
LED Downlight FUSION Series LE-
FS1-2W-940-30D



Light Output Ratio:	100.0%	
Luminaire Power:	2.955 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.50	fine grid method.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-05-17

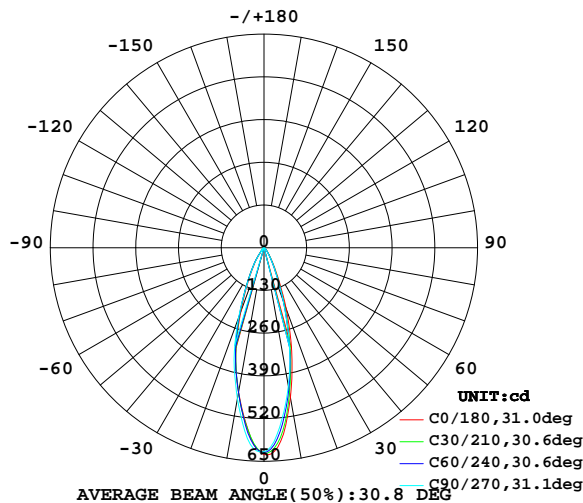
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

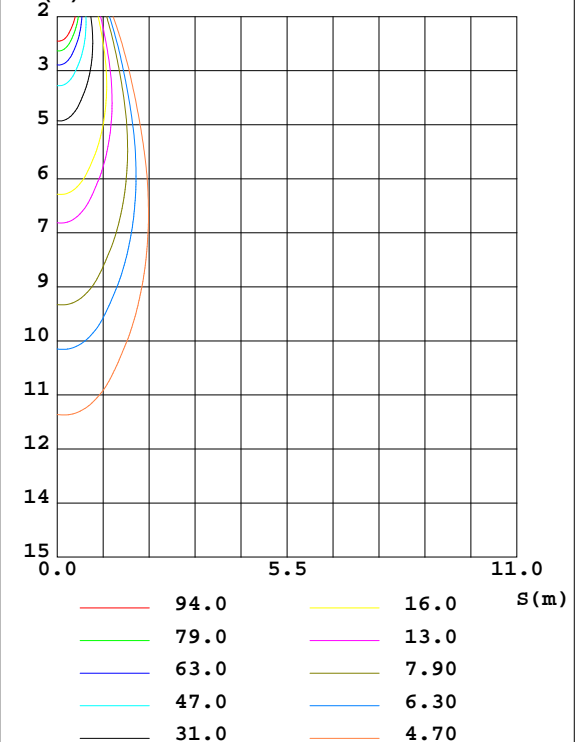
Test:U:220.8V I:0.0191A P:2.955W PF:0.6993 Lamp Flux:224.073x1 lm		
NAME: FS1-2W-940-30D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L70mm*W45mm*H60mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 75.83 lm/W			
MODEL	CREE-4000K	I _{max} (cd)	630.6	S/MH(C0/180)	0.52
NOMINAL POWER(W)	3.0	LOR(%)	100.0	S/MH(C90/270)	0.55
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	224.07	η UP,DN(C0-180)	0.0,47.0
NOMINAL FLUX(lm)	224.073	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,53.0
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	0.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



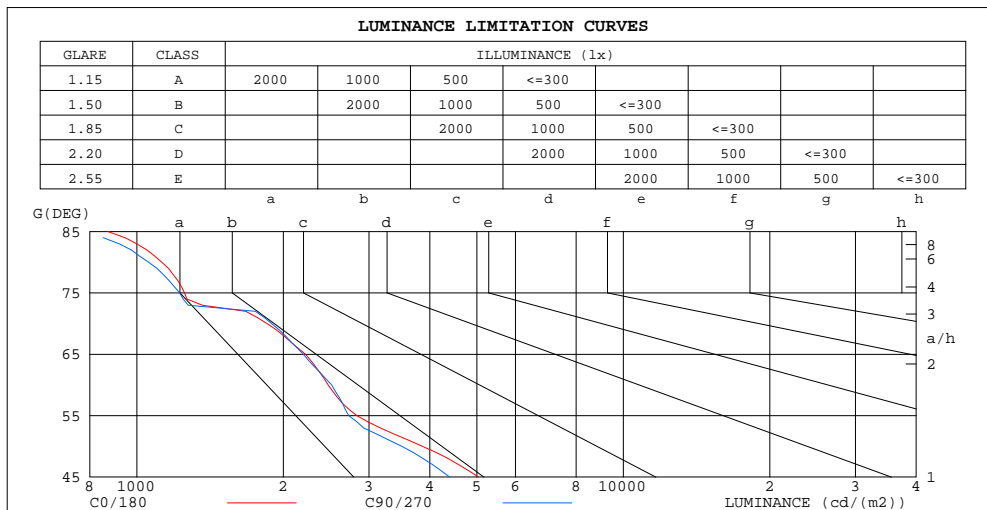
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-05-17

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	463.0	444.5	427.4	423.2	446.5	441.8	466.9	475.4	0- 10	50.16	50.16	22.4,22.4
20	198.7	174.2	171.8	173.9	207.5	215.3	227.4	208.3	10- 20	87.30	137.5	61.3,61.3
30	53.64	48.26	47.27	50.94	64.21	70.57	67.88	58.60	20- 30	50.41	187.9	83.8,83.8
40	16.69	15.76	14.08	13.14	14.03	14.83	1.588	15.85	30- 40	19.27	207.1	92.4,92.4
50	7.830	7.498	7.102	6.909	6.991	3.037	7.536	7.886	40- 50	7.983	215.1	96,96
60	3.894	3.848	3.959	3.632	3.616	3.648	3.905	3.830	50- 60	4.610	219.7	98.1,98.1
70	1.996	2.008	2.040	1.875	1.964	1.989	2.051	1.965	60- 70	2.802	222.5	99.3,99.3
80	0.6153	0.5809	0.5781	0.5853	0.6638	0.7024	0.6791	0.6566	70- 80	1.236	223.8	99.9,99.9
90	0.0087	0.0087	0.0087	0	0.0131	0.0350	0.0241	0.0087	80- 90	0.3061	224.1	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	871	783
80	1125	1057
75	1254	1224
70	1853	1893
65	2221	2199
60	2472	2514
55	2835	2727
50	3867	3507
45	5041	4399

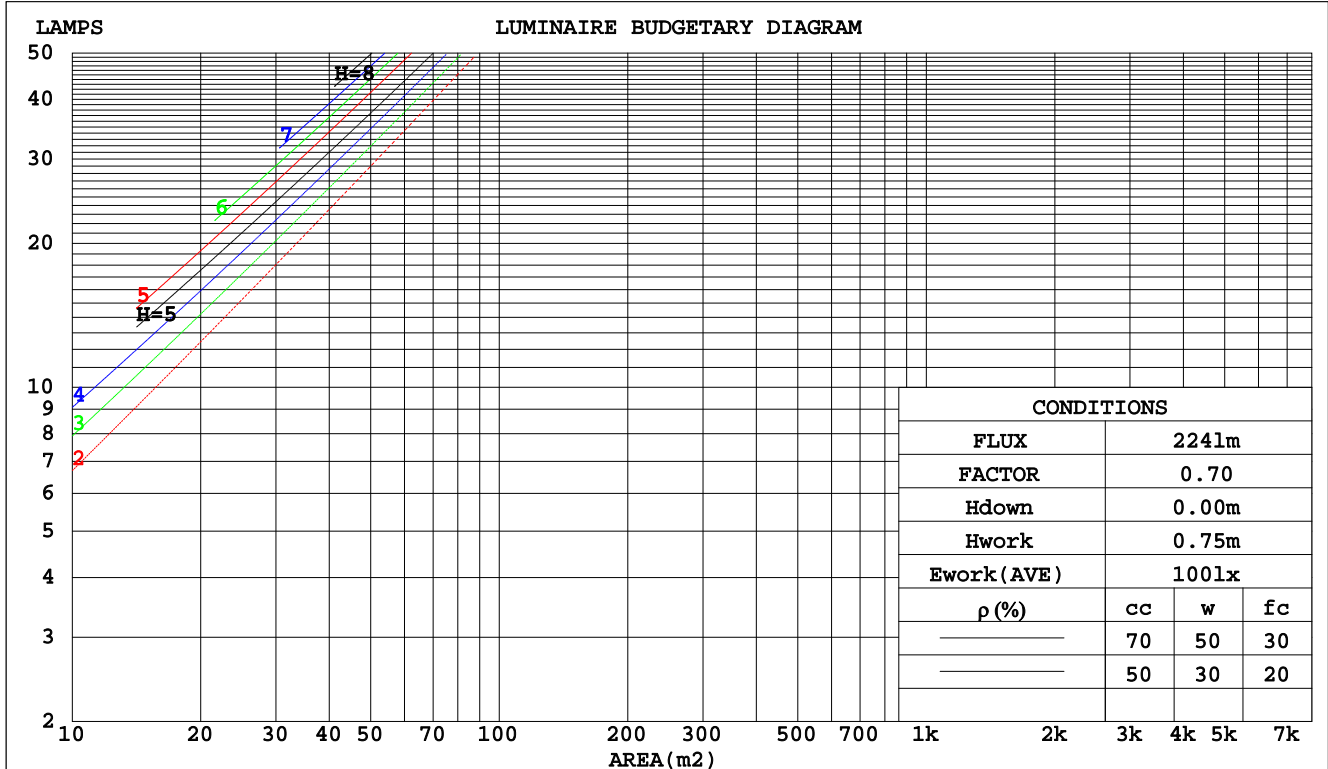
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2017-05-17

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:220.8V I:0.0191A P:2.955W PF:0.6993 Lamp Flux:224.073x1 lm		
NAME: FSL-2W-940-30D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	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															



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-05-17

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:220.8V I:0.0191A P:2.955W PF:0.6993 Lamp Flux:224.073x1 lm		
NAME: FSL-2W-940-30D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	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	.164	.093	.030	.157	.090	.028	.145	.083	.027	.133	.077	.025	.123	.071	.023		
2.0	.154	.085	.026	.149	.082	.025	.138	.077	.024	.129	.072	.023	.120	.068	.021		
3.0	.145	.077	.023	.140	.075	.023	.131	.071	.022	.123	.068	.021	.116	.064	.020		
4.0	.137	.071	.021	.133	.069	.021	.125	.066	.020	.118	.063	.019	.111	.061	.018		
5.0	.129	.066	.019	.126	.064	.019	.119	.062	.018	.113	.060	.018	.107	.057	.017		
6.0	.122	.061	.018	.119	.060	.017	.114	.058	.017	.108	.056	.017	.103	.054	.016		
7.0	.116	.057	.016	.114	.057	.016	.109	.055	.016	.104	.053	.015	.099	.052	.015		
8.0	.111	.054	.015	.108	.053	.015	.104	.052	.015	.100	.051	.015	.096	.049	.014		
9.0	.106	.051	.014	.104	.050	.014	.100	.049	.014	.096	.048	.014	.093	.047	.014		
10.0	.101	.048	.013	.099	.048	.013	.096	.047	.013	.092	.046	.013	.089	.045	.013		

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	.170	.157	.146	.146	.135	.126	.100	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.154	.133	.115	.132	.114	.099	.090	.079	.069	.052	.046	.041	.017	.015	.013	
3.0	.140	.113	.092	.120	.098	.080	.083	.068	.056	.048	.040	.033	.015	.013	.011	
4.0	.129	.098	.075	.111	.085	.065	.076	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.120	.087	.062	.103	.075	.054	.071	.052	.038	.041	.031	.023	.013	.010	.007	
6.0	.111	.077	.052	.096	.067	.046	.066	.047	.032	.038	.027	.019	.012	.009	.006	
7.0	.104	.069	.044	.090	.060	.039	.062	.042	.027	.036	.025	.016	.012	.008	.005	
8.0	.098	.063	.038	.084	.054	.033	.058	.038	.024	.034	.022	.014	.011	.007	.005	
9.0	.093	.057	.033	.080	.050	.029	.055	.035	.021	.032	.021	.012	.010	.007	.004	
10.0	.088	.053	.029	.076	.046	.025	.052	.032	.018	.031	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-05-17

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:220.8V I:0.0191A P:2.955W PF:0.6993 Lamp Flux:224.073x1 lm										
NAME: FS1-2W-940-30D					TYPE:Downlight			SERIAL No.:		
SPEC.:4000K					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	11.5	12.3	11.7	12.5	12.7	11.2	12.0	11.4	12.2	12.4
3H	12.0	12.8	12.3	13.0	13.2	11.8	12.6	12.1	12.8	13.0
4H	12.1	12.8	12.4	13.0	13.3	11.9	12.6	12.2	12.8	13.1
6H	12.2	12.8	12.5	13.1	13.3	12.0	12.6	12.3	12.9	13.1
8H	12.2	12.8	12.5	13.1	13.3	12.0	12.6	12.3	12.9	13.1
12H	12.2	12.8	12.5	13.0	13.3	12.0	12.6	12.3	12.8	13.1
4H 2H	11.7	12.4	11.9	12.6	12.8	11.4	12.1	11.7	12.3	12.6
3H	12.3	12.9	12.6	13.2	13.4	12.1	12.8	12.5	13.0	13.3
4H	12.4	13.0	12.7	13.3	13.6	12.3	12.8	12.6	13.1	13.4
6H	12.5	13.0	12.9	13.4	13.7	12.4	12.9	12.7	13.2	13.6
8H	12.5	13.0	12.9	13.4	13.7	12.4	12.9	12.8	13.2	13.6
12H	12.5	13.0	12.9	13.3	13.7	12.4	12.8	12.8	13.2	13.6
8H 4H	12.4	12.9	12.8	13.2	13.6	12.3	12.7	12.7	13.1	13.5
6H	12.6	13.0	13.0	13.3	13.8	12.4	12.8	12.9	13.2	13.6
8H	12.6	13.0	13.1	13.4	13.8	12.5	12.8	12.9	13.2	13.7
12H	12.6	12.9	13.1	13.4	13.8	12.5	12.8	13.0	13.2	13.7
12H 4H	12.4	12.8	12.8	13.2	13.6	12.2	12.7	12.6	13.0	13.4
6H	12.5	12.9	13.0	13.3	13.7	12.4	12.7	12.9	13.2	13.6
8H	12.6	12.9	13.1	13.3	13.8	12.5	12.8	12.9	13.2	13.7
Variations with the observer position at spacings:										
S = 1.0H	+ 1.1 / - 1.4					+ 0.8 / - 1.2				
1.5H	+ 1.7 / - 1.2					+ 1.1 / - 1.0				
2.0H	+ 2.1 / - 1.2					+ 1.7 / - 0.9				

CIE Pub.117 Corrected 224.1 lm Total Lamp Luminous Flux.(8log(F/F0) = -5.2)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-05-17

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:220.8V I:0.0191A P:2.955W PF:0.6993 Lamp Flux:224.073x1 lm		
NAME: FS1-2W-940-30D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	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) $k(RI) \times RCR = 5$									
$k = 0.60$	87	80	77	86	80	76	86	80	76	73
0.80	94	88	85	94	88	84	92	87	84	80
1.00	99	93	89	98	93	89	96	92	88	84
1.25	103	97	94	102	97	93	100	96	93	88
1.50	105	101	97	104	100	97	102	98	96	91
2.00	108	104	101	107	103	100	104	101	98	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	112	108	105	110	107	104	106	104	102	96
4.00	114	111	109	112	109	107	108	106	104	97
5.00	115	113	111	113	111	109	109	107	106	98
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:2017-05-17

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:220.8V I:0.0191A P:2.955W PF:0.6993 Lamp Flux:224.073x1 lm		
NAME: FS1-2W-940-30D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L70mm*W45mm*H60mm	
MFR.:		

Conical surface Flux(90deg):

211.62 lm

%lum = 94.4%

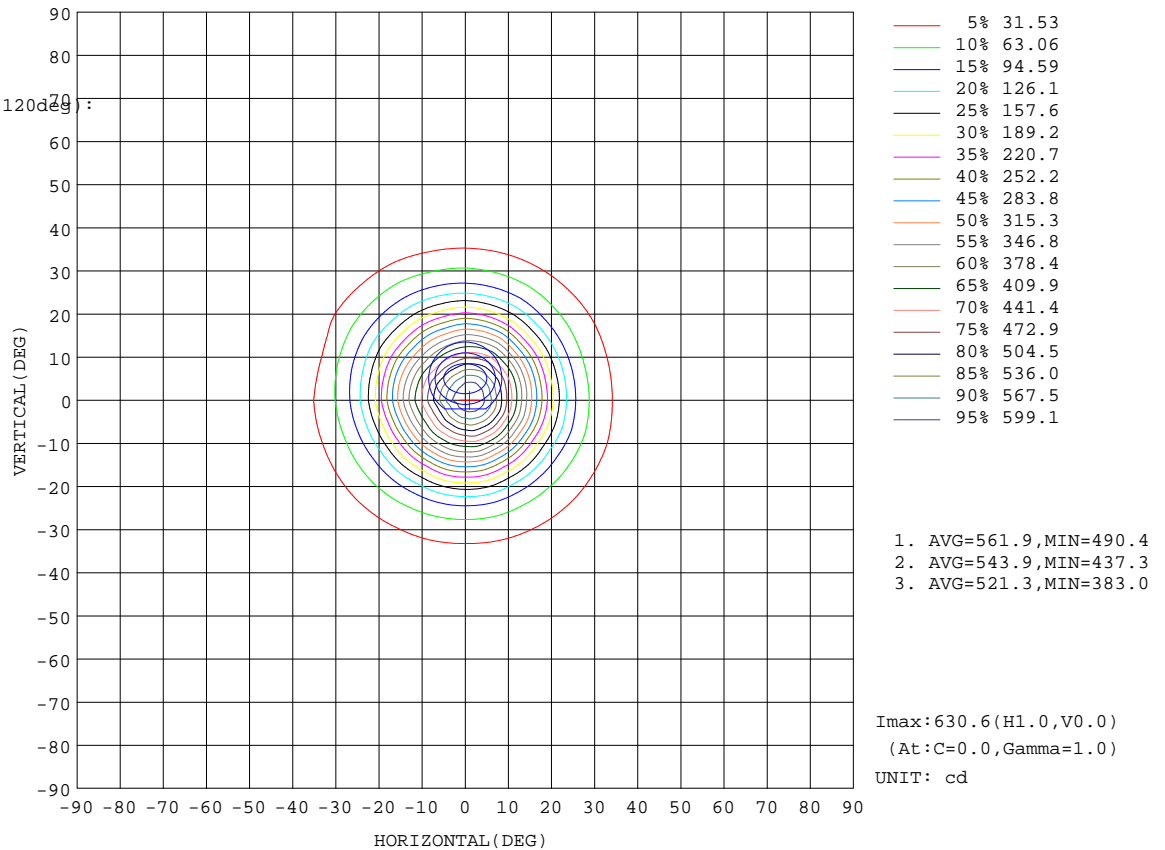
%lamp = 94.4%

Conical surface Flux(120deg):

219.73 lm

%lum = 98.1%

%lamp = 98.1%

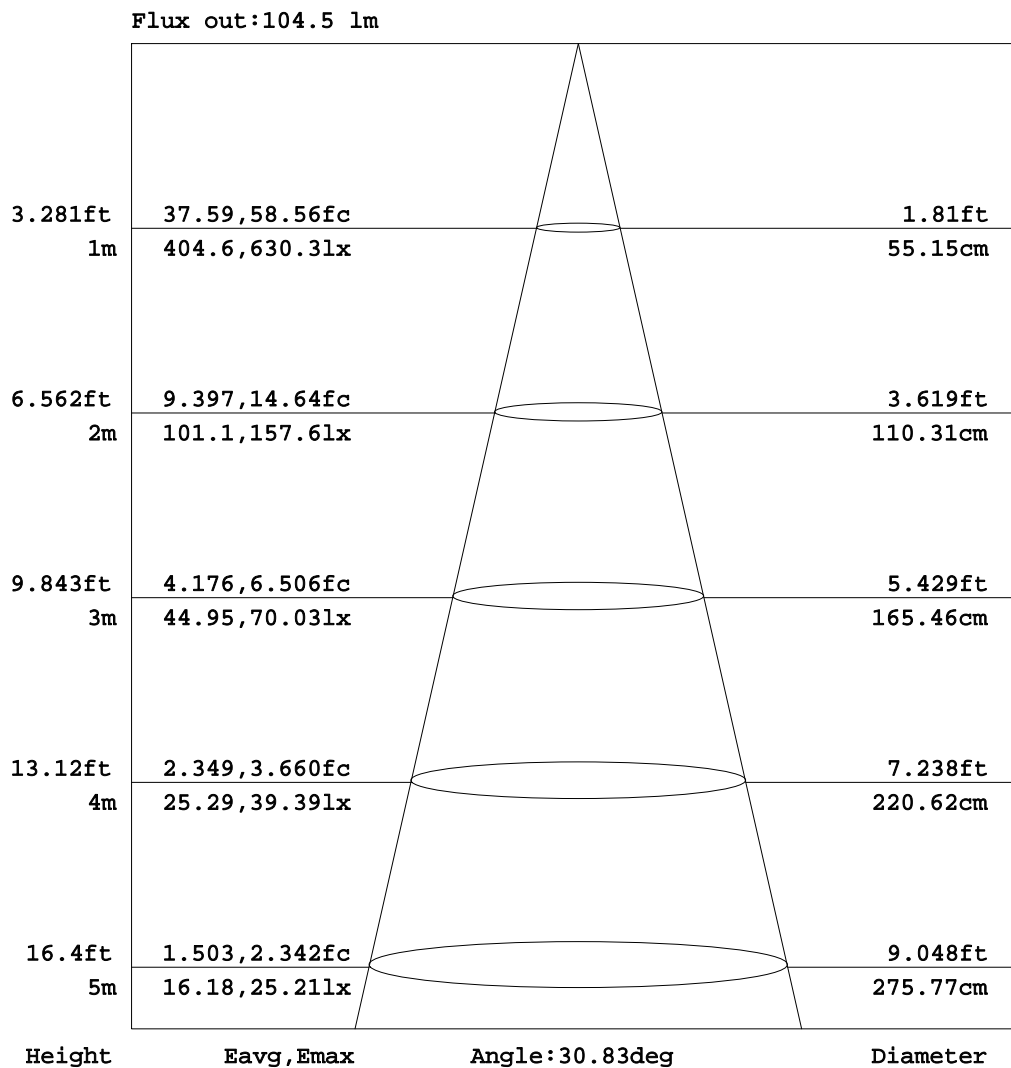


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-05-17

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:220.8V I:0.0191A P:2.955W PF:0.6993 Lamp Flux:224.073x1 lm		
NAME: FS1-2W-940-30D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L70mm*W45mm*H60mm	
MFR.:		



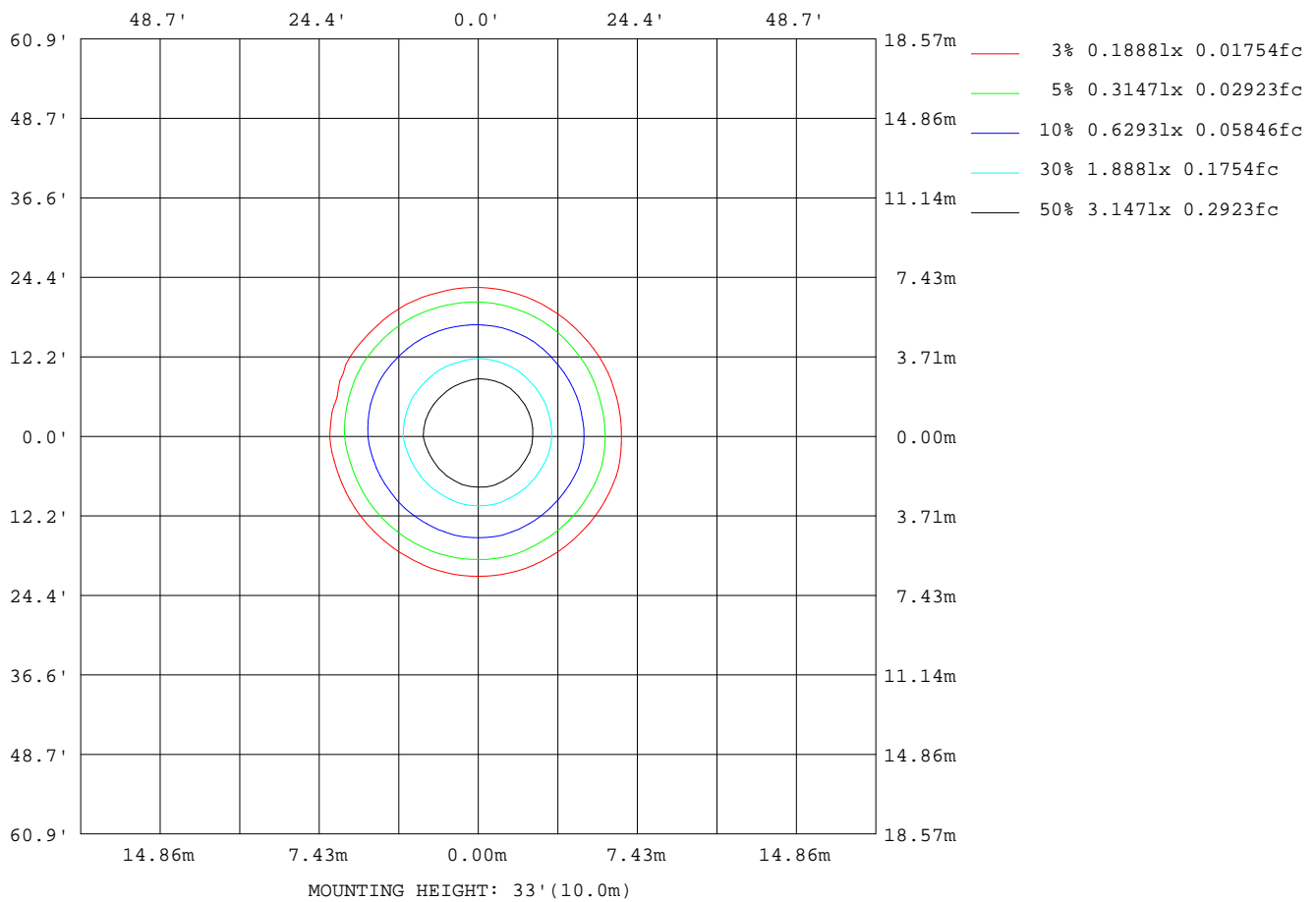
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-05-17

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

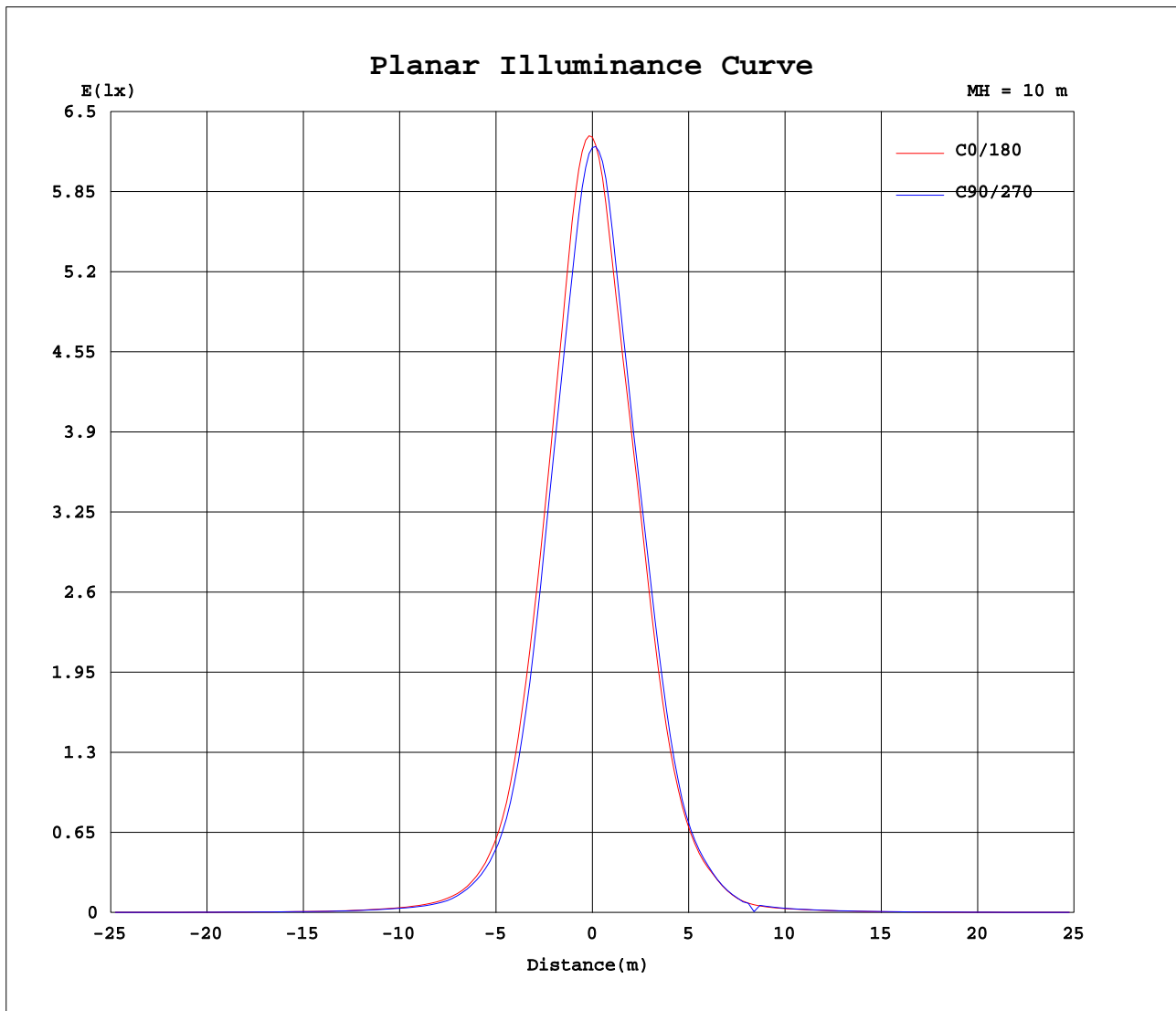
Test:U:220.8V I:0.0191A P:2.955W PF:0.6993 Lamp Flux:224.073x1 lm		
NAME: FS1-2W-940-30D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L70mm*W45mm*H60mm	
MFR.:		



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2017-05-17

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: 2017-05-17

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:220.8V I:0.0191A P:2.955W PF:0.6993 Lamp Flux:224.073x1 lm		
NAME: FS1-2W-940-30D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L70mm*W45mm*H60mm	
MFR.:		

UNIT: cd

[illegible]

```

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:220.8V I:0.0191A P:2.955W PF:0.6993 Lamp Flux:224.073x1 lm		
NAME: FS1-2W-940-30D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	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: Meng Yongjian
Test Date: 2017-05-17

```

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	629.3	627.0	625.4	623.8	622.6	621.7	620.7	620.4	619.3	619.3
3.0	620.1	616.5	610.4	606.5	600.0	596.5	590.6	589.3	584.2	585.2
6.0	569.8	567.2	557.6	550.1	539.5	535.3	524.7	521.3	515.3	516.0
9.0	489.0	488.7	477.5	472.1	463.5	463.2	452.5	448.6	443.8	446.2
12.0	408.1	402.6	390.7	388.5	381.7	384.2	377.6	376.9	373.3	375.3
15.0	325.7	321.4	306.6	303.5	296.4	298.9	295.3	295.6	292.9	296.5
18.0	247.1	239.1	224.6	221.4	216.0	219.6	216.8	217.7	211.6	218.5
21.0	175.5	167.6	155.1	153.1	148.6	152.9	151.1	148.9	146.7	153.0
24.0	117.3	114.9	105.3	101.7	100.6	101.6	100.5	100.4	100.1	104.0
27.0	78.77	77.99	72.25	68.92	68.09	68.65	68.68	68.77	69.32	72.93
30.0	53.64	53.32	49.52	48.26	46.97	48.34	47.27	48.07	49.15	50.94
33.0	36.18	36.13	34.57	33.14	32.86	32.95	32.45	32.87	32.58	33.88
36.0	25.23	25.61	24.44	23.77	22.66	22.29	21.61	21.64	20.95	21.30
39.0	18.32	18.45	17.93	17.19	16.66	16.17	15.53	15.31	14.79	14.29
42.0	14.13	14.23	14.06	13.50	12.89	12.50	11.99	11.81	11.56	11.17
45.0	11.23	11.44	11.31	11.01	10.51	10.25	9.798	9.708	9.653	9.365
48.0	9.203	9.150	8.928	8.849	8.639	8.494	8.170	8.160	8.078	7.917
51.0	7.173	7.025	6.830	6.881	6.820	6.782	6.544	6.576	6.424	6.397
54.0	5.522	5.369	5.235	5.356	5.309	5.389	5.242	5.164	4.977	4.989
57.0	4.540	4.428	4.258	4.450	4.402	4.546	4.541	4.334	4.202	4.170
60.0	3.894	3.783	3.588	3.848	3.791	3.932	3.959	3.796	3.664	3.632
63.0	3.330	3.175	3.017	3.238	3.253	3.361	3.311	3.245	3.105	3.088
66.0	2.749	2.651	2.495	2.692	2.765	2.810	2.737	2.686	2.539	2.559
69.0	2.182	2.126	1.987	2.172	2.210	2.248	2.212	2.133	2.026	2.036
72.0	1.629	1.616	1.495	1.657	1.644	1.668	1.705	1.627	1.552	1.562
75.0	1.022	1.010	1.009	1.003	1.007	0.9942	0.9980	0.9877	0.9958	0.9920
78.0	0.7771	0.7559	0.7618	0.7427	0.7487	0.7362	0.7421	0.7340	0.7400	0.7406
81.0	0.5365	0.5131	0.5147	0.4978	0.5037	0.4913	0.4993	0.4935	0.5124	0.5110
84.0	0.3114	0.2879	0.2895	0.2704	0.2807	0.2683	0.2808	0.2770	0.3026	0.3033
87.0	0.1014	0.0717	0.0773	0.0565	0.0708	0.0608	0.0860	0.0783	0.1144	0.1089
90.0	0.0087	0.0087	0.0087	0.0087	0.0109	0.0087	0.0087	0.0087	0.0087	0
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	618.3	618.7	629.3	625.4	623.8	622.6	621.7	620.7	620.4	619.3
3.0	582.4	584.4	598.9	595.5	596.2	596.3	601.1	604.2	611.9	615.8
6.0	512.4	517.5	534.8	534.4	537.4	535.7	542.5	547.6	561.0	567.2
9.0	443.8	452.9	467.4	467.6	471.4	465.3	470.2	476.6	489.6	496.5
12.0	375.8	385.2	402.6	400.9	400.8	397.3	402.6	409.6	418.7	424.8
15.0	301.5	312.8	332.5	332.5	332.5	331.1	336.0	340.3	351.9	352.9
18.0	223.6	235.7	256.3	258.8	262.4	261.3	267.2	267.5	277.2	274.7
21.0	158.1	168.9	186.0	189.9	195.6	194.4	199.1	197.4	203.6	199.1
24.0	108.3	118.0	131.8	135.0	142.0	139.1	141.6	140.3	141.1	136.2
27.0	76.20	82.92	91.60	97.21	100.3	99.67	99.36	97.51	96.16	93.30
30.0	54.22	57.62	64.21	68.48	70.85	70.57	70.76	68.65	67.88	65.45
33.0	36.33	38.98	44.79	46.50	48.77	48.38	48.48	46.41	45.48	43.03
36.0	21.80	23.90	27.06	27.56	29.66	28.28	29.05	27.73	27.78	26.91
39.0	14.16	14.59	16.26	16.28	16.97	16.96	17.26	16.56	16.14	16.57
42.0	10.91	10.97	11.45	11.52	11.84	11.84	12.01	12.09	12.45	12.63
45.0	9.060	9.002	9.267	9.261	9.494	9.514	9.632	9.757	10.01	10.35
48.0	7.747	7.653	7.818	7.785	8.026	8.045	8.137	8.262	8.443	8.680
51.0	6.364	6.352	6.536	6.498	6.698	6.673	6.845	6.966	7.091	7.102
54.0	4.973	5.063	5.263	5.164	5.301	5.339	5.499	5.542	5.639	5.519
57.0	4.128	4.120	4.254	4.217	4.267	4.290	4.381	4.430	4.550	4.467
60.0	3.588	3.508	3.616	3.589	3.627	3.648	3.717	3.771	3.905	3.843
63.0	3.050	2.989	3.081	3.065	3.107	3.126	3.192	3.220	3.279	3.255
66.0	2.519	2.515	2.578	2.562	2.598	2.627	2.696	2.719	2.712	2.693
69.0	2.022	2.056	2.113	2.078	2.102	2.142	2.237	2.205	2.213	2.155
72.0	1.578	1.623	1.680	1.619	1.625	1.689	1.738	1.698	1.754	1.681
75.0	1.009	1.012	1.077	1.087	1.166	1.198	1.270	1.157	1.190	1.076
78.0	0.7705	0.7712	0.8169	0.8381	0.8366	0.8533	0.8431	0.8490	0.8300	0.8359
81.0	0.5408	0.5460	0.5873	0.6128	0.6091	0.6237	0.6157	0.6194	0.6026	0.6041
84.0	0.3310	0.3361	0.3709	0.3943	0.3884	0.4096	0.3949	0.4052	0.3840	0.3920
87.0	0.1450	0.1417	0.1721	0.1995	0.1918	0.2127	0.2026	0.2105	0.1852	0.1952
90.0	0.0087	0.0087	0.0131	0.0241	0.0197	0.0350	0.0306	0.0306	0.0241	0.0197
G/C	300.0	315.0	330.0	345.0						
0.0	619.3	619.3	618.3	618.7						
3.0	619.6	619.7	619.5	616.4						
6.0	573.0	572.5	572.9	567.2						
9.0	504.1	501.6	502.5	493.4						
12.0	431.1	423.2	421.8	414.6						
15.0	354.2	344.6	339.2	332.7						
18.0	273.8	261.1	257.9	250.0						
21.0	194.5	184.9	181.2	176.5						

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2017-05-17

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	134.2	125.0	121.6	118.7
27.0	90.76	83.70	81.08	78.84
30.0	62.90	58.60	56.16	53.08
33.0	41.21	38.73	37.83	36.43
36.0	25.81	25.02	25.38	25.13
39.0	17.35	17.53	18.09	18.21
42.0	13.09	13.39	13.81	13.79
45.0	10.83	11.04	11.17	11.11
48.0	9.045	9.157	9.259	9.179
51.0	7.225	7.245	7.387	7.250
54.0	5.514	5.512	5.628	5.521
57.0	4.427	4.482	4.552	4.480
60.0	3.765	3.830	3.865	3.847
63.0	3.170	3.216	3.253	3.268
66.0	2.635	2.641	2.674	2.689
69.0	2.132	2.127	2.154	2.111
72.0	1.656	1.661	1.671	1.620
75.0	1.051	1.041	1.016	1.017
78.0	0.8147	0.8118	0.7885	0.7878
81.0	0.5807	0.5778	0.5523	0.5494
84.0	0.3621	0.3615	0.3315	0.3309
87.0	0.1633	0.1646	0.1327	0.1274
90.0	0.0087	0.0087	0.0066	0.0066

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-05-17

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: