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LED Downlight FUSION Series LE-  
FS3-7W-840-15D

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Light Output Ratio:	100.0%	
Luminaire Power:	7.951 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	1.00	fine grid method.

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C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-06-13

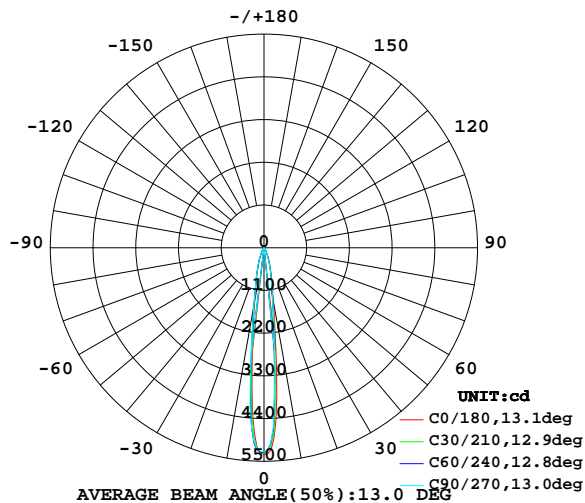
$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

## LUMINAIRE PHOTOMETRIC TEST REPORT

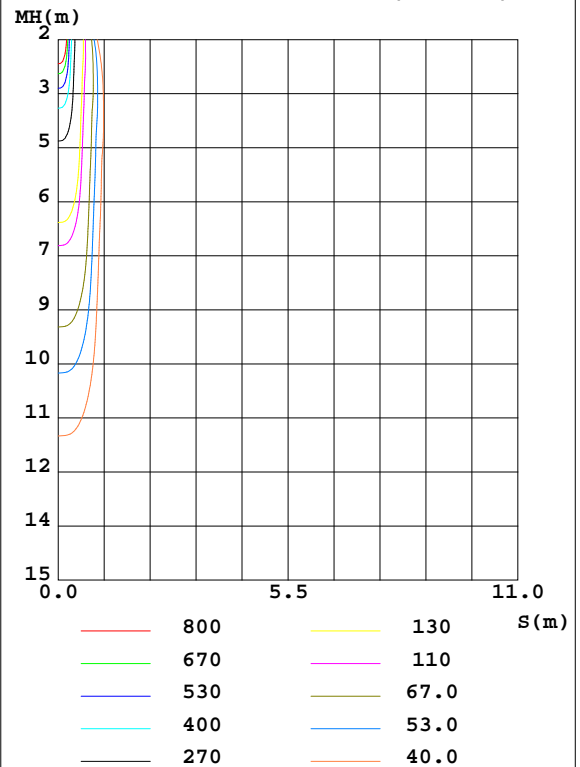
Test:U:220.7V I:0.0444A P:7.951W PF:0.8116 Lamp Flux:674.326x1 lm		
NAME: FS3-7W-840-15D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L152mm*W45mm*H60mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 84.81 lm/W			
MODEL	CREE-4000K	I <sub>max</sub> (cd)	5322	S/MH(C0/180)	0.22
NOMINAL POWER(W)	9.0	LOR(%)	100.0	S/MH(C90/270)	0.25
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	674.33	η UP,DN(C0-180)	0.0,47.8
NOMINAL FLUX(lm)	674.326	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,52.2
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)



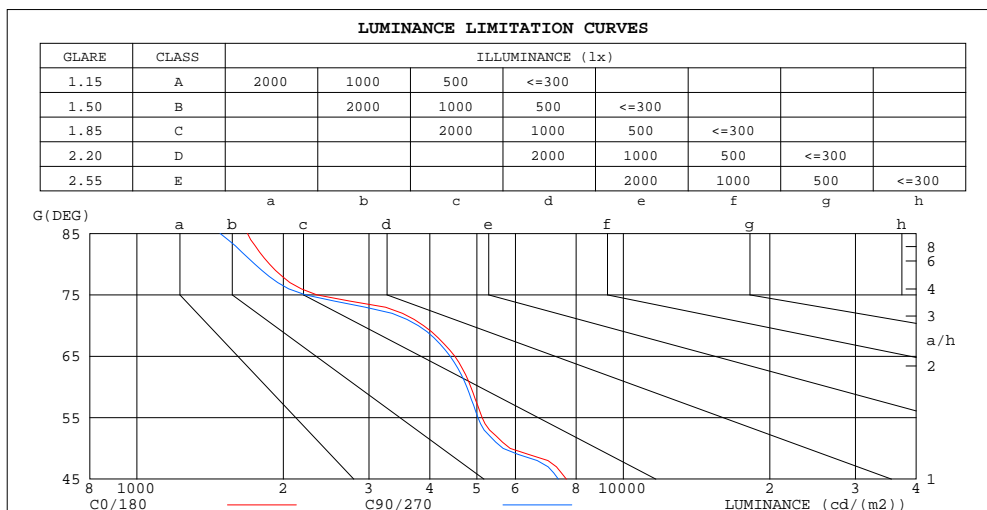
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Meng Yongjian  
 Test Date:2017-06-13

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:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\%lum, lamp$
10	1413	1275	1247	1335	1407	1448	1524	1494	0- 10	265.0	265.0	39.3,39.3
20	410.3	377.9	364.8	367.0	386.8	395.9	420.9	405.7	10- 20	202.0	467.1	69.3,69.3
30	116.1	108.1	103.8	106.2	110.4	112.3	118.7	117.9	20- 30	98.84	565.9	83.9,83.9
40	47.13	45.37	44.77	44.87	45.90	46.43	47.18	46.99	30- 40	43.36	609.3	90.4,90.4
50	25.74	24.95	24.89	25.28	25.65	25.70	26.24	25.79	40- 50	27.85	637.1	94.5,94.5
60	16.62	16.44	16.30	16.47	16.75	16.89	16.71	16.53	50- 60	18.20	655.3	97.2,97.2
70	9.091	8.935	8.866	8.937	9.230	9.286	9.259	9.012	60- 70	12.77	668.1	99.1,99.1
80	2.227	2.119	2.076	2.134	2.207	2.276	2.306	2.254	70- 80	5.149	673.2	99.8,99.8
90	0.0853	0.0415	0.0525	0.0678	0.0350	0.0481	0.0809	0.1290	80- 90	1.100	674.3	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	1688	1483
80	1875	1748
75	2346	2223
70	3886	3790
65	4503	4407
60	4859	4765
55	5127	5025
50	5855	5661
45	7637	7352

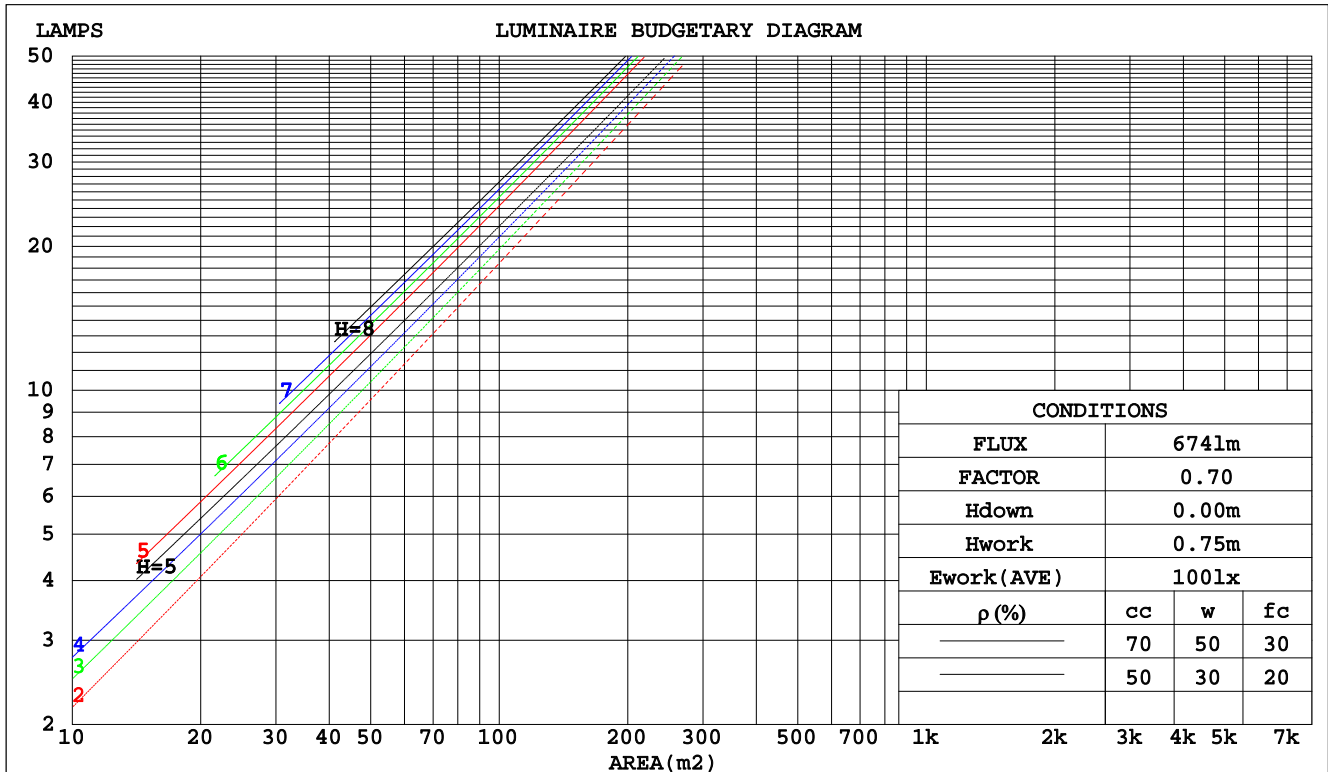
C Range: 0 - 360DEG  
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 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
 Test Date: 2017-06-13

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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:0.0444A P:7.951W PF:0.8116 Lamp Flux:674.326x1 lm		
NAME: FS3-7W-840-15D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L152mm*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	.92	.89	.92	.90	.88	.87
4.0	.96	.91	.88	.95	.90	.87	.93	.89	.86	.91	.88	.85	.89	.86	.84	.83
5.0	.92	.87	.84	.91	.87	.83	.89	.85	.83	.88	.84	.82	.86	.83	.81	.80
6.0	.88	.84	.80	.87	.83	.80	.86	.82	.79	.85	.81	.79	.84	.81	.78	.77
7.0	.85	.80	.77	.84	.80	.77	.83	.79	.77	.82	.79	.76	.81	.78	.76	.75
8.0	.82	.78	.75	.82	.77	.74	.81	.77	.74	.80	.76	.74	.79	.76	.74	.72
9.0	.80	.75	.72	.79	.75	.72	.79	.75	.72	.78	.74	.72	.77	.74	.72	.70
10.0	.77	.73	.70	.77	.73	.70	.76	.73	.70	.76	.72	.70	.75	.72	.70	.69



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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:

## WEC AND CCEC

Test:U:220.7V I:0.0444A P:7.951W PF:0.8116 Lamp Flux:674.326x1 lm		
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SPEC.:4000K	DIM.: L152mm*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	.156	.089	.028	.149	.085	.027	.137	.078	.025	.125	.072	.023	.115	.066	.021		
2.0	.146	.080	.024	.140	.077	.024	.130	.072	.022	.120	.067	.021	.111	.063	.020		
3.0	.136	.072	.022	.131	.070	.021	.122	.066	.020	.114	.063	.019	.107	.059	.018		
4.0	.127	.066	.019	.123	.064	.019	.115	.061	.018	.108	.058	.018	.102	.055	.017		
5.0	.119	.060	.017	.115	.059	.017	.109	.057	.017	.103	.054	.016	.097	.052	.016		
6.0	.111	.056	.016	.109	.055	.016	.103	.053	.015	.098	.051	.015	.093	.049	.015		
7.0	.105	.052	.015	.103	.051	.015	.098	.049	.014	.093	.048	.014	.089	.046	.014		
8.0	.099	.049	.014	.097	.048	.014	.093	.047	.013	.089	.045	.013	.085	.044	.013		
9.0	.094	.046	.013	.092	.045	.013	.089	.044	.012	.085	.043	.012	.082	.042	.012		
10.0	.090	.043	.012	.088	.043	.012	.085	.042	.012	.082	.041	.012	.079	.040	.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	.170	.157	.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	.077	.109	.085	.067	.075	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.116	.086	.064	.100	.075	.056	.069	.052	.039	.040	.031	.023	.013	.010	.008	
6.0	.108	.076	.054	.093	.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	.093	.062	.040	.080	.053	.035	.056	.037	.025	.032	.022	.015	.010	.007	.005	
9.0	.088	.056	.035	.075	.049	.030	.052	.034	.021	.030	.020	.013	.010	.007	.004	
10.0	.082	.051	.030	.071	.044	.027	.049	.031	.019	.029	.018	.011	.009	.006	.004	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
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 Test Date:2017-06-13

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:0.0444A P:7.951W PF:0.8116 Lamp Flux:674.326x1 lm										
NAME: FS3-7W-840-15D					TYPE:Downlight			SERIAL No.:		
SPEC.:4000K					DIM.: L152mm*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	13.4	14.2	13.6	14.3	14.5	13.3	14.0	13.5	14.1	14.3
3H	14.4	15.1	14.7	15.3	15.5	14.2	14.9	14.5	15.1	15.3
4H	14.6	15.3	14.9	15.5	15.7	14.4	15.1	14.7	15.3	15.5
6H	14.7	15.3	15.0	15.5	15.8	14.5	15.1	14.8	15.3	15.6
8H	14.7	15.3	15.0	15.5	15.8	14.5	15.1	14.8	15.3	15.6
12H	14.7	15.3	15.0	15.5	15.8	14.5	15.0	14.8	15.3	15.6
4H 2H	13.8	14.5	14.1	14.7	14.9	13.7	14.4	14.0	14.6	14.8
3H	15.0	15.5	15.3	15.8	16.1	14.8	15.4	15.1	15.6	15.9
4H	15.2	15.7	15.5	16.0	16.3	15.0	15.5	15.3	15.8	16.1
6H	15.3	15.8	15.7	16.1	16.4	15.1	15.6	15.5	15.9	16.2
8H	15.3	15.8	15.7	16.1	16.5	15.1	15.6	15.5	15.9	16.3
12H	15.3	15.7	15.7	16.1	16.5	15.1	15.5	15.5	15.9	16.3
8H 4H	15.2	15.6	15.6	16.0	16.4	15.0	15.5	15.4	15.8	16.2
6H	15.3	15.7	15.8	16.1	16.5	15.2	15.5	15.6	15.9	16.3
8H	15.4	15.7	15.8	16.1	16.6	15.2	15.5	15.7	15.9	16.4
12H	15.4	15.7	15.9	16.2	16.6	15.2	15.5	15.7	15.9	16.4
12H 4H	15.2	15.6	15.6	15.9	16.3	15.0	15.4	15.4	15.8	16.2
6H	15.3	15.6	15.8	16.1	16.5	15.1	15.5	15.6	15.9	16.3
8H	15.4	15.7	15.8	16.1	16.6	15.2	15.5	15.7	15.9	16.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.7					+ 0.5 / - 0.7				
1.5H	+ 0.4 / - 0.4					+ 0.4 / - 0.5				
2.0H	+ 1.2 / - 0.5					+ 1.1 / - 0.5				

CIE Pub.117 Corrected 674.3 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.4)

C Range: 0 - 360DEG  
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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:

## UTILIZATION FACTORS TABLE

Test:U:220.7V I:0.0444A P:7.951W PF:0.8116 Lamp Flux:674.326x1 lm		
NAME: FS3-7W-840-15D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L152mm*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) $k(RI) \times RCR = 5$									
$k = 0.60$	86	79	75	85	79	75	84	78	75	71
0.80	93	87	83	92	87	83	91	86	82	79
1.00	98	92	88	97	91	88	95	91	87	83
1.25	102	96	93	101	96	92	99	95	91	87
1.50	105	100	96	103	99	96	101	97	94	90
2.00	108	103	100	106	102	99	103	100	97	92
2.50	109	105	102	108	104	101	105	102	99	93
3.00	111	108	105	109	106	104	106	103	101	95
4.00	113	110	108	111	109	107	108	106	104	97
5.00	115	112	110	113	110	109	109	107	106	98
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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## ISOCANDELA DIAGRAM

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SPEC.:4000K	DIM.: L152mm*W45mm*H60mm	
MFR.:		

Conical surface Flux(90deg):

624.32 lm

%lum = 92.6%

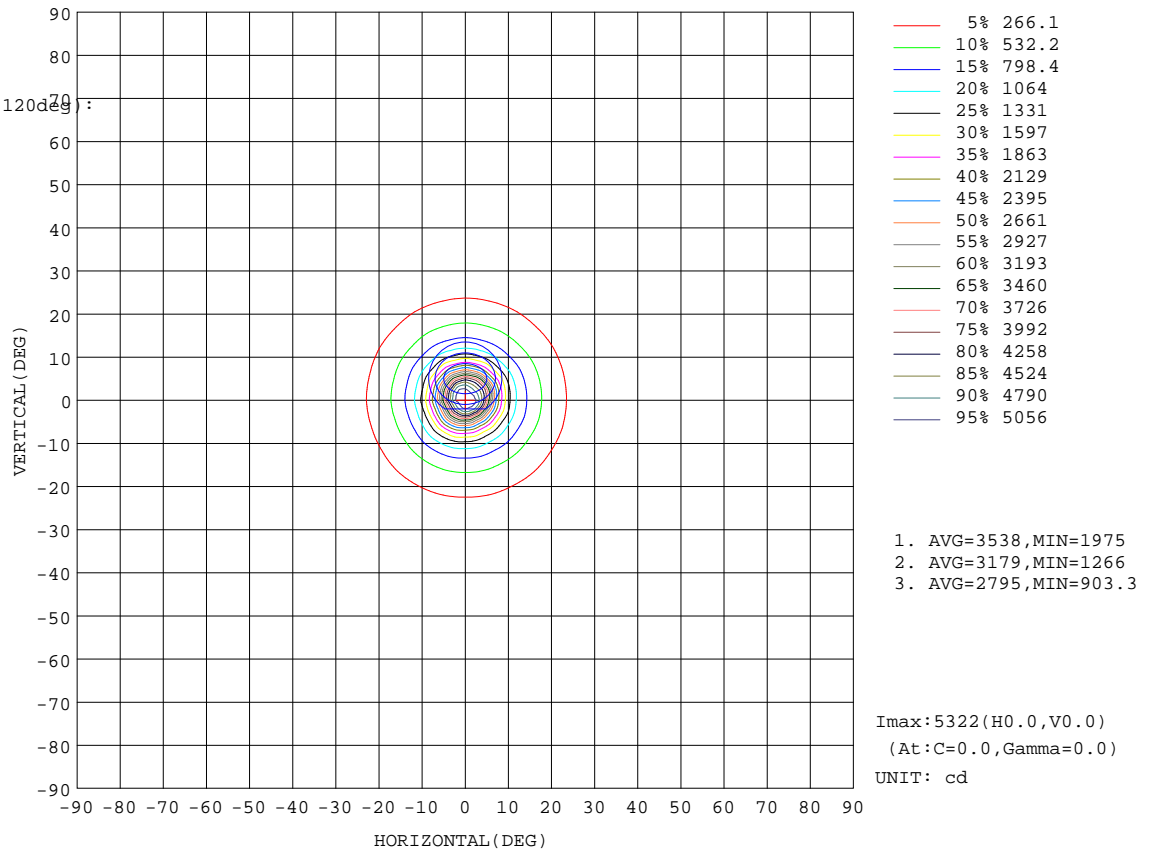
%lamp = 92.6%

Conical surface Flux(120deg):

655.31 lm

%lum = 97.2%

%lamp = 97.2%



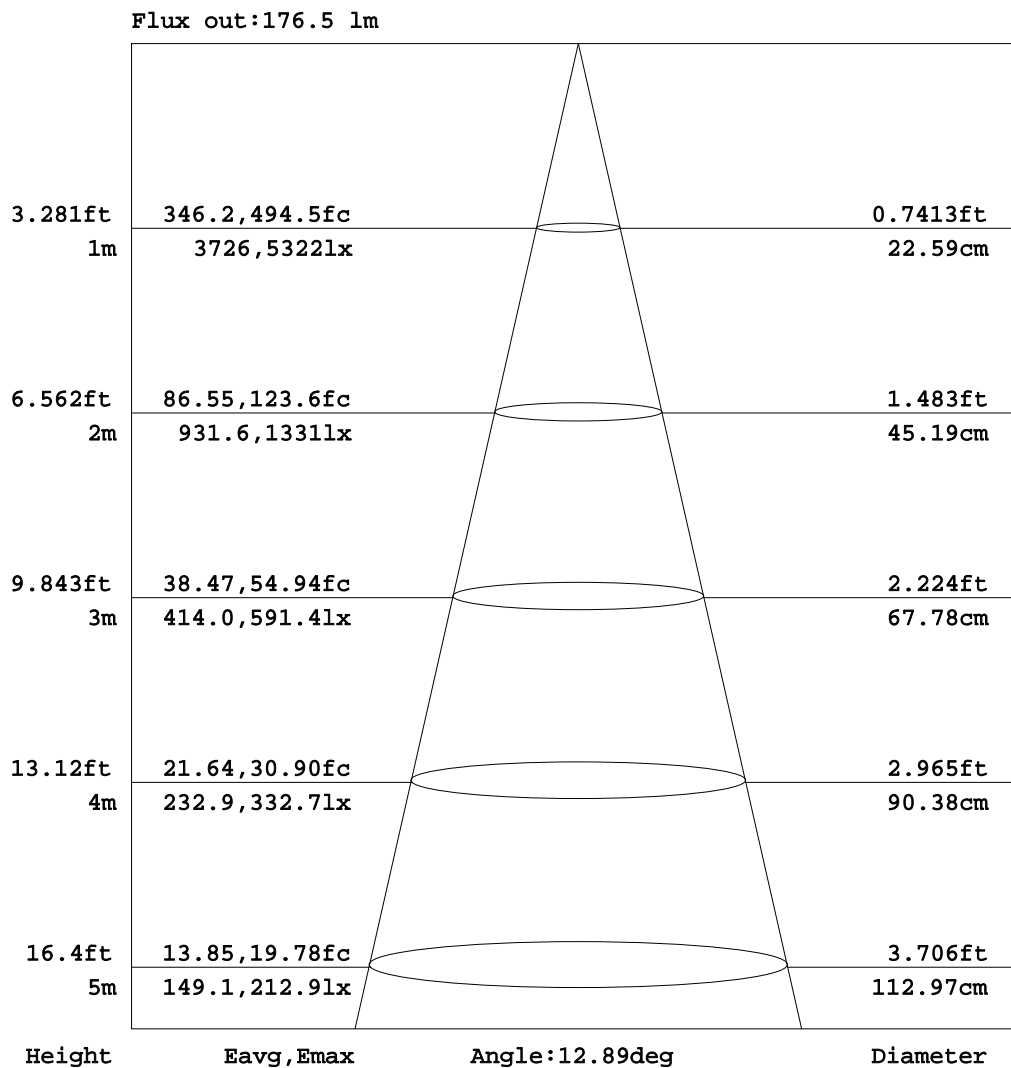
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## AAI Figure

Test:U:220.7V I:0.0444A P:7.951W PF:0.8116 Lamp Flux:674.326x1 lm		
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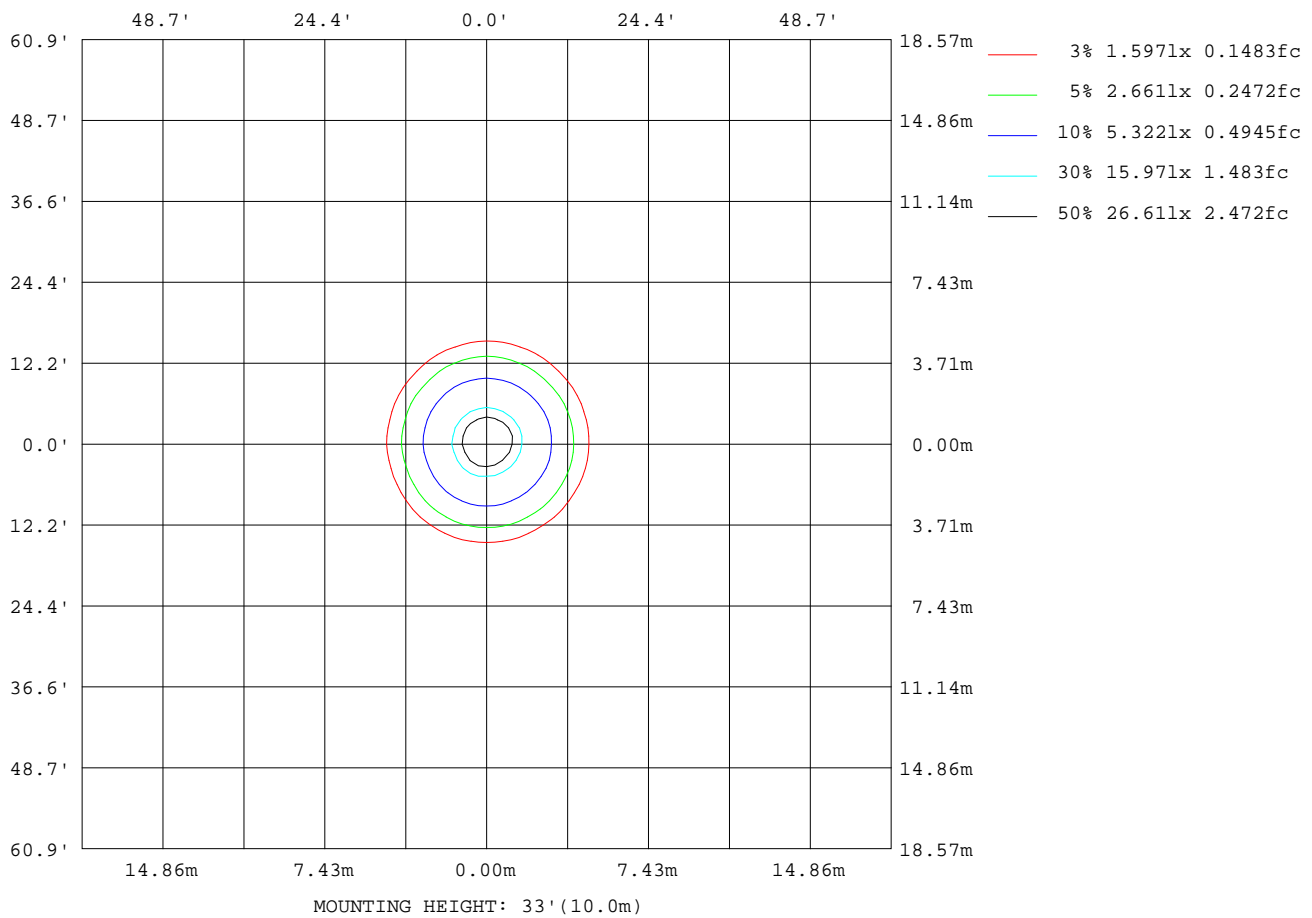
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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## ISOLUX DIAGRAM

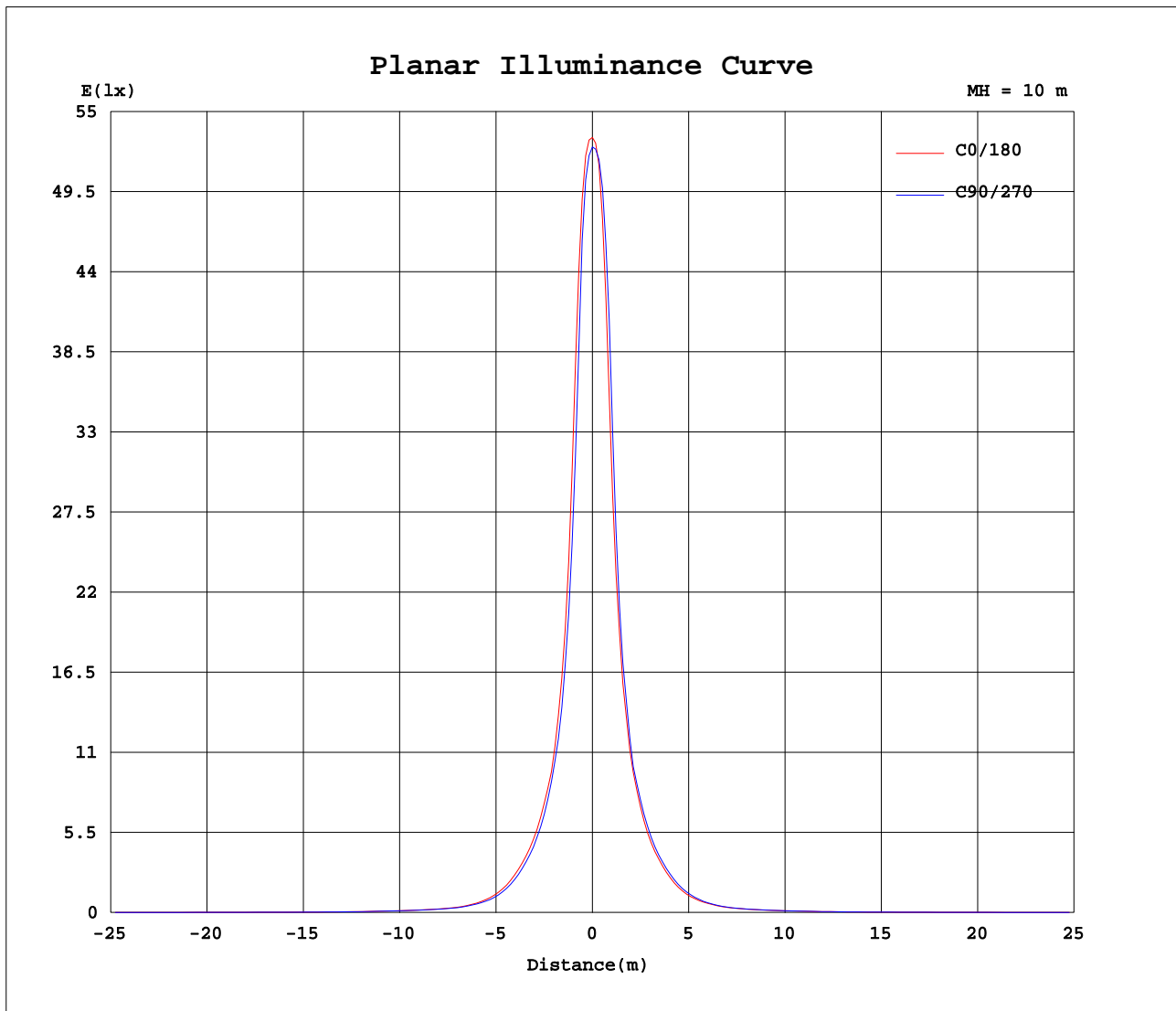
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 Humidity: 52%  
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## Planar Illuminance Curve



C Range: 0 - 360DEG  
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Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
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## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.7V I:0.0444A P:7.951W PF:0.8116 Lamp Flux:674.326x1 lm		
NAME: FS3-7W-840-15D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L152mm*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: 2017-06-13

```

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:0.0444A P:7.951W PF:0.8116 Lamp Flux:674.326x1 lm		
NAME: FS3-7W-840-15D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L152mm*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: 2017-06-13

```

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	5322	5305	5295	5283	5276	5267	5257	5253	5243	5240
3.0	4919	4923	4809	4796	4665	4713	4634	4648	4561	4590
6.0	3077	2944	2716	2654	2518	2583	2571	2667	2700	2750
9.0	1674	1642	1544	1545	1452	1503	1462	1555	1550	1583
12.0	1034	1023	996.1	991.7	958.8	965.9	960.8	980.2	991.9	1008
15.0	730.3	722.2	692.9	683.0	658.4	662.6	656.2	664.9	665.0	673.5
18.0	514.2	506.9	484.7	477.7	464.1	468.6	462.1	464.9	461.2	464.8
21.0	364.4	357.5	341.4	336.0	325.7	327.3	321.6	325.1	323.3	326.0
24.0	247.7	243.7	232.0	228.0	219.4	220.7	217.8	220.1	218.7	220.6
27.0	168.5	165.9	157.5	155.0	148.7	149.5	146.5	148.7	147.6	149.3
30.0	116.1	114.1	109.9	108.1	105.3	104.9	103.8	104.9	105.4	106.2
33.0	82.44	81.56	79.03	78.08	75.91	75.50	75.09	76.36	77.13	77.82
36.0	61.35	60.95	59.76	59.27	57.85	57.53	57.25	57.90	58.09	58.47
39.0	50.22	49.77	48.65	48.12	47.51	47.52	47.33	47.57	47.33	47.57
42.0	42.35	42.01	41.41	41.17	40.79	40.64	40.49	40.57	40.42	40.61
45.0	36.94	36.79	36.52	36.43	35.93	35.73	35.56	35.66	35.57	35.77
48.0	32.03	32.14	31.62	31.39	30.67	30.71	30.44	30.58	30.41	30.47
51.0	24.29	24.13	23.81	23.74	23.58	23.62	23.54	23.56	23.54	23.67
54.0	20.89	20.84	20.66	20.63	20.51	20.49	20.45	20.53	20.57	20.68
57.0	18.69	18.70	18.54	18.53	18.42	18.40	18.35	18.42	18.45	18.54
60.0	16.62	16.62	16.46	16.44	16.34	16.34	16.30	16.38	16.39	16.47
63.0	14.50	14.50	14.32	14.32	14.20	14.23	14.20	14.27	14.26	14.33
66.0	12.24	12.25	12.04	12.07	11.93	11.99	11.98	12.05	12.01	12.07
69.0	9.891	9.898	9.699	9.710	9.596	9.662	9.685	9.730	9.686	9.732
72.0	7.431	7.447	7.182	7.223	7.021	7.119	7.074	7.141	7.001	7.083
75.0	4.153	4.105	3.956	3.939	3.849	3.917	3.935	4.073	4.150	4.232
78.0	2.831	2.814	2.724	2.713	2.647	2.669	2.660	2.713	2.717	2.748
81.0	1.955	1.928	1.872	1.854	1.807	1.817	1.813	1.841	1.848	1.858
84.0	1.225	1.196	1.155	1.128	1.098	1.095	1.100	1.111	1.125	1.124
87.0	0.5948	0.5604	0.5358	0.5014	0.4855	0.4686	0.4833	0.4795	0.4965	0.4861
90.0	0.0853	0.0656	0.0503	0.0415	0.0437	0.0437	0.0525	0.0503	0.0743	0.0678
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	5233	5234	5322	5305	5295	5283	5276	5267	5257	5253
3.0	4531	4579	4781	4780	4911	4960	5033	5004	4995	4904
6.0	2676	2707	2917	2943	3107	3155	3326	3267	3363	3351
9.0	1535	1581	1636	1637	1715	1729	1800	1750	1782	1766
12.0	985.1	986.8	1031	1029	1060	1059	1086	1061	1072	1065
15.0	663.0	668.7	701.7	701.5	726.4	729.0	752.4	742.6	751.6	740.4
18.0	460.5	467.0	487.8	486.6	499.7	500.6	519.4	518.4	526.0	521.1
21.0	321.8	325.5	341.1	340.8	351.5	350.6	364.2	366.8	373.8	369.2
24.0	216.7	219.5	230.3	229.4	237.0	236.9	248.4	249.3	255.2	252.6
27.0	146.8	149.0	155.9	155.0	159.3	159.4	166.7	168.3	173.4	172.9
30.0	105.3	106.0	110.4	109.7	111.3	112.3	115.8	116.7	118.7	118.9
33.0	76.99	77.36	80.01	79.57	80.78	81.24	83.24	83.43	84.78	84.36
36.0	57.65	58.09	59.76	59.74	60.63	60.91	61.71	61.37	62.33	62.18
39.0	47.02	47.35	48.80	48.54	49.36	49.39	50.00	49.85	50.47	50.12
42.0	40.16	40.08	41.33	41.25	41.87	41.83	42.12	41.99	42.12	42.05
45.0	35.26	35.19	36.14	36.06	36.61	36.75	36.99	36.79	36.86	36.64
48.0	30.06	30.18	31.23	31.18	31.77	31.84	32.23	32.19	32.41	31.78
51.0	23.47	23.57	24.20	24.10	24.37	24.34	24.48	24.45	24.59	24.22
54.0	20.51	20.52	20.95	20.90	21.17	21.15	21.21	21.12	21.19	20.92
57.0	18.40	18.43	18.81	18.79	19.02	19.00	19.00	18.90	18.87	18.74
60.0	16.34	16.38	16.75	16.72	16.93	16.89	16.91	16.79	16.71	16.64
63.0	14.20	14.26	14.63	14.60	14.77	14.74	14.77	14.66	14.59	14.53
66.0	11.95	12.05	12.40	12.33	12.49	12.46	12.50	12.40	12.36	12.29
69.0	9.629	9.693	10.06	9.970	10.13	10.09	10.16	10.06	10.05	9.959
72.0	6.907	7.124	7.431	7.397	7.593	7.582	7.694	7.632	7.629	7.541
75.0	4.050	4.061	4.197	4.172	4.282	4.276	4.415	4.366	4.484	4.450
78.0	2.704	2.733	2.841	2.837	2.907	2.902	2.963	2.929	2.942	2.896
81.0	1.833	1.850	1.925	1.935	1.982	1.996	2.033	2.022	2.022	1.996
84.0	1.109	1.113	1.169	1.187	1.219	1.242	1.267	1.273	1.267	1.257
87.0	0.4812	0.4729	0.5095	0.5354	0.5576	0.5878	0.6057	0.6228	0.6145	0.6162
90.0	0.0612	0.0481	0.0350	0.0415	0.0394	0.0481	0.0459	0.0853	0.0809	0.1137
G/C	300.0	315.0	330.0	345.0						
0.0	5243	5240	5233	5234						
3.0	4843	4806	4860	4854						
6.0	3496	3460	3515	3385						
9.0	1814	1790	1818	1755						
12.0	1082	1075	1094	1069						
15.0	746.3	738.2	750.1	740.2						
18.0	524.1	517.3	526.0	519.8						
21.0	368.1	360.7	367.4	366.4						

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
 Test Date: 2017-06-13

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	253.6	248.8	253.4	250.1
27.0	173.3	170.5	173.1	170.3
30.0	118.8	117.9	119.2	117.4
33.0	83.91	83.36	84.05	83.03
36.0	62.21	62.00	62.48	61.53
39.0	50.22	49.97	50.50	50.15
42.0	42.25	42.29	42.55	42.21
45.0	36.93	36.97	37.17	36.77
48.0	31.82	31.58	32.05	31.71
51.0	24.32	24.09	24.23	24.09
54.0	21.04	20.83	20.89	20.76
57.0	18.82	18.62	18.68	18.58
60.0	16.72	16.53	16.60	16.52
63.0	14.60	14.41	14.48	14.43
66.0	12.36	12.15	12.23	12.19
69.0	10.01	9.806	9.891	9.845
72.0	7.528	7.359	7.467	7.431
75.0	4.583	4.490	4.557	4.376
78.0	2.907	2.876	2.911	2.867
81.0	1.991	1.979	1.998	1.979
84.0	1.248	1.249	1.257	1.251
87.0	0.5993	0.6140	0.6145	0.6205
90.0	0.1093	0.1290	0.1203	0.1181

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-06-13

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: