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LED Downlight M Series LE-  
M1-6W-830-60D

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Light Output Ratio:	100.0%	
Luminaire Power:	8.784 W	
SHR Nominal:	0.75	Calculated using the TM5
SHR Maximum:	0.90	fine grid method.

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C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Cao Chengpei  
Test Date: 2014-06-21

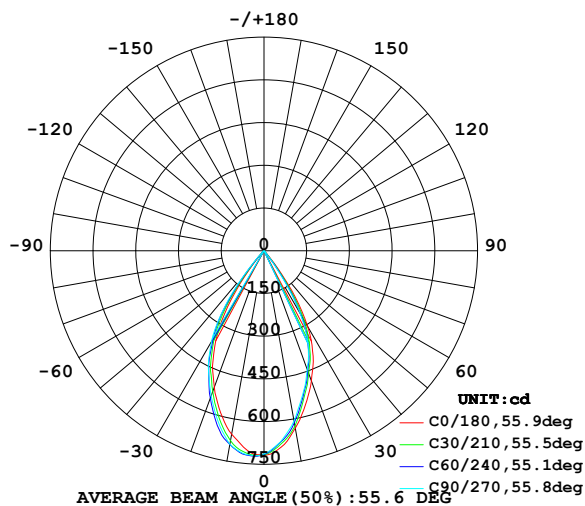
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 53.0%  
Test Distance: 5.780m [K=1.0000]  
Remarks:

## LUMINAIRE PHOTOMETRIC TEST REPORT

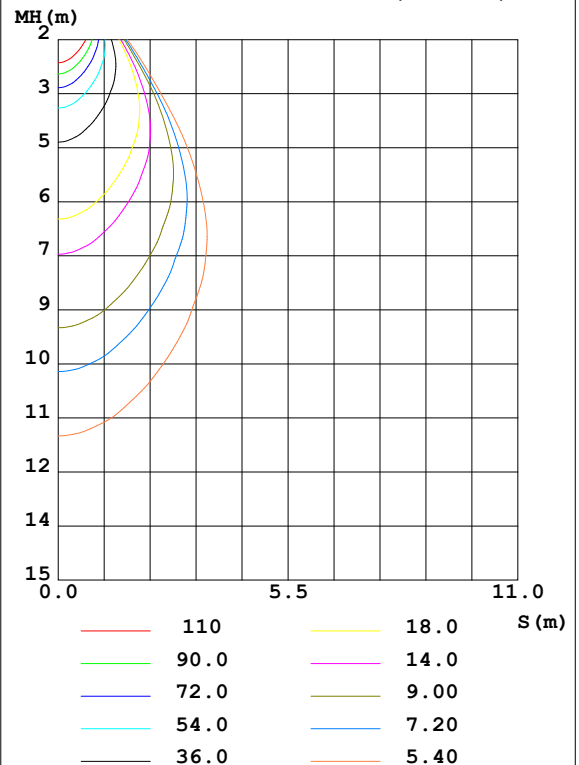
Test:U:220.3V I:0.0443A P:8.784W PF:0.9000 Lamp Flux:536.357x1 lm		
NAME: M1-6W-830-60D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: $\varnothing$ 50mm*H58mm	

DATA OF LAMP		PHOTOMETRIC DATA Eff: 61.06 lm/W			
MODEL	BRIDGELUX-3000K	I <sub>max</sub> (cd)	722.1	S/MH (C0/180)	0.85
NOMINAL POWER (W)	8	LOR (%)	100.0	S/MH (C90/270)	0.91
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	536.36	$\eta$ UP,DN (C0-180)	0.0,45.1
NOMINAL FLUX (lm)	536.357	CIE CLASS	DIRECT	$\eta$ UP,DN (C180-360)	0.0,54.9
LAMPS INSIDE	1	$\eta$ up (%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	220	$\eta$ down (%)	100.0	CIBSE SHR MAX	0.90

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



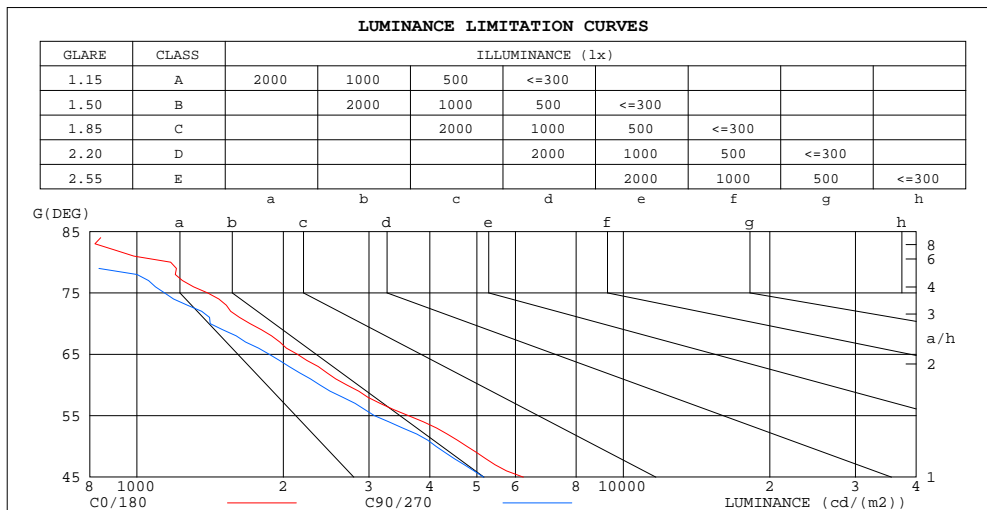
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Cao Chengpei  
 Test Date: 2014-06-21

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
 Humidity: 53.0%  
 Test Distance: 5.780m [K=1.0000]  
 Remarks:

## ZONAL FLUX DIAGRAM AND LUMINANCE LIMITATION CURVES

### ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum, lamp
10	632.9	620.1	607.4	622.9	654.3	685.0	689.9	653.4	0- 10	64.73	64.73	12.1,12.1
20	486.9	456.9	444.4	472.7	510.6	540.2	542.4	537.3	10- 20	160.7	225.5	42,42
30	305.9	275.4	255.9	276.8	316.2	348.5	369.3	346.0	20- 30	188.0	413.5	77.1,77.1
40	40.13	17.92	14.20	21.22	44.95	67.08	86.29	80.31	30- 40	105.7	519.2	96.8,96.8
50	6.019	5.497	5.197	5.447	5.876	6.597	6.969	6.561	40- 50	10.68	529.9	98.8,98.8
60	2.650	2.442	2.333	2.380	2.624	2.967	3.177	2.957	50- 60	3.741	533.6	99.5,99.5
70	1.147	1.016	0.9494	0.9601	1.122	1.307	1.384	1.288	60- 70	1.816	535.4	99.8,99.8
80	0.3998	0.2657	0.2482	0.2511	0.3711	0.4806	0.4922	0.4517	70- 80	0.7676	536.2	100,100
90	0	0	0	0	0	0	0	0	80- 90	0.1428	536.4	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



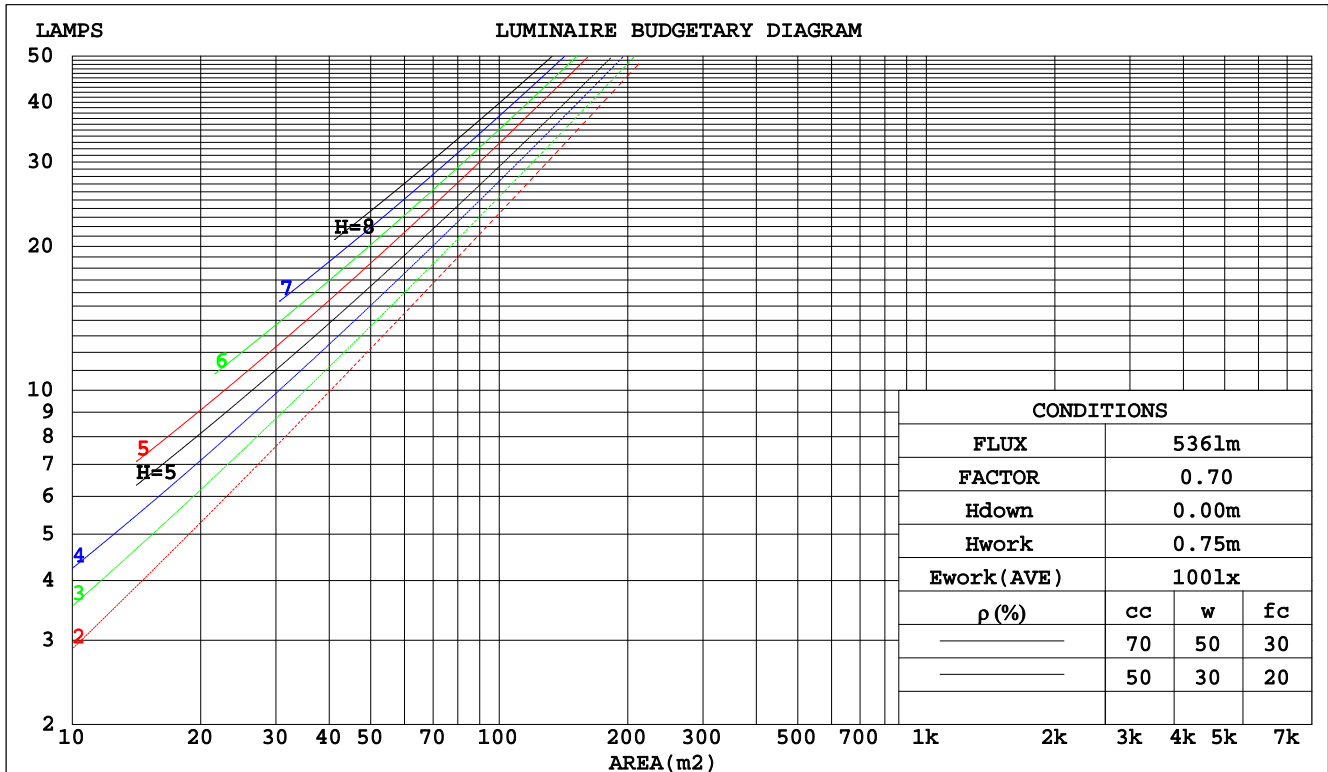
C Range: 0 - 360DEG  
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 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
 Humidity: 53.0%  
 Test Distance: 5.780m [K=1.0000]  
 Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.3V I:0.0443A P:8.784W PF:0.9000 Lamp Flux:536.357x1 lm		
NAME: M1-6W-830-60D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: $\phi$ 50mm*H58mm	

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	.00	.99	.98	.97	.96	.94
2.0	1.04	.00	.97	1.02	.99	.96	.99	.96	.94	.96	.94	.92	.93	.91	.90	.88
3.0	.97	.92	.89	.96	.91	.88	.93	.90	.87	.91	.88	.85	.89	.86	.84	.82
4.0	.91	.86	.82	.90	.85	.81	.88	.84	.80	.86	.82	.80	.84	.81	.79	.77
5.0	.86	.80	.76	.85	.80	.76	.83	.79	.75	.81	.78	.74	.80	.77	.74	.72
6.0	.81	.75	.71	.80	.75	.71	.79	.74	.70	.77	.73	.70	.76	.72	.69	.68
7.0	.76	.71	.67	.76	.70	.66	.74	.70	.66	.73	.69	.66	.72	.68	.65	.64
8.0	.72	.66	.63	.72	.66	.62	.71	.66	.62	.70	.65	.62	.69	.65	.62	.60
9.0	.68	.63	.59	.68	.63	.59	.67	.62	.59	.66	.62	.58	.65	.61	.58	.57
10.0	.65	.59	.56	.64	.59	.56	.64	.59	.55	.63	.58	.55	.62	.58	.55	.54



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 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
 Humidity:53.0%  
 Test Distance:5.780m [K=1.0000]  
 Remarks:

## WEC AND CCEC

Test:U:220.3V I:0.0443A P:8.784W PF:0.9000 Lamp Flux:536.357x1 lm									
NAME: M1-6W-830-60D					TYPE:Downlight			SERIAL No.:	
SPEC.:3000K					DIM.: φ50mm*H58mm				

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.172	.098	.031	.165	.094	.030	.152	.087	.028	.141	.081	.026	.130	.075	.024		
2.0	.164	.090	.028	.158	.087	.027	.148	.082	.025	.138	.077	.024	.129	.073	.023		
3.0	.156	.083	.025	.151	.081	.024	.142	.077	.023	.134	.073	.022	.126	.070	.022		
4.0	.148	.077	.023	.144	.075	.022	.136	.072	.022	.129	.069	.021	.123	.067	.020		
5.0	.141	.072	.021	.138	.071	.021	.131	.068	.020	.125	.066	.020	.119	.064	.019		
6.0	.135	.068	.019	.132	.067	.019	.126	.065	.019	.121	.063	.018	.115	.061	.018		
7.0	.129	.064	.018	.127	.063	.018	.121	.061	.018	.116	.060	.017	.112	.058	.017		
8.0	.124	.061	.017	.122	.060	.017	.117	.058	.017	.112	.057	.016	.108	.056	.016		
9.0	.119	.058	.016	.117	.057	.016	.113	.056	.016	.109	.054	.016	.105	.053	.015		
10.0	.114	.055	.015	.112	.054	.015	.109	.053	.015	.105	.052	.015	.102	.051	.015		

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)										
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020		
1.0	.171	.157	.145	.146	.135	.125	.100	.093	.086	.058	.054	.050	.018	.017	.016		
2.0	.155	.133	.114	.133	.114	.098	.091	.079	.068	.053	.046	.040	.017	.015	.013		
3.0	.142	.114	.090	.122	.098	.078	.084	.068	.055	.048	.040	.032	.016	.013	.011		
4.0	.132	.099	.073	.113	.085	.064	.078	.059	.045	.045	.035	.027	.014	.011	.009		
5.0	.123	.087	.060	.106	.075	.053	.073	.053	.037	.042	.031	.022	.014	.010	.007		
6.0	.116	.078	.050	.099	.067	.044	.069	.047	.031	.040	.028	.018	.013	.009	.006		
7.0	.109	.070	.043	.094	.061	.037	.065	.043	.026	.038	.025	.016	.012	.008	.005		
8.0	.103	.064	.037	.089	.055	.032	.062	.039	.023	.036	.023	.013	.012	.008	.004		
9.0	.098	.059	.032	.085	.051	.028	.059	.036	.020	.034	.021	.012	.011	.007	.004		
10.0	.094	.054	.028	.081	.047	.024	.056	.033	.017	.033	.020	.010	.011	.006	.003		

C Range: 0 - 360DEG  
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γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
 Humidity:53.0%  
 Test Distance:5.780m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.3V I:0.0443A P:8.784W PF:0.9000 Lamp Flux:536.357x1 lm										
NAME: M1-6W-830-60D					TYPE:Downlight			SERIAL No.:		
SPEC.:3000K					DIM.: $\phi$ 50mm*H58mm					
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	18.3	19.2	18.5	19.3	19.5	16.7	17.7	17.0	17.8	18.0
3H	18.1	18.9	18.4	19.1	19.3	16.6	17.4	16.9	17.6	17.8
4H	18.0	18.8	18.3	19.0	19.3	16.5	17.3	16.8	17.5	17.8
6H	18.0	18.7	18.2	18.9	19.2	16.4	17.2	16.7	17.4	17.7
8H	17.9	18.6	18.2	18.9	19.1	16.4	17.1	16.7	17.4	17.6
12H	17.9	18.5	18.2	18.8	19.1	16.4	17.0	16.7	17.3	17.6
4H 2H	18.0	18.8	18.3	19.0	19.2	16.5	17.3	16.8	17.5	17.7
3H	17.9	18.5	18.2	18.8	19.1	16.4	17.1	16.7	17.3	17.6
4H	17.8	18.4	18.1	18.7	19.0	16.3	16.9	16.6	17.2	17.5
6H	17.7	18.2	18.1	18.6	18.9	16.2	16.8	16.6	17.1	17.4
8H	17.7	18.2	18.0	18.5	18.9	16.2	16.7	16.6	17.0	17.4
12H	17.6	18.1	18.0	18.4	18.8	16.1	16.6	16.5	16.9	17.3
8H 4H	17.6	18.1	18.0	18.5	18.9	16.2	16.7	16.5	17.0	17.4
6H	17.6	18.0	18.0	18.4	18.8	16.1	16.5	16.5	16.9	17.3
8H	17.5	17.9	18.0	18.3	18.7	16.0	16.4	16.5	16.8	17.2
12H	17.5	17.8	17.9	18.2	18.7	16.0	16.3	16.4	16.7	17.2
12H 4H	17.6	18.1	18.0	18.4	18.8	16.1	16.6	16.5	16.9	17.3
6H	17.5	17.9	17.9	18.3	18.7	16.0	16.4	16.5	16.8	17.2
8H	17.5	17.8	17.9	18.2	18.7	16.0	16.3	16.4	16.7	17.2
Variations with the observer position at spacings:										
S = 1.0H	+ 5.2 / - 8.7					+ 4.9 / - 5.3				
1.5H	+ 7.9 / - 7.6					+ 7.2 / - 4.2				
2.0H	+ 2.3 / - 1.9					+ 1.9 / - 1.8				

CIE Pub.117 Corrected 536.4 lm Total Lamp Luminous Flux.(8log(F/F0) = -2.2)

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$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
 Humidity:53.0%  
 Test Distance:5.780m [K=1.0000]  
 Remarks:

## UTILIZATION FACTORS TABLE

Test:U:220.3V I:0.0443A P:8.784W PF:0.9000 Lamp Flux:536.357x1 lm		
NAME: M1-6W-830-60D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: $\phi$ 50mm*H58mm	

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) $k(RI) \times RCR = 5$									
$k = 0.60$	90	84	80	89	83	80	88	83	80	77
0.80	97	91	88	96	91	88	95	90	87	84
1.00	101	96	92	100	95	92	98	95	91	88
1.25	104	100	96	103	99	96	102	98	95	91
1.50	107	103	99	106	102	99	104	100	98	94
2.00	109	105	102	108	104	102	105	102	100	95
2.50	111	107	105	109	106	104	106	104	102	96
3.00	112	109	107	111	108	105	107	105	103	97
4.00	114	112	110	112	110	108	109	107	106	99
5.00	115	113	112	113	112	110	109	108	107	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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 Remarks:

## ISOCANDELA DIAGRAM

Test:U:220.3V I:0.0443A P:8.784W PF:0.9000 Lamp Flux:536.357x1 lm		
NAME: M1-6W-830-60D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: $\phi$ 50mm*H58mm	

Conical surface Flux(90deg):

526.98 lm

%lum = 98.3%

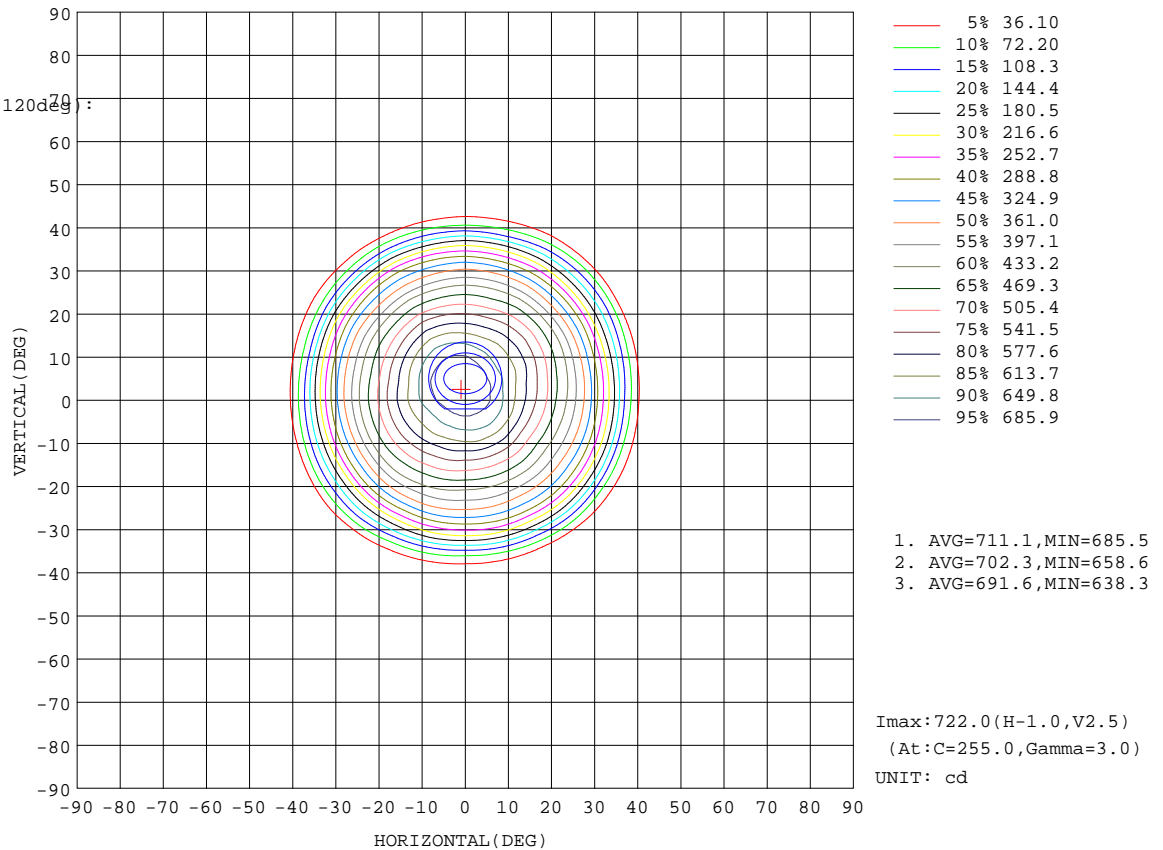
%lamp = 98.3%

Conical surface Flux(120deg):

533.63 lm

%lum = 99.5%

%lamp = 99.5%



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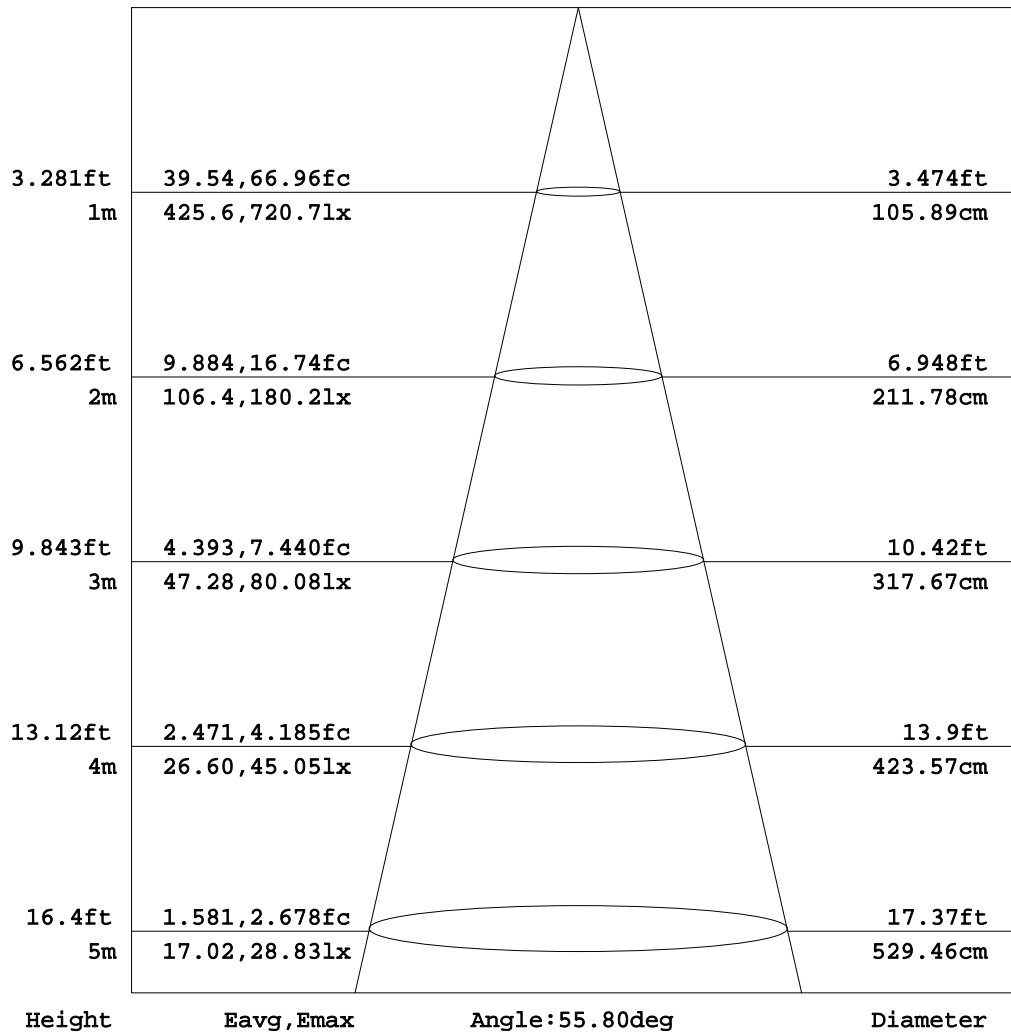
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Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity:53.0%  
Test Distance:5.780m [K=1.0000]  
Remarks:



## AAI Figure

Test:U:220.3V I:0.0443A P:8.784W PF:0.9000 Lamp Flux:536.357x1 lm		
NAME: M1-6W-830-60D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: $\phi$ 50mm*H58mm	

Flux out:378.0 lm



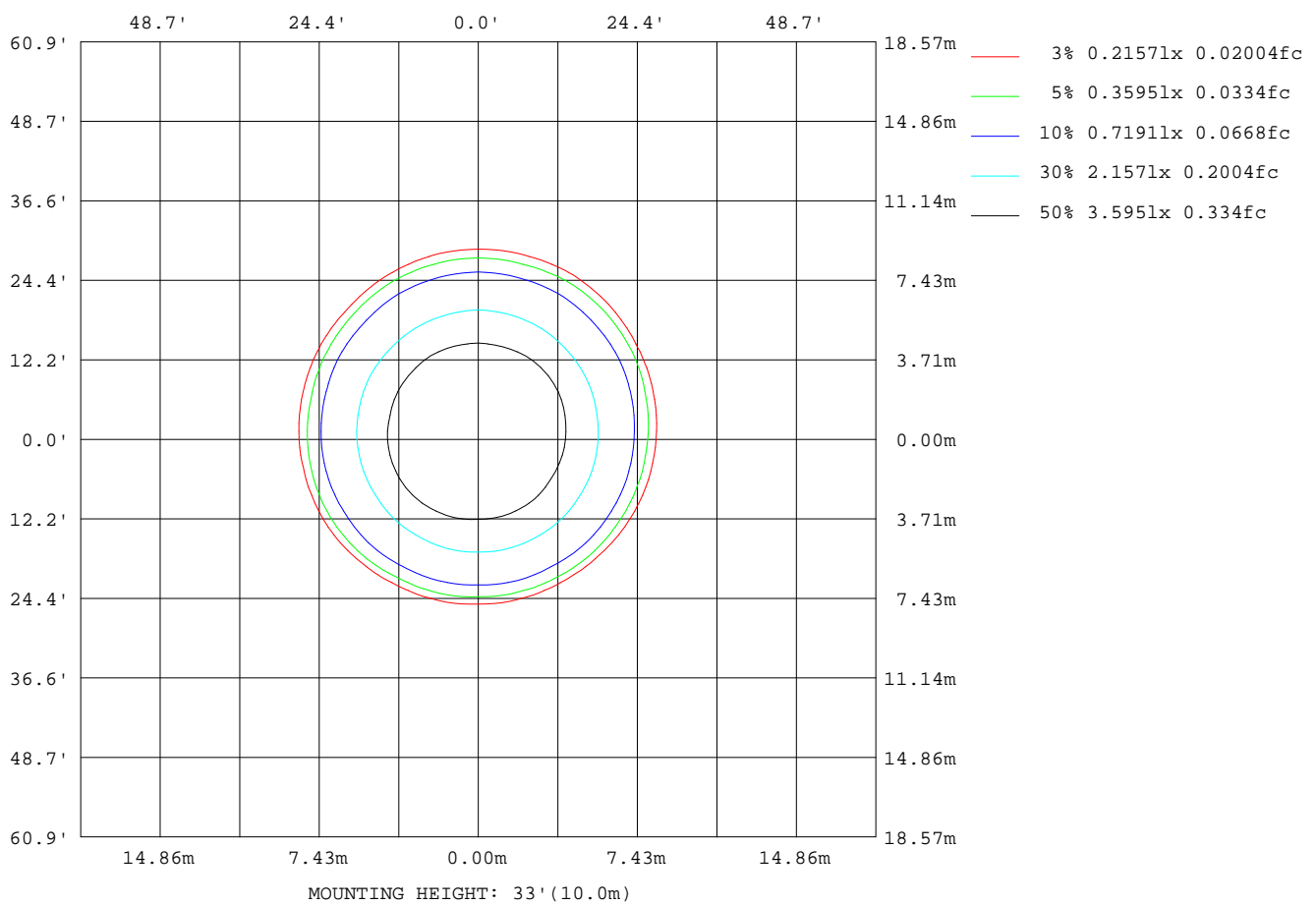
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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## ISOLUX DIAGRAM

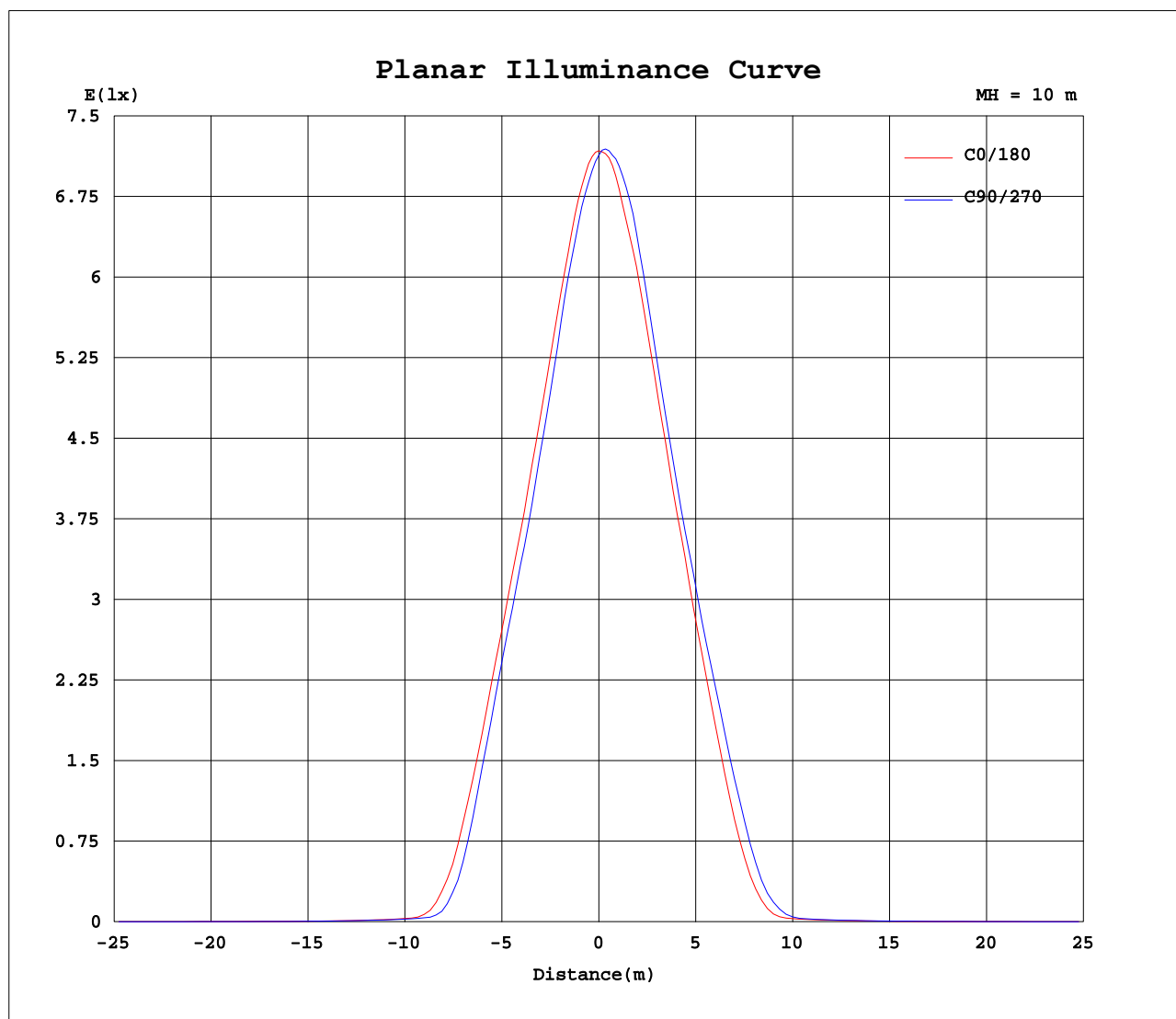
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Humidity:53.0%  
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Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
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## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.3V I:0.0443A P:8.784W PF:0.9000 Lamp Flux:536.357x1 lm		
NAME: M1-6W-830-60D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: φ50mm*H58mm	

Table--1

UNIT: cd

[illegible]

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Cao Chengpei  
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## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.3V I:0.0443A P:8.784W PF:0.9000 Lamp Flux:536.357x1 lm		
NAME: M1-6W-830-60D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: φ50mm*H58mm	

Table--2

UNIT: cd

[illegible]

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Cao Chengpei  
Test Date: 2014-06-21

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γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:53.0%
Test Distance:5.780m [K=1.0000]
Remarks:

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## Photometric Data Table [cd]

G/C	0.0	15.0	30.0	45.0	60.0	75.0	90.0	105.0	120.0	135.0
0.0	717.6	717.2	716.2	716.1	715.0	714.9	713.5	712.5	711.7	711.5
3.0	708.4	705.0	699.3	696.6	693.8	692.9	691.2	692.0	692.8	695.6
6.0	683.8	678.5	672.7	669.4	665.2	662.6	660.7	661.4	661.3	665.3
9.0	645.9	644.1	639.0	635.9	629.3	626.9	622.2	621.2	625.9	633.8
12.0	606.1	599.3	591.6	588.2	581.0	576.9	572.4	578.1	582.3	594.5
15.0	561.5	549.4	538.4	537.5	529.9	525.1	524.5	531.0	537.8	551.0
18.0	517.6	505.0	492.9	491.9	484.5	479.3	478.0	486.1	493.7	508.8
21.0	469.4	455.5	443.0	440.4	434.1	430.7	429.5	438.0	446.6	458.8
24.0	425.7	411.7	400.1	394.2	385.4	383.7	383.0	389.4	395.7	410.4
27.0	371.4	358.9	345.8	340.3	331.4	330.2	328.8	334.2	337.8	348.5
30.0	305.9	295.3	283.5	275.4	261.7	260.8	255.9	258.4	260.8	276.8
33.0	225.3	215.2	197.5	188.3	174.3	169.6	164.8	172.3	174.5	187.7
36.0	135.5	122.8	105.7	95.71	82.64	76.54	73.01	81.80	88.11	108.1
39.0	60.63	48.73	36.32	26.56	21.71	21.75	20.99	23.70	25.76	33.03
42.0	16.74	13.61	10.99	9.929	9.394	9.209	9.175	9.263	9.500	10.05
45.0	8.640	8.172	7.796	7.564	7.369	7.252	7.163	7.256	7.378	7.595
48.0	6.838	6.632	6.436	6.260	6.083	6.028	5.894	6.055	6.102	6.243
51.0	5.628	5.452	5.224	5.150	4.983	4.975	4.895	5.029	5.003	5.083
54.0	4.474	4.356	4.110	4.032	3.914	3.886	3.799	3.859	3.865	3.974
57.0	3.379	3.317	3.137	3.122	3.033	3.028	3.001	2.995	3.022	3.076
60.0	2.650	2.587	2.483	2.442	2.393	2.381	2.333	2.332	2.350	2.380
63.0	2.102	2.055	1.965	1.932	1.865	1.866	1.832	1.827	1.836	1.864
66.0	1.620	1.576	1.547	1.503	1.465	1.450	1.420	1.421	1.441	1.463
69.0	1.268	1.211	1.162	1.128	1.105	1.080	1.056	1.051	1.076	1.076
72.0	0.9453	0.9017	0.8702	0.8375	0.8494	0.8248	0.8245	0.8226	0.8182	0.8227
75.0	0.7102	0.6608	0.6354	0.6046	0.5979	0.5734	0.5789	0.5590	0.5666	0.5693
78.0	0.4894	0.4571	0.4581	0.4299	0.4291	0.4006	0.4083	0.3985	0.4165	0.4236
81.0	0.3026	0.2491	0.2439	0.2096	0.2065	0.1847	0.1940	0.1764	0.2023	0.1931
84.0	0.1729	0.1429	0.1376	0.0952	0.1003	0.0764	0.0836	0.0661	0.0982	0.0952
87.0	0.0379	0	0.0004	0	0.0001	0	0	0	0.0001	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	711.7	711.8	717.6	717.2	716.2	716.1	714.9	715.0	713.5	712.5
3.0	698.1	703.4	714.0	716.4	718.8	720.7	721.9	722.1	720.6	718.3
6.0	668.3	676.5	693.1	701.5	708.7	713.4	717.5	716.9	715.0	709.9
9.0	639.5	648.1	663.6	674.4	688.8	694.9	699.4	699.7	697.7	688.2
12.0	604.7	616.8	631.4	637.7	652.9	664.9	674.0	672.3	664.3	652.9
15.0	564.9	577.9	589.1	591.9	608.8	623.7	634.8	631.2	622.2	614.8
18.0	522.0	533.3	542.9	546.2	560.0	573.6	584.8	580.5	574.4	570.1
21.0	471.9	481.2	492.4	497.0	509.6	523.1	534.6	530.3	526.7	523.0
24.0	420.7	432.3	444.8	449.9	461.9	466.6	476.8	475.7	476.9	472.3
27.0	356.1	369.2	383.2	390.5	404.6	410.9	422.1	422.9	427.1	423.6
30.0	286.7	300.9	316.2	329.4	344.0	348.5	357.3	362.3	369.3	364.4
33.0	197.1	215.4	234.3	248.8	268.9	281.4	293.6	296.1	298.7	291.9
36.0	117.7	132.1	143.6	158.9	176.6	184.4	199.6	206.7	213.2	206.0
39.0	47.96	56.59	64.97	71.08	82.60	91.72	103.7	112.0	116.9	108.2
42.0	11.36	14.13	18.01	22.34	27.77	27.87	32.40	40.89	44.63	43.09
45.0	7.793	7.896	8.340	8.765	9.408	9.831	10.66	11.63	12.89	11.74
48.0	6.443	6.470	6.679	6.847	7.163	7.538	7.730	7.762	7.958	7.840
51.0	5.138	5.241	5.475	5.610	5.856	6.129	6.363	6.361	6.519	6.451
54.0	4.039	4.183	4.409	4.497	4.779	4.946	5.191	5.198	5.322	5.268
57.0	3.095	3.180	3.331	3.430	3.646	3.759	4.002	3.996	4.114	4.104
60.0	2.402	2.489	2.624	2.703	2.850	2.967	3.133	3.113	3.177	3.184
63.0	1.895	1.968	2.071	2.145	2.225	2.320	2.441	2.423	2.466	2.466
66.0	1.488	1.532	1.600	1.665	1.752	1.823	1.932	1.946	1.970	1.950
69.0	1.130	1.159	1.232	1.311	1.392	1.434	1.490	1.505	1.521	1.525
72.0	0.8576	0.8646	0.9205	0.9722	1.024	1.080	1.138	1.162	1.177	1.166
75.0	0.6123	0.6255	0.6855	0.7640	0.7955	0.8346	0.8624	0.8886	0.8728	0.8886
78.0	0.4414	0.4467	0.4860	0.5225	0.5401	0.5871	0.6127	0.6433	0.6334	0.6309
81.0	0.2293	0.2366	0.2676	0.3272	0.3690	0.4226	0.4421	0.4662	0.4341	0.4661
84.0	0.1375	0.1226	0.1330	0.1688	0.1639	0.2002	0.2094	0.2480	0.2260	0.2397
87.0	0.0004	0	0	0.0546	0.0680	0.1063	0.0829	0.1126	0.0890	0.1043
90.0	0	0	0	0	0	0	0	0	0	0
G/C	300.0	315.0	330.0	345.0						
0.0	711.7	711.5	711.7	711.8						
3.0	715.5	711.9	710.2	706.5						
6.0	706.7	699.4	694.1	685.3						
9.0	676.3	663.4	659.6	649.3						
12.0	645.8	636.7	632.0	614.6						
15.0	614.1	605.5	594.6	571.9						
18.0	571.0	564.3	550.7	531.4						
21.0	525.7	521.2	506.0	485.4						

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Cao Chengpei  
 Test Date: 2014-06-21

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
 Humidity: 53.0%  
 Test Distance: 5.780m [K=1.0000]  
 Remarks:

## Photometric Data Table [cd]

24.0	475.7	468.9	458.4	440.8
27.0	421.4	411.4	401.8	383.9
30.0	359.5	346.0	336.1	319.0
33.0	287.7	274.4	260.4	240.0
36.0	199.9	183.4	172.3	154.4
39.0	112.1	104.4	94.89	74.31
42.0	41.73	30.67	24.11	20.44
45.0	11.11	9.773	9.502	9.094
48.0	7.710	7.514	7.402	7.112
51.0	6.352	6.124	6.049	5.829
54.0	5.177	4.965	4.931	4.684
57.0	4.024	3.802	3.748	3.534
60.0	3.115	2.957	2.923	2.778
63.0	2.423	2.294	2.252	2.183
66.0	1.905	1.815	1.762	1.692
69.0	1.475	1.415	1.375	1.305
72.0	1.132	1.070	1.016	0.9845
75.0	0.8353	0.8179	0.7728	0.7494
78.0	0.5919	0.5788	0.5151	0.5039
81.0	0.4194	0.4162	0.3628	0.3436
84.0	0.2073	0.1919	0.1514	0.1647
87.0	0.0765	0.0897	0.0453	0.0462
90.0	0	0	0	0

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Cao Chengpei  
Test Date: 2014-06-21

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 53.0%  
Test Distance: 5.780m [K=1.0000]  
Remarks: