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



Light Output Ratio:	100.0%	
Luminaire Power:	19.65 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.65	fine grid method.

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

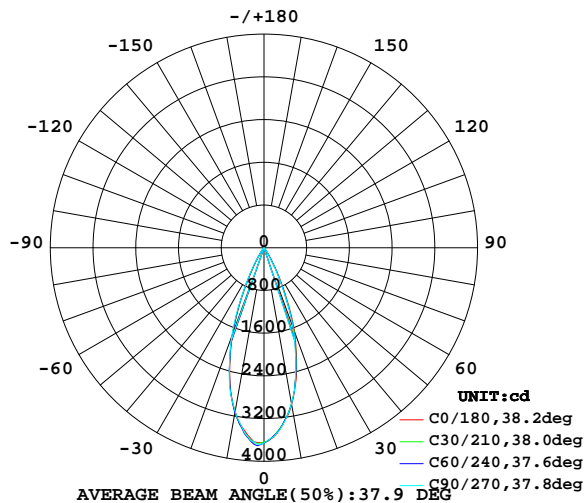
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

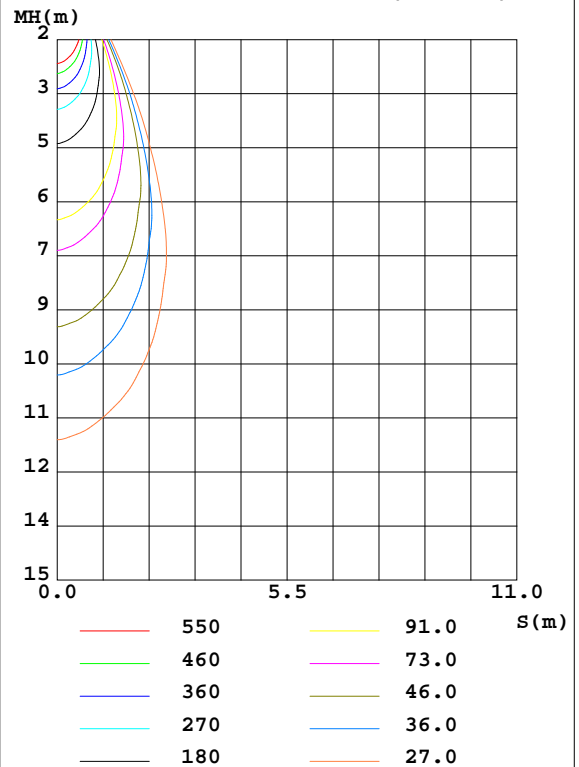
Test:U:220.7V I:0.0935A P:19.65W PF:0.9531 Lamp Flux:1505.26x1 lm		
NAME: FF6-FS2-17W-840-40D Specular	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L290mm*W45mm*H60mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 76.58 lm/W			
MODEL	CREE-4000K	I _{max} (cd)	3711	S/MH(C0/180)	0.61
NOMINAL POWER(W)	20.0	LOR(%)	100.0	S/MH(C90/270)	0.62
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	1505.3	η UP,DN(C0-180)	0.0,48.4
NOMINAL FLUX(lm)	1505.26	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,51.6
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	0.65

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



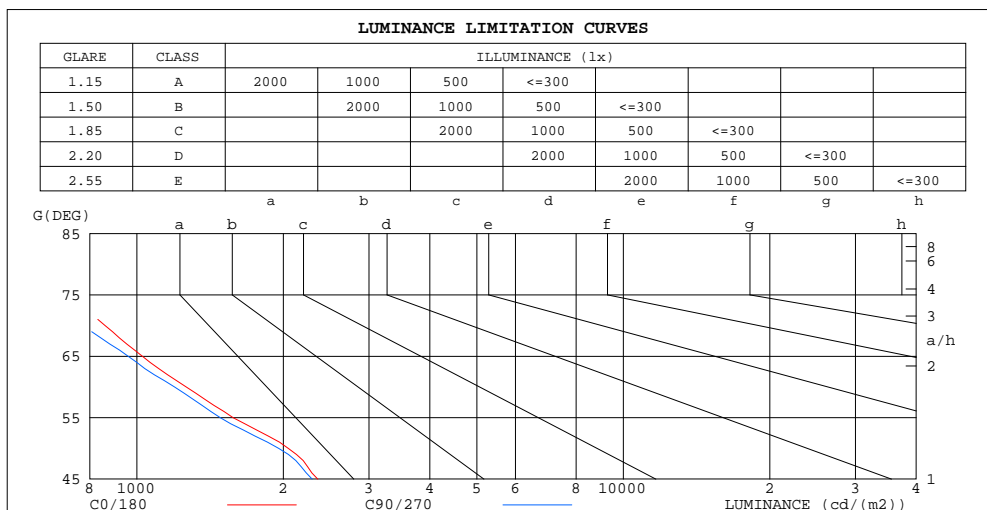
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-06-11

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:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	2983	2967	2969	3003	3114	3121	3113	3056	0- 10	317.8	317.8	21.1,21.1
20	1679	1660	1592	1636	1718	1721	1768	1754	10- 20	657.8	975.5	64.8,64.8
30	350.5	331.4	299.3	297.3	330.1	333.4	372.8	392.0	20- 30	414.4	1390	92.3,92.3
40	37.09	36.39	34.59	34.34	36.84	38.16	41.25	41.69	30- 40	77.99	1468	97.5,97.5
50	17.18	16.82	16.41	17.11	17.34	17.38	17.52	16.89	40- 50	18.12	1486	98.7,98.7
60	8.238	7.855	7.799	7.846	8.373	7.972	8.233	8.241	50- 60	10.58	1497	99.4,99.4
70	3.843	3.614	3.467	3.640	3.873	3.927	4.188	3.906	60- 70	5.613	1502	99.8,99.8
80	1.160	1.149	1.127	1.173	1.205	1.269	1.312	1.250	70- 80	2.385	1505	100,100
90	0.0809	0.0809	0.0831	0.0875	0.0547	0.0634	0.0612	0.0612	80- 90	0.6188	1505	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	430	420
80	512	498
75	580	554
70	861	777
65	1026	960
60	1263	1195
55	1577	1484
50	2048	1957
45	2355	2293

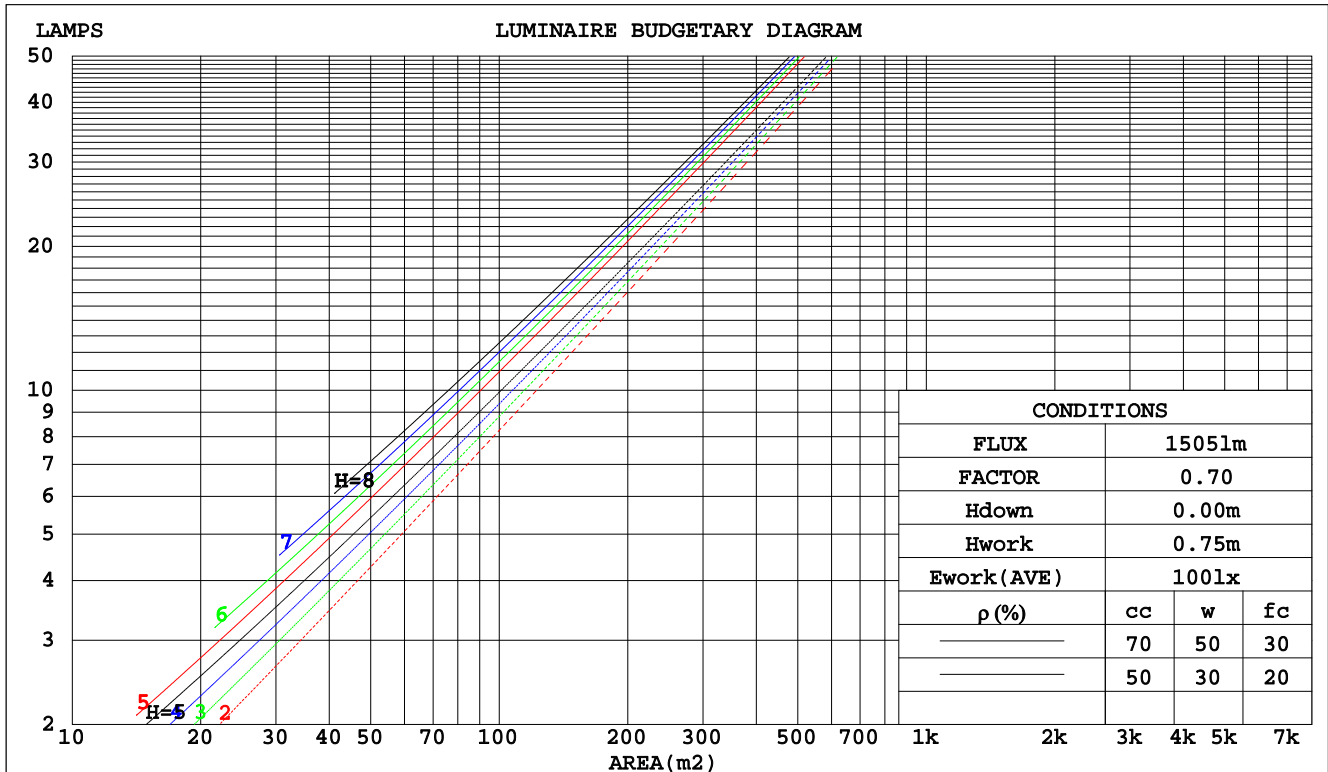
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2017-06-11

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.7V I:0.0935A P:19.65W PF:0.9531 Lamp Flux:1505.26x1 lm		
NAME: FF6-FS2-17W-840-40D Specular	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	.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	1.03	.00	1.04	1.01	.99	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	.90	.87	.92	.89	.86	.91	.88	.85	.89	.86	.84	.83
5.0	.91	.86	.83	.90	.86	.83	.89	.85	.82	.87	.84	.81	.86	.83	.81	.79
6.0	.87	.82	.79	.86	.82	.79	.85	.81	.78	.84	.80	.78	.83	.80	.77	.76
7.0	.84	.79	.75	.83	.78	.75	.82	.78	.75	.81	.77	.74	.80	.76	.74	.73
8.0	.80	.75	.72	.80	.75	.72	.79	.75	.72	.78	.74	.71	.77	.74	.71	.70
9.0	.77	.72	.69	.77	.72	.69	.76	.72	.69	.75	.71	.69	.74	.71	.68	.67
10.0	.74	.70	.66	.74	.69	.66	.73	.69	.66	.72	.69	.66	.72	.68	.66	.65



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:0.0935A P:19.65W PF:0.9531 Lamp Flux:1505.26x1 lm		
NAME: FF6-FS2-17W-840-40D Specular	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	.153	.087	.028	.146	.083	.026	.134	.077	.024	.122	.071	.023	.112	.065	.021	
2.0	.143	.079	.024	.138	.076	.023	.127	.071	.022	.118	.066	.021	.109	.062	.019	
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	.116	.061	.018	.109	.058	.018	.103	.056	.017	
5.0	.121	.061	.018	.117	.060	.018	.111	.058	.017	.105	.055	.016	.099	.053	.016	
6.0	.115	.057	.016	.112	.056	.016	.106	.054	.016	.101	.052	.015	.096	.051	.015	
7.0	.109	.054	.015	.107	.053	.015	.102	.052	.015	.097	.050	.015	.093	.048	.014	
8.0	.105	.051	.014	.102	.050	.014	.098	.049	.014	.094	.048	.014	.090	.046	.013	
9.0	.100	.048	.014	.098	.048	.013	.094	.047	.013	.091	.046	.013	.087	.044	.013	
10.0	.096	.046	.013	.094	.046	.013	.091	.045	.013	.088	.044	.012	.085	.043	.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	.131	.114	.100	.089	.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	.076	.109	.085	.066	.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	.109	.077	.053	.093	.066	.046	.064	.046	.033	.037	.027	.020	.012	.009	.006	
7.0	.102	.069	.045	.087	.059	.040	.060	.042	.028	.035	.025	.017	.011	.008	.006	
8.0	.095	.062	.039	.082	.054	.034	.057	.038	.024	.033	.022	.014	.011	.007	.005	
9.0	.090	.057	.034	.078	.049	.030	.054	.035	.021	.031	.020	.013	.010	.007	.004	
10.0	.085	.052	.030	.074	.045	.026	.051	.032	.018	.030	.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:0.0935A P:19.65W PF:0.9531 Lamp Flux:1505.26x1 lm										
NAME: FF6-FS2-17W-840-40D Specular					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	7.8	8.5	8.0	8.7	8.8	7.2	7.9	7.4	8.1	8.2
3H	7.9	8.6	8.1	8.8	9.0	7.3	8.0	7.5	8.2	8.4
4H	7.9	8.6	8.2	8.8	9.0	7.3	8.0	7.6	8.2	8.4
6H	7.9	8.5	8.2	8.7	9.0	7.3	7.9	7.6	8.2	8.4
8H	7.9	8.5	8.1	8.7	9.0	7.3	7.9	7.6	8.1	8.4
12H	7.8	8.4	8.1	8.7	8.9	7.3	7.8	7.6	8.1	8.4
4H 2H	7.7	8.4	8.0	8.6	8.8	7.1	7.8	7.4	8.0	8.2
3H	7.9	8.5	8.2	8.7	9.0	7.3	7.9	7.6	8.2	8.5
4H	7.9	8.4	8.3	8.7	9.0	7.4	7.9	7.7	8.2	8.5
6H	7.9	8.4	8.3	8.7	9.1	7.4	7.9	7.8	8.2	8.5
8H	7.9	8.3	8.3	8.7	9.1	7.4	7.8	7.8	8.2	8.5
12H	7.9	8.3	8.3	8.6	9.0	7.4	7.8	7.8	8.1	8.5
8H 4H	7.8	8.3	8.2	8.6	9.0	7.3	7.7	7.7	8.1	8.5
6H	7.9	8.2	8.3	8.6	9.0	7.3	7.7	7.8	8.1	8.5
8H	7.9	8.2	8.3	8.6	9.0	7.4	7.7	7.8	8.1	8.5
12H	7.9	8.1	8.3	8.6	9.0	7.4	7.6	7.8	8.1	8.5
12H 4H	7.8	8.2	8.2	8.6	8.9	7.3	7.7	7.7	8.0	8.4
6H	7.8	8.1	8.3	8.6	9.0	7.3	7.6	7.8	8.0	8.5
8H	7.8	8.1	8.3	8.5	9.0	7.3	7.6	7.8	8.0	8.5
Variations with the observer position at spacings:										
S = 1.0H	+ 2.0 / - 1.9					+ 1.8 / - 1.8				
1.5H	+ 3.3 / - 1.4					+ 2.8 / - 1.2				
2.0H	+ 1.5 / - 1.5					+ 1.5 / - 1.4				

CIE Pub.117 Corrected 1505 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.4)

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:

UTILIZATION FACTORS TABLE

Test:U:220.7V I:0.0935A P:19.65W PF:0.9531 Lamp Flux:1505.26x1 lm		
NAME: FF6-FS2-17W-840-40D Specular	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	80	77
0.80	97	92	88	96	91	88	95	91	88	84
1.00	101	96	92	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:0.0935A P:19.65W PF:0.9531 Lamp Flux:1505.26x1 lm		
NAME: FF6-FS2-17W-840-40D Specular	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L290mm*W45mm*H60mm	
MFR.:		

Conical surface Flux(90deg):

1478.2 lm

%lum = 98.2%

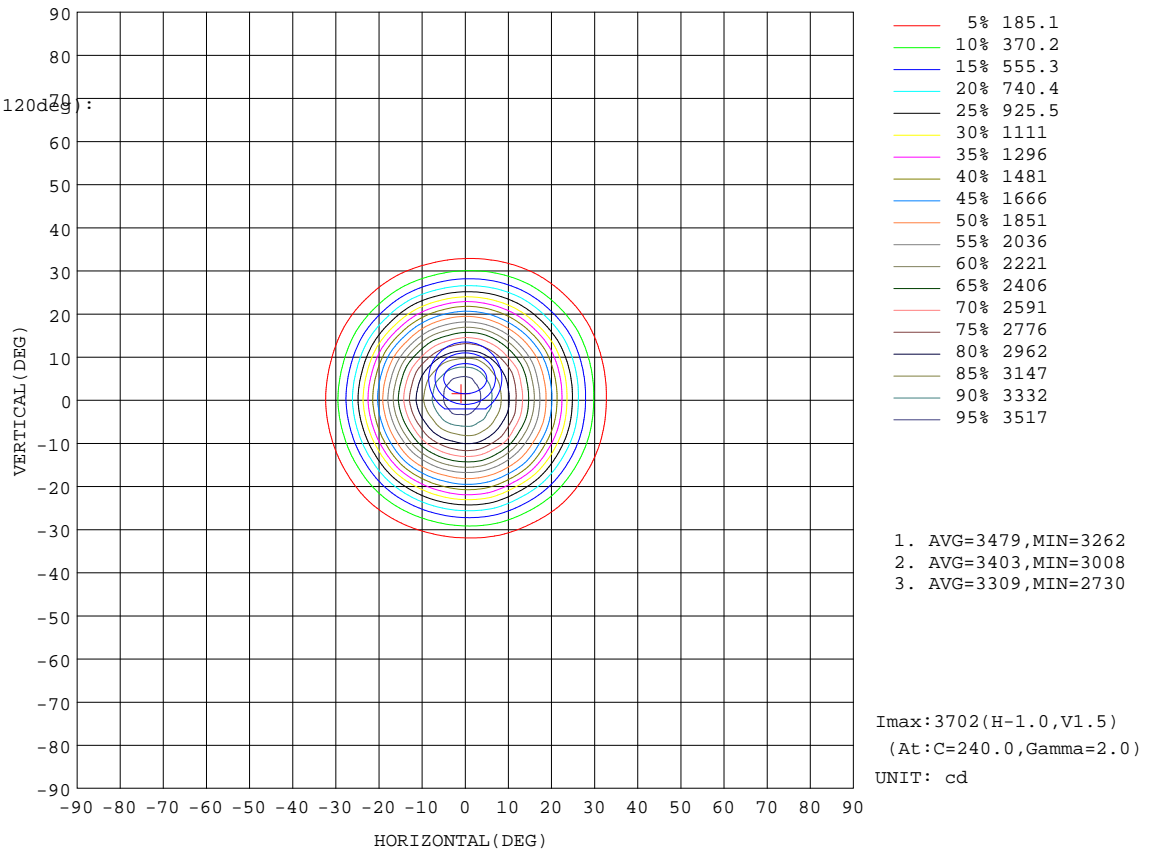
%lamp = 98.2%

Conical surface Flux(120deg):

1496.6 lm

%lum = 99.4%

%lamp = 99.4%

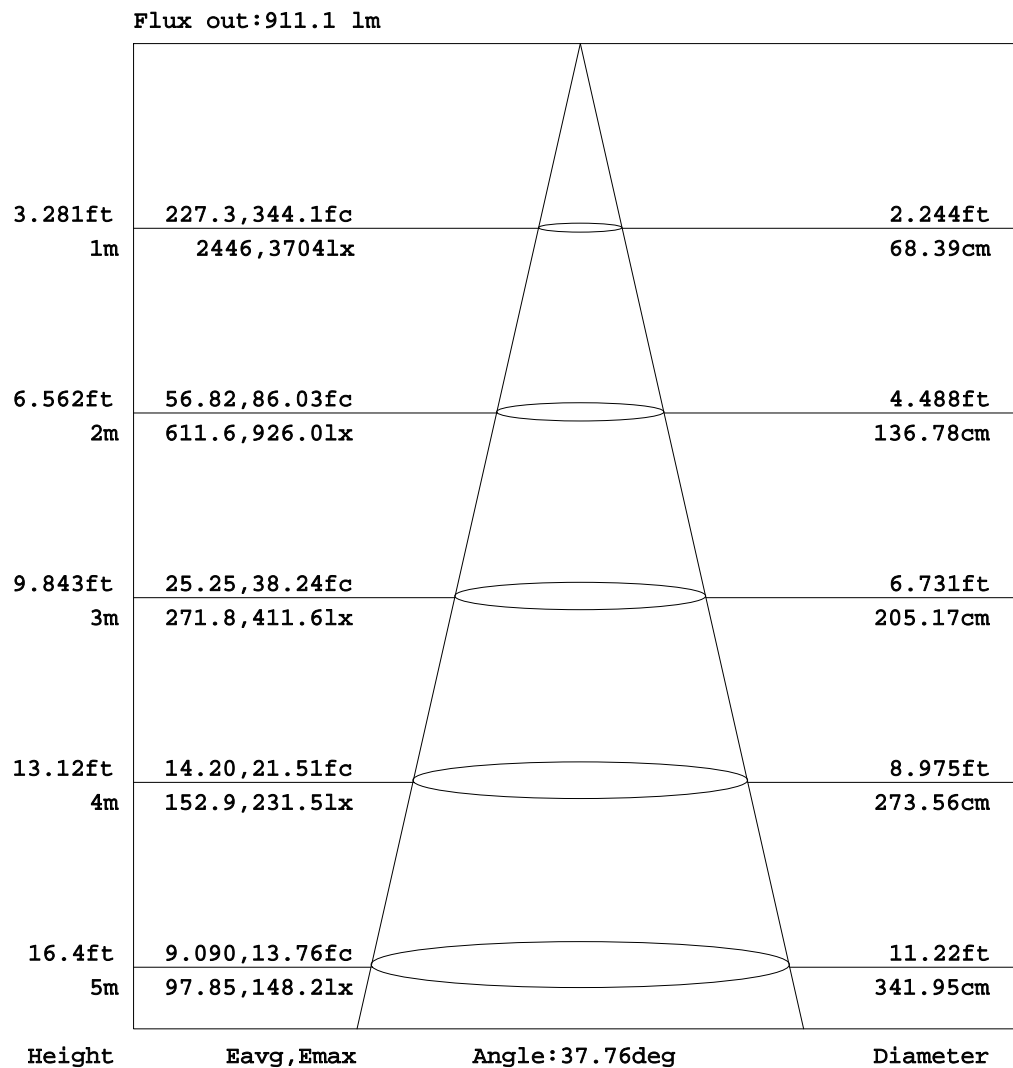


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-06-11

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:0.0935A P:19.65W PF:0.9531 Lamp Flux:1505.26x1 lm		
NAME: FF6-FS2-17W-840-40D Specular	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L290mm*W45mm*H60mm	
MFR.:		



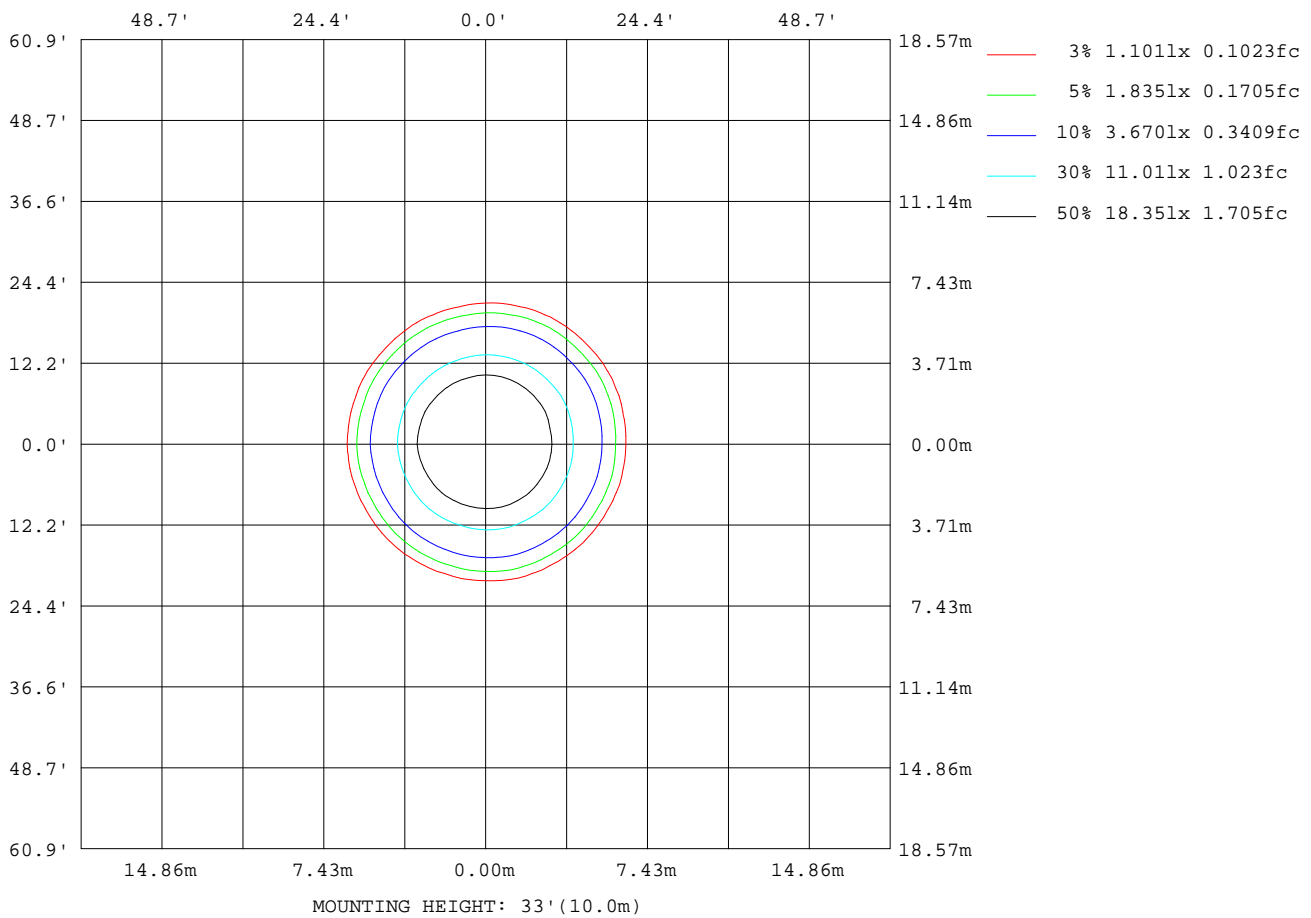
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

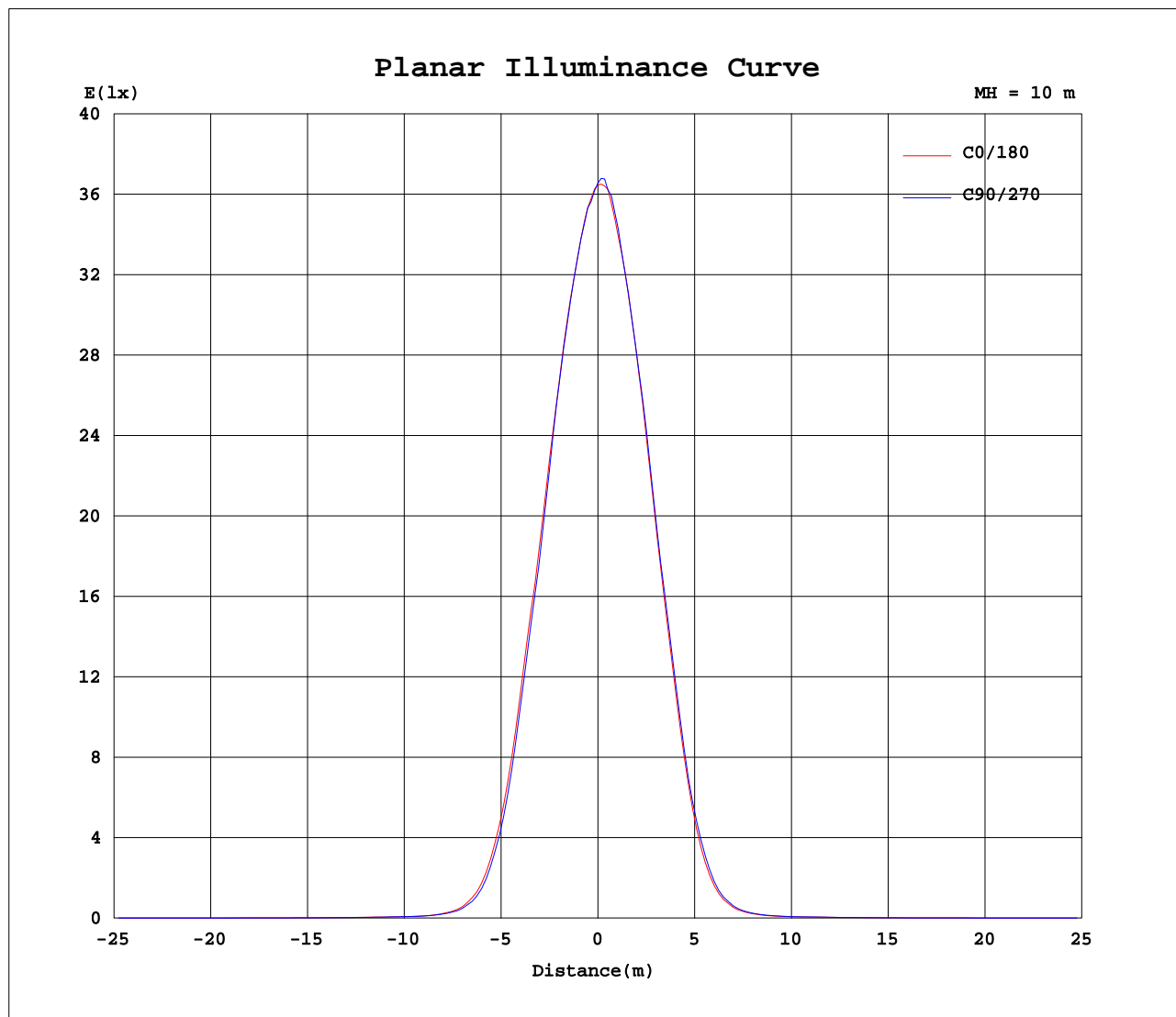
Test:U:220.7V I:0.0935A P:19.65W PF:0.9531 Lamp Flux:1505.26x1 lm		
NAME: FF6-FS2-17W-840-40D Specular	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L290mm*W45mm*H60mm	
MFR.:		



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

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: 2017-06-11

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:0.0935A P:19.65W PF:0.9531 Lamp Flux:1505.26x1 lm		
NAME: FF6-FS2-17W-840-40D Specular	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:0.0935A P:19.65W PF:0.9531 Lamp Flux:1505.26x1 lm		
NAME: FF6-FS2-17W-840-40D Specular	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	3647	3644	3638	3655	3656	3661	3657	3650	3651	3652
3.0	3547	3543	3527	3520	3526	3539	3545	3543	3560	3567
6.0	3340	3350	3324	3345	3331	3350	3335	3337	3369	3401
9.0	3085	3078	3064	3088	3074	3090	3070	3061	3085	3111
12.0	2749	2766	2734	2759	2742	2751	2742	2735	2744	2779
15.0	2362	2367	2323	2330	2317	2325	2304	2292	2317	2348
18.0	1935	1941	1911	1914	1900	1889	1875	1854	1887	1927
21.0	1527	1521	1488	1499	1460	1469	1442	1414	1426	1465
24.0	1046	1045	1022	1016	978.3	995.5	964.3	947.0	948.9	970.2
27.0	648.7	646.2	622.3	619.2	597.4	600.9	577.4	561.0	562.1	575.3
30.0	350.5	349.6	332.0	331.4	316.2	316.7	299.3	288.3	289.9	297.3
33.0	173.1	169.3	159.6	158.5	151.6	149.7	142.1	142.1	139.8	147.1
36.0	82.02	81.38	77.83	76.89	74.10	72.48	69.81	67.55	69.83	70.89
39.0	45.44	45.12	44.13	44.00	42.42	42.21	40.69	39.86	40.22	41.16
42.0	28.18	28.23	27.59	27.51	27.23	27.32	26.68	26.19	26.41	26.99
45.0	21.73	21.67	21.38	21.33	21.21	21.33	21.16	20.89	21.27	21.48
48.0	19.19	19.02	18.89	18.84	18.63	18.65	18.53	18.42	18.87	19.12
51.0	16.13	15.99	15.70	15.64	15.45	15.47	15.24	15.13	15.50	15.92
54.0	12.79	12.63	12.31	12.28	12.05	12.16	11.96	11.82	11.93	12.36
57.0	10.23	10.06	9.746	9.824	9.731	9.776	9.678	9.503	9.497	9.824
60.0	8.238	8.106	7.816	7.855	7.753	7.842	7.799	7.619	7.582	7.846
63.0	6.568	6.421	6.176	6.236	6.176	6.190	6.087	6.047	6.047	6.262
66.0	5.250	5.133	4.939	5.011	4.954	4.919	4.889	4.818	4.806	5.046
69.0	4.169	4.068	3.895	3.944	3.937	3.858	3.777	3.767	3.797	3.979
72.0	3.203	3.104	2.954	2.957	2.923	2.929	2.855	2.883	2.911	3.012
75.0	1.960	1.956	1.924	1.923	1.896	1.910	1.872	1.860	1.905	1.921
78.0	1.462	1.466	1.443	1.446	1.416	1.437	1.405	1.398	1.440	1.462
81.0	1.014	1.026	1.016	1.013	0.9919	0.9981	0.9897	0.9718	1.022	1.035
84.0	0.6096	0.6395	0.6226	0.6263	0.6073	0.6176	0.6028	0.5914	0.6335	0.6526
87.0	0.2614	0.2768	0.2681	0.2594	0.2571	0.2594	0.2593	0.2398	0.2920	0.3009
90.0	0.0809	0.0809	0.0809	0.0809	0.0809	0.0787	0.0831	0.0831	0.0875	0.0875
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	3650	3656	3647	3644	3638	3655	3656	3661	3657	3650
3.0	3583	3616	3638	3646	3658	3669	3684	3681	3635	3636
6.0	3399	3431	3448	3455	3485	3483	3501	3475	3486	3459
9.0	3119	3169	3213	3211	3235	3231	3232	3216	3223	3226
12.0	2786	2844	2890	2895	2902	2897	2903	2903	2905	2912
15.0	2364	2420	2487	2478	2504	2484	2499	2476	2520	2526
18.0	1927	1961	2029	2019	2043	2031	2047	2041	2057	2059
21.0	1469	1504	1558	1554	1580	1561	1570	1577	1607	1611
24.0	967.2	1003	1062	1046	1072	1057	1085	1078	1108	1117
27.0	571.5	593.7	630.5	625.8	650.8	642.3	664.5	661.8	684.5	708.8
30.0	291.7	305.6	330.1	321.2	336.6	333.4	349.1	350.7	372.8	390.8
33.0	142.4	150.3	158.4	156.8	161.2	160.5	167.8	168.0	177.5	186.8
36.0	69.73	72.76	76.82	76.66	80.29	80.04	83.15	83.32	87.33	90.94
39.0	40.76	41.93	44.17	44.25	46.70	47.04	48.22	47.87	49.77	51.69
42.0	26.71	27.21	28.18	28.13	28.80	28.94	29.59	29.42	30.43	31.13
45.0	21.51	21.82	22.04	21.91	22.30	22.25	22.41	22.42	22.58	22.85
48.0	19.02	19.17	19.46	19.22	19.41	19.42	19.57	19.63	19.53	19.50
51.0	15.79	15.74	16.16	16.01	16.17	16.18	16.30	16.16	16.31	16.34
54.0	12.23	12.37	12.74	12.42	12.56	12.46	12.56	12.42	12.60	12.73
57.0	9.763	9.923	10.35	9.991	9.817	9.795	9.970	9.904	9.998	10.08
60.0	7.936	8.074	8.373	8.114	8.001	7.972	8.145	8.079	8.233	8.302
63.0	6.421	6.476	6.571	6.535	6.486	6.461	6.593	6.570	6.779	6.763
66.0	5.149	5.201	5.198	5.220	5.191	5.249	5.340	5.421	5.572	5.507
69.0	4.022	4.108	4.184	4.207	4.179	4.262	4.358	4.402	4.518	4.485
72.0	3.050	3.091	3.270	3.241	3.256	3.331	3.458	3.512	3.560	3.502
75.0	1.920	1.932	1.977	2.001	2.053	2.074	2.119	2.118	2.160	2.192
78.0	1.464	1.475	1.498	1.517	1.564	1.569	1.605	1.600	1.629	1.632
81.0	1.040	1.044	1.048	1.079	1.118	1.129	1.148	1.149	1.166	1.188
84.0	0.6531	0.6636	0.6566	0.6834	0.7200	0.7206	0.7397	0.7359	0.7527	0.7709
87.0	0.3117	0.3141	0.3007	0.3246	0.3464	0.3552	0.3661	0.3662	0.3748	0.3881
90.0	0.0853	0.0831	0.0547	0.0590	0.0547	0.0634	0.0590	0.0656	0.0612	0.0765
G/C	300.0	315.0	330.0	345.0						
0.0	3651	3652	3650	3656						
3.0	3607	3593	3581	3565						
6.0	3435	3398	3376	3368						
9.0	3189	3146	3128	3097						
12.0	2888	2853	2839	2783						
15.0	2493	2475	2448	2391						
18.0	2047	2022	2007	1960						
21.0	1597	1591	1596	1552						

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	1129	1111	1124	1080
27.0	721.0	700.7	709.9	676.3
30.0	402.8	392.0	397.4	372.1
33.0	192.8	188.0	190.4	181.2
36.0	92.55	90.88	91.55	87.19
39.0	52.82	51.42	51.15	48.26
42.0	31.14	30.04	30.03	28.89
45.0	22.57	21.99	22.18	21.77
48.0	19.24	18.81	18.99	18.82
51.0	16.02	15.78	16.01	15.80
54.0	12.51	12.52	12.72	12.55
57.0	10.15	10.09	10.22	10.07
60.0	8.245	8.241	8.295	8.175
63.0	6.761	6.606	6.678	6.540
66.0	5.412	5.327	5.370	5.207
69.0	4.273	4.262	4.270	4.105
72.0	3.280	3.257	3.234	3.128
75.0	2.108	2.061	2.049	1.984
78.0	1.577	1.551	1.527	1.477
81.0	1.133	1.110	1.089	1.046
84.0	0.7243	0.7052	0.6937	0.6528
87.0	0.3398	0.3225	0.3092	0.2918
90.0	0.0590	0.0612	0.0547	0.0590

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: