512							
105	28.3	28.3	28.5	30.4	32.6	32.9	40.7	40.9	40.6	38.2	35.6	163							
110	29.7	30.0	30.2	31.9	34.0	34.2	42.7	42.6	42.4	40.2	37.9	36.9							
115	31.0	31.5	31.6	33.4	35.4	35.5	44.6	44.3	44.1	42.1	40.1	39.2							
120	32.4	32.9	33.1	34.8	37.0	37.0	46.3	45.8	45.7	43.9	42.2	41.4							
125	34.0	34.5	34.5	36.3	38.6	39.0	47.8	47.2	47.2	45.6	44.1	43.5							
130	35.8	36.3	36.1	37.8	40.4	41.4	49.1	48.6	48.7	47.2	45.9	45.5							
135	37.8	38.3	37.9	39.7	42.5	43.7	50.3	49.9	50.1	48.9	47.7	47.4							
140	40.1	40.4	40.0	41.9	44.8	45.8	51.5	51.3	51.5	50.7	49.5	49.2							
145	42.3	42.6	42.2	44.4	47.3	47.9	52.7	52.5	53.0	52.5	51.3	51.0							
150	44.8	45.0	44.7	47.1	50.0	50.2	53.9	53.7	54.5	54.2	53.1	52.7							
155	47.5	47.5	47.4	50.0	52.8	52.7	55.2	54.9	55.9	56.0	55.0	54.6							
160	50.5	50.0	50.2	52.8	55.5	55.1	56.6	56.2	57.3	57.6	57.0	56.5							
165	53.3	52.2	52.8	55.4	57.8	57.2	57.9	57.1	58.4	59.0	58.8	58.2							
170	55.8	54.2	55.3	57.6	59.8	58.9	58.9	57.7	59.1	60.1	60.3	59.5							
175	58.0	56.1	57.4	59.5	61.3	60.3	59.5	58.0	59.3	60.7	61.4	60.4							
180	59.5	57.7	59.0	60.9	62.0	60.9	59.5	57.6	59.0	60.8	61.9	60.9							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZHANG
Test Date:2016-04-07

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=0.7625]
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	6894	6874	6776	6696	6685	6724	6894	6874	6776	6696
3.0	6899	6893	6799	6679	6619	6630	6867	6831	6729	6687
6.0	6880	6888	6799	6637	6528	6516	6813	6764	6657	6654
9.0	6838	6860	6773	6572	6415	6380	6739	6677	6562	6597
12.0	6773	6807	6724	6483	6279	6223	6641	6568	6444	6517
15.0	6687	6730	6651	6371	6124	6048	6524	6439	6304	6415
18.0	6579	6631	6554	6237	5946	5853	6385	6286	6144	6288
21.0	6453	6510	6436	6081	5751	5640	6226	6114	5963	6141
24.0	6305	6369	6295	5907	5536	5413	6049	5926	5764	5975
27.0	6138	6207	6134	5712	5305	5166	5854	5716	5548	5787
30.0	5954	6027	5953	5501	5061	4907	5639	5490	5314	5584
33.0	5751	5828	5755	5271	4799	4631	5411	5250	5067	5365
36.0	5532	5614	5538	5029	4526	4346	5164	4992	4805	5127
39.0	5298	5384	5307	4772	4242	4051	4904	4722	4531	4880
42.0	5049	5138	5062	4502	3945	3745	4629	4440	4245	4617
45.0	4788	4881	4802	4224	3641	3437	4343	4145	3951	4343
48.0	4514	4608	4531	3930	3328	3120	4048	3844	3645	4060
51.0	4233	4326	4250	3630	3009	2808	3747	3534	3337	3768
54.0	3944	4036	3957	3322	2686	2503	3436	3218	3015	3465
57.0	3652	3735	3656	3003	2362	2206	3125	2903	2691	3156
60.0	3358	3434	3349	2681	2043	1933	2819	2590	2365	2841
63.0	3063	3130	3032	2352	1728	1679	2525	2287	2042	2519
66.0	2779	2825	2712	2017	1430	1442	2246	2001	1724	2192
69.0	2501	2529	2388	1686	1158	1199	1989	1736	1419	1864
72.0	2236	2240	2063	1352	914.0	953.2	1747	1491	1141	1531
75.0	1984	1971	1746	1037	697.6	722.0	1510	1262	889.6	1207
78.0	1736	1711	1438	723.0	477.2	499.4	1244	1006	670.9	892.6
81.0	1478	1466	1155	442.0	284.6	294.1	1009	773.1	456.7	595.5
84.0	1208	1212	900.2	209.8	117.0	116.5	772.0	552.9	268.6	342.0
87.0	956.6	960.1	678.1	60.23	28.08	28.19	548.1	350.8	113.9	143.0
90.0	711.7	716.6	467.0	25.45	28.08	28.85	336.8	163.0	35.15	46.96
93.0	476.3	481.5	274.1	26.46	29.04	29.69	149.3	50.25	35.77	32.83
96.0	256.5	263.6	109.9	27.49	29.98	30.50	38.65	37.29	37.02	34.20
99.0	70.11	80.05	27.61	28.48	30.89	31.30	38.18	38.53	38.24	35.57
102.0	27.36	27.32	27.50	29.46	31.76	32.10	39.47	39.72	39.41	36.88
105.0	28.26	28.33	28.52	30.40	32.60	32.89	40.74	40.87	40.55	38.17
108.0	29.14	29.34	29.53	31.32	33.43	33.65	41.94	41.95	41.64	39.41
111.0	29.97	30.34	30.46	32.21	34.27	34.42	43.10	42.98	42.72	40.62
114.0	30.75	31.27	31.35	33.07	35.12	35.19	44.22	43.96	43.77	41.77
117.0	31.54	32.07	32.23	33.95	36.01	36.06	45.27	44.91	44.78	42.88
120.0	32.38	32.93	33.09	34.81	36.95	37.00	46.27	45.79	45.75	43.94
123.0	33.34	33.82	33.96	35.67	37.92	38.11	47.17	46.63	46.63	44.94
126.0	34.37	34.82	34.82	36.56	38.94	39.43	48.04	47.46	47.49	45.93
129.0	35.41	35.90	35.74	37.51	40.05	40.94	48.85	48.29	48.37	46.92
132.0	36.54	37.06	36.80	38.57	41.24	42.34	49.56	49.11	49.21	47.90
135.0	37.83	38.27	37.93	39.71	42.51	43.68	50.29	49.94	50.09	48.90
138.0	39.17	39.50	39.13	41.00	43.88	44.93	51.03	50.75	50.94	49.95
141.0	40.49	40.80	40.41	42.39	45.30	46.17	51.73	51.53	51.80	51.04
144.0	41.86	42.13	41.78	43.87	46.79	47.43	52.42	52.26	52.67	52.12
147.0	43.29	43.55	43.23	45.47	48.34	48.79	53.13	52.97	53.55	53.17
150.0	44.82	45.01	44.74	47.14	49.96	50.18	53.89	53.69	54.46	54.22
153.0	46.43	46.51	46.34	48.84	51.64	51.64	54.66	54.44	55.36	55.28
156.0	48.11	48.05	47.97	50.55	53.32	53.15	55.45	55.20	56.23	56.32
159.0	49.87	49.51	49.63	52.24	54.95	54.61	56.28	55.93	57.05	57.31
162.0	51.64	50.92	51.28	53.87	56.47	55.98	57.14	56.58	57.78	58.23
165.0	53.25	52.22	52.81	55.37	57.81	57.15	57.91	57.09	58.39	59.04
168.0	54.80	53.45	54.30	56.75	59.05	58.24	58.57	57.50	58.86	59.72
171.0	56.30	54.64	55.70	58.05	60.14	59.24	59.09	57.79	59.19	60.27
174.0	57.59	55.73	56.96	59.19	61.00	60.02	59.42	57.94	59.33	60.64
177.0	58.80	56.78	58.12	60.19	61.70	60.68	59.62	57.95	59.33	60.87
180.0	59.54	57.69	58.97	60.87	61.98	60.90	59.53	57.61	58.98	60.80
G/C	300.0	330.0								
0.0	6685	6724								
3.0	6729	6796								
6.0	6749	6846								
9.0	6745	6870								
12.0	6717	6869								
15.0	6665	6845								
18.0	6590	6797								
21.0	6492	6726								
24.0	6373	6634								
27.0	6232	6520								
30.0	6070	6386								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: ZHANG
 Test Date: 2016-04-07

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=0.7625]
 Remarks:

Photometric Data Table [cd]

33.0	5891	6233
36.0	5694	6058
39.0	5480	5869
42.0	5251	5661
45.0	5010	5436
48.0	4754	5198
51.0	4491	4947
54.0	4211	4681
57.0	3922	4405
60.0	3626	4120
63.0	3325	3827
66.0	3016	3530
69.0	2702	3231
72.0	2384	2928
75.0	2068	2634
78.0	1761	2350
81.0	1465	2077
84.0	1194	1819
87.0	957.8	1574
90.0	737.1	1334
93.0	518.3	1067
96.0	322.4	823.5
99.0	148.5	585.7
102.0	35.38	367.2
105.0	35.57	162.8
108.0	36.96	47.26
111.0	38.34	37.35
114.0	39.66	38.71
117.0	40.94	40.06
120.0	42.16	41.37
123.0	43.32	42.63
126.0	44.44	43.88
129.0	45.54	45.10
132.0	46.61	46.25
135.0	47.68	47.38
138.0	48.76	48.50
141.0	49.85	49.60
144.0	50.94	50.65
147.0	52.02	51.66
150.0	53.13	52.71
153.0	54.26	53.80
156.0	55.43	54.95
159.0	56.61	56.10
162.0	57.75	57.22
165.0	58.79	58.17
168.0	59.73	59.01
171.0	60.56	59.70
174.0	61.21	60.23
177.0	61.71	60.65
180.0	61.94	60.89

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZHANG
Test Date: 2016-04-07

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=0.7625]
Remarks: