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LED Downlight M Series LE-  
M1-6W-840-60D

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Light Output Ratio:	100.0%	
Luminaire Power:	8.861 W	
SHR Nominal:	0.75	Calculated using the TM5
SHR Maximum:	0.95	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

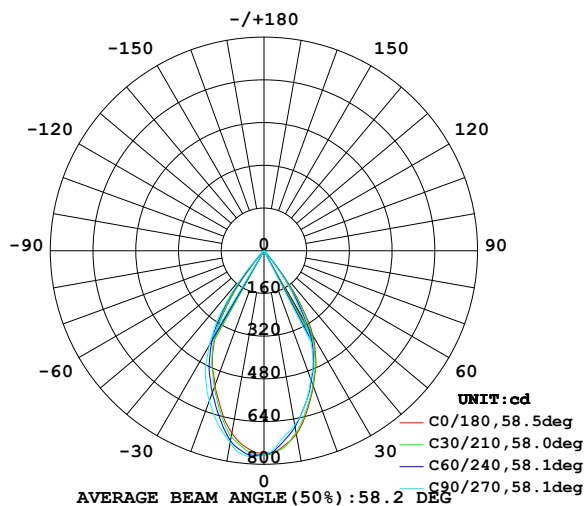
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 53.0%  
Test Distance: 5.780m [K=1.0000]  
Remarks:

## LUMINAIRE PHOTOMETRIC TEST REPORT

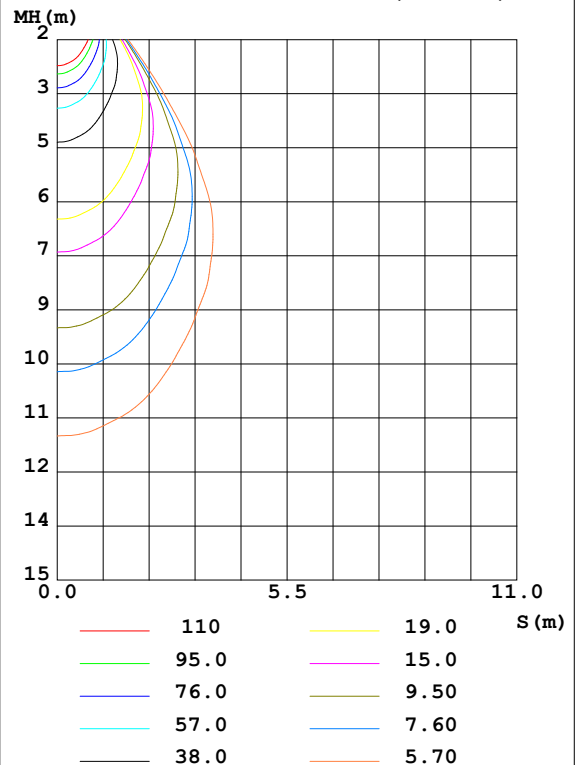
Test:U:220.4V I:0.0446A P:8.861W PF:0.9018 Lamp Flux:605.391x1 lm		
NAME: M1-6W-840-60D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: $\varnothing$ 50mm*H58mm	

DATA OF LAMP		PHOTOMETRIC DATA Eff: 68.32 lm/W			
MODEL	BRIDGELUX-4000K	I <sub>max</sub> (cd)	774.6	S/MH (C0/180)	0.86
NOMINAL POWER (W)	8	LOR (%)	100.0	S/MH (C90/270)	0.93
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	605.39	$\eta$ UP,DN (C0-180)	0.0,46.5
NOMINAL FLUX (lm)	605.391	CIE CLASS	DIRECT	$\eta$ UP,DN (C180-360)	0.0,53.5
LAMPS INSIDE	1	$\eta$ up (%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	220	$\eta$ down (%)	100.0	CIBSE SHR MAX	0.95

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



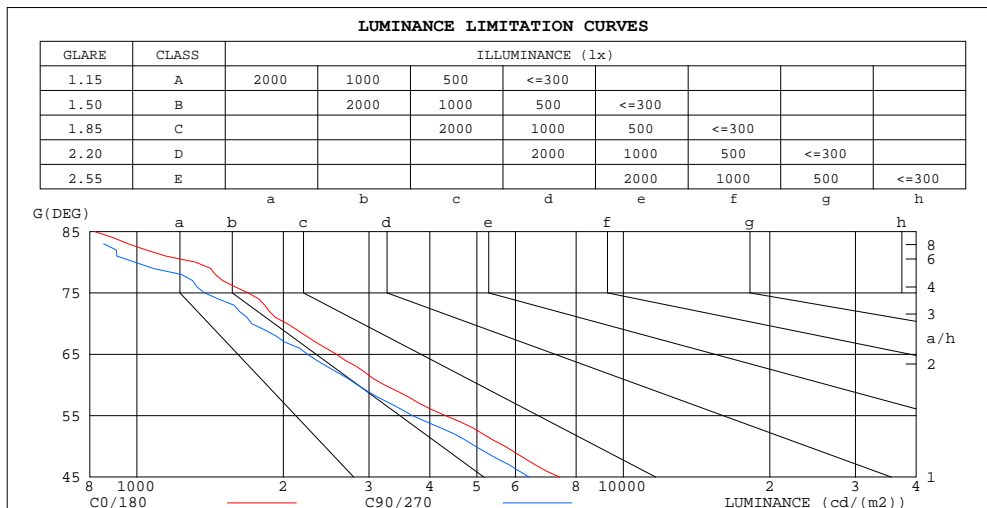
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Cao Chengpei  
Test Date: 2014-06-21

$\gamma$  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	$\%lum, lamp$
10	697.5	678.9	662.6	652.0	693.9	714.1	730.0	737.7	0- 10	69.66	69.66	11.5,11.5
20	540.6	527.5	512.7	499.1	536.7	551.9	598.8	590.5	10- 20	174.4	244.1	40.3,40.3
30	365.4	343.1	310.8	313.8	362.4	377.0	408.9	403.9	20- 30	210.3	454.4	75.1,75.1
40	59.47	41.34	28.43	32.54	57.06	74.90	115.1	91.90	30- 40	130.0	584.3	96.5,96.5
50	7.212	6.553	6.267	6.640	6.990	7.511	7.543	7.375	40- 50	13.53	597.9	98.8,98.8
60	3.168	2.864	2.787	3.028	3.156	3.390	3.438	3.298	50- 60	4.358	602.2	99.5,99.5
70	1.368	1.203	1.156	1.282	1.336	1.482	1.484	1.432	60- 70	2.117	604.3	99.8,99.8
80	0.4501	0.3342	0.3376	0.3986	0.4024	0.5246	0.5189	0.5017	70- 80	0.8987	605.2	100,100
90	0	0	0	0	0	0	0	0	80- 90	0.1613	605.4	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		



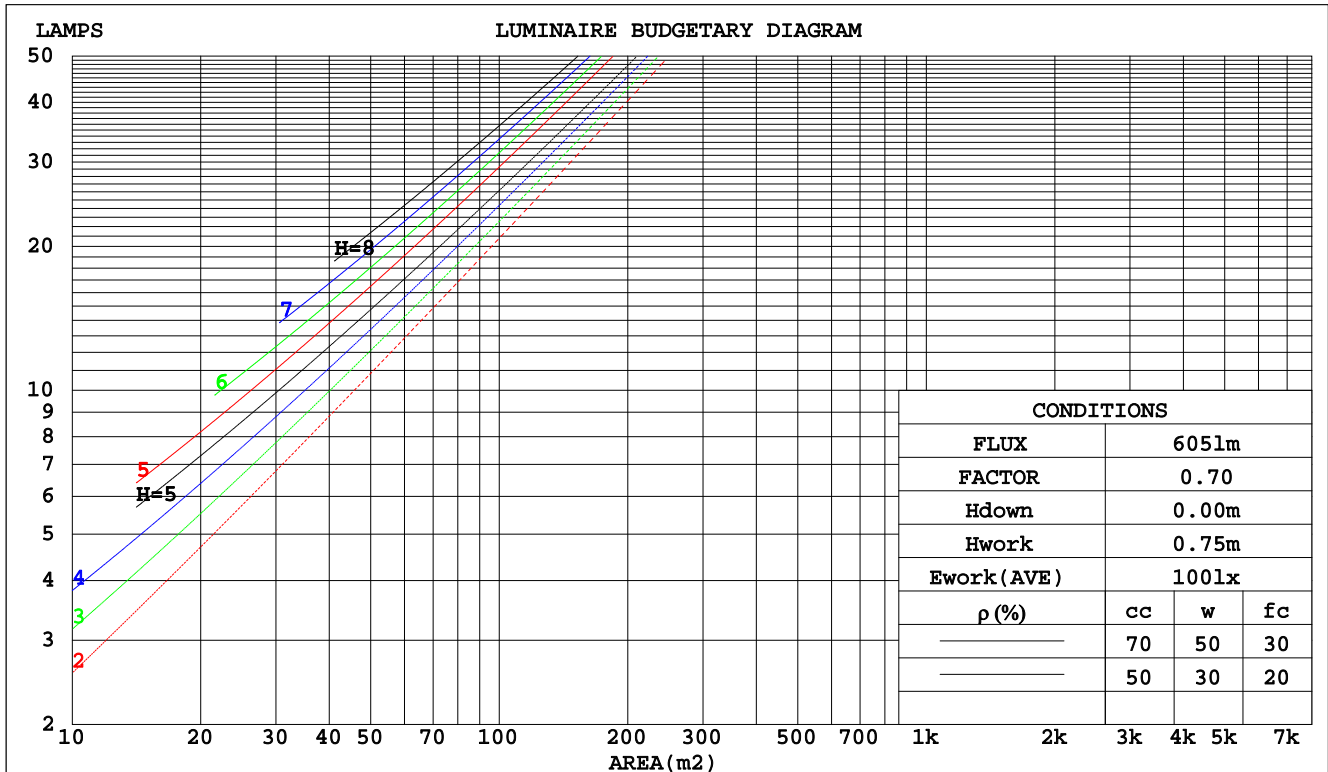
C Range: 0 - 360DEG  
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Temperature: 25.3DEG  
Operators: Cao Chengpei  
Test Date: 2014-06-21

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

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.4V I:0.0446A P:8.861W PF:0.9018 Lamp Flux:605.391x1 lm		
NAME: M1-6W-840-60D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	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	1.06	1.09	1.07	1.05	1.05	1.03	1.01	1.01	.00	.98	.98	.97	.96	.94
2.0	1.04	.00	.96	1.02	.98	.95	.99	.96	.93	.96	.93	.91	.93	.91	.89	.88
3.0	.97	.92	.88	.95	.91	.88	.93	.89	.86	.90	.87	.85	.88	.86	.83	.82
4.0	.91	.85	.81	.90	.85	.81	.88	.83	.80	.86	.82	.79	.84	.81	.78	.77
5.0	.85	.80	.75	.84	.79	.75	.83	.78	.74	.81	.77	.74	.79	.76	.73	.72
6.0	.80	.74	.70	.79	.74	.70	.78	.73	.70	.77	.72	.69	.75	.72	.69	.67
7.0	.76	.70	.66	.75	.69	.66	.74	.69	.65	.73	.68	.65	.71	.68	.65	.63
8.0	.71	.66	.62	.71	.65	.62	.70	.65	.61	.69	.64	.61	.68	.64	.61	.59
9.0	.68	.62	.58	.67	.62	.58	.66	.61	.58	.65	.61	.58	.64	.60	.57	.56
10.0	.64	.58	.55	.64	.58	.55	.63	.58	.54	.62	.58	.54	.61	.57	.54	.53



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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

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SPEC.:4000K	DIM.: $\varnothing$ 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						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.173	.099	.031	.167	.095	.030	.154	.088	.028	.143	.082	.026	.132	.076	.025		
2.0	.166	.091	.028	.160	.088	.027	.150	.083	.026	.140	.078	.025	.131	.074	.023		
3.0	.158	.084	.025	.153	.082	.025	.144	.078	.024	.136	.074	.023	.128	.071	.022		
4.0	.150	.078	.023	.146	.077	.023	.138	.073	.022	.131	.071	.021	.125	.068	.021		
5.0	.143	.073	.021	.140	.072	.021	.133	.069	.020	.127	.067	.020	.121	.065	.019		
6.0	.137	.069	.020	.134	.068	.019	.128	.066	.019	.122	.064	.019	.117	.062	.018		
7.0	.131	.065	.018	.128	.064	.018	.123	.062	.018	.118	.061	.018	.114	.059	.017		
8.0	.126	.061	.017	.123	.061	.017	.119	.059	.017	.114	.058	.017	.110	.056	.016		
9.0	.121	.058	.016	.118	.058	.016	.114	.056	.016	.110	.055	.016	.107	.054	.016		
10.0	.116	.056	.015	.114	.055	.015	.110	.054	.015	.107	.053	.015	.103	.052	.015		

$\rho_{cc}$	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						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	.113	.133	.114	.098	.091	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.143	.114	.090	.122	.098	.078	.084	.068	.055	.049	.040	.032	.016	.013	.011	
4.0	.132	.099	.073	.114	.085	.063	.078	.059	.045	.045	.035	.026	.015	.011	.009	
5.0	.124	.087	.060	.106	.075	.052	.073	.053	.037	.042	.031	.022	.014	.010	.007	
6.0	.116	.078	.050	.100	.067	.044	.069	.047	.031	.040	.028	.018	.013	.009	.006	
7.0	.110	.070	.042	.095	.061	.037	.065	.043	.026	.038	.025	.016	.012	.008	.005	
8.0	.104	.064	.036	.090	.056	.032	.062	.039	.022	.036	.023	.013	.012	.008	.004	
9.0	.099	.059	.031	.085	.051	.027	.059	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.095	.054	.028	.082	.047	.024	.057	.033	.017	.033	.020	.010	.011	.006	.003	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
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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:

UGR(Unified Glare Rating) Table

Test:U:220.4V I:0.0446A P:8.861W PF:0.9018 Lamp Flux:605.391x1 lm										
NAME: M1-6W-840-60D					TYPE:Downlight			SERIAL No.:		
SPEC.:4000K					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	19.8	20.7	20.0	20.9	21.1	18.4	19.3	18.6	19.5	19.7
3H	19.7	20.5	19.9	20.7	20.9	18.3	19.1	18.5	19.3	19.5
4H	19.6	20.4	19.9	20.6	20.8	18.2	19.0	18.5	19.2	19.4
6H	19.5	20.2	19.8	20.5	20.7	18.1	18.9	18.4	19.1	19.4
8H	19.5	20.2	19.8	20.4	20.7	18.1	18.8	18.4	19.0	19.3
12H	19.4	20.1	19.7	20.4	20.6	18.0	18.7	18.3	19.0	19.3
4H 2H	19.6	20.4	19.8	20.6	20.8	18.2	19.0	18.5	19.2	19.4
3H	19.4	20.1	19.7	20.4	20.6	18.0	18.7	18.4	19.0	19.3
4H	19.3	20.0	19.7	20.3	20.6	18.0	18.6	18.3	18.9	19.2
6H	19.2	19.8	19.6	20.1	20.5	17.9	18.4	18.2	18.7	19.1
8H	19.2	19.7	19.6	20.1	20.4	17.8	18.3	18.2	18.7	19.0
12H	19.1	19.6	19.6	20.0	20.4	17.8	18.2	18.2	18.6	19.0
8H 4H	19.2	19.7	19.6	20.0	20.4	17.8	18.3	18.2	18.7	19.0
6H	19.1	19.5	19.5	19.9	20.3	17.7	18.1	18.2	18.5	18.9
8H	19.0	19.4	19.5	19.8	20.3	17.7	18.0	18.1	18.5	18.9
12H	19.0	19.3	19.5	19.7	20.2	17.6	17.9	18.1	18.4	18.8
12H 4H	19.1	19.6	19.5	20.0	20.4	17.8	18.2	18.2	18.6	19.0
6H	19.0	19.4	19.5	19.8	20.3	17.7	18.0	18.1	18.5	18.9
8H	19.0	19.3	19.5	19.7	20.2	17.6	17.9	18.1	18.4	18.8
Variations with the observer position at spacings:										
S = 1.0H	+ 4.9 / -10.1					+ 4.7 / - 8.7				
1.5H	+ 7.6 / - 9.0					+ 7.4 / - 7.5				
2.0H	+ 2.2 / - 1.9					+ 2.1 / - 1.8				

CIE Pub.117 Corrected 605.4 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.7)

C Range: 0 - 360DEG  
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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:220.4V I:0.0446A P:8.861W PF:0.9018 Lamp Flux:605.391x1 lm		
NAME: M1-6W-840-60D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: $\varnothing 50\text{mm} \times H58\text{mm}$	

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) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	80	89	83	80	88	83	80	76
0.80	97	91	88	96	91	87	95	90	87	84
1.00	101	95	92	100	95	92	98	95	91	87
1.25	104	99	96	103	99	96	101	98	95	91
1.50	107	102	99	106	102	99	104	100	98	93
2.00	109	105	102	108	104	102	105	102	100	95
2.50	111	107	104	109	106	104	106	104	102	96
3.00	112	109	106	110	108	105	107	105	103	97
4.00	114	112	110	112	110	108	109	107	105	98
5.00	115	113	112	113	111	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:220.4V I:0.0446A P:8.861W PF:0.9018 Lamp Flux:605.391x1 lm		
NAME: M1-6W-840-60D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: $\phi$ 50mm*H58mm	

Conical surface Flux(90deg):

594.43 lm

%lum = 98.2%

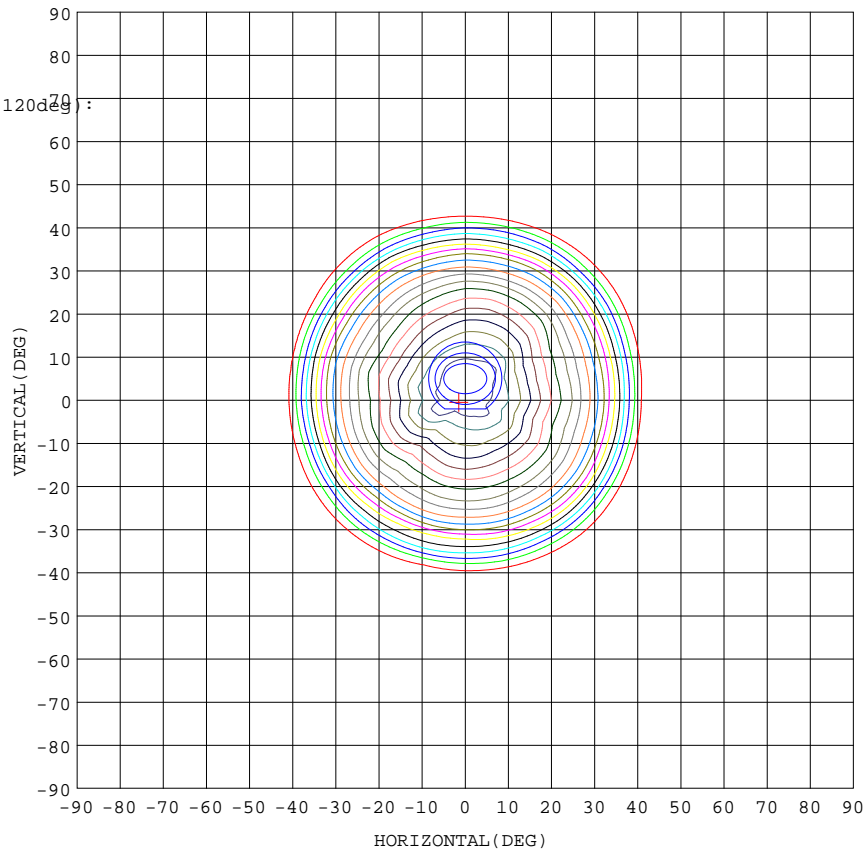
%lamp = 98.2%

Conical surface Flux(120deg):

602.21 lm

%lum = 99.5%

%lamp = 99.5%



5%	38.70
10%	77.40
15%	116.1
20%	154.8
25%	193.5
30%	232.2
35%	270.9
40%	309.6
45%	348.3
50%	387.0
55%	425.7
60%	464.4
65%	503.1
70%	541.8
75%	580.5
80%	619.2
85%	657.9
90%	696.6
95%	735.3

1. AVG=762.9, MIN=740.3
2. AVG=752.3, MIN=717.1
3. AVG=741.1, MIN=683.4

Imax:774.0 (H=-1.5, V=-0.5)  
(At:C=165.0, Gamma=1.0)

UNIT: cd

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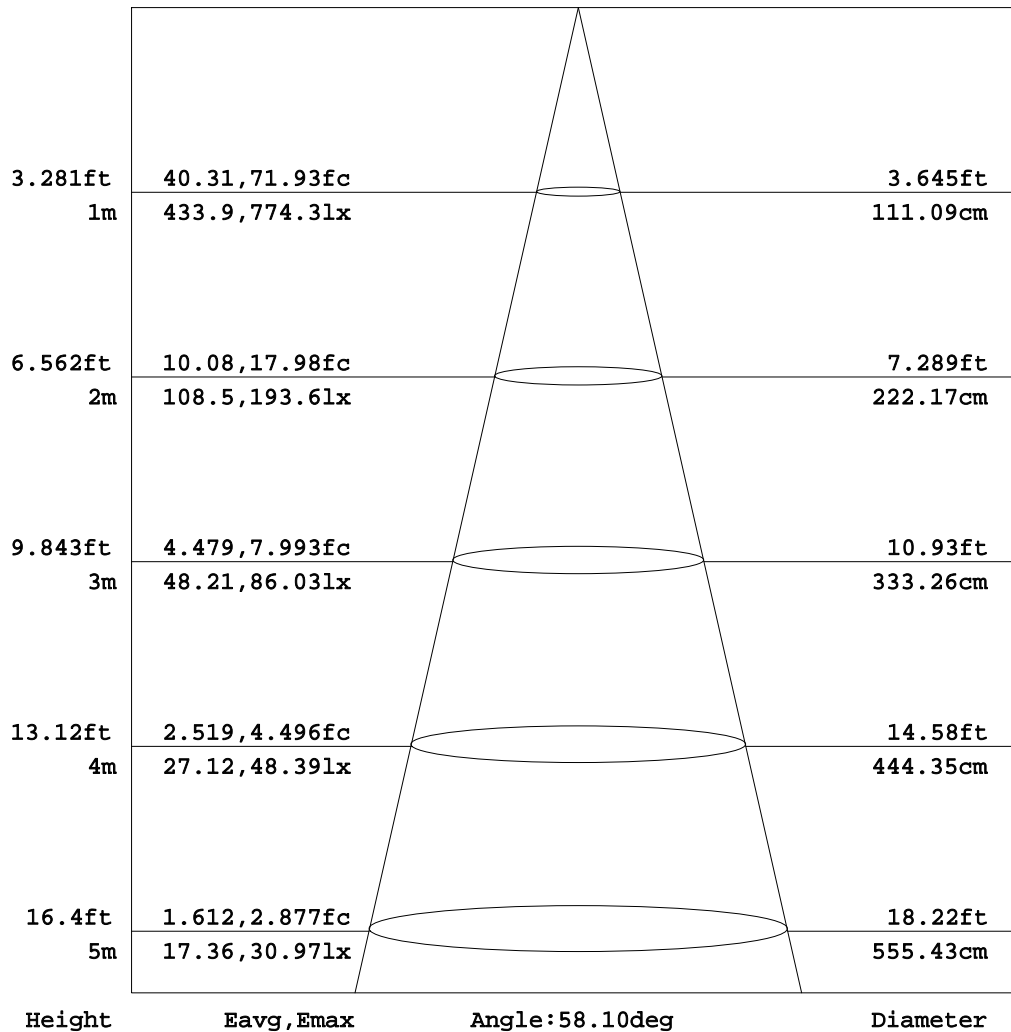
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Remarks:



## AAI Figure

Test:U:220.4V I:0.0446A P:8.861W PF:0.9018 Lamp Flux:605.39lx1 lm		
NAME: M1-6W-840-60D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: $\phi$ 50mm*H58mm	

Flux out:454.4 lm



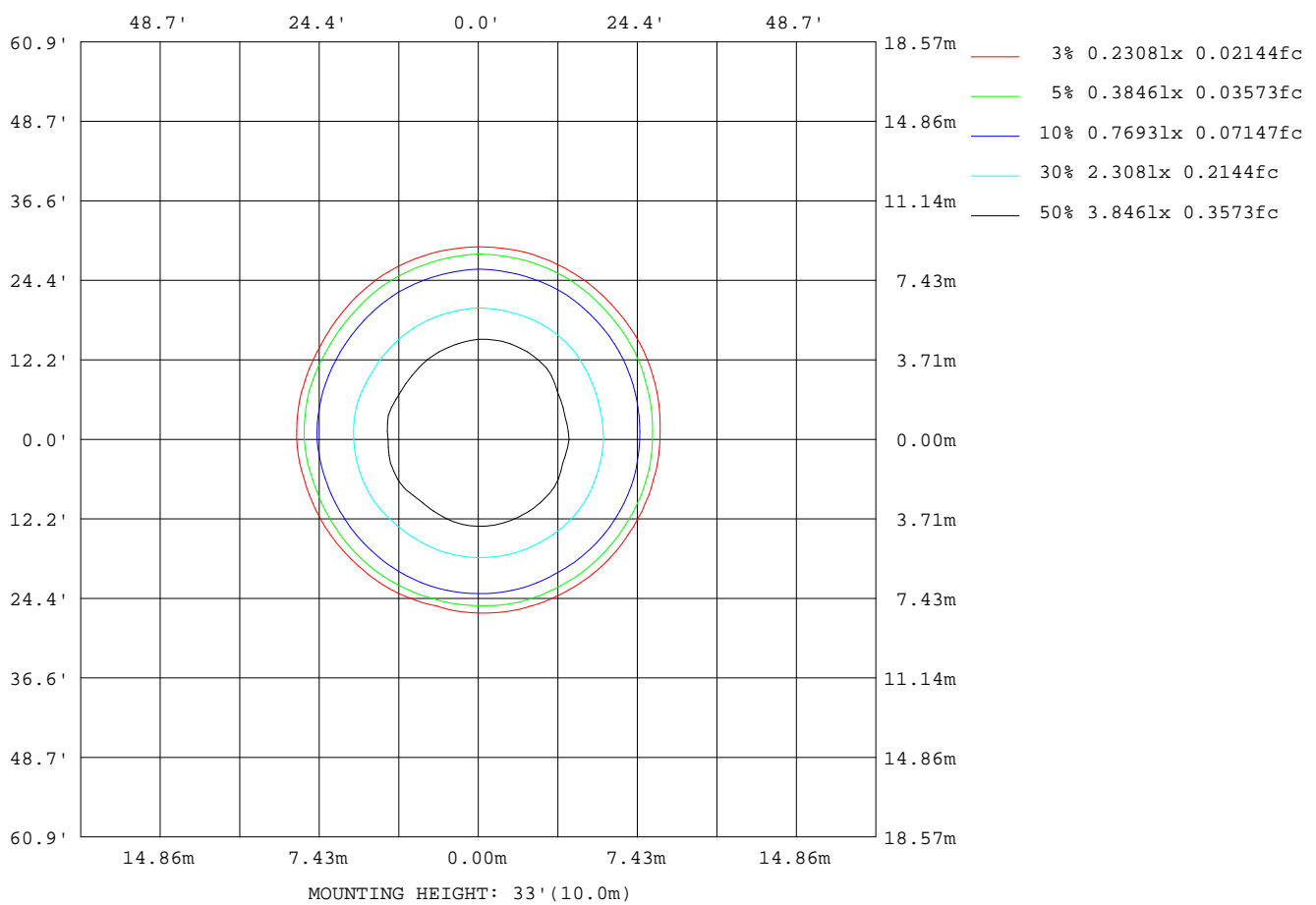
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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## ISOLUX DIAGRAM

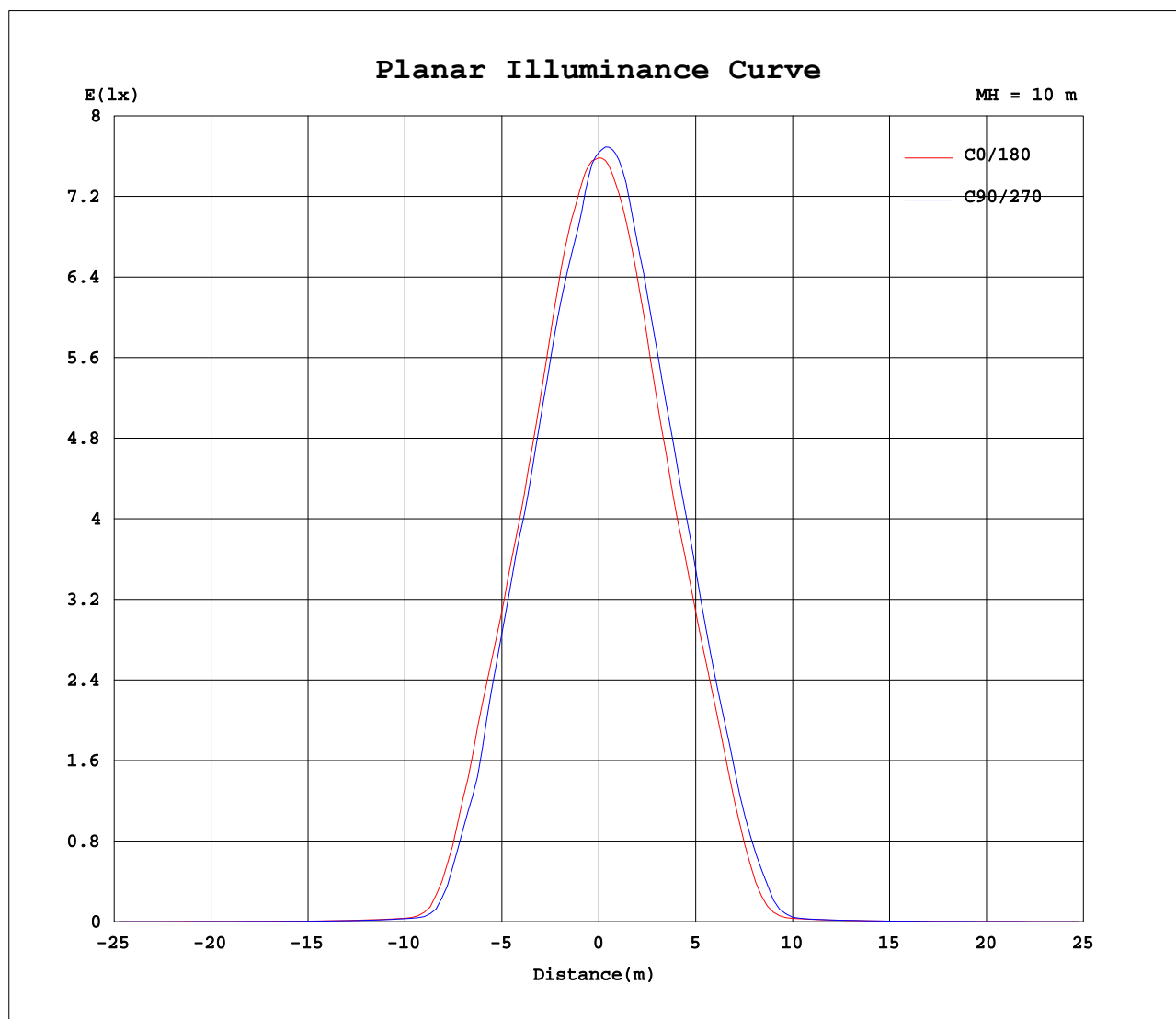
Test:U:220.4V I:0.0446A P:8.861W PF:0.9018 Lamp Flux:605.391x1 lm		
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Remarks:

## Planar Illuminance Curve



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:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.4V I:0.0446A P:8.861W PF:0.9018 Lamp Flux:605.391x1 lm		
NAME: M1-6W-840-60D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	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  
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:

```

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.4V I:0.0446A P:8.861W PF:0.9018 Lamp Flux:605.391x1 lm		
NAME: M1-6W-840-60D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	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

```

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]

G/C	0.0	15.0	30.0	45.0	60.0	75.0	90.0	105.0	120.0	135.0
0.0	758.4	758.0	765.5	764.9	764.3	764.1	763.7	763.4	762.5	762.4
3.0	753.7	748.0	758.6	755.7	749.5	746.1	742.5	742.0	739.6	741.6
6.0	733.3	725.2	739.7	730.4	716.3	707.4	701.4	699.9	697.7	703.1
9.0	708.4	692.5	702.9	691.5	682.9	678.4	673.3	671.6	666.7	666.8
12.0	670.6	654.2	663.3	650.5	641.5	642.6	640.5	635.5	627.2	623.0
15.0	622.4	601.2	615.5	605.4	595.8	595.8	595.4	591.7	580.3	577.1
18.0	572.3	552.2	568.4	560.7	552.3	550.3	548.4	546.0	535.9	533.9
21.0	522.5	503.0	517.5	509.8	502.1	499.5	497.4	493.3	483.8	483.1
24.0	477.7	462.1	471.2	463.1	455.8	454.9	451.9	447.8	441.3	441.2
27.0	422.7	413.2	416.7	408.9	401.6	396.9	390.0	391.3	389.7	392.5
30.0	365.4	356.3	354.4	343.1	327.8	319.6	310.8	307.7	305.2	313.8
33.0	282.6	270.5	268.3	255.0	235.7	223.5	213.1	211.5	212.0	224.7
36.0	186.9	176.3	164.8	152.6	140.9	140.5	136.9	136.1	136.2	137.3
39.0	84.64	76.56	66.52	62.79	57.79	53.32	50.29	41.77	50.09	52.80
42.0	22.84	20.71	17.73	16.35	14.34	13.84	12.59	12.05	12.49	13.51
45.0	10.28	9.988	9.505	9.330	9.065	9.084	8.905	8.877	8.963	9.396
48.0	8.239	8.081	7.756	7.573	7.315	7.303	7.225	7.225	7.344	7.617
51.0	6.676	6.588	6.261	6.100	5.909	5.914	5.851	5.892	5.959	6.218
54.0	5.327	5.248	4.880	4.749	4.613	4.568	4.541	4.618	4.686	4.911
57.0	4.070	4.053	3.747	3.652	3.594	3.562	3.543	3.602	3.661	3.828
60.0	3.168	3.179	2.939	2.864	2.804	2.793	2.787	2.835	2.893	3.028
63.0	2.521	2.506	2.315	2.263	2.209	2.207	2.192	2.230	2.269	2.396
66.0	1.953	1.916	1.796	1.752	1.728	1.725	1.723	1.744	1.800	1.864
69.0	1.499	1.488	1.384	1.344	1.305	1.305	1.287	1.326	1.357	1.429
72.0	1.135	1.116	1.041	1.016	0.9994	0.9974	0.9848	1.016	1.070	1.108
75.0	0.8601	0.8290	0.7582	0.7231	0.7124	0.7003	0.6999	0.7293	0.7603	0.7938
78.0	0.5914	0.5776	0.5331	0.5068	0.5102	0.5003	0.5041	0.5109	0.5519	0.5877
81.0	0.3525	0.3280	0.2939	0.2616	0.2649	0.2492	0.2793	0.2742	0.3168	0.3241
84.0	0.1836	0.1638	0.1461	0.1242	0.1420	0.1118	0.1340	0.1325	0.1755	0.1988
87.0	0.0359	0.0062	0.0046	0	0.0003	0	0.0024	0	0.0048	0.0248
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	772.5	773.3	758.4	758.0	765.5	764.9	764.3	764.1	763.7	763.4
3.0	768.8	772.1	753.5	757.1	761.4	764.8	767.4	769.9	772.1	773.0
6.0	747.1	756.2	734.2	743.9	742.2	748.5	756.8	761.3	768.1	770.7
9.0	708.4	726.1	705.6	721.2	716.8	724.3	735.2	740.3	743.2	743.1
12.0	665.1	685.8	666.9	686.6	680.1	688.2	694.5	701.5	706.8	708.8
15.0	615.0	630.9	617.8	637.4	629.7	636.2	645.3	654.7	669.1	674.0
18.0	567.6	580.5	568.3	587.5	577.0	583.3	596.2	610.1	627.6	632.9
21.0	514.7	523.5	519.0	537.3	526.6	533.3	550.8	563.7	585.0	592.4
24.0	467.1	475.7	475.7	492.2	478.9	485.1	502.6	515.4	535.7	542.4
27.0	409.8	417.4	421.3	433.1	426.7	431.9	447.5	459.9	478.3	480.9
30.0	338.8	350.3	362.4	372.3	368.0	377.0	389.8	399.9	408.9	408.0
33.0	249.3	265.0	283.8	296.9	292.4	301.6	315.6	325.1	335.8	335.3
36.0	144.0	161.9	184.2	196.7	196.0	206.7	227.7	230.5	238.2	235.0
39.0	59.68	65.56	83.32	94.56	92.93	102.9	123.6	133.4	144.7	141.0
42.0	15.86	18.61	23.49	26.02	26.93	35.43	46.53	52.13	52.43	56.08
45.0	9.017	9.276	9.895	10.15	11.04	11.30	12.41	12.54	13.21	12.17
48.0	7.344	7.563	8.052	8.119	8.599	8.597	8.821	8.706	8.704	8.598
51.0	6.019	6.220	6.491	6.736	7.004	7.027	7.083	7.022	7.023	6.982
54.0	4.712	4.907	5.244	5.411	5.642	5.698	5.718	5.683	5.669	5.577
57.0	3.655	3.789	4.023	4.106	4.378	4.339	4.421	4.356	4.394	4.314
60.0	2.854	2.974	3.156	3.190	3.418	3.390	3.472	3.406	3.438	3.383
63.0	2.265	2.338	2.477	2.537	2.705	2.674	2.689	2.672	2.670	2.635
66.0	1.765	1.825	1.924	1.956	2.090	2.092	2.117	2.096	2.098	2.077
69.0	1.338	1.386	1.465	1.492	1.621	1.617	1.647	1.636	1.606	1.586
72.0	1.026	1.058	1.095	1.138	1.201	1.212	1.224	1.228	1.211	1.222
75.0	0.7186	0.7625	0.8101	0.8538	0.9387	0.9389	0.9513	0.9512	0.9555	0.9551
78.0	0.5185	0.5297	0.5650	0.6058	0.6420	0.6578	0.6419	0.6600	0.6418	0.6620
81.0	0.2628	0.2801	0.3132	0.3524	0.4026	0.4168	0.4252	0.4312	0.4272	0.4312
84.0	0.1294	0.1264	0.1429	0.1793	0.2136	0.2250	0.2095	0.2271	0.2013	0.2209
87.0	0.0004	0	0	0.0255	0.0432	0.0734	0.0763	0.1065	0.0949	0.1064
90.0	0	0	0	0	0	0	0	0	0	0
G/C	300.0	315.0	330.0	345.0						
0.0	762.5	762.4	772.5	773.3						
3.0	772.8	771.7	767.0	764.5						
6.0	770.5	767.7	748.9	741.3						
9.0	747.9	749.1	715.4	708.1						
12.0	714.5	713.2	674.8	671.1						
15.0	677.8	667.7	628.5	617.9						
18.0	632.0	620.8	580.7	566.3						
21.0	585.8	574.1	532.9	516.8						

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	535.5	525.1	485.0	472.8
27.0	478.2	467.2	435.4	422.6
30.0	410.8	403.9	382.6	367.3
33.0	337.8	326.0	303.5	291.5
36.0	239.3	230.6	213.5	195.1
39.0	138.9	120.7	113.9	93.44
42.0	49.91	44.16	38.55	28.62
45.0	12.31	11.69	11.78	11.34
48.0	8.565	8.475	9.662	9.156
51.0	6.946	6.865	7.667	7.510
54.0	5.604	5.506	5.939	5.916
57.0	4.315	4.216	4.382	4.321
60.0	3.391	3.298	3.417	3.336
63.0	2.620	2.579	2.672	2.645
66.0	2.051	2.054	2.092	2.065
69.0	1.558	1.544	1.583	1.575
72.0	1.201	1.174	1.190	1.201
75.0	0.9100	0.9198	0.9223	0.9324
78.0	0.6335	0.6452	0.6314	0.6535
81.0	0.4148	0.4063	0.4168	0.4042
84.0	0.1908	0.1980	0.1928	0.2084
87.0	0.0680	0.0670	0.0453	0.0463
90.0	0	0	0	0

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
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Temperature: 25.3DEG  
Operators: Cao Chengpei  
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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: