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LED Downlight FUSION Series LE-FF3-7W-930-40D  
Black

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Light Output Ratio:	100.0%	
Luminaire Power:	8.007 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.65	fine grid method.

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

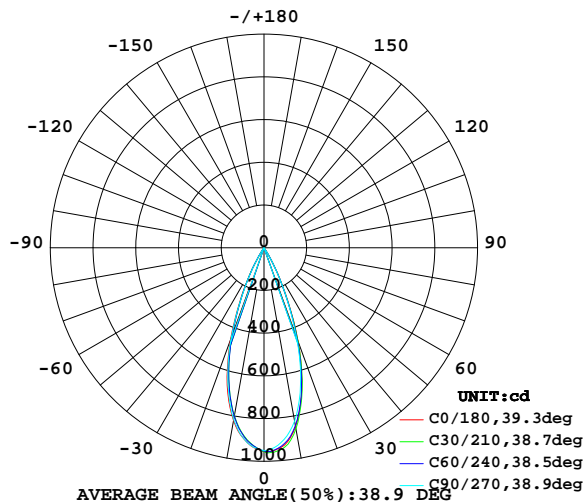
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

## LUMINAIRE PHOTOMETRIC TEST REPORT

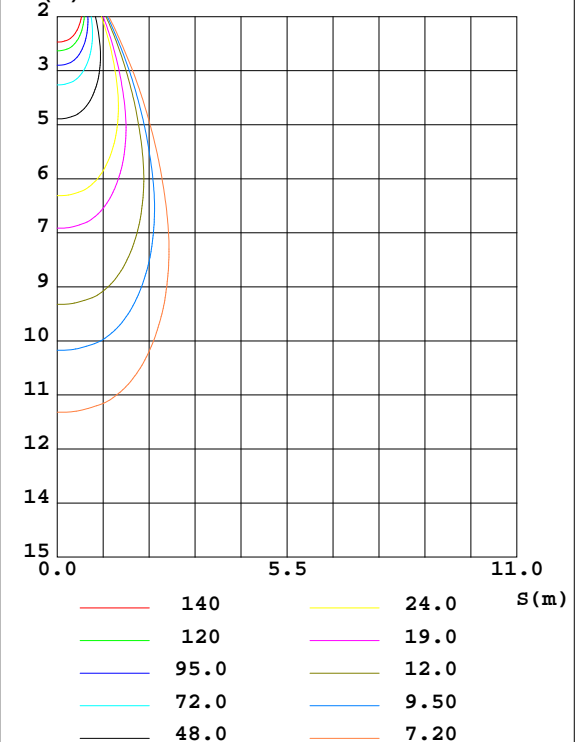
Test:U:220.7V I:0.0447A P:8.007W PF:0.8125 Lamp Flux:387.388x1 lm		
NAME: FF3-7W-930-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L98mm*W45mm*H60mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 48.38 lm/W			
MODEL	CREE-3000K	I <sub>max</sub> (cd)	960.6	S/MH(C0/180)	0.61
NOMINAL POWER(W)	8.5	LOR(%)	100.0	S/MH(C90/270)	0.61
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	387.39	η UP,DN(C0-180)	0.0,50.0
NOMINAL FLUX(lm)	387.388	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.0
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:2017-06-06

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:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\%lum, lamp$
10	850.7	857.3	824.1	801.0	821.8	797.3	817.5	847.2	0- 10	84.82	84.82	21.9,21.9
20	467.6	465.7	446.8	437.3	458.1	429.8	450.7	462.7	10- 20	179.7	264.6	68.3,68.3
30	80.90	77.41	75.07	80.13	86.50	84.53	85.34	82.39	20- 30	108.9	373.4	96.4,96.4
40	1.543	1.771	1.816	1.869	1.864	2.020	1.934	1.767	30- 40	13.29	386.7	99.8,99.8
50	0.2014	0.2163	0.2473	0.2250	0.1900	0.2254	0.2120	0.2254	40- 50	0.3878	387.1	99.9,99.9
60	0.0963	0.0961	0.1269	0.1092	0.0830	0.1116	0.0896	0.1094	50- 60	0.1365	387.3	100,100
70	0.0503	0.0437	0.0722	0.0568	0.0372	0.0678	0.0394	0.0612	60- 70	0.0749	387.3	100,100
80	0.0241	0.0175	0.0394	0.0284	0.0109	0.0394	0.0153	0.0306	70- 80	0.0412	387.4	100,100
90	0.0153	0.0153	0.0153	0.0131	0.0109	0.0087	0.0087	0.0087	80- 90	0.0191	387.4	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(DEG)	C0/180	C90/270
85	40	57
80	31	51
75	33	48
70	33	48
65	36	50
60	44	58
55	55	69
50	71	87
45	105	120

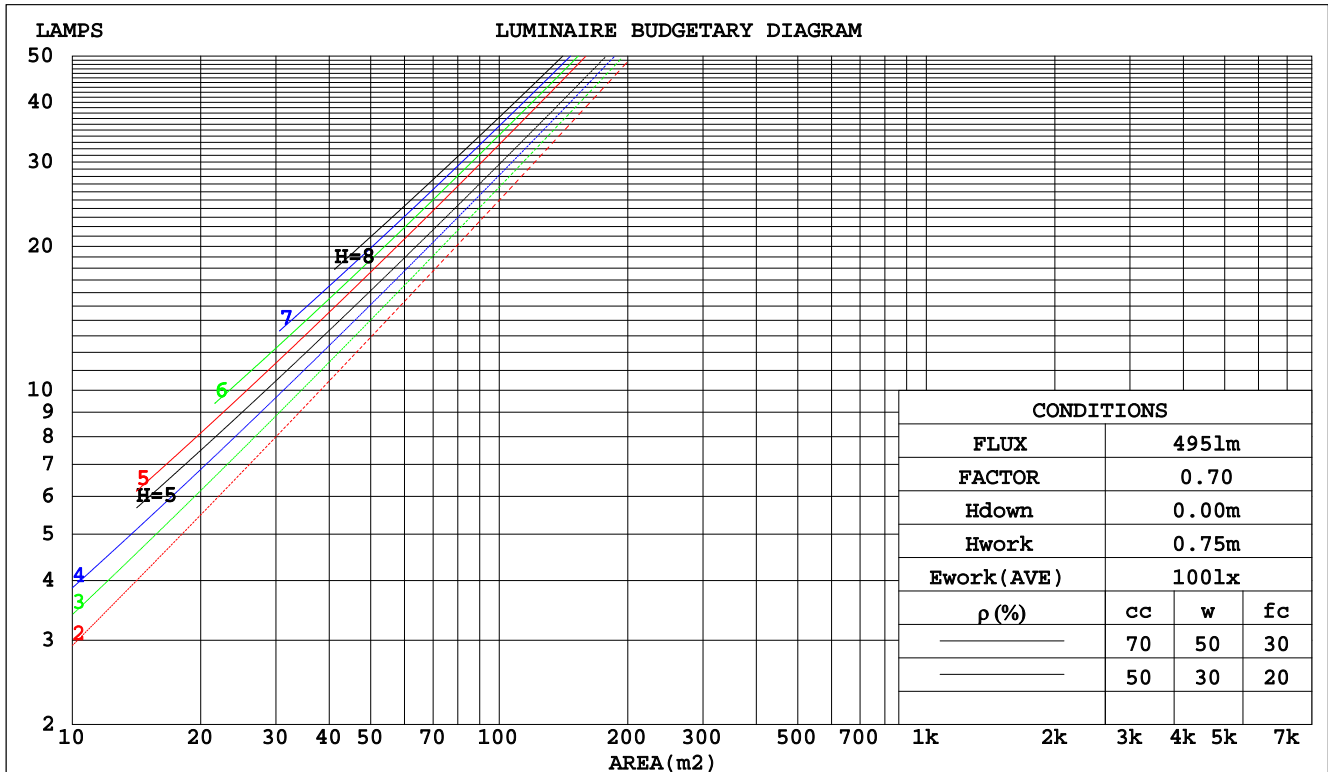
C Range: 0 - 360DEG  
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 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
 Test Date: 2017-06-06

$\gamma$  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:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.7V I:0.0447A P:8.007W PF:0.8125 Lamp Flux:387.388x1 lm		
NAME: FF3-7W-930-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L98mm*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	1.09	1.10	1.08	1.07	1.06	1.05	1.04	1.03	1.01	1.00	.99	.98	.98	.96
2.0	1.07	1.03	1.01	1.05	1.02	.00	1.02	.99	.97	.99	.97	.95	.96	.95	.93	.92
3.0	1.01	.98	.94	1.00	.97	.94	.98	.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	.93	.88	.85	.92	.88	.84	.90	.86	.84	.89	.85	.83	.87	.84	.82	.81
6.0	.89	.84	.81	.88	.84	.81	.87	.83	.80	.85	.82	.80	.84	.81	.79	.78
7.0	.85	.81	.77	.85	.80	.77	.84	.80	.77	.82	.79	.76	.81	.78	.76	.75
8.0	.82	.77	.74	.81	.77	.74	.80	.77	.74	.80	.76	.73	.79	.76	.73	.72
9.0	.79	.74	.71	.78	.74	.71	.78	.74	.71	.77	.73	.71	.76	.73	.71	.69
10.0	.76	.72	.69	.76	.71	.69	.75	.71	.68	.74	.71	.68	.74	.70	.68	.67



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## WEC AND CCEC

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SPEC.:3000K	DIM.: L98mm*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	.083	.026	.140	.080	.025	.127	.073	.023	.116	.067	.021	.106	.061	.020		
2.0	.137	.075	.023	.131	.072	.022	.121	.067	.021	.112	.063	.020	.103	.058	.018		
3.0	.129	.068	.020	.124	.066	.020	.115	.063	.019	.107	.059	.018	.100	.055	.017		
4.0	.121	.063	.019	.117	.061	.018	.110	.058	.017	.103	.055	.017	.097	.053	.016		
5.0	.115	.059	.017	.112	.057	.017	.105	.055	.016	.100	.053	.016	.094	.050	.015		
6.0	.110	.055	.016	.107	.054	.016	.101	.052	.015	.096	.050	.015	.091	.048	.014		
7.0	.105	.052	.015	.102	.051	.015	.097	.049	.014	.093	.048	.014	.089	.046	.014		
8.0	.100	.049	.014	.098	.048	.014	.094	.047	.013	.090	.046	.013	.086	.044	.013		
9.0	.096	.047	.013	.094	.046	.013	.091	.045	.013	.087	.044	.012	.084	.042	.012		
10.0	.093	.044	.012	.091	.044	.012	.087	.043	.012	.084	.042	.012	.081	.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	.125	.098	.077	.108	.085	.067	.074	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.115	.086	.064	.099	.074	.056	.068	.052	.040	.040	.031	.023	.013	.010	.008	
6.0	.107	.076	.054	.092	.066	.047	.063	.046	.033	.037	.027	.020	.012	.009	.007	
7.0	.100	.068	.046	.086	.059	.040	.059	.041	.028	.034	.024	.017	.011	.008	.006	
8.0	.094	.062	.040	.081	.053	.035	.056	.038	.024	.032	.022	.015	.011	.007	.005	
9.0	.088	.056	.034	.076	.049	.030	.053	.034	.021	.031	.020	.013	.010	.007	.004	
10.0	.084	.052	.030	.072	.045	.026	.050	.031	.019	.029	.019	.011	.009	.006	.004	

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:

UGR(Unified Glare Rating) Table

Test:U:220.7V I:0.0447A P:8.007W PF:0.8125 Lamp Flux:387.388x1 lm										
NAME: FF3-7W-930-40D Black					TYPE:Downlight			SERIAL No.:		
SPEC.:3000K					DIM.: L98mm*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	3.2	2.6	3.3	3.5	2.2	2.9	2.4	3.1	3.2
3H	2.3	2.9	2.5	3.1	3.3	2.1	2.7	2.3	2.9	3.1
4H	2.2	2.8	2.5	3.0	3.3	2.0	2.6	2.2	2.8	3.0
6H	2.1	2.7	2.4	2.9	3.2	1.9	2.5	2.2	2.7	3.0
8H	2.1	2.6	2.4	2.9	3.1	1.9	2.4	2.2	2.7	2.9
12H	2.0	2.6	2.3	2.8	3.1	1.8	2.4	2.1	2.6	2.9
4H 2H	2.2	2.8	2.5	3.0	3.3	2.0	2.6	2.2	2.8	3.0
3H	2.0	2.6	2.3	2.8	3.1	1.8	2.4	2.1	2.6	2.9
4H	1.9	2.4	2.3	2.7	3.0	1.7	2.2	2.1	2.5	2.8
6H	1.8	2.3	2.2	2.6	2.9	1.6	2.1	2.0	2.4	2.7
8H	1.8	2.2	2.2	2.5	2.9	1.6	2.0	2.0	2.3	2.7
12H	1.7	2.1	2.1	2.5	2.9	1.5	1.9	1.9	2.3	2.7
8H 4H	1.8	2.2	2.2	2.5	2.9	1.6	2.0	2.0	2.3	2.7
6H	1.7	2.0	2.1	2.4	2.8	1.5	1.8	1.9	2.2	2.6
8H	1.6	1.9	2.1	2.3	2.8	1.4	1.7	1.8	2.1	2.6
12H	1.6	1.8	2.0	2.3	2.7	1.3	1.6	1.8	2.0	2.5
12H 4H	1.7	2.1	2.1	2.5	2.9	1.5	1.9	1.9	2.3	2.6
6H	1.6	1.9	2.1	2.3	2.8	1.4	1.7	1.8	2.1	2.6
8H	1.6	1.8	2.0	2.3	2.7	1.3	1.6	1.8	2.0	2.5
Variations with the observer position at spacings:										
S = 1.0H	+ 5.1 / - 8.6					+ 4.9 / - 7.5				
1.5H	+ 7.8 / - 7.8					+ 7.5 / - 6.9				
2.0H	+ 2.0 / - 1.2					+ 1.8 / - 1.3				

CIE Pub.117 Corrected 387.4 lm Total Lamp Luminous Flux.(8log(F/F0) = -3.3)

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:220.7V I:0.0447A P:8.007W PF:0.8125 Lamp Flux:387.388x1 lm		
NAME: FF3-7W-930-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L98mm*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		

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## ISOCANDELA DIAGRAM

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Conical surface Flux(90deg):

387 lm

%lum = 99.9%

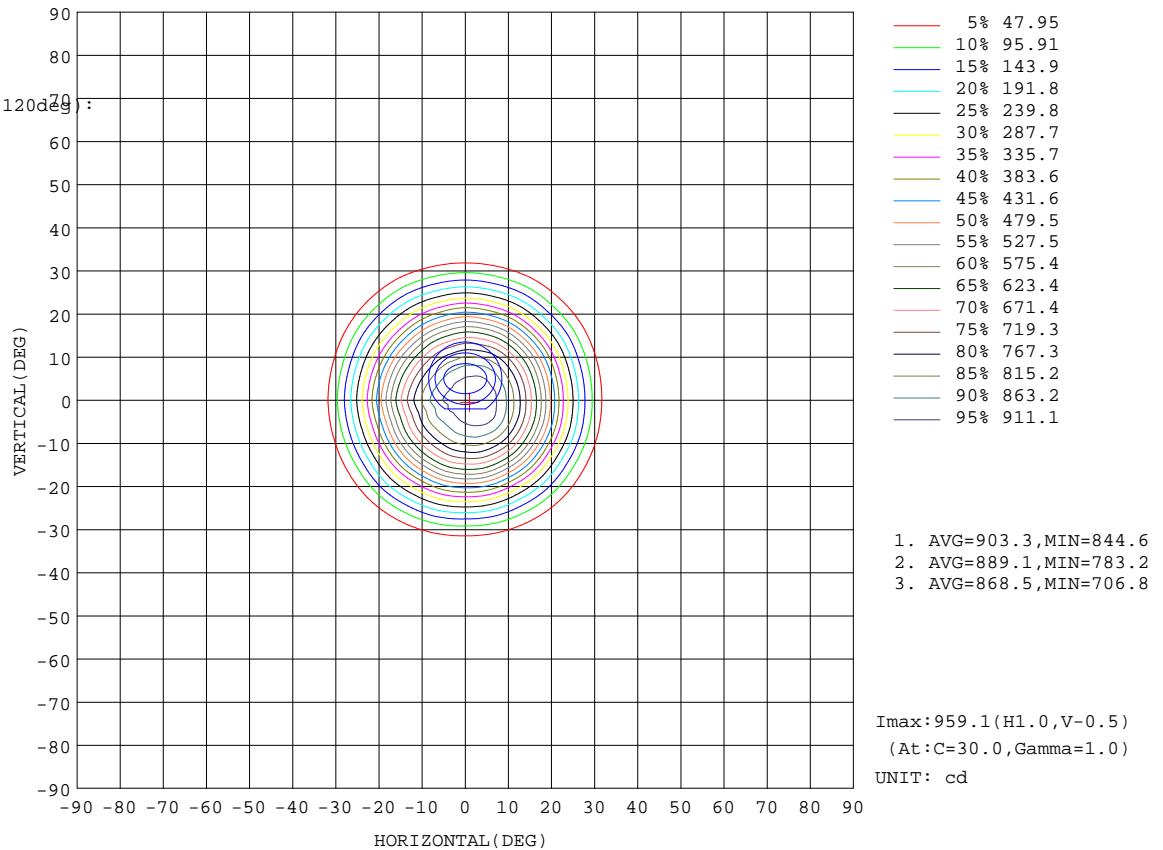
%lamp = 99.9%

Conical surface Flux(120deg):

387.25 lm

%lum = 100.0%

%lamp = 100.0%



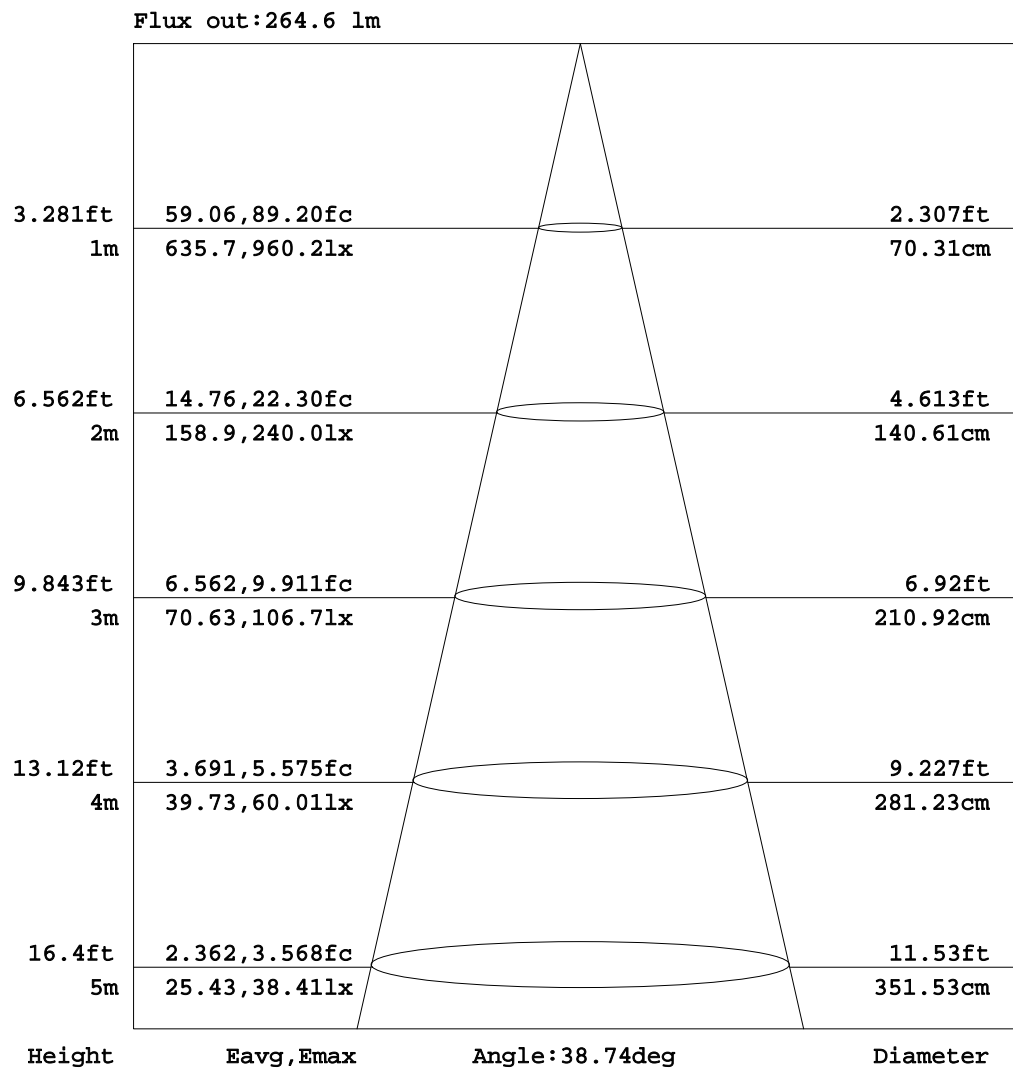
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## AAI Figure

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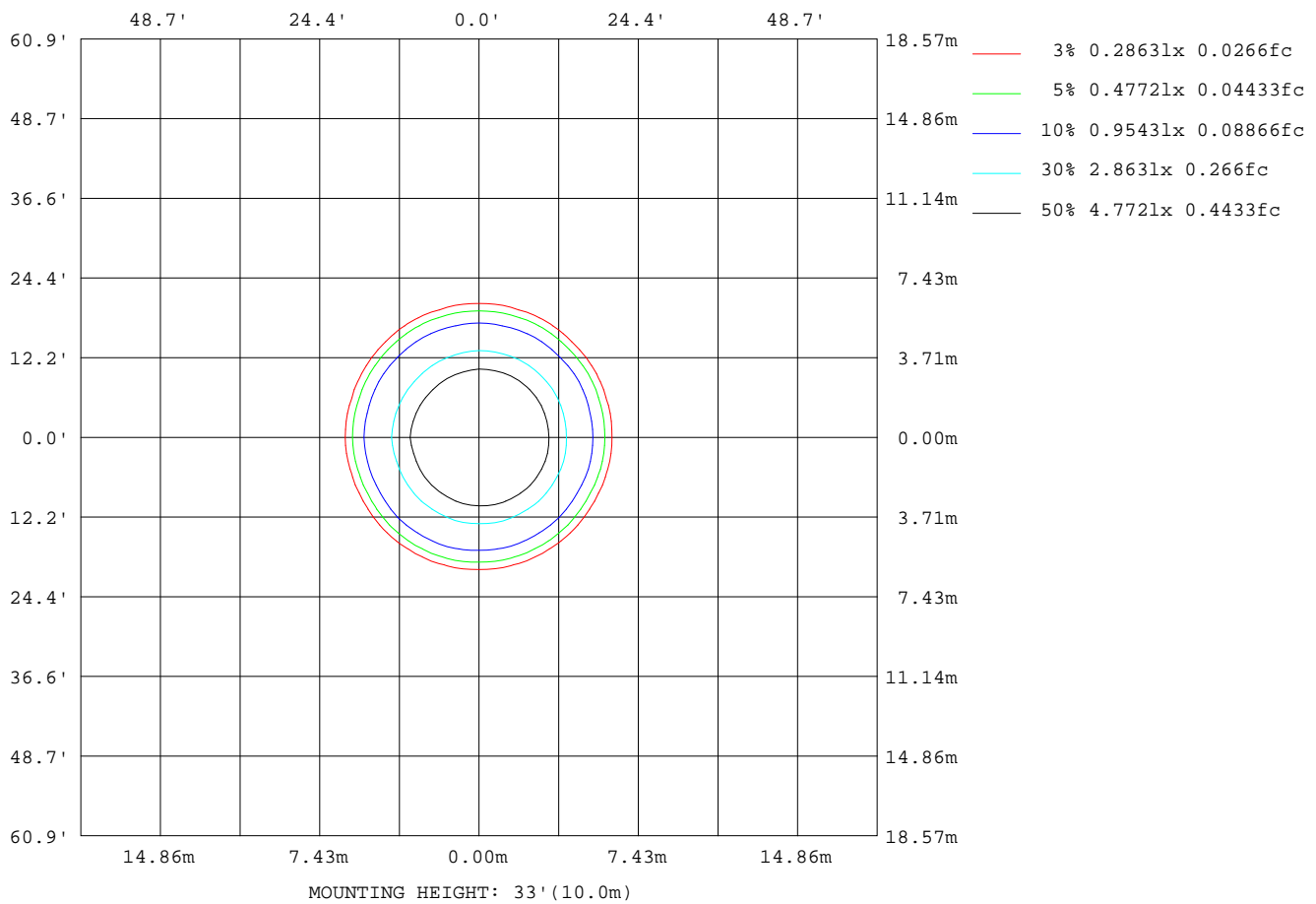
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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## ISOLUX DIAGRAM

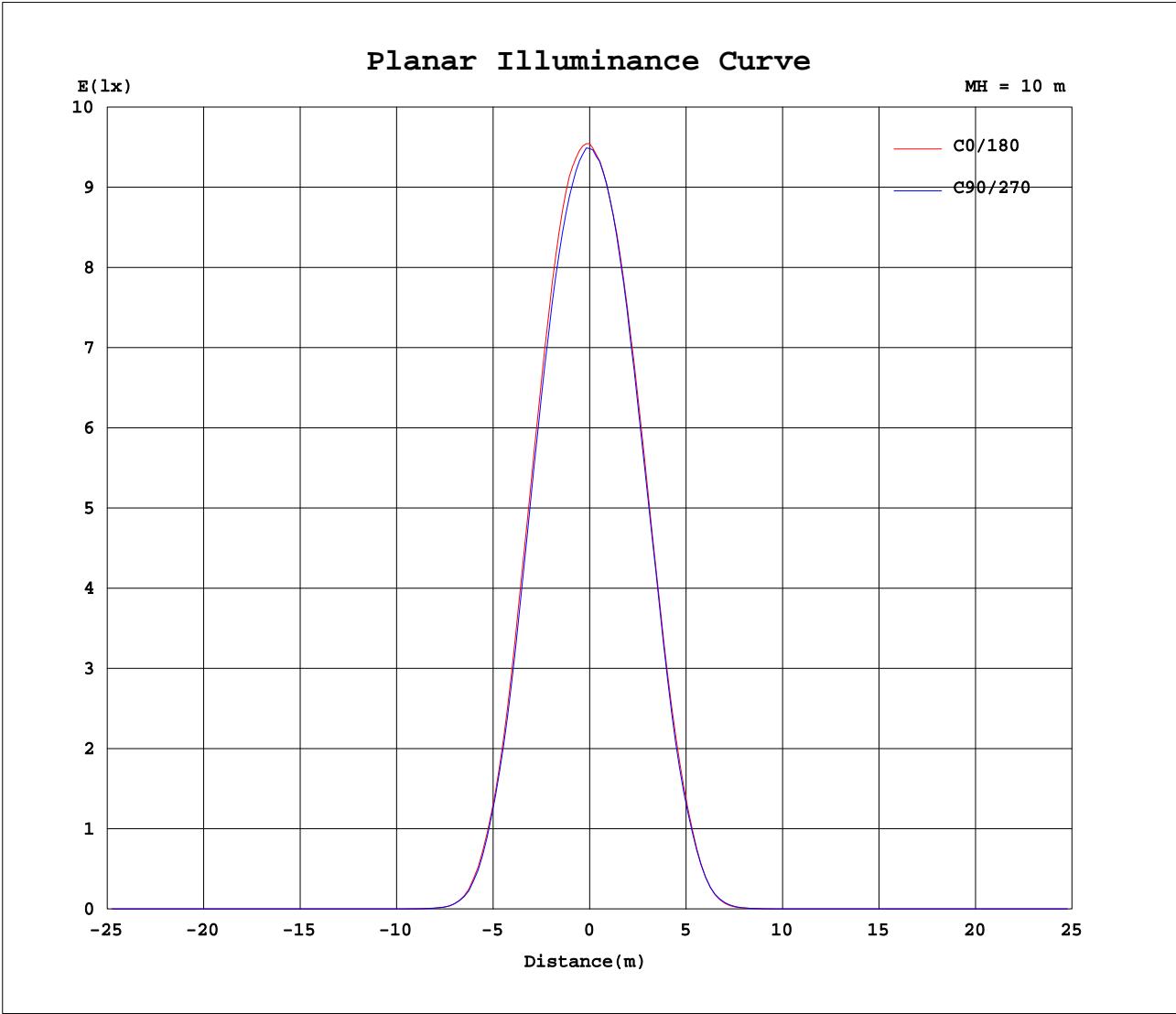
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Planar Illuminance Curve



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## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.7V I:0.0447A P:8.007W PF:0.8125 Lamp Flux:387.388x1 lm		
NAME: FF3-7W-930-40D Black	TYPE:Downlight	SERIAL No.:
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Table--1

UNIT: cd

[illegible]

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:

```

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.7V I:0.0447A P:8.007W PF:0.8125 Lamp Flux:387.388x1 lm		
NAME: FF3-7W-930-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L98mm*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: 2017-06-06

```

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	954.3	952.3	955.7	953.0	951.8	949.8	948.3	947.7	945.3	945.4
3.0	949.7	951.8	957.8	954.2	947.5	941.4	936.7	931.5	923.8	922.6
6.0	928.6	930.3	937.8	931.6	921.3	912.5	902.6	896.2	885.7	881.5
9.0	875.9	880.8	886.3	882.2	870.0	860.3	847.6	840.5	830.1	825.8
12.0	791.5	798.3	799.5	797.3	787.8	781.4	766.7	761.5	749.1	744.9
15.0	683.9	691.2	690.8	688.9	679.8	675.1	662.8	660.3	647.9	645.0
18.0	558.3	564.8	561.6	560.6	549.3	548.6	538.4	535.6	524.2	525.2
21.0	418.6	423.7	417.7	416.9	405.5	407.3	399.2	399.9	391.2	394.0
24.0	280.5	282.5	274.2	276.9	270.4	273.5	268.4	272.5	268.0	271.9
27.0	167.6	168.4	161.1	164.0	160.2	163.8	161.1	167.5	165.5	170.3
30.0	80.90	80.69	73.82	77.41	75.96	77.16	75.07	78.88	78.38	80.13
33.0	28.31	28.32	26.16	27.28	26.88	27.76	26.48	27.93	27.38	28.16
36.0	7.486	7.863	7.329	7.677	7.249	7.679	7.464	7.865	7.715	8.077
39.0	2.216	2.281	2.224	2.412	2.423	2.476	2.456	2.546	2.543	2.575
42.0	0.5760	0.5960	0.6252	0.6288	0.6432	0.6506	0.6377	0.6244	0.6198	0.6004
45.0	0.3285	0.3233	0.3635	0.3561	0.3876	0.3714	0.3744	0.3670	0.3831	0.3561
48.0	0.2408	0.2294	0.2626	0.2600	0.2954	0.2753	0.2845	0.2731	0.2954	0.2666
51.0	0.1860	0.1704	0.2057	0.1966	0.2298	0.2119	0.2276	0.2141	0.2342	0.2076
54.0	0.1488	0.1289	0.1663	0.1508	0.1903	0.1683	0.1860	0.1726	0.1947	0.1661
57.0	0.1182	0.1005	0.1335	0.1202	0.1553	0.1355	0.1537	0.1377	0.1641	0.1333
60.0	0.0963	0.0786	0.1116	0.0961	0.1247	0.1027	0.1269	0.1137	0.1378	0.1092
63.0	0.0766	0.0590	0.0875	0.0765	0.1050	0.0852	0.1051	0.0896	0.1138	0.0896
66.0	0.0635	0.0459	0.0744	0.0612	0.0875	0.0656	0.0875	0.0743	0.0984	0.0677
69.0	0.0547	0.0328	0.0635	0.0437	0.0722	0.0546	0.0744	0.0568	0.0853	0.0612
72.0	0.0438	0.0284	0.0525	0.0371	0.0634	0.0393	0.0634	0.0459	0.0700	0.0437
75.0	0.0372	0.0240	0.0438	0.0284	0.0503	0.0306	0.0547	0.0306	0.0590	0.0371
78.0	0.0306	0.0153	0.0394	0.0262	0.0459	0.0262	0.0416	0.0284	0.0481	0.0284
81.0	0.0241	0.0153	0.0306	0.0153	0.0350	0.0153	0.0350	0.0153	0.0394	0.0218
84.0	0.0153	0.0153	0.0263	0.0153	0.0306	0.0109	0.0285	0.0131	0.0285	0.0131
87.0	0.0153	0.0153	0.0175	0.0153	0.0197	0.0087	0.0176	0.0131	0.0175	0.0131
90.0	0.0153	0.0153	0.0153	0.0153	0.0153	0.0087	0.0153	0.0131	0.0153	0.0131
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	947.8	949.0	954.3	952.3	955.7	953.0	951.8	949.8	948.3	947.7
3.0	928.7	923.7	936.3	931.5	929.1	927.7	929.1	930.9	935.9	937.3
6.0	890.0	884.0	900.7	893.9	887.1	885.1	890.2	892.8	900.0	907.6
9.0	830.4	825.7	846.4	835.7	824.3	823.4	828.2	830.6	840.8	849.2
12.0	747.1	743.4	765.7	751.2	740.5	737.2	742.0	744.6	757.0	763.9
15.0	645.3	642.6	666.2	649.0	637.3	632.2	638.6	640.1	654.3	658.5
18.0	524.5	521.8	544.2	530.3	521.5	514.3	520.7	524.1	537.4	539.8
21.0	390.8	391.9	412.1	400.1	392.7	386.2	392.2	392.6	404.7	404.7
24.0	265.8	269.7	285.4	275.7	272.0	267.1	269.6	266.9	273.7	272.8
27.0	163.2	167.5	176.5	171.1	173.1	169.0	170.9	167.0	169.6	167.0
30.0	75.12	80.08	86.50	83.09	86.03	84.53	87.17	83.84	85.34	84.17
33.0	26.51	28.06	30.74	29.39	31.54	30.98	32.73	30.87	31.46	30.91
36.0	7.191	7.672	8.185	8.049	9.492	9.303	9.888	9.306	9.774	9.150
39.0	2.394	2.458	2.498	2.447	2.845	2.938	3.065	2.791	2.810	2.660
42.0	0.5927	0.5654	0.5736	0.5927	0.6151	0.6380	0.6674	0.6774	0.7520	0.6921
45.0	0.3569	0.3190	0.3123	0.3306	0.3276	0.3546	0.3494	0.3721	0.3538	0.3765
48.0	0.2736	0.2360	0.2272	0.2473	0.2380	0.2648	0.2577	0.2800	0.2577	0.2801
51.0	0.2145	0.1813	0.1748	0.1948	0.1813	0.2122	0.1943	0.2210	0.2009	0.2167
54.0	0.1751	0.1421	0.1333	0.1575	0.1420	0.1707	0.1529	0.1751	0.1551	0.1750
57.0	0.1466	0.1136	0.1049	0.1269	0.1136	0.1400	0.1202	0.1444	0.1202	0.1422
60.0	0.1225	0.0896	0.0830	0.1072	0.0896	0.1116	0.0940	0.1181	0.0896	0.1181
63.0	0.1050	0.0743	0.0656	0.0853	0.0699	0.0963	0.0764	0.0985	0.0721	0.0962
66.0	0.0875	0.0612	0.0589	0.0744	0.0590	0.0831	0.0612	0.0831	0.0590	0.0831
69.0	0.0744	0.0481	0.0393	0.0634	0.0459	0.0700	0.0459	0.0700	0.0437	0.0700
72.0	0.0613	0.0350	0.0327	0.0525	0.0350	0.0612	0.0372	0.0612	0.0328	0.0591
75.0	0.0503	0.0284	0.0284	0.0460	0.0284	0.0503	0.0306	0.0503	0.0284	0.0460
78.0	0.0438	0.0218	0.0109	0.0372	0.0306	0.0459	0.0284	0.0437	0.0262	0.0372
81.0	0.0350	0.0153	0.0109	0.0306	0.0153	0.0350	0.0153	0.0350	0.0131	0.0306
84.0	0.0306	0.0153	0.0109	0.0241	0.0087	0.0285	0.0087	0.0263	0.0087	0.0262
87.0	0.0197	0.0153	0.0109	0.0197	0.0087	0.0176	0.0087	0.0175	0.0087	0.0153
90.0	0.0153	0.0153	0.0109	0.0109	0.0087	0.0087	0.0087	0.0087	0.0087	0.0087
G/C	300.0	315.0	330.0	345.0						
0.0	945.3	945.4	947.8	949.0						
3.0	941.8	944.2	943.3	947.1						
6.0	917.8	922.4	922.4	926.7						
9.0	863.9	872.6	870.0	876.6						
12.0	780.1	787.5	787.0	790.5						
15.0	672.8	677.1	680.6	681.3						
18.0	550.8	553.5	559.0	555.8						
21.0	414.8	415.6	421.9	417.3						

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

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	281.5	279.7	285.2	278.5
27.0	171.0	167.5	172.8	166.4
30.0	86.99	82.39	85.72	81.96
33.0	32.00	29.45	31.17	29.42
36.0	9.271	8.615	9.131	8.163
39.0	2.773	2.488	2.466	2.222
42.0	0.7154	0.6605	0.6413	0.6074
45.0	0.3603	0.3656	0.3275	0.3371
48.0	0.2577	0.2670	0.2315	0.2429
51.0	0.1966	0.2079	0.1725	0.1860
54.0	0.1486	0.1619	0.1311	0.1466
57.0	0.1180	0.1313	0.1005	0.1203
60.0	0.0939	0.1094	0.0786	0.0963
63.0	0.0721	0.0919	0.0634	0.0788
66.0	0.0612	0.0744	0.0481	0.0591
69.0	0.0459	0.0634	0.0349	0.0503
72.0	0.0371	0.0525	0.0306	0.0416
75.0	0.0284	0.0438	0.0262	0.0350
78.0	0.0218	0.0372	0.0131	0.0306
81.0	0.0109	0.0306	0.0087	0.0241
84.0	0.0066	0.0241	0.0087	0.0197
87.0	0.0066	0.0153	0.0087	0.0175
90.0	0.0066	0.0087	0.0087	0.0087

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

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: