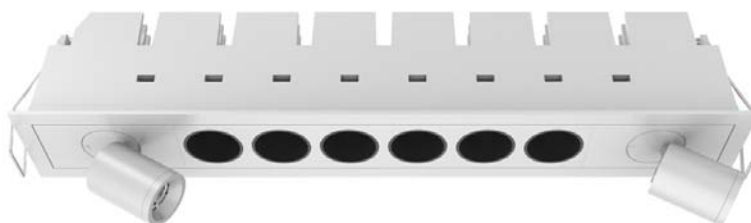


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LED Downlight FUSION Series LE-FF6-FS2-17W-840-40D  
Black

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Light Output Ratio:	100.0%	
Luminaire Power:	19.59 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.60	fine grid method.

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C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-06-11

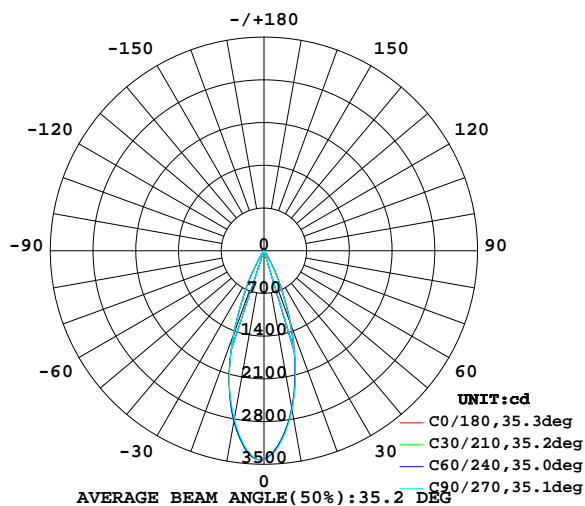
$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

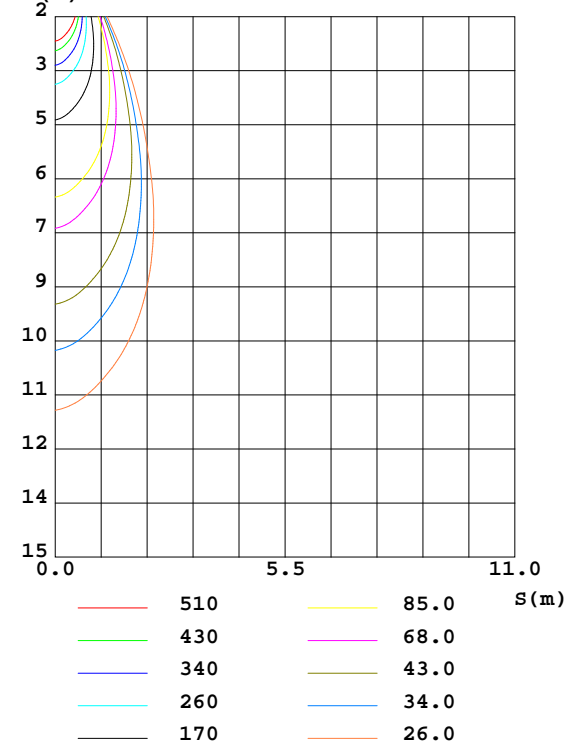
Test:U:220.7V I:0.0932A P:19.59W PF:0.9530 Lamp Flux:1271.21x1 lm		
NAME: FF6-FS2-17W-840-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L290mm*W45mm*H60mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 64.90 lm/W			
MODEL	CREE-4000K	I <sub>max</sub> (cd)	3441	S/MH(C0/180)	0.58
NOMINAL POWER(W)	20.0	LOR(%)	100.0	S/MH(C90/270)	0.59
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	1271.2	η UP,DN(C0-180)	0.0,48.0
NOMINAL FLUX(lm)	1271.21	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,52.0
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	0.60

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



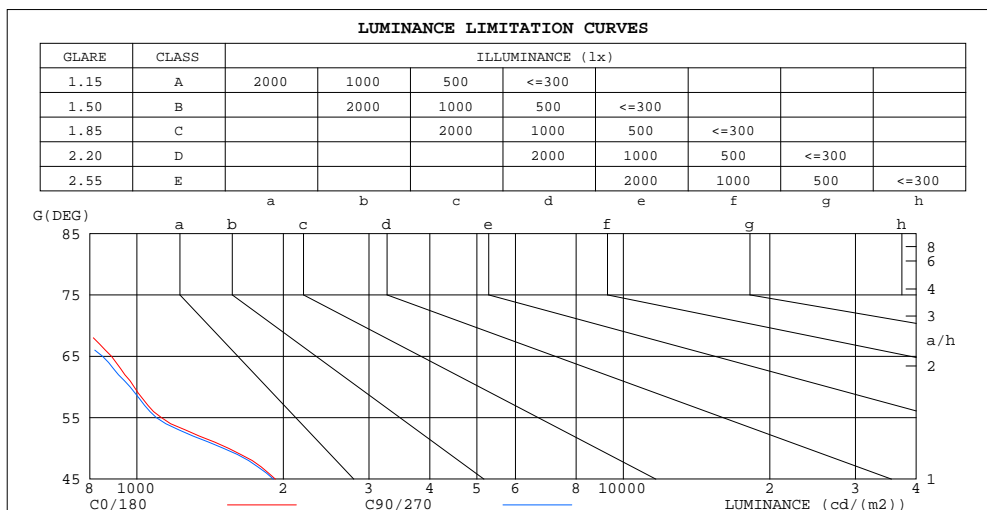
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-11

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity:52%  
Test Distance:5.850m [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	2636	2627	2647	2728	2823	2830	2795	2725	0- 10	290.9	290.9	22.9,22.9
20	1307	1268	1260	1338	1433	1441	1450	1369	10- 20	566.8	857.7	67.5,67.5
30	273.3	254.6	227.4	244.1	262.0	269.2	294.9	291.6	20- 30	326.0	1184	93.1,93.1
40	26.15	25.64	24.76	26.22	27.63	29.11	29.85	28.34	30- 40	57.26	1241	97.6,97.6
50	12.96	12.57	12.65	13.46	13.79	14.22	14.27	13.13	40- 50	14.47	1255	98.8,98.8
60	6.442	6.228	6.322	6.500	6.837	6.813	6.962	6.542	50- 60	8.112	1264	99.4,99.4
70	3.425	3.218	3.156	3.493	3.681	3.756	3.904	3.483	60- 70	4.936	1268	99.8,99.8
80	1.001	0.9894	1.001	1.118	1.155	1.201	1.186	1.068	70- 80	2.185	1271	100,100
90	0.0634	0.0612	0.0634	0.0678	0.0525	0.0722	0.0525	0.0503	80- 90	0.5552	1271	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		



LUMINANCE cd/(m <sup>2</sup> )		
G(°)	C0/180	C90/270
85	359	376
80	442	442
75	506	498
70	767	707
65	886	850
60	987	969
55	1124	1097
50	1545	1508
45	1925	1908

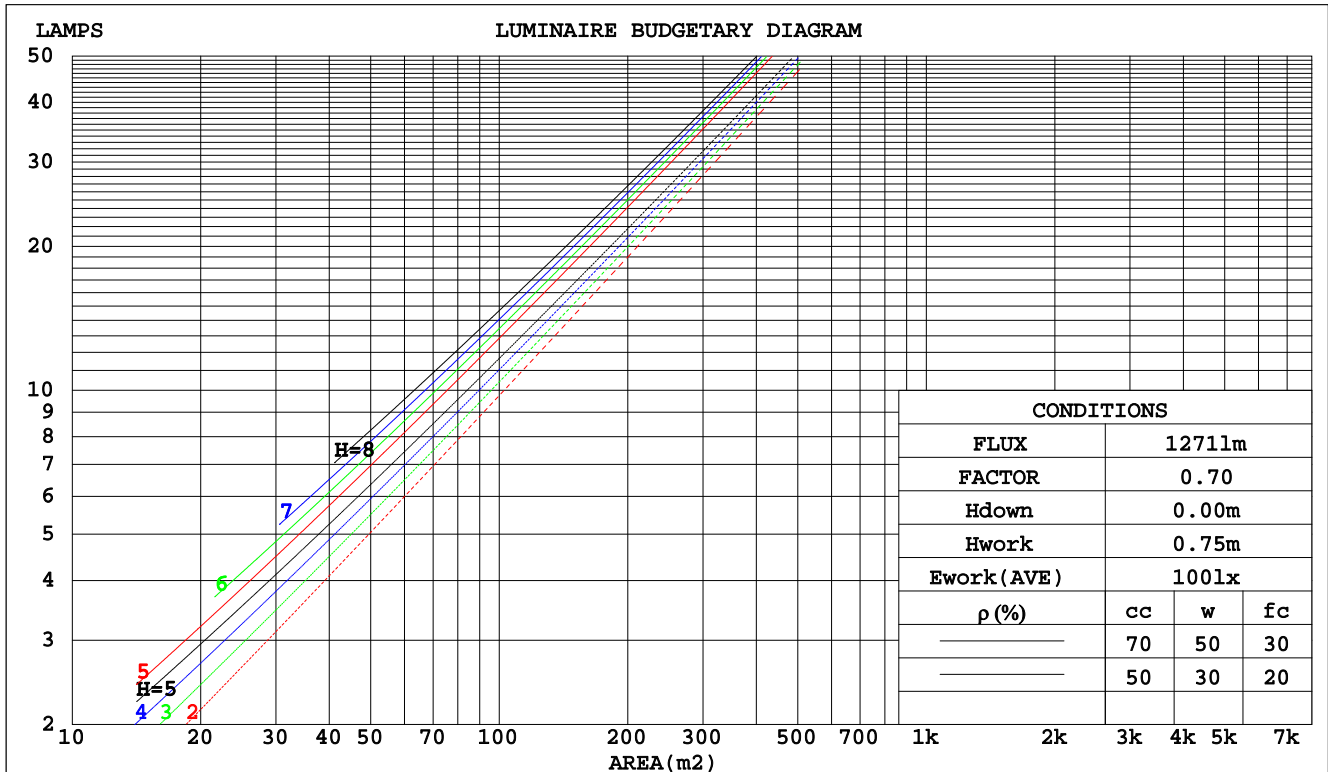
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
 Test Date: 2017-06-11

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
 Humidity: 52%  
 Test Distance: 5.850m [K=1.0000]  
 Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.7V I:0.0932A P:19.59W PF:0.9530 Lamp Flux:1271.21lx1 lm		
NAME: FF6-FS2-17W-840-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L290mm*W45mm*H60mm	
MFR.:		

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						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	1.12	1.10	1.08	1.10	1.08	1.06	1.06	1.05	1.03	1.02	1.01	1.00	.99	.98	.97	.96
2.0	1.06	1.03	1.00	1.04	1.01	.99	1.01	.99	.97	.98	.96	.95	.96	.94	.93	.91
3.0	1.01	.97	.94	.90	.96	.93	.97	.94	.91	.95	.92	.90	.93	.90	.89	.87
4.0	.96	.92	.88	.95	.91	.88	.93	.90	.87	.91	.88	.86	.89	.87	.85	.84
5.0	.92	.87	.84	.91	.87	.83	.89	.86	.83	.88	.85	.82	.86	.84	.81	.80
6.0	.88	.83	.80	.87	.83	.80	.86	.82	.79	.85	.81	.79	.83	.80	.78	.77
7.0	.84	.80	.76	.84	.79	.76	.83	.79	.76	.82	.78	.75	.81	.77	.75	.74
8.0	.81	.76	.73	.81	.76	.73	.80	.76	.73	.79	.75	.73	.78	.75	.72	.71
9.0	.78	.73	.70	.78	.73	.70	.77	.73	.70	.76	.72	.70	.75	.72	.70	.69
10.0	.75	.71	.68	.75	.71	.68	.74	.70	.67	.74	.70	.67	.73	.70	.67	.66



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Meng Yongjian  
 Test Date:2017-06-11

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
 Humidity:52%  
 Test Distance:5.850m [K=1.0000]  
 Remarks:

## WEC AND CCEC

Test:U:220.7V I:0.0932A P:19.59W PF:0.9530 Lamp Flux:1271.21x1 lm		
NAME: FF6-FS2-17W-840-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L290mm*W45mm*H60mm	
MFR.:		

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	.151	.086	.027	.144	.082	.026	.132	.075	.024	.120	.069	.022	.110	.064	.020	
2.0	.141	.077	.024	.135	.075	.023	.125	.070	.022	.116	.065	.020	.107	.060	.019	
3.0	.132	.070	.021	.128	.068	.021	.119	.064	.020	.111	.061	.019	.104	.057	.018	
4.0	.125	.065	.019	.121	.063	.019	.113	.060	.018	.107	.057	.017	.100	.054	.017	
5.0	.118	.060	.017	.115	.059	.017	.108	.056	.017	.102	.054	.016	.097	.052	.016	
6.0	.112	.056	.016	.109	.055	.016	.104	.053	.015	.099	.051	.015	.094	.049	.015	
7.0	.107	.053	.015	.104	.052	.015	.100	.050	.015	.095	.049	.014	.091	.047	.014	
8.0	.102	.050	.014	.100	.049	.014	.096	.048	.014	.092	.046	.013	.088	.045	.013	
9.0	.098	.047	.013	.096	.047	.013	.092	.046	.013	.089	.044	.013	.085	.043	.013	
10.0	.094	.045	.013	.092	.045	.012	.089	.044	.012	.086	.043	.012	.083	.042	.012	

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	.169	.158	.147	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.152	.133	.116	.130	.114	.101	.089	.079	.070	.051	.046	.041	.017	.015	.013	
3.0	.138	.113	.094	.118	.098	.081	.081	.068	.057	.047	.040	.034	.015	.013	.011	
4.0	.126	.098	.077	.108	.085	.067	.074	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.116	.086	.064	.100	.075	.056	.069	.052	.039	.040	.031	.023	.013	.010	.008	
6.0	.108	.076	.054	.093	.066	.047	.064	.046	.033	.037	.027	.020	.012	.009	.006	
7.0	.101	.068	.046	.087	.059	.040	.060	.042	.028	.035	.024	.017	.011	.008	.006	
8.0	.095	.062	.039	.081	.054	.034	.056	.038	.024	.033	.022	.015	.011	.007	.005	
9.0	.089	.056	.034	.077	.049	.030	.053	.034	.021	.031	.020	.013	.010	.007	.004	
10.0	.084	.052	.030	.073	.045	.026	.051	.032	.019	.029	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-11

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity:52%  
Test Distance:5.850m [K=1.0000]  
Remarks:

## UGR(Unified Glare Rating) Table

Test:U:220.7V I:0.0932A P:19.59W PF:0.9530 Lamp Flux:1271.21x1 lm										
NAME: FF6-FS2-17W-840-40D Black					TYPE:Downlight			SERIAL No.:		
SPEC.:4000K					DIM.: L290mm*W45mm*H60mm					
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	6.4	7.1	6.6	7.3	7.4	5.6	6.3	5.8	6.5	6.6
3H	6.6	7.3	6.8	7.5	7.7	5.8	6.5	6.1	6.7	6.9
4H	6.6	7.3	6.9	7.5	7.7	5.9	6.6	6.2	6.8	7.0
6H	6.6	7.2	6.9	7.5	7.7	5.9	6.5	6.2	6.8	7.0
8H	6.6	7.2	6.9	7.4	7.7	5.9	6.5	6.2	6.7	7.0
12H	6.6	7.1	6.9	7.4	7.7	5.9	6.5	6.2	6.7	7.0
4H 2H	6.3	7.0	6.6	7.2	7.4	5.6	6.3	5.9	6.5	6.7
3H	6.6	7.2	6.9	7.5	7.7	6.0	6.5	6.3	6.8	7.1
4H	6.7	7.2	7.0	7.5	7.8	6.1	6.6	6.4	6.9	7.2
6H	6.7	7.2	7.1	7.5	7.9	6.1	6.6	6.5	6.9	7.2
8H	6.7	7.2	7.1	7.5	7.9	6.1	6.5	6.5	6.9	7.2
12H	6.7	7.1	7.1	7.5	7.9	6.1	6.5	6.5	6.9	7.2
8H 4H	6.6	7.1	7.0	7.4	7.8	6.0	6.4	6.4	6.8	7.1
6H	6.7	7.0	7.1	7.4	7.9	6.1	6.5	6.5	6.8	7.3
8H	6.7	7.0	7.2	7.4	7.9	6.1	6.4	6.6	6.9	7.3
12H	6.7	7.0	7.2	7.4	7.9	6.1	6.4	6.6	6.8	7.3
12H 4H	6.6	7.0	7.0	7.4	7.7	6.0	6.4	6.4	6.7	7.1
6H	6.7	7.0	7.1	7.4	7.8	6.1	6.4	6.5	6.8	7.2
8H	6.7	7.0	7.1	7.4	7.9	6.1	6.4	6.6	6.8	7.3
Variations with the observer position at spacings:										
S = 1.0H	+ 1.5 / - 1.4					+ 1.1 / - 1.3				
1.5H	+ 2.4 / - 1.2					+ 1.8 / - 1.0				
2.0H	+ 1.8 / - 1.0					+ 1.8 / - 0.9				

CIE Pub.117 Corrected 1271 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.8)

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Meng Yongjian  
 Test Date:2017-06-11

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
 Humidity:52%  
 Test Distance:5.850m [K=1.0000]  
 Remarks:

## UTILIZATION FACTORS TABLE

Test:U:220.7V I:0.0932A P:19.59W PF:0.9530 Lamp Flux:1271.21x1 lm		
NAME: FF6-FS2-17W-840-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L290mm*W45mm*H60mm	
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) $k(RI) \times RCR = 5$									
$k = 0.60$	90	84	81	90	84	81	89	84	81	77
0.80	97	92	88	96	91	88	95	91	88	84
1.00	101	96	93	100	95	92	99	95	92	88
1.25	105	100	97	104	99	96	102	98	95	92
1.50	107	103	100	106	102	99	104	101	98	94
2.00	109	106	103	108	105	102	105	103	100	95
2.50	111	107	105	109	106	104	106	104	102	96
3.00	112	109	107	111	108	106	107	105	103	97
4.00	114	112	110	112	110	108	109	107	106	99
5.00	116	113	112	113	112	110	109	108	107	100
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Meng Yongjian  
 Test Date:2017-06-11

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
 Humidity:52%  
 Test Distance:5.850m [K=1.0000]  
 Remarks:

## ISOCANDELA DIAGRAM

Test:U:220.7V I:0.0932A P:19.59W PF:0.9530 Lamp Flux:1271.21x1 lm		
NAME: FF6-FS2-17W-840-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L290mm*W45mm*H60mm	
MFR.:		

Conical surface Flux(90deg):

1249 lm

%lum = 98.3%

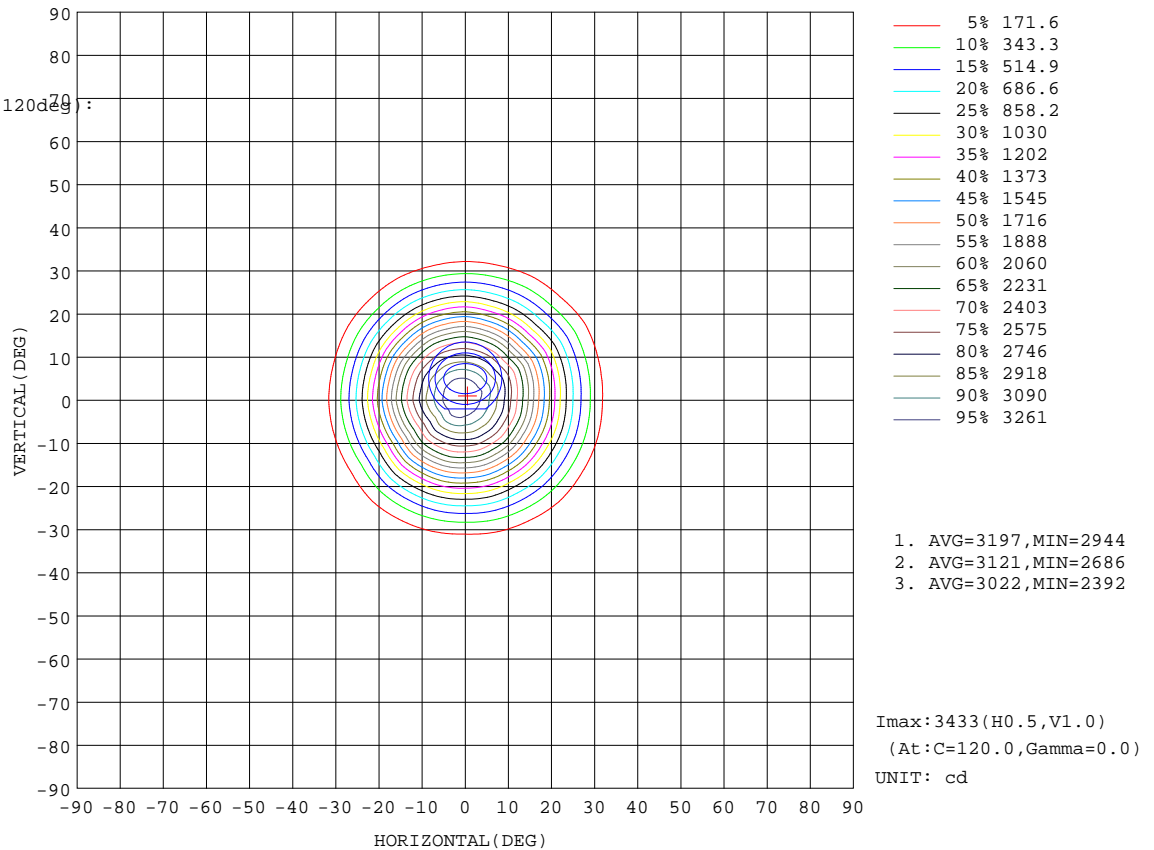
%lamp = 98.3%

Conical surface Flux(120deg):

1263.5 lm

%lum = 99.4%

%lamp = 99.4%



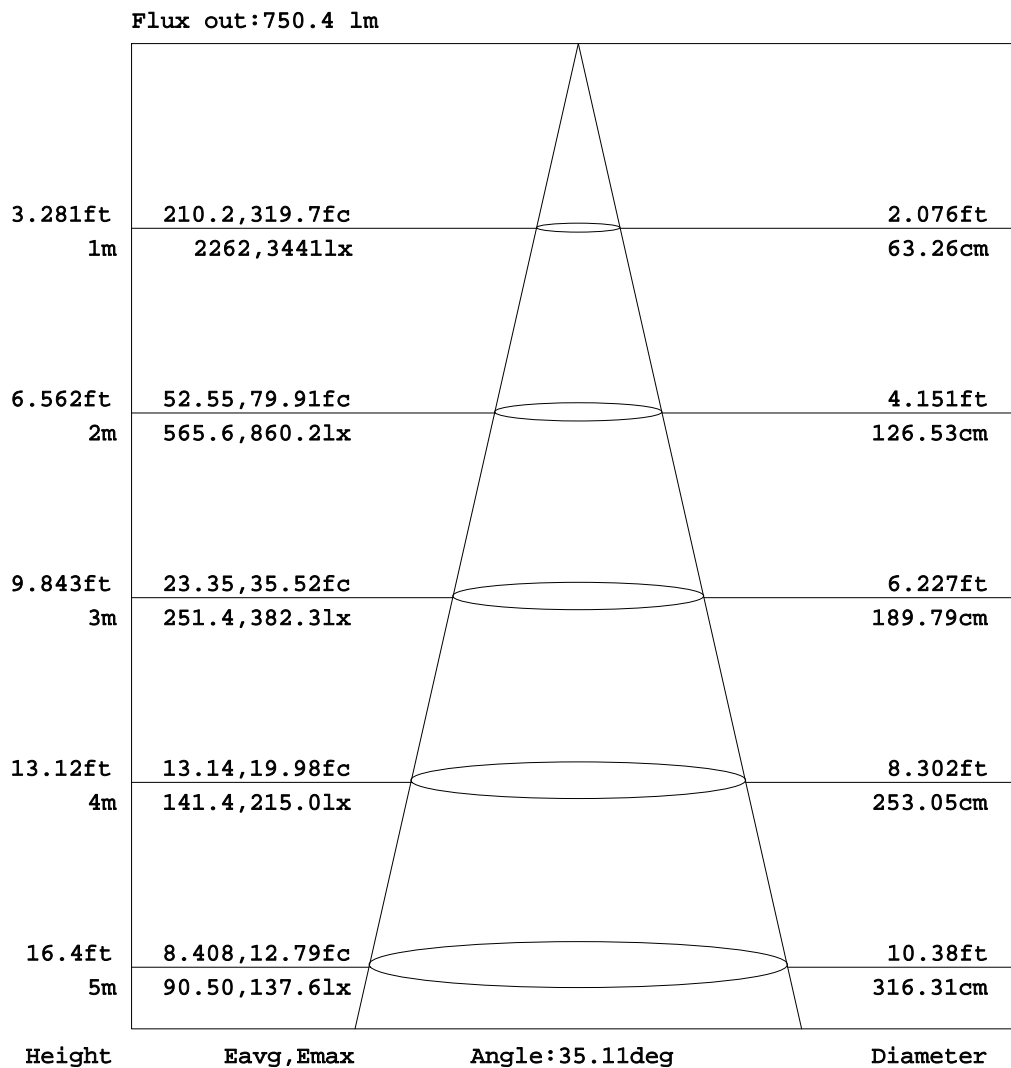
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-11

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity:52%  
Test Distance:5.850m [K=1.0000]  
Remarks:



## AAI Figure

Test:U:220.7V I:0.0932A P:19.59W PF:0.9530 Lamp Flux:1271.21x1 lm		
NAME: FF6-FS2-17W-840-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L290mm*W45mm*H60mm	
MFR.:		



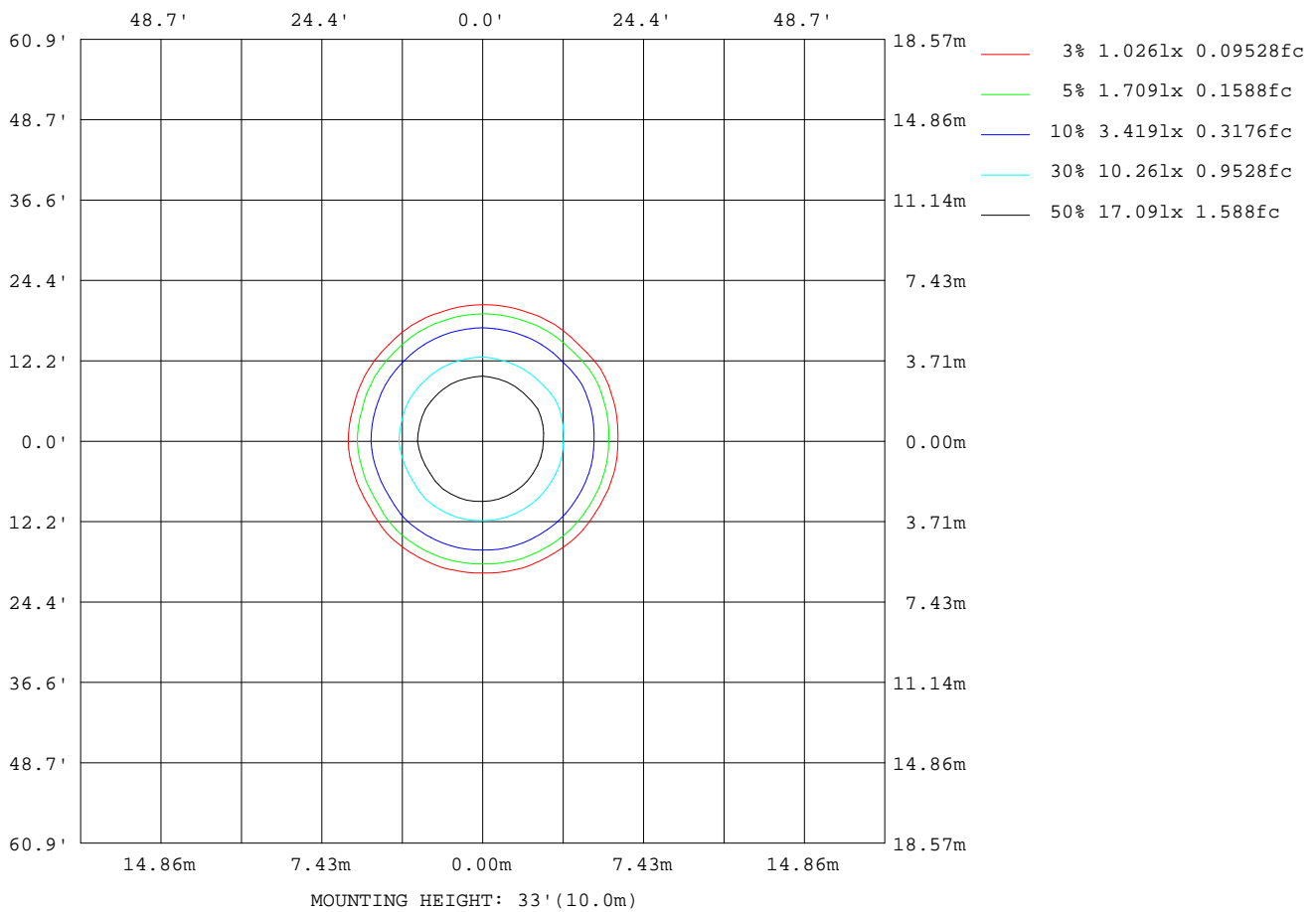
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-11

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity:52%  
Test Distance:5.850m [K=1.0000]  
Remarks:

## ISOLUX DIAGRAM

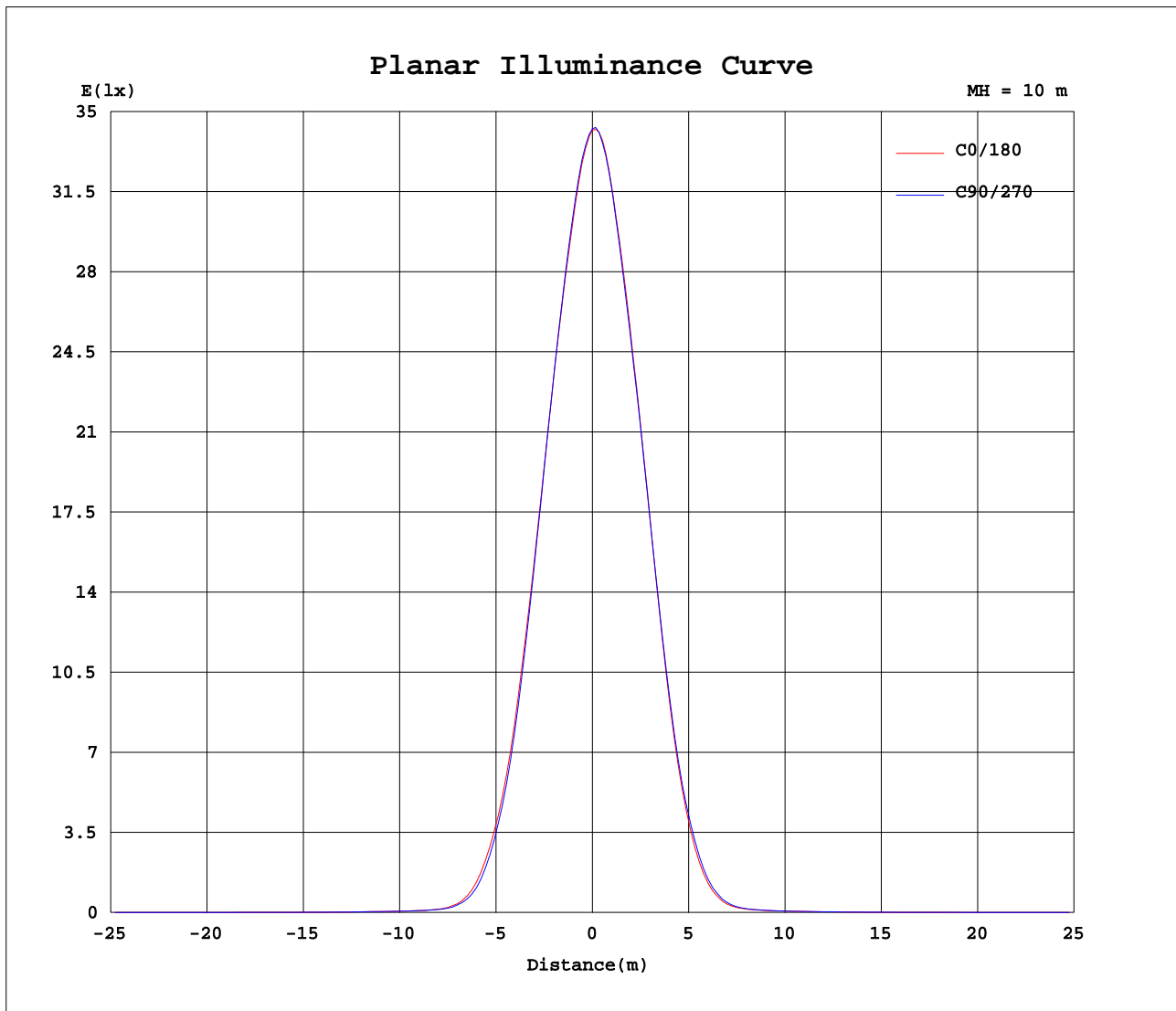
Test:U:220.7V I:0.0932A P:19.59W PF:0.9530 Lamp Flux:1271.21x1 lm		
NAME: FF6-FS2-17W-840-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L290mm*W45mm*H60mm	
MFR.:		



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
 Test Date: 2017-06-11

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
 Humidity: 52%  
 Test Distance: 5.850m [K=1.0000]  
 Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-06-11

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.7V I:0.0932A P:19.59W PF:0.9530 Lamp Flux:1271.21x1 lm		
NAME: FF6-FS2-17W-840-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L290mm*W45mm*H60mm	
MFR.:		

Table--1

UNIT: cd

[illegible]

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-06-11

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:52%
Test Distance:5.850m [K=1.0000]
Remarks:

```

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.7V I:0.0932A P:19.59W PF:0.9530 Lamp Flux:1271.2lx1 lm		
NAME: FF6-FS2-17W-840-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L290mm*W45mm*H60mm	
MFR.:		

Table--2

UNIT: cd

[illegible]

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-06-11

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:52%
Test Distance:5.850m [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	3419	3419	3415	3421	3420	3425	3425	3436	3441	3439
3.0	3290	3285	3276	3280	3279	3296	3307	3341	3357	3371
6.0	3044	3049	3035	3045	3042	3058	3067	3103	3135	3157
9.0	2748	2747	2730	2742	2737	2760	2759	2787	2809	2839
12.0	2398	2399	2372	2388	2374	2395	2400	2435	2452	2487
15.0	2000	1989	1962	1972	1959	1983	1984	2026	2046	2081
18.0	1583	1574	1541	1547	1530	1546	1549	1585	1603	1639
21.0	1167	1158	1128	1130	1109	1124	1118	1143	1154	1190
24.0	790.5	788.6	763.3	763.9	740.9	750.0	738.3	756.2	765.8	789.7
27.0	501.1	493.7	477.7	474.8	459.5	460.7	447.3	458.2	462.1	473.2
30.0	273.3	268.7	253.3	254.6	242.7	239.9	227.4	236.4	239.9	244.1
33.0	124.6	126.0	113.7	112.7	107.4	105.8	101.5	104.7	107.4	108.7
36.0	56.58	53.32	52.72	49.78	47.26	46.17	44.81	46.68	49.21	50.85
39.0	29.52	29.09	28.78	28.69	28.15	28.17	27.35	28.52	29.22	29.72
42.0	21.36	21.37	20.97	20.76	20.81	20.95	20.60	20.90	21.32	21.86
45.0	17.77	17.79	17.53	17.48	17.50	17.67	17.61	17.60	17.91	18.09
48.0	15.08	14.99	14.81	14.75	14.70	14.88	14.82	14.97	15.23	15.48
51.0	11.87	11.74	11.45	11.43	11.45	11.61	11.54	11.80	12.04	12.39
54.0	9.001	8.898	8.662	8.667	8.646	8.829	8.797	8.931	8.954	9.298
57.0	7.489	7.344	7.154	7.254	7.276	7.343	7.370	7.363	7.347	7.634
60.0	6.442	6.333	6.154	6.228	6.196	6.278	6.322	6.320	6.298	6.500
63.0	5.485	5.363	5.196	5.269	5.249	5.264	5.299	5.363	5.367	5.570
66.0	4.571	4.469	4.330	4.414	4.379	4.336	4.351	4.449	4.444	4.681
69.0	3.707	3.605	3.460	3.513	3.523	3.448	3.429	3.561	3.593	3.813
72.0	2.822	2.747	2.597	2.605	2.603	2.629	2.599	2.746	2.780	2.905
75.0	1.710	1.711	1.668	1.689	1.668	1.691	1.681	1.733	1.789	1.812
78.0	1.265	1.271	1.243	1.256	1.241	1.260	1.259	1.306	1.362	1.385
81.0	0.8737	0.8714	0.8606	0.8604	0.8540	0.8648	0.8716	0.9151	0.9677	0.9872
84.0	0.5196	0.5259	0.5086	0.5193	0.5087	0.5259	0.5305	0.5718	0.6114	0.6374
87.0	0.2045	0.1983	0.1979	0.1917	0.2045	0.2048	0.2307	0.2507	0.3007	0.3141
90.0	0.0634	0.0612	0.0612	0.0612	0.0656	0.0612	0.0634	0.0612	0.0700	0.0678
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	3428	3433	3419	3415	3421	3425	3420	3425	3425	3436
3.0	3353	3374	3389	3390	3391	3397	3396	3389	3377	3369
6.0	3127	3165	3200	3203	3222	3217	3217	3204	3191	3165
9.0	2805	2871	2929	2923	2949	2937	2940	2922	2904	2883
12.0	2449	2517	2591	2584	2609	2596	2608	2585	2572	2547
15.0	2047	2120	2204	2202	2226	2208	2218	2188	2191	2154
18.0	1595	1663	1752	1748	1781	1758	1771	1748	1757	1712
21.0	1142	1196	1279	1274	1310	1285	1303	1291	1301	1253
24.0	746.2	791.8	847.2	846.6	873.5	858.9	875.5	873.8	877.8	843.7
27.0	437.0	469.8	510.1	512.0	529.7	529.3	544.8	547.6	550.6	541.6
30.0	217.7	237.0	262.0	256.0	269.8	269.2	285.5	287.9	294.9	293.3
33.0	97.55	105.9	121.3	115.0	127.3	121.9	135.3	130.2	140.8	133.9
36.0	45.56	48.66	52.63	55.59	56.85	59.07	59.12	61.87	60.98	60.28
39.0	28.38	29.56	31.06	31.64	33.37	33.45	33.84	33.74	34.05	33.67
42.0	21.17	21.75	22.29	22.61	23.21	23.22	23.70	23.43	23.84	23.43
45.0	17.81	18.43	18.47	18.61	19.07	19.05	19.26	19.29	19.15	18.86
48.0	15.14	15.64	15.86	15.82	16.15	16.19	16.41	16.49	16.23	15.75
51.0	12.00	12.29	12.62	12.68	13.03	13.12	13.26	13.18	13.12	12.58
54.0	9.055	9.376	9.572	9.502	9.808	9.793	10.01	9.889	9.890	9.515
57.0	7.427	7.660	7.881	7.792	7.769	7.871	8.055	8.059	8.013	7.788
60.0	6.477	6.648	6.837	6.776	6.746	6.813	6.971	6.942	6.962	6.748
63.0	5.592	5.689	5.779	5.801	5.838	5.826	5.973	5.939	6.031	5.775
66.0	4.709	4.812	4.796	4.868	4.862	4.924	5.004	5.058	5.113	4.881
69.0	3.760	3.911	3.950	4.010	3.989	4.038	4.136	4.168	4.201	4.008
72.0	2.866	2.969	3.148	3.123	3.136	3.186	3.306	3.306	3.326	3.106
75.0	1.774	1.833	1.929	1.949	2.044	2.048	2.103	2.003	1.994	1.892
78.0	1.348	1.405	1.435	1.444	1.485	1.475	1.498	1.481	1.468	1.416
81.0	0.9568	0.9938	1.024	1.040	1.063	1.066	1.076	1.061	1.048	1.009
84.0	0.6027	0.6439	0.6589	0.6702	0.6961	0.6899	0.7004	0.6811	0.6764	0.6331
87.0	0.2963	0.3184	0.3247	0.3464	0.3552	0.3551	0.3553	0.3464	0.3377	0.2961
90.0	0.0656	0.0634	0.0525	0.0678	0.0612	0.0722	0.0678	0.0656	0.0525	0.0547
G/C	300.0	315.0	330.0	345.0						
0.0	3441	3439	3428	3433						
3.0	3358	3347	3356	3329						
6.0	3151	3117	3132	3097						
9.0	2868	2833	2852	2806						
12.0	2529	2496	2523	2463						
15.0	2139	2099	2143	2067						
18.0	1698	1665	1711	1644						
21.0	1249	1225	1286	1227						

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.3DEG

Operators: Meng Yongjian

Test Date: 2017-06-11

γ Range: 0 - 90DEG

γ Interval: 1.0DEG

Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288

Humidity: 52%

Test Distance: 5.850m [K=1.0000]

Remarks:

## Photometric Data Table [cd]

24.0	849.9	830.9	885.5	835.1
27.0	541.5	531.0	564.7	533.6
30.0	303.0	291.6	319.7	293.8
33.0	143.6	133.7	154.1	135.6
36.0	60.88	62.19	65.59	61.98
39.0	33.89	32.47	33.79	31.17
42.0	23.23	22.46	23.25	22.06
45.0	18.65	18.08	18.55	18.05
48.0	15.55	15.13	15.58	15.22
51.0	12.28	12.01	12.45	12.04
54.0	9.243	9.179	9.478	9.210
57.0	7.652	7.573	7.740	7.545
60.0	6.588	6.542	6.652	6.494
63.0	5.722	5.563	5.692	5.532
66.0	4.730	4.660	4.794	4.607
69.0	3.803	3.785	3.873	3.695
72.0	2.914	2.878	2.952	2.813
75.0	1.817	1.782	1.828	1.751
78.0	1.361	1.333	1.365	1.298
81.0	0.9584	0.9346	0.9606	0.9040
84.0	0.5933	0.5653	0.5998	0.5477
87.0	0.2482	0.2371	0.2525	0.2283
90.0	0.0481	0.0503	0.0459	0.0481

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-06-11

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks: