
LED Downlight FUSION Series LE-
FS6-13W-830-15D



Light Output Ratio:	100.0%	
Luminaire Power:	15.59 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	1.00	fine grid method.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-06-15

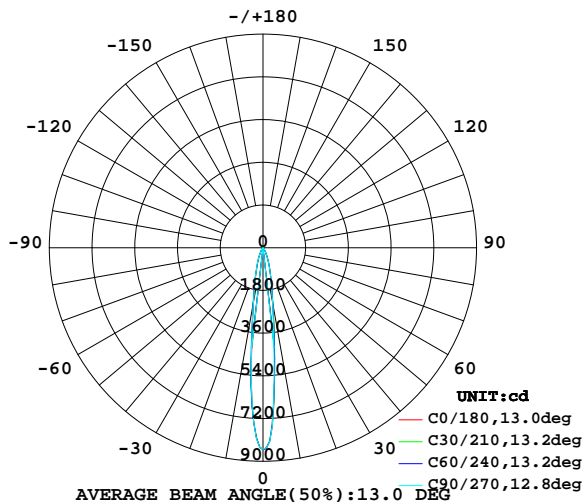
γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

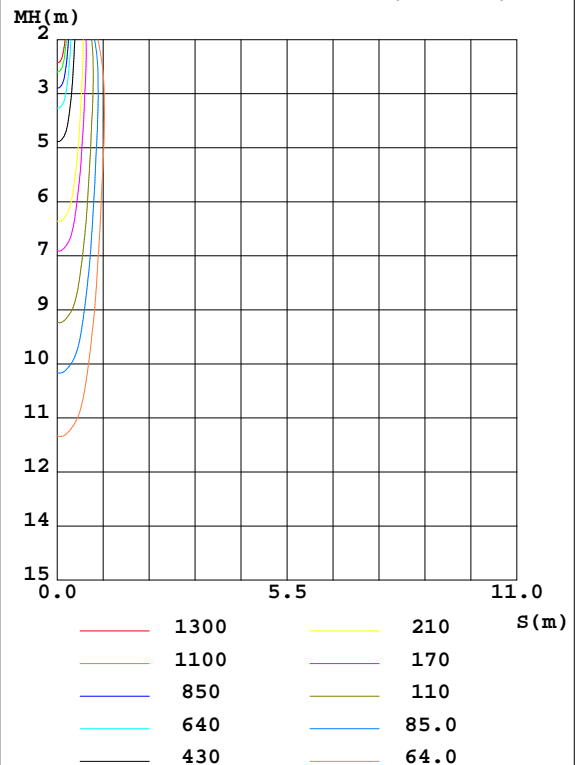
Test:U:220.7V I:0.0706A P:15.59W PF:0.9255 Lamp Flux:1152.03x1 lm		
NAME: FS6-13W-830-15D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L290mm*W45mm*H60mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 73.91 lm/W			
MODEL	CREE-3000K	I _{max} (cd)	8511	S/MH(C0/180)	0.22
NOMINAL POWER(W)	15.0	LOR(%)	100.0	S/MH(C90/270)	0.23
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	1152.0	η UP,DN(C0-180)	0.0,50.6
NOMINAL FLUX(lm)	1152.03	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.4
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



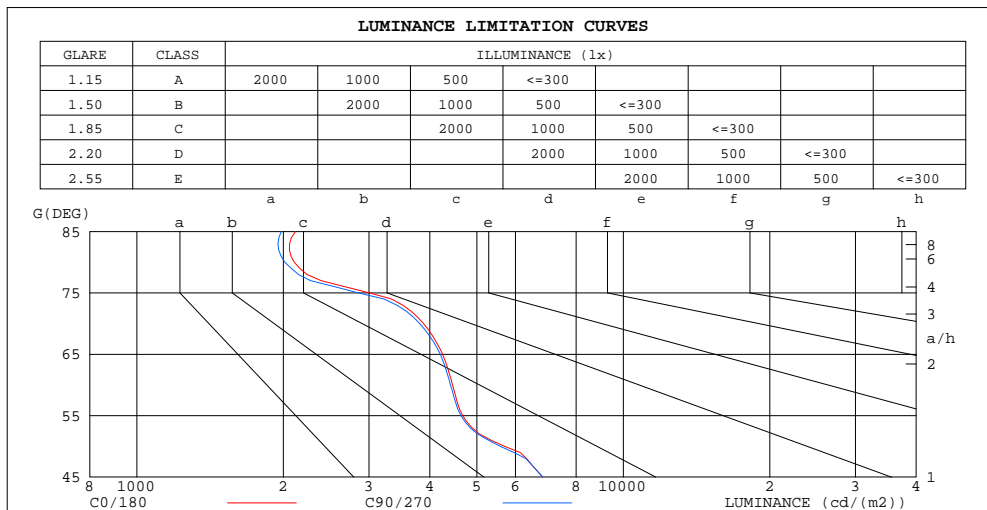
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-06-15

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:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	2382	2439	2333	2353	2332	2359	2366	2239	0- 10	419.2	419.2	36.4,36.4
20	729.0	740.0	717.4	710.8	681.0	674.0	691.9	686.1	10- 20	352.5	771.7	67,67
30	216.7	222.5	211.8	210.4	203.8	201.3	203.2	201.2	20- 30	183.3	955.0	82.9,82.9
40	82.10	84.04	82.46	82.30	81.83	81.40	81.03	80.04	30- 40	79.98	1035	89.8,89.8
50	47.85	48.46	46.88	47.75	46.93	47.09	48.46	47.64	40- 50	49.11	1084	94.1,94.1
60	29.08	29.19	28.80	28.95	28.55	28.58	28.78	28.78	50- 60	31.91	1116	96.9,96.9
70	17.34	17.41	17.03	17.15	16.72	16.57	16.92	16.92	60- 70	22.82	1139	98.9,98.9
80	4.773	4.788	4.565	4.580	4.479	4.500	4.669	4.616	70- 80	10.66	1149	99.8,99.8
90	0.5554	0.5204	0.4504	0.4154	0.3651	0.4220	0.4526	0.4635	80- 90	2.576	1152	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/(m2)		
G(°)	C0/180	C90/270
85	2119	1981
80	2106	2015
75	3010	2853
70	3884	3815
65	4251	4206
60	4456	4413
55	4678	4637
50	5704	5588
45	6821	6838

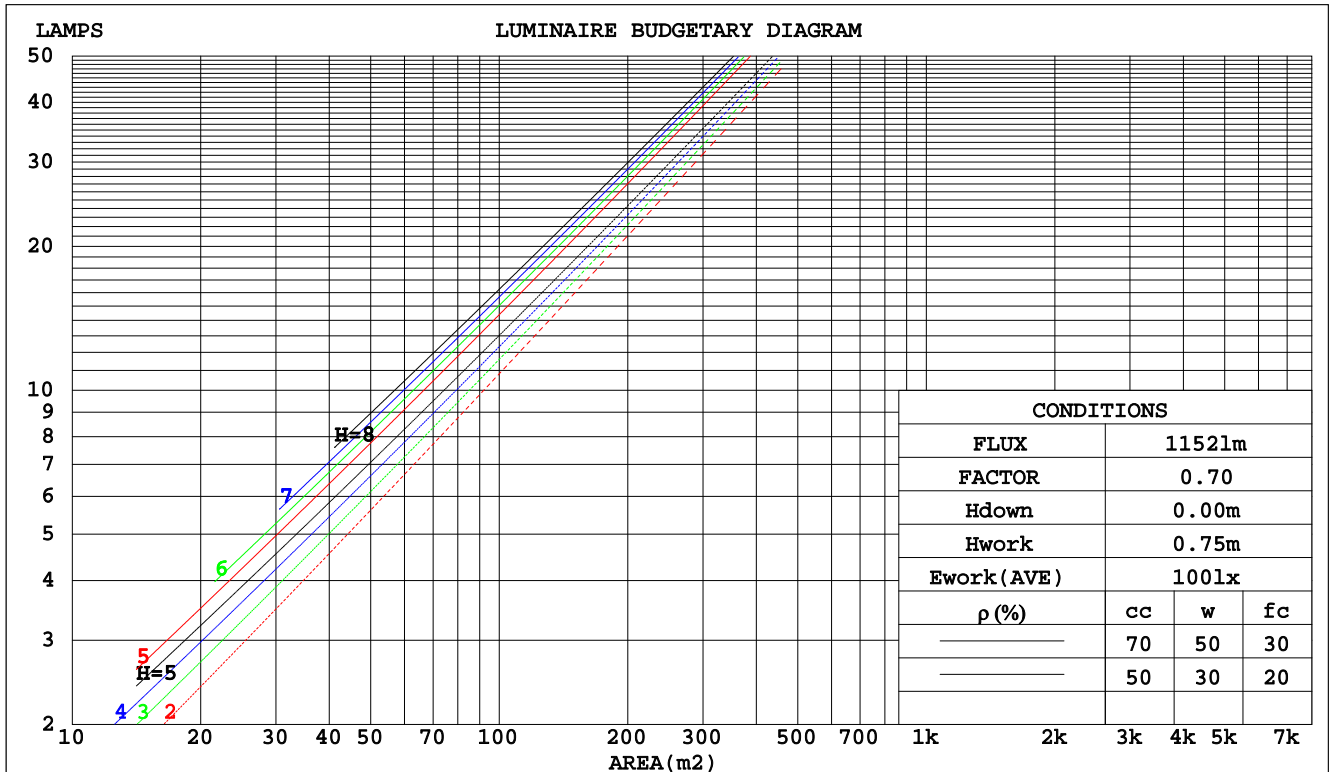
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2017-06-15

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.7V I:0.0706A P:15.59W PF:0.9255 Lamp Flux:1152.03x1 lm		
NAME: FS6-13W-830-15D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	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	1.09	1.07	1.10	1.08	1.06	1.06	1.04	1.02	1.02	1.01	.99	.98	.97	.97	.95
2.0	1.05	1.02	.99	1.04	1.00	.98	1.00	.98	.96	.97	.95	.93	.95	.93	.92	.90
3.0	.90	.95	.92	.98	.94	.91	.96	.93	.90	.93	.91	.89	.91	.89	.87	.86
4.0	.95	.90	.87	.94	.90	.86	.92	.88	.85	.90	.87	.84	.88	.86	.83	.82
5.0	.91	.86	.82	.90	.85	.82	.88	.84	.81	.87	.83	.81	.85	.82	.80	.79
6.0	.87	.82	.79	.86	.82	.79	.85	.81	.78	.84	.80	.78	.83	.79	.77	.76
7.0	.84	.79	.76	.83	.79	.76	.82	.78	.75	.81	.77	.75	.80	.77	.74	.73
8.0	.81	.76	.73	.80	.76	.73	.79	.75	.73	.79	.75	.72	.78	.74	.72	.71
9.0	.78	.74	.71	.78	.74	.71	.77	.73	.70	.76	.73	.70	.76	.72	.70	.69
10.0	.76	.71	.68	.76	.71	.68	.75	.71	.68	.74	.71	.68	.74	.70	.68	.67



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-06-15

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:0.0706A P:15.59W PF:0.9255 Lamp Flux:1152.03x1 lm		
NAME: FS6-13W-830-15D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	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	.160	.091	.029	.154	.088	.028	.141	.081	.026	.130	.075	.024	.119	.069	.022		
2.0	.150	.082	.025	.144	.079	.024	.134	.074	.023	.124	.070	.022	.115	.065	.021		
3.0	.140	.074	.022	.135	.072	.022	.126	.068	.021	.118	.065	.020	.110	.061	.019		
4.0	.130	.068	.020	.126	.066	.020	.119	.063	.019	.112	.060	.018	.106	.057	.017		
5.0	.122	.062	.018	.119	.061	.018	.112	.058	.017	.106	.056	.017	.101	.054	.016		
6.0	.115	.058	.016	.112	.057	.016	.106	.055	.016	.101	.053	.015	.096	.051	.015		
7.0	.108	.054	.015	.106	.053	.015	.101	.051	.015	.096	.049	.014	.092	.048	.014		
8.0	.103	.050	.014	.100	.049	.014	.096	.048	.014	.092	.047	.013	.088	.045	.013		
9.0	.097	.047	.013	.095	.047	.013	.092	.045	.013	.088	.044	.013	.085	.043	.012		
10.0	.093	.044	.012	.091	.044	.012	.088	.043	.012	.085	.042	.012	.082	.041	.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	.170	.157	.146	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.153	.133	.115	.131	.114	.100	.090	.079	.069	.052	.046	.041	.017	.015	.013	
3.0	.139	.113	.093	.119	.098	.080	.082	.068	.056	.047	.040	.033	.015	.013	.011	
4.0	.128	.098	.076	.109	.085	.066	.075	.059	.047	.044	.035	.028	.014	.011	.009	
5.0	.117	.086	.063	.101	.075	.055	.069	.052	.039	.040	.031	.023	.013	.010	.008	
6.0	.109	.077	.053	.094	.066	.046	.065	.046	.033	.037	.027	.020	.012	.009	.006	
7.0	.101	.069	.046	.087	.059	.040	.060	.042	.028	.035	.025	.017	.011	.008	.006	
8.0	.095	.062	.039	.082	.054	.034	.056	.038	.024	.033	.022	.014	.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	.072	.045	.026	.050	.032	.019	.029	.019	.011	.009	.006	.004	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-06-15

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:0.0706A P:15.59W PF:0.9255 Lamp Flux:1152.03x1 lm										
NAME: FS6-13W-830-15D					TYPE:Downlight			SERIAL No.:		
SPEC.:3000K					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	13.4	14.2	13.6	14.3	14.5	13.3	14.1	13.6	14.3	14.4
3H	14.5	15.2	14.7	15.4	15.6	14.4	15.1	14.6	15.3	15.5
4H	14.8	15.5	15.1	15.7	15.9	14.7	15.4	15.0	15.6	15.8
6H	14.9	15.6	15.2	15.8	16.0	14.8	15.5	15.1	15.7	15.9
8H	15.0	15.6	15.3	15.8	16.1	14.8	15.5	15.1	15.7	16.0
12H	15.0	15.6	15.3	15.8	16.1	14.9	15.5	15.2	15.7	16.0
4H 2H	13.8	14.5	14.1	14.7	14.9	13.8	14.5	14.0	14.7	14.9
3H	15.1	15.7	15.4	15.9	16.2	15.0	15.6	15.3	15.9	16.1
4H	15.5	16.0	15.8	16.3	16.6	15.4	15.9	15.7	16.2	16.5
6H	15.6	16.1	16.0	16.5	16.8	15.5	16.0	15.9	16.4	16.7
8H	15.7	16.1	16.1	16.5	16.9	15.6	16.0	16.0	16.4	16.8
12H	15.7	16.1	16.1	16.5	16.9	15.6	16.0	16.0	16.4	16.8
8H 4H	15.6	16.0	16.0	16.4	16.7	15.5	15.9	15.9	16.3	16.7
6H	15.8	16.2	16.2	16.6	17.0	15.7	16.1	16.1	16.5	16.9
8H	15.9	16.2	16.3	16.6	17.1	15.8	16.1	16.2	16.5	17.0
12H	16.0	16.2	16.4	16.7	17.2	15.9	16.1	16.3	16.6	17.0
12H 4H	15.5	15.9	15.9	16.3	16.7	15.5	15.9	15.9	16.2	16.6
6H	15.8	16.1	16.2	16.5	17.0	15.7	16.0	16.1	16.4	16.9
8H	15.9	16.2	16.3	16.6	17.1	15.8	16.1	16.3	16.5	17.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.4 / - 0.6					+ 0.5 / - 0.6				
1.5H	+ 0.4 / - 0.5					+ 0.4 / - 0.5				
2.0H	+ 0.9 / - 0.6					+ 0.9 / - 0.6				

CIE Pub.117 Corrected 1152 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.5)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-06-15

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:0.0706A P:15.59W PF:0.9255 Lamp Flux:1152.03x1 lm		
NAME: FS6-13W-830-15D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	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) $k(RI) \times RCR = 5$									
$k = 0.60$	85	79	75	85	78	74	84	78	74	71
0.80	93	87	83	92	86	82	91	86	82	78
1.00	97	91	88	97	91	87	95	91	87	83
1.25	102	96	92	101	95	92	99	94	91	87
1.50	104	99	96	103	99	95	101	97	94	89
2.00	107	103	100	106	102	99	103	100	97	92
2.50	109	105	102	108	104	101	105	102	99	93
3.00	111	107	104	109	106	103	106	103	101	95
4.00	113	110	108	111	109	106	107	105	104	97
5.00	115	112	110	112	110	109	108	107	105	98
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:2017-06-15

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:0.0706A P:15.59W PF:0.9255 Lamp Flux:1152.03x1 lm		
NAME: FS6-13W-830-15D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L290mm*W45mm*H60mm	
MFR.:		

Conical surface Flux(90deg):

1061.4 lm

%lum = 92.1%

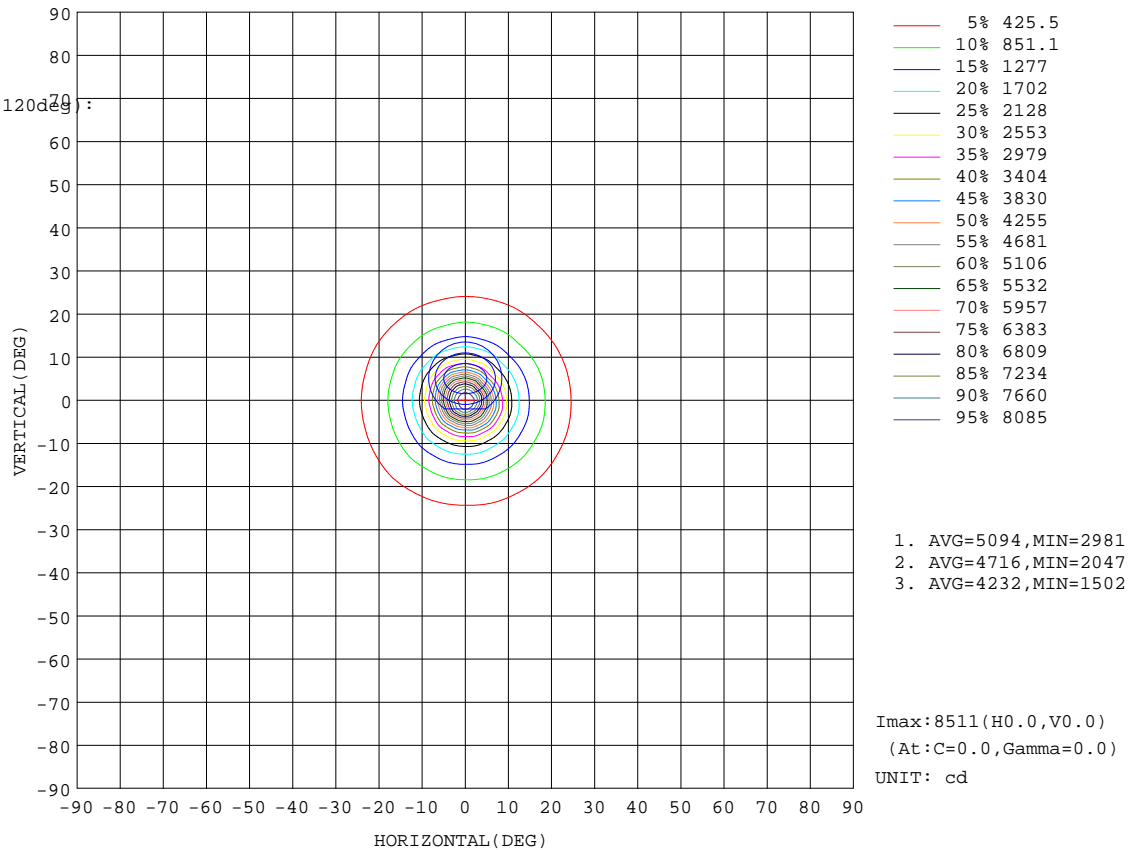
%lamp = 92.1%

Conical surface Flux(120deg):

1116 lm

%lum = 96.9%

%lamp = 96.9%

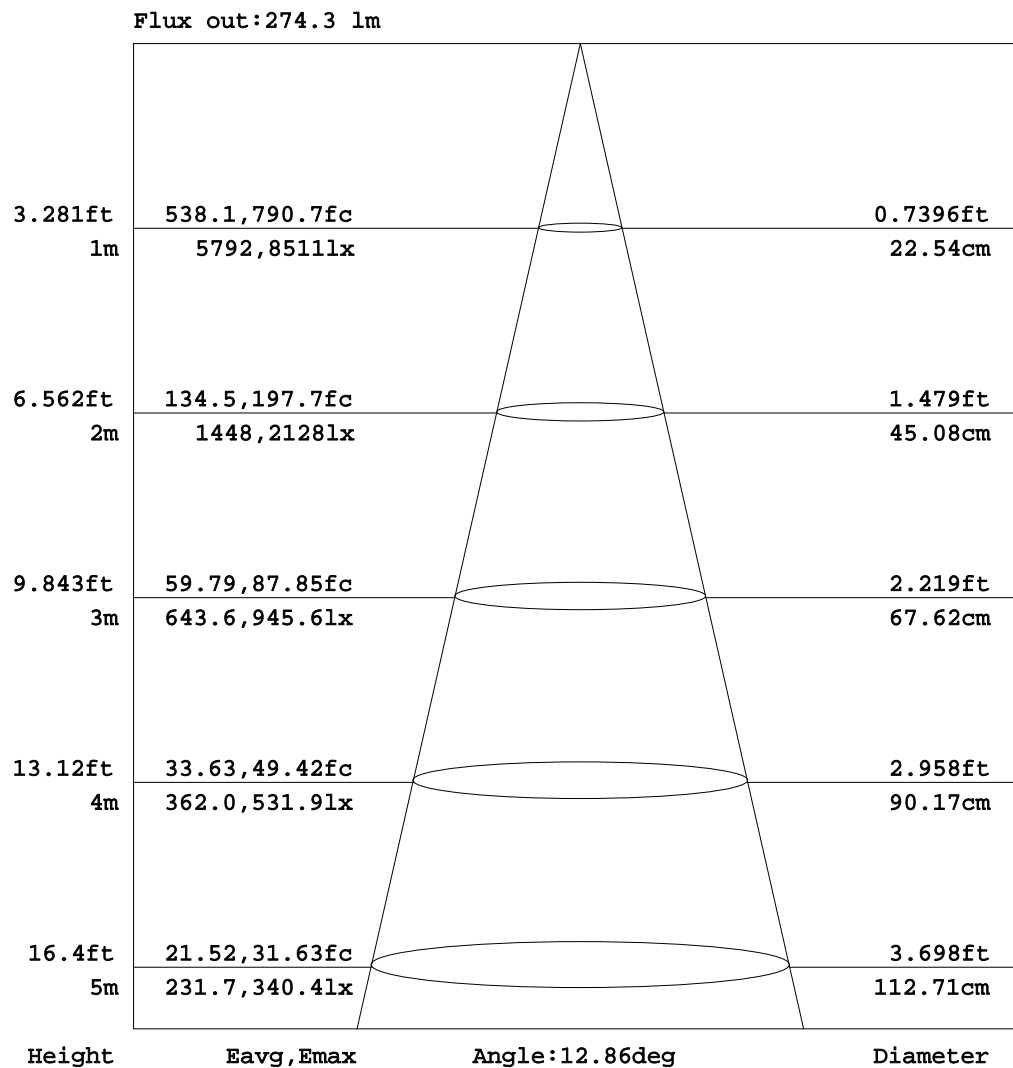


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-06-15

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:0.0706A P:15.59W PF:0.9255 Lamp Flux:1152.03x1 lm		
NAME: FS6-13W-830-15D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L290mm*W45mm*H60mm	
MFR.:		



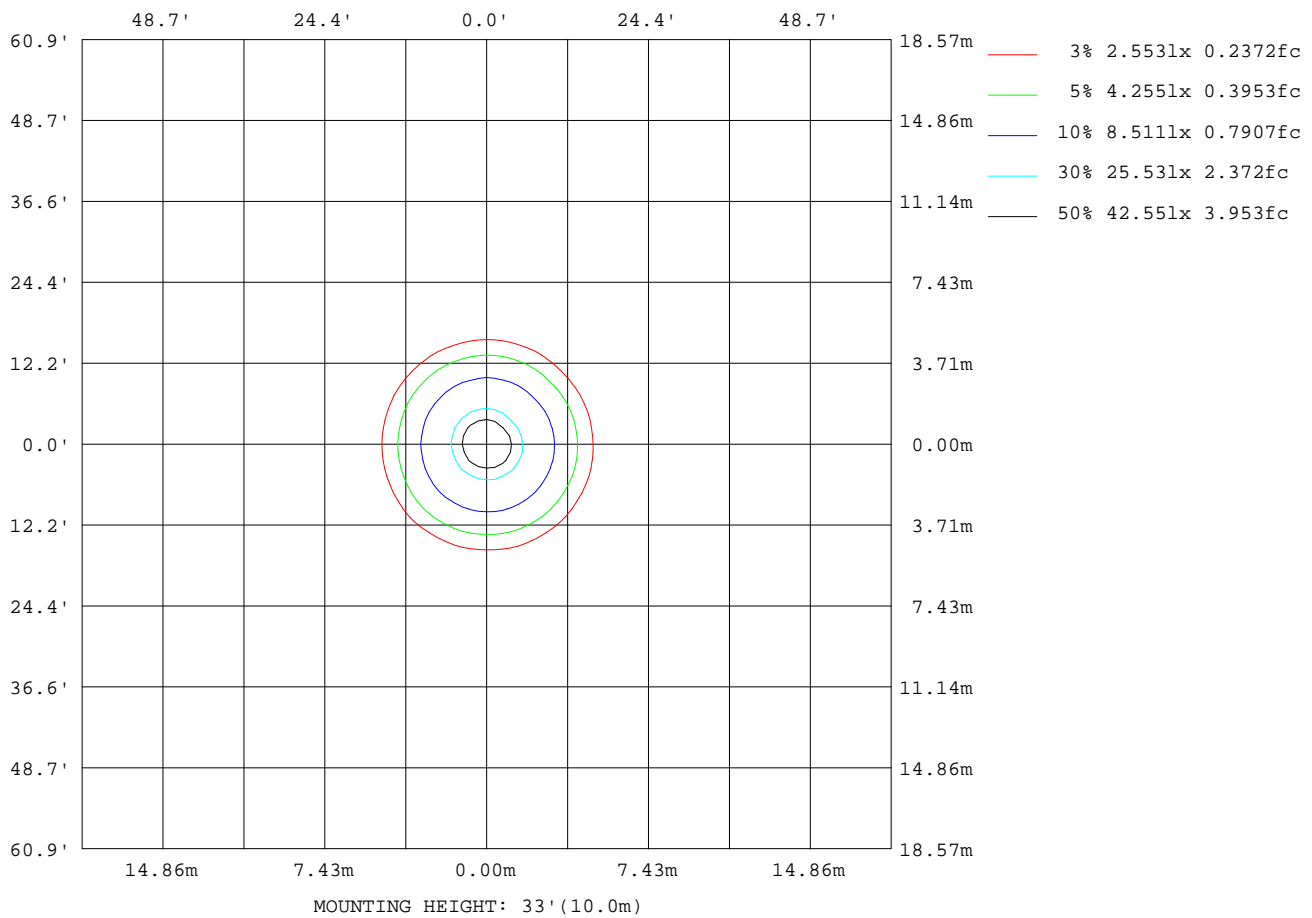
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-06-15

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

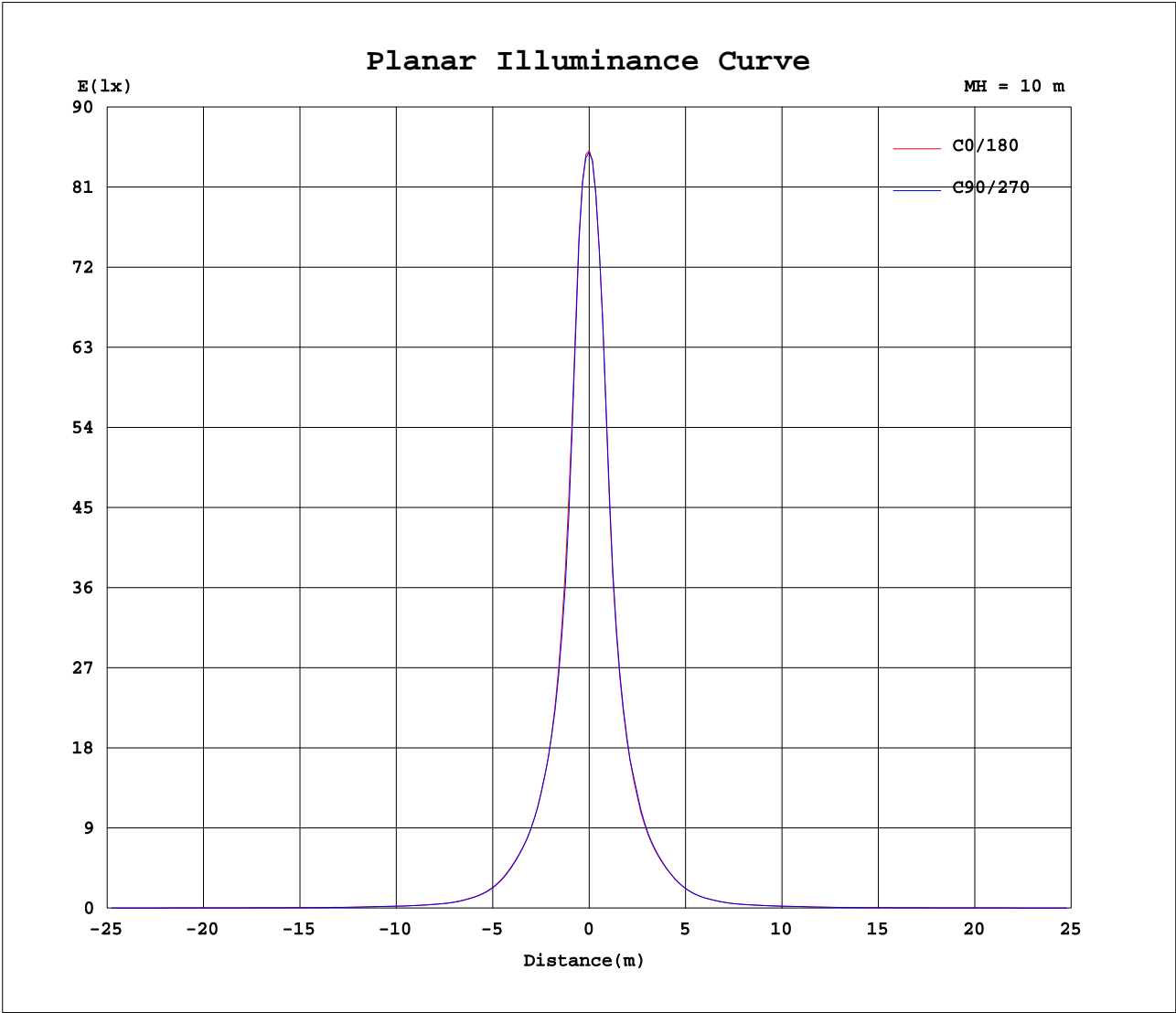
Test:U:220.7V I:0.0706A P:15.59W PF:0.9255 Lamp Flux:1152.03x1 lm		
NAME: FS6-13W-830-15D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L290mm*W45mm*H60mm	
MFR.:		



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2017-06-15

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:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-06-15

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:0.0706A P:15.59W PF:0.9255 Lamp Flux:1152.03x1 lm		
NAME: FS6-13W-830-15D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	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: 2017-06-15

```

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:0.0706A P:15.59W PF:0.9255 Lamp Flux:1152.03x1 lm		
NAME: FS6-13W-830-15D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	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: 2017-06-15

```

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	8511	8507	8508	8507	8509	8504	8495	8483	8459	8443
3.0	7573	7598	7504	7558	7460	7606	7517	7601	7479	7529
6.0	4709	4811	4739	4787	4660	4709	4497	4498	4413	4595
9.0	2792	2895	2846	2865	2769	2794	2715	2737	2679	2743
12.0	1804	1849	1833	1852	1819	1838	1803	1824	1796	1814
15.0	1251	1276	1266	1280	1264	1278	1254	1260	1238	1251
18.0	896.9	911.9	904.8	916.8	905.9	910.3	891.2	891.0	874.0	881.3
21.0	652.7	662.9	656.6	663.1	653.1	656.2	644.1	643.1	637.5	639.2
24.0	454.4	463.4	460.0	464.4	456.5	457.0	445.3	448.7	444.2	449.6
27.0	310.8	318.9	314.5	318.2	311.2	311.7	302.6	304.1	299.9	305.2
30.0	216.7	222.6	220.2	222.5	218.1	218.0	211.8	211.5	208.3	210.4
33.0	156.7	160.4	158.5	159.8	156.5	155.9	152.1	152.5	151.0	152.7
36.0	111.3	114.0	113.9	114.3	112.7	112.2	110.5	110.0	109.7	110.0
39.0	87.64	89.28	89.47	89.89	89.11	88.97	88.04	87.87	87.64	87.95
42.0	73.04	73.91	74.00	74.45	74.19	73.95	73.45	73.18	73.21	73.30
45.0	62.95	63.69	63.68	64.15	63.61	63.68	63.10	63.32	63.17	63.81
48.0	55.26	55.77	55.85	56.12	55.62	55.47	55.06	55.29	55.28	55.92
51.0	43.88	44.45	44.27	44.66	44.00	44.03	43.38	43.22	42.66	42.75
54.0	36.57	36.94	36.76	36.90	36.62	36.64	36.27	36.15	35.92	36.22
57.0	32.43	32.73	32.55	32.66	32.38	32.44	32.17	32.12	31.99	32.27
60.0	29.08	29.32	29.15	29.19	28.99	29.05	28.80	28.78	28.67	28.95
63.0	25.73	25.96	25.79	25.84	25.66	25.70	25.47	25.43	25.32	25.61
66.0	22.25	22.48	22.27	22.36	22.17	22.23	21.99	21.96	21.81	22.15
69.0	18.59	18.78	18.57	18.67	18.47	18.55	18.29	18.26	18.10	18.42
72.0	14.78	14.91	14.70	14.79	14.59	14.69	14.44	14.44	14.23	14.54
75.0	10.16	10.36	10.04	10.13	9.901	9.920	9.637	9.789	9.566	9.910
78.0	6.074	6.162	6.086	6.114	5.978	5.963	5.832	5.843	5.768	5.822
81.0	4.236	4.294	4.212	4.233	4.134	4.137	4.039	4.065	3.991	4.047
84.0	2.835	2.865	2.813	2.816	2.745	2.736	2.671	2.674	2.629	2.666
87.0	1.625	1.635	1.607	1.591	1.548	1.523	1.485	1.475	1.456	1.469
90.0	0.5554	0.5466	0.5444	0.5204	0.5029	0.4657	0.4504	0.4285	0.4285	0.4154
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	8444	8458	8511	8507	8508	8507	8509	8504	8495	8483
3.0	7385	7309	7421	7302	7392	7307	7400	7344	7414	7376
6.0	4485	4473	4645	4641	4799	4753	4866	4674	4724	4556
9.0	2659	2653	2711	2697	2776	2767	2822	2725	2761	2689
12.0	1760	1740	1771	1747	1785	1766	1792	1760	1785	1758
15.0	1209	1188	1198	1181	1202	1195	1225	1207	1234	1211
18.0	855.8	841.1	845.3	832.2	845.2	835.5	852.1	840.8	862.4	854.2
21.0	622.5	606.9	611.2	604.9	611.4	606.2	614.8	608.5	621.0	617.2
24.0	436.6	428.9	430.8	423.0	428.9	422.7	426.5	420.5	428.9	426.7
27.0	295.9	292.3	293.1	288.1	291.2	287.5	290.6	286.4	292.1	288.0
30.0	204.2	202.3	203.8	201.7	204.3	201.3	204.2	200.5	203.2	200.6
33.0	148.3	146.3	147.9	146.6	147.8	145.5	147.5	145.7	148.1	146.1
36.0	107.3	106.2	107.9	107.9	108.7	108.0	108.4	107.3	108.1	106.6
39.0	86.68	86.18	87.15	86.81	87.02	86.59	86.71	86.04	86.28	85.74
42.0	72.73	72.48	73.21	73.05	73.05	72.84	72.66	72.29	72.41	72.00
45.0	63.04	62.91	63.47	63.22	63.46	62.96	62.96	62.48	62.82	62.50
48.0	55.25	55.10	55.41	54.91	55.12	54.73	54.96	54.70	55.14	54.98
51.0	41.79	41.78	42.41	42.31	43.20	42.96	43.75	43.90	44.42	43.60
54.0	35.76	35.61	35.76	35.69	36.02	35.88	36.13	36.07	36.35	36.23
57.0	31.98	31.79	31.87	31.81	32.01	31.92	32.05	31.92	32.14	32.09
60.0	28.68	28.50	28.55	28.49	28.65	28.58	28.70	28.59	28.78	28.76
63.0	25.35	25.16	25.20	25.09	25.25	25.17	25.31	25.23	25.39	25.37
66.0	21.85	21.68	21.73	21.51	21.70	21.58	21.79	21.67	21.93	21.82
69.0	18.10	17.98	17.99	17.76	17.92	17.82	18.03	17.96	18.19	18.08
72.0	14.19	14.11	14.11	13.89	14.03	13.95	14.17	14.15	14.36	14.28
75.0	9.444	9.330	9.425	9.214	9.395	9.321	9.643	9.661	9.937	9.838
78.0	5.696	5.645	5.689	5.672	5.765	5.760	5.859	5.841	5.916	5.873
81.0	3.948	3.929	3.956	3.922	4.004	3.981	4.072	4.056	4.133	4.093
84.0	2.592	2.563	2.577	2.562	2.612	2.615	2.673	2.678	2.730	2.715
87.0	1.423	1.377	1.387	1.385	1.415	1.429	1.466	1.484	1.516	1.516
90.0	0.4111	0.3586	0.3651	0.3848	0.3826	0.4220	0.4176	0.4548	0.4526	0.4723
G/C	300.0	315.0	330.0	345.0						
0.0	8459	8443	8444	8458						
3.0	7446	7317	7489	7574						
6.0	4549	4317	4477	4636						
9.0	2696	2592	2671	2738						
12.0	1773	1711	1756	1784						
15.0	1217	1189	1221	1245						
18.0	864.7	849.1	877.5	892.6						
21.0	623.8	616.0	633.7	646.3						

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2017-06-15

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	432.7	424.9	439.5	449.0
27.0	292.5	289.1	299.1	306.7
30.0	203.3	201.2	207.5	212.2
33.0	148.2	147.2	151.9	154.8
36.0	107.0	105.9	107.6	109.8
39.0	85.63	85.19	86.09	86.88
42.0	71.81	71.53	71.99	72.48
45.0	62.58	62.12	62.44	62.44
48.0	54.91	54.55	54.82	54.94
51.0	43.73	42.79	43.32	43.62
54.0	36.44	36.16	36.37	36.46
57.0	32.27	32.13	32.28	32.36
60.0	28.89	28.78	28.91	29.04
63.0	25.50	25.41	25.57	25.71
66.0	22.02	21.88	22.11	22.25
69.0	18.27	18.15	18.40	18.59
72.0	14.44	14.33	14.58	14.80
75.0	10.09	9.971	10.18	10.33
78.0	5.920	5.851	5.973	6.082
81.0	4.155	4.095	4.201	4.246
84.0	2.754	2.718	2.791	2.847
87.0	1.533	1.519	1.568	1.628
90.0	0.4679	0.4635	0.4832	0.5597

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-06-15

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: