
LED Downlight FUSION Series LE-
FS6-13W-830-30D



Light Output Ratio:	100.0%	
Luminaire Power:	15.73 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.50	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

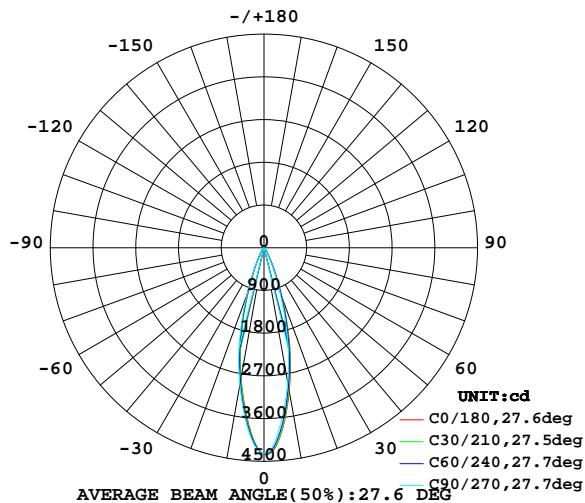
γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

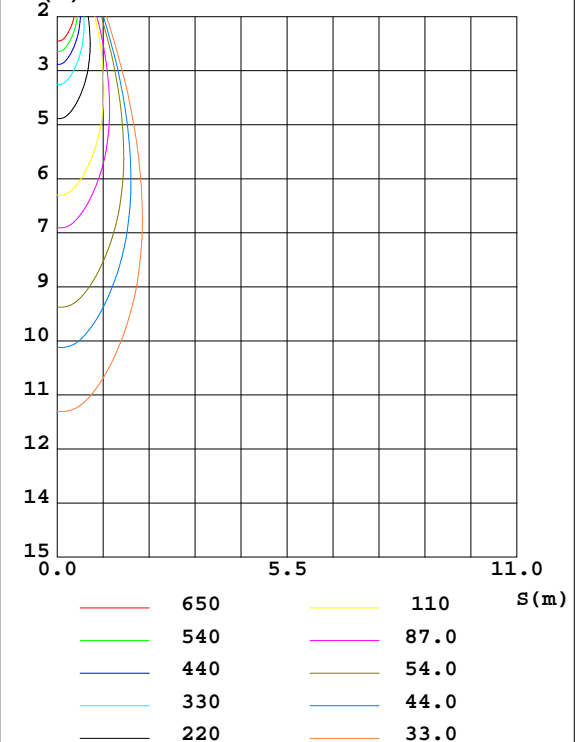
Test:U:220.7V I:0.0712A P:15.73W PF:0.9248 Lamp Flux:1219.61x1 lm		
NAME: FS6-13W-830-30D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L290mm*W45mm*H60mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 77.56 lm/W			
MODEL	CREE-3000K	I _{max} (cd)	4362	S/MH(C0/180)	0.44
NOMINAL POWER(W)	15.0	LOR(%)	100.0	S/MH(C90/270)	0.47
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	1219.6	η UP,DN(C0-180)	0.0,50.1
NOMINAL FLUX(lm)	1219.61	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.9
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	0.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



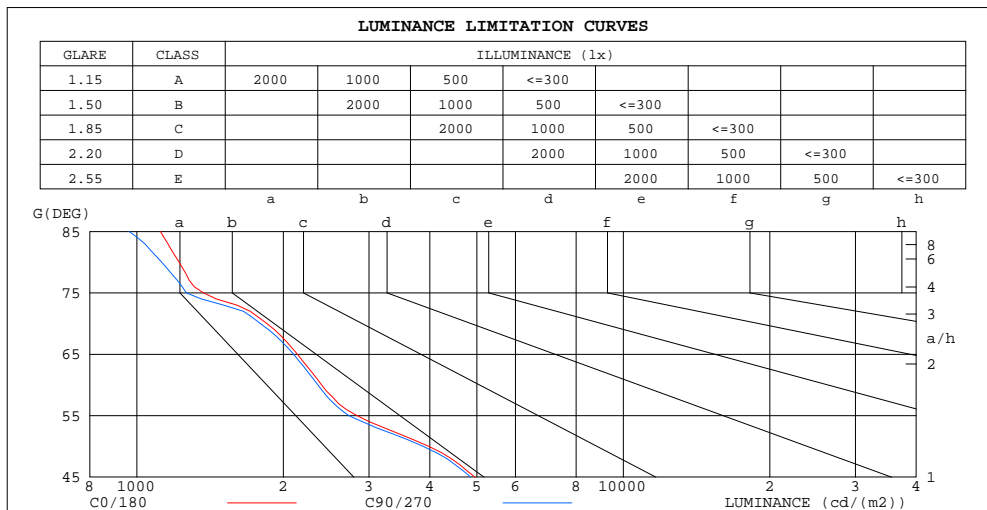
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-06-15

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	3071	3015	2891	2817	2792	2801	2932	2945	0- 10	335.4	335.4	27.5,27.5
20	1130	1103	971.5	933.2	943.7	970.6	1051	1066	10- 20	521.3	856.7	70.2,70.2
30	225.6	216.5	193.3	183.9	188.2	189.2	201.7	208.8	20- 30	221.7	1078	88.4,88.4
40	62.62	63.76	59.85	59.56	59.82	59.91	61.03	60.11	30- 40	68.33	1147	94,94
50	33.42	34.00	32.54	32.76	32.10	32.64	33.27	33.20	40- 50	35.11	1182	96.9,96.9
60	15.65	15.66	15.37	15.30	15.28	15.51	15.75	15.55	50- 60	19.69	1202	98.5,98.5
70	8.261	8.204	8.014	8.007	7.958	8.115	8.349	8.281	60- 70	11.58	1213	99.5,99.5
80	2.767	2.728	2.549	2.507	2.517	2.585	2.712	2.736	70- 80	5.165	1218	99.9,99.9
90	0.1028	0.1093	0.0743	0.0678	0.0503	0.0678	0.0700	0.0896	80- 90	1.309	1220	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		



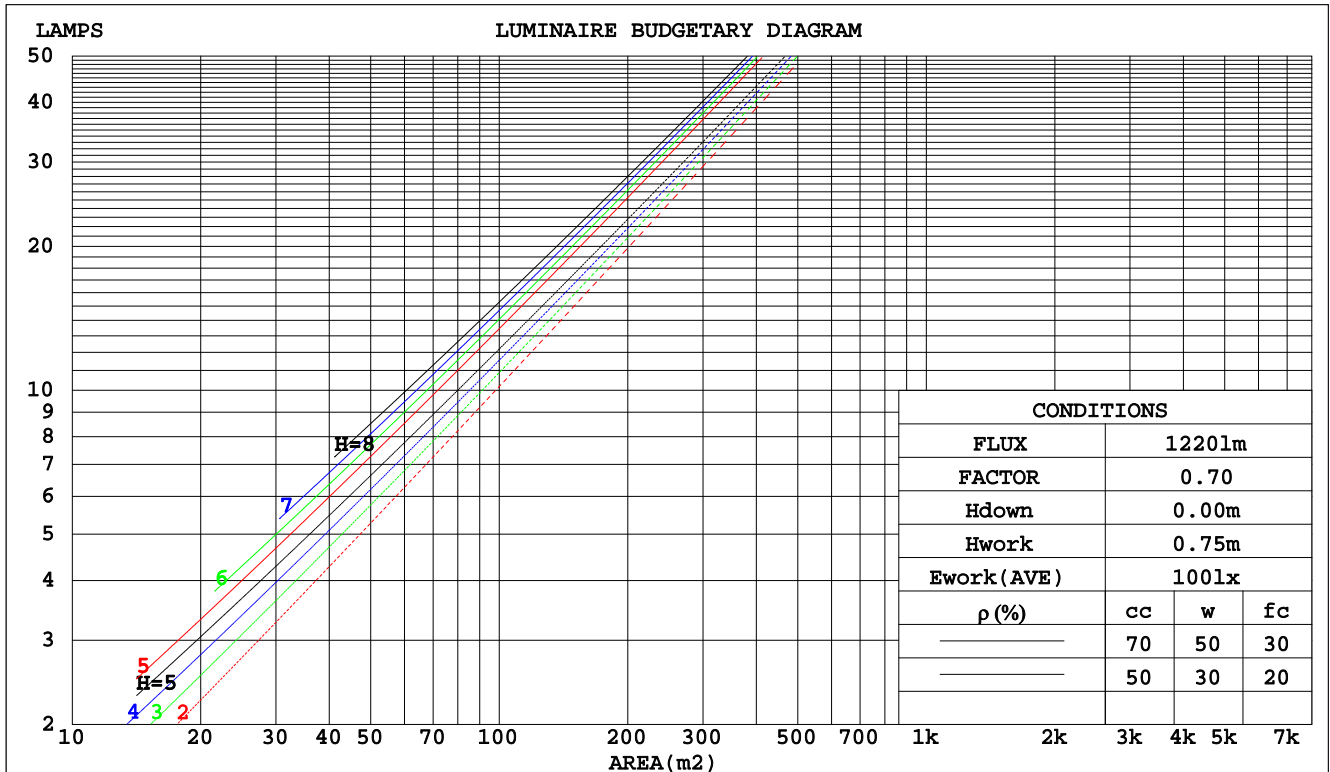
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2017-06-15

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:0.0712A P:15.73W PF:0.9248 Lamp Flux:1219.61lx1 lm		
NAME: FS6-13W-830-30D	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	1.10	1.08	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	.00	.99	.98	.97	.95
2.0	1.06	1.02	.00	1.04	1.01	.98	1.01	.99	.96	.98	.96	.94	.95	.94	.92	.91
3.0	1.00	.96	.93	.99	.95	.92	.97	.93	.91	.94	.92	.90	.92	.90	.88	.87
4.0	.96	.91	.88	.95	.91	.87	.93	.89	.86	.91	.88	.85	.89	.86	.84	.83
5.0	.92	.87	.83	.91	.86	.83	.89	.85	.82	.87	.84	.82	.86	.83	.81	.80
6.0	.88	.83	.80	.87	.83	.79	.86	.82	.79	.84	.81	.78	.83	.80	.78	.77
7.0	.84	.80	.76	.84	.79	.76	.83	.79	.76	.82	.78	.75	.80	.77	.75	.74
8.0	.81	.77	.73	.81	.76	.73	.80	.76	.73	.79	.75	.73	.78	.75	.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	.75	.71	.68	.75	.71	.68	.74	.70	.68	.73	.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:0.0712A P:15.73W PF:0.9248 Lamp Flux:1219.61x1 lm		
NAME: FS6-13W-830-30D	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	.154	.088	.028	.147	.084	.027	.135	.077	.025	.123	.071	.023	.113	.065	.021		
2.0	.144	.079	.024	.138	.076	.023	.128	.071	.022	.119	.066	.021	.110	.062	.020		
3.0	.135	.072	.021	.130	.070	.021	.121	.066	.020	.113	.062	.019	.106	.059	.018		
4.0	.127	.066	.019	.123	.064	.019	.115	.061	.018	.108	.058	.018	.102	.055	.017		
5.0	.119	.061	.018	.116	.059	.017	.110	.057	.017	.104	.055	.016	.098	.052	.016		
6.0	.113	.057	.016	.110	.056	.016	.104	.054	.016	.099	.052	.015	.094	.050	.015		
7.0	.107	.053	.015	.105	.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	.097	.047	.013	.095	.046	.013	.092	.045	.013	.088	.044	.013	.085	.043	.012		
10.0	.093	.045	.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	.158	.147	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.153	.133	.116	.131	.114	.100	.090	.079	.070	.052	.046	.041	.017	.015	.013	
3.0	.138	.113	.093	.119	.098	.081	.081	.068	.057	.047	.040	.033	.015	.013	.011	
4.0	.127	.098	.077	.109	.085	.067	.075	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.117	.086	.064	.100	.075	.055	.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	.094	.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	.072	.045	.026	.050	.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:2017-06-15

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:0.0712A P:15.73W PF:0.9248 Lamp Flux:1219.61x1 lm										
NAME: FS6-13W-830-30D					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	10.6	11.3	10.8	11.5	11.7	10.4	11.1	10.6	11.3	11.4
3H	11.1	11.8	11.3	12.0	12.2	10.9	11.6	11.1	11.8	11.9
4H	11.2	11.9	11.5	12.1	12.3	11.0	11.7	11.3	11.9	12.1
6H	11.3	12.0	11.6	12.2	12.4	11.1	11.7	11.4	11.9	12.2
8H	11.3	12.0	11.6	12.2	12.5	11.1	11.7	11.4	11.9	12.2
12H	11.4	11.9	11.7	12.2	12.5	11.1	11.7	11.4	11.9	12.2
4H 2H	10.8	11.4	11.0	11.6	11.8	10.5	11.2	10.8	11.4	11.6
3H	11.4	12.0	11.7	12.2	12.5	11.2	11.8	11.5	12.0	12.3
4H	11.6	12.1	11.9	12.4	12.7	11.4	11.9	11.7	12.2	12.5
6H	11.7	12.2	12.1	12.5	12.9	11.5	12.0	11.9	12.3	12.7
8H	11.8	12.2	12.2	12.6	12.9	11.5	12.0	11.9	12.3	12.7
12H	11.8	12.2	12.2	12.6	13.0	11.6	12.0	12.0	12.3	12.7
8H 4H	11.6	12.0	12.0	12.4	12.8	11.4	11.8	11.8	12.2	12.6
6H	11.8	12.2	12.2	12.6	13.0	11.6	12.0	12.0	12.3	12.8
8H	11.9	12.2	12.3	12.6	13.1	11.7	12.0	12.1	12.4	12.8
12H	12.0	12.2	12.4	12.7	13.1	11.7	12.0	12.2	12.4	12.9
12H 4H	11.6	12.0	12.0	12.3	12.7	11.4	11.8	11.8	12.1	12.5
6H	11.8	12.1	12.2	12.5	13.0	11.6	11.9	12.0	12.3	12.8
8H	11.9	12.2	12.4	12.6	13.1	11.7	11.9	12.1	12.4	12.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.8 / - 1.1					+ 0.8 / - 1.1				
1.5H	+ 1.2 / - 0.9					+ 0.9 / - 1.0				
2.0H	+ 1.8 / - 1.1					+ 1.8 / - 1.0				

CIE Pub.117 Corrected 1220 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.7)

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:0.0712A P:15.73W PF:0.9248 Lamp Flux:1219.61x1 lm		
NAME: FS6-13W-830-30D	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) $k(RI) \times RCR = 5$									
$k = 0.60$	88	82	78	87	81	78	87	81	78	74
0.80	95	89	86	94	89	86	93	88	85	82
1.00	99	94	90	99	93	90	97	93	89	86
1.25	103	98	95	102	98	94	100	96	94	89
1.50	106	101	98	105	101	97	103	99	96	92
2.00	109	104	101	107	103	100	104	101	99	94
2.50	110	106	104	109	105	103	106	103	101	95
3.00	112	108	106	110	107	105	107	104	102	96
4.00	114	111	109	112	109	108	108	106	105	98
5.00	115	113	111	113	111	109	109	108	106	99
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:0.0712A P:15.73W PF:0.9248 Lamp Flux:1219.61x1 lm		
NAME: FS6-13W-830-30D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L290mm*W45mm*H60mm	
MFR.:		

Conical surface Flux(90deg):

1166 lm

%lum = 95.6%

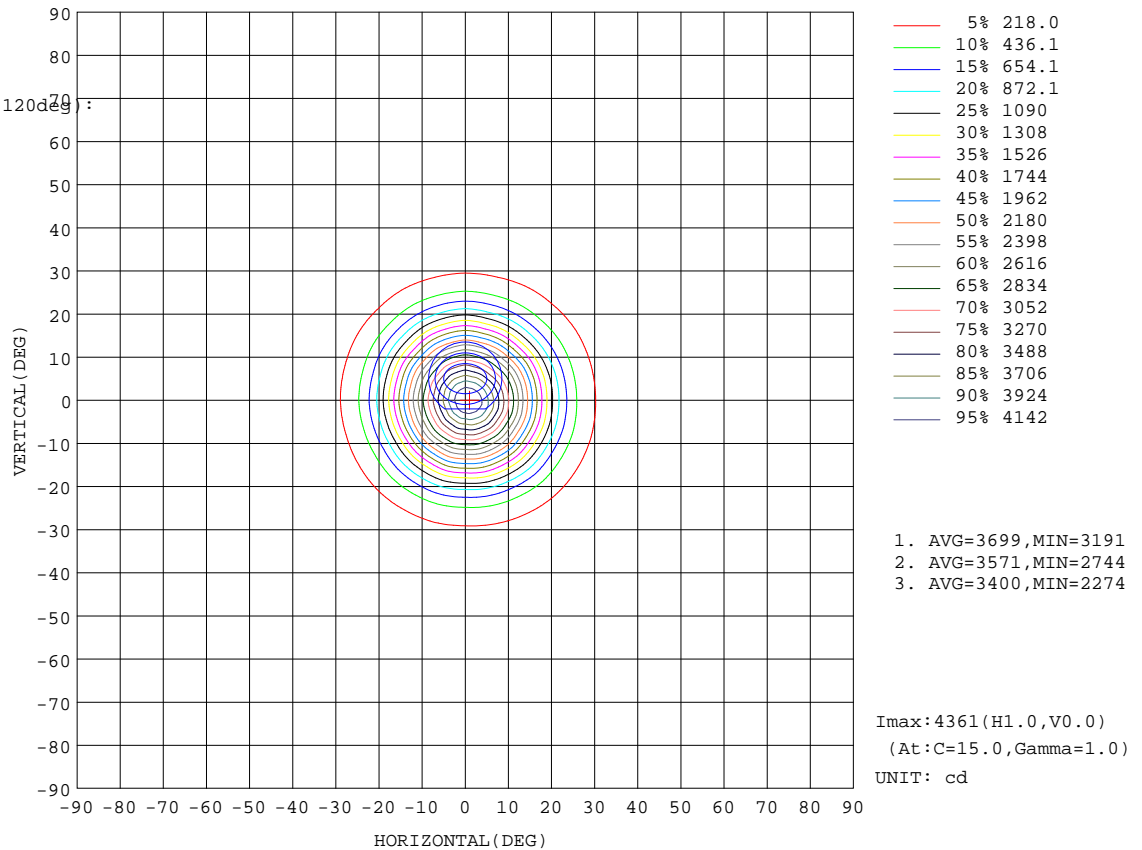
%lamp = 95.6%

Conical surface Flux(120deg):

1201.5 lm

%lum = 98.5%

%lamp = 98.5%

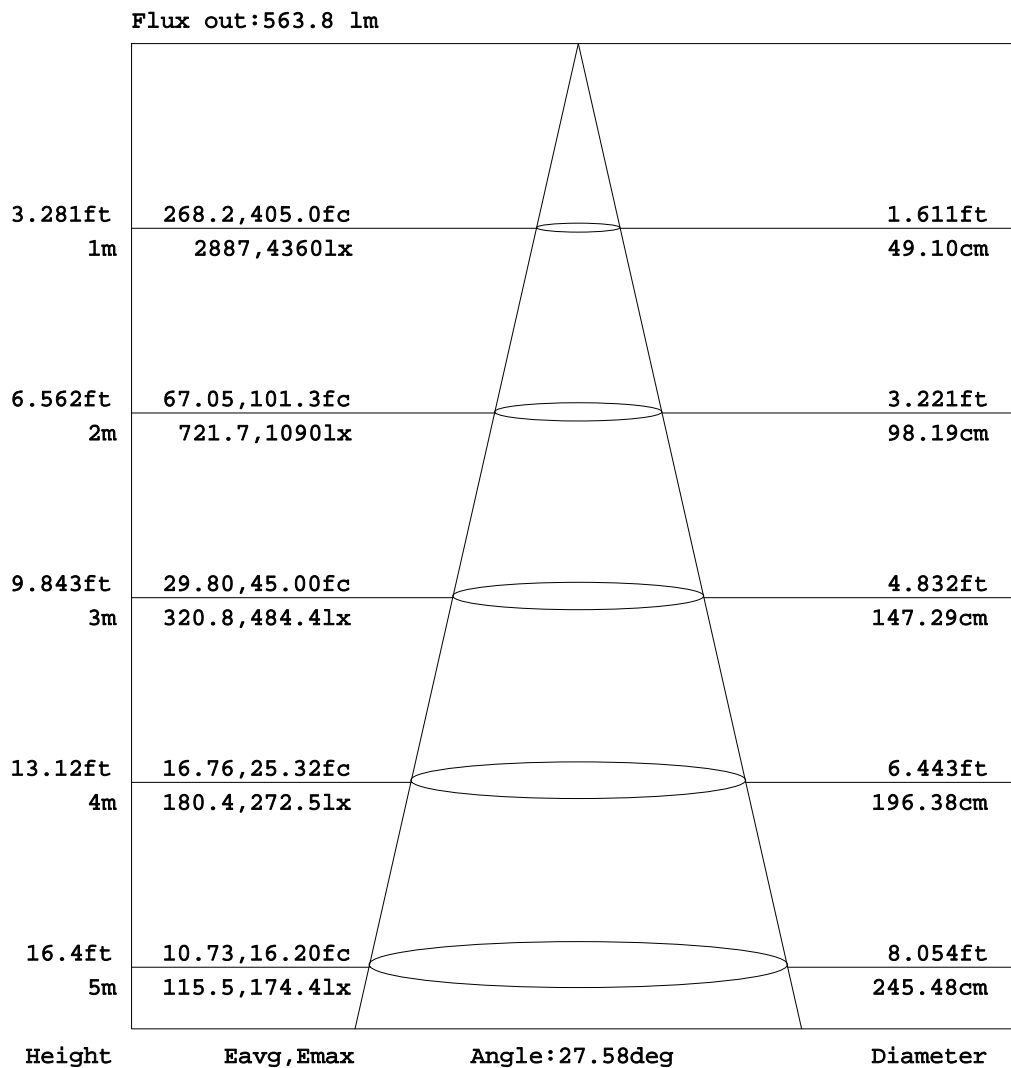


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-06-15

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:

AAI Figure

Test:U:220.7V I:0.0712A P:15.73W PF:0.9248 Lamp Flux:1219.61x1 lm		
NAME: FS6-13W-830-30D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L290mm*W45mm*H60mm	
MFR.:		



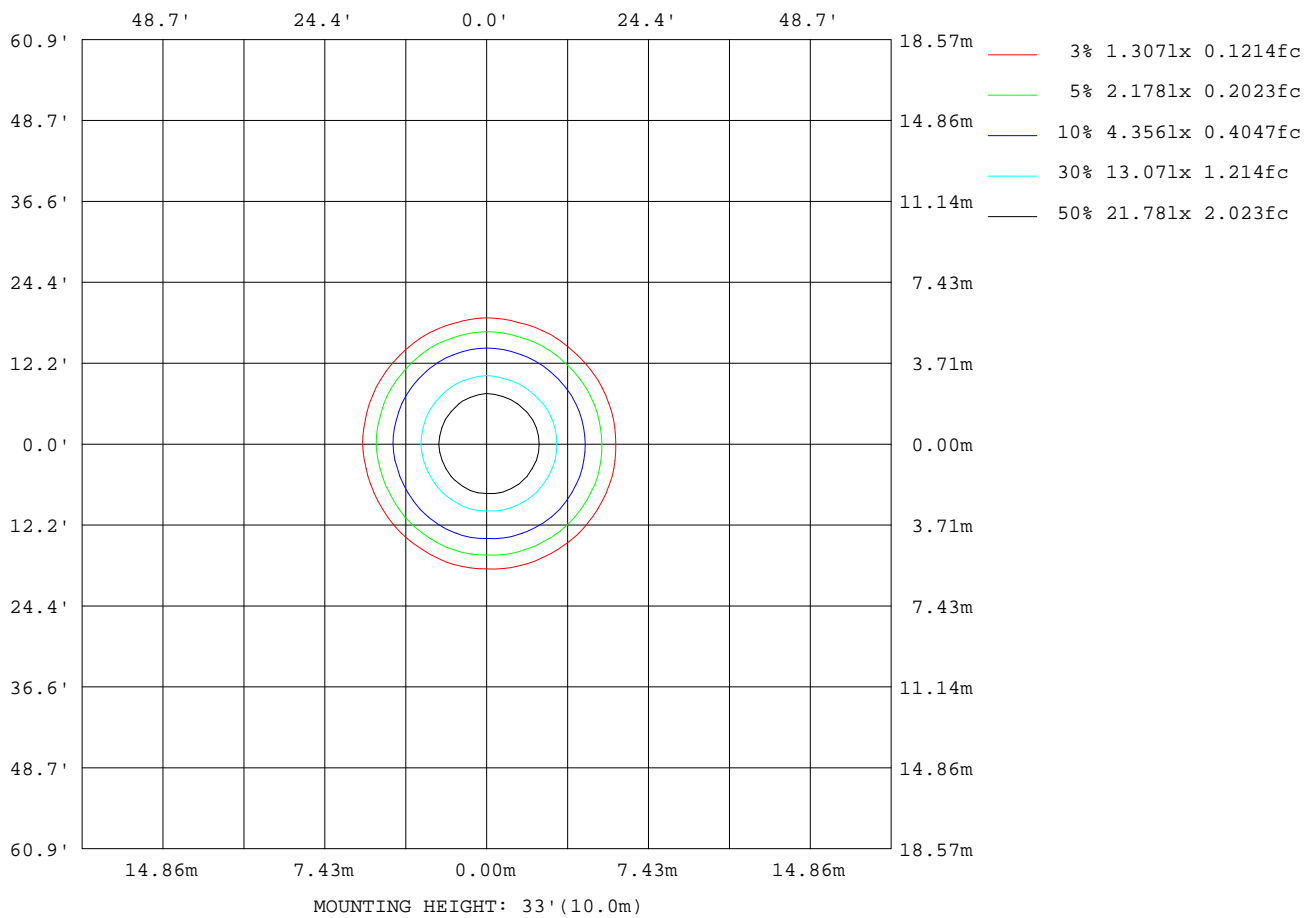
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

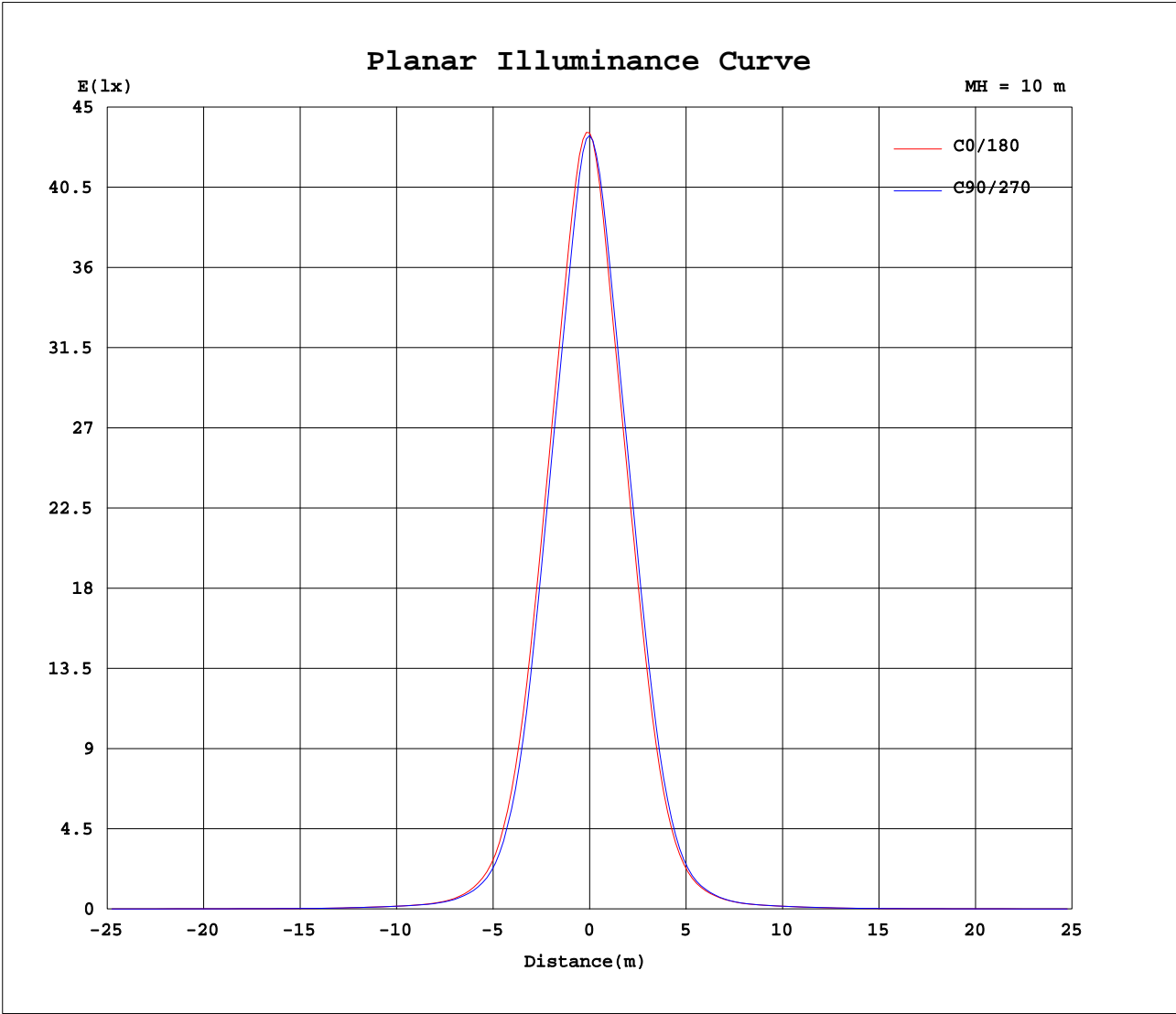
Test:U:220.7V I:0.0712A P:15.73W PF:0.9248 Lamp Flux:1219.6lx1 lm		
NAME: FS6-13W-830-30D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L290mm*W45mm*H60mm	
MFR.:		



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:0.0712A P:15.73W PF:0.9248 Lamp Flux:1219.61x1 lm		
NAME: FS6-13W-830-30D	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:0.0712A P:15.73W PF:0.9248 Lamp Flux:1219.61x1 lm		
NAME: FS6-13W-830-30D	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	4356	4351	4351	4346	4347	4342	4341	4337	4332	4332
3.0	4247	4255	4229	4220	4187	4176	4132	4129	4091	4091
6.0	3812	3835	3800	3794	3732	3696	3621	3619	3563	3556
9.0	3261	3272	3217	3216	3160	3137	3072	3074	3016	3002
12.0	2681	2687	2630	2630	2582	2568	2502	2510	2447	2436
15.0	2073	2074	2028	2034	1978	1959	1899	1904	1840	1820
18.0	1481	1491	1452	1454	1397	1374	1305	1318	1265	1251
21.0	976.1	979.9	958.7	953.1	905.5	874.7	829.0	843.4	810.2	798.9
24.0	606.9	606.0	593.4	590.6	558.1	532.9	503.4	506.9	487.7	479.8
27.0	359.1	367.7	354.7	350.4	328.6	316.9	301.3	304.0	291.7	289.4
30.0	225.6	227.2	220.9	216.5	206.8	201.5	193.3	193.8	185.4	183.9
33.0	144.9	145.7	142.0	143.4	135.2	134.7	128.2	130.6	125.6	127.5
36.0	95.55	97.43	95.55	95.03	91.45	89.87	87.23	87.24	85.37	85.33
39.0	69.13	69.69	69.91	69.38	68.26	66.59	64.44	64.47	63.60	63.74
42.0	54.20	55.29	55.58	55.76	54.48	54.04	52.92	52.95	52.47	53.01
45.0	45.72	46.76	46.91	46.89	46.27	45.75	44.84	45.04	44.89	45.08
48.0	38.65	39.51	39.40	39.38	38.86	38.54	37.86	38.33	38.03	38.00
51.0	30.56	31.26	31.03	31.17	30.50	30.43	29.76	30.11	29.81	29.91
54.0	23.06	23.53	23.40	23.32	22.71	22.56	22.32	22.55	22.10	22.15
57.0	18.43	18.72	18.59	18.53	18.19	18.08	18.03	18.11	17.94	17.90
60.0	15.65	15.80	15.69	15.66	15.35	15.36	15.37	15.56	15.30	15.30
63.0	13.26	13.36	13.22	13.24	12.98	13.01	13.05	13.20	13.03	12.96
66.0	11.07	11.14	11.01	11.03	10.80	10.86	10.86	11.01	10.82	10.80
69.0	8.970	9.017	8.891	8.899	8.727	8.779	8.727	8.812	8.670	8.707
72.0	6.896	6.951	6.850	6.893	6.684	6.729	6.679	6.729	6.633	6.638
75.0	4.632	4.769	4.644	4.681	4.593	4.479	4.269	4.302	4.227	4.246
78.0	3.428	3.456	3.393	3.399	3.316	3.303	3.207	3.231	3.155	3.170
81.0	2.448	2.459	2.406	2.398	2.332	2.304	2.236	2.245	2.190	2.190
84.0	1.552	1.550	1.510	1.488	1.442	1.414	1.368	1.370	1.329	1.320
87.0	0.7442	0.7306	0.7114	0.6847	0.6523	0.6191	0.5910	0.5841	0.5626	0.5491
90.0	0.1028	0.1006	0.1203	0.1093	0.1028	0.0853	0.0743	0.0634	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	4326	4325	4356	4351	4351	4346	4347	4342	4341	4337
3.0	4055	4046	4077	4058	4083	4079	4107	4108	4140	4137
6.0	3511	3513	3543	3531	3573	3575	3626	3627	3667	3641
9.0	2960	2962	2982	2960	2994	2998	3068	3079	3116	3089
12.0	2391	2387	2411	2393	2425	2422	2494	2511	2565	2537
15.0	1787	1788	1821	1806	1847	1850	1914	1933	1972	1943
18.0	1219	1230	1263	1262	1293	1296	1350	1359	1403	1366
21.0	767.4	782.0	806.3	799.3	825.5	826.8	866.4	874.6	902.3	877.1
24.0	460.7	468.0	489.3	483.2	500.0	499.3	522.9	527.5	546.8	532.9
27.0	278.7	283.8	294.9	293.3	300.9	296.6	312.1	311.2	323.3	315.8
30.0	180.3	180.0	188.2	186.4	188.7	189.2	195.0	195.5	201.7	199.3
33.0	121.6	122.1	127.5	125.2	127.9	125.1	130.2	129.3	135.0	132.0
36.0	83.57	83.83	87.31	86.97	88.10	86.69	88.69	88.07	89.45	86.94
39.0	62.91	62.90	64.40	64.23	65.05	65.55	65.76	66.05	65.93	63.80
42.0	51.86	51.78	52.35	52.57	52.83	53.36	53.90	53.27	53.51	52.30
45.0	43.85	43.69	44.19	44.34	44.66	44.97	45.16	44.83	45.29	44.69
48.0	37.16	36.79	37.11	37.21	37.54	37.67	37.88	37.56	38.26	38.25
51.0	29.09	28.86	29.34	29.35	29.97	29.98	30.34	30.03	30.57	30.30
54.0	21.75	21.78	22.26	22.24	22.66	22.67	22.87	22.60	22.98	22.56
57.0	17.65	17.65	17.94	17.98	18.24	18.16	18.31	18.18	18.33	18.24
60.0	15.04	15.07	15.28	15.32	15.58	15.51	15.66	15.57	15.75	15.62
63.0	12.71	12.77	12.91	12.96	13.20	13.18	13.37	13.24	13.40	13.27
66.0	10.54	10.61	10.75	10.83	11.03	10.96	11.13	11.08	11.19	11.08
69.0	8.471	8.484	8.648	8.721	8.941	8.819	8.919	8.955	9.072	8.955
72.0	6.469	6.452	6.596	6.572	6.787	6.633	6.853	6.855	6.957	6.909
75.0	4.160	4.184	4.262	4.258	4.401	4.386	4.467	4.427	4.478	4.387
78.0	3.115	3.133	3.182	3.178	3.245	3.250	3.322	3.322	3.387	3.344
81.0	2.153	2.155	2.194	2.196	2.253	2.268	2.323	2.335	2.386	2.362
84.0	1.291	1.277	1.306	1.317	1.354	1.378	1.420	1.442	1.483	1.474
87.0	0.5255	0.5054	0.5244	0.5358	0.5595	0.5904	0.6140	0.6429	0.6686	0.6713
90.0	0.0656	0.0634	0.0503	0.0568	0.0503	0.0678	0.0634	0.0743	0.0700	0.0765
G/C	300.0	315.0	330.0	345.0						
0.0	4332	4332	4326	4325						
3.0	4163	4175	4208	4224						
6.0	3682	3692	3748	3785						
9.0	3113	3128	3195	3235						
12.0	2564	2579	2645	2672						
15.0	1977	1991	2058	2071						
18.0	1400	1407	1471	1488						
21.0	907.0	915.6	954.2	976.3						

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	546.7	560.7	585.0	603.1
27.0	328.8	329.6	346.4	355.8
30.0	207.1	208.8	218.6	222.6
33.0	138.4	139.1	144.7	145.5
36.0	89.11	90.97	93.42	95.29
39.0	64.23	65.75	66.73	67.71
42.0	52.78	53.05	53.27	53.26
45.0	45.10	44.97	45.05	44.70
48.0	38.56	38.41	38.39	38.00
51.0	30.64	30.37	30.54	30.32
54.0	22.76	22.53	22.76	22.92
57.0	18.30	18.18	18.26	18.39
60.0	15.65	15.55	15.61	15.62
63.0	13.31	13.20	13.28	13.28
66.0	11.13	11.01	11.09	11.07
69.0	9.038	8.944	9.020	8.955
72.0	7.044	6.973	6.953	6.916
75.0	4.437	4.476	4.645	4.633
78.0	3.377	3.387	3.440	3.440
81.0	2.384	2.412	2.452	2.460
84.0	1.477	1.520	1.549	1.568
87.0	0.6554	0.7107	0.7277	0.7588
90.0	0.0656	0.0896	0.0853	0.0984

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: