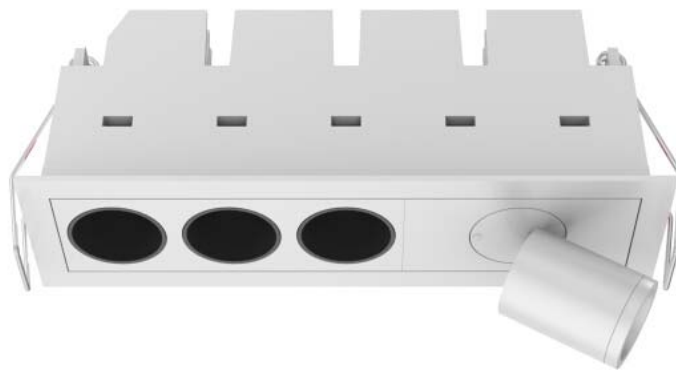


LED Downlight FUSION Series LE-FF3-FS1-9W-940-24D
Black



Light Output Ratio:	100.0%	
Luminaire Power:	10.23 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	1.00	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

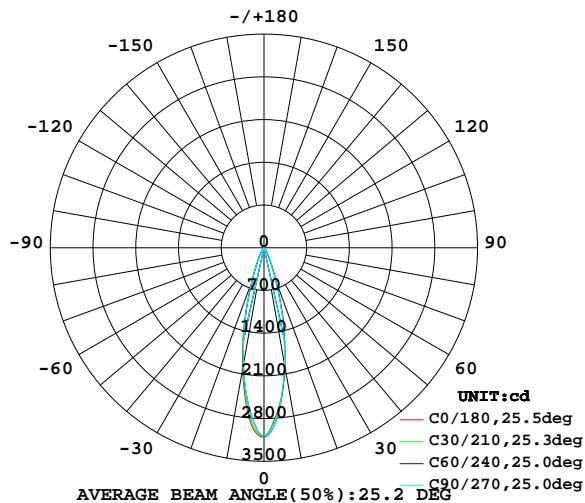
γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

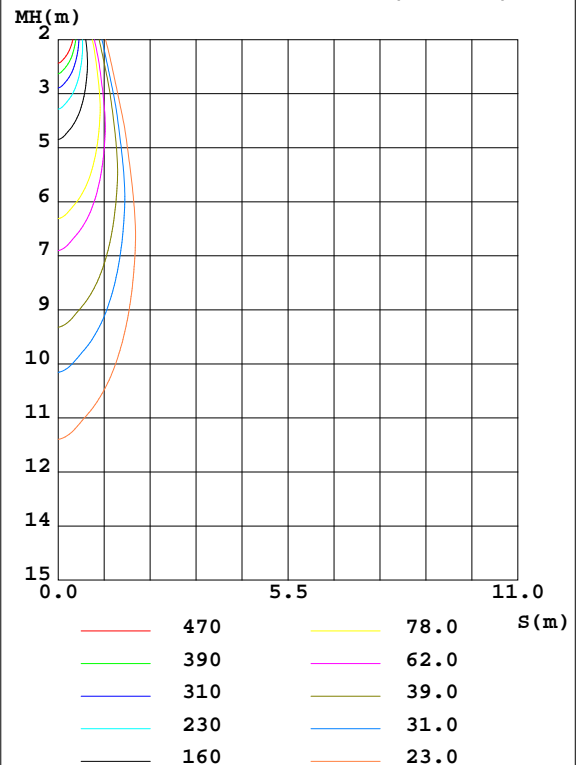
Test:U:220.8V I:0.0540A P:10.23W PF:0.8585 Lamp Flux:744.83lx1 lm		
NAME: FF3-FS1-9W-940-24D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L153mm*W45mm*H60mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 72.84 lm/W			
MODEL	CREE-4000K	I _{max} (cd)	3102	S/MH(C0/180)	0.43
NOMINAL POWER(W)	11.0	LOR(%)	100.0	S/MH(C90/270)	0.42
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	744.83	η UP,DN(C0-180)	0.0,49.8
NOMINAL FLUX(lm)	744.831	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.2
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



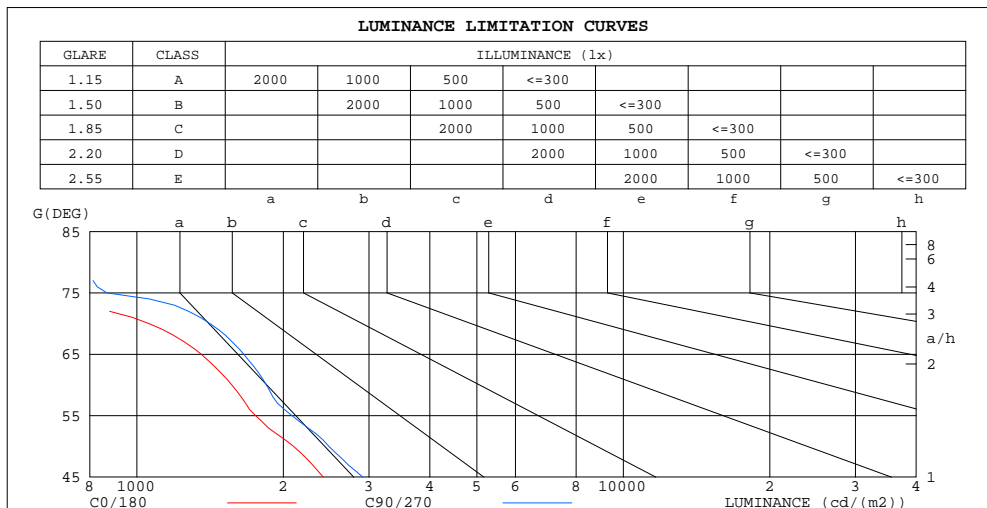
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-06-05

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	$\%lum, lamp$
10	1966	1982	1939	1954	2021	1936	1947	1966	0- 10	234.4	234.4	31.5,31.5
20	568.1	588.5	555.8	540.6	594.5	555.3	569.8	603.0	10- 20	322.2	556.5	74.7,74.7
30	128.6	136.4	136.3	143.6	142.7	137.5	134.2	128.1	20- 30	128.5	685.1	92,92
40	19.25	21.43	22.34	23.78	23.94	21.57	20.07	20.06	30- 40	35.50	720.6	96.7,96.7
50	9.229	10.10	10.92	11.74	11.50	10.49	9.477	9.002	40- 50	10.60	731.2	98.2,98.2
60	5.360	5.820	6.313	6.686	6.739	6.146	5.653	5.287	50- 60	7.026	738.2	99.1,99.1
70	2.480	2.846	3.307	3.609	3.650	3.109	2.741	2.425	60- 70	4.445	742.7	99.7,99.7
80	0.6766	0.7754	0.8889	0.9917	0.9914	0.8623	0.7467	0.6851	70- 80	1.761	744.4	99.9,99.9
90	0.0306	0.0306	0.0415	0.0481	0.0525	0.0262	0.0241	0.0241	80- 90	0.4078	744.8	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	405	677
80	570	748
75	671	868
70	1060	1414
65	1356	1659
60	1567	1846
55	1755	2084
50	2099	2483
45	2416	2915

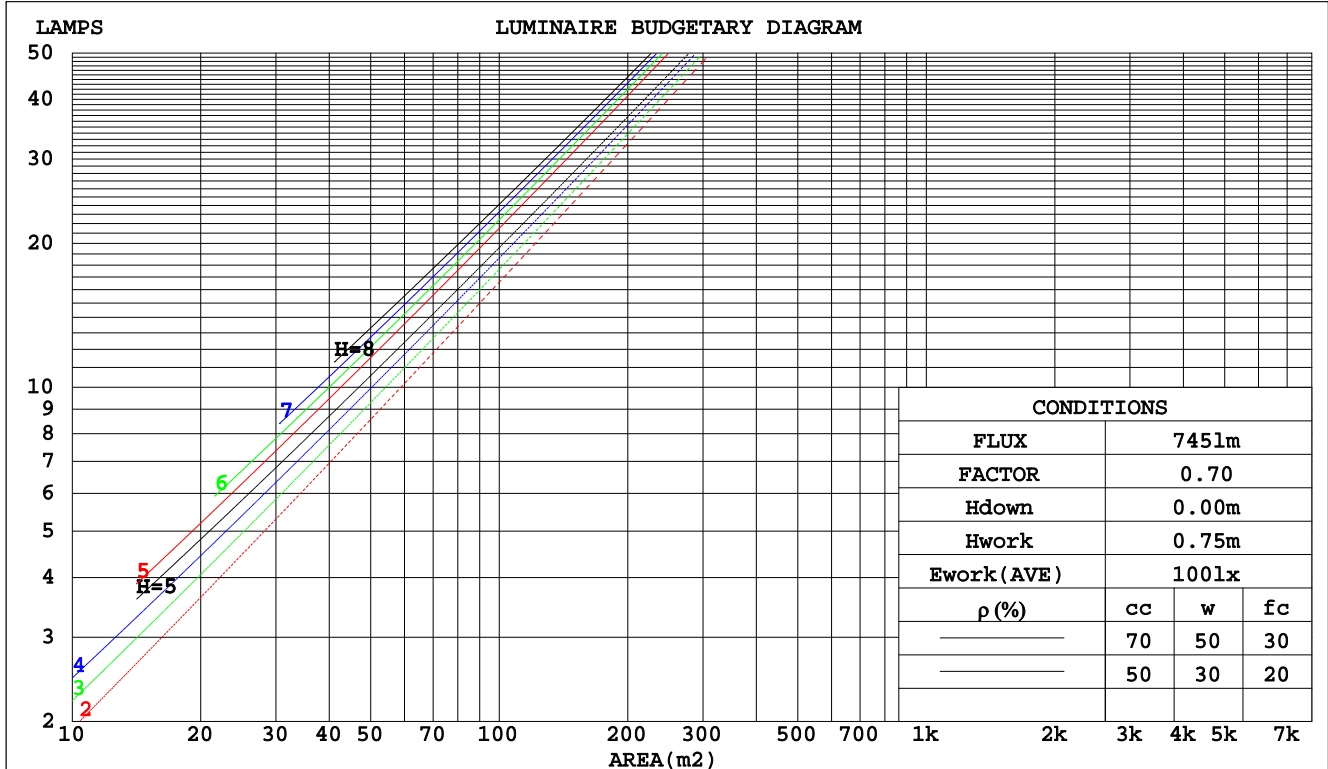
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-06-05

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:220.8V I:0.0540A P:10.23W PF:0.8585 Lamp Flux:744.83lx1 lm		
NAME: FF3-FS1-9W-940-24D 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	.00
1.0	1.12	1.10	1.09	1.10	1.09	1.07	1.06	1.05	1.04	1.03	1.02	1.01	.99	.98	.98	.96
2.0	1.07	1.04	1.01	1.05	1.02	.00	1.02	.00	.98	.99	.97	.96	.96	.95	.94	.92
3.0	1.02	.98	.95	1.00	.97	.94	.98	.95	.93	.96	.93	.91	.94	.92	.90	.89
4.0	.97	.93	.90	.96	.92	.89	.94	.91	.88	.92	.90	.87	.91	.88	.86	.85
5.0	.94	.89	.86	.93	.89	.86	.91	.87	.85	.89	.86	.84	.88	.85	.83	.82
6.0	.90	.86	.82	.89	.85	.82	.88	.84	.82	.87	.83	.81	.85	.83	.81	.79
7.0	.87	.82	.79	.86	.82	.79	.85	.81	.79	.84	.81	.78	.83	.80	.78	.77
8.0	.84	.79	.76	.83	.79	.76	.82	.79	.76	.82	.78	.76	.81	.78	.75	.74
9.0	.81	.77	.74	.81	.77	.74	.80	.76	.74	.79	.76	.73	.78	.75	.73	.72
10.0	.79	.74	.72	.78	.74	.72	.78	.74	.71	.77	.74	.71	.76	.73	.71	.70



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:220.8V I:0.0540A P:10.23W PF:0.8585 Lamp Flux:744.83lx1 lm		
NAME: FF3-FS1-9W-940-24D 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	.145	.083	.026	.139	.079	.025	.126	.072	.023	.115	.066	.021	.104	.060	.019		
2.0	.135	.074	.023	.130	.071	.022	.119	.066	.021	.110	.062	.019	.101	.057	.018		
3.0	.126	.067	.020	.122	.065	.020	.113	.061	.019	.105	.058	.018	.098	.054	.017		
4.0	.119	.062	.018	.115	.060	.018	.107	.057	.017	.101	.054	.016	.094	.051	.016		
5.0	.112	.057	.016	.108	.056	.016	.102	.053	.016	.096	.051	.015	.091	.049	.015		
6.0	.106	.053	.015	.103	.052	.015	.097	.050	.015	.092	.048	.014	.088	.046	.014		
7.0	.100	.050	.014	.098	.049	.014	.093	.047	.014	.089	.046	.013	.085	.044	.013		
8.0	.096	.047	.013	.093	.046	.013	.089	.045	.013	.085	.043	.012	.082	.042	.012		
9.0	.091	.044	.012	.089	.044	.012	.086	.042	.012	.082	.041	.012	.079	.040	.012		
10.0	.087	.042	.012	.086	.041	.012	.083	.040	.011	.079	.039	.011	.077	.039	.011		

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	.151	.133	.117	.130	.114	.101	.089	.079	.071	.051	.046	.041	.016	.015	.013	
3.0	.137	.113	.095	.117	.098	.082	.081	.068	.058	.047	.040	.034	.015	.013	.011	
4.0	.125	.098	.078	.107	.085	.068	.074	.059	.048	.043	.035	.028	.014	.011	.009	
5.0	.114	.086	.065	.098	.074	.056	.068	.052	.040	.039	.030	.024	.013	.010	.008	
6.0	.106	.076	.055	.091	.066	.048	.063	.046	.034	.036	.027	.020	.012	.009	.007	
7.0	.098	.068	.047	.085	.059	.041	.058	.041	.029	.034	.024	.017	.011	.008	.006	
8.0	.092	.061	.040	.079	.053	.035	.055	.037	.025	.032	.022	.015	.010	.007	.005	
9.0	.086	.056	.035	.074	.048	.030	.051	.034	.022	.030	.020	.013	.010	.007	.004	
10.0	.081	.051	.031	.070	.044	.027	.049	.031	.019	.028	.018	.011	.009	.006	.004	

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

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:220.8V I:0.0540A P:10.23W PF:0.8585 Lamp Flux:744.83lx1 lm											
NAME: FF3-FS1-9W-940-24D 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	2H	7.8	8.5	8.0	8.6	8.8	8.1	8.8	8.3	9.0	9.1
	3H	8.1	8.8	8.4	9.0	9.1	8.6	9.3	8.9	9.5	9.6
	4H	8.2	8.8	8.4	9.0	9.2	8.7	9.3	9.0	9.6	9.8
	6H	8.1	8.7	8.4	9.0	9.2	8.8	9.3	9.0	9.6	9.8
	8H	8.1	8.7	8.4	8.9	9.2	8.8	9.3	9.0	9.6	9.8
	12H	8.1	8.6	8.4	8.9	9.2	8.7	9.3	9.0	9.5	9.8
4H	2H	7.9	8.5	8.2	8.7	9.0	8.2	8.9	8.5	9.1	9.3
	3H	8.4	8.9	8.7	9.2	9.4	8.8	9.4	9.1	9.6	9.9
	4H	8.4	8.9	8.8	9.2	9.5	9.0	9.5	9.3	9.8	10.1
	6H	8.4	8.9	8.8	9.2	9.6	9.0	9.5	9.4	9.8	10.1
	8H	8.4	8.8	8.8	9.2	9.6	9.0	9.5	9.4	9.8	10.2
	12H	8.4	8.8	8.8	9.2	9.5	9.0	9.4	9.4	9.8	10.2
8H	4H	8.4	8.8	8.8	9.1	9.5	8.9	9.3	9.3	9.7	10.0
	6H	8.4	8.8	8.9	9.2	9.6	9.0	9.4	9.4	9.8	10.2
	8H	8.5	8.8	8.9	9.2	9.6	9.1	9.4	9.5	9.8	10.2
	12H	8.4	8.7	8.9	9.1	9.6	9.1	9.3	9.5	9.8	10.2
12H	4H	8.3	8.7	8.7	9.1	9.5	8.9	9.3	9.3	9.6	10.0
	6H	8.4	8.7	8.9	9.1	9.6	9.0	9.3	9.4	9.7	10.1
	8H	8.4	8.7	8.9	9.1	9.6	9.0	9.3	9.5	9.7	10.2
Variations with the observer position at spacings:											
S = 1.0H		+ 0.9 / - 1.1				+ 1.1 / - 1.1					
1.5H		+ 1.5 / - 0.8				+ 1.9 / - 0.7					
2.0H		+ 0.9 / - 0.7				+ 1.0 / - 0.8					

CIE Pub.117 Corrected 744.8 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.0)

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:220.8V I:0.0540A P:10.23W PF:0.8585 Lamp Flux:744.83lx1 lm		
NAME: FF3-FS1-9W-940-24D 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) $k(RI) \times RCR = 5$									
$k = 0.60$	90	84	80	89	83	80	88	83	80	76
0.80	97	91	88	96	91	88	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	112	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:220.8V I:0.0540A P:10.23W PF:0.8585 Lamp Flux:744.83lx1 lm		
NAME: FF3-FS1-9W-940-24D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L153mm*W45mm*H60mm	
MFR.:		

Conical surface Flux(90deg):

726.47 lm

%lum = 97.5%

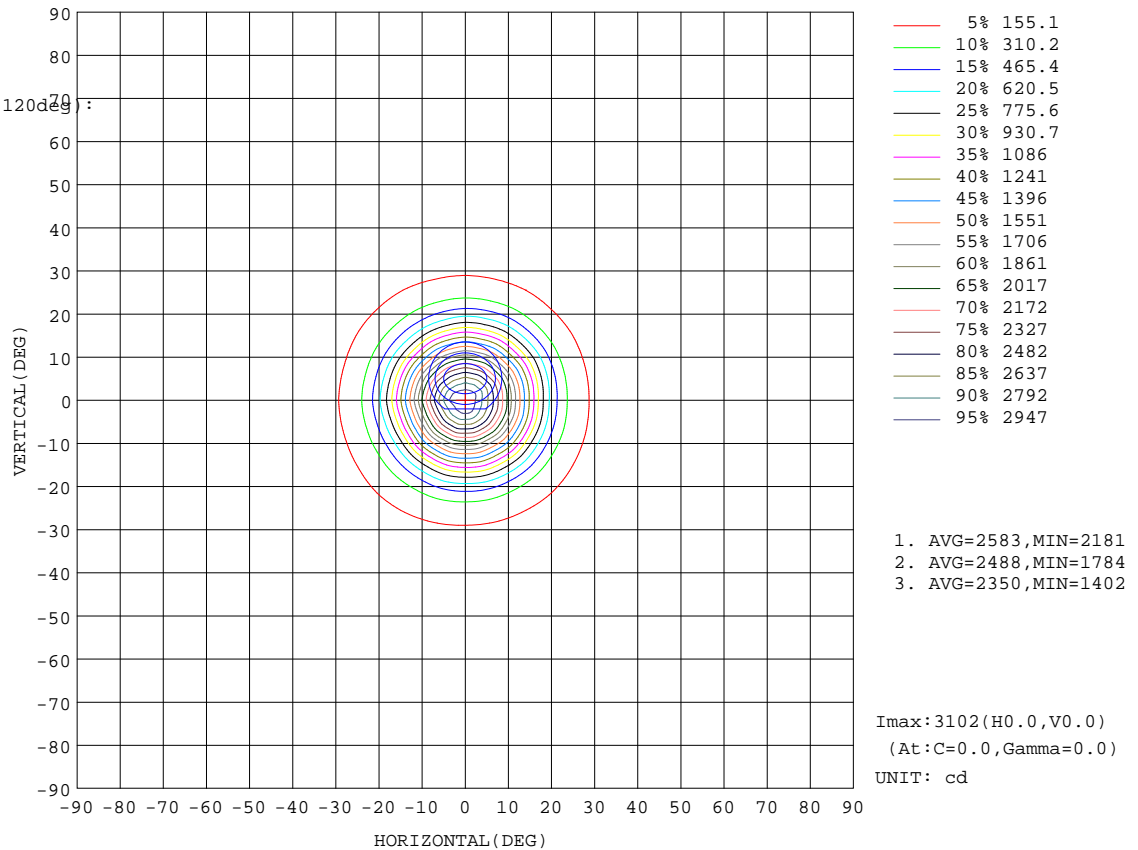
%lamp = 97.5%

Conical surface Flux(120deg):

738.22 lm

%lum = 99.1%

%lamp = 99.1%

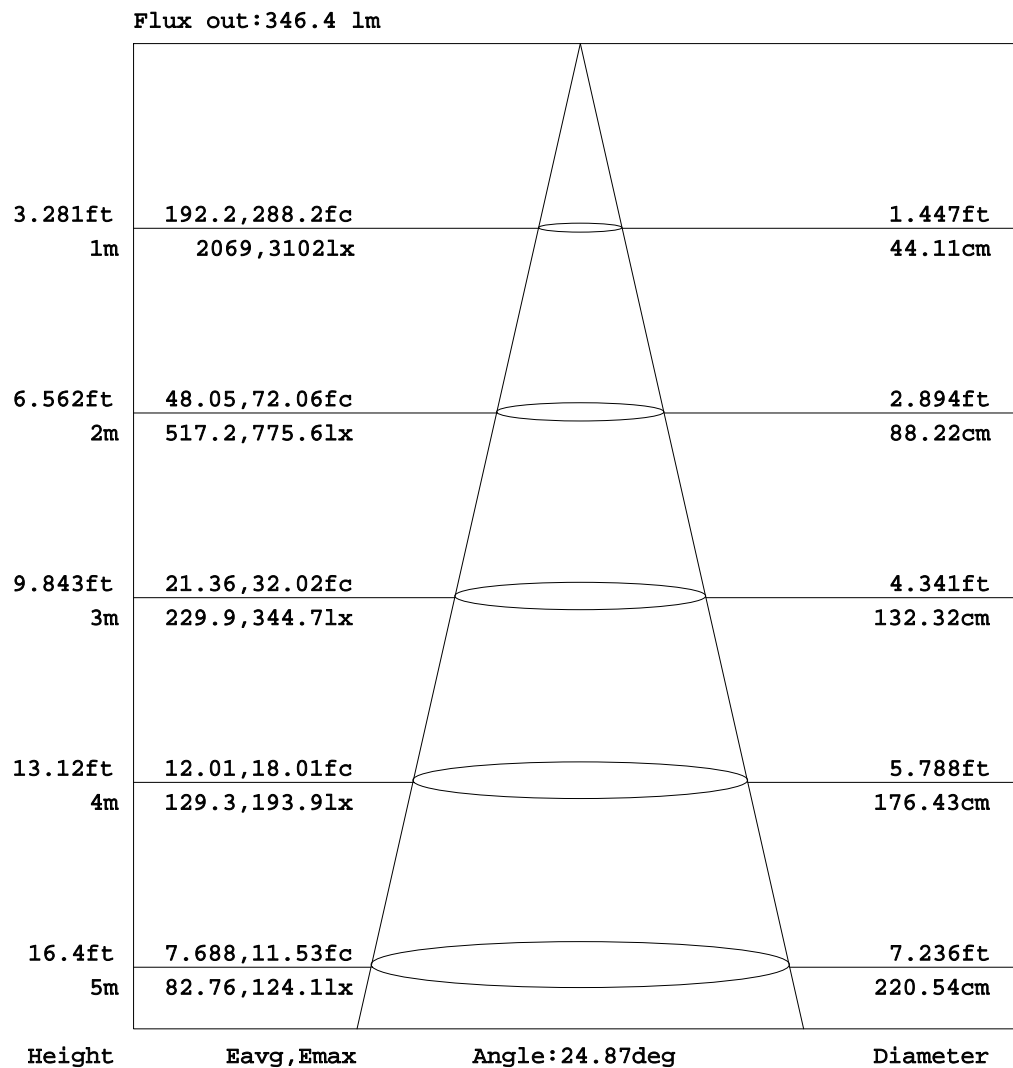


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-06-05

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:220.8V I:0.0540A P:10.23W PF:0.8585 Lamp Flux:744.83lx1 lm		
NAME: FF3-FS1-9W-940-24D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L153mm*W45mm*H60mm	
MFR.:		



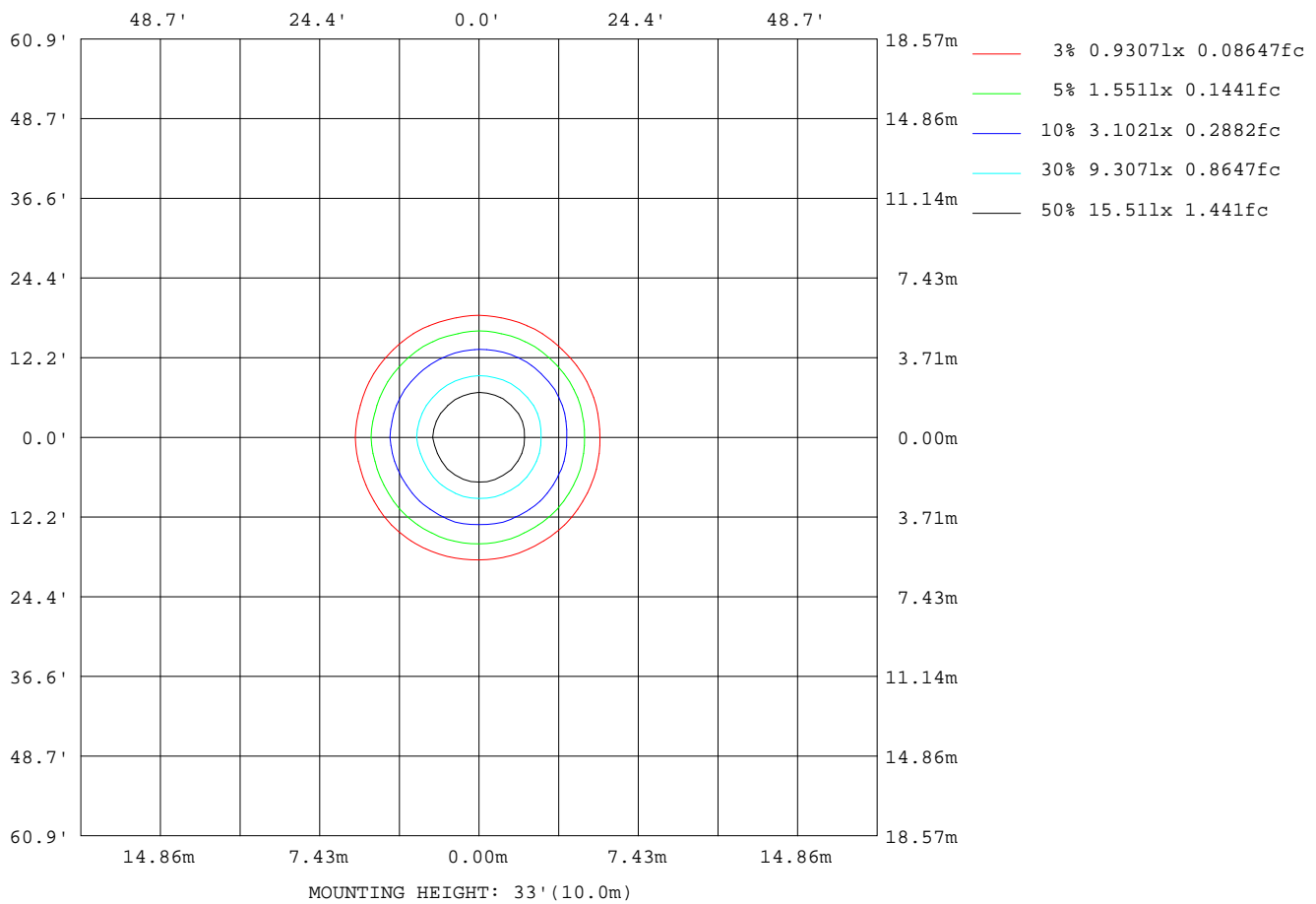
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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

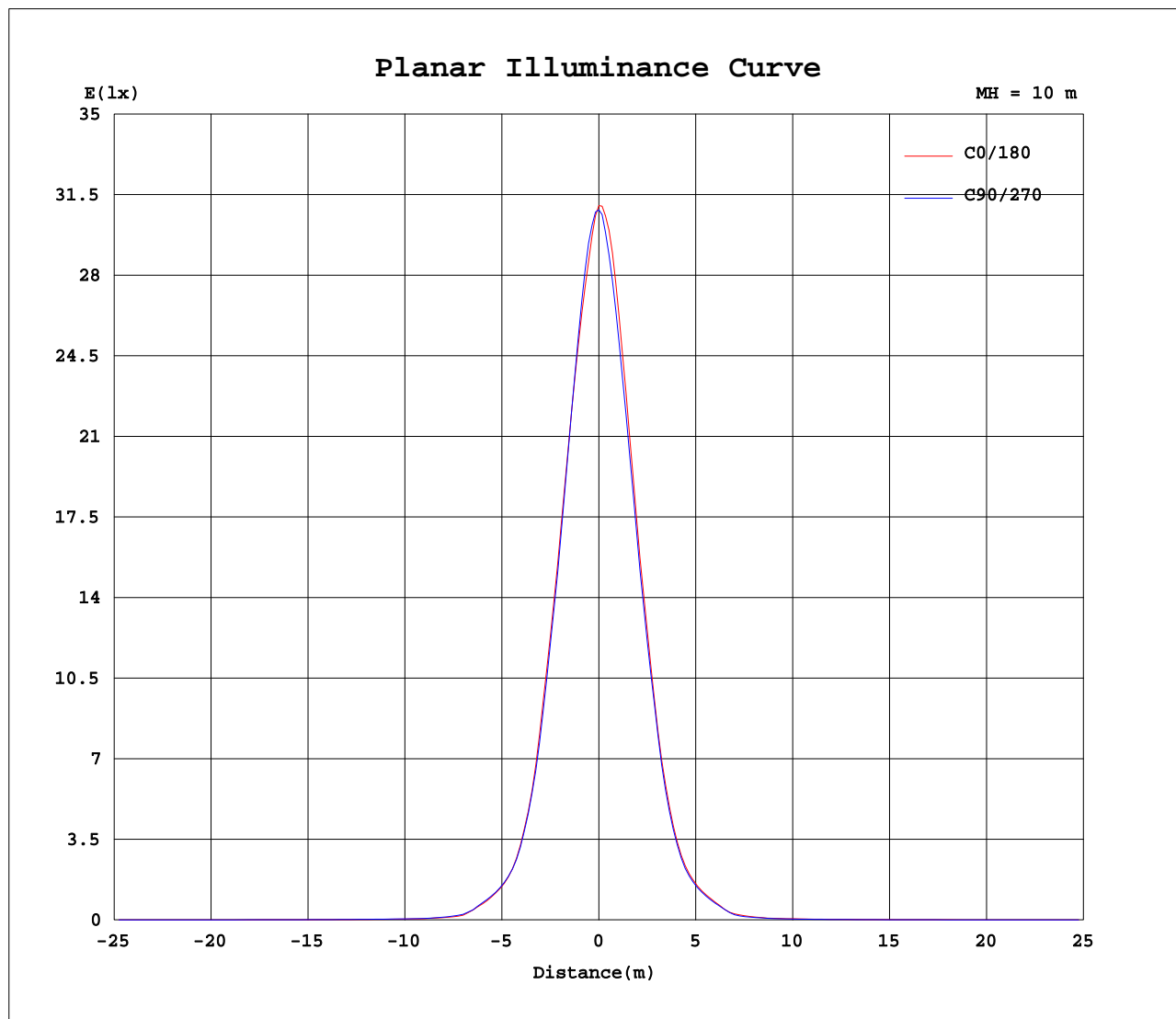
Test:U:220.8V I:0.0540A P:10.23W PF:0.8585 Lamp Flux:744.83lx1 lm		
NAME: FF3-FS1-9W-940-24D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L153mm*W45mm*H60mm	
MFR.:		



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

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:220.8V I:0.0540A P:10.23W PF:0.8585 Lamp Flux:744.83lx1 lm		
NAME: FF3-FS1-9W-940-24D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L153mm*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: 2017-06-05

```

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:220.8V I:0.0540A P:10.23W PF:0.8585 Lamp Flux:744.83lx1 lm		
NAME: FF3-FS1-9W-940-24D 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: 2017-06-05

```

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	3102	3102	3102	3089	3089	3084	3084	3081	3079	3079
3.0	2872	2888	2895	2924	2953	2963	2952	2959	2945	2950
6.0	2544	2561	2562	2587	2585	2594	2579	2606	2584	2597
9.0	2121	2137	2129	2142	2118	2133	2108	2129	2108	2123
12.0	1652	1671	1656	1662	1622	1633	1611	1630	1603	1620
15.0	1216	1230	1219	1223	1187	1195	1170	1180	1156	1167
18.0	784.8	797.4	787.9	800.2	777.6	778.8	757.9	763.0	737.2	739.7
21.0	488.2	491.7	494.1	498.7	489.3	484.9	476.4	477.5	466.1	459.8
24.0	291.9	296.4	293.1	295.8	288.6	292.8	290.3	296.0	293.0	294.8
27.0	192.9	195.8	195.0	197.6	194.2	198.5	198.2	201.6	201.4	203.8
30.0	128.6	132.6	133.9	136.4	135.0	137.0	136.3	140.3	142.8	143.6
33.0	73.56	76.05	73.75	74.94	73.68	75.63	74.61	76.24	76.13	77.69
36.0	31.25	32.26	33.26	34.49	36.43	37.92	37.91	38.97	41.15	42.44
39.0	21.67	22.30	23.02	24.13	24.62	25.04	25.34	26.14	26.65	27.17
42.0	13.80	14.29	14.78	15.50	15.80	16.47	16.80	17.54	17.82	18.43
45.0	11.69	12.09	12.52	13.14	13.31	13.75	14.10	14.46	14.95	15.37
48.0	10.22	10.53	10.77	11.31	11.55	11.82	12.08	12.47	12.85	13.06
51.0	8.702	8.960	9.190	9.567	9.811	10.12	10.40	10.67	10.92	11.12
54.0	7.277	7.447	7.673	7.964	8.112	8.479	8.687	8.991	9.116	9.258
57.0	6.237	6.360	6.510	6.721	6.857	7.133	7.253	7.474	7.655	7.783
60.0	5.360	5.485	5.600	5.820	5.955	6.168	6.313	6.476	6.580	6.686
63.0	4.488	4.602	4.715	4.928	5.057	5.273	5.404	5.588	5.656	5.750
66.0	3.635	3.734	3.838	4.036	4.162	4.371	4.499	4.681	4.739	4.836
69.0	2.775	2.871	2.959	3.142	3.263	3.467	3.611	3.773	3.830	3.918
72.0	1.858	1.986	2.083	2.254	2.372	2.564	2.700	2.866	2.905	2.979
75.0	1.189	1.237	1.274	1.337	1.389	1.473	1.536	1.662	1.718	1.841
78.0	0.8627	0.9087	0.9327	0.9874	1.029	1.081	1.127	1.175	1.206	1.234
81.0	0.5804	0.6136	0.6416	0.6770	0.7138	0.7578	0.7903	0.8256	0.8495	0.8780
84.0	0.3181	0.3534	0.3706	0.4059	0.4297	0.4693	0.4932	0.5283	0.5478	0.5676
87.0	0.0970	0.1023	0.1364	0.1590	0.1911	0.2136	0.2392	0.2639	0.2765	0.2945
90.0	0.0306	0.0306	0.0306	0.0306	0.0328	0.0437	0.0415	0.0372	0.0525	0.0481
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	3072	3076	3102	3102	3089	3089	3084	3084	3081	3079
3.0	2935	2961	3007	2983	2966	2922	2903	2890	2900	2890
6.0	2579	2601	2660	2627	2611	2556	2543	2526	2546	2535
9.0	2098	2118	2187	2156	2139	2101	2102	2084	2104	2096
12.0	1595	1613	1682	1654	1644	1611	1616	1602	1625	1616
15.0	1139	1163	1232	1208	1196	1171	1182	1171	1193	1190
18.0	722.5	751.2	806.0	784.8	779.9	753.8	755.9	751.2	781.6	782.9
21.0	460.1	472.7	504.6	495.4	490.3	477.0	470.5	472.9	484.8	492.7
24.0	292.0	297.2	310.6	301.9	301.6	293.2	295.2	290.4	295.0	294.6
27.0	198.0	200.0	207.2	201.1	201.4	199.0	199.6	194.5	197.7	196.3
30.0	138.3	138.3	142.7	138.9	139.7	137.5	138.1	132.7	134.2	131.9
33.0	76.21	76.17	77.60	74.49	77.41	76.19	80.19	76.45	77.42	75.71
36.0	40.17	39.82	41.43	38.71	38.00	36.12	35.09	33.12	33.27	31.83
39.0	26.61	26.38	26.98	25.56	25.45	24.20	23.32	22.37	22.37	21.84
42.0	17.93	17.75	17.71	17.17	16.83	16.14	15.07	14.33	14.08	13.60
45.0	14.91	14.66	14.61	14.20	14.16	13.68	12.79	12.19	11.86	11.58
48.0	12.76	12.56	12.58	12.28	12.10	11.68	11.14	10.66	10.40	10.15
51.0	10.88	10.87	10.96	10.60	10.32	9.904	9.592	9.188	9.004	8.757
54.0	9.155	9.255	9.313	8.976	8.680	8.335	8.063	7.762	7.624	7.348
57.0	7.692	7.706	7.827	7.575	7.360	7.063	6.875	6.648	6.526	6.352
60.0	6.672	6.683	6.739	6.513	6.376	6.146	5.961	5.759	5.653	5.492
63.0	5.750	5.774	5.810	5.596	5.460	5.239	5.058	4.863	4.756	4.610
66.0	4.844	4.860	4.881	4.684	4.551	4.327	4.160	3.969	3.889	3.735
69.0	3.913	3.946	3.961	3.759	3.643	3.420	3.265	3.087	3.034	2.882
72.0	2.978	3.025	3.018	2.843	2.708	2.493	2.371	2.220	2.136	1.986
75.0	1.784	1.813	1.829	1.655	1.586	1.469	1.411	1.337	1.291	1.247
78.0	1.230	1.234	1.243	1.191	1.155	1.088	1.044	0.9849	0.9521	0.9039
81.0	0.8670	0.8736	0.8777	0.8383	0.8122	0.7617	0.7248	0.6851	0.6483	0.6173
84.0	0.5675	0.5654	0.5651	0.5388	0.5149	0.4732	0.4428	0.4032	0.3859	0.3507
87.0	0.2896	0.2945	0.2921	0.2740	0.2484	0.2172	0.1871	0.1603	0.1282	0.1144
90.0	0.0590	0.0568	0.0525	0.0437	0.0306	0.0262	0.0219	0.0241	0.0241	0.0262
G/C	300.0	315.0	330.0	345.0						
0.0	3079	3079	3072	3076						
3.0	2906	2910	2935	2903						
6.0	2565	2566	2595	2567						
9.0	2126	2123	2156	2145						
12.0	1653	1649	1681	1673						
15.0	1224	1218	1251	1240						
18.0	813.4	815.6	841.3	819.8						
21.0	510.3	516.0	526.0	511.4						

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	303.1	300.8	306.4	298.2
27.0	198.1	195.0	197.2	195.7
30.0	132.6	128.1	131.5	130.7
33.0	77.74	74.65	75.42	74.62
36.0	32.34	31.54	32.21	31.92
39.0	22.48	22.37	22.62	22.06
42.0	13.80	13.66	13.75	13.61
45.0	11.70	11.60	11.65	11.56
48.0	10.17	10.03	10.03	10.02
51.0	8.661	8.495	8.527	8.554
54.0	7.284	7.157	7.185	7.147
57.0	6.252	6.155	6.158	6.155
60.0	5.391	5.287	5.303	5.298
63.0	4.511	4.415	4.433	4.439
66.0	3.657	3.564	3.583	3.595
69.0	2.802	2.711	2.739	2.748
72.0	1.921	1.829	1.860	1.855
75.0	1.215	1.197	1.195	1.182
78.0	0.8931	0.8689	0.8713	0.8558
81.0	0.6046	0.5889	0.5849	0.5801
84.0	0.3401	0.3244	0.3291	0.3200
87.0	0.0868	0.0925	0.0803	0.0969
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: 2017-06-05

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: