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LED Downlight FUSION Series LE-  
FS3-7W-930-15D

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Light Output Ratio:	100.0%	
Luminaire Power:	7.994 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: 2017-05-17

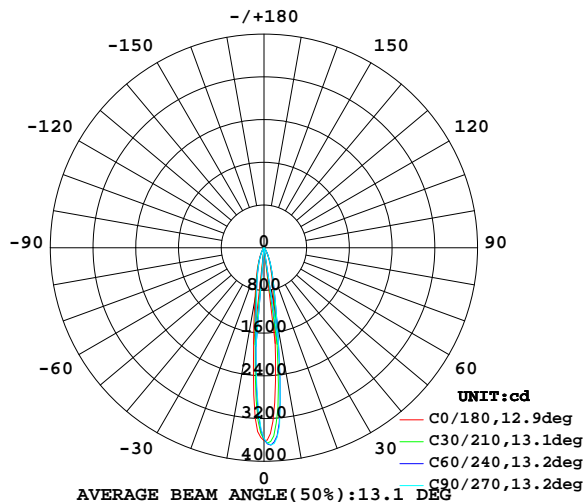
$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

## LUMINAIRE PHOTOMETRIC TEST REPORT

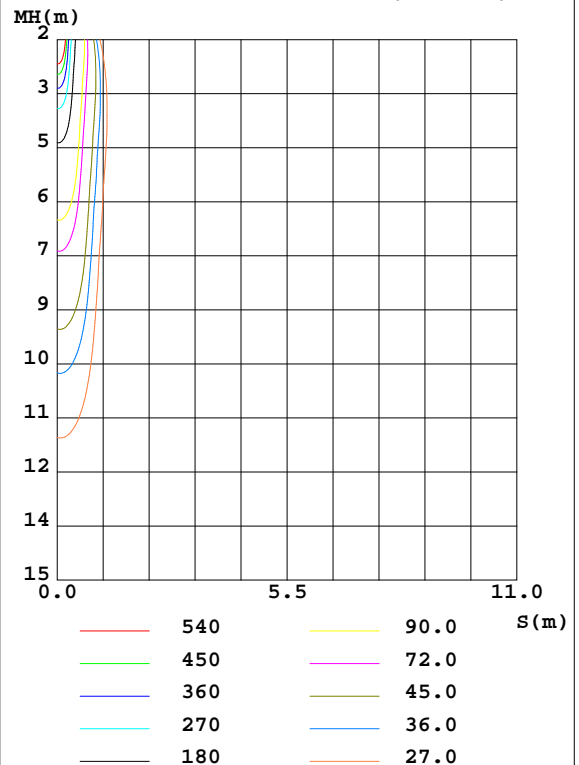
Test:U:220.7V I:0.0446A P:7.994W PF:0.8121 Lamp Flux:522.55x1 lm		
NAME: FS3-7W-930-15D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L152mm*W45mm*H60mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 65.37 lm/W			
MODEL	CREE-3000K	I <sub>max</sub> (cd)	3699	S/MH(C0/180)	0.22
NOMINAL POWER(W)	9.0	LOR(%)	100.0	S/MH(C90/270)	0.17
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	522.55	η UP,DN(C0-180)	0.0,57.0
NOMINAL FLUX(lm)	522.55	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,43.0
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)



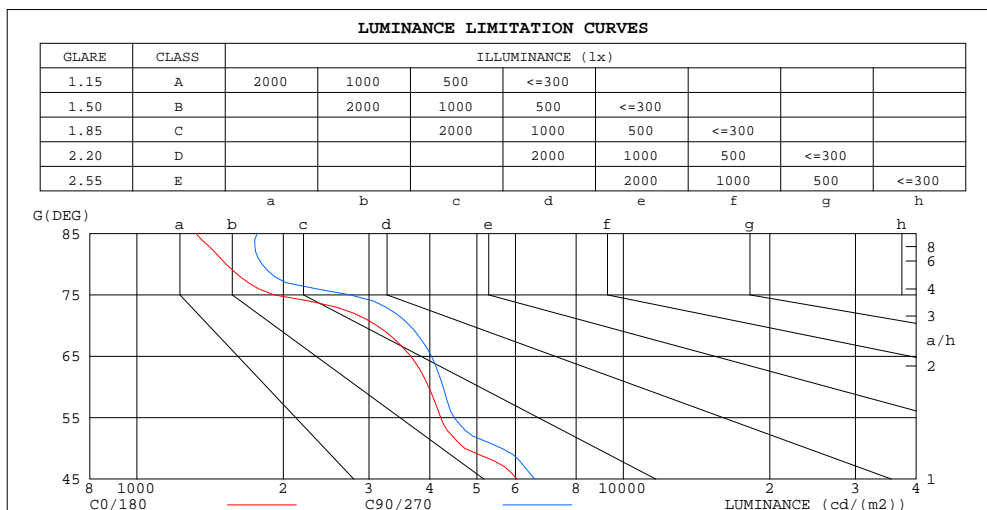
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Meng Yongjian  
 Test Date:2017-05-17

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:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\%lum, lamp$
10	1061	1397	1404	1099	970.7	813.8	794.2	952.6	0- 10	186.3	186.3	35.7,35.7
20	345.3	390.6	397.2	332.8	314.7	265.5	265.6	311.5	10- 20	160.7	347.0	66.4,66.4
30	106.3	126.7	124.9	100.8	94.67	78.42	77.06	92.94	20- 30	87.08	434.1	83.1,83.1
40	37.25	41.04	42.78	37.85	37.05	32.83	32.35	34.54	30- 40	36.39	470.5	90,90
50	20.77	23.92	24.76	21.22	20.68	18.68	18.24	19.45	40- 50	22.08	492.6	94.3,94.3
60	13.61	14.43	14.57	13.70	13.48	12.42	12.18	12.95	50- 60	14.79	507.3	97.1,97.1
70	7.288	8.346	8.519	7.629	7.242	6.093	5.798	6.774	60- 70	10.26	517.6	99.1,99.1
80	1.811	2.119	2.148	1.784	1.683	1.373	1.312	1.635	70- 80	4.099	521.7	99.8,99.8
90	0.0415	0.1465	0.2012	0.0394	0.0372	0.0306	0.0284	0.0284	80- 90	0.8410	522.5	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	1324	1768
80	1525	1808
75	1915	2744
70	3115	3641
65	3656	4033
60	3981	4260
55	4212	4491
50	4725	5631
45	6046	6582

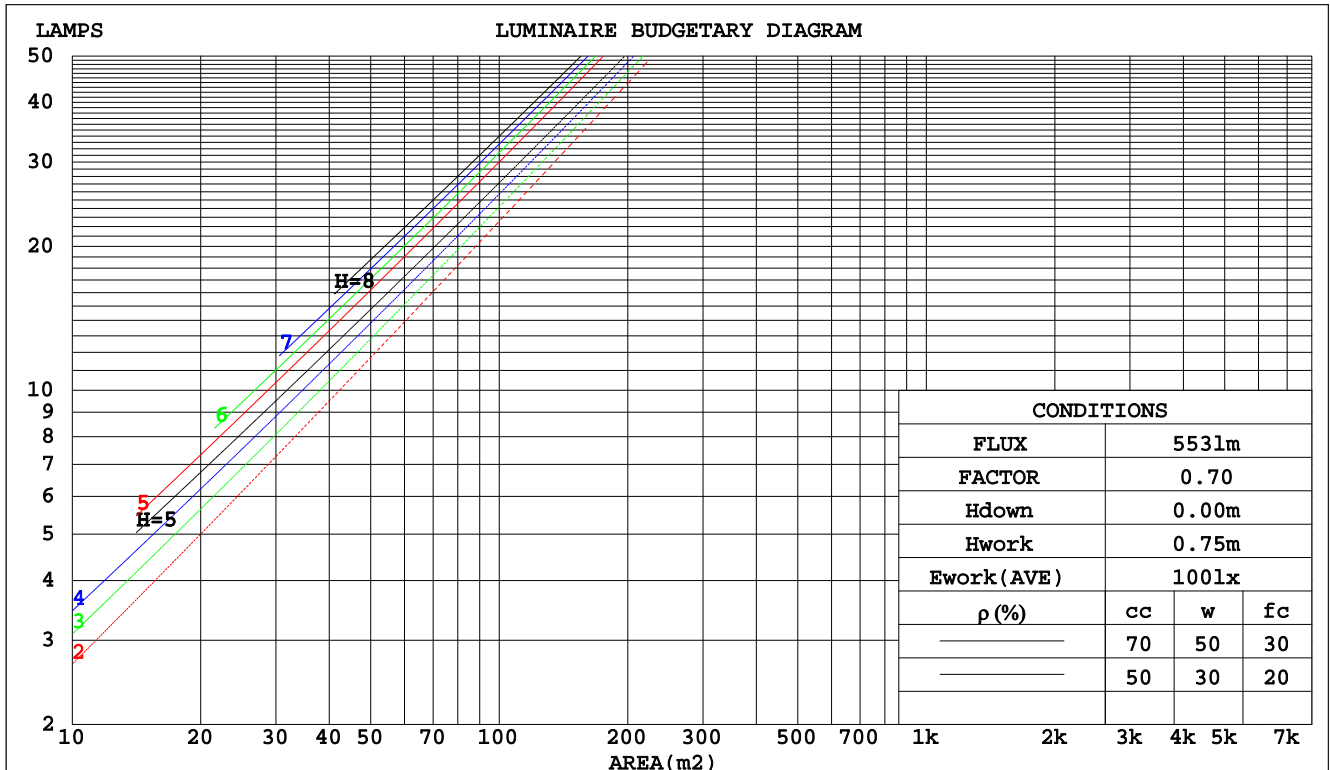
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
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 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
 Test Date: 2017-05-17

$\gamma$  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:0.0446A P:7.994W PF:0.8121 Lamp Flux:522.55x1 lm		
NAME: FS3-7W-930-15D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	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	Coefficients of Utilization(CU)															
	RCR:Room Cavity Ratio															
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	1.09	1.08	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	.00	.98	.98	.97	.95
2.0	1.05	1.02	.99	1.04	1.00	.98	1.00	.98	.96	.97	.95	.94	.95	.93	.92	.90
3.0	.00	.95	.92	.98	.94	.91	.96	.93	.90	.93	.91	.89	.91	.89	.87	.86
4.0	.95	.90	.87	.94	.90	.86	.92	.88	.85	.90	.87	.84	.88	.86	.83	.82
5.0	.91	.86	.82	.90	.85	.82	.88	.84	.81	.87	.83	.81	.85	.82	.80	.79
6.0	.87	.82	.79	.86	.82	.78	.85	.81	.78	.84	.80	.77	.82	.79	.77	.76
7.0	.84	.79	.76	.83	.79	.75	.82	.78	.75	.81	.77	.75	.80	.77	.74	.73
8.0	.81	.76	.73	.80	.76	.73	.79	.75	.72	.78	.75	.72	.78	.74	.72	.71
9.0	.78	.74	.70	.78	.73	.70	.77	.73	.70	.76	.72	.70	.75	.72	.70	.69
10.0	.76	.71	.68	.75	.71	.68	.75	.71	.68	.74	.70	.68	.73	.70	.68	.67



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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

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SPEC.:3000K	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	.159	.091	.029	.153	.087	.028	.140	.080	.026	.129	.074	.024	.118	.069	.022	
2.0	.149	.082	.025	.144	.079	.024	.133	.074	.023	.124	.069	.022	.115	.065	.021	
3.0	.140	.074	.022	.135	.072	.022	.126	.068	.021	.118	.065	.020	.110	.061	.019	
4.0	.130	.068	.020	.126	.066	.020	.119	.063	.019	.112	.060	.018	.106	.057	.017	
5.0	.122	.062	.018	.119	.061	.018	.113	.059	.017	.107	.056	.017	.101	.054	.016	
6.0	.115	.058	.017	.112	.057	.016	.107	.055	.016	.102	.053	.016	.097	.051	.015	
7.0	.109	.054	.015	.106	.053	.015	.101	.051	.015	.097	.050	.014	.093	.048	.014	
8.0	.103	.050	.014	.101	.050	.014	.097	.048	.014	.093	.047	.014	.089	.046	.013	
9.0	.098	.047	.013	.096	.047	.013	.092	.046	.013	.089	.044	.013	.085	.043	.013	
10.0	.093	.045	.012	.092	.044	.012	.088	.043	.012	.085	.042	.012	.082	.041	.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	.157	.146	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.153	.133	.115	.131	.114	.100	.090	.079	.069	.052	.046	.041	.017	.015	.013	
3.0	.139	.113	.093	.119	.098	.080	.082	.068	.056	.047	.040	.033	.015	.013	.011	
4.0	.128	.098	.076	.109	.085	.066	.075	.059	.046	.044	.035	.028	.014	.011	.009	
5.0	.118	.086	.063	.101	.075	.055	.070	.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	.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	.089	.056	.034	.077	.049	.030	.053	.034	.021	.031	.020	.013	.010	.007	.004	
10.0	.084	.052	.030	.072	.045	.026	.050	.032	.019	.029	.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:220.7V I:0.0446A P:7.994W PF:0.8121 Lamp Flux:522.55x1 lm										
NAME: FS3-7W-930-15D					TYPE:Downlight			SERIAL No.:		
SPEC.:3000K					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	13.2	14.0	13.4	14.1	14.3	13.7	14.5	13.9	14.6	14.8
3H	14.1	14.8	14.4	15.0	15.2	14.7	15.4	14.9	15.6	15.8
4H	14.3	15.0	14.6	15.2	15.5	15.0	15.7	15.3	15.9	16.1
6H	14.4	15.0	14.7	15.3	15.5	15.1	15.7	15.4	16.0	16.2
8H	14.4	15.0	14.7	15.3	15.5	15.1	15.7	15.4	16.0	16.2
12H	14.4	15.0	14.7	15.3	15.5	15.1	15.7	15.4	16.0	16.2
4H 2H	13.6	14.3	13.9	14.5	14.8	14.1	14.7	14.3	15.0	15.2
3H	14.8	15.4	15.1	15.6	15.9	15.2	15.8	15.5	16.1	16.4
4H	15.0	15.6	15.4	15.9	16.2	15.6	16.2	16.0	16.5	16.8
6H	15.1	15.6	15.5	15.9	16.3	15.7	16.2	16.1	16.5	16.9
8H	15.1	15.6	15.5	15.9	16.3	15.8	16.2	16.1	16.6	16.9
12H	15.1	15.6	15.5	15.9	16.3	15.8	16.2	16.2	16.6	17.0
8H 4H	15.1	15.6	15.5	15.9	16.3	15.7	16.1	16.0	16.5	16.8
6H	15.3	15.6	15.7	16.0	16.4	15.8	16.2	16.2	16.6	17.0
8H	15.3	15.6	15.8	16.1	16.5	15.9	16.2	16.3	16.6	17.1
12H	15.3	15.6	15.8	16.1	16.5	15.9	16.2	16.4	16.7	17.1
12H 4H	15.1	15.5	15.5	15.9	16.2	15.6	16.0	16.0	16.4	16.8
6H	15.2	15.6	15.7	16.0	16.4	15.8	16.1	16.2	16.5	17.0
8H	15.3	15.6	15.8	16.0	16.5	15.9	16.2	16.3	16.6	17.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.7					+ 0.5 / - 0.6				
1.5H	+ 0.4 / - 0.6					+ 0.6 / - 0.5				
2.0H	+ 0.9 / - 0.7					+ 0.9 / - 0.6				

CIE Pub.117 Corrected 522.5 lm Total Lamp Luminous Flux.(8log(F/F0) = -2.3)

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:0.0446A P:7.994W PF:0.8121 Lamp Flux:522.55x1 lm		
NAME: FS3-7W-930-15D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	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) $k(RI) \times RCR = 5$									
$k = 0.60$	85	79	75	85	79	75	84	78	74	71
0.80	93	87	83	92	86	83	91	86	82	78
1.00	98	92	88	97	91	87	95	91	87	83
1.25	102	96	92	101	96	92	99	94	91	87
1.50	105	99	96	103	99	95	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	107	105	109	106	103	106	103	101	95
4.00	113	110	108	111	109	107	108	106	104	97
5.00	115	112	110	112	110	109	108	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.:3000K	DIM.: L152mm*W45mm*H60mm	
MFR.:		

Conical surface Flux(90deg):

482.47 lm

%lum = 92.3%

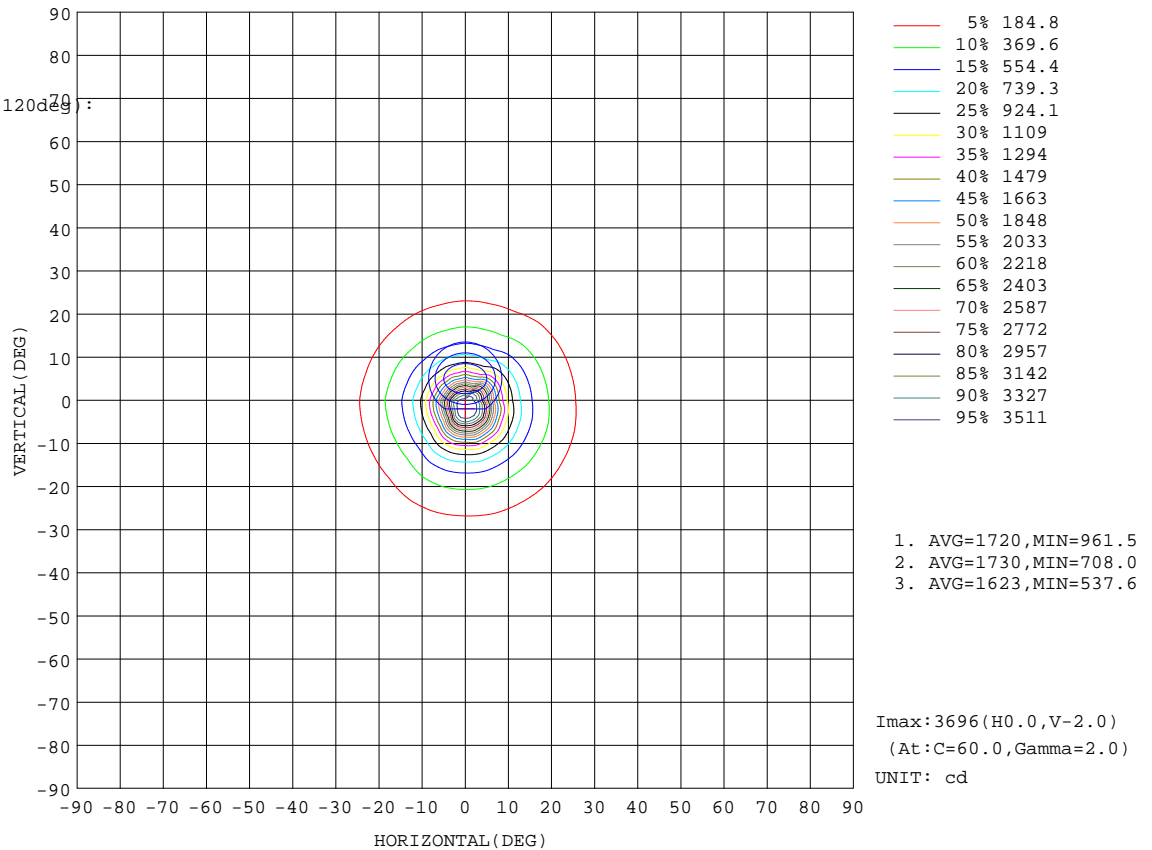
%lamp = 92.3%

Conical surface Flux(120deg):

507.35 lm

%lum = 97.1%

%lamp = 97.1%



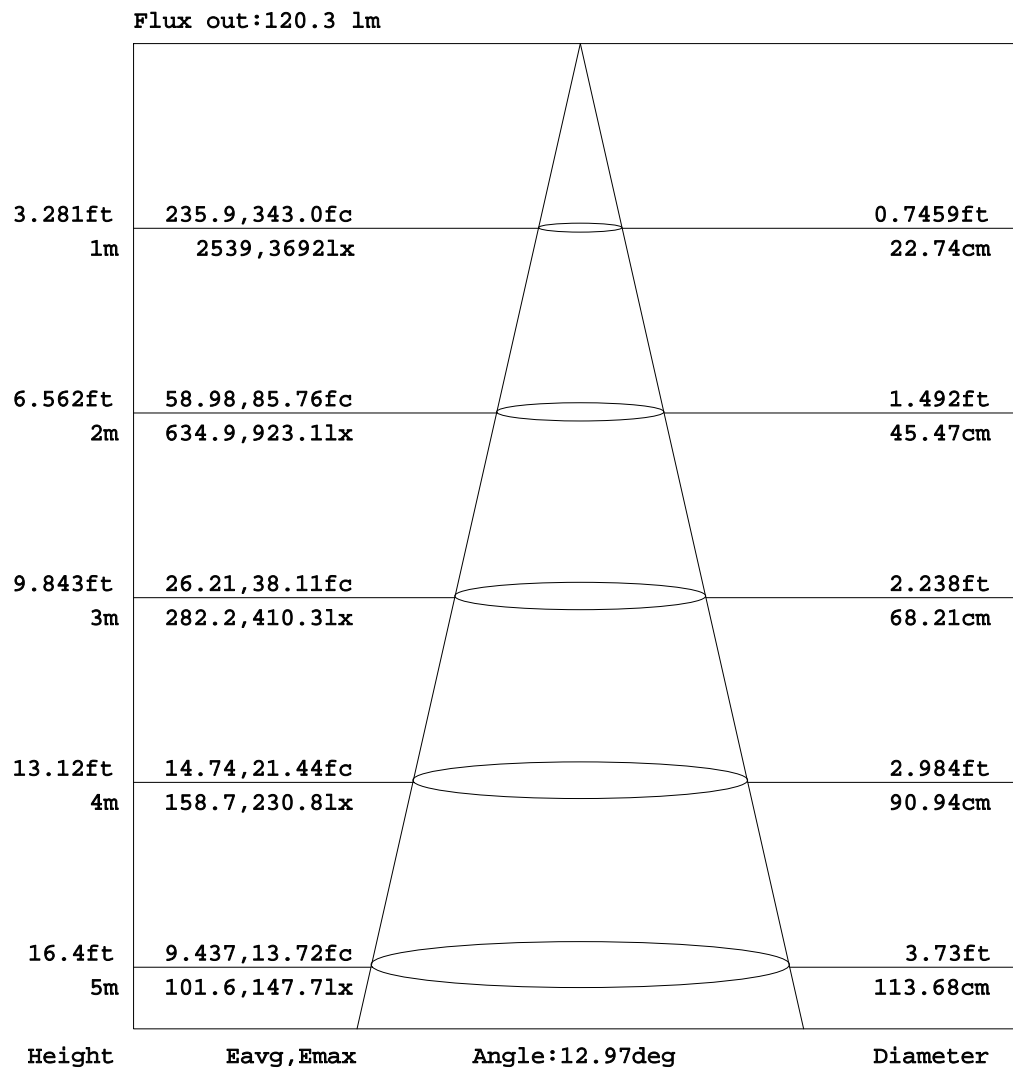
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## AAI Figure

Test:U:220.7V I:0.0446A P:7.994W PF:0.8121 Lamp Flux:522.55x1 lm		
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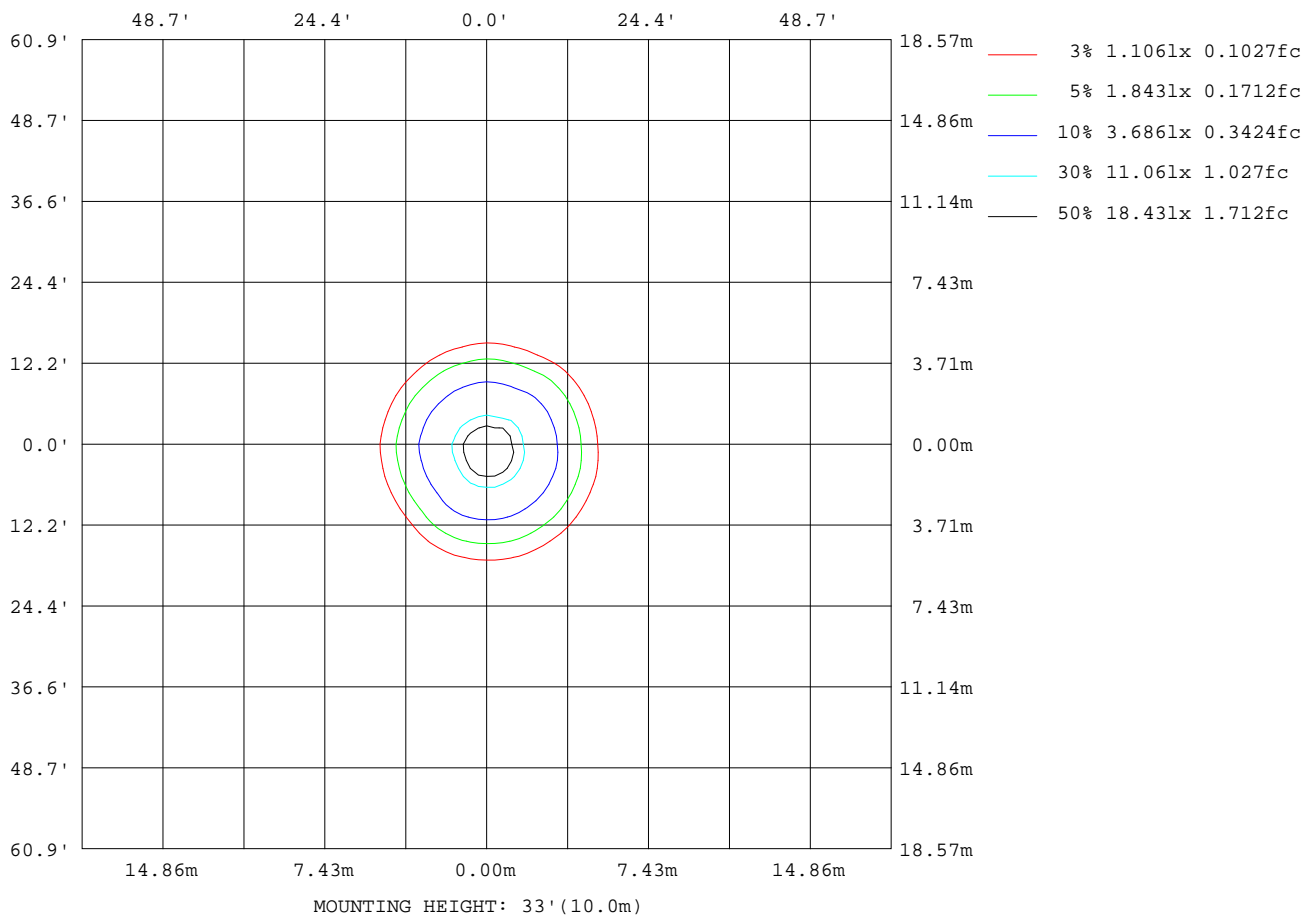
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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## ISOLUX DIAGRAM

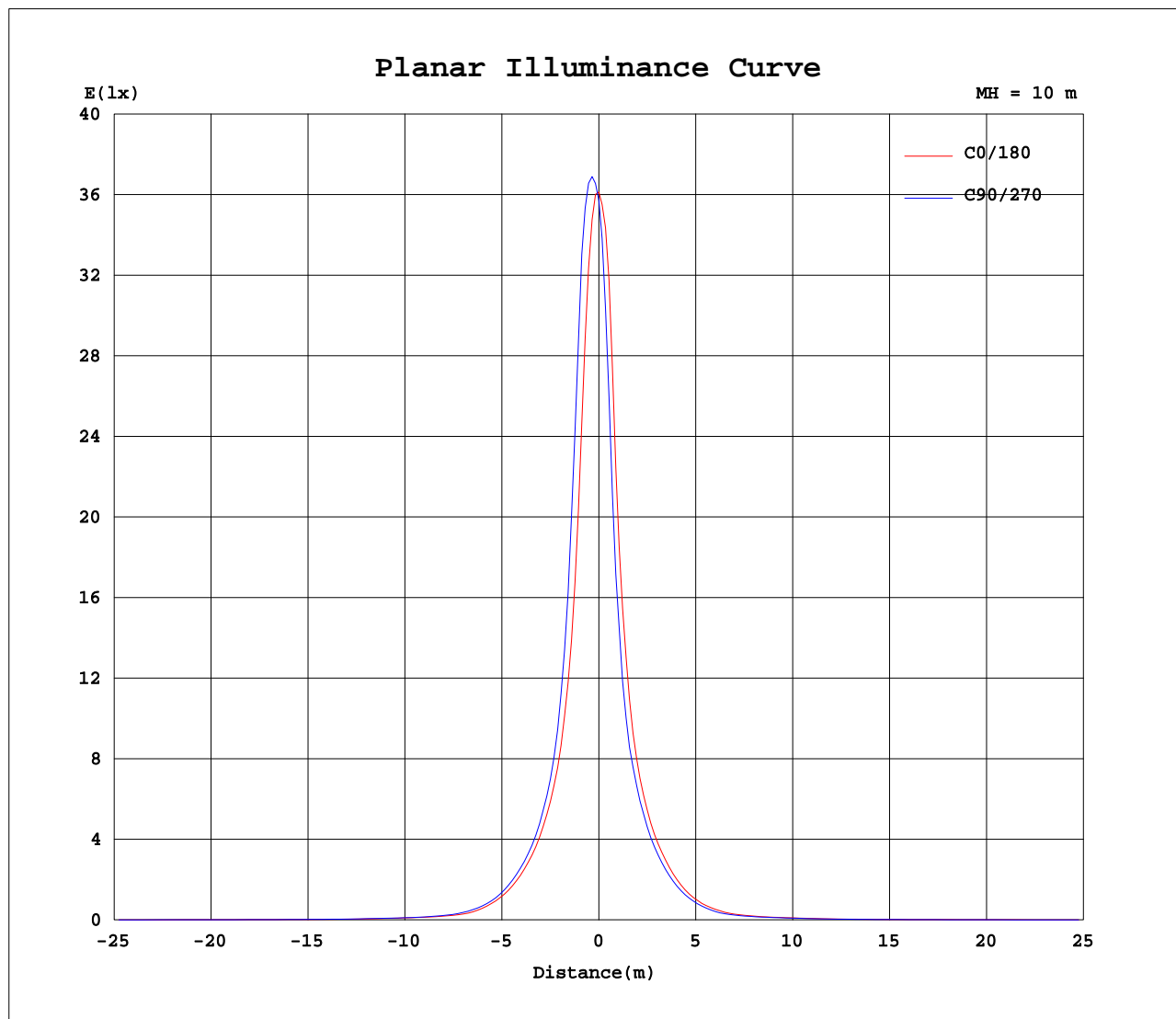
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Humidity:52%  
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## Planar Illuminance Curve



C Range: 0 - 360DEG  
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Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
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## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.7V I:0.0446A P:7.994W PF:0.8121 Lamp Flux:522.55x1 lm		
NAME: FS3-7W-930-15D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	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: 2017-05-17

```

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:220.7V I:0.0446A P:7.994W PF:0.8121 Lamp Flux:522.55x1 lm		
NAME: FS3-7W-930-15D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	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: 2017-05-17

```

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	3613	3599	3598	3582	3585	3565	3571	3538	3529	3652
3.0	3250	3453	3530	3615	3645	3656	3672	3655	3593	3453
6.0	2067	2375	2589	2865	2910	2968	2916	2920	2694	2202
9.0	1224	1396	1460	1636	1691	1764	1686	1669	1548	1298
12.0	808.3	878.4	925.8	996.5	1015	1044	1010	1002	948.4	829.0
15.0	582.3	622.6	651.4	679.2	686.2	699.9	684.3	684.4	657.9	580.3
18.0	423.2	452.5	465.4	484.3	488.8	498.5	489.5	488.2	467.3	411.6
21.0	310.9	332.0	340.4	352.1	354.0	362.6	358.0	357.2	340.8	299.5
24.0	222.3	239.0	245.5	255.9	257.7	263.4	259.5	258.4	244.7	211.2
27.0	156.2	168.4	173.6	180.8	181.3	185.5	181.0	179.8	169.3	145.7
30.0	106.3	114.7	119.5	126.7	125.7	129.1	124.9	123.0	116.6	100.8
33.0	69.02	75.59	79.52	83.86	85.98	88.51	86.97	86.45	82.62	70.61
36.0	49.38	52.24	54.41	57.67	59.27	61.04	59.73	59.37	56.43	50.54
39.0	39.72	41.58	42.50	44.12	45.01	46.25	45.91	45.59	44.04	40.33
42.0	33.41	34.52	35.08	36.03	36.50	37.39	37.23	37.18	36.04	33.82
45.0	29.24	30.06	30.35	31.00	31.25	31.86	31.84	31.84	31.06	29.54
48.0	24.77	25.83	26.36	27.26	27.50	28.02	27.99	28.00	27.46	26.14
51.0	19.67	20.36	20.83	21.93	22.22	22.90	22.64	22.53	21.52	19.82
54.0	17.14	17.56	17.82	18.31	18.33	18.62	18.50	18.48	18.09	17.13
57.0	15.37	15.70	15.86	16.18	16.19	16.40	16.30	16.28	16.06	15.37
60.0	13.61	13.95	14.13	14.43	14.47	14.67	14.57	14.57	14.38	13.70
63.0	11.82	12.17	12.39	12.70	12.74	12.94	12.83	12.85	12.68	11.98
66.0	9.914	10.32	10.56	10.91	10.95	11.16	11.05	11.08	10.89	10.17
69.0	7.957	8.379	8.637	9.003	9.063	9.263	9.161	9.206	9.021	8.283
72.0	5.910	6.349	6.638	7.003	7.097	7.288	7.195	7.270	7.068	6.259
75.0	3.391	3.909	4.301	4.689	4.766	4.998	4.858	4.998	4.632	3.394
78.0	2.316	2.477	2.562	2.700	2.726	2.790	2.726	2.726	2.621	2.287
81.0	1.590	1.708	1.782	1.870	1.898	1.933	1.900	1.894	1.826	1.557
84.0	0.9711	1.070	1.142	1.212	1.247	1.266	1.249	1.236	1.185	0.9472
87.0	0.4047	0.5146	0.5968	0.6481	0.6908	0.6984	0.6951	0.6699	0.6404	0.4186
90.0	0.0415	0.0656	0.1268	0.1465	0.1968	0.1924	0.2012	0.1815	0.1596	0.0394
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	3656	3641	3599	3598	3582	3585	3571	3565	3571	3538
3.0	3346	3292	3188	2957	2855	2682	2661	2560	2606	2530
6.0	2020	1940	1882	1686	1615	1501	1500	1417	1474	1413
9.0	1209	1164	1136	1028	986.0	924.2	911.9	880.2	890.6	876.9
12.0	784.3	756.9	752.3	697.5	676.1	646.5	636.7	627.0	631.8	630.8
15.0	549.5	535.7	535.8	497.9	480.9	456.6	453.8	446.4	455.5	452.8
18.0	393.1	388.0	392.1	364.9	350.2	332.3	329.3	324.3	332.4	331.3
21.0	285.9	280.1	280.9	259.4	249.9	236.6	234.5	230.6	236.2	235.9
24.0	199.9	195.2	195.8	180.5	173.1	163.7	163.2	159.9	164.4	164.4
27.0	137.4	135.5	136.4	124.9	119.3	113.4	112.5	110.6	113.2	113.6
30.0	96.34	93.66	94.67	87.61	83.51	78.42	77.62	75.78	77.06	76.71
33.0	67.53	64.69	65.36	59.82	57.09	53.87	53.24	52.01	52.41	51.68
36.0	48.95	48.14	48.57	45.51	43.85	41.89	41.41	40.74	40.98	40.75
39.0	39.25	39.03	39.42	37.18	35.85	34.59	34.29	33.95	33.97	33.73
42.0	33.16	33.06	33.44	31.88	30.87	29.84	29.74	29.57	29.61	29.37
45.0	29.08	29.06	29.41	28.12	27.17	26.20	25.91	25.71	25.91	25.84
48.0	25.39	24.96	25.04	23.26	22.28	21.23	20.76	20.20	20.19	20.00
51.0	19.40	19.29	19.47	18.72	18.29	17.89	17.69	17.39	17.39	17.33
54.0	16.85	16.78	16.93	16.40	16.13	15.81	15.71	15.53	15.56	15.52
57.0	15.15	15.07	15.18	14.70	14.44	14.12	14.02	13.87	13.89	13.85
60.0	13.47	13.38	13.48	12.99	12.74	12.42	12.33	12.15	12.18	12.13
63.0	11.76	11.63	11.71	11.21	10.96	10.66	10.55	10.35	10.38	10.33
66.0	9.927	9.784	9.835	9.331	9.095	8.784	8.669	8.456	8.490	8.445
69.0	8.046	7.885	7.916	7.404	7.153	6.812	6.687	6.469	6.521	6.469
72.0	5.985	5.810	5.791	5.073	4.808	4.399	4.314	4.090	4.207	4.110
75.0	3.207	3.126	3.151	2.893	2.778	2.618	2.573	2.504	2.542	2.528
78.0	2.190	2.141	2.171	2.014	1.919	1.812	1.773	1.731	1.753	1.753
81.0	1.487	1.439	1.460	1.333	1.248	1.169	1.126	1.095	1.111	1.117
84.0	0.8944	0.8445	0.8571	0.7648	0.6822	0.6183	0.5751	0.5570	0.5576	0.5746
87.0	0.3846	0.3333	0.3372	0.2551	0.1738	0.1347	0.0955	0.0974	0.0825	0.0931
90.0	0.0350	0.0284	0.0372	0.0350	0.0328	0.0306	0.0306	0.0284	0.0284	0.0284
G/C	300.0	315.0	330.0	345.0						
0.0	3529	3652	3656	3641						
3.0	2600	3099	3213	3276						
6.0	1516	1875	2016	2083						
9.0	914.1	1114	1187	1212						
12.0	644.1	732.3	768.9	787.1						
15.0	467.6	529.8	555.6	567.0						
18.0	341.6	383.8	400.2	410.5						
21.0	244.6	279.7	291.8	300.1						

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:

## Photometric Data Table [cd]

24.0	171.7	198.0	208.4	214.3
27.0	117.8	137.1	145.0	149.7
30.0	79.40	92.94	98.02	101.6
33.0	52.84	59.75	62.66	66.31
36.0	41.46	45.29	46.78	47.64
39.0	34.14	36.60	37.57	38.25
42.0	29.60	31.20	31.94	32.41
45.0	26.08	27.37	27.92	28.40
48.0	20.32	22.51	23.42	23.97
51.0	17.51	18.57	18.93	19.12
54.0	15.66	16.33	16.62	16.74
57.0	14.00	14.65	14.91	15.03
60.0	12.29	12.95	13.21	13.31
63.0	10.50	11.22	11.46	11.56
66.0	8.632	9.372	9.598	9.689
69.0	6.665	7.439	7.687	7.765
72.0	4.319	5.351	5.633	5.733
75.0	2.632	3.049	3.221	3.300
78.0	1.817	2.112	2.203	2.250
81.0	1.165	1.418	1.487	1.532
84.0	0.6057	0.8326	0.8812	0.9333
87.0	0.1085	0.3164	0.3547	0.3952
90.0	0.0262	0.0284	0.0262	0.0284

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: