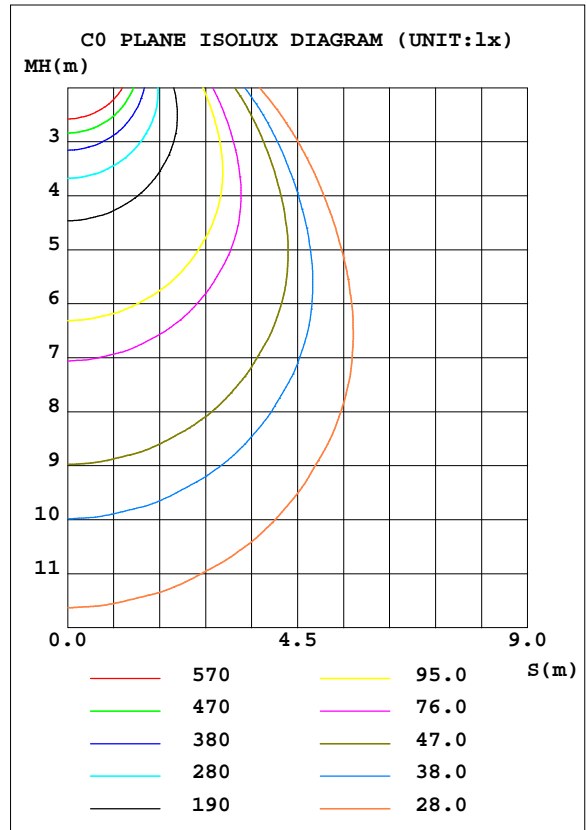
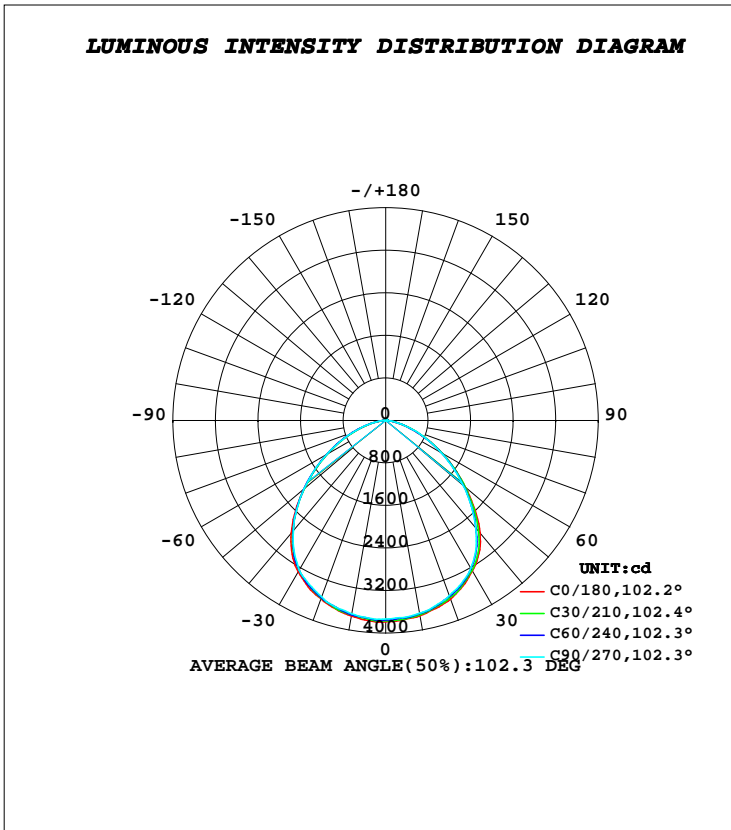


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.8V I:0.4360A P:94.60W PF:0.9810 Lamp Flux:9586.08x1 lm		
NAME: UFO-100W	TYPE:LED	
DIM.: 310*310MM	SUR.:260*260mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 101.33 lm/W			
MODEL	UFO-100W	I _{max} (cd)	3793	S/MH(C0/180)	1.28
NOMINAL POWER(W)	100	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	9586.1	η UP, DN(C0-180)	0.7,48.3
NOMINAL FLUX(lm)	9586.08	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.8,50.2
LAMPS INSIDE	1	η up(%)	1.5	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220.9	η down(%)	98.5	CIBSE SHR MAX	1.35



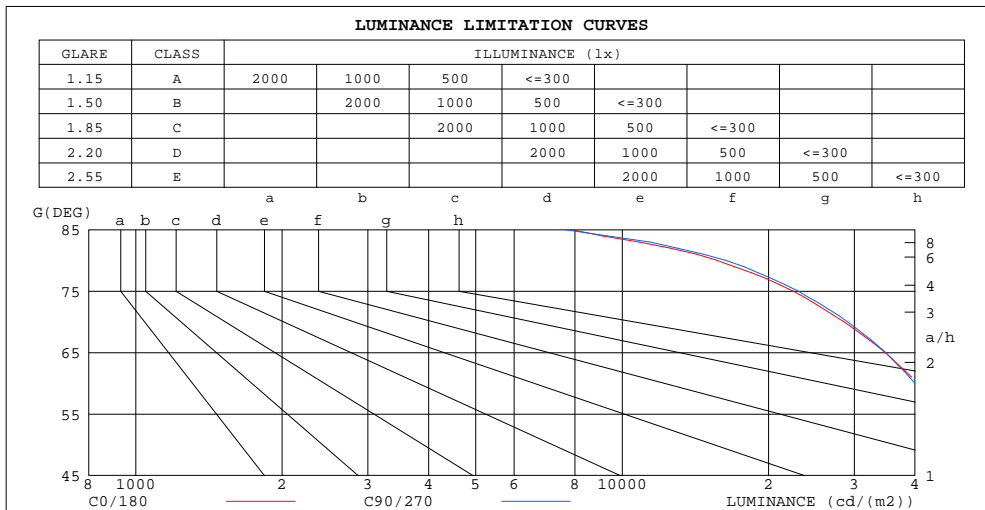
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZHANG
Test Date:2016-06-01

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	3731	3697	3680	3652	3737	3709	3691	3678	0- 10	355.0	355.0	3.7,3.7
20	3572	3532	3502	3483	3570	3553	3532	3522	10- 20	1024	1379	14.4,14.4
30	3268	3234	3207	3182	3292	3255	3254	3251	20- 30	1568	2947	30.7,30.7
40	2761	2678	2638	2622	2762	2712	2704	2758	30- 40	1875	4822	50.3,50.3
50	1962	1938	1904	1881	2010	2005	2003	2027	40- 50	1805	6627	69.1,69.1
60	1218	1212	1200	1180	1281	1278	1282	1289	50- 60	1427	8054	84,84
70	585.9	593.3	595.6	574.9	657.0	652.3	656.2	650.9	60- 70	907.9	8961	93.5,93.5
80	162.9	170.2	169.9	160.6	201.0	206.4	208.3	205.9	70- 80	406.3	9368	97.7,97.7
90	13.08	13.08	12.89	12.87	17.51	17.30	16.84	16.73	80- 90	74.67	9442	98.5,98.5
100	15.11	15.05	14.92	14.95	20.60	20.30	19.95	19.83	90-100	17.73	9460	98.7,98.7
110	17.44	17.33	17.22	17.23	23.71	23.38	23.03	22.96	100-110	20.02	9480	98.9,98.9
120	19.80	19.70	19.56	19.57	26.41	26.06	25.72	25.63	110-120	21.35	9501	99.1,99.1
130	22.18	22.11	21.90	21.93	28.54	28.20	27.84	27.76	120-130	21.47	9523	99.3,99.3
140	24.18	24.17	23.92	23.93	30.02	29.69	29.34	29.25	130-140	20.07	9543	99.6,99.6
150	26.48	26.43	26.16	26.10	31.23	30.83	30.60	30.51	140-150	17.33	9560	99.7,99.7
160	29.26	29.24	28.95	28.89	32.78	32.34	32.07	31.99	150-160	13.66	9574	99.9,99.9
170	31.82	31.75	31.44	31.36	33.92	33.28	33.06	33.26	160-170	8.948	9583	100,100
180	32.80	32.47	32.22	32.31	32.95	32.36	32.11	32.20	170-180	3.110	9586	100,100
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	7853	7597
80	15635	16304
75	22453	22990
70	28551	29023
65	34742	34816
60	40610	39998
55	45855	44901
50	50866	49368
45	56012	53816

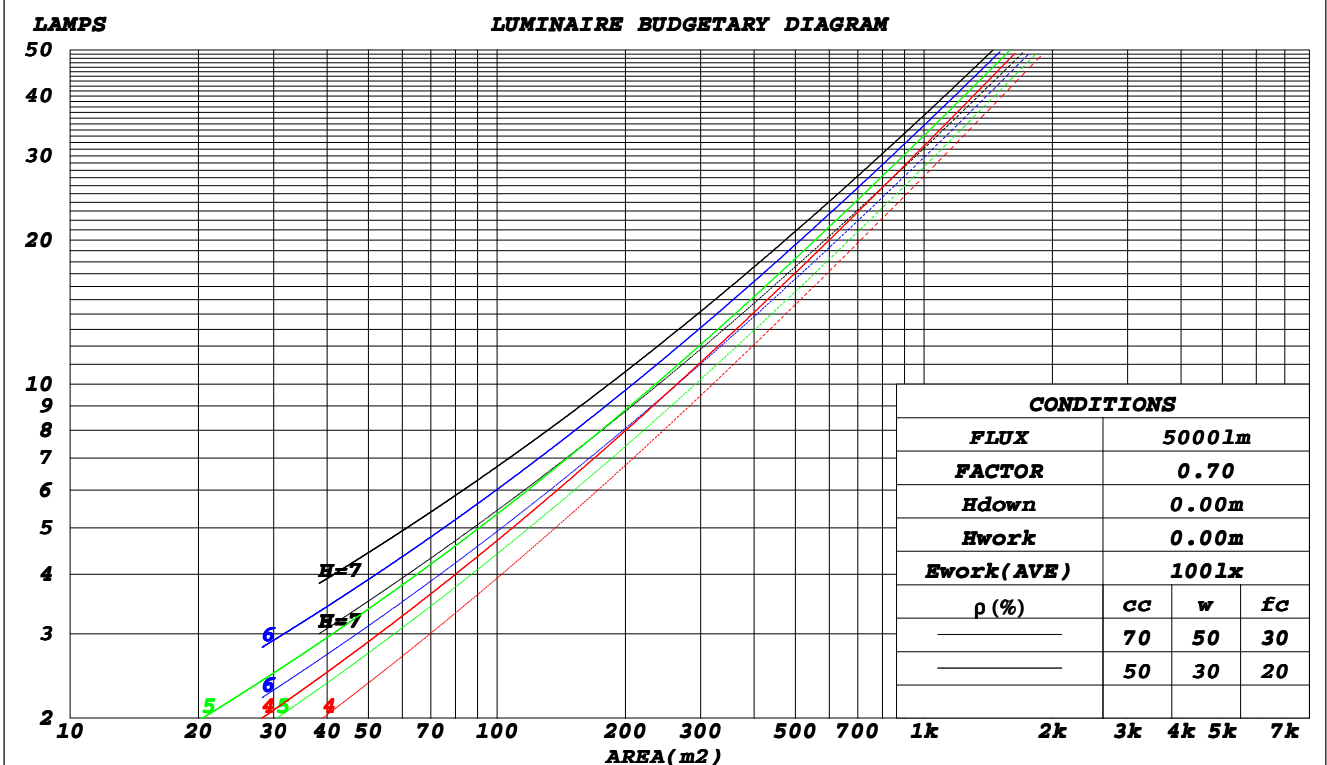
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZHANG
Test Date: 2016-06-01

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:220.8V I:0.4360A P:94.60W PF:0.9810 Lamp Flux:9586.08x1 lm		
NAME: UFO-100W	TYPE:LED	
DIM.: 310*310MM	SUR.:260*260mm	
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	1.05	1.01	.98	1.03	.99	.96	.98	.96	.93	.94	.92	.90	.91	.89	.87	.85														
2.0	.93	.87	.81	.91	.85	.80	.87	.82	.78	.84	.80	.76	.81	.77	.74	.72														
3.0	.82	.75	.69	.81	.74	.68	.77	.72	.67	.75	.70	.65	.72	.68	.64	.62														
4.0	.73	.65	.59	.72	.64	.58	.69	.63	.57	.67	.61	.56	.65	.60	.56	.53														
5.0	.66	.57	.51	.65	.57	.51	.62	.55	.50	.60	.54	.49	.58	.53	.49	.47														
6.0	.60	.51	.45	.58	.50	.45	.57	.49	.44	.55	.48	.44	.53	.48	.43	.41														
7.0	.54	.46	.40	.53	.45	.40	.52	.44	.39	.50	.44	.39	.49	.43	.38	.37														
8.0	.49	.41	.36	.49	.41	.35	.47	.40	.35	.46	.40	.35	.45	.39	.35	.33														
9.0	.45	.37	.32	.45	.37	.32	.44	.37	.32	.42	.36	.32	.41	.36	.31	.30														
10.0	.42	.34	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.38	.33	.29	.27														



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: ZHANG
 Test Date: 2016-06-01

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:220.8V I:0.4360A P:94.60W PF:0.9810 Lamp Flux:9586.08x1 lm		
NAME: UFO-100W	TYPE:LED	
DIM.: 310*310MM	SUR.:260*260mm	
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	.275	.157	.050	.268	.153	.049	.254	.146	.047	.241	.139	.045	.229	.133	.043	
2.0	.265	.145	.045	.258	.142	.044	.246	.137	.043	.235	.132	.041	.224	.127	.040	
3.0	.249	.132	.040	.243	.130	.039	.232	.126	.038	.222	.122	.037	.213	.118	.036	
4.0	.232	.121	.036	.227	.119	.035	.218	.115	.034	.209	.112	.034	.200	.109	.033	
5.0	.217	.111	.032	.212	.109	.032	.204	.106	.031	.196	.103	.031	.188	.101	.030	
6.0	.203	.102	.029	.199	.100	.029	.191	.098	.028	.184	.095	.028	.177	.093	.028	
7.0	.190	.094	.027	.186	.093	.026	.179	.091	.026	.173	.089	.026	.167	.087	.025	
8.0	.178	.087	.024	.175	.086	.024	.169	.084	.024	.163	.083	.024	.157	.081	.024	
9.0	.168	.081	.023	.165	.080	.023	.159	.079	.022	.154	.077	.022	.149	.076	.022	
10.0	.158	.076	.021	.156	.075	.021	.150	.074	.021	.146	.072	.021	.141	.071	.020	

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	.202	.202	.202	.173	.173	.173	.118	.118	.118	.068	.068	.068	.022	.022	.022	
2.0	.189	.168	.149	.162	.144	.128	.111	.099	.088	.064	.057	.051	.020	.018	.017	
3.0	.180	.144	.113	.154	.124	.098	.106	.086	.068	.061	.050	.040	.020	.016	.013	
4.0	.172	.126	.089	.148	.109	.077	.101	.075	.054	.058	.044	.032	.019	.014	.010	
5.0	.164	.112	.073	.141	.097	.063	.097	.068	.044	.056	.040	.026	.018	.013	.009	
6.0	.157	.102	.061	.135	.088	.053	.093	.062	.037	.054	.036	.022	.017	.012	.007	
7.0	.150	.093	.053	.129	.081	.046	.089	.057	.032	.052	.033	.019	.017	.011	.006	
8.0	.144	.086	.046	.124	.075	.040	.085	.053	.029	.050	.031	.017	.016	.010	.006	
9.0	.138	.081	.041	.119	.070	.036	.082	.049	.026	.048	.029	.015	.015	.009	.005	
10.0	.132	.076	.038	.114	.066	.033	.079	.046	.023	.046	.027	.014	.015	.009	.005	
10.0	.126	.071	.035	.109	.062	.030	.076	.044	.022	.044	.026	.013	.014	.008	.004	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZHANG
 Test Date:2016-06-01

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:220.8V I:0.4360A P:94.60W PF:0.9810 Lamp Flux:9586.08x1 lm		
NAME: UFO-100W	TYPE:LED	
DIM.: 310*310MM	SUR.:260*260mm	
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	25.8	27.2	26.1	27.5	27.7	25.7	27.1	26.0	27.3	27.6
3H	26.7	28.0	27.0	28.2	28.5	26.6	27.9	26.9	28.1	28.4
4H	26.9	28.2	27.3	28.4	28.7	26.9	28.1	27.2	28.4	28.6
6H	27.0	28.2	27.4	28.5	28.8	27.0	28.1	27.3	28.4	28.7
8H	27.0	28.1	27.4	28.4	28.8	27.0	28.1	27.3	28.4	28.7
12H	27.0	28.1	27.4	28.4	28.7	26.9	28.0	27.3	28.3	28.6
4H 2H	26.2	27.4	26.5	27.7	28.0	26.1	27.3	26.4	27.6	27.9
3H	27.2	28.3	27.6	28.6	28.9	27.1	28.2	27.5	28.5	28.9
4H	27.6	28.5	27.9	28.9	29.2	27.5	28.5	27.9	28.8	29.2
6H	27.7	28.6	28.1	29.0	29.4	27.7	28.5	28.1	28.9	29.3
8H	27.7	28.5	28.2	28.9	29.3	27.7	28.5	28.1	28.9	29.3
12H	27.7	28.4	28.2	28.9	29.3	27.7	28.4	28.1	28.8	29.2
8H 4H	27.6	28.4	28.1	28.8	29.2	27.6	28.4	28.0	28.8	29.2
6H	27.9	28.5	28.3	29.0	29.4	27.8	28.5	28.3	28.9	29.4
8H	27.9	28.5	28.4	29.0	29.4	27.9	28.5	28.4	28.9	29.4
12H	27.9	28.4	28.4	28.9	29.4	27.9	28.4	28.4	28.9	29.4
12H 4H	27.6	28.3	28.1	28.7	29.2	27.6	28.3	28.0	28.7	29.1
6H	27.9	28.5	28.4	28.9	29.4	27.8	28.4	28.3	28.9	29.3
8H	27.9	28.4	28.4	28.9	29.4	27.9	28.4	28.4	28.9	29.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.4				
1.5H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				
2.0H	+ 0.6 / - 0.6					+ 0.6 / - 0.5				

CIE Pub.117 Corrected 9586 lm Total Lamp Luminous Flux.(8log(F/F0) = 7.9)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZHANG
 Test Date:2016-06-01

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:220.8V I:0.4360A P:94.60W PF:0.9810 Lamp Flux:9586.08x1 lm		
NAME: UFO-100W	TYPE:LED	
DIM.: 310*310MM	SUR.:260*260mm	
MFR.:		

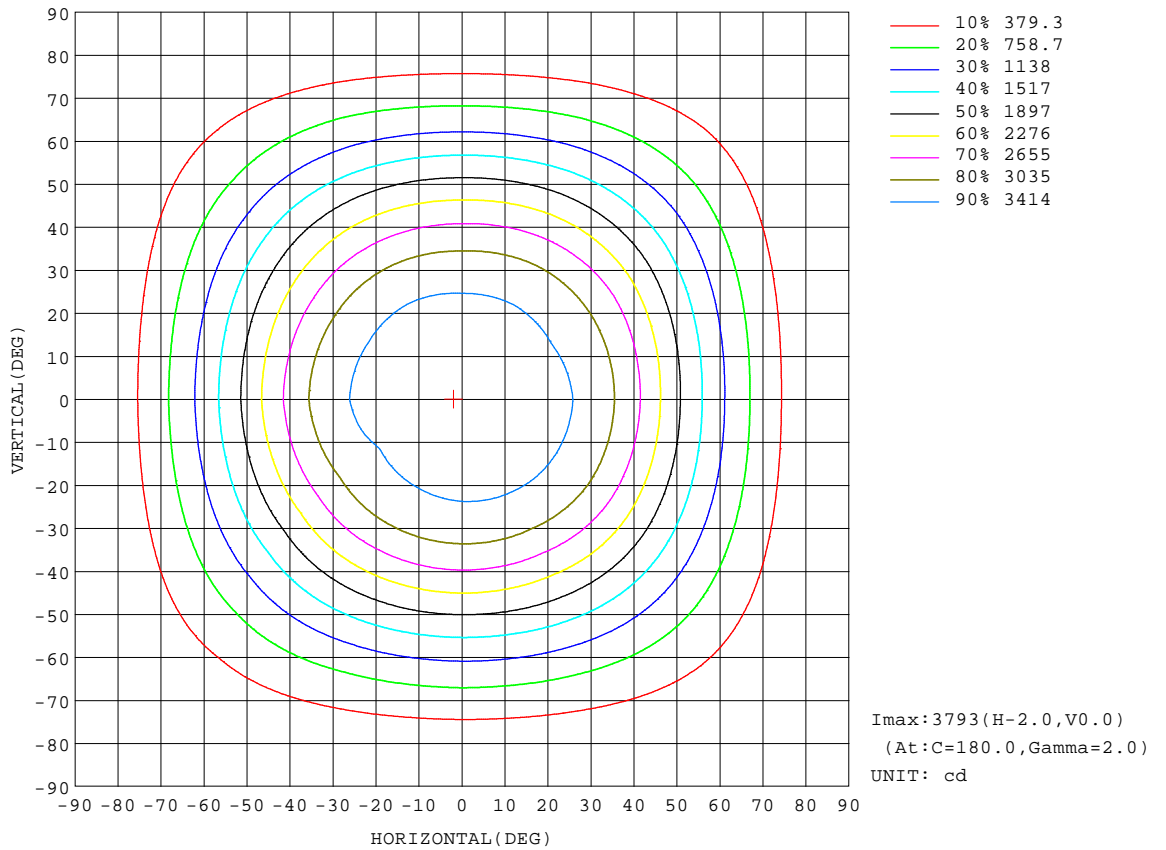
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	61	50	43	60	49	43	59	49	43	36
0.80	71	60	53	70	59	53	68	59	52	46
1.00	79	69	62	78	68	62	76	69	61	54
1.25	86	76	70	85	76	69	82	74	69	62
1.50	91	82	76	89	81	75	86	79	74	67
2.00	97	90	84	95	88	83	92	86	81	74
2.50	101	94	88	99	92	87	95	90	85	77
3.00	104	98	93	102	96	92	98	93	89	81
4.00	107	102	98	105	100	97	101	97	94	85
5.00	110	105	102	107	103	100	102	99	97	87
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:2016-06-01

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:220.8V I:0.4360A P:94.60W PF:0.9810 Lamp Flux:9586.08x1 lm		
NAME: UFO-100W	TYPE:LED	
DIM.: 310*310MM	SUR.:260*260mm	
MFR.:		



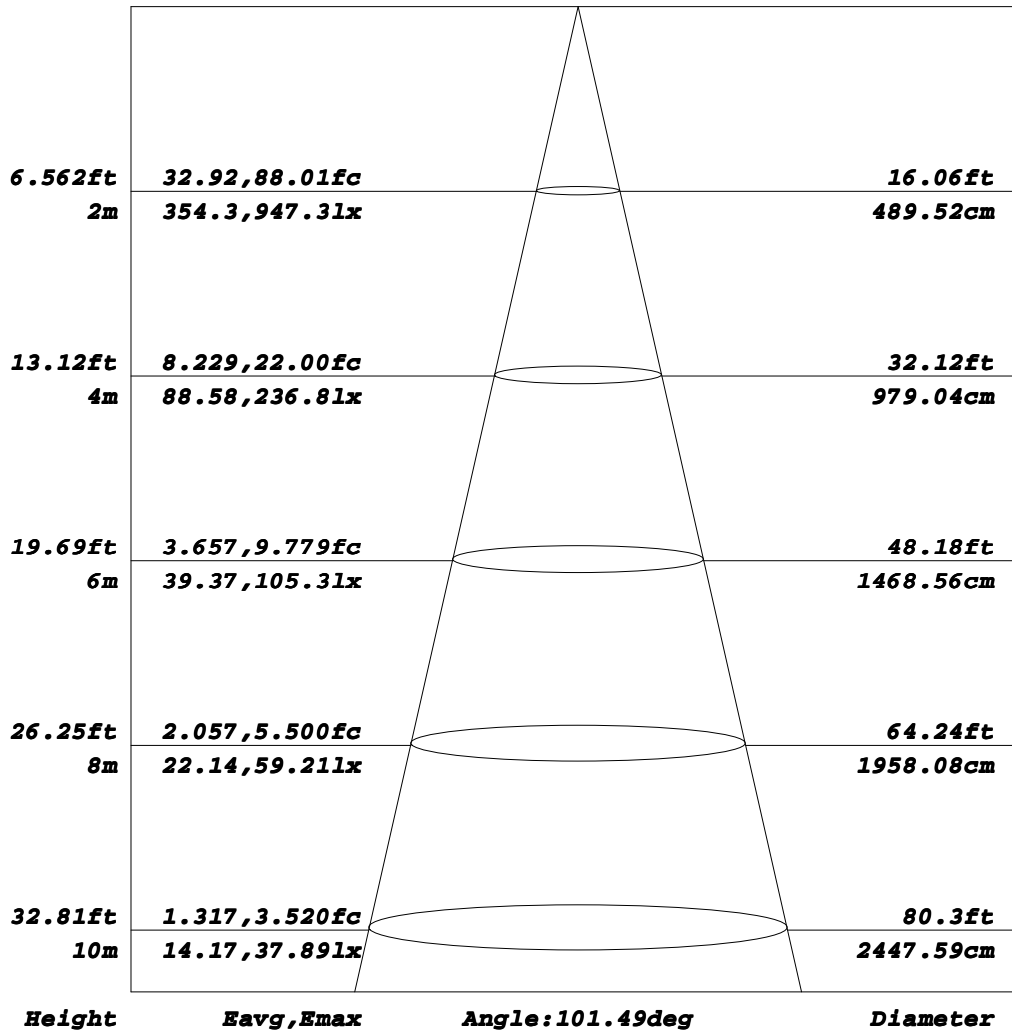
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZHANG
Test Date: 2016-06-01

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:220.8V I:0.4360A P:94.60W PF:0.9810 Lamp Flux:9586.08x1 lm		
NAME: UFO-100W	TYPE:LED	
DIM.: 310*310MM	SUR.:260*260mm	
MFR.:		

Flux out:6790 lm



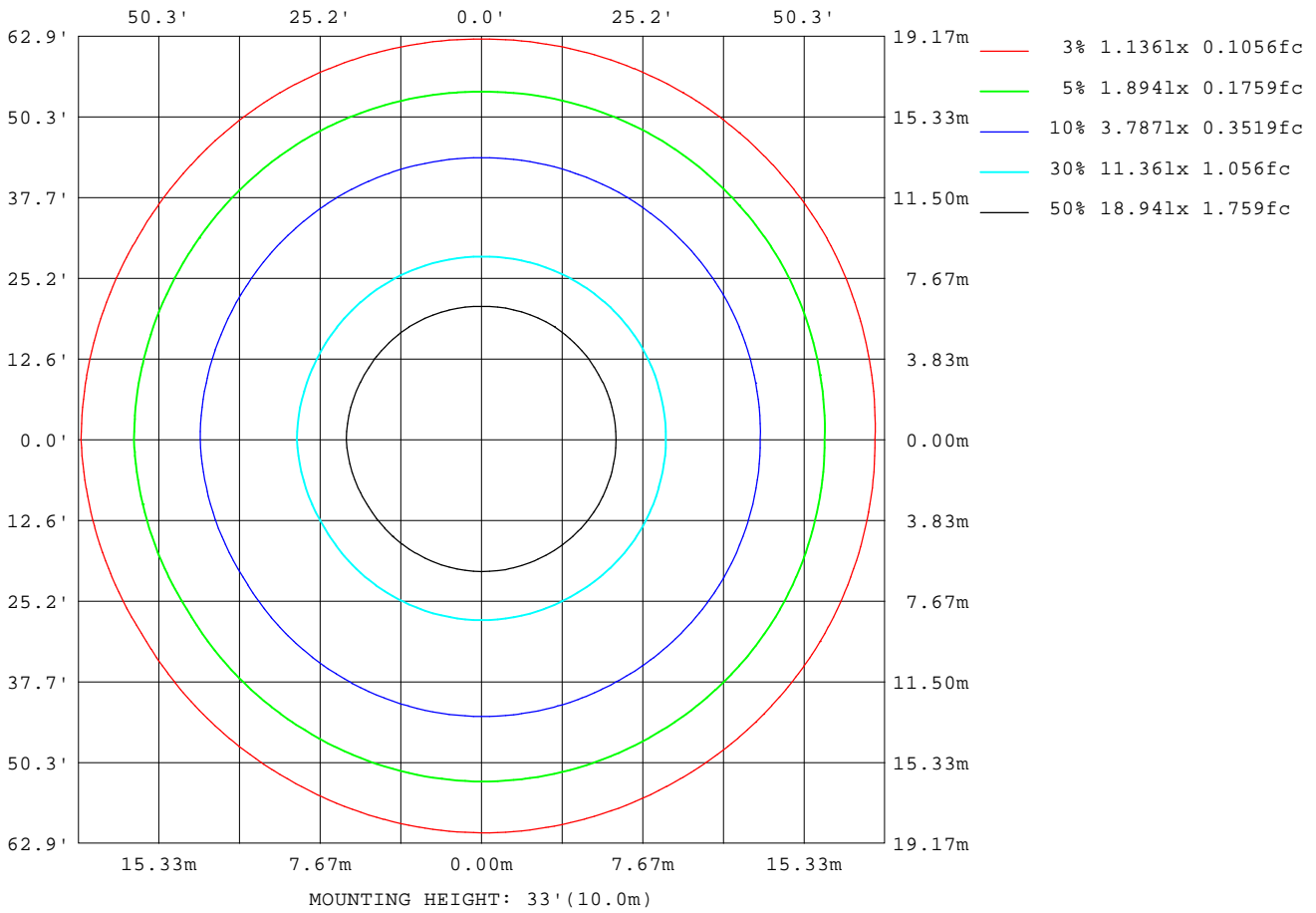
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: ZHANG
 Test Date: 2016-06-01

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

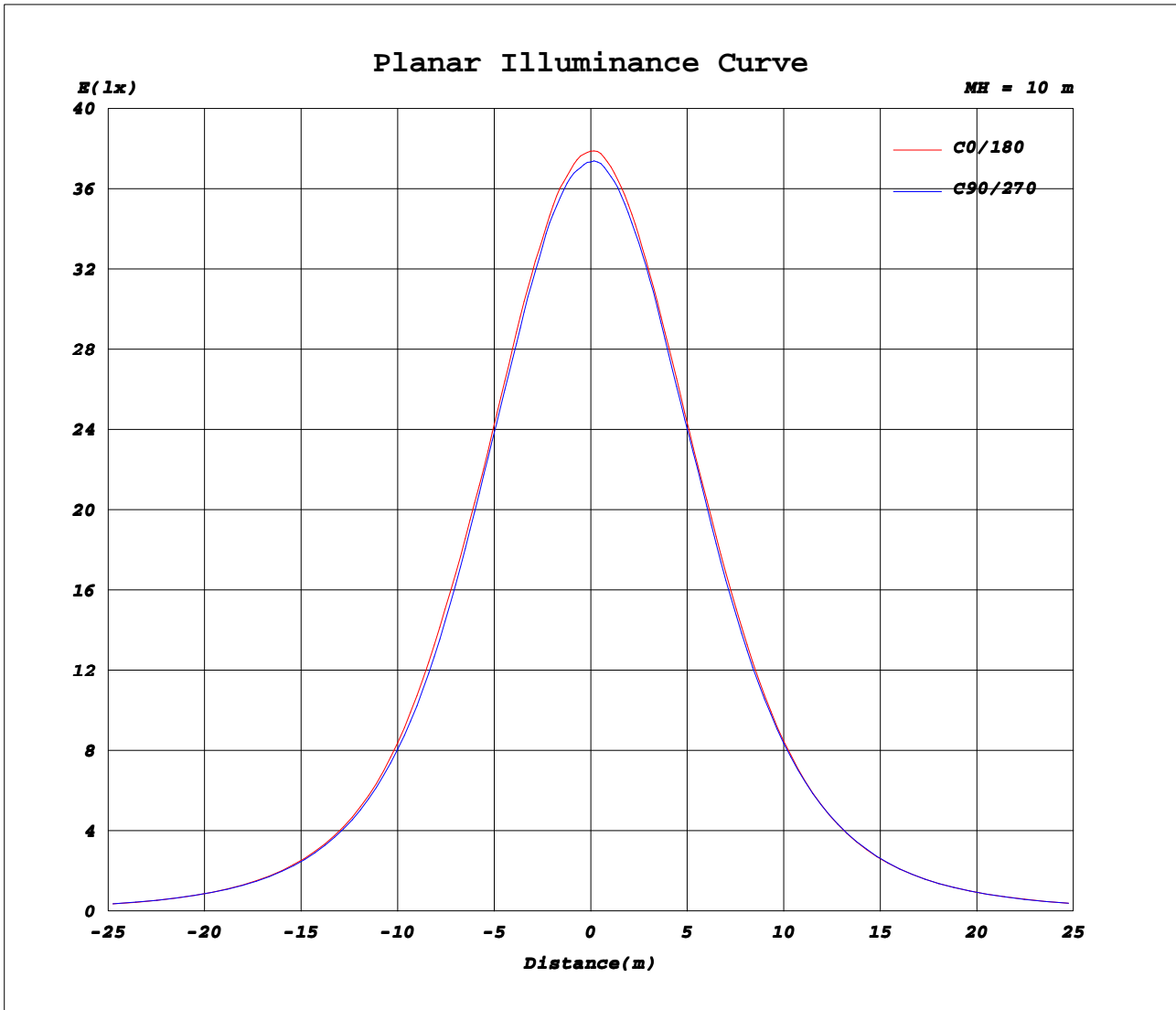
Test:U:220.8V I:0.4360A P:94.60W PF:0.9810 Lamp Flux:9586.08x1 lm		
NAME: UFO-100W	TYPE:LED	
DIM.: 310*310MM	SUR.:260*260mm	
MFR.:		



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZHANG
Test Date:2016-06-01

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: 2016-06-01

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:220.8V I:0.4360A P:94.60W PF:0.9810 Lamp Flux:9586.08x1 lm		
NAME: UFO-100W	TYPE:LED	
DIM.: 310*310MM	SUR.:260*260mm	
MFR.:		

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	3787	3767	3750	3734	3720	3710	3787	3767	3750	3734	3720	3710							
5	3766	3755	3731	3720	3706	3691	3776	3753	3737	3728	3718	3699							
10	3731	3710	3685	3680	3657	3647	3737	3710	3708	3691	3683	3672							
15	3658	3635	3620	3606	3588	3573	3667	3658	3636	3632	3613	3610							
20	3572	3544	3520	3502	3490	3475	3570	3558	3549	3532	3526	3518							
25	3438	3417	3395	3379	3352	3351	3451	3422	3422	3403	3411	3395							
30	3268	3256	3212	3207	3178	3185	3292	3256	3253	3254	3254	3249							
35	3060	3032	2973	2959	2936	2943	3071	3028	3018	3003	3041	3052							
40	2761	2716	2640	2638	2618	2626	2762	2718	2706	2704	2742	2774							
45	2376	2348	2285	2283	2263	2258	2398	2366	2375	2368	2403	2418							
50	1962	1956	1920	1904	1884	1878	2010	1999	2011	2003	2028	2026							
55	1578	1579	1554	1545	1525	1515	1630	1622	1641	1640	1655	1638							
60	1218	1222	1202	1200	1177	1183	1281	1267	1288	1282	1296	1282							
65	881	892	878	883	854	866	955	935	965	953	961	941							
70	586	597	590	596	572	577	657	637	667	656	661	641							
75	349	361	356	357	346	340	398	398	413	408	409	395							
80	163	173	167	170	161	160	201	201	211	208	211	201							
85	41.1	41.6	41.4	39.7	39.2	36.1	61.1	60.3	64.4	63.2	65.4	63.0							
90	13.1	13.1	13.0	12.9	12.9	12.8	17.5	17.4	17.2	16.8	16.6	16.9							
95	14.0	14.0	13.9	13.9	13.9	13.8	19.0	18.8	18.7	18.4	18.2	18.3							
100	15.1	15.1	15.0	14.9	15.0	14.9	20.6	20.3	20.3	20.0	19.8	19.9							
105	16.3	16.2	16.1	16.1	16.1	16.1	22.2	21.9	21.9	21.5	21.4	21.5							
110	17.4	17.4	17.3	17.2	17.3	17.2	23.7	23.4	23.4	23.0	22.9	23.0							
115	18.6	18.5	18.4	18.4	18.4	18.3	25.1	24.8	24.8	24.4	24.3	24.4							
120	19.8	19.7	19.7	19.6	19.6	19.6	26.4	26.0	26.1	25.7	25.6	25.7							
125	21.0	20.9	20.9	20.7	20.8	20.7	27.6	27.2	27.3	26.9	26.8	26.9							
130	22.2	22.1	22.1	21.9	22.0	21.9	28.5	28.1	28.3	27.8	27.7	27.8							
135	23.2	23.2	23.1	22.9	23.0	22.9	29.3	28.9	29.1	28.6	28.5	28.6							
140	24.2	24.2	24.1	23.9	24.0	23.9	30.0	29.6	29.8	29.3	29.2	29.3							
145	25.3	25.3	25.2	25.0	25.0	24.9	30.6	30.2	30.3	30.0	29.8	29.9							
150	26.5	26.5	26.4	26.2	26.2	26.0	31.2	30.8	30.8	30.6	30.5	30.6							
155	27.9	27.9	27.7	27.5	27.5	27.4	32.0	31.5	31.6	31.3	31.2	31.3							
160	29.3	29.3	29.1	28.9	28.9	28.8	32.8	32.3	32.3	32.1	31.9	32.0							
165	30.7	30.8	30.6	30.4	30.4	30.3	33.5	33.0	32.8	32.8	32.7	32.8							
170	31.8	31.9	31.6	31.4	31.4	31.3	33.9	33.4	33.2	33.1	33.2	33.3							
175	32.8	32.7	32.5	32.3	32.3	32.1	33.4	32.9	32.8	32.4	32.7	32.9							
180	32.8	32.7	32.2	32.2	32.3	32.3	33.0	32.4	32.3	32.1	32.1	32.3							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZHANG
Test Date:2016-06-01

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	3787	3767	3750	3734	3720	3710	3787	3767	3750	3734
3.0	3780	3763	3738	3721	3713	3698	3792	3774	3755	3741
6.0	3755	3749	3730	3716	3709	3684	3770	3741	3727	3722
9.0	3742	3722	3698	3691	3674	3660	3744	3716	3717	3701
12.0	3703	3688	3672	3665	3636	3611	3713	3694	3682	3664
15.0	3658	3635	3620	3606	3588	3573	3667	3658	3636	3632
18.0	3610	3589	3557	3559	3533	3530	3617	3596	3592	3587
21.0	3548	3526	3499	3477	3463	3446	3547	3532	3524	3507
24.0	3465	3451	3425	3408	3382	3372	3483	3451	3447	3430
27.0	3373	3354	3330	3317	3286	3292	3386	3361	3363	3345
30.0	3268	3256	3212	3207	3178	3185	3292	3256	3253	3254
33.0	3150	3129	3079	3065	3050	3051	3168	3125	3131	3107
36.0	3009	2980	2919	2897	2876	2887	3013	2970	2959	2948
39.0	2827	2785	2714	2705	2682	2696	2831	2787	2772	2769
42.0	2619	2573	2509	2494	2484	2481	2624	2585	2580	2579
45.0	2376	2348	2285	2283	2263	2258	2398	2366	2375	2368
48.0	2122	2104	2071	2060	2033	2026	2165	2153	2158	2153
51.0	1880	1882	1840	1831	1811	1806	1931	1923	1937	1932
54.0	1654	1655	1629	1617	1594	1586	1705	1699	1715	1714
57.0	1436	1434	1412	1404	1385	1380	1489	1479	1496	1496
60.0	1218	1222	1202	1200	1177	1183	1281	1267	1288	1282
63.0	1008	1017	1005	1004	978.3	990.2	1082	1066	1088	1080
66.0	818.1	827.2	815.3	821.5	793.7	805.3	894.0	871.9	905.0	889.1
69.0	641.7	652.8	643.4	650.8	625.7	632.7	713.3	692.6	724.4	710.8
72.0	483.3	498.1	486.8	493.8	474.7	476.0	549.3	533.0	559.3	548.2
75.0	348.7	361.2	355.7	357.0	345.6	340.3	397.8	397.5	413.4	408.4
78.0	230.4	241.4	237.3	237.4	229.4	224.5	273.0	274.6	285.7	282.6
81.0	133.5	140.9	136.8	137.8	131.4	129.2	168.1	167.5	177.3	174.0
84.0	57.11	60.76	58.07	58.57	55.10	53.57	85.06	82.75	89.91	86.58
87.0	16.13	16.99	15.81	16.12	15.16	15.06	29.49	28.03	30.47	29.22
90.0	13.08	13.13	13.02	12.89	12.90	12.83	17.51	17.39	17.21	16.84
93.0	13.60	13.65	13.55	13.46	13.47	13.40	18.38	18.21	18.09	17.74
96.0	14.19	14.22	14.14	14.06	14.10	14.02	19.33	19.05	19.02	18.68
99.0	14.87	14.87	14.77	14.70	14.77	14.68	20.29	20.00	19.97	19.63
102.0	15.59	15.55	15.44	15.38	15.46	15.37	21.24	20.94	20.92	20.58
105.0	16.30	16.25	16.13	16.07	16.14	16.06	22.19	21.89	21.85	21.53
108.0	17.00	16.95	16.83	16.77	16.83	16.76	23.10	22.79	22.77	22.44
111.0	17.66	17.60	17.50	17.44	17.48	17.41	24.00	23.67	23.68	23.33
114.0	18.33	18.27	18.18	18.12	18.15	18.09	24.84	24.50	24.52	24.16
117.0	19.06	19.00	18.93	18.84	18.86	18.82	25.64	25.29	25.31	24.95
120.0	19.80	19.74	19.66	19.56	19.58	19.56	26.41	26.04	26.09	25.72
123.0	20.51	20.46	20.37	20.26	20.30	20.27	27.15	26.76	26.82	26.44
126.0	21.24	21.18	21.10	20.96	21.01	20.98	27.80	27.40	27.49	27.10
129.0	21.96	21.92	21.84	21.68	21.74	21.68	28.37	27.97	28.08	27.67
132.0	22.61	22.59	22.50	22.34	22.41	22.31	28.87	28.47	28.60	28.17
135.0	23.18	23.20	23.11	22.94	23.01	22.88	29.32	28.92	29.06	28.64
138.0	23.78	23.82	23.72	23.53	23.62	23.47	29.75	29.35	29.49	29.07
141.0	24.38	24.42	24.32	24.12	24.20	24.05	30.15	29.74	29.88	29.47
144.0	25.03	25.05	24.96	24.74	24.79	24.65	30.49	30.08	30.21	29.84
147.0	25.74	25.75	25.64	25.42	25.46	25.33	30.85	30.43	30.52	30.21
150.0	26.48	26.49	26.37	26.16	26.16	26.04	31.23	30.81	30.84	30.60
153.0	27.30	27.31	27.17	26.94	26.96	26.83	31.66	31.24	31.25	31.01
156.0	28.15	28.18	28.00	27.80	27.81	27.70	32.13	31.70	31.72	31.46
159.0	28.98	29.04	28.85	28.64	28.65	28.56	32.61	32.17	32.19	31.92
162.0	29.87	29.91	29.71	29.51	29.51	29.42	33.08	32.65	32.59	32.37
165.0	30.71	30.77	30.57	30.37	30.36	30.26	33.48	32.99	32.80	32.77
168.0	31.43	31.52	31.35	31.14	31.13	30.96	33.78	33.29	33.01	32.98
171.0	32.06	32.08	31.82	31.64	31.65	31.51	33.92	33.40	33.14	33.05
174.0	32.65	32.63	32.40	32.19	32.19	31.99	33.61	33.06	32.85	32.56
177.0	32.76	32.75	32.32	32.20	32.22	32.21	32.99	32.63	32.63	32.22
180.0	32.80	32.73	32.21	32.22	32.29	32.34	32.95	32.38	32.33	32.11
G/C	300.0	330.0								
0.0	3720	3710								
3.0	3724	3708								
6.0	3716	3692								
9.0	3694	3678								
12.0	3657	3650								
15.0	3613	3610								
18.0	3570	3557								
21.0	3505	3495								
24.0	3435	3423								
27.0	3351	3340								
30.0	3254	3249								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: ZHANG
 Test Date: 2016-06-01

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	3144	3138
36.0	2984	3004
39.0	2806	2839
42.0	2612	2641
45.0	2403	2418
48.0	2182	2187
51.0	1953	1948
54.0	1728	1712
57.0	1510	1496
60.0	1296	1282
63.0	1089	1074
66.0	899.0	878.0
69.0	717.4	697.1
72.0	554.1	534.9
75.0	409.2	395.5
78.0	283.9	272.0
81.0	177.1	168.6
84.0	90.77	84.98
87.0	31.11	30.08
90.0	16.61	16.86
93.0	17.53	17.73
96.0	18.47	18.64
99.0	19.44	19.60
102.0	20.41	20.54
105.0	21.35	21.50
108.0	22.28	22.42
111.0	23.18	23.32
114.0	24.02	24.14
117.0	24.81	24.93
120.0	25.58	25.69
123.0	26.31	26.42
126.0	26.95	27.08
129.0	27.53	27.64
132.0	28.02	28.14
135.0	28.48	28.60
138.0	28.92	29.04
141.0	29.32	29.43
144.0	29.69	29.80
147.0	30.07	30.17
150.0	30.46	30.56
153.0	30.87	30.98
156.0	31.32	31.43
159.0	31.78	31.88
162.0	32.24	32.35
165.0	32.67	32.78
168.0	33.04	33.17
171.0	33.17	33.32
174.0	32.89	33.04
177.0	32.32	32.55
180.0	32.12	32.28

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZHANG
Test Date: 2016-06-01

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: