
LED Downlight FUSION Series LE-FF2-4W-830-40D
Black

Light Output Ratio:	100.0%	
Luminaire Power:	5.786 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.60	fine grid method.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Cao Chengpei
Test Date: 2016-06-24

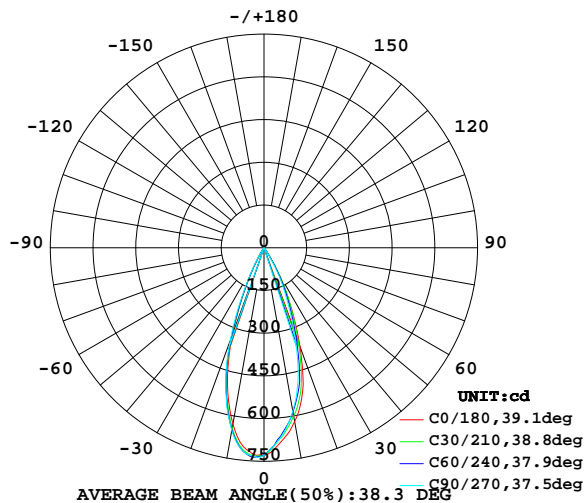
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 53.0%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

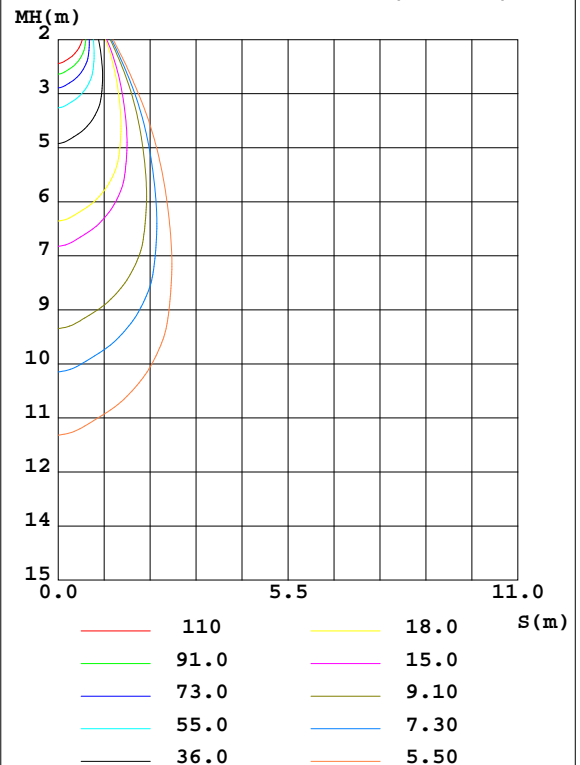
Test:U:220.6V I:0.0334A P:5.786W PF:0.7858 Lamp Flux:295.196x1 lm		
NAME: FF2-4W-830-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L70mm*W45mm*H60mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 51.02 lm/W			
MODEL	CREE-3000K	I _{max} (cd)	736.7	S/MH(C0/180)	0.59
NOMINAL POWER(W)	6.0	LOR(%)	100.0	S/MH(C90/270)	0.60
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	295.20	η UP,DN(C0-180)	0.0,49.6
NOMINAL FLUX(lm)	295.196	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.4
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:Cao Chengpei
 Test Date:2016-06-24

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity:53.0%
 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	$\%lum, lamp$
10	620.5	594.7	582.4	600.2	628.3	644.5	652.0	649.0	0- 10	64.24	64.24	21.8,21.8
20	370.5	344.5	307.1	305.2	322.5	330.7	347.8	366.4	10- 20	135.5	199.7	67.7,67.7
30	97.46	96.45	75.13	56.77	49.33	43.79	54.30	77.55	20- 30	82.59	282.3	95.6,95.6
40	3.015	3.391	2.430	1.449	1.047	0.9026	1.119	2.031	30- 40	12.36	294.7	99.8,99.8
50	0.1643	0.1128	0.1280	0.1255	0.1233	0.1151	0.0872	0.1344	40- 50	0.3674	295.0	99.9,99.9
60	0.0682	0.0383	0.0554	0.0405	0.0404	0.0533	0.0277	0.0533	50- 60	0.0680	295.1	100,100
70	0.0405	0.0256	0.0341	0.0277	0.0255	0.0320	0.0170	0.0341	60- 70	0.0365	295.1	100,100
80	0.0298	0.0234	0.0256	0.0234	0.0170	0.0234	0.0170	0.0256	70- 80	0.0269	295.2	100,100
90	0.0234	0.0234	0.0234	0.0234	0.0192	0.0170	0.0192	0.0170	80- 90	0.0236	295.2	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	85	85
80	55	47
75	42	37
70	38	32
65	38	34
60	43	35
55	54	45
50	81	63
45	160	119

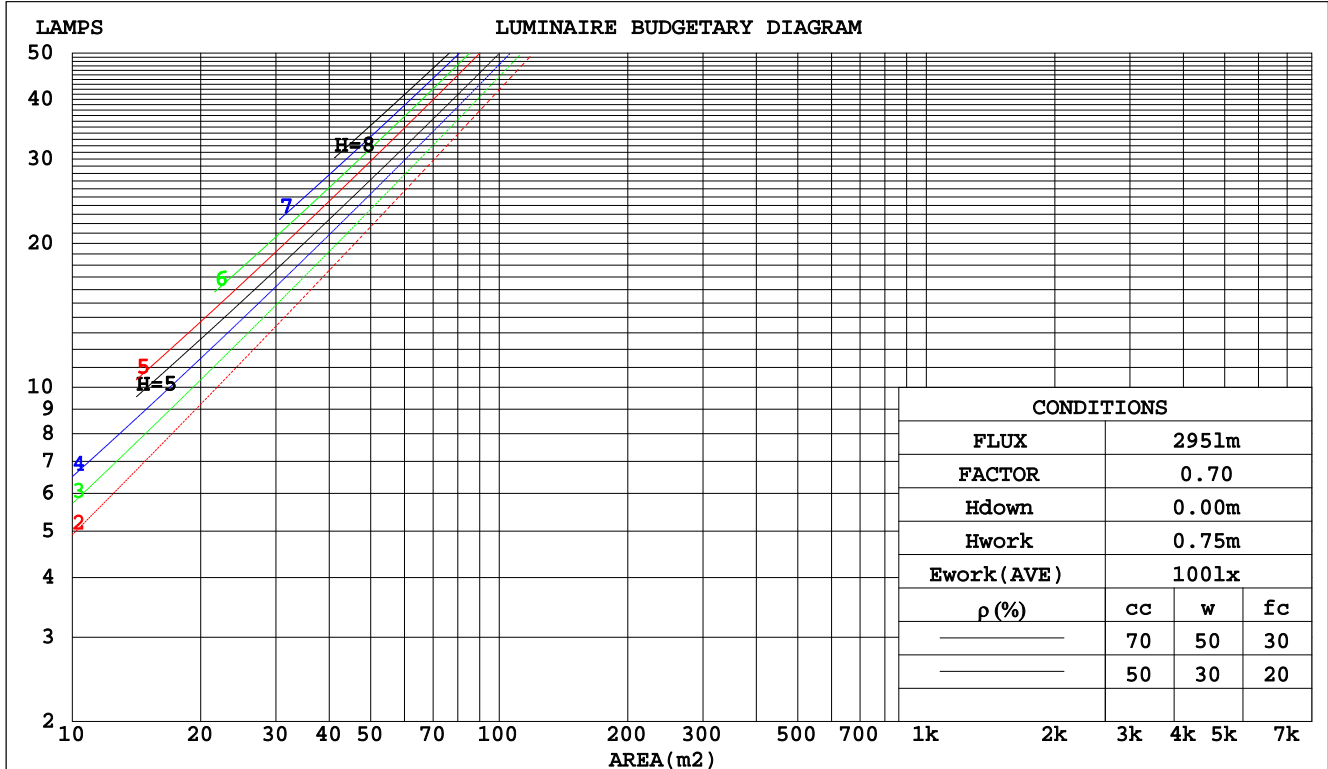
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Cao Chengpei
 Test Date: 2016-06-24

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity: 53.0%
 Test Distance: 5.850m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.6V I:0.0334A P:5.786W PF:0.7858 Lamp Flux:295.196x1 lm		
NAME: FF2-4W-830-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L70mm*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	1.07	1.06	1.05	1.03	1.03	1.01	1.00	.99	.98	.98	.96
2.0	1.07	1.03	1.01	1.05	1.02	.99	1.02	.99	.97	.99	.97	.95	.96	.95	.93	.92
3.0	1.01	.97	.94	.90	.96	.94	.97	.95	.92	.95	.93	.91	.93	.91	.89	.88
4.0	.97	.92	.89	.96	.92	.89	.94	.90	.88	.92	.89	.87	.90	.88	.86	.84
5.0	.92	.88	.85	.92	.87	.84	.90	.86	.83	.88	.85	.83	.87	.84	.82	.81
6.0	.89	.84	.81	.88	.84	.80	.86	.83	.80	.85	.82	.79	.84	.81	.79	.78
7.0	.85	.80	.77	.84	.80	.77	.83	.79	.77	.82	.79	.76	.81	.78	.76	.75
8.0	.82	.77	.74	.81	.77	.74	.80	.76	.73	.79	.76	.73	.78	.75	.73	.72
9.0	.79	.74	.71	.78	.74	.71	.77	.73	.71	.77	.73	.70	.76	.73	.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:Cao Chengpei
 Test Date:2016-06-24

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity:53.0%
 Test Distance:5.850m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:220.6V I:0.0334A P:5.786W PF:0.7858 Lamp Flux:295.196x1 lm		
NAME: FF2-4W-830-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L70mm*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	.147	.084	.027	.141	.080	.025	.128	.073	.023	.117	.067	.022	.106	.062	.020	
2.0	.138	.075	.023	.132	.073	.022	.122	.068	.021	.112	.063	.020	.103	.059	.018	
3.0	.129	.069	.021	.125	.067	.020	.116	.063	.019	.108	.059	.018	.101	.056	.017	
4.0	.122	.063	.019	.118	.062	.018	.111	.059	.018	.104	.056	.017	.098	.053	.016	
5.0	.116	.059	.017	.112	.058	.017	.106	.055	.016	.100	.053	.016	.095	.051	.015	
6.0	.110	.055	.016	.107	.054	.016	.102	.052	.015	.097	.050	.015	.092	.048	.014	
7.0	.105	.052	.015	.103	.051	.015	.098	.050	.014	.093	.048	.014	.089	.046	.014	
8.0	.101	.049	.014	.099	.049	.014	.094	.047	.013	.090	.046	.013	.087	.045	.013	
9.0	.097	.047	.013	.095	.046	.013	.091	.045	.013	.088	.044	.013	.084	.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	.169	.158	.147	.145	.135	.127	.099	.093	.088	.057	.054	.051	.018	.017	.016	
2.0	.152	.133	.117	.130	.114	.101	.089	.079	.070	.051	.046	.041	.016	.015	.013	
3.0	.137	.113	.094	.118	.098	.082	.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	.099	.074	.056	.068	.052	.039	.040	.031	.023	.013	.010	.008	
6.0	.107	.076	.054	.092	.066	.047	.064	.046	.033	.037	.027	.020	.012	.009	.007	
7.0	.100	.068	.046	.086	.059	.040	.059	.041	.028	.035	.024	.017	.011	.008	.006	
8.0	.094	.062	.040	.081	.054	.034	.056	.038	.024	.033	.022	.015	.011	.007	.005	
9.0	.089	.056	.034	.076	.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:Cao Chengpei
 Test Date:2016-06-24

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity:53.0%
 Test Distance:5.850m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.6V I:0.0334A P:5.786W PF:0.7858 Lamp Flux:295.196x1 lm										
NAME: FF2-4W-830-40D Black					TYPE:Downlight			SERIAL No.:		
SPEC.:3000K					DIM.: L70mm*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	7.4	8.1	7.6	8.3	8.4	6.0	6.8	6.3	6.9	7.1
3H	7.2	7.9	7.5	8.1	8.3	5.9	6.6	6.1	6.8	6.9
4H	7.1	7.8	7.4	8.0	8.2	5.8	6.5	6.1	6.7	6.9
6H	7.0	7.7	7.3	7.9	8.1	5.7	6.3	6.0	6.6	6.8
8H	7.0	7.6	7.3	7.8	8.1	5.7	6.3	6.0	6.5	6.8
12H	7.0	7.5	7.3	7.8	8.0	5.6	6.2	5.9	6.5	6.7
4H 2H	7.1	7.8	7.4	8.0	8.2	5.8	6.5	6.1	6.7	6.9
3H	7.0	7.5	7.3	7.8	8.0	5.6	6.2	5.9	6.5	6.7
4H	6.9	7.4	7.2	7.7	8.0	5.5	6.0	5.9	6.3	6.6
6H	6.8	7.2	7.1	7.5	7.9	5.4	5.9	5.8	6.2	6.6
8H	6.7	7.1	7.1	7.5	7.8	5.4	5.8	5.8	6.2	6.5
12H	6.7	7.0	7.1	7.4	7.8	5.3	5.7	5.7	6.1	6.5
8H 4H	6.7	7.1	7.1	7.5	7.8	5.4	5.8	5.8	6.2	6.5
6H	6.6	6.9	7.0	7.3	7.8	5.3	5.6	5.7	6.0	6.4
8H	6.5	6.9	7.0	7.3	7.7	5.2	5.5	5.7	5.9	6.4
12H	6.5	6.7	7.0	7.2	7.7	5.2	5.4	5.6	5.9	6.3
12H 4H	6.7	7.0	7.1	7.4	7.8	5.3	5.7	5.7	6.1	6.5
6H	6.5	6.8	7.0	7.3	7.7	5.2	5.5	5.7	5.9	6.4
8H	6.5	6.7	6.9	7.2	7.7	5.2	5.4	5.6	5.9	6.3
Variations with the observer position at spacings:										
S = 1.0H	+ 5.2 / -13.5					+ 4.5 / -13.8				
1.5H	+ 8.0 / -13.2					+ 7.3 / -13.3				
2.0H	+ 3.2 / - 1.4					+ 2.6 / - 1.0				

CIE Pub.117 Corrected 295.2 lm Total Lamp Luminous Flux.(8log(F/F0) = -4.2)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Cao Chengpei
 Test Date:2016-06-24

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity:53.0%
 Test Distance:5.850m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.6V I:0.0334A P:5.786W PF:0.7858 Lamp Flux:295.196x1 lm		
NAME: FF2-4W-830-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L70mm*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	89	86
1.00	102	97	94	101	97	94	100	96	93	90
1.25	105	101	98	104	100	97	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	104	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:Cao Chengpei
 Test Date:2016-06-24

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity:53.0%
 Test Distance:5.850m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:220.6V I:0.0334A P:5.786W PF:0.7858 Lamp Flux:295.196x1 lm		
NAME: FF2-4W-830-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L70mm*W45mm*H60mm	
MFR.:		

Conical surface Flux(90deg):

294.97 lm

%lum = 99.9%

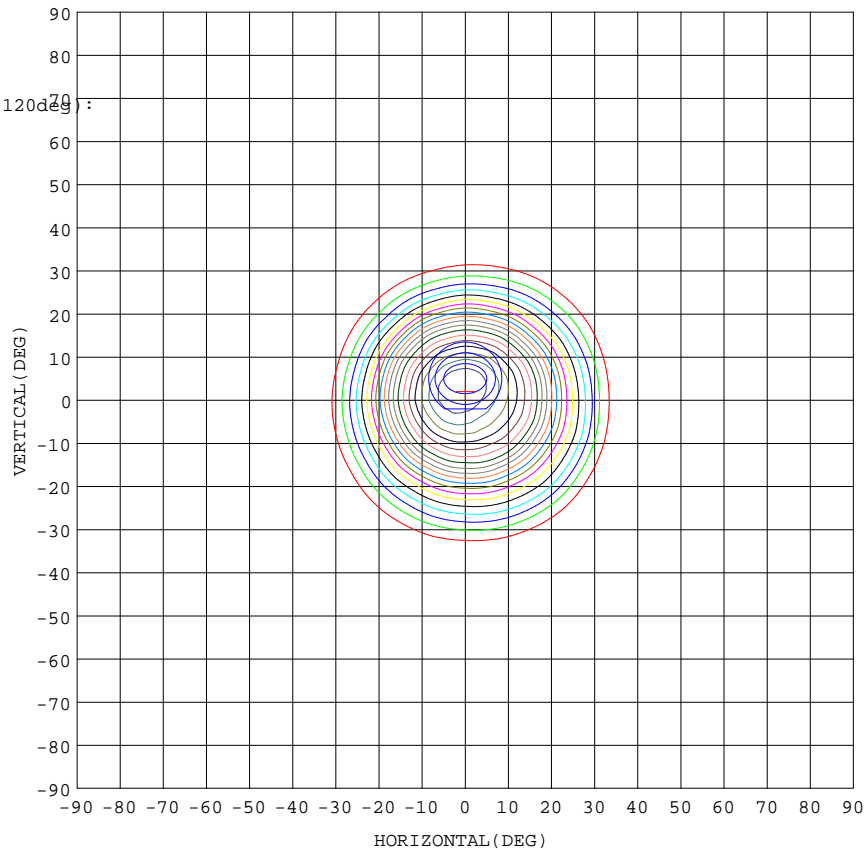
%lamp = 99.9%

Conical surface Flux(120deg):

295.11 lm

%lum = 100.0%

%lamp = 100.0%



C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Cao Chengpei

Test Date:2016-06-24

γ Range: 0 - 90DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288

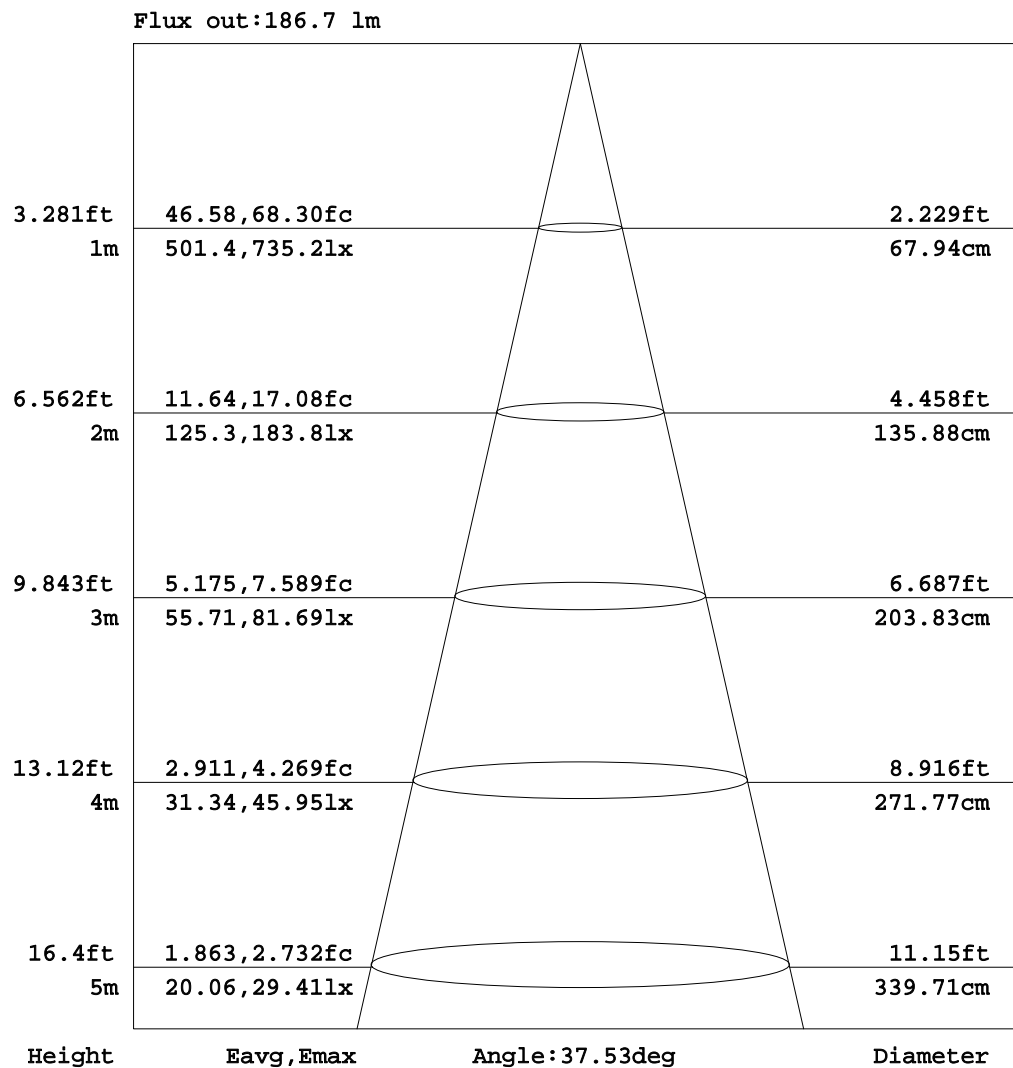
Humidity:53.0%

Test Distance:5.850m [K=1.0000]

Remarks:

AAI Figure

Test:U:220.6V I:0.0334A P:5.786W PF:0.7858 Lamp Flux:295.196x1 lm		
NAME: FF2-4W-830-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L70mm*W45mm*H60mm	
MFR.:		



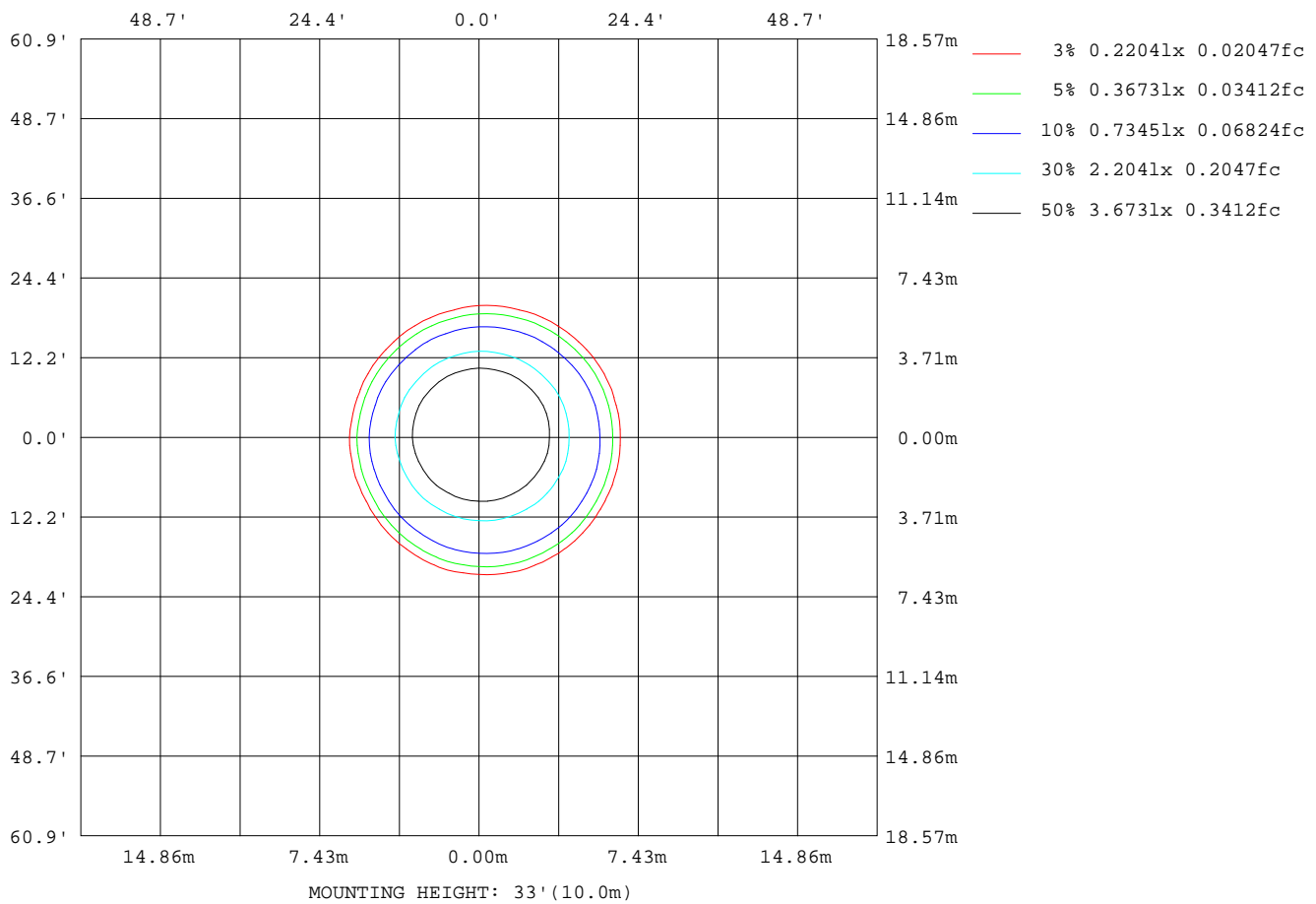
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Cao Chengpei
Test Date:2016-06-24

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:53.0%
Test Distance:5.850m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

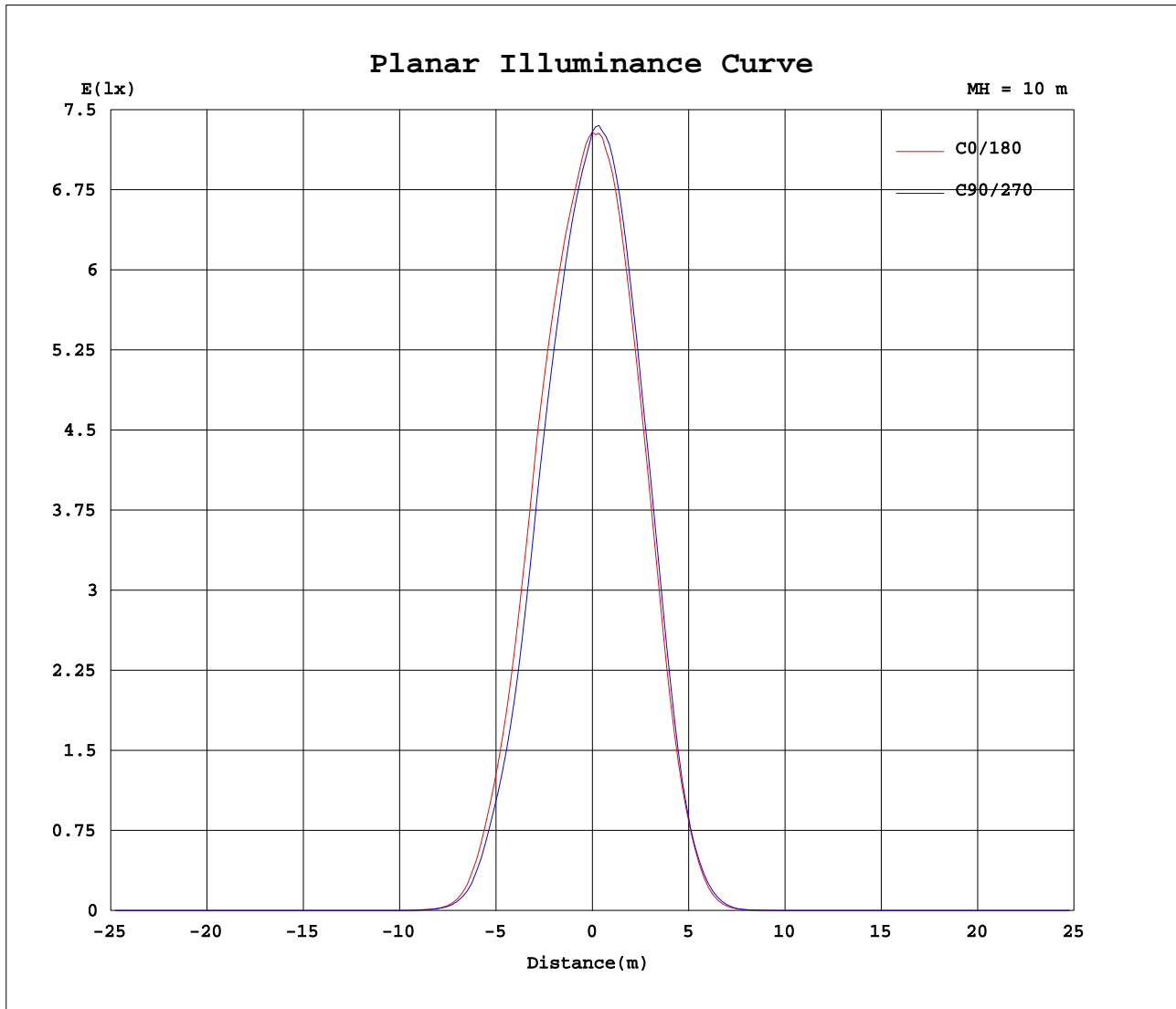
Test:U:220.6V I:0.0334A P:5.786W PF:0.7858 Lamp Flux:295.196x1 lm		
NAME: FF2-4W-830-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L70mm*W45mm*H60mm	
MFR.:		



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Cao Chengpei
 Test Date: 2016-06-24

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity: 53.0%
 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: Cao Chengpei
Test Date: 2016-06-24

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 53.0%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.6V I:0.0334A P:5.786W PF:0.7858 Lamp Flux:295.196x1 lm		
NAME: FF2-4W-830-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L70mm*W45mm*H60mm	
MFR.:		

Table--1

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Cao Chengpei
Test Date: 2016-06-24

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:53.0%
Test Distance:5.850m [K=1.0000]
Remarks:

```

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.6V I:0.0334A P:5.786W PF:0.7858 Lamp Flux:295.196x1 lm		
NAME: FF2-4W-830-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L70mm*W45mm*H60mm	
MFR.:		

Table--2

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Cao Chengpei
Test Date: 2016-06-24

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:53.0%
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	729.1	730.7	729.4	730.8	729.5	730.8	729.4	730.8	730.1	730.7
3.0	707.7	702.6	696.0	696.3	694.3	695.8	694.8	699.7	704.5	707.4
6.0	673.2	665.3	660.5	652.2	649.5	653.9	655.5	662.2	667.2	675.7
9.0	635.6	626.6	616.1	612.0	604.4	602.6	602.3	608.0	612.3	621.7
12.0	587.5	579.4	567.6	559.3	547.7	543.4	540.7	543.9	545.3	552.8
15.0	524.6	520.0	505.4	496.2	484.5	475.7	465.1	466.3	464.0	472.3
18.0	434.6	431.1	415.1	404.6	388.4	380.7	370.6	368.7	365.4	374.1
21.0	337.8	336.1	323.6	313.2	297.4	287.9	276.4	273.2	267.4	271.7
24.0	244.8	247.6	238.6	231.3	217.7	208.5	197.7	192.8	185.1	184.4
27.0	167.7	172.9	167.6	164.1	153.0	145.2	135.0	128.9	118.8	113.8
30.0	97.46	101.6	97.91	96.45	88.91	83.29	75.13	70.03	63.16	56.77
33.0	41.22	42.80	41.04	41.89	38.45	35.88	31.11	29.35	24.79	21.27
36.0	13.52	14.62	14.04	14.81	13.74	12.90	10.81	9.754	7.690	6.532
39.0	4.131	4.339	4.515	5.035	4.656	4.287	3.469	3.097	2.572	2.071
42.0	1.882	2.002	1.956	1.956	1.503	1.223	0.8122	0.6455	0.4559	0.4319
45.0	0.3566	0.3467	0.3355	0.2850	0.2797	0.2552	0.2648	0.2425	0.2647	0.2489
48.0	0.2113	0.1936	0.1964	0.1595	0.1664	0.1446	0.1643	0.1489	0.1728	0.1596
51.0	0.1451	0.1255	0.1344	0.1000	0.1110	0.0915	0.1173	0.0936	0.1216	0.1085
54.0	0.1067	0.0873	0.1024	0.0660	0.0832	0.0639	0.0874	0.0660	0.0938	0.0724
57.0	0.0853	0.0617	0.0789	0.0490	0.0682	0.0447	0.0682	0.0511	0.0725	0.0575
60.0	0.0682	0.0468	0.0660	0.0383	0.0533	0.0340	0.0554	0.0341	0.0576	0.0405
63.0	0.0576	0.0362	0.0554	0.0277	0.0469	0.0277	0.0469	0.0298	0.0512	0.0298
66.0	0.0490	0.0277	0.0490	0.0277	0.0405	0.0277	0.0405	0.0277	0.0427	0.0298
69.0	0.0447	0.0277	0.0405	0.0256	0.0362	0.0213	0.0362	0.0234	0.0384	0.0277
72.0	0.0362	0.0256	0.0404	0.0234	0.0320	0.0213	0.0320	0.0234	0.0362	0.0234
75.0	0.0341	0.0234	0.0341	0.0234	0.0299	0.0213	0.0298	0.0234	0.0278	0.0234
78.0	0.0320	0.0234	0.0298	0.0234	0.0277	0.0213	0.0256	0.0234	0.0277	0.0234
81.0	0.0298	0.0234	0.0277	0.0234	0.0256	0.0213	0.0256	0.0234	0.0256	0.0234
84.0	0.0235	0.0234	0.0256	0.0234	0.0234	0.0213	0.0235	0.0234	0.0235	0.0234
87.0	0.0234	0.0234	0.0256	0.0234	0.0234	0.0213	0.0234	0.0234	0.0234	0.0234
90.0	0.0234	0.0234	0.0234	0.0234	0.0213	0.0213	0.0234	0.0234	0.0234	0.0234
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	730.3	729.6	729.1	730.7	729.4	730.8	729.5	730.8	729.4	730.8
3.0	711.7	717.9	726.7	727.2	730.9	734.3	736.7	733.6	732.7	732.8
6.0	682.7	691.6	701.1	706.6	713.4	715.3	717.8	717.1	717.3	715.4
9.0	626.9	637.9	650.2	655.2	664.4	666.2	670.5	669.1	672.7	671.9
12.0	557.4	567.1	579.6	582.6	593.0	593.7	600.8	597.9	602.7	602.5
15.0	475.8	485.0	496.2	498.9	508.3	509.2	515.6	512.8	518.3	520.8
18.0	374.8	383.7	397.1	400.1	409.9	410.3	417.1	415.7	422.1	423.9
21.0	269.2	274.4	284.7	284.0	291.7	289.4	298.6	299.5	309.2	311.5
24.0	177.8	179.1	183.9	179.2	182.0	177.8	184.1	185.8	197.1	201.4
27.0	106.2	104.7	105.7	99.66	99.78	95.88	99.45	101.0	109.0	116.0
30.0	49.45	48.85	49.33	44.59	44.86	43.79	46.57	48.09	54.30	60.72
33.0	18.21	17.76	17.12	15.19	15.84	15.70	17.10	18.09	21.46	24.03
36.0	5.113	4.844	4.664	4.063	4.295	4.218	4.650	4.764	6.103	6.953
39.0	1.670	1.542	1.528	1.426	1.335	1.283	1.369	1.396	1.529	1.823
42.0	0.4368	0.4277	0.4274	0.4204	0.3870	0.3757	0.3551	0.3705	0.4100	0.4428
45.0	0.2668	0.2532	0.2488	0.2496	0.2190	0.2197	0.1935	0.2070	0.1998	0.2326
48.0	0.1813	0.1617	0.1595	0.1685	0.1340	0.1450	0.1149	0.1322	0.1149	0.1514
51.0	0.1322	0.1085	0.1064	0.1216	0.0935	0.1024	0.0766	0.0960	0.0745	0.1024
54.0	0.0981	0.0787	0.0745	0.0917	0.0618	0.0810	0.0574	0.0746	0.0532	0.0789
57.0	0.0789	0.0617	0.0574	0.0725	0.0468	0.0639	0.0404	0.0576	0.0362	0.0639
60.0	0.0639	0.0426	0.0404	0.0618	0.0341	0.0533	0.0277	0.0490	0.0277	0.0490
63.0	0.0533	0.0320	0.0320	0.0490	0.0277	0.0426	0.0277	0.0405	0.0276	0.0426
66.0	0.0448	0.0277	0.0277	0.0448	0.0277	0.0405	0.0192	0.0362	0.0213	0.0405
69.0	0.0384	0.0256	0.0277	0.0384	0.0213	0.0320	0.0170	0.0341	0.0170	0.0341
72.0	0.0341	0.0234	0.0191	0.0341	0.0170	0.0320	0.0170	0.0298	0.0170	0.0298
75.0	0.0320	0.0234	0.0170	0.0298	0.0170	0.0277	0.0170	0.0277	0.0170	0.0277
78.0	0.0298	0.0234	0.0170	0.0277	0.0170	0.0256	0.0170	0.0256	0.0170	0.0256
81.0	0.0256	0.0234	0.0170	0.0234	0.0170	0.0234	0.0170	0.0234	0.0170	0.0256
84.0	0.0277	0.0234	0.0170	0.0234	0.0170	0.0213	0.0170	0.0213	0.0170	0.0213
87.0	0.0234	0.0234	0.0170	0.0192	0.0170	0.0192	0.0170	0.0213	0.0170	0.0213
90.0	0.0234	0.0234	0.0192	0.0192	0.0170	0.0170	0.0170	0.0192	0.0192	0.0170
G/C	300.0	315.0	330.0	345.0						
0.0	730.1	730.7	730.3	729.6						
3.0	728.6	724.3	722.6	714.3						
6.0	712.3	704.8	696.4	684.9						
9.0	672.7	667.3	661.0	648.8						
12.0	609.2	605.6	605.8	597.2						
15.0	531.2	531.5	536.4	532.8						
18.0	435.6	437.6	446.2	443.8						
21.0	325.0	330.3	342.6	343.0						

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Cao Chengpei
 Test Date: 2016-06-24

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity: 53.0%
 Test Distance: 5.850m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

24.0	216.7	226.5	241.8	246.1
27.0	131.6	141.0	156.7	164.3
30.0	69.52	77.55	89.10	95.90
33.0	29.23	33.32	38.67	40.70
36.0	9.004	10.78	13.16	13.54
39.0	2.306	2.975	3.689	3.997
42.0	0.6193	0.8275	1.245	1.552
45.0	0.2339	0.2689	0.2934	0.3414
48.0	0.1382	0.1706	0.1680	0.2090
51.0	0.0915	0.1194	0.1106	0.1429
54.0	0.0617	0.0874	0.0766	0.1045
57.0	0.0426	0.0703	0.0553	0.0810
60.0	0.0298	0.0533	0.0404	0.0661
63.0	0.0298	0.0448	0.0319	0.0533
66.0	0.0255	0.0426	0.0277	0.0469
69.0	0.0191	0.0383	0.0277	0.0447
72.0	0.0170	0.0320	0.0170	0.0362
75.0	0.0170	0.0298	0.0170	0.0341
78.0	0.0170	0.0277	0.0170	0.0256
81.0	0.0170	0.0234	0.0170	0.0256
84.0	0.0170	0.0234	0.0170	0.0256
87.0	0.0170	0.0213	0.0170	0.0213
90.0	0.0170	0.0170	0.0170	0.0192

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Cao Chengpei
Test Date: 2016-06-24

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 53.0%
Test Distance: 5.850m [K=1.0000]
Remarks: