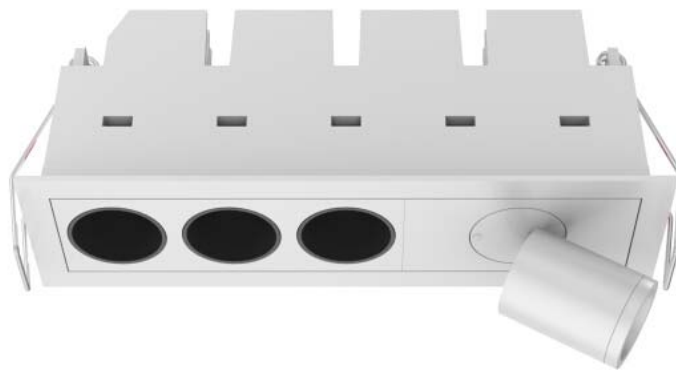


LED Downlight FUSION Series LE-FF3-FS1-9W-940-40D
Black



Light Output Ratio:	100.0%	
Luminaire Power:	10.15 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: 2017-05-15

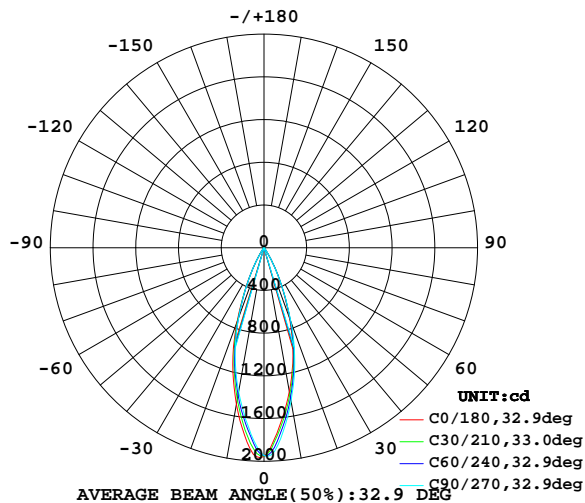
γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

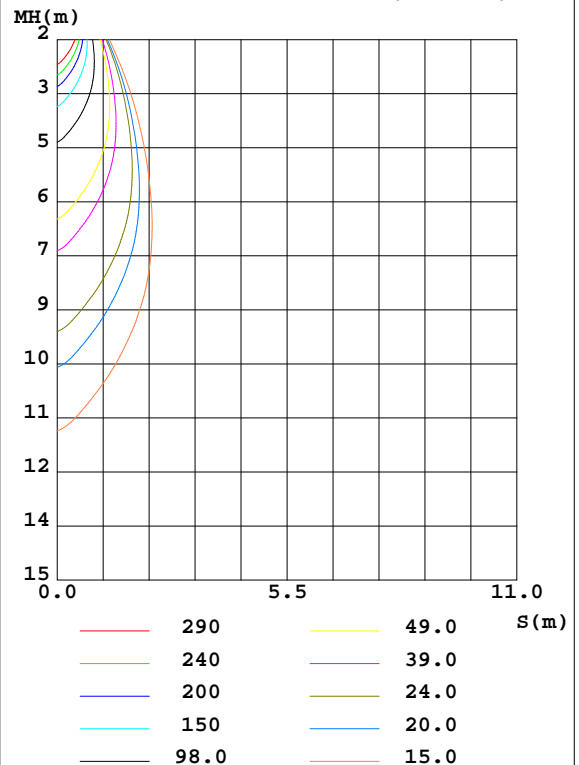
Test:U:220.8V I:0.0485A P:10.15W PF:0.9479 Lamp Flux:689.123x1 lm		
NAME: FF3-FS1-9W-940-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L153mm*W45mm*H60mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 67.93 lm/W			
MODEL	CREE-4000K	I _{max} (cd)	1967	S/MH(C0/180)	0.56
NOMINAL POWER(W)	11.0	LOR(%)	100.0	S/MH(C90/270)	0.52
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	689.12	η UP,DN(C0-180)	0.0,51.0
NOMINAL FLUX(lm)	689.123	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.0
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	0.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



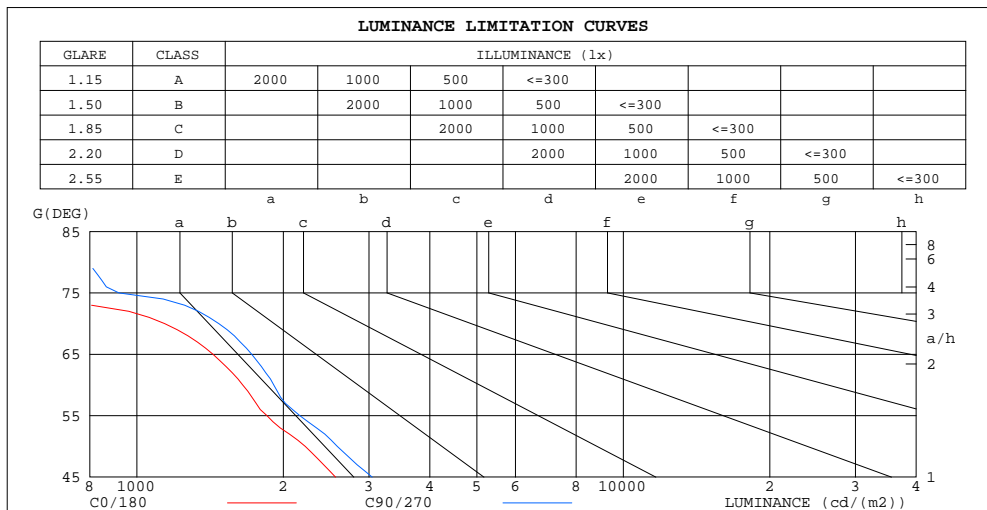
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-05-15

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	1367	1423	1459	1491	1491	1410	1371	1348	0- 10	155.8	155.8	22.6,22.6
20	702.7	730.0	737.1	729.0	738.4	694.4	695.2	690.9	10- 20	294.0	449.8	65.3,65.3
30	161.1	168.6	158.7	154.1	155.6	146.2	152.8	153.7	20- 30	177.7	627.4	91,91
40	18.31	20.55	21.87	23.11	22.38	19.92	17.89	17.72	30- 40	36.69	664.1	96.4,96.4
50	9.753	10.64	11.35	12.11	11.83	10.73	9.737	9.361	40- 50	10.90	675.0	98,98
60	5.644	6.102	6.538	6.854	6.901	6.275	5.788	5.473	50- 60	7.267	682.3	99,99
70	2.668	3.037	3.449	3.688	3.685	3.120	2.782	2.530	60- 70	4.587	686.9	99.7,99.7
80	0.7248	0.8344	0.9371	1.009	0.9892	0.8689	0.7620	0.7135	70- 80	1.819	688.7	99.9,99.9
90	0.0306	0.0306	0.0415	0.0503	0.0328	0.0219	0.0241	0.0241	80- 90	0.4218	689.1	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(DEG)	C0/180	C90/270
85	460	728
80	610	789
75	722	919
70	1141	1474
65	1434	1722
60	1650	1912
55	1852	2162
50	2218	2582
45	2561	3047

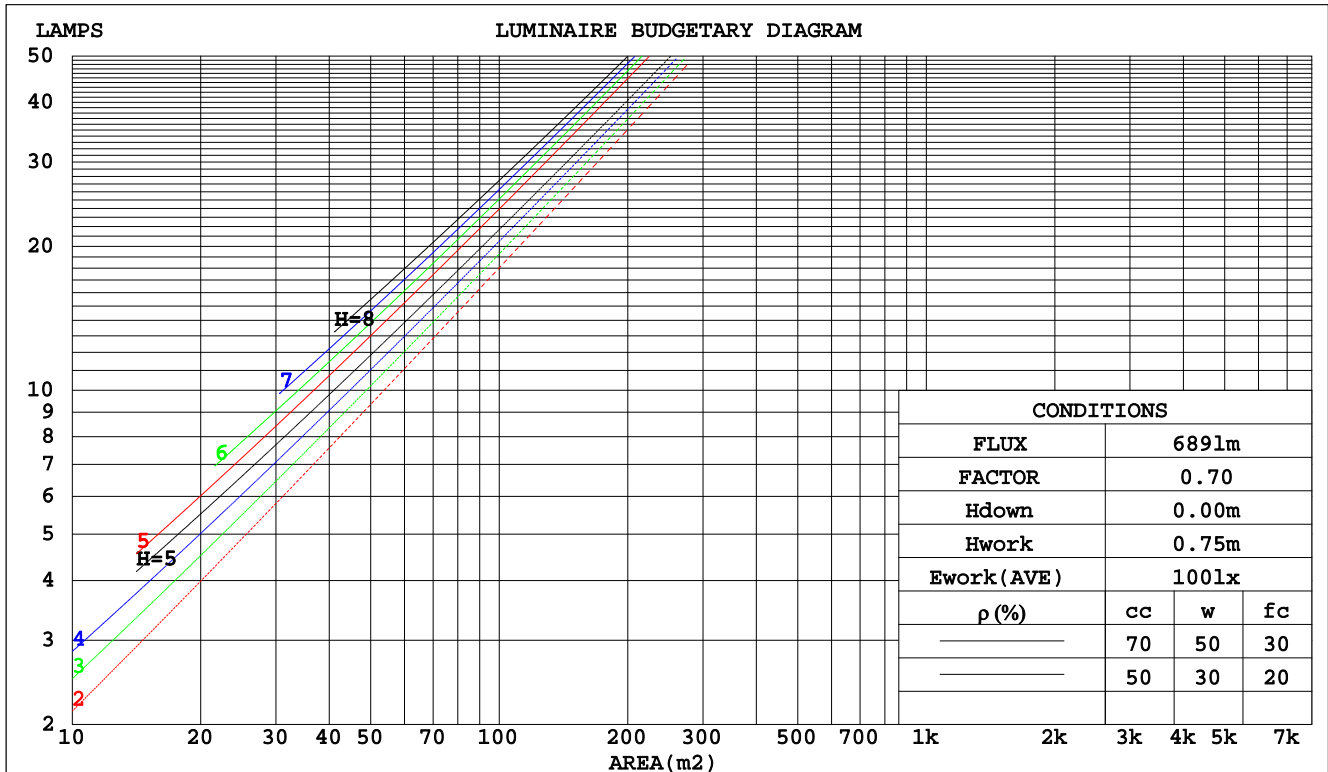
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2017-05-15

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:0.0485A P:10.15W PF:0.9479 Lamp Flux:689.123x1 lm		
NAME: FF3-FS1-9W-940-40D 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	1.00
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	1.02	.99	1.04	1.01	.98	1.01	.98	.96	.98	.96	.94	.95	.94	.92	.91
3.0	1.00	.96	.93	.99	.95	.92	.96	.93	.91	.94	.91	.89	.92	.90	.88	.87
4.0	.95	.91	.87	.94	.90	.87	.92	.89	.86	.90	.87	.85	.89	.86	.84	.83
5.0	.91	.86	.83	.90	.86	.82	.88	.85	.82	.87	.84	.81	.85	.83	.80	.79
6.0	.87	.82	.79	.86	.82	.79	.85	.81	.78	.84	.80	.78	.82	.79	.77	.76
7.0	.83	.79	.75	.83	.78	.75	.82	.78	.75	.81	.77	.74	.80	.76	.74	.73
8.0	.80	.75	.72	.80	.75	.72	.79	.75	.72	.78	.74	.71	.77	.74	.71	.70
9.0	.77	.72	.69	.77	.72	.69	.76	.72	.69	.75	.71	.69	.74	.71	.68	.67
10.0	.74	.70	.67	.74	.69	.66	.73	.69	.66	.72	.69	.66	.72	.68	.66	.65



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-05-15

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:0.0485A P:10.15W PF:0.9479 Lamp Flux:689.123x1 lm		
NAME: FF3-FS1-9W-940-40D 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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.154	.088	.028	.148	.084	.027	.135	.078	.025	.124	.071	.023	.113	.066	.021	
2.0	.145	.079	.024	.139	.077	.024	.129	.072	.022	.119	.067	.021	.110	.062	.020	
3.0	.136	.072	.022	.131	.070	.021	.122	.066	.020	.114	.063	.019	.107	.059	.018	
4.0	.128	.067	.020	.124	.065	.019	.117	.062	.018	.110	.059	.018	.103	.056	.017	
5.0	.121	.062	.018	.118	.060	.018	.111	.058	.017	.105	.056	.017	.100	.053	.016	
6.0	.115	.058	.017	.112	.057	.016	.107	.055	.016	.101	.053	.015	.096	.051	.015	
7.0	.110	.054	.015	.107	.053	.015	.102	.052	.015	.098	.050	.015	.093	.048	.014	
8.0	.105	.051	.014	.102	.050	.014	.098	.049	.014	.094	.048	.014	.090	.046	.013	
9.0	.100	.048	.014	.098	.048	.013	.094	.047	.013	.091	.045	.013	.087	.044	.013	
10.0	.096	.046	.013	.094	.046	.013	.091	.045	.013	.088	.044	.012	.085	.043	.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	.170	.158	.147	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.153	.133	.116	.131	.114	.100	.090	.079	.070	.052	.046	.041	.017	.015	.013	
3.0	.139	.113	.093	.119	.098	.081	.082	.068	.057	.047	.040	.033	.015	.013	.011	
4.0	.127	.098	.076	.109	.085	.066	.075	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.117	.086	.063	.101	.075	.055	.069	.052	.039	.040	.031	.023	.013	.010	.008	
6.0	.109	.077	.053	.094	.066	.046	.065	.046	.033	.037	.027	.020	.012	.009	.006	
7.0	.102	.069	.045	.087	.059	.040	.060	.042	.028	.035	.025	.017	.011	.008	.006	
8.0	.096	.062	.039	.082	.054	.034	.057	.038	.024	.033	.022	.014	.011	.007	.005	
9.0	.090	.057	.034	.078	.049	.030	.054	.035	.021	.031	.020	.013	.010	.007	.004	
10.0	.085	.052	.030	.074	.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:2017-05-15

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:0.0485A P:10.15W PF:0.9479 Lamp Flux:689.123x1 lm										
NAME: FF3-FS1-9W-940-40D 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	8.3	9.0	8.5	9.2	9.3	8.8	9.5	9.0	9.7	9.8
3H	8.6	9.3	8.9	9.5	9.7	9.2	9.9	9.5	10.1	10.3
4H	8.7	9.3	8.9	9.5	9.8	9.4	10.0	9.6	10.2	10.4
6H	8.7	9.3	8.9	9.5	9.8	9.4	10.0	9.7	10.2	10.5
8H	8.6	9.3	8.9	9.5	9.8	9.4	10.0	9.7	10.2	10.5
12H	8.6	9.2	8.9	9.5	9.7	9.4	9.9	9.7	10.2	10.5
4H 2H	8.4	9.1	8.7	9.3	9.5	8.9	9.5	9.1	9.7	10.0
3H	8.9	9.5	9.2	9.7	10.0	9.5	10.0	9.8	10.3	10.6
4H	8.9	9.5	9.3	9.8	10.1	9.6	10.1	9.9	10.4	10.7
6H	9.0	9.5	9.4	9.8	10.1	9.7	10.1	10.0	10.5	10.8
8H	9.0	9.4	9.4	9.8	10.1	9.7	10.1	10.1	10.5	10.8
12H	9.0	9.4	9.4	9.7	10.1	9.7	10.1	10.1	10.5	10.8
8H 4H	8.9	9.4	9.3	9.7	10.1	9.6	10.0	9.9	10.3	10.7
6H	9.0	9.4	9.4	9.8	10.2	9.7	10.0	10.1	10.4	10.8
8H	9.0	9.3	9.5	9.8	10.2	9.7	10.0	10.1	10.4	10.9
12H	9.0	9.3	9.5	9.7	10.2	9.7	10.0	10.2	10.4	10.9
12H 4H	8.9	9.3	9.3	9.7	10.1	9.5	9.9	9.9	10.3	10.7
6H	9.0	9.3	9.4	9.7	10.2	9.6	9.9	10.1	10.4	10.8
8H	9.0	9.3	9.5	9.7	10.2	9.7	9.9	10.1	10.4	10.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.9 / - 1.0					+ 1.1 / - 1.0				
1.5H	+ 1.5 / - 0.7					+ 1.8 / - 0.6				
2.0H	+ 0.9 / - 0.7					+ 1.0 / - 0.8				

CIE Pub.117 Corrected 689.1 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.3)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-05-15

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:0.0485A P:10.15W PF:0.9479 Lamp Flux:689.123x1 lm		
NAME: FF3-FS1-9W-940-40D 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) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	80	89	83	80	88	83	80	76
0.80	96	91	87	96	91	87	95	90	87	83
1.00	100	95	92	100	95	91	98	94	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	101	96
3.00	112	109	106	110	108	105	107	105	103	97
4.00	114	112	109	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:2017-05-15

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:0.0485A P:10.15W PF:0.9479 Lamp Flux:689.123x1 lm		
NAME: FF3-FS1-9W-940-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L153mm*W45mm*H60mm	
MFR.:		

Conical surface Flux(90deg):

670.13 lm

%lum = 97.2%

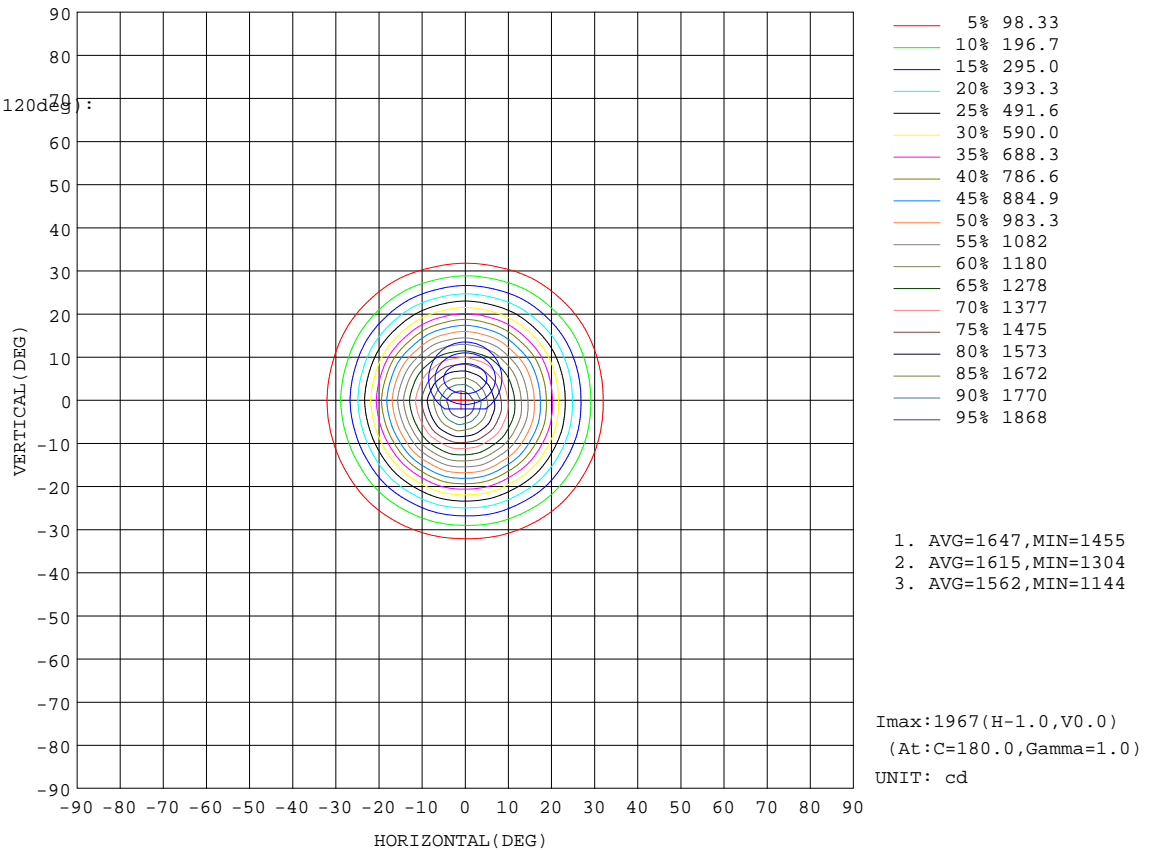
%lamp = 97.2%

Conical surface Flux(120deg):

682.3 lm

%lum = 99.0%

%lamp = 99.0%

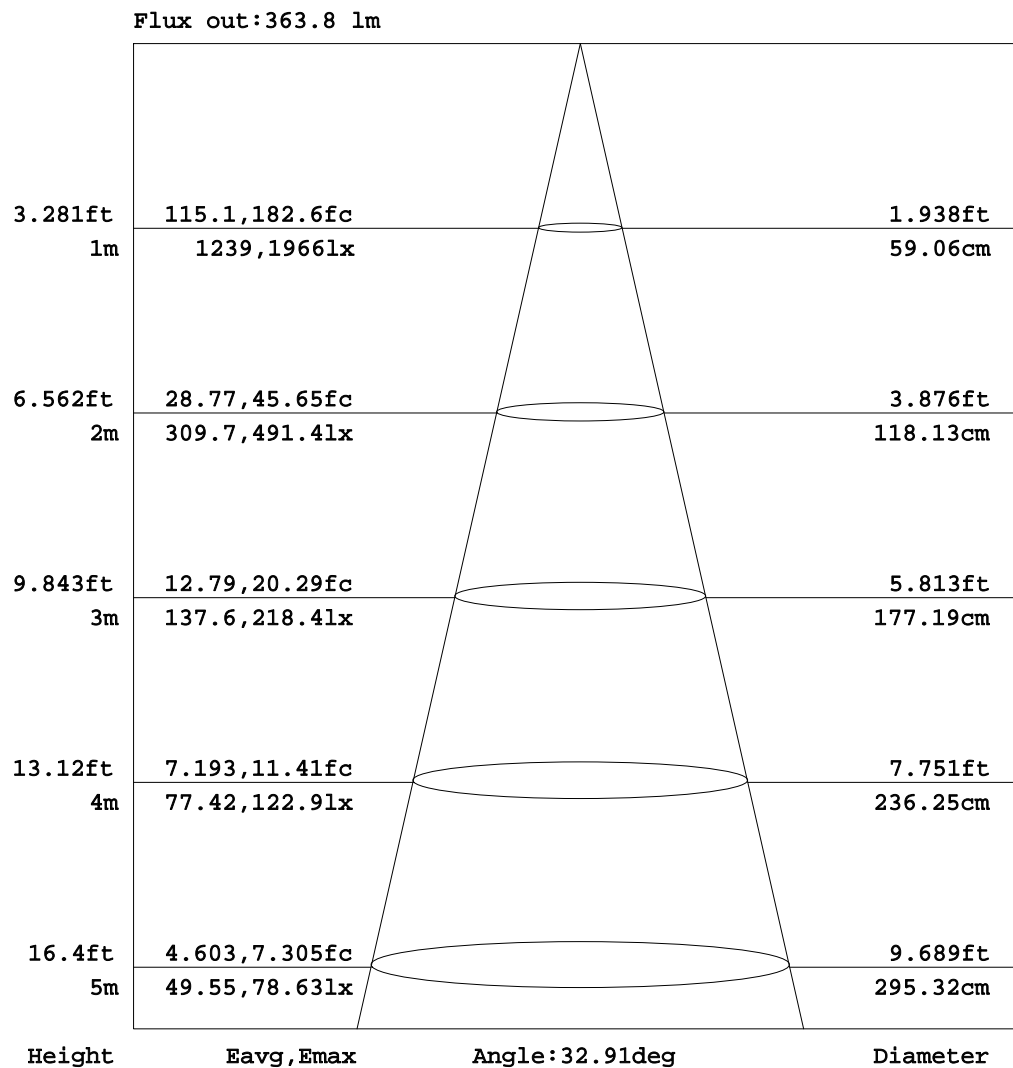


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-05-15

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:0.0485A P:10.15W PF:0.9479 Lamp Flux:689.123x1 lm		
NAME: FF3-FS1-9W-940-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L153mm*W45mm*H60mm	
MFR.:		



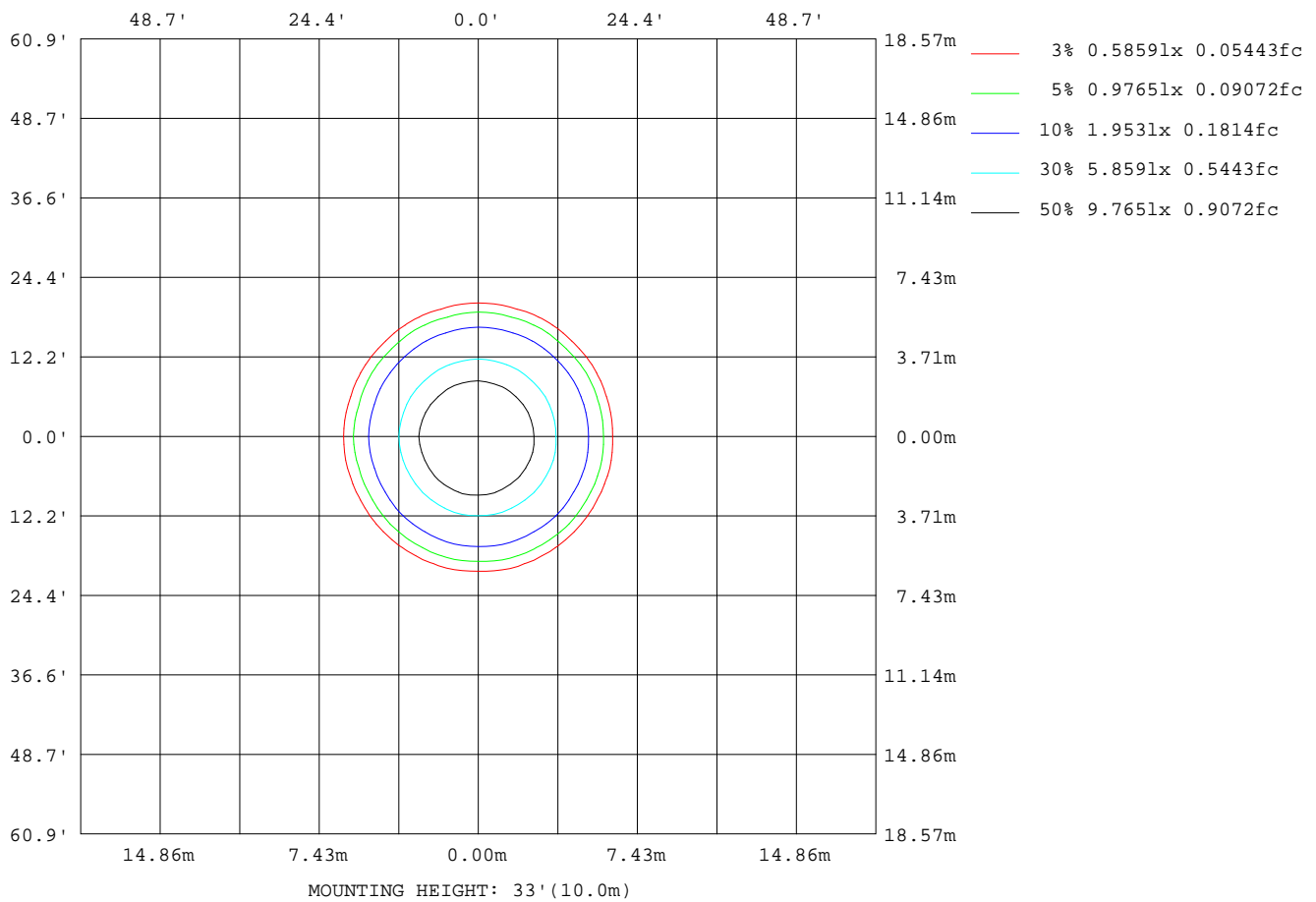
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-05-15

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

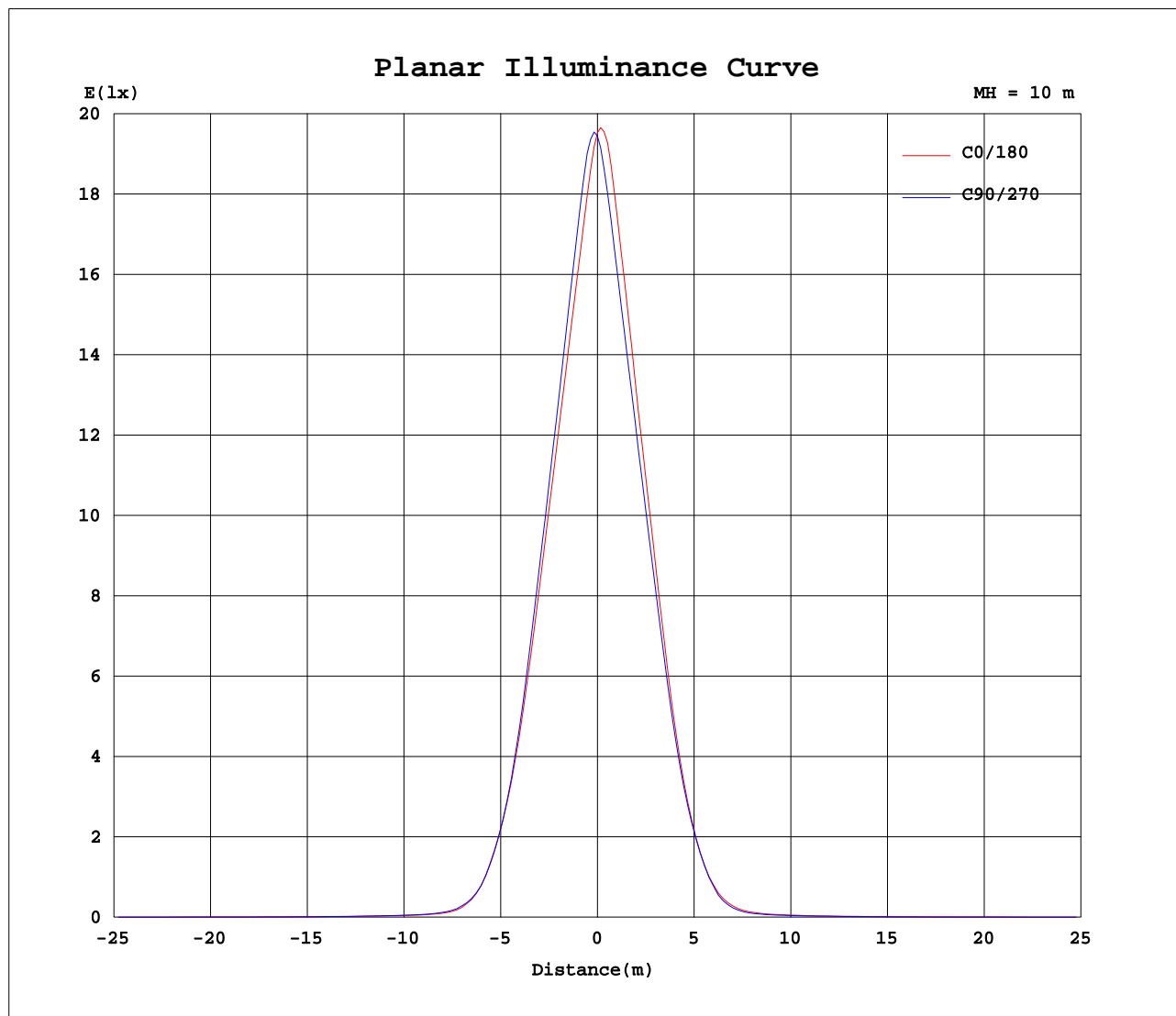
Test:U:220.8V I:0.0485A P:10.15W PF:0.9479 Lamp Flux:689.123x1 lm		
NAME: FF3-FS1-9W-940-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L153mm*W45mm*H60mm	
MFR.:		



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2017-05-15

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: 2017-05-15

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:0.0485A P:10.15W PF:0.9479 Lamp Flux:689.123x1 lm		
NAME: FF3-FS1-9W-940-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	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:220.8V I:0.0485A P:10.15W PF:0.9479 Lamp Flux:689.123x1 lm		
NAME: FF3-FS1-9W-940-40D 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: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-05-15

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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:

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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	1953	1953	1949	1948	1947	1944	1945	1940	1942	1936
3.0	1803	1820	1827	1857	1873	1899	1909	1923	1928	1931
6.0	1616	1637	1647	1673	1687	1713	1728	1763	1760	1769
9.0	1430	1453	1461	1487	1496	1522	1528	1552	1551	1562
12.0	1243	1265	1270	1289	1294	1317	1323	1342	1332	1342
15.0	1050	1071	1072	1089	1088	1115	1112	1129	1120	1124
18.0	842.7	863.7	863.6	878.3	873.0	893.4	893.1	905.5	888.7	892.2
21.0	632.2	648.5	647.4	657.4	650.2	663.5	658.9	667.4	648.1	650.4
24.0	440.7	452.9	450.6	456.9	450.1	457.0	450.7	454.5	441.7	441.2
27.0	286.8	295.1	291.0	297.7	290.6	294.0	286.3	287.1	277.2	278.3
30.0	161.1	165.9	163.9	168.6	164.7	165.3	158.7	159.9	154.9	154.1
33.0	75.62	77.89	78.07	80.52	81.31	82.21	80.47	80.84	79.31	79.38
36.0	35.15	36.90	37.53	38.49	39.78	41.52	40.56	40.86	41.87	42.84
39.0	20.64	21.50	21.91	23.04	23.30	24.14	24.30	25.24	25.52	25.81
42.0	14.78	15.30	15.84	16.56	16.87	17.56	17.76	18.39	18.58	19.15
45.0	12.38	12.81	13.28	13.88	14.11	14.50	14.74	15.06	15.53	15.94
48.0	10.77	11.11	11.39	11.93	12.11	12.39	12.58	12.95	13.28	13.49
51.0	9.220	9.478	9.697	10.07	10.29	10.59	10.80	11.07	11.26	11.45
54.0	7.658	7.851	8.095	8.394	8.523	8.877	9.035	9.325	9.381	9.511
57.0	6.552	6.679	6.828	7.046	7.176	7.454	7.526	7.715	7.860	7.973
60.0	5.644	5.772	5.887	6.102	6.228	6.410	6.538	6.679	6.762	6.854
63.0	4.735	4.862	4.965	5.177	5.308	5.489	5.599	5.763	5.815	5.894
66.0	3.849	3.953	4.055	4.257	4.374	4.567	4.672	4.836	4.873	4.943
69.0	2.968	3.065	3.150	3.343	3.462	3.642	3.757	3.905	3.937	4.005
72.0	2.035	2.172	2.267	2.431	2.534	2.721	2.829	2.977	2.984	3.041
75.0	1.278	1.328	1.360	1.433	1.471	1.571	1.626	1.760	1.762	1.847
78.0	0.9349	0.9765	1.007	1.059	1.095	1.156	1.180	1.228	1.239	1.267
81.0	0.6285	0.6682	0.6919	0.7382	0.7642	0.8081	0.8255	0.8627	0.8715	0.8955
84.0	0.3553	0.3927	0.4143	0.4517	0.4713	0.5129	0.5238	0.5588	0.5632	0.5806
87.0	0.1212	0.1371	0.1737	0.1896	0.2174	0.2377	0.2633	0.2770	0.2852	0.2923
90.0	0.0306	0.0306	0.0306	0.0306	0.0328	0.0306	0.0415	0.0415	0.0547	0.0503
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	1938	1932	1953	1949	1948	1947	1944	1945	1940	1936
3.0	1924	1920	1936	1904	1886	1854	1837	1815	1809	1787
6.0	1764	1755	1762	1726	1713	1672	1657	1628	1623	1601
9.0	1549	1549	1560	1527	1509	1478	1468	1438	1432	1415
12.0	1328	1331	1343	1315	1303	1273	1268	1247	1242	1225
15.0	1107	1113	1132	1104	1090	1064	1065	1045	1047	1031
18.0	879.0	886.0	900.1	875.1	870.3	845.1	845.3	832.4	840.8	827.1
21.0	640.4	645.8	657.9	638.4	639.5	620.2	624.0	615.3	624.3	615.5
24.0	431.2	434.9	448.4	434.3	434.8	423.2	429.2	423.8	431.0	425.9
27.0	266.9	269.7	280.2	271.2	273.4	267.9	271.6	268.0	276.0	274.5
30.0	145.8	148.1	155.6	148.0	150.5	146.2	150.5	146.2	152.8	150.5
33.0	77.26	77.33	79.35	75.11	74.42	70.94	72.25	69.52	70.55	69.43
36.0	39.89	39.21	41.28	38.25	37.82	35.16	34.83	32.78	33.98	32.50
39.0	25.13	24.89	25.31	23.95	23.14	21.95	20.98	20.20	19.84	19.53
42.0	18.52	18.21	18.26	17.71	17.33	16.59	15.58	14.79	14.50	14.08
45.0	15.40	15.04	15.09	14.66	14.59	14.02	13.20	12.54	12.25	12.02
48.0	13.15	12.89	12.98	12.63	12.44	11.98	11.47	10.97	10.69	10.50
51.0	11.16	11.13	11.26	10.86	10.57	10.14	9.848	9.422	9.232	9.041
54.0	9.374	9.450	9.536	9.168	8.859	8.516	8.241	7.928	7.813	7.576
57.0	7.865	7.859	8.030	7.749	7.504	7.220	7.028	6.807	6.694	6.546
60.0	6.823	6.821	6.901	6.654	6.514	6.275	6.099	5.879	5.788	5.641
63.0	5.879	5.876	5.928	5.701	5.558	5.329	5.147	4.944	4.859	4.726
66.0	4.930	4.932	4.960	4.747	4.619	4.387	4.217	4.024	3.967	3.833
69.0	3.981	3.992	4.006	3.785	3.667	3.442	3.296	3.129	3.075	2.952
72.0	3.017	3.032	3.026	2.832	2.707	2.493	2.377	2.216	2.159	2.032
75.0	1.773	1.763	1.753	1.631	1.581	1.480	1.435	1.355	1.328	1.276
78.0	1.257	1.239	1.247	1.197	1.162	1.099	1.057	1.005	0.9697	0.9367
81.0	0.8824	0.8715	0.8755	0.8383	0.8165	0.7639	0.7378	0.6851	0.6658	0.6348
84.0	0.5654	0.5653	0.5542	0.5235	0.5082	0.4623	0.4449	0.4053	0.3859	0.3616
87.0	0.2896	0.2792	0.2724	0.2522	0.2221	0.1997	0.1675	0.1516	0.1216	0.1144
90.0	0.0547	0.0459	0.0328	0.0306	0.0241	0.0219	0.0219	0.0241	0.0241	0.0241
G/C	300.0	315.0	330.0	345.0						
0.0	1942	1936	1938	1932						
3.0	1782	1771	1780	1782						
6.0	1599	1591	1601	1600						
9.0	1419	1409	1420	1419						
12.0	1235	1223	1231	1229						
15.0	1038	1030	1042	1040						
18.0	834.1	828.6	844.5	839.6						
21.0	625.9	622.5	636.3	632.2						

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.3DEG

Operators: Meng Yongjian

Test Date: 2017-05-15

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	435.5	434.0	445.1	440.4
27.0	282.0	281.2	288.2	287.2
30.0	157.0	153.7	161.2	160.5
33.0	73.28	71.98	74.81	74.13
36.0	33.90	33.53	35.54	34.74
39.0	19.99	19.93	20.35	20.29
42.0	14.35	14.36	14.56	14.31
45.0	12.17	12.11	12.20	12.08
48.0	10.55	10.46	10.47	10.47
51.0	8.997	8.840	8.910	8.941
54.0	7.550	7.418	7.491	7.460
57.0	6.480	6.376	6.412	6.402
60.0	5.578	5.473	5.513	5.521
63.0	4.671	4.575	4.614	4.636
66.0	3.782	3.698	3.738	3.757
69.0	2.905	2.827	2.865	2.893
72.0	2.000	1.921	1.980	1.984
75.0	1.269	1.247	1.260	1.254
78.0	0.9303	0.9127	0.9194	0.9170
81.0	0.6330	0.6152	0.6264	0.6195
84.0	0.3597	0.3506	0.3532	0.3528
87.0	0.0977	0.1057	0.0956	0.1166
90.0	0.0219	0.0241	0.0241	0.0262

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-05-15

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: