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LED Downlight FUCION Series LE-FF5-11W-840-24D  
Black

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Light Output Ratio:	100.0%	
Luminaire Power:	13.45 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	1.00	fine grid method.

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C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.2DEG  
Operators: Cao Chengpei  
Test Date: 2016-06-23

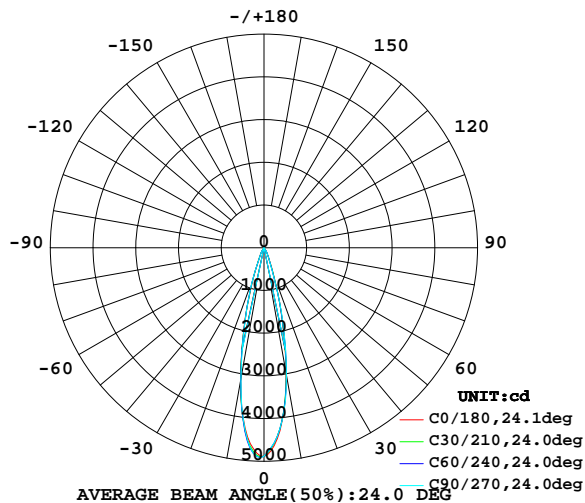
$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

## LUMINAIRE PHOTOMETRIC TEST REPORT

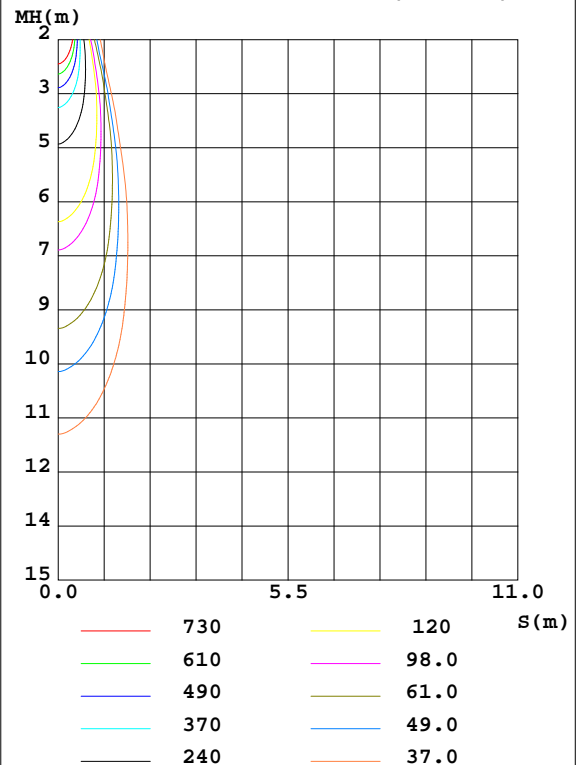
Test:U:220.0V I:0.0676A P:13.45W PF:0.9049 Lamp Flux:982.3x1 lm		
NAME: FF5-11W-840-24D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L153mm*W45mm*H60mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 73.02 lm/W			
MODEL	CREE-4000K	I <sub>max</sub> (cd)	4921	S/MH(C0/180)	0.41
NOMINAL POWER(W)	13.0	LOR(%)	100.0	S/MH(C90/270)	0.41
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	982.30	η UP,DN(C0-180)	0.0,49.1
NOMINAL FLUX(lm)	982.3	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.9
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)



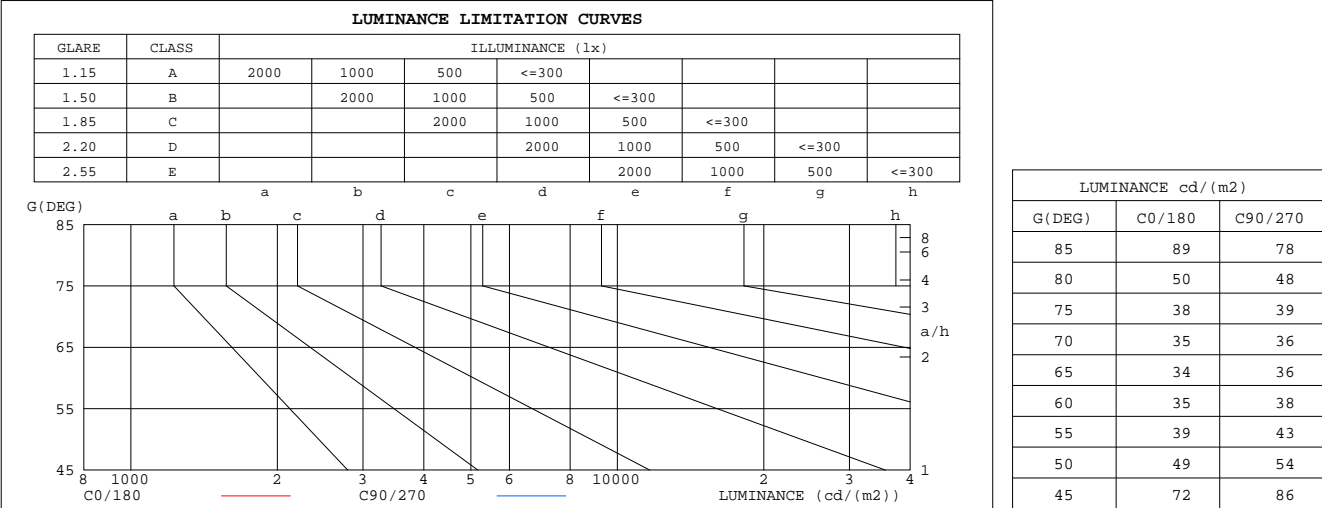
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.2DEG  
 Operators:Cao Chengpei  
 Test Date:2016-06-23

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	lum,lamp
10	2994	3046	3038	3109	3165	3107	3109	3056	0- 10	375.9	375.9	38.3,38.3
20	623.9	578.8	551.4	618.6	672.2	708.3	713.9	704.8	10- 20	445.4	821.4	83.6,83.6
30	136.2	145.5	143.4	145.7	138.8	137.6	132.2	139.8	20- 30	132.3	953.6	97.1,97.1
40	5.694	5.812	5.727	5.723	5.296	6.923	7.970	6.339	30- 40	27.66	981.3	99.9,99.9
50	0.2153	0.2278	0.2410	0.2065	0.1915	0.1919	0.1618	0.2004	40- 50	0.7043	982.0	100,100
60	0.1215	0.1149	0.1300	0.1022	0.0959	0.1065	0.0767	0.1108	50- 60	0.1320	982.1	100,100
70	0.0831	0.0660	0.0852	0.0618	0.0660	0.0682	0.0553	0.0703	60- 70	0.0845	982.2	100,100
80	0.0596	0.0383	0.0575	0.0383	0.0405	0.0490	0.0320	0.0490	70- 80	0.0585	982.3	100,100
90	0.0469	0.0383	0.0383	0.0383	0.0405	0.0320	0.0320	0.0320	80- 90	0.0437	982.3	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		



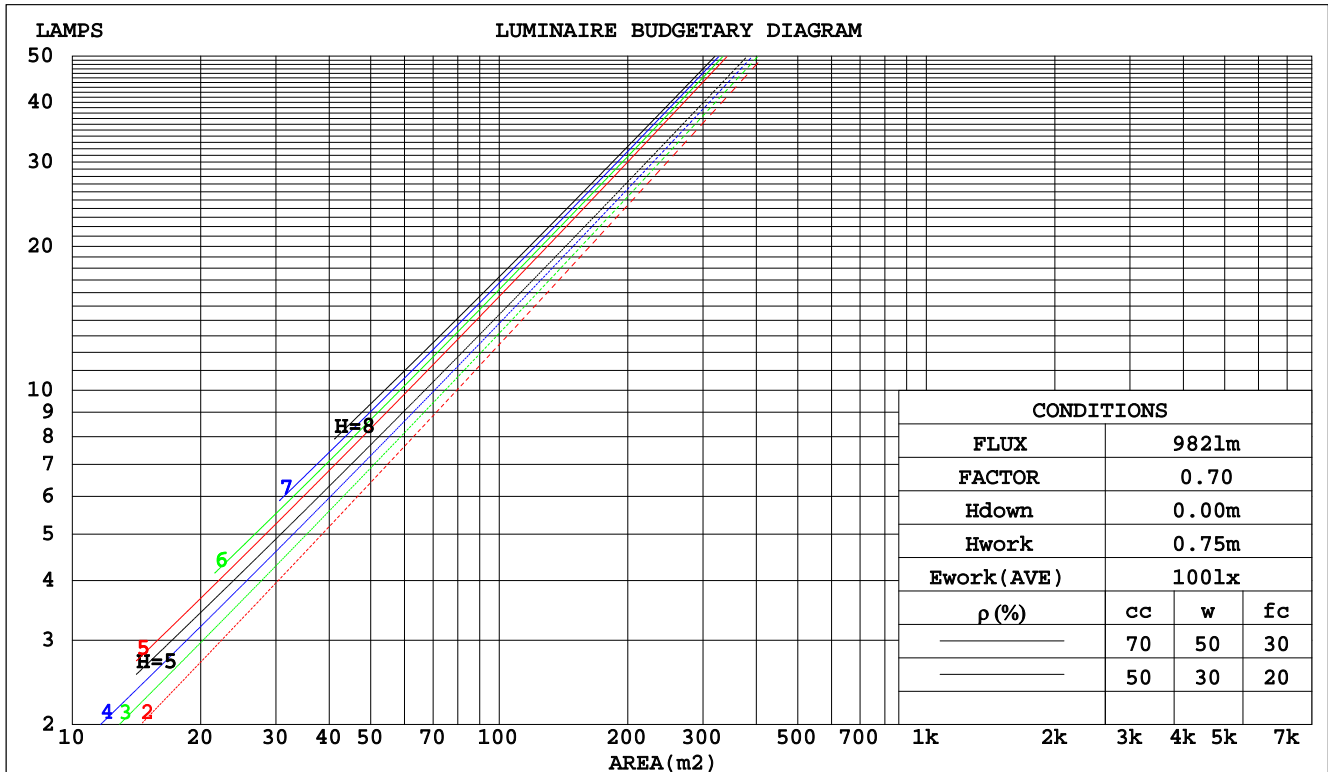
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γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity:52%  
Test Distance:5.850m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.0V I:0.0676A P:13.45W PF:0.9049 Lamp Flux:982.3x1 lm		
NAME: FF5-11W-840-24D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L153mm*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	1.13	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	1.07	1.04	1.02	1.03	1.01	.00	1.01	.99	.97	.98	.97	.96	.94
3.0	1.04	1.00	.98	1.03	.99	.97	1.00	.98	.95	.98	.96	.94	.96	.94	.93	.91
4.0	1.00	.96	.93	.99	.96	.93	.97	.94	.92	.95	.93	.91	.94	.92	.90	.89
5.0	.97	.93	.90	.96	.92	.89	.94	.91	.89	.93	.90	.88	.91	.89	.87	.86
6.0	.94	.90	.87	.93	.89	.87	.92	.88	.86	.90	.88	.85	.89	.87	.85	.84
7.0	.91	.87	.84	.90	.86	.84	.89	.86	.83	.88	.85	.83	.87	.85	.83	.82
8.0	.88	.84	.82	.88	.84	.81	.87	.84	.81	.86	.83	.81	.85	.83	.81	.80
9.0	.86	.82	.79	.85	.82	.79	.85	.81	.79	.84	.81	.79	.83	.81	.79	.78
10.0	.84	.80	.77	.83	.80	.77	.83	.79	.77	.82	.79	.77	.81	.79	.77	.76



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 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

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SPEC.:4000K			DIM.: L153mm*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	.125	.071	.023	.113	.065	.021	.102	.059	.019	.091	.053	.017	
2.0	.122	.067	.020	.116	.064	.020	.106	.059	.018	.097	.054	.017	.088	.050	.016	
3.0	.113	.060	.018	.109	.058	.018	.100	.054	.016	.092	.051	.016	.085	.047	.015	
4.0	.106	.055	.016	.102	.053	.016	.095	.050	.015	.088	.047	.014	.082	.045	.014	
5.0	.100	.051	.015	.096	.049	.014	.090	.047	.014	.085	.045	.013	.079	.042	.013	
6.0	.094	.047	.014	.091	.046	.013	.086	.044	.013	.081	.042	.012	.077	.040	.012	
7.0	.089	.044	.013	.087	.043	.012	.082	.042	.012	.078	.040	.012	.074	.039	.011	
8.0	.085	.042	.012	.083	.041	.012	.079	.040	.011	.075	.038	.011	.072	.037	.011	
9.0	.081	.039	.011	.080	.039	.011	.076	.038	.011	.073	.037	.010	.070	.035	.010	
10.0	.078	.037	.010	.076	.037	.010	.073	.036	.010	.070	.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	.103	.088	.079	.072	.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	.084	.069	.072	.059	.049	.041	.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	.087	.065	.049	.060	.046	.035	.035	.027	.021	.011	.009	.007	
7.0	.094	.067	.048	.081	.058	.042	.056	.041	.030	.032	.024	.018	.010	.008	.006	
8.0	.087	.060	.042	.075	.052	.036	.052	.037	.026	.030	.022	.015	.010	.007	.005	
9.0	.082	.055	.036	.070	.047	.032	.049	.033	.022	.028	.020	.013	.009	.006	.004	
10.0	.077	.050	.032	.066	.043	.028	.046	.030	.020	.027	.018	.012	.009	.006	.004	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
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Temperature:25.2DEG  
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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:220.0V I:0.0676A P:13.45W PF:0.9049 Lamp Flux:982.3x1 lm										
NAME: FF5-11W-840-24D Black					TYPE:Downlight			SERIAL No.:		
SPEC.:4000K					DIM.: L153mm*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	4.8	5.5	5.0	5.6	5.8	5.4	6.0	5.6	6.1	6.3
3H	4.7	5.3	4.9	5.5	5.6	5.2	5.8	5.5	6.0	6.2
4H	4.6	5.2	4.9	5.4	5.6	5.2	5.7	5.4	5.9	6.1
6H	4.5	5.1	4.8	5.3	5.5	5.1	5.6	5.3	5.8	6.0
8H	4.5	5.0	4.8	5.2	5.5	5.0	5.5	5.3	5.8	6.0
12H	4.5	4.9	4.8	5.2	5.5	5.0	5.5	5.3	5.7	6.0
4H 2H	4.6	5.2	4.9	5.4	5.6	5.1	5.7	5.4	5.9	6.1
3H	4.4	4.9	4.8	5.2	5.5	5.0	5.5	5.3	5.7	6.0
4H	4.4	4.8	4.7	5.1	5.4	4.9	5.3	5.2	5.6	5.9
6H	4.3	4.6	4.6	5.0	5.3	4.8	5.2	5.1	5.5	5.8
8H	4.2	4.6	4.6	4.9	5.3	4.7	5.1	5.1	5.4	5.8
12H	4.1	4.5	4.5	4.8	5.2	4.7	5.0	5.1	5.4	5.8
8H 4H	4.2	4.6	4.6	4.9	5.3	4.7	5.1	5.1	5.4	5.8
6H	4.1	4.4	4.5	4.8	5.2	4.6	4.9	5.0	5.3	5.7
8H	4.0	4.3	4.5	4.7	5.1	4.5	4.8	5.0	5.2	5.7
12H	4.0	4.2	4.4	4.6	5.1	4.5	4.7	5.0	5.2	5.6
12H 4H	4.1	4.5	4.5	4.8	5.2	4.7	5.0	5.1	5.4	5.8
6H	4.0	4.3	4.5	4.7	5.1	4.5	4.8	5.0	5.2	5.7
8H	4.0	4.2	4.4	4.6	5.1	4.5	4.7	4.9	5.2	5.6
Variations with the observer position at spacings:										
S = 1.0H	+ 4.2 / -10.7					+ 4.3 / -11.5				
1.5H	+ 6.9 / -10.3					+ 7.1 / -11.2				
2.0H	+ 0.9 / - 0.5					+ 1.4 / - 0.7				

CIE Pub.117 Corrected 982.3 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.1)

C Range: 0 - 360DEG  
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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:220.0V I:0.0676A P:13.45W PF:0.9049 Lamp Flux:982.3x1 lm		
NAME: FF5-11W-840-24D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L153mm*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		

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## ISOCANDELA DIAGRAM

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MFR.:		

Conical surface Flux(90deg):

981.88 lm

%lum = 100.0%

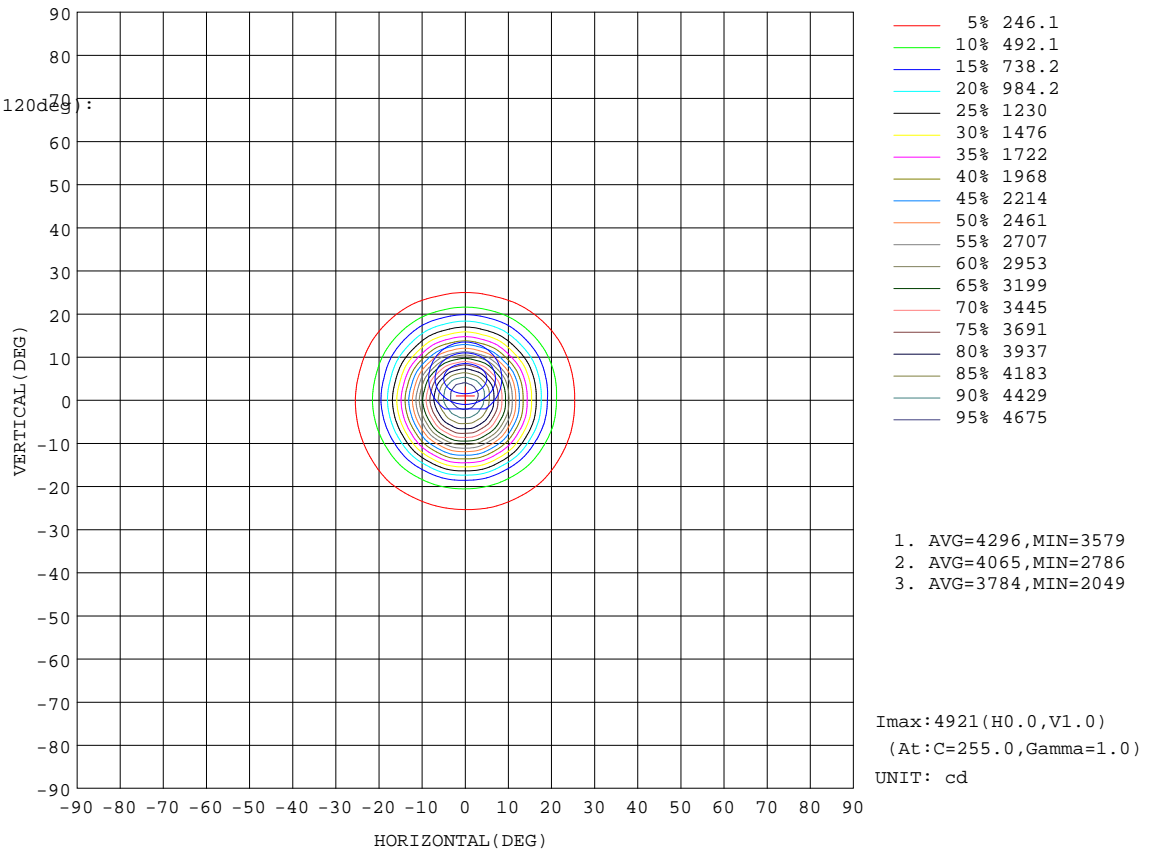
%lamp = 100.0%

Conical surface Flux(120deg):

982.11 lm

%lum = 100.0%

%lamp = 100.0%



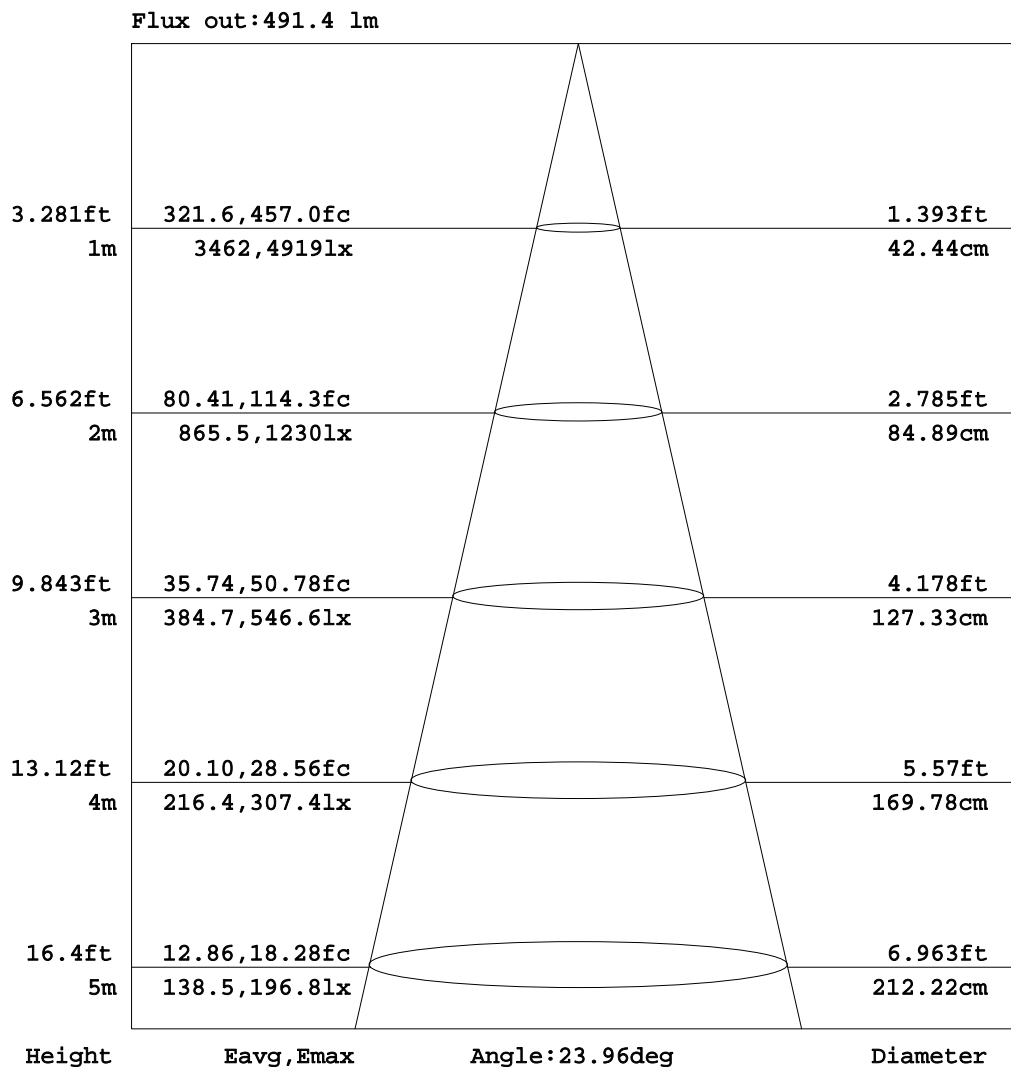
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## AAI Figure

Test:U:220.0V I:0.0676A P:13.45W PF:0.9049 Lamp Flux:982.3x1 lm		
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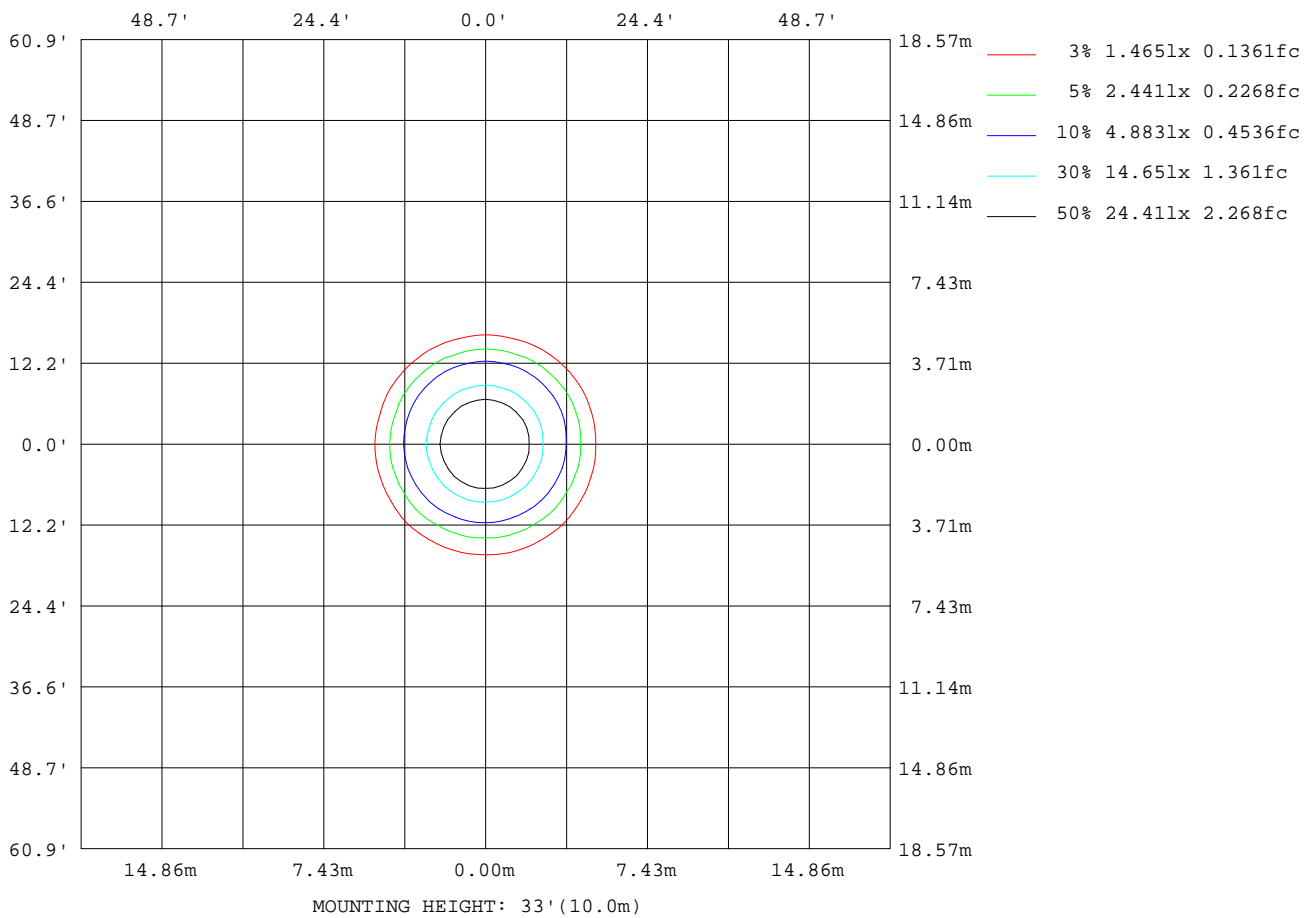
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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## ISOLUX DIAGRAM

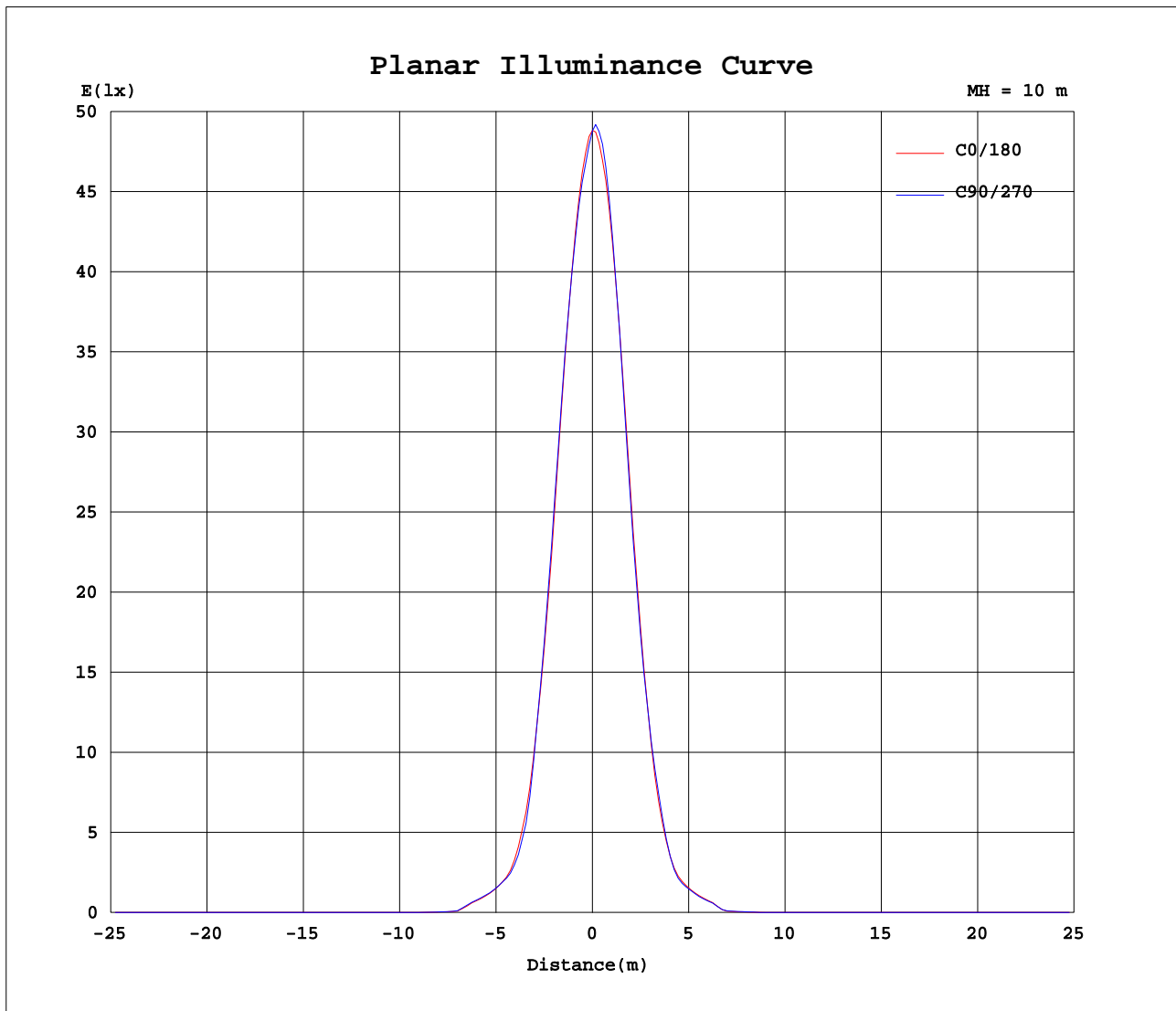
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## Planar Illuminance Curve



C Range: 0 - 360DEG  
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Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
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## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.0V I:0.0676A P:13.45W PF:0.9049 Lamp Flux:982.3x1 lm		
NAME: FF5-11W-840-24D Black	TYPE:Downlight	SERIAL No.:
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Table--1

UNIT: cd

[illegible]

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
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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:220.0V I:0.0676A P:13.45W PF:0.9049 Lamp Flux:982.3x1 lm		
NAME: FF5-11W-840-24D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L153mm*W45mm*H60mm	
MFR.:		

Table--2

UNIT: cd

[illegible]

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.2DEG  
Operators: Cao Chengpei  
Test Date: 2016-06-23

```

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	4883	4883	4879	4884	4878	4886	4879	4889	4882	4891
3.0	4636	4630	4589	4598	4576	4587	4578	4592	4589	4621
6.0	4081	4089	4054	4078	4054	4084	4070	4105	4095	4138
9.0	3301	3330	3297	3337	3314	3363	3338	3381	3356	3405
12.0	2371	2416	2388	2441	2417	2468	2435	2487	2464	2511
15.0	1562	1593	1565	1602	1575	1614	1593	1636	1623	1663
18.0	906.7	910.0	874.8	881.6	844.1	862.1	839.0	877.2	875.9	923.9
21.0	505.4	505.3	482.3	481.4	457.1	453.2	445.3	463.0	476.0	509.6
24.0	291.4	293.8	289.9	289.8	286.7	286.6	282.0	286.8	288.0	299.0
27.0	200.0	201.6	202.6	206.9	204.4	206.1	202.7	206.4	205.6	209.6
30.0	136.2	139.6	140.1	145.5	143.7	144.2	143.4	143.7	144.0	145.7
33.0	71.13	78.34	81.01	87.00	84.11	84.80	80.30	80.88	76.58	76.38
36.0	13.09	13.89	14.07	15.16	14.93	15.49	14.96	15.29	14.96	14.57
39.0	7.049	6.883	7.157	7.529	7.490	7.693	7.529	7.450	7.321	7.560
42.0	0.8947	0.9948	1.064	1.327	1.213	1.300	1.099	1.065	0.9798	0.9143
45.0	0.3529	0.3806	0.4127	0.4359	0.4470	0.4402	0.4192	0.4190	0.4041	0.3659
48.0	0.2516	0.2427	0.2772	0.2746	0.3006	0.2767	0.2836	0.2703	0.2836	0.2512
51.0	0.1983	0.1915	0.2196	0.2087	0.2345	0.2108	0.2197	0.2044	0.2218	0.1958
54.0	0.1642	0.1512	0.1791	0.1661	0.1876	0.1661	0.1833	0.1639	0.1812	0.1533
57.0	0.1364	0.1320	0.1534	0.1384	0.1578	0.1384	0.1534	0.1321	0.1514	0.1320
60.0	0.1215	0.1065	0.1300	0.1149	0.1343	0.1128	0.1300	0.1065	0.1300	0.1022
63.0	0.1066	0.0936	0.1151	0.0958	0.1151	0.0958	0.1129	0.0916	0.1108	0.0873
66.0	0.0959	0.0767	0.0980	0.0809	0.1023	0.0788	0.1002	0.0788	0.0959	0.0745
69.0	0.0853	0.0682	0.0895	0.0703	0.0895	0.0682	0.0874	0.0639	0.0874	0.0660
72.0	0.0768	0.0639	0.0768	0.0660	0.0789	0.0639	0.0789	0.0618	0.0767	0.0617
75.0	0.0682	0.0554	0.0725	0.0553	0.0703	0.0553	0.0704	0.0490	0.0682	0.0469
78.0	0.0639	0.0468	0.0661	0.0468	0.0661	0.0426	0.0618	0.0426	0.0597	0.0405
81.0	0.0596	0.0426	0.0575	0.0383	0.0554	0.0362	0.0554	0.0383	0.0533	0.0383
84.0	0.0533	0.0426	0.0511	0.0383	0.0490	0.0362	0.0490	0.0383	0.0490	0.0383
87.0	0.0511	0.0426	0.0469	0.0383	0.0447	0.0362	0.0447	0.0383	0.0406	0.0383
90.0	0.0469	0.0426	0.0405	0.0383	0.0405	0.0362	0.0383	0.0383	0.0362	0.0383
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	4887	4892	4883	4883	4879	4884	4878	4886	4879	4889
3.0	4628	4676	4715	4736	4777	4787	4818	4808	4817	4792
6.0	4129	4183	4243	4248	4292	4285	4312	4275	4281	4236
9.0	3375	3419	3474	3437	3476	3434	3467	3413	3436	3380
12.0	2474	2499	2540	2486	2516	2477	2505	2455	2477	2436
15.0	1638	1665	1693	1649	1677	1644	1678	1637	1661	1628
18.0	919.9	954.3	992.9	977.0	1020	1016	1046	1026	1043	1021
21.0	512.9	530.1	549.5	547.3	569.1	572.5	579.8	563.7	565.9	567.3
24.0	296.5	297.7	299.1	289.7	299.0	294.4	292.7	279.5	282.6	279.8
27.0	202.3	202.7	203.9	198.0	202.7	198.3	197.7	193.3	196.9	195.0
30.0	140.5	140.2	138.8	136.0	138.3	137.6	137.3	130.6	132.2	132.4
33.0	67.33	64.10	66.26	62.05	62.09	62.86	62.91	61.30	63.56	63.71
36.0	12.48	11.87	12.20	12.38	13.35	15.62	16.78	16.45	16.04	16.20
39.0	6.462	5.908	6.397	7.096	7.716	8.872	10.35	9.207	9.666	9.346
42.0	0.8344	0.7910	0.7841	0.7390	0.7225	0.7020	0.7013	0.6759	0.6864	0.7010
45.0	0.3442	0.3128	0.3106	0.3054	0.2914	0.3010	0.2808	0.2903	0.2744	0.2968
48.0	0.2495	0.2214	0.2192	0.2281	0.2108	0.2260	0.2085	0.2174	0.1979	0.2217
51.0	0.2004	0.1725	0.1703	0.1833	0.1617	0.1812	0.1596	0.1727	0.1511	0.1727
54.0	0.1642	0.1385	0.1384	0.1535	0.1363	0.1492	0.1362	0.1428	0.1235	0.1407
57.0	0.1386	0.1171	0.1150	0.1300	0.1064	0.1257	0.1043	0.1193	0.1001	0.1194
60.0	0.1194	0.0958	0.0959	0.1066	0.0915	0.1065	0.0851	0.1023	0.0767	0.1023
63.0	0.1023	0.0830	0.0830	0.0980	0.0724	0.0937	0.0724	0.0895	0.0682	0.0895
66.0	0.0895	0.0703	0.0703	0.0874	0.0660	0.0810	0.0660	0.0789	0.0681	0.0789
69.0	0.0810	0.0660	0.0660	0.0767	0.0617	0.0724	0.0596	0.0682	0.0575	0.0682
72.0	0.0725	0.0532	0.0638	0.0661	0.0468	0.0618	0.0510	0.0618	0.0426	0.0639
75.0	0.0640	0.0447	0.0468	0.0597	0.0383	0.0576	0.0362	0.0533	0.0362	0.0554
78.0	0.0575	0.0362	0.0405	0.0575	0.0341	0.0511	0.0320	0.0511	0.0320	0.0511
81.0	0.0554	0.0362	0.0405	0.0511	0.0341	0.0469	0.0320	0.0448	0.0320	0.0469
84.0	0.0448	0.0362	0.0405	0.0448	0.0341	0.0405	0.0320	0.0405	0.0320	0.0405
87.0	0.0405	0.0362	0.0405	0.0384	0.0341	0.0362	0.0320	0.0362	0.0320	0.0341
90.0	0.0362	0.0362	0.0405	0.0362	0.0341	0.0320	0.0320	0.0320	0.0320	0.0298
G/C	300.0	315.0	330.0	345.0						
0.0	4882	4891	4887	4892						
3.0	4783	4744	4733	4684						
6.0	4249	4203	4206	4140						
9.0	3422	3373	3393	3349						
12.0	2468	2429	2461	2415						
15.0	1661	1623	1641	1599						
18.0	1039	1005	1003	953.9						
21.0	583.5	576.4	569.4	543.9						

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.2DEG

Operators: Cao Chengpei

Test Date: 2016-06-23

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	293.6	296.6	304.5	297.2
27.0	201.1	203.1	205.3	202.6
30.0	138.8	139.8	140.0	138.3
33.0	70.29	68.44	70.86	72.67
36.0	15.65	14.69	14.73	14.13
39.0	10.04	8.268	8.589	7.267
42.0	0.7502	0.7773	0.8414	0.8736
45.0	0.3021	0.3226	0.3274	0.3398
48.0	0.2171	0.2345	0.2213	0.2366
51.0	0.1617	0.1855	0.1681	0.1876
54.0	0.1341	0.1534	0.1342	0.1535
57.0	0.1064	0.1258	0.1085	0.1279
60.0	0.0872	0.1108	0.0957	0.1087
63.0	0.0724	0.0938	0.0745	0.0917
66.0	0.0681	0.0831	0.0660	0.0831
69.0	0.0638	0.0746	0.0596	0.0725
72.0	0.0532	0.0681	0.0490	0.0639
75.0	0.0362	0.0576	0.0383	0.0575
78.0	0.0320	0.0554	0.0320	0.0512
81.0	0.0320	0.0469	0.0320	0.0511
84.0	0.0319	0.0405	0.0320	0.0447
87.0	0.0298	0.0363	0.0298	0.0384
90.0	0.0298	0.0320	0.0298	0.0320

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.2DEG  
Operators: Cao Chengpei  
Test Date: 2016-06-23

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: