
LED Downlight FUSION Series LE-FF3-FS1-9W-930-40D
Specular



Light Output Ratio:	100.0%	
Luminaire Power:	10.58 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.55	fine grid method.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-06-05

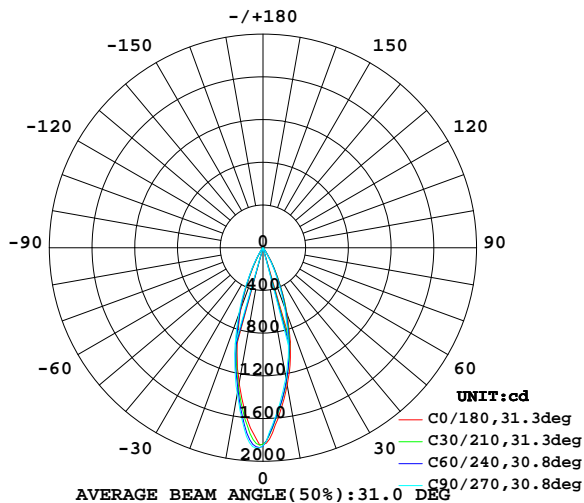
γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

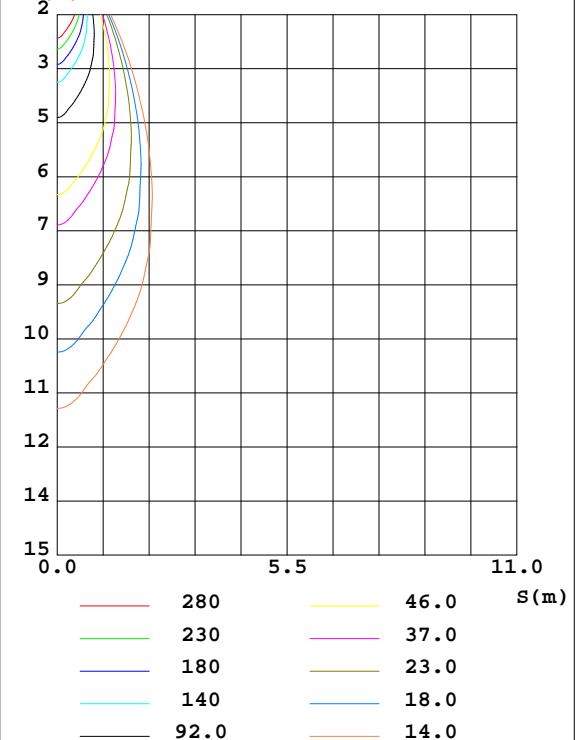
Test:U:220.7V I:0.0553A P:10.58W PF:0.8665 Lamp Flux:619.153x1 lm		
NAME: FF3-FS1-9W-930-40D Specular	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L153mm*W45mm*H60mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 58.51 lm/W			
MODEL	CREE-3000K	Imax(cd)	1881	S/MH(C0/180)	0.50
NOMINAL POWER(W)	11.0	LOR(%)	100.0	S/MH(C90/270)	0.54
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	619.15	η UP,DN(C0-180)	0.0,48.5
NOMINAL FLUX(lm)	619.153	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,51.5
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	0.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



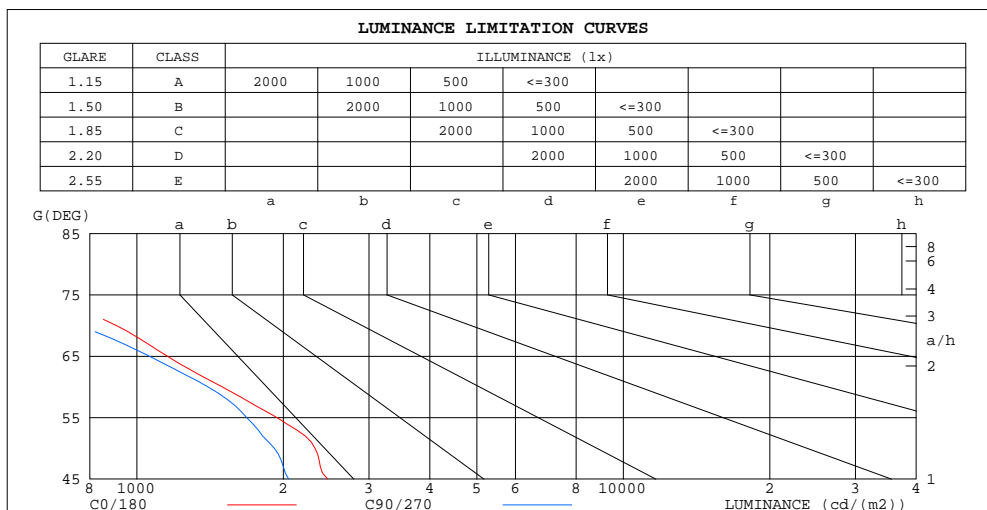
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-06-05

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	1308	1284	1240	1239	1290	1327	1389	1362	0- 10	145.5	145.5	23.5,23.5
20	659.7	636.2	594.5	568.2	600.8	609.2	663.2	652.8	10- 20	262.1	407.7	65.8,65.8
30	165.6	158.0	131.5	121.2	115.8	127.8	150.3	160.3	20- 30	155.3	563.0	90.9,90.9
40	21.06	19.61	16.64	16.33	16.67	17.69	20.43	21.54	30- 40	34.81	597.8	96.5,96.5
50	10.22	9.022	8.429	9.090	9.730	10.19	10.70	10.84	40- 50	9.465	607.2	98.1,98.1
60	5.127	4.890	4.788	5.441	5.886	5.841	5.887	5.566	50- 60	6.781	614.0	99.2,99.2
70	2.125	1.907	1.778	2.053	2.269	2.400	2.534	2.326	60- 70	3.586	617.6	99.8,99.8
80	0.5606	0.5176	0.4665	0.5395	0.5349	0.6544	0.7141	0.6741	70- 80	1.250	618.9	100,100
90	0.0306	0.0328	0.0350	0.0350	0.0219	0.0525	0.0700	0.0394	80- 90	0.2950	619.2	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(DEG)	C0/180	C90/270
85	397	273
80	472	393
75	553	480
70	909	760
65	1155	1061
60	1499	1400
55	1942	1681
50	2324	1917
45	2468	2051

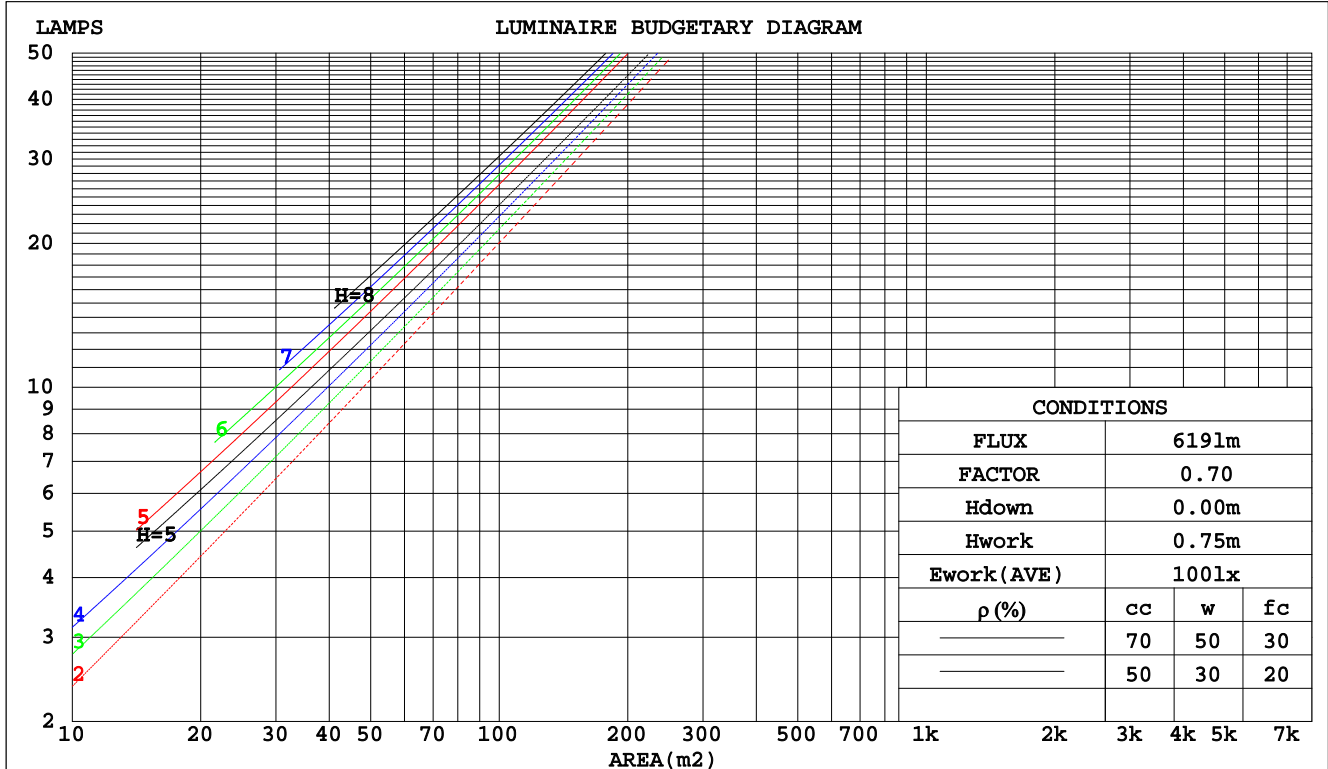
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-06-05

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:0.0553A P:10.58W PF:0.8665 Lamp Flux:619.153x1 lm		
NAME: FF3-FS1-9W-930-40D Specular	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	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	1.12	1.10	1.08	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	.00	.99	.98	.97	.95
2.0	1.06	1.03	.00	1.04	1.01	.99	1.01	.99	.96	.98	.96	.94	.95	.94	.92	.91
3.0	1.00	.96	.93	.99	.95	.92	.97	.93	.91	.94	.92	.90	.92	.90	.88	.87
4.0	.96	.91	.88	.95	.90	.87	.93	.89	.86	.91	.88	.85	.89	.86	.84	.83
5.0	.91	.87	.83	.90	.86	.83	.89	.85	.82	.87	.84	.81	.86	.83	.81	.79
6.0	.87	.83	.79	.87	.82	.79	.85	.81	.78	.84	.80	.78	.83	.80	.77	.76
7.0	.84	.79	.76	.83	.79	.75	.82	.78	.75	.81	.77	.75	.80	.77	.74	.73
8.0	.80	.76	.72	.80	.75	.72	.79	.75	.72	.78	.74	.72	.77	.74	.71	.70
9.0	.77	.73	.70	.77	.73	.69	.76	.72	.69	.75	.72	.69	.75	.71	.69	.68
10.0	.75	.70	.67	.74	.70	.67	.74	.69	.67	.73	.69	.67	.72	.69	.66	.65



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-06-05

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:0.0553A P:10.58W PF:0.8665 Lamp Flux:619.153x1 lm		
NAME: FF3-FS1-9W-930-40D Specular	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	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	.153	.087	.028	.146	.083	.027	.134	.077	.025	.122	.071	.023	.112	.065	.021	
2.0	.143	.079	.024	.138	.076	.023	.128	.071	.022	.118	.066	.021	.109	.062	.019	
3.0	.135	.072	.021	.130	.070	.021	.121	.066	.020	.113	.062	.019	.106	.059	.018	
4.0	.127	.066	.019	.123	.064	.019	.116	.061	.018	.109	.058	.018	.102	.056	.017	
5.0	.120	.061	.018	.117	.060	.017	.110	.058	.017	.105	.055	.016	.099	.053	.016	
6.0	.114	.057	.016	.111	.056	.016	.106	.054	.016	.101	.052	.015	.096	.050	.015	
7.0	.109	.054	.015	.106	.053	.015	.101	.051	.015	.097	.050	.014	.093	.048	.014	
8.0	.104	.051	.014	.102	.050	.014	.097	.049	.014	.093	.047	.014	.090	.046	.013	
9.0	.099	.048	.013	.097	.047	.013	.094	.046	.013	.090	.045	.013	.087	.044	.013	
10.0	.095	.046	.013	.094	.045	.013	.090	.044	.012	.087	.043	.012	.084	.042	.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	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.152	.133	.116	.131	.114	.100	.089	.079	.070	.052	.046	.041	.017	.015	.013	
3.0	.138	.113	.093	.119	.098	.081	.081	.068	.057	.047	.040	.033	.015	.013	.011	
4.0	.127	.098	.077	.109	.085	.066	.075	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.117	.086	.064	.100	.075	.055	.069	.052	.039	.040	.031	.023	.013	.010	.008	
6.0	.109	.076	.053	.093	.066	.047	.064	.046	.033	.037	.027	.020	.012	.009	.006	
7.0	.101	.069	.045	.087	.059	.040	.060	.042	.028	.035	.025	.017	.011	.008	.006	
8.0	.095	.062	.039	.082	.054	.034	.057	.038	.024	.033	.022	.014	.011	.007	.005	
9.0	.090	.056	.034	.077	.049	.030	.054	.034	.021	.031	.020	.013	.010	.007	.004	
10.0	.085	.052	.030	.073	.045	.026	.051	.032	.018	.030	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-06-05

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:0.0553A P:10.58W PF:0.8665 Lamp Flux:619.153x1 lm										
NAME: FF3-FS1-9W-930-40D Specular					TYPE:Downlight			SERIAL No.:		
SPEC.:3000K					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	8.8	9.5	9.0	9.7	9.8	7.7	8.4	7.9	8.6	8.7
3H	8.9	9.6	9.1	9.8	10.0	7.8	8.5	8.1	8.7	8.9
4H	8.9	9.6	9.2	9.8	10.0	7.8	8.5	8.1	8.7	8.9
6H	8.9	9.5	9.1	9.7	10.0	7.8	8.4	8.1	8.7	8.9
8H	8.8	9.4	9.1	9.7	9.9	7.8	8.4	8.1	8.6	8.9
12H	8.8	9.4	9.1	9.6	9.9	7.7	8.3	8.0	8.6	8.9
4H 2H	8.7	9.4	9.0	9.6	9.8	7.7	8.4	8.0	8.6	8.8
3H	8.9	9.5	9.2	9.8	10.0	7.9	8.5	8.3	8.8	9.1
4H	8.9	9.5	9.3	9.8	10.1	8.0	8.5	8.3	8.8	9.1
6H	8.9	9.4	9.3	9.7	10.1	7.9	8.4	8.3	8.7	9.1
8H	8.9	9.3	9.3	9.7	10.0	7.9	8.3	8.3	8.7	9.1
12H	8.9	9.3	9.3	9.6	10.0	7.9	8.3	8.3	8.6	9.0
8H 4H	8.8	9.3	9.2	9.6	10.0	7.9	8.3	8.3	8.7	9.0
6H	8.8	9.2	9.3	9.6	10.0	7.9	8.2	8.3	8.6	9.0
8H	8.8	9.1	9.3	9.6	10.0	7.9	8.2	8.3	8.6	9.0
12H	8.8	9.1	9.3	9.5	10.0	7.8	8.1	8.3	8.5	9.0
12H 4H	8.8	9.2	9.2	9.6	9.9	7.8	8.2	8.2	8.6	9.0
6H	8.8	9.1	9.2	9.5	10.0	7.8	8.2	8.3	8.6	9.0
8H	8.8	9.1	9.2	9.5	10.0	7.8	8.1	8.3	8.5	9.0
Variations with the observer position at spacings:										
S = 1.0H	+ 1.8 / - 1.6					+ 1.3 / - 1.4				
1.5H	+ 3.0 / - 1.5					+ 2.2 / - 1.0				
2.0H	+ 1.4 / - 1.5					+ 0.9 / - 1.3				

CIE Pub.117 Corrected 619.2 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.7)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-06-05

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:0.0553A P:10.58W PF:0.8665 Lamp Flux:619.153x1 lm		
NAME: FF3-FS1-9W-930-40D Specular	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	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) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	80	89	83	80	88	83	80	76
0.80	97	91	88	96	91	87	95	90	87	84
1.00	101	95	92	100	95	92	98	95	91	87
1.25	104	99	96	103	99	96	101	98	95	91
1.50	107	102	99	106	102	99	103	100	98	93
2.00	109	105	102	108	104	101	105	102	100	95
2.50	111	107	104	109	106	103	106	104	102	96
3.00	112	109	106	110	108	105	107	105	103	97
4.00	114	112	110	112	110	108	109	107	105	98
5.00	115	113	112	113	111	110	109	108	107	99
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:2017-06-05

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:0.0553A P:10.58W PF:0.8665 Lamp Flux:619.153x1 lm		
NAME: FF3-FS1-9W-930-40D Specular	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L153mm*W45mm*H60mm	
MFR.:		

Conical surface Flux(90deg):

602.98 lm

%lum = 97.4%

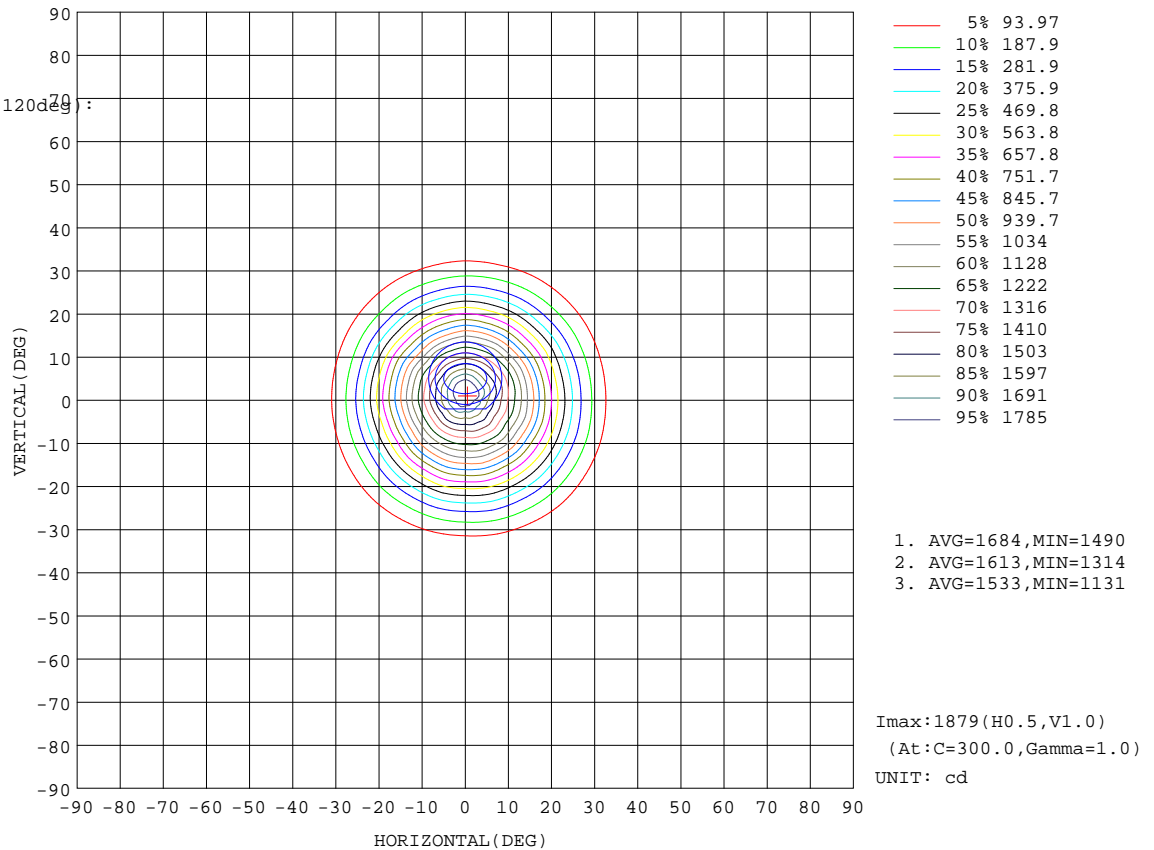
%lamp = 97.4%

Conical surface Flux(120deg):

614.02 lm

%lum = 99.2%

%lamp = 99.2%

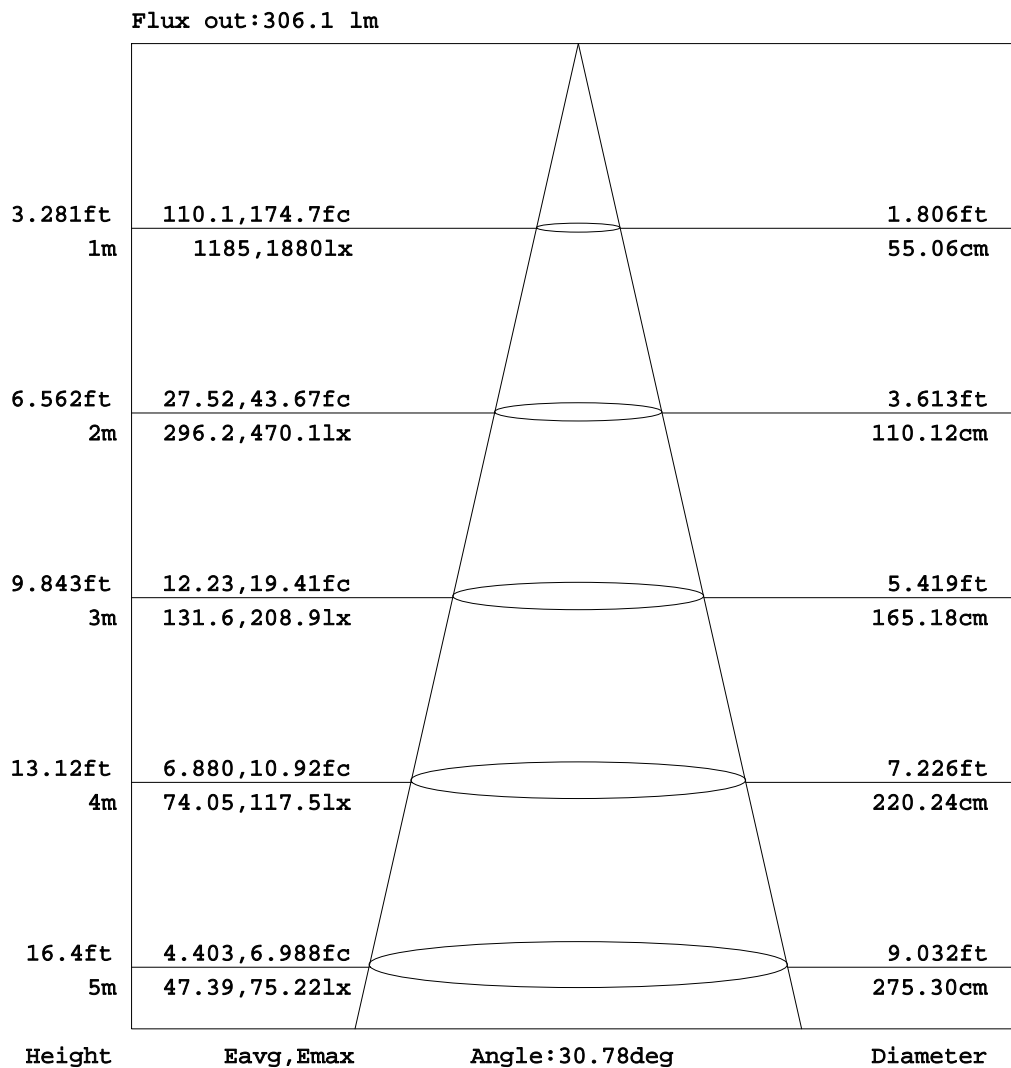


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-06-05

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:0.0553A P:10.58W PF:0.8665 Lamp Flux:619.153x1 lm		
NAME: FF3-FS1-9W-930-40D Specular	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L153mm*W45mm*H60mm	
MFR.:		



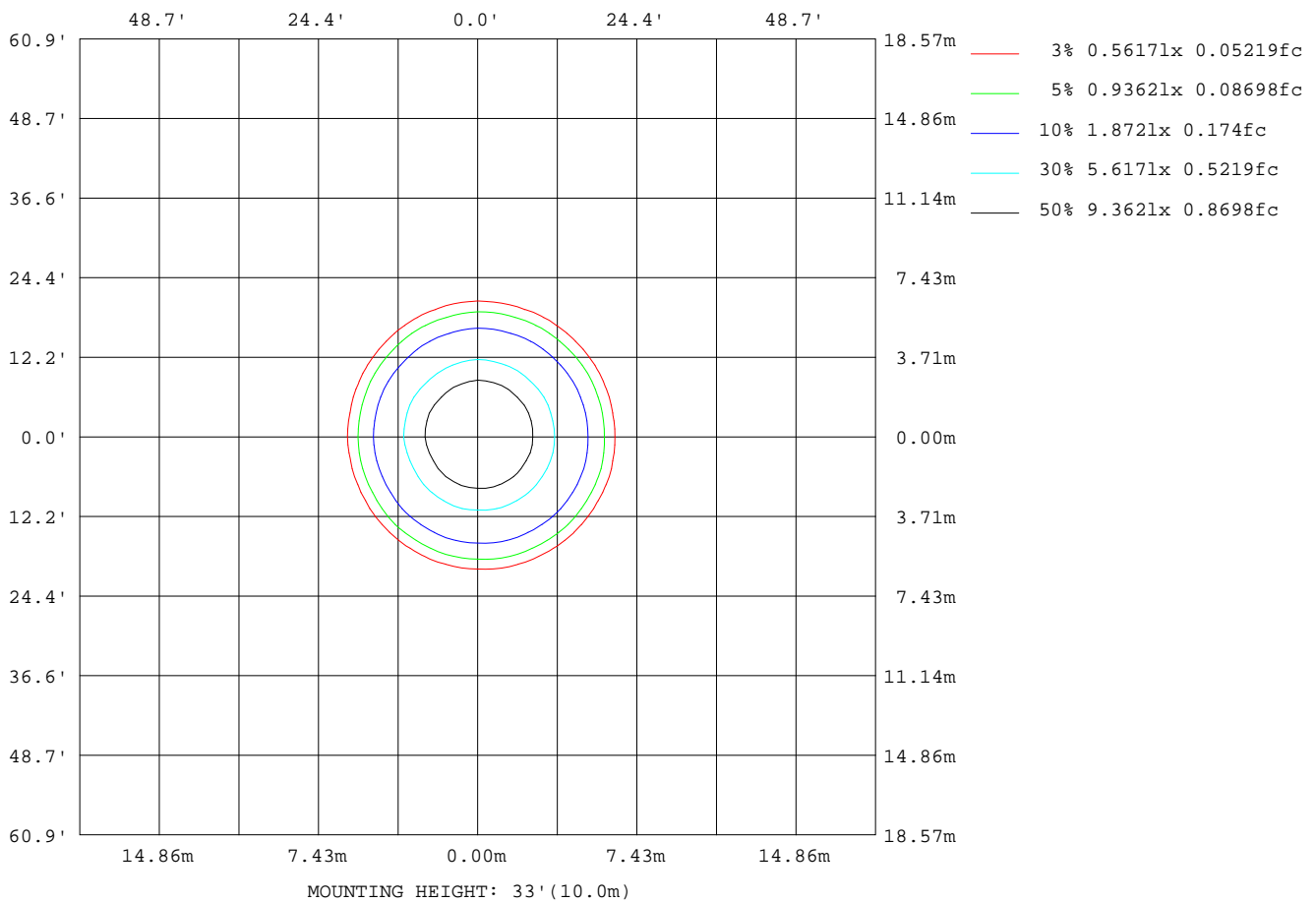
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-06-05

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

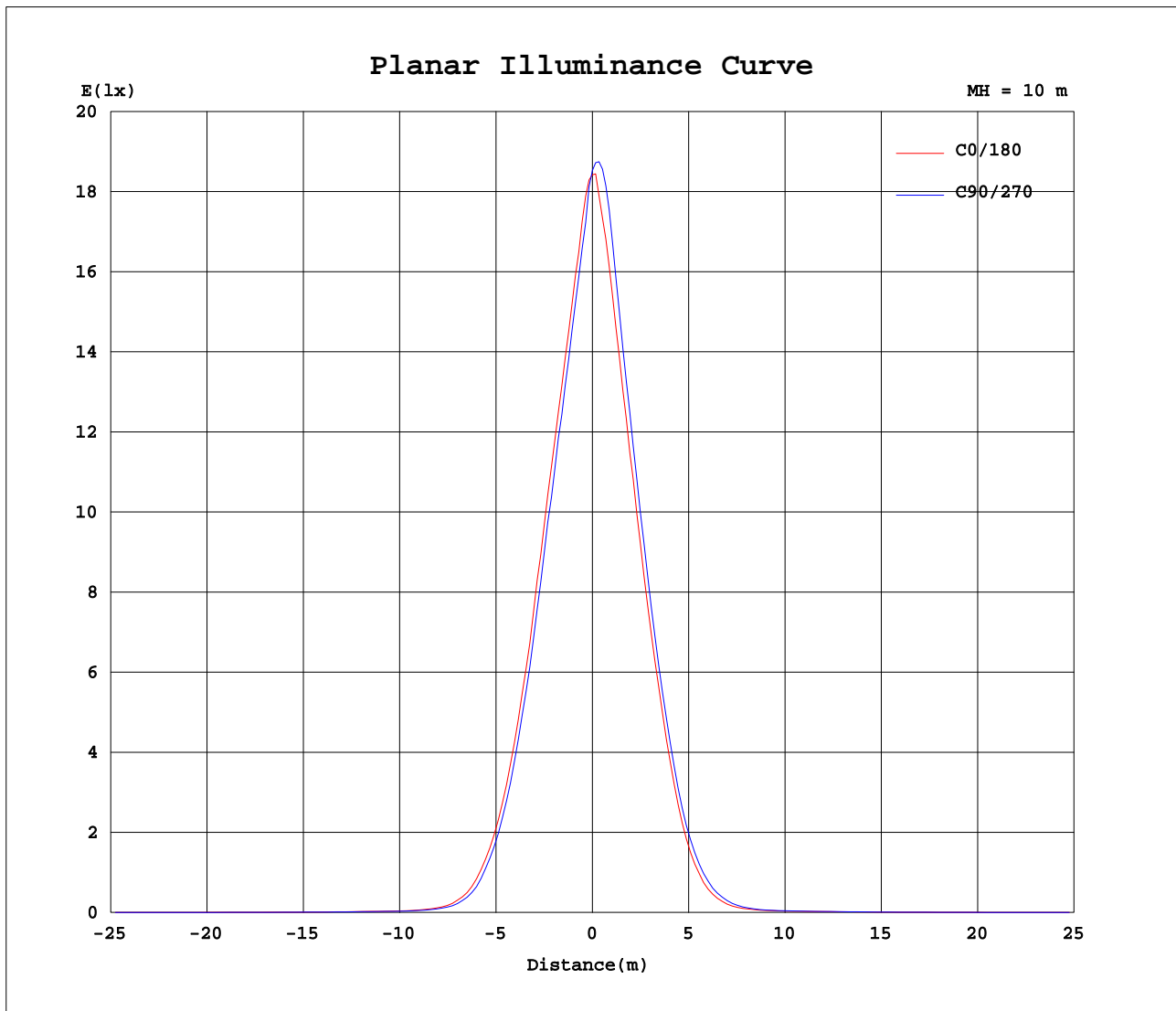
Test:U:220.7V I:0.0553A P:10.58W PF:0.8665 Lamp Flux:619.153x1 lm		
NAME: FF3-FS1-9W-930-40D Specular	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L153mm*W45mm*H60mm	
MFR.:		



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2017-06-05

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: 2017-06-05

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:0.0553A P:10.58W PF:0.8665 Lamp Flux:619.153x1 lm		
NAME: FF3-FS1-9W-930-40D Specular	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L153mm*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:220.7V I:0.0553A P:10.58W PF:0.8665 Lamp Flux:619.153x1 lm		
NAME: FF3-FS1-9W-930-40D Specular	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L153mm*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: 2017-06-05

```

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	1842	1841	1839	1860	1857	1856	1853	1859	1869	1870
3.0	1733	1722	1692	1696	1688	1685	1665	1682	1707	1719
6.0	1545	1529	1509	1520	1498	1495	1479	1486	1503	1521
9.0	1365	1356	1336	1343	1322	1314	1291	1298	1304	1307
12.0	1189	1178	1152	1163	1142	1135	1108	1106	1103	1104
15.0	991.7	993.1	967.2	970.3	945.5	946.1	915.7	915.4	902.7	897.1
18.0	781.5	787.6	762.3	759.6	737.2	738.3	712.2	716.0	698.0	700.6
21.0	594.1	590.3	585.4	576.2	564.0	554.2	532.8	535.4	514.1	505.9
24.0	419.7	419.3	413.0	406.9	391.6	385.7	366.1	363.2	348.6	339.3
27.0	274.9	279.0	273.0	266.3	253.2	248.2	232.4	229.2	217.4	216.1
30.0	165.6	169.3	162.3	158.0	146.9	144.4	131.5	129.9	120.9	121.2
33.0	85.35	86.12	80.76	78.48	73.59	70.42	65.42	63.36	60.74	59.28
36.0	43.41	43.36	40.28	39.59	36.04	34.72	32.16	31.70	30.63	30.17
39.0	24.65	24.70	23.55	22.89	21.61	20.86	19.26	19.11	18.81	18.78
42.0	15.44	15.32	14.69	14.25	13.54	13.13	12.48	12.52	12.55	12.72
45.0	11.94	11.57	11.23	10.92	10.37	10.12	9.919	10.21	10.43	10.61
48.0	10.85	10.45	10.02	9.698	9.328	9.169	9.068	9.207	9.505	9.749
51.0	9.829	9.422	8.961	8.646	8.254	8.160	8.036	8.254	8.503	8.742
54.0	8.163	7.913	7.605	7.297	7.053	7.009	6.957	7.095	7.394	7.591
57.0	6.515	6.429	6.240	6.077	5.910	5.911	5.925	6.126	6.351	6.563
60.0	5.127	5.077	4.963	4.890	4.764	4.767	4.788	5.008	5.221	5.441
63.0	3.962	3.902	3.822	3.784	3.669	3.683	3.695	3.882	4.063	4.269
66.0	3.068	2.998	2.918	2.880	2.784	2.777	2.782	2.923	3.060	3.205
69.0	2.351	2.274	2.182	2.132	2.045	2.027	2.012	2.117	2.226	2.315
72.0	1.680	1.605	1.507	1.438	1.268	1.236	1.196	1.288	1.462	1.547
75.0	0.9792	0.9505	0.9282	0.9089	0.8756	0.8630	0.8494	0.8805	0.9130	0.9526
78.0	0.7268	0.7056	0.6809	0.6619	0.6328	0.6226	0.6109	0.6313	0.6677	0.6859
81.0	0.4840	0.4805	0.4643	0.4498	0.4205	0.4127	0.3986	0.4236	0.4512	0.4695
84.0	0.2872	0.2902	0.2762	0.2530	0.2325	0.2202	0.2194	0.2290	0.2587	0.2705
87.0	0.1340	0.1089	0.1035	0.0675	0.0684	0.0415	0.0596	0.0480	0.0881	0.0849
90.0	0.0306	0.0306	0.0328	0.0328	0.0328	0.0328	0.0350	0.0350	0.0372	0.0350
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	1868	1859	1842	1841	1839	1860	1857	1856	1853	1859
3.0	1719	1744	1741	1768	1798	1833	1843	1853	1864	1856
6.0	1511	1543	1564	1577	1617	1627	1669	1682	1699	1684
9.0	1304	1323	1354	1373	1396	1395	1432	1442	1463	1453
12.0	1104	1119	1156	1160	1179	1172	1208	1216	1245	1233
15.0	886.0	898.0	935.1	945.6	966.4	951.1	982.3	990.8	1026	1019
18.0	681.4	699.5	730.9	737.9	762.5	746.5	764.8	776.1	803.6	787.7
21.0	497.7	504.7	533.5	539.5	554.3	540.6	566.9	578.6	599.1	593.1
24.0	329.3	336.6	353.9	353.7	365.5	366.1	385.0	390.0	407.2	405.9
27.0	205.2	208.1	212.0	212.0	221.6	223.9	239.4	244.6	256.9	257.5
30.0	111.5	112.5	115.8	116.9	124.9	127.8	138.6	141.5	150.3	153.0
33.0	58.83	56.66	60.46	61.34	65.18	68.10	75.13	77.01	81.99	79.72
36.0	29.27	29.06	30.63	31.35	33.57	33.71	37.76	39.82	43.31	40.98
39.0	17.93	18.36	18.81	18.80	19.46	20.21	21.49	22.35	24.31	23.98
42.0	12.51	12.67	13.18	13.31	13.80	14.13	14.53	14.95	15.70	15.79
45.0	10.61	10.86	11.14	11.26	11.63	11.91	12.11	12.23	12.56	12.68
48.0	9.772	9.952	10.28	10.43	10.66	10.91	11.02	11.14	11.33	11.57
51.0	8.838	9.003	9.417	9.545	9.694	9.806	10.06	10.19	10.35	10.46
54.0	7.681	7.829	8.187	8.284	8.430	8.564	8.769	8.883	9.053	9.048
57.0	6.661	6.793	7.004	7.000	7.108	7.097	7.243	7.207	7.369	7.264
60.0	5.553	5.681	5.886	5.799	5.866	5.841	5.870	5.797	5.887	5.793
63.0	4.362	4.494	4.665	4.604	4.655	4.619	4.639	4.571	4.646	4.549
66.0	3.292	3.402	3.501	3.499	3.563	3.543	3.521	3.521	3.598	3.512
69.0	2.388	2.457	2.546	2.558	2.656	2.654	2.702	2.691	2.774	2.715
72.0	1.599	1.653	1.750	1.791	1.884	1.911	1.967	1.998	2.090	2.042
75.0	0.9590	0.9548	0.9675	1.030	1.133	1.192	1.322	1.360	1.440	1.388
78.0	0.7005	0.6881	0.6966	0.7419	0.7885	0.8097	0.8366	0.8556	0.8758	0.8644
81.0	0.4752	0.4761	0.4650	0.5231	0.5677	0.5822	0.6092	0.6194	0.6398	0.6303
84.0	0.2807	0.2837	0.2792	0.3307	0.3665	0.3789	0.4037	0.4117	0.4255	0.4139
87.0	0.1143	0.1068	0.1197	0.1623	0.1765	0.2016	0.2115	0.2257	0.2290	0.2214
90.0	0.0394	0.0394	0.0219	0.0328	0.0328	0.0525	0.0503	0.0765	0.0700	0.0700
G/C	300.0	315.0	330.0	345.0						
0.0	1869	1870	1868	1859						
3.0	1835	1828	1821	1804						
6.0	1649	1631	1628	1596						
9.0	1445	1429	1429	1405						
12.0	1232	1219	1224	1212						
15.0	1024	1009	1020	1004						
18.0	792.5	785.6	798.2	790.0						
21.0	600.9	595.6	604.6	591.5						

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.3DEG

Operators: Meng Yongjian

Test Date: 2017-06-05

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	412.8	411.1	425.4	417.0
27.0	266.0	265.3	274.4	275.0
30.0	157.9	160.3	166.0	165.6
33.0	82.93	83.74	86.35	85.01
36.0	43.54	43.84	45.39	44.09
39.0	24.91	25.01	25.62	25.38
42.0	16.11	16.38	16.43	15.86
45.0	12.87	12.83	12.71	12.10
48.0	11.58	11.54	11.32	10.88
51.0	10.47	10.40	10.21	9.832
54.0	8.978	8.806	8.661	8.337
57.0	7.226	7.075	6.962	6.664
60.0	5.691	5.566	5.514	5.281
63.0	4.430	4.320	4.277	4.101
66.0	3.412	3.330	3.294	3.168
69.0	2.623	2.556	2.527	2.435
72.0	1.950	1.891	1.863	1.786
75.0	1.246	1.175	1.144	1.045
78.0	0.8452	0.8337	0.8147	0.7703
81.0	0.6070	0.5910	0.5786	0.5384
84.0	0.3906	0.3768	0.3709	0.3395
87.0	0.1940	0.1951	0.1743	0.1645
90.0	0.0415	0.0394	0.0306	0.0284

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-06-05

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: