
LED Downlight FUSION Series LE-FF2-4W-930-40D
Black

Light Output Ratio:	100.0%	
Luminaire Power:	5.518 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: 2017-06-06

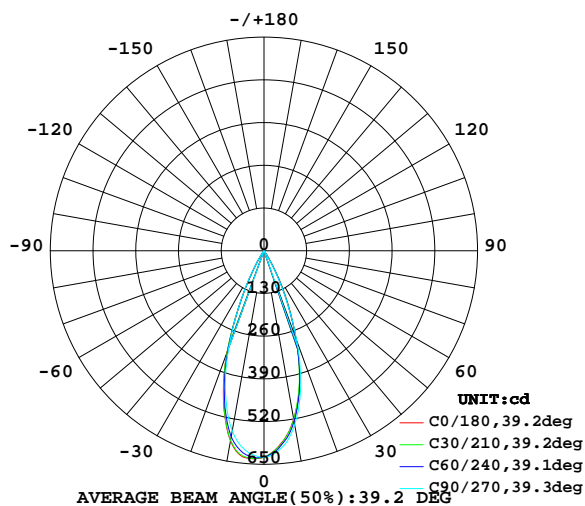
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

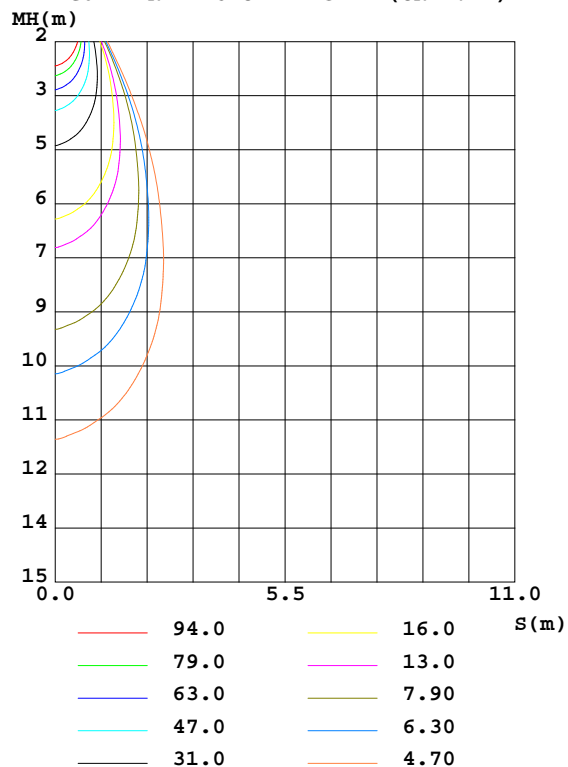
Test:U:220.7V I:0.0321A P:5.518W PF:0.7784 Lamp Flux:260.505x1 lm		
NAME: FF2-4W-930-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L70mm*W45mm*H60mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 47.21 lm/W			
MODEL	CREE-3000K	I _{max} (cd)	634.3	S/MH(C0/180)	0.62
NOMINAL POWER(W)	6.0	LOR(%)	100.0	S/MH(C90/270)	0.62
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	260.51	η UP,DN(C0-180)	0.0,48.9
NOMINAL FLUX(lm)	260.505	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,51.1
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:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	520.8	525.2	538.0	566.3	587.7	579.2	556.6	535.2	0- 10	56.40	56.40	21.6,21.6
20	287.5	287.4	292.7	310.1	329.4	320.7	314.5	299.3	10- 20	120.6	177.0	67.9,67.9
30	59.80	55.84	49.22	50.36	56.31	53.54	59.25	62.45	20- 30	74.06	251.1	96.4,96.4
40	1.510	1.434	1.216	0.9128	1.040	0.9311	1.233	1.445	30- 40	9.075	260.1	99.9,99.9
50	0.1446	0.1267	0.1467	0.1005	0.0807	0.1051	0.0938	0.1313	40- 50	0.2504	260.4	100,100
60	0.0612	0.0415	0.0635	0.0306	0.0175	0.0459	0.0284	0.0569	50- 60	0.0636	260.5	100,100
70	0.0328	0.0153	0.0328	0.0087	0.0044	0.0241	0.0044	0.0306	60- 70	0.0292	260.5	100,100
80	0.0109	0.0087	0.0153	0.0087	0.0044	0.0131	0.0044	0.0175	70- 80	0.0146	260.5	100,100
90	0.0066	0.0087	0.0087	0.0087	0.0044	0.0044	0.0044	0.0066	80- 90	0.0092	260.5	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	32	48
80	20	28
75	27	30
70	30	30
65	35	35
60	39	40
55	50	50
50	71	72
45	123	117

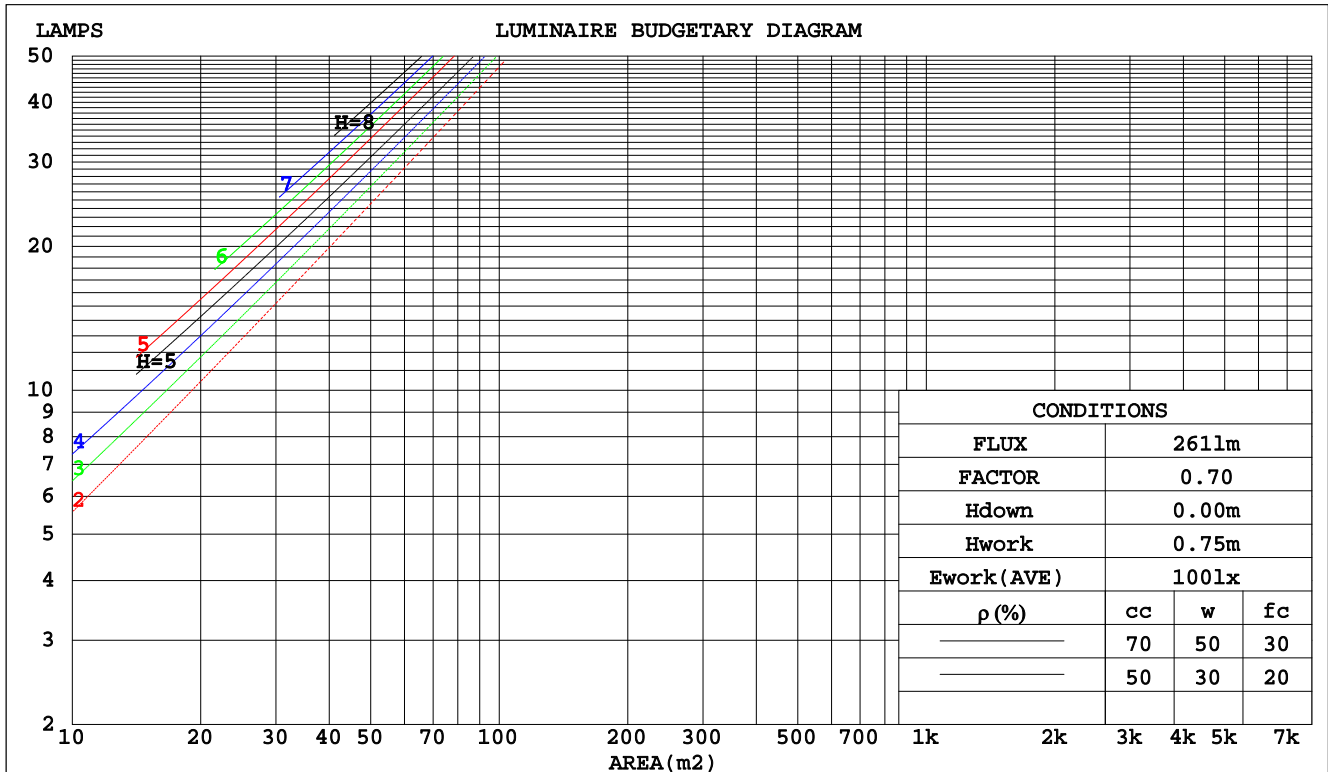
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2017-06-06

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.7V I:0.0321A P:5.518W PF:0.7784 Lamp Flux:260.505x1 lm		
NAME: FF2-4W-930-40D 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	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	.99	1.02	.99	.97	.99	.97	.95	.96	.95	.93	.92
3.0	1.01	.97	.94	1.00	.96	.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	.87	.84	.90	.86	.84	.88	.85	.83	.87	.84	.82	.81
6.0	.89	.84	.81	.88	.84	.80	.87	.83	.80	.85	.82	.79	.84	.81	.79	.78
7.0	.85	.81	.77	.85	.80	.77	.83	.80	.77	.82	.79	.76	.81	.78	.76	.75
8.0	.82	.77	.74	.81	.77	.74	.80	.76	.74	.79	.76	.73	.79	.75	.73	.72
9.0	.79	.74	.71	.78	.74	.71	.78	.74	.71	.77	.73	.71	.76	.73	.70	.69
10.0	.76	.71	.68	.76	.71	.68	.75	.71	.68	.74	.71	.68	.74	.70	.68	.67



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:

WEC AND CCEC

Test:U:220.7V I:0.0321A P:5.518W PF:0.7784 Lamp Flux:260.505x1 lm		
NAME: FF2-4W-930-40D 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	.083	.026	.140	.080	.025	.128	.073	.023	.116	.067	.022	.106	.061	.020		
2.0	.137	.075	.023	.132	.073	.022	.121	.067	.021	.112	.063	.020	.103	.058	.018		
3.0	.129	.069	.021	.124	.067	.020	.116	.063	.019	.108	.059	.018	.100	.055	.017		
4.0	.122	.063	.019	.118	.062	.018	.110	.059	.017	.104	.056	.017	.097	.053	.016		
5.0	.115	.059	.017	.112	.058	.017	.106	.055	.016	.100	.053	.016	.094	.050	.015		
6.0	.110	.055	.016	.107	.054	.016	.101	.052	.015	.096	.050	.015	.092	.048	.014		
7.0	.105	.052	.015	.102	.051	.015	.098	.049	.014	.093	.048	.014	.089	.046	.014		
8.0	.101	.049	.014	.098	.048	.014	.094	.047	.013	.090	.046	.013	.086	.044	.013		
9.0	.097	.047	.013	.095	.046	.013	.091	.045	.013	.087	.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	.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	.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	.053	.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	.009	.006	.004	

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:

UGR(Unified Glare Rating) Table

Test:U:220.7V I:0.0321A P:5.518W PF:0.7784 Lamp Flux:260.505x1 lm										
NAME: FF2-4W-930-40D 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	3.0	3.8	3.2	3.9	4.1	2.1	2.9	2.3	3.0	3.2
3H	2.9	3.5	3.1	3.7	3.9	2.0	2.7	2.2	2.8	3.0
4H	2.8	3.4	3.1	3.6	3.9	1.9	2.5	2.2	2.8	3.0
6H	2.7	3.3	3.0	3.5	3.8	1.8	2.4	2.1	2.7	2.9
8H	2.7	3.2	3.0	3.5	3.7	1.8	2.4	2.1	2.6	2.9
12H	2.6	3.2	2.9	3.4	3.7	1.7	2.3	2.0	2.6	2.8
4H 2H	2.8	3.4	3.1	3.6	3.9	1.9	2.5	2.2	2.8	3.0
3H	2.6	3.2	2.9	3.4	3.7	1.7	2.3	2.0	2.5	2.8
4H	2.5	3.0	2.9	3.3	3.6	1.6	2.1	2.0	2.4	2.7
6H	2.4	2.9	2.8	3.2	3.5	1.5	2.0	1.9	2.3	2.7
8H	2.4	2.8	2.8	3.1	3.5	1.5	1.9	1.9	2.2	2.6
12H	2.3	2.7	2.7	3.1	3.5	1.4	1.8	1.8	2.2	2.6
8H 4H	2.4	2.8	2.8	3.1	3.5	1.5	1.9	1.9	2.2	2.6
6H	2.3	2.6	2.7	3.0	3.4	1.4	1.7	1.8	2.1	2.5
8H	2.2	2.5	2.6	2.9	3.4	1.3	1.6	1.8	2.0	2.5
12H	2.1	2.4	2.6	2.8	3.3	1.3	1.5	1.7	2.0	2.4
12H 4H	2.3	2.7	2.7	3.1	3.5	1.4	1.8	1.8	2.2	2.6
6H	2.2	2.5	2.6	2.9	3.4	1.3	1.6	1.8	2.0	2.5
8H	2.1	2.4	2.6	2.8	3.3	1.3	1.5	1.7	2.0	2.4
Variations with the observer position at spacings:										
S = 1.0H	+ 5.3 / -12.9					+ 4.8 / -10.6				
1.5H	+ 8.0 / -11.8					+ 7.5 / - 9.5				
2.0H	+ 3.9 / - 2.8					+ 3.5 / - 2.3				

CIE Pub.117 Corrected 260.5 lm Total Lamp Luminous Flux.(8log(F/F0) = -4.7)

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:

UTILIZATION FACTORS TABLE

Test:U:220.7V I:0.0321A P:5.518W PF:0.7784 Lamp Flux:260.505x1 lm		
NAME: FF2-4W-930-40D 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	90	86
1.00	102	97	94	101	97	94	100	96	93	90
1.25	105	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:2017-06-06

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:

ISOCANDELA DIAGRAM

Test:U:220.7V I:0.0321A P:5.518W PF:0.7784 Lamp Flux:260.505x1 lm		
NAME: FF2-4W-930-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L70mm*W45mm*H60mm	
MFR.:		

Conical surface Flux(90deg):

260.32 lm

%lum = 99.9%

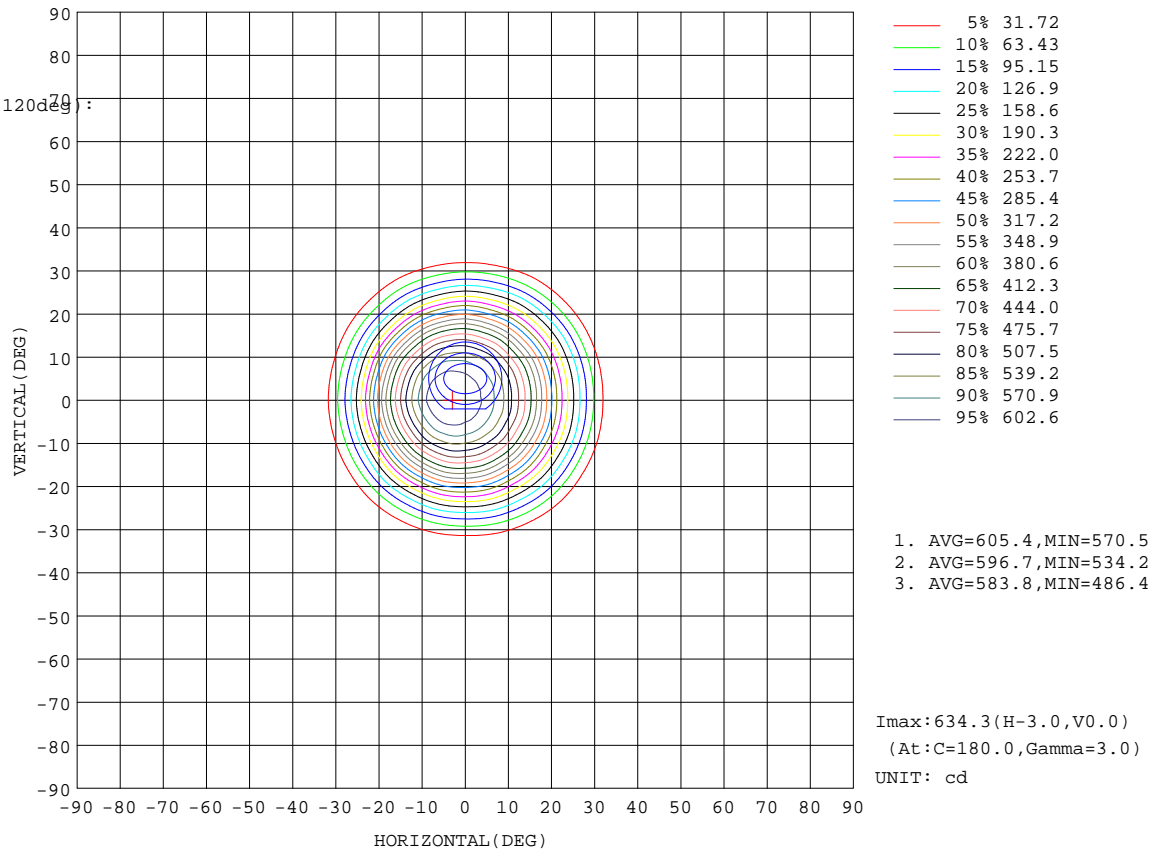
%lamp = 99.9%

Conical surface Flux(120deg):

260.45 lm

%lum = 100.0%

%lamp = 100.0%

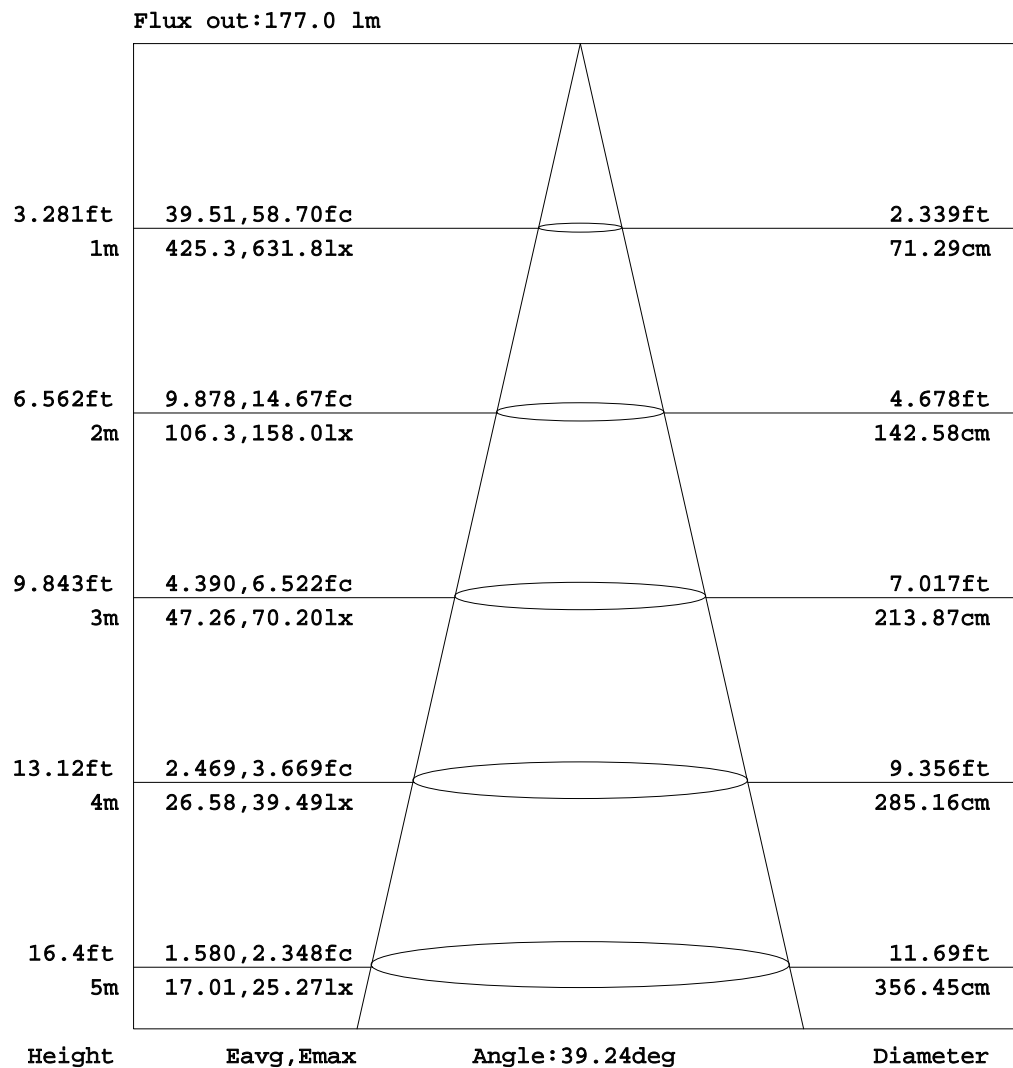


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-06-06

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:

AAI Figure

Test:U:220.7V I:0.0321A P:5.518W PF:0.7784 Lamp Flux:260.505x1 lm		
NAME: FF2-4W-930-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L70mm*W45mm*H60mm	
MFR.:		



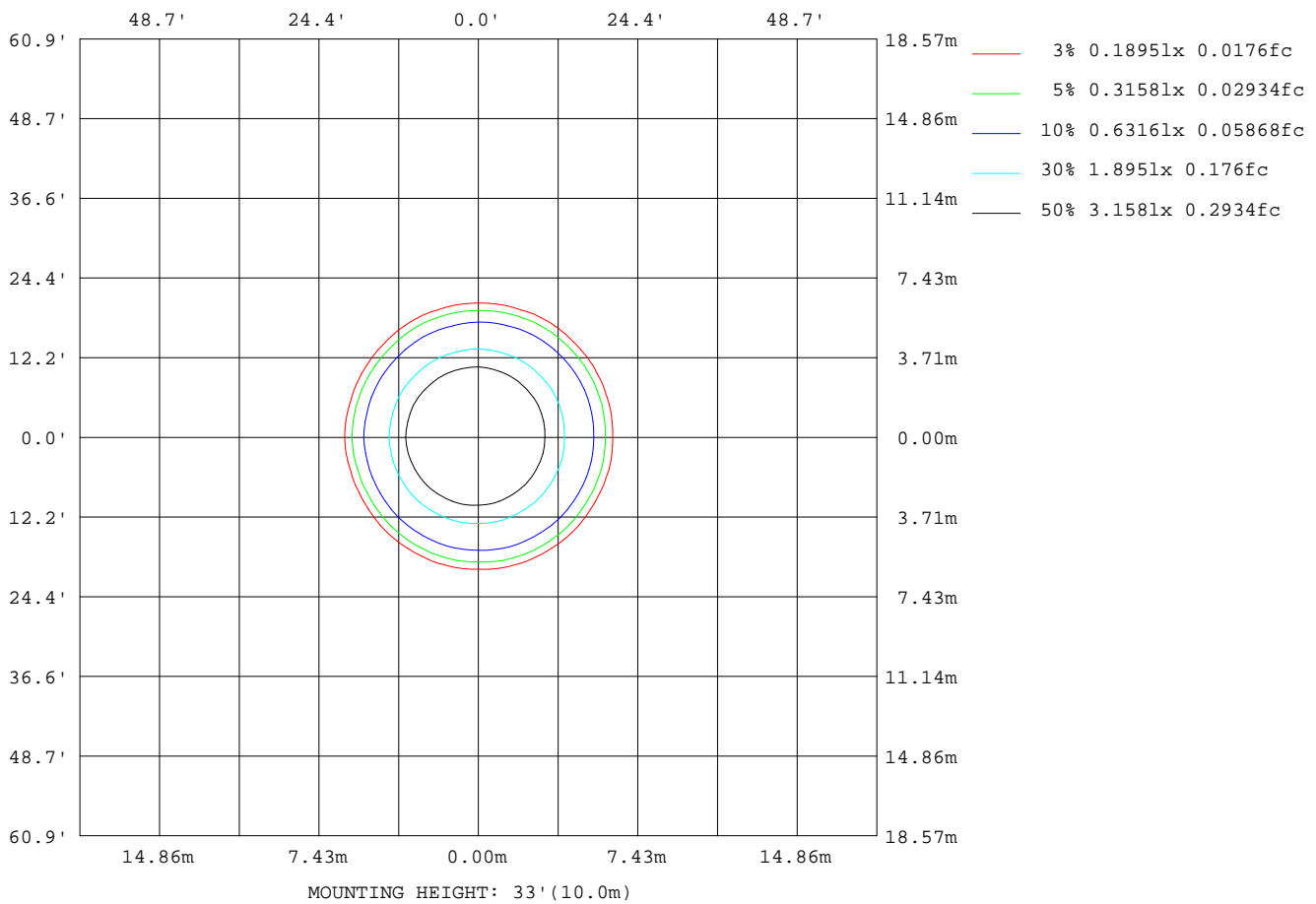
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: 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:

ISOLUX DIAGRAM

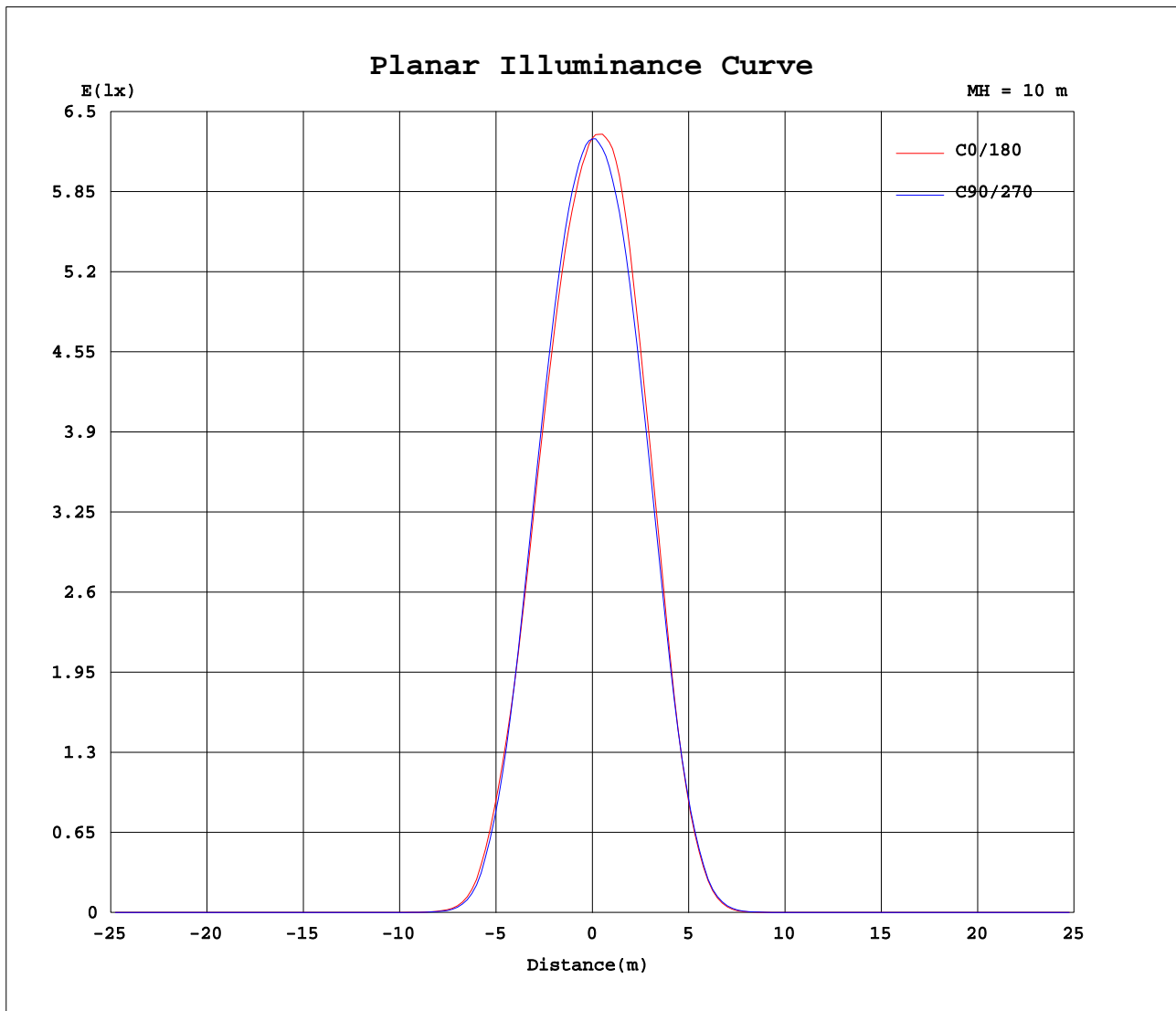
Test:U:220.7V I:0.0321A P:5.518W PF:0.7784 Lamp Flux:260.505x1 lm		
NAME: FF2-4W-930-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L70mm*W45mm*H60mm	
MFR.:		



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators: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:

Planar Illuminance Curve



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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.7V I:0.0321A P:5.518W PF:0.7784 Lamp Flux:260.505x1 lm		
NAME: FF2-4W-930-40D 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: 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	628.5	628.4	628.3	628.2	628.0	628.0	627.9	627.5	627.8	627.1
3.0	609.0	609.8	609.9	612.1	613.2	616.6	618.1	622.4	625.5	627.2
6.0	578.9	579.9	580.0	582.7	584.7	590.1	594.6	601.8	607.8	614.8
9.0	537.8	539.6	539.0	543.5	544.9	550.9	555.1	565.8	572.3	582.7
12.0	482.9	484.1	481.5	487.1	489.0	496.1	500.1	510.8	517.1	526.9
15.0	418.4	419.1	415.8	420.5	420.9	428.4	431.6	441.3	445.7	454.9
18.0	341.0	342.7	339.6	342.1	341.5	348.9	351.6	360.2	363.1	373.0
21.0	259.6	260.9	257.5	260.0	257.0	262.7	262.4	269.1	269.8	278.2
24.0	184.9	185.5	181.3	182.3	177.8	179.9	176.9	180.1	179.8	184.8
27.0	118.3	118.5	115.0	114.7	110.1	110.0	105.9	106.8	105.1	107.6
30.0	59.80	58.20	56.31	55.84	55.05	53.21	49.22	50.59	49.63	50.36
33.0	21.59	21.38	20.03	20.17	19.44	19.06	17.61	17.96	17.33	17.43
36.0	6.704	6.811	6.269	6.259	5.606	5.458	5.009	5.008	4.603	4.609
39.0	2.164	2.202	2.031	1.974	1.863	1.745	1.617	1.531	1.370	1.282
42.0	0.5037	0.5021	0.5015	0.4694	0.4655	0.4650	0.4608	0.4148	0.4150	0.3755
45.0	0.2738	0.2642	0.2825	0.2490	0.2672	0.2555	0.2606	0.2293	0.2475	0.2075
48.0	0.1839	0.1682	0.1883	0.1638	0.1817	0.1660	0.1773	0.1485	0.1664	0.1354
51.0	0.1270	0.1114	0.1401	0.1114	0.1314	0.1136	0.1314	0.0983	0.1226	0.0895
54.0	0.0963	0.0765	0.0986	0.0765	0.1007	0.0808	0.1007	0.0699	0.0941	0.0634
57.0	0.0788	0.0590	0.0788	0.0590	0.0810	0.0611	0.0788	0.0524	0.0701	0.0458
60.0	0.0612	0.0371	0.0613	0.0415	0.0635	0.0437	0.0635	0.0393	0.0569	0.0306
63.0	0.0482	0.0284	0.0525	0.0306	0.0525	0.0306	0.0525	0.0284	0.0503	0.0284
66.0	0.0394	0.0218	0.0394	0.0262	0.0416	0.0284	0.0416	0.0240	0.0394	0.0153
69.0	0.0350	0.0087	0.0372	0.0153	0.0372	0.0153	0.0372	0.0109	0.0350	0.0087
72.0	0.0284	0.0066	0.0285	0.0109	0.0306	0.0087	0.0306	0.0087	0.0263	0.0087
75.0	0.0219	0.0066	0.0241	0.0087	0.0263	0.0066	0.0241	0.0087	0.0219	0.0087
78.0	0.0132	0.0066	0.0175	0.0087	0.0241	0.0066	0.0197	0.0087	0.0175	0.0087
81.0	0.0088	0.0066	0.0175	0.0087	0.0197	0.0066	0.0153	0.0087	0.0175	0.0087
84.0	0.0087	0.0066	0.0153	0.0087	0.0131	0.0066	0.0131	0.0087	0.0131	0.0087
87.0	0.0066	0.0066	0.0131	0.0087	0.0131	0.0066	0.0110	0.0087	0.0110	0.0087
90.0	0.0066	0.0066	0.0087	0.0087	0.0087	0.0087	0.0087	0.0087	0.0087	0.0087
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	627.3	626.7	628.5	628.4	628.3	628.2	628.0	628.0	627.9	627.5
3.0	629.4	631.3	634.3	633.5	633.1	631.0	629.1	625.6	622.5	618.2
6.0	620.2	624.7	630.1	629.1	627.8	622.4	617.9	610.0	604.3	597.7
9.0	588.1	595.4	602.8	601.7	600.4	594.4	588.9	578.7	571.9	563.2
12.0	531.7	540.0	548.4	546.7	547.2	539.8	536.4	526.3	520.1	510.7
15.0	458.9	468.2	476.1	473.2	474.1	467.3	465.5	458.0	453.1	443.9
18.0	376.9	386.1	393.1	390.0	392.7	384.1	382.0	376.1	373.9	364.6
21.0	281.1	287.7	294.7	290.9	295.0	287.5	287.5	282.0	283.5	275.4
24.0	183.6	188.3	194.7	191.0	194.7	190.2	192.3	189.3	193.3	190.2
27.0	106.2	108.9	114.1	111.6	112.8	111.6	114.2	113.4	117.6	118.6
30.0	48.38	51.31	56.31	55.28	54.14	53.54	57.62	57.69	59.25	60.37
33.0	17.14	18.04	19.96	19.07	19.89	19.41	21.31	20.90	21.97	21.55
36.0	4.400	4.621	5.064	4.896	5.371	5.216	5.803	5.778	6.616	6.294
39.0	1.222	1.300	1.410	1.352	1.371	1.355	1.481	1.538	1.715	1.769
42.0	0.3602	0.3318	0.3447	0.3649	0.3513	0.3605	0.3556	0.3881	0.4424	0.4151
45.0	0.2103	0.1769	0.1812	0.2015	0.1834	0.1993	0.1812	0.2102	0.1943	0.2190
48.0	0.1401	0.1113	0.1113	0.1335	0.1092	0.1313	0.1135	0.1379	0.1201	0.1466
51.0	0.0986	0.0720	0.0677	0.0963	0.0742	0.0963	0.0742	0.1007	0.0786	0.1072
54.0	0.0766	0.0459	0.0458	0.0679	0.0459	0.0700	0.0481	0.0766	0.0611	0.0788
57.0	0.0569	0.0306	0.0262	0.0482	0.0306	0.0547	0.0328	0.0591	0.0393	0.0613
60.0	0.0481	0.0240	0.0175	0.0394	0.0284	0.0459	0.0284	0.0503	0.0284	0.0525
63.0	0.0394	0.0087	0.0087	0.0328	0.0109	0.0350	0.0218	0.0394	0.0240	0.0437
66.0	0.0306	0.0044	0.0044	0.0262	0.0087	0.0306	0.0130	0.0328	0.0131	0.0393
69.0	0.0284	0.0044	0.0044	0.0197	0.0044	0.0262	0.0044	0.0306	0.0044	0.0306
72.0	0.0197	0.0044	0.0044	0.0197	0.0044	0.0219	0.0044	0.0241	0.0044	0.0262
75.0	0.0197	0.0044	0.0044	0.0175	0.0044	0.0197	0.0044	0.0197	0.0044	0.0197
78.0	0.0153	0.0044	0.0044	0.0110	0.0044	0.0175	0.0044	0.0153	0.0044	0.0175
81.0	0.0131	0.0044	0.0044	0.0087	0.0044	0.0131	0.0044	0.0153	0.0044	0.0153
84.0	0.0131	0.0044	0.0044	0.0066	0.0044	0.0088	0.0044	0.0109	0.0044	0.0109
87.0	0.0109	0.0044	0.0044	0.0066	0.0044	0.0087	0.0044	0.0087	0.0044	0.0087
90.0	0.0087	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044
G/C	300.0	315.0	330.0	345.0						
0.0	627.8	627.1	627.3	626.7						
3.0	616.9	612.9	610.8	608.1						
6.0	593.1	588.2	584.7	580.6						
9.0	559.0	552.0	547.0	541.1						
12.0	507.0	497.8	493.7	487.0						
15.0	441.0	432.2	429.2	422.6						
18.0	361.6	355.0	354.0	346.8						
21.0	276.1	270.9	270.9	264.2						

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	193.7	191.2	192.5	187.9
27.0	123.6	122.2	124.0	121.8
30.0	62.15	62.45	62.66	61.81
33.0	23.29	22.54	23.30	22.47
36.0	6.908	6.957	7.475	7.003
39.0	2.062	2.063	2.174	2.181
42.0	0.4254	0.4595	0.4908	0.4990
45.0	0.2074	0.2409	0.2358	0.2650
48.0	0.1288	0.1598	0.1463	0.1751
51.0	0.0873	0.1160	0.0982	0.1248
54.0	0.0612	0.0875	0.0699	0.0941
57.0	0.0437	0.0700	0.0502	0.0744
60.0	0.0328	0.0569	0.0371	0.0591
63.0	0.0262	0.0481	0.0284	0.0460
66.0	0.0218	0.0416	0.0261	0.0372
69.0	0.0109	0.0328	0.0131	0.0328
72.0	0.0044	0.0306	0.0087	0.0241
75.0	0.0044	0.0262	0.0044	0.0219
78.0	0.0044	0.0175	0.0044	0.0175
81.0	0.0044	0.0153	0.0044	0.0132
84.0	0.0044	0.0110	0.0044	0.0131
87.0	0.0044	0.0087	0.0044	0.0109
90.0	0.0044	0.0066	0.0044	0.0066

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: