
LED Downlight FUSION Series LE-FF1-2W-840-24D
Black

Light Output Ratio:	100.0%	
Luminaire Power:	3.166 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: 2017-06-14

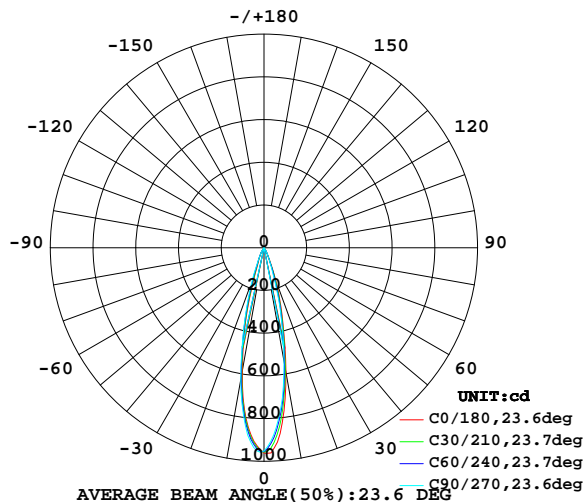
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

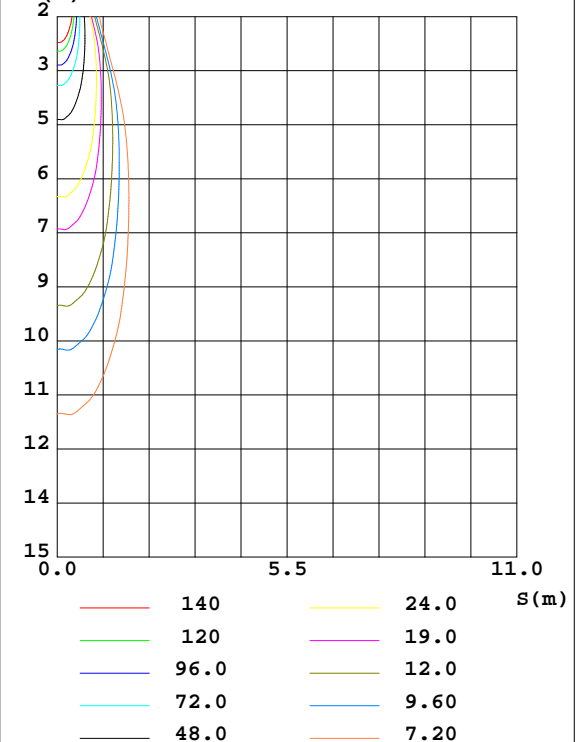
Test:U:220.7V I:0.0202A P:3.166W PF:0.7098 Lamp Flux:192.044x1 lm		
NAME: FF1-2W-840-24D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L45mm*W45mm*H60mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 60.66 lm/W			
MODEL	CREE-4000K	Imax(cd)	962.8	S/MH(C0/180)	0.40
NOMINAL POWER(W)	3.0	LOR(%)	100.0	S/MH(C90/270)	0.43
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	192.04	η UP,DN(C0-180)	0.0,47.6
NOMINAL FLUX(lm)	192.044	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,52.4
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)



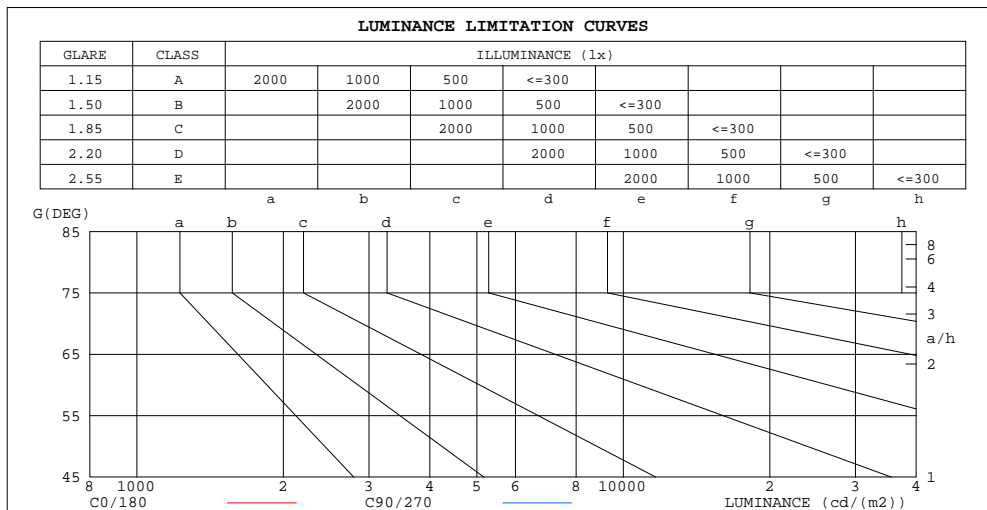
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-06-14

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	591.2	570.0	542.7	553.4	586.0	602.1	629.1	616.2	0- 10	72.35	72.35	37.7,37.7
20	161.9	141.8	113.3	100.1	100.5	124.8	155.5	175.6	10- 20	86.53	158.9	82.7,82.7
30	24.64	24.38	25.45	26.68	28.49	30.25	29.14	27.63	20- 30	27.54	186.4	97.1,97.1
40	1.342	1.050	0.8814	0.9440	1.037	1.102	1.159	1.470	30- 40	5.410	191.8	99.9,99.9
50	0.0723	0.0393	0.0591	0.0611	0.0589	0.0700	0.0415	0.0766	40- 50	0.1664	192.0	100,100
60	0.0307	0.0087	0.0219	0.0065	0.0066	0.0284	0	0.0306	50- 60	0.0314	192.0	100,100
70	0.0197	0.0022	0.0131	0.0022	0	0.0109	0	0.0131	60- 70	0.0101	192.0	100,100
80	0.0066	0.0022	0.0087	0.0022	0	0.0044	0	0.0066	70- 80	0.0056	192.0	100,100
90	0.0044	0.0022	0.0022	0.0022	0	0	0	0	80- 90	0.0029	192.0	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	37	12
80	19	25
75	25	17
70	28	19
65	28	20
60	30	22
55	40	30
50	56	45
45	92	73

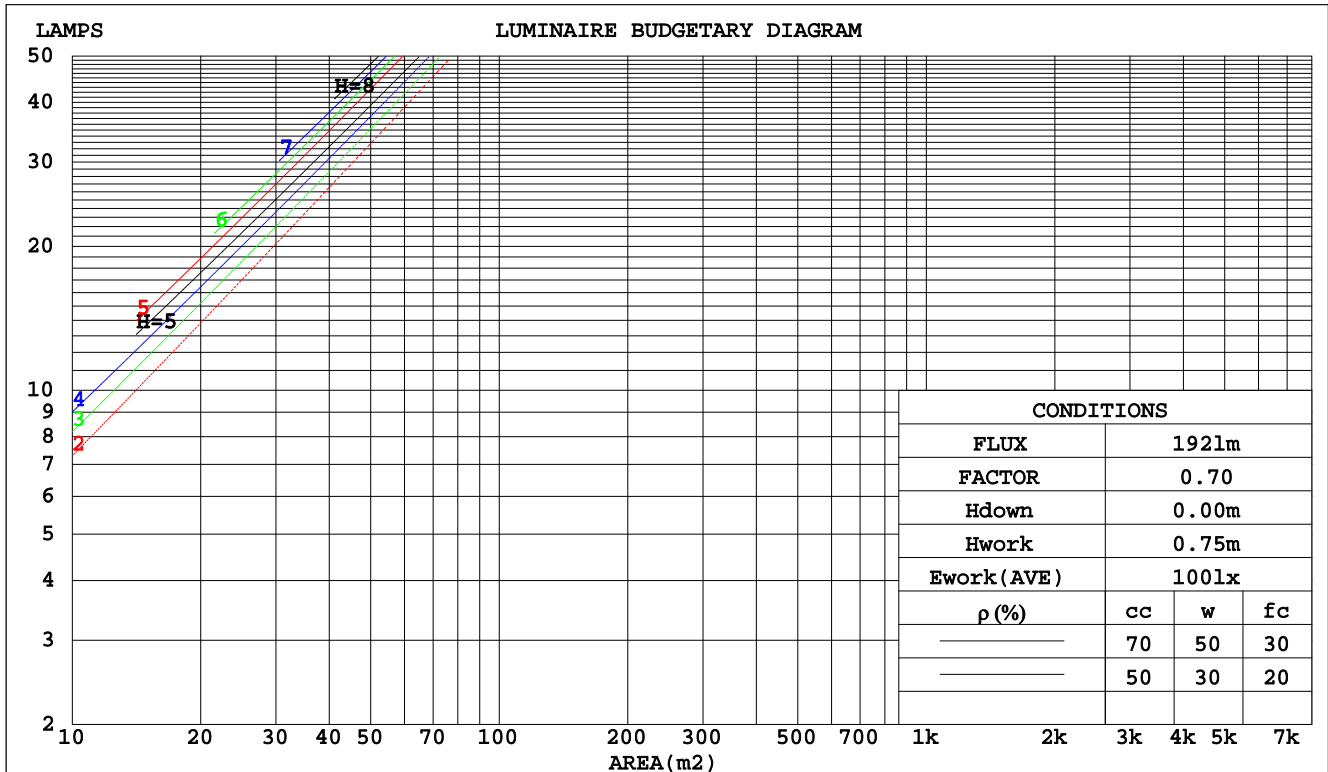
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2017-06-14

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:0.0202A P:3.166W PF:0.7098 Lamp Flux:192.044x1 lm		
NAME: FF1-2W-840-24D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L45mm*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	1.13	1.11	1.10	1.11	1.09	1.08	1.07	1.06	1.05	1.03	1.02	1.02	1.00	.99	.99	.97
2.0	1.08	1.05	1.03	1.06	1.04	1.02	1.03	1.01	.99	1.00	.99	.97	.98	.97	.95	.94
3.0	1.04	1.00	.98	1.02	.99	.97	.90	.97	.95	.98	.96	.94	.96	.94	.92	.91
4.0	.90	.96	.93	.99	.95	.93	.97	.94	.92	.95	.93	.91	.93	.91	.90	.89
5.0	.96	.93	.90	.96	.92	.89	.94	.91	.89	.93	.90	.88	.91	.89	.87	.86
6.0	.93	.89	.87	.93	.89	.86	.91	.88	.86	.90	.87	.85	.89	.87	.85	.84
7.0	.91	.87	.84	.90	.86	.84	.89	.86	.83	.88	.85	.83	.87	.84	.82	.81
8.0	.88	.84	.81	.87	.84	.81	.87	.83	.81	.86	.83	.81	.85	.82	.80	.79
9.0	.86	.82	.79	.85	.81	.79	.84	.81	.79	.84	.81	.78	.83	.80	.78	.77
10.0	.83	.79	.77	.83	.79	.77	.82	.79	.77	.82	.79	.76	.81	.78	.76	.75



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-06-14

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:0.0202A P:3.166W PF:0.7098 Lamp Flux:192.044x1 lm		
NAME: FF1-2W-840-24D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L45mm*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	.132	.075	.024	.126	.072	.023	.114	.065	.021	.102	.059	.019	.092	.053	.017		
2.0	.122	.067	.021	.117	.064	.020	.107	.059	.018	.097	.055	.017	.089	.050	.016		
3.0	.114	.061	.018	.109	.059	.018	.101	.055	.017	.093	.051	.016	.086	.047	.015		
4.0	.106	.055	.016	.103	.054	.016	.096	.051	.015	.089	.048	.014	.083	.045	.014		
5.0	.100	.051	.015	.097	.050	.015	.091	.047	.014	.085	.045	.013	.080	.043	.013		
6.0	.095	.048	.014	.092	.046	.013	.087	.045	.013	.082	.043	.013	.077	.041	.012		
7.0	.090	.045	.013	.088	.044	.012	.083	.042	.012	.079	.040	.012	.075	.039	.011		
8.0	.086	.042	.012	.084	.041	.012	.080	.040	.011	.076	.039	.011	.073	.037	.011		
9.0	.082	.040	.011	.080	.039	.011	.077	.038	.011	.073	.037	.011	.070	.036	.010		
10.0	.079	.038	.010	.077	.037	.010	.074	.036	.010	.071	.035	.010	.068	.034	.010		

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	.168	.158	.148	.144	.135	.128	.098	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.150	.133	.119	.128	.114	.102	.088	.079	.071	.051	.046	.042	.016	.015	.014	
3.0	.134	.113	.096	.115	.098	.084	.079	.068	.059	.046	.040	.035	.015	.013	.011	
4.0	.122	.098	.080	.104	.085	.069	.072	.059	.049	.042	.034	.029	.013	.011	.009	
5.0	.111	.085	.067	.095	.074	.058	.066	.052	.041	.038	.030	.024	.012	.010	.008	
6.0	.102	.075	.056	.088	.065	.049	.060	.046	.035	.035	.027	.021	.011	.009	.007	
7.0	.094	.067	.048	.081	.058	.042	.056	.041	.030	.033	.024	.018	.011	.008	.006	
8.0	.088	.060	.041	.076	.052	.036	.052	.037	.026	.030	.022	.015	.010	.007	.005	
9.0	.082	.055	.036	.071	.047	.031	.049	.033	.022	.029	.020	.013	.009	.006	.004	
10.0	.077	.050	.032	.067	.043	.028	.046	.030	.020	.027	.018	.012	.009	.006	.004	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-06-14

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:0.0202A P:3.166W PF:0.7098 Lamp Flux:192.044x1 lm										
NAME: FF1-2W-840-24D Black					TYPE:Downlight			SERIAL No.:		
SPEC.:4000K					DIM.: L45mm*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	2.4	3.0	2.6	3.2	3.3	1.7	2.3	1.9	2.5	2.6
3H	2.3	2.8	2.5	3.0	3.2	1.5	2.1	1.8	2.3	2.5
4H	2.2	2.7	2.4	2.9	3.2	1.5	2.0	1.7	2.2	2.4
6H	2.1	2.6	2.4	2.9	3.1	1.4	1.9	1.7	2.1	2.4
8H	2.1	2.6	2.4	2.8	3.1	1.3	1.8	1.6	2.1	2.3
12H	2.0	2.5	2.3	2.8	3.0	1.3	1.8	1.6	2.0	2.3
4H 2H	2.2	2.7	2.4	2.9	3.2	1.5	2.0	1.7	2.2	2.4
3H	2.0	2.5	2.3	2.8	3.0	1.3	1.8	1.6	2.0	2.3
4H	1.9	2.4	2.3	2.7	3.0	1.2	1.6	1.5	1.9	2.2
6H	1.8	2.2	2.2	2.5	2.9	1.1	1.5	1.5	1.8	2.2
8H	1.8	2.1	2.1	2.5	2.8	1.0	1.4	1.4	1.8	2.1
12H	1.7	2.0	2.1	2.4	2.8	1.0	1.3	1.4	1.7	2.1
8H 4H	1.8	2.1	2.1	2.5	2.8	1.0	1.4	1.4	1.8	2.1
6H	1.6	2.0	2.1	2.3	2.8	0.9	1.2	1.3	1.6	2.0
8H	1.6	1.9	2.0	2.3	2.7	0.9	1.1	1.3	1.5	2.0
12H	1.5	1.8	2.0	2.2	2.7	0.8	1.0	1.3	1.5	1.9
12H 4H	1.7	2.0	2.1	2.4	2.8	1.0	1.3	1.4	1.7	2.1
6H	1.6	1.9	2.0	2.3	2.7	0.9	1.1	1.3	1.5	2.0
8H	1.5	1.8	2.0	2.2	2.7	0.8	1.0	1.3	1.5	1.9
Variations with the observer position at spacings:										
S = 1.0H	+ 4.2 / -15.3					+ 4.2 / -15.3				
1.5H	+ 6.9 / -14.5					+ 7.0 / -14.0				
2.0H	+ 4.6 / - 4.1					+ 4.3 / - 2.9				

CIE Pub.117 Corrected 192.0 lm Total Lamp Luminous Flux.(8log(F/F0) = -5.7)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-06-14

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:0.0202A P:3.166W PF:0.7098 Lamp Flux:192.044x1 lm		
NAME: FF1-2W-840-24D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L45mm*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) $k(RI) \times RCR = 5$									
$k = 0.60$	92	86	83	91	86	82	90	85	82	79
0.80	98	93	90	98	93	90	97	92	90	86
1.00	102	97	94	101	97	94	100	96	93	90
1.25	106	101	98	105	100	98	103	99	97	93
1.50	108	104	101	107	103	100	105	102	99	95
2.00	110	106	103	109	105	103	106	103	101	96
2.50	111	108	105	110	107	105	107	104	103	97
3.00	113	110	107	111	108	106	108	106	104	98
4.00	115	112	110	113	111	109	109	107	106	99
5.00	116	114	112	114	112	111	110	109	108	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:2017-06-14

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:0.0202A P:3.166W PF:0.7098 Lamp Flux:192.044x1 lm		
NAME: FF1-2W-840-24D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L45mm*W45mm*H60mm	
MFR.:		

Conical surface Flux(90deg):

191.96 lm

%lum = 100.0%

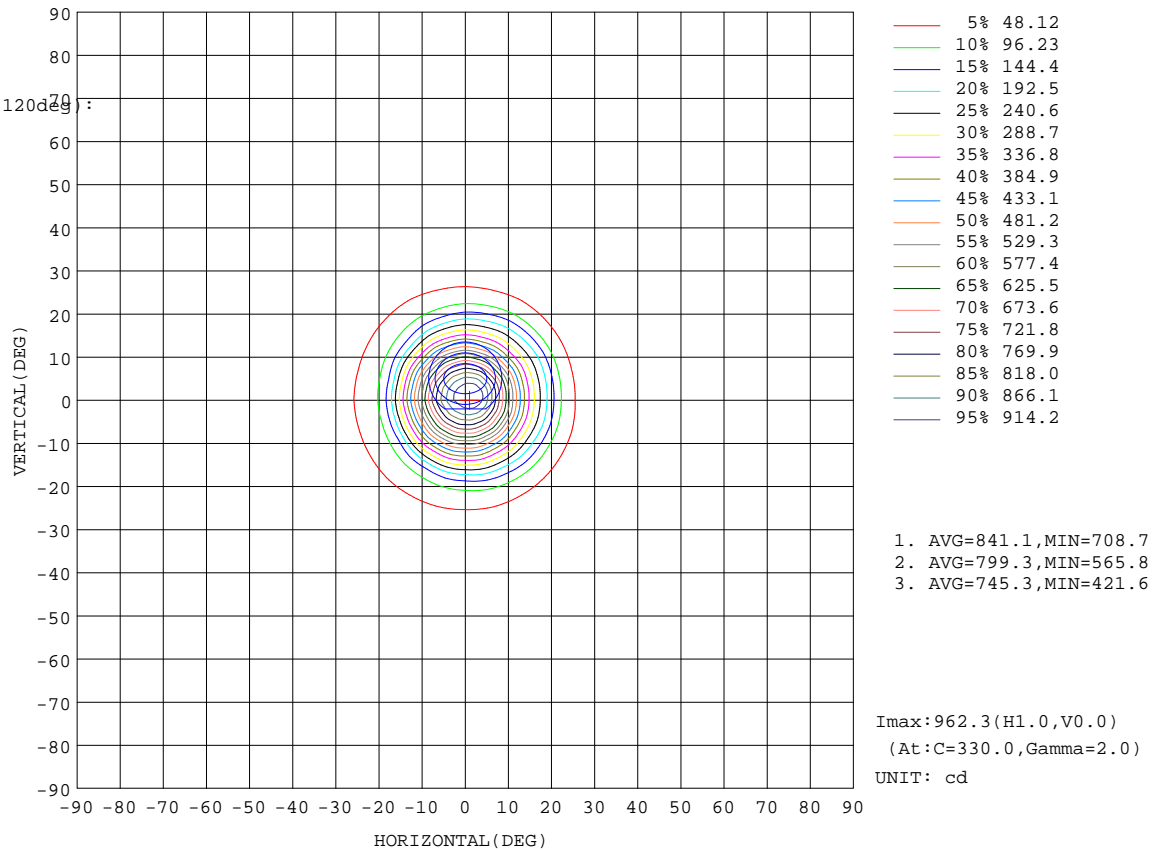
%lamp = 100.0%

Conical surface Flux(120deg):

192.03 lm

%lum = 100.0%

%lamp = 100.0%



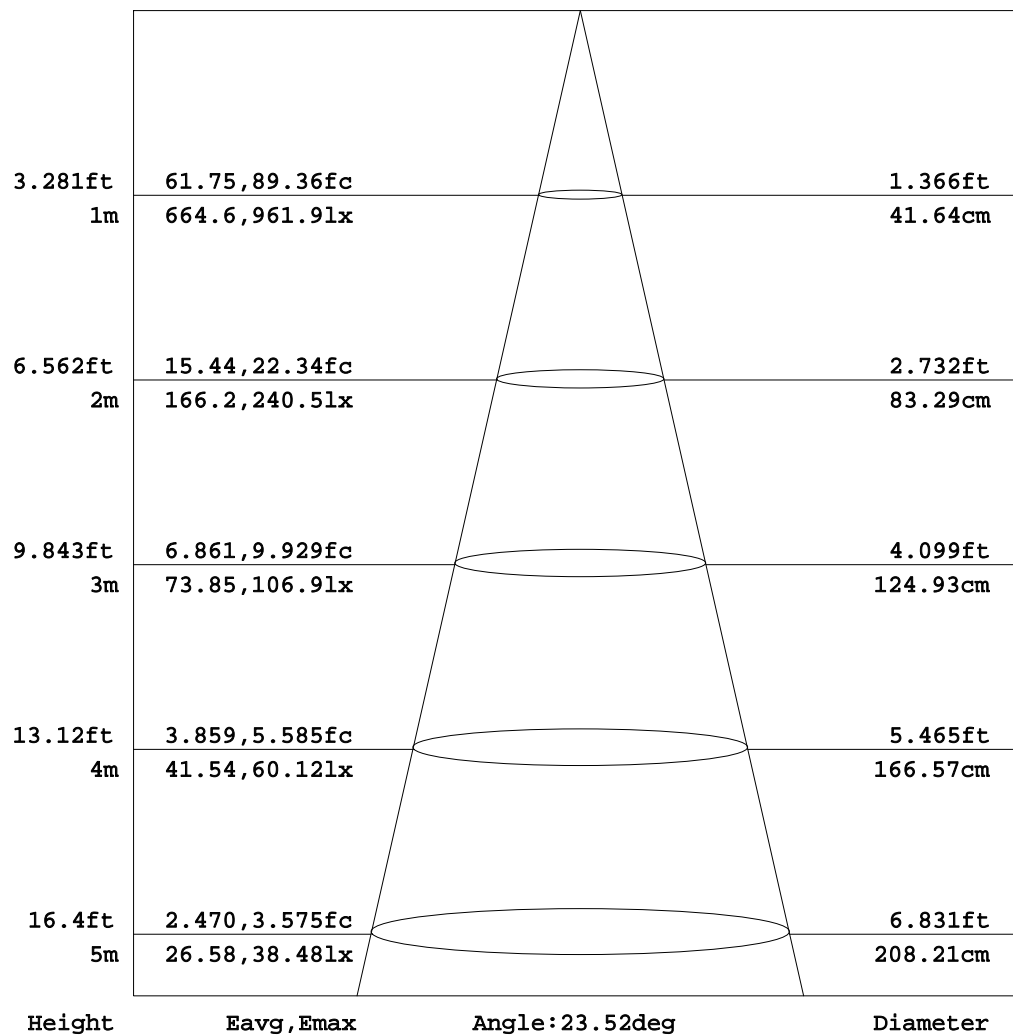
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-06-14

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:0.0202A P:3.166W PF:0.7098 Lamp Flux:192.044x1 lm		
NAME: FF1-2W-840-24D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L45mm*W45mm*H60mm	
MFR.:		

Flux out:94.33 lm



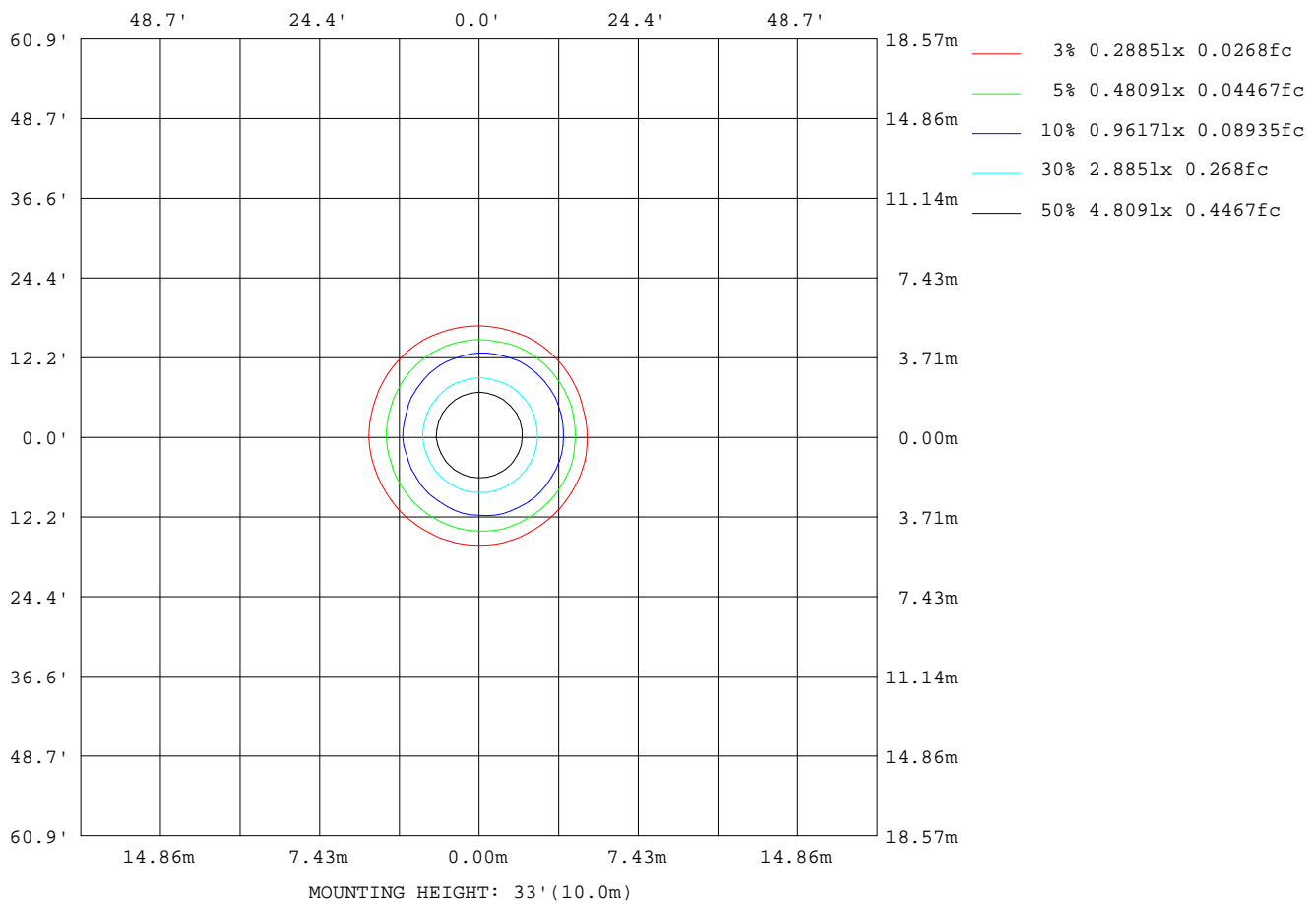
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-06-14

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

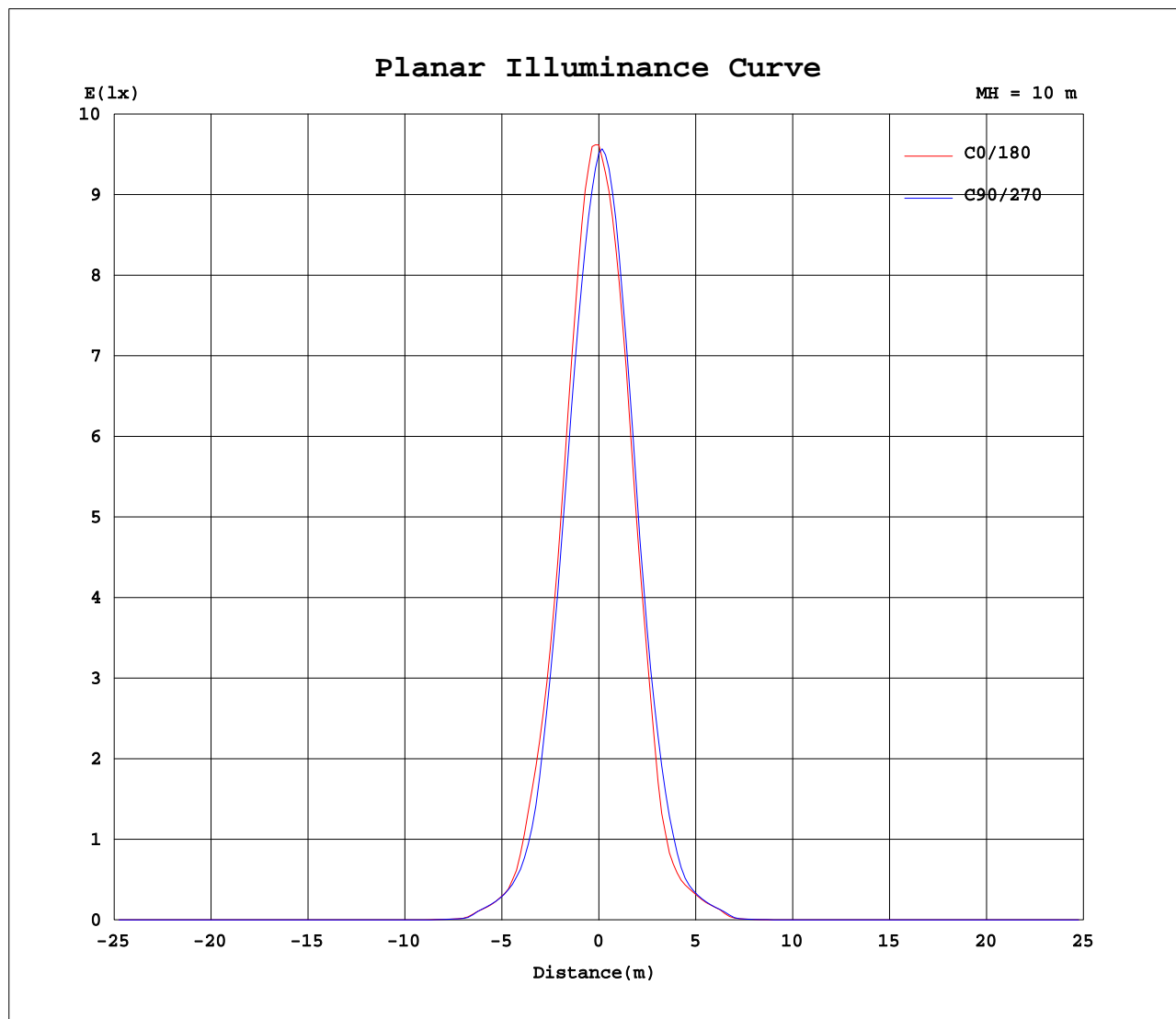
Test:U:220.7V I:0.0202A P:3.166W PF:0.7098 Lamp Flux:192.044x1 lm		
NAME: FF1-2W-840-24D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L45mm*W45mm*H60mm	
MFR.:		



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2017-06-14

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: 2017-06-14

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:0.0202A P:3.166W PF:0.7098 Lamp Flux:192.044x1 lm		
NAME: FF1-2W-840-24D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L45mm*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: 2017-06-14

```

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:0.0202A P:3.166W PF:0.7098 Lamp Flux:192.044x1 lm		
NAME: FF1-2W-840-24D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L45mm*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: 2017-06-14

```

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	961.7	958.2	957.2	955.7	953.6	954.3	951.5	953.5	950.7	953.8
3.0	937.2	926.8	912.8	904.7	889.9	884.4	876.4	877.9	875.4	882.1
6.0	823.9	814.8	794.6	785.1	769.2	763.7	754.8	758.8	756.3	766.8
9.0	655.4	649.6	633.4	628.6	611.6	610.8	598.1	604.9	601.3	611.4
12.0	473.0	470.9	457.5	455.1	441.2	440.6	432.5	437.1	432.6	441.1
15.0	327.6	325.0	314.9	311.5	301.4	299.3	289.9	290.9	282.7	288.2
18.0	221.0	218.6	206.1	199.9	185.4	179.3	164.9	159.8	149.7	153.5
21.0	130.9	129.7	119.5	114.9	106.7	101.9	94.53	91.46	86.45	85.16
24.0	65.17	63.63	63.08	60.54	59.18	60.06	58.09	57.70	56.26	56.46
27.0	39.06	39.35	38.10	38.22	37.79	38.65	38.42	38.54	38.00	39.13
30.0	24.64	25.38	24.59	24.38	24.35	25.41	25.45	26.09	25.90	26.68
33.0	12.19	13.13	12.16	11.98	11.14	11.56	11.08	11.87	11.91	12.22
36.0	2.970	3.099	2.898	2.946	2.766	2.807	2.704	2.837	2.894	3.027
39.0	1.659	1.680	1.576	1.468	1.435	1.395	1.263	1.288	1.342	1.402
42.0	0.2416	0.2162	0.2300	0.1877	0.1897	0.1767	0.2066	0.2008	0.2373	0.2270
45.0	0.1314	0.1114	0.1270	0.0895	0.0963	0.0764	0.1052	0.0983	0.1358	0.1223
48.0	0.0920	0.0677	0.0854	0.0589	0.0657	0.0437	0.0722	0.0633	0.0942	0.0786
51.0	0.0678	0.0415	0.0613	0.0371	0.0438	0.0350	0.0547	0.0371	0.0700	0.0481
54.0	0.0525	0.0306	0.0482	0.0262	0.0350	0.0218	0.0416	0.0262	0.0482	0.0350
57.0	0.0394	0.0197	0.0329	0.0153	0.0263	0.0066	0.0285	0.0153	0.0350	0.0262
60.0	0.0307	0.0152	0.0284	0.0087	0.0241	0.0022	0.0219	0.0087	0.0263	0.0065
63.0	0.0241	0.0022	0.0219	0.0022	0.0175	0.0022	0.0197	0.0022	0.0197	0.0022
66.0	0.0197	0.0022	0.0197	0.0022	0.0175	0.0022	0.0175	0.0022	0.0153	0.0022
69.0	0.0197	0.0022	0.0153	0.0022	0.0131	0.0022	0.0131	0.0022	0.0131	0.0022
72.0	0.0197	0.0022	0.0153	0.0022	0.0131	0.0022	0.0131	0.0022	0.0109	0.0022
75.0	0.0131	0.0022	0.0131	0.0022	0.0131	0.0022	0.0088	0.0022	0.0087	0.0022
78.0	0.0109	0.0022	0.0088	0.0022	0.0087	0.0022	0.0087	0.0022	0.0087	0.0022
81.0	0.0066	0.0022	0.0087	0.0022	0.0066	0.0022	0.0066	0.0022	0.0066	0.0022
84.0	0.0066	0.0022	0.0044	0.0022	0.0066	0.0022	0.0022	0.0022	0.0044	0.0022
87.0	0.0044	0.0022	0.0044	0.0022	0.0044	0.0022	0.0022	0.0022	0.0044	0.0022
90.0	0.0044	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	951.0	954.2	961.7	958.2	957.2	955.7	954.3	951.5	953.5	953.8
3.0	883.9	891.3	907.5	908.7	914.7	915.6	921.6	926.0	936.0	939.3
6.0	770.3	782.7	804.7	803.5	813.2	813.9	824.3	826.4	837.9	841.5
9.0	612.1	626.1	647.4	649.7	661.2	660.5	674.6	675.3	686.8	682.5
12.0	438.2	449.2	469.6	469.1	482.0	483.9	497.1	496.2	504.0	498.1
15.0	282.8	289.5	305.8	305.8	320.4	322.8	337.2	336.9	345.3	340.7
18.0	141.3	148.6	153.6	156.5	173.6	182.9	202.5	209.7	222.5	224.6
21.0	82.38	81.85	85.59	87.01	95.27	102.9	114.4	119.3	129.9	133.5
24.0	56.20	55.94	57.13	57.27	59.59	62.94	64.63	67.75	68.16	68.51
27.0	38.92	40.18	41.84	41.76	42.62	43.49	44.65	43.53	43.89	42.83
30.0	26.47	27.10	28.49	28.74	29.80	30.25	30.41	29.08	29.14	28.40
33.0	11.66	12.59	13.69	14.22	15.54	15.88	17.13	16.27	16.99	16.51
36.0	2.942	2.955	3.070	2.965	3.104	3.147	3.215	2.988	3.084	3.146
39.0	1.372	1.373	1.466	1.382	1.501	1.537	1.576	1.366	1.424	1.563
42.0	0.2484	0.2248	0.2269	0.2297	0.2051	0.2224	0.2029	0.2193	0.2417	0.2475
45.0	0.1445	0.1267	0.1179	0.1291	0.0982	0.1182	0.0939	0.1138	0.0873	0.1182
48.0	0.1029	0.0808	0.0764	0.0919	0.0634	0.0832	0.0589	0.0810	0.0567	0.0810
51.0	0.0744	0.0502	0.0480	0.0678	0.0415	0.0613	0.0371	0.0569	0.0349	0.0591
54.0	0.0526	0.0371	0.0328	0.0503	0.0306	0.0460	0.0284	0.0437	0.0240	0.0416
57.0	0.0416	0.0284	0.0218	0.0372	0.0174	0.0328	0.0153	0.0328	0.0109	0.0328
60.0	0.0306	0.0131	0.0066	0.0263	0.0043	0.0284	0.0022	0.0262	0	0.0241
63.0	0.0198	0.0044	0	0.0219	0	0.0197	0	0.0175	0	0.0175
66.0	0.0153	0.0022	0	0.0175	0	0.0132	0	0.0153	0	0.0131
69.0	0.0131	0.0022	0	0.0109	0	0.0109	0	0.0131	0	0.0131
72.0	0.0109	0.0022	0	0.0087	0	0.0088	0	0.0109	0	0.0087
75.0	0.0087	0.0022	0	0.0087	0	0.0087	0	0.0087	0	0.0066
78.0	0.0066	0.0022	0	0.0044	0	0.0044	0	0.0044	0	0.0066
81.0	0.0066	0.0022	0	0.0044	0	0.0022	0	0.0044	0	0.0044
84.0	0.0044	0.0022	0	0.0044	0	0.0022	0	0.0044	0	0.0044
87.0	0.0044	0.0022	0	0.0022	0	0.0022	0	0.0044	0	0.0022
90.0	0.0022	0.0022	0	0	0	0	0	0.0022	0	0
G/C	300.0	315.0	330.0	345.0						
0.0	950.7	953.8	951.0	954.2						
3.0	946.6	946.9	950.8	945.0						
6.0	852.6	849.4	852.6	838.4						
9.0	688.5	679.1	680.7	668.8						
12.0	502.0	494.0	495.7	483.5						
15.0	347.1	342.4	346.3	334.4						
18.0	234.6	233.6	236.4	228.2						
21.0	144.7	145.4	147.3	137.8						

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.3DEG

Operators: Meng Yongjian

Test Date: 2017-06-14

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	72.28	70.22	69.02	68.18
27.0	43.72	41.95	40.43	38.65
30.0	28.77	27.63	26.44	24.87
33.0	17.25	15.80	15.33	13.71
36.0	3.346	3.212	3.332	3.055
39.0	1.807	1.796	1.990	1.670
42.0	0.3133	0.2597	0.2659	0.2457
45.0	0.1004	0.1357	0.1157	0.1313
48.0	0.0634	0.0941	0.0742	0.0941
51.0	0.0415	0.0679	0.0480	0.0700
54.0	0.0306	0.0503	0.0350	0.0503
57.0	0.0153	0.0372	0.0240	0.0394
60.0	0.0022	0.0306	0.0130	0.0285
63.0	0.0022	0.0197	0.0022	0.0219
66.0	0	0.0153	0.0022	0.0197
69.0	0	0.0131	0.0022	0.0131
72.0	0	0.0087	0.0022	0.0109
75.0	0	0.0066	0.0022	0.0109
78.0	0	0.0066	0.0022	0.0066
81.0	0	0.0066	0	0.0066
84.0	0	0.0044	0	0.0044
87.0	0	0.0022	0	0.0022
90.0	0	0	0	0.0022

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2017-06-14

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: