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LED Downlight FUSION Series LE-  
FS6-13W-930-30D

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Light Output Ratio:	100.0%	
Luminaire Power:	14.96 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.50	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: 2017-06-09

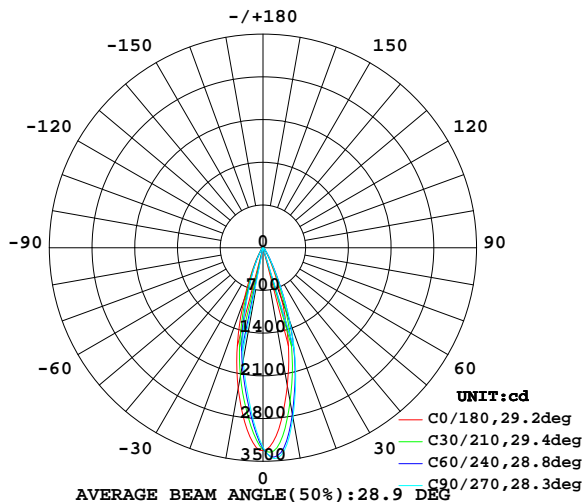
$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

## LUMINAIRE PHOTOMETRIC TEST REPORT

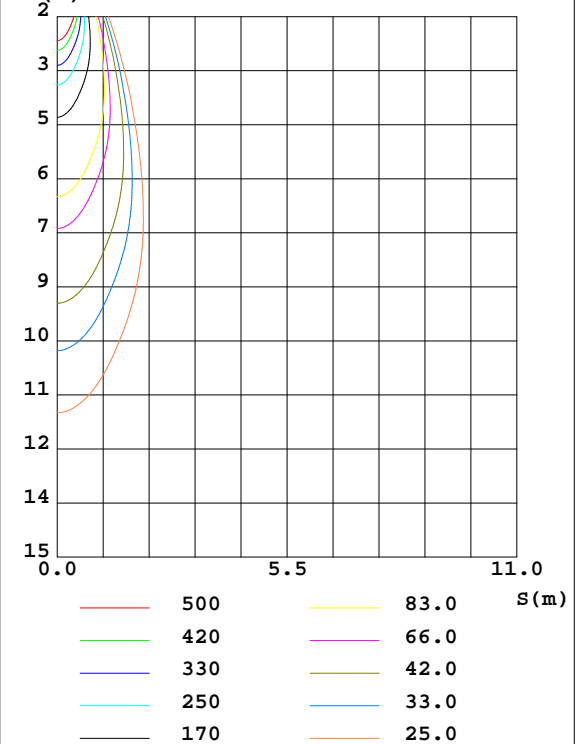
Test:U:220.6V I:0.0734A P:14.96W PF:0.9236 Lamp Flux:1054.73x1 lm		
NAME: FS6-13W-930-30D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L290mm*W45mm*H60mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 70.50 lm/W			
MODEL	CREE-3000K	I <sub>max</sub> (cd)	3459	S/MH(C0/180)	0.49
NOMINAL POWER(W)	15.0	LOR(%)	100.0	S/MH(C90/270)	0.39
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	1054.7	η UP,DN(C0-180)	0.0,57.2
NOMINAL FLUX(lm)	1054.73	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,42.8
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	0.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



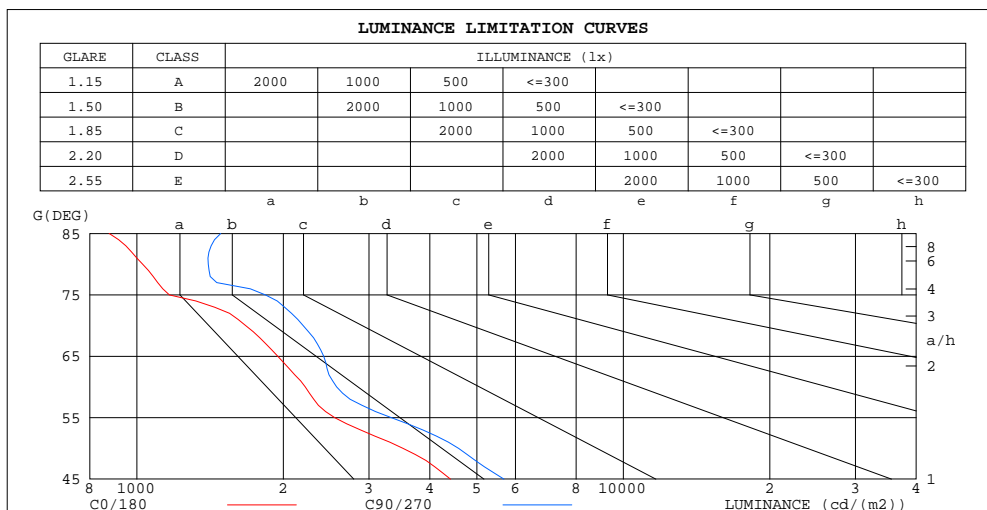
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-09

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	$\Phi$ lum, lamp
10	2299	2699	2824	2439	2344	2028	1875	2232	0- 10	264.5	264.5	25.1,25.1
20	896.5	1232	1281	959.8	917.0	685.6	630.0	877.8	10- 20	439.4	703.9	66.7,66.7
30	203.0	267.2	268.3	194.9	196.1	153.6	142.7	209.9	20- 30	216.6	920.5	87.3,87.3
40	54.87	73.72	77.73	62.31	57.37	45.52	40.77	48.98	30- 40	66.80	987.3	93.6,93.6
50	29.58	35.91	38.45	31.71	30.44	23.91	21.35	26.87	40- 50	32.31	1020	96.7,96.7
60	14.48	16.55	16.80	15.41	14.70	12.56	11.59	13.49	50- 60	18.29	1038	98.4,98.4
70	7.473	9.405	9.805	8.196	7.855	6.197	5.346	6.883	60- 70	10.81	1049	99.4,99.4
80	2.330	2.964	3.176	2.422	2.395	1.762	1.552	2.162	70- 80	4.806	1054	99.9,99.9
90	0.0656	0.2842	0.4482	0.2427	0.0459	0.0459	0.0459	0.0656	80- 90	1.188	1055	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		



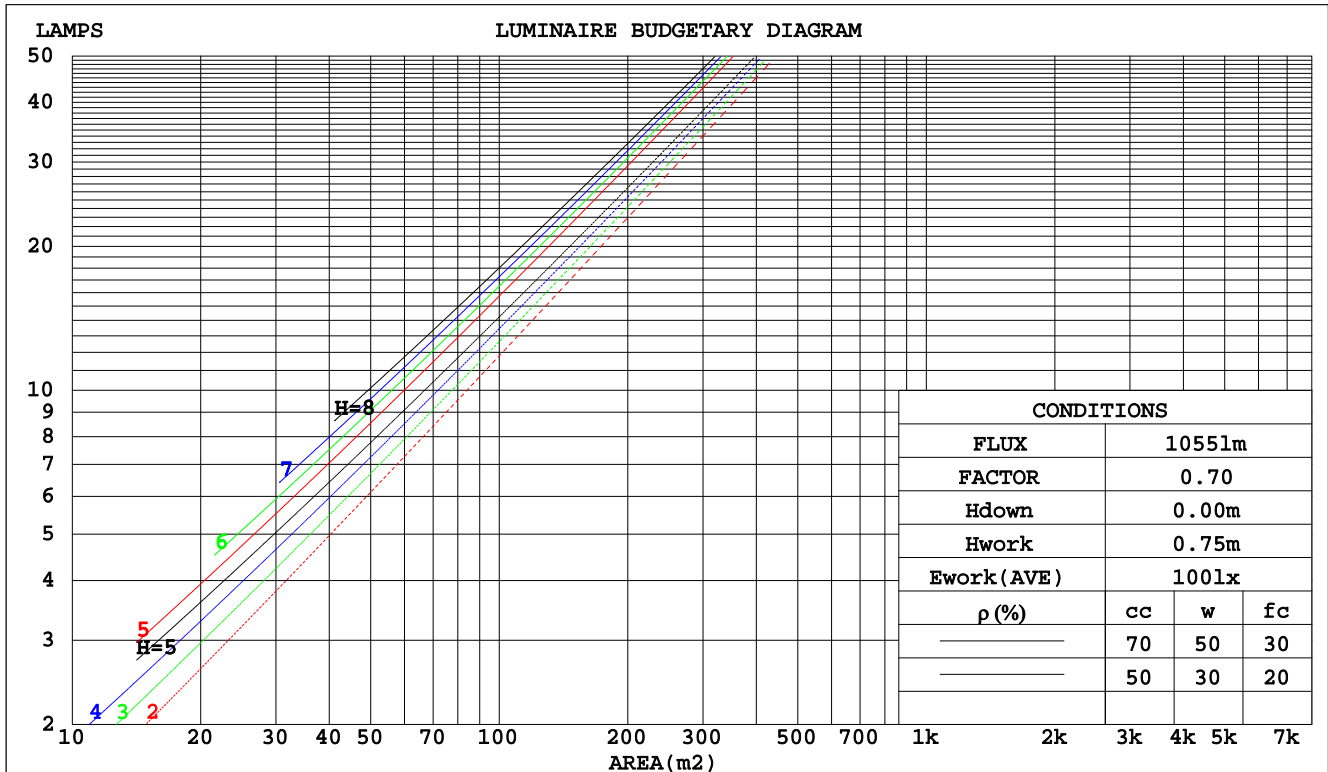
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-06-09

$\gamma$  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:220.6V I:0.0734A P:14.96W PF:0.9236 Lamp Flux:1054.73x1 lm		
NAME: FS6-13W-930-30D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L290mm*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	1.05	1.02	.99	1.04	1.01	.98	1.01	.98	.96	.98	.96	.94	.95	.93	.92	.90
3.0	.00	.96	.92	.99	.95	.92	.96	.93	.90	.94	.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	.86	.83	.80	.85	.82	.80	.79
6.0	.87	.82	.78	.86	.81	.78	.85	.81	.77	.83	.80	.77	.82	.79	.77	.75
7.0	.83	.78	.75	.83	.78	.75	.81	.77	.74	.80	.77	.74	.79	.76	.74	.72
8.0	.80	.75	.72	.79	.75	.72	.78	.74	.71	.77	.74	.71	.77	.73	.71	.70
9.0	.77	.72	.69	.76	.72	.69	.76	.72	.69	.75	.71	.68	.74	.71	.68	.67
10.0	.74	.70	.66	.74	.69	.66	.73	.69	.66	.72	.69	.66	.72	.68	.66	.65



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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:220.6V I:0.0734A P:14.96W PF:0.9236 Lamp Flux:1054.73x1 lm		
NAME: FS6-13W-930-30D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L290mm*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	.157	.090	.028	.151	.086	.027	.138	.079	.025	.127	.073	.023	.116	.067	.022	
2.0	.148	.081	.025	.142	.078	.024	.132	.073	.023	.122	.069	.021	.113	.064	.020	
3.0	.138	.074	.022	.134	.072	.022	.125	.068	.021	.117	.064	.020	.109	.061	.019	
4.0	.130	.068	.020	.126	.066	.020	.119	.063	.019	.112	.060	.018	.105	.057	.017	
5.0	.123	.063	.018	.119	.061	.018	.113	.059	.017	.107	.056	.017	.101	.054	.016	
6.0	.116	.058	.017	.113	.057	.016	.108	.055	.016	.103	.053	.016	.098	.051	.015	
7.0	.111	.055	.015	.108	.054	.015	.103	.052	.015	.098	.050	.015	.094	.049	.014	
8.0	.105	.051	.014	.103	.051	.014	.099	.049	.014	.095	.048	.014	.091	.047	.014	
9.0	.101	.049	.014	.099	.048	.013	.095	.047	.013	.091	.046	.013	.088	.045	.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	.157	.146	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.153	.133	.115	.131	.114	.100	.090	.079	.070	.052	.046	.041	.017	.015	.013	
3.0	.139	.113	.093	.119	.098	.081	.082	.068	.056	.047	.040	.033	.015	.013	.011	
4.0	.128	.098	.076	.109	.085	.066	.075	.059	.047	.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	.038	.027	.019	.012	.009	.006	
7.0	.102	.069	.045	.088	.060	.039	.061	.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:2017-06-09

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:220.6V I:0.0734A P:14.96W PF:0.9236 Lamp Flux:1054.73x1 lm										
NAME: FS6-13W-930-30D					TYPE:Downlight			SERIAL No.:		
SPEC.:3000K					DIM.: L290mm*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	11.0	11.8	11.2	12.0	12.1	12.1	12.9	12.3	13.0	13.2
3H	11.5	12.2	11.7	12.4	12.6	12.6	13.3	12.9	13.5	13.7
4H	11.6	12.3	11.9	12.5	12.7	12.8	13.5	13.1	13.7	13.9
6H	11.7	12.3	12.0	12.5	12.8	12.9	13.5	13.2	13.8	14.0
8H	11.7	12.3	12.0	12.5	12.8	12.9	13.5	13.2	13.8	14.0
12H	11.7	12.3	12.0	12.5	12.8	12.9	13.5	13.2	13.8	14.1
4H 2H	11.2	11.9	11.5	12.1	12.4	12.2	12.9	12.5	13.1	13.3
3H	11.9	12.5	12.2	12.7	13.0	12.9	13.5	13.2	13.7	14.0
4H	12.1	12.6	12.4	12.9	13.2	13.2	13.7	13.5	14.0	14.3
6H	12.2	12.7	12.6	13.0	13.3	13.3	13.8	13.7	14.1	14.4
8H	12.2	12.7	12.6	13.0	13.4	13.3	13.8	13.7	14.1	14.5
12H	12.2	12.6	12.6	13.0	13.4	13.4	13.8	13.8	14.2	14.5
8H 4H	12.1	12.6	12.5	12.9	13.3	13.2	13.6	13.6	14.0	14.3
6H	12.3	12.7	12.7	13.1	13.5	13.4	13.7	13.8	14.1	14.5
8H	12.4	12.7	12.8	13.1	13.6	13.4	13.8	13.9	14.2	14.6
12H	12.4	12.7	12.9	13.1	13.6	13.5	13.8	14.0	14.3	14.7
12H 4H	12.1	12.5	12.5	12.9	13.3	13.1	13.5	13.5	13.9	14.3
6H	12.3	12.6	12.7	13.0	13.5	13.3	13.7	13.8	14.1	14.5
8H	12.4	12.7	12.9	13.1	13.6	13.4	13.7	13.9	14.2	14.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.9 / - 1.2					+ 1.0 / - 1.2				
1.5H	+ 0.9 / - 0.9					+ 1.6 / - 1.0				
2.0H	+ 1.5 / - 1.2					+ 1.7 / - 1.2				

CIE Pub.117 Corrected 1055 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.2)

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Meng Yongjian  
 Test Date:2017-06-09

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:220.6V I:0.0734A P:14.96W PF:0.9236 Lamp Flux:1054.73x1 lm		
NAME: FS6-13W-930-30D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L290mm*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) $k(RI) \times RCR = 5$									
$k = 0.60$	88	81	78	87	81	77	86	81	77	74
0.80	95	89	85	94	89	85	93	88	85	81
1.00	99	94	90	98	93	90	97	93	89	85
1.25	103	98	95	102	97	94	100	96	93	89
1.50	106	101	98	105	100	97	102	99	96	92
2.00	108	104	101	107	103	100	104	101	99	94
2.50	110	106	103	109	105	102	105	103	101	95
3.00	112	108	106	110	107	104	107	104	102	96
4.00	114	111	109	112	109	107	108	106	105	98
5.00	115	113	111	113	111	109	109	108	106	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
 Humidity:52%  
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 Remarks:

## ISOCANDELA DIAGRAM

Test:U:220.6V I:0.0734A P:14.96W PF:0.9236 Lamp Flux:1054.73x1 lm		
NAME: FS6-13W-930-30D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L290mm*W45mm*H60mm	
MFR.:		

Conical surface Flux(90deg):

1005.3 lm

%lum = 95.3%

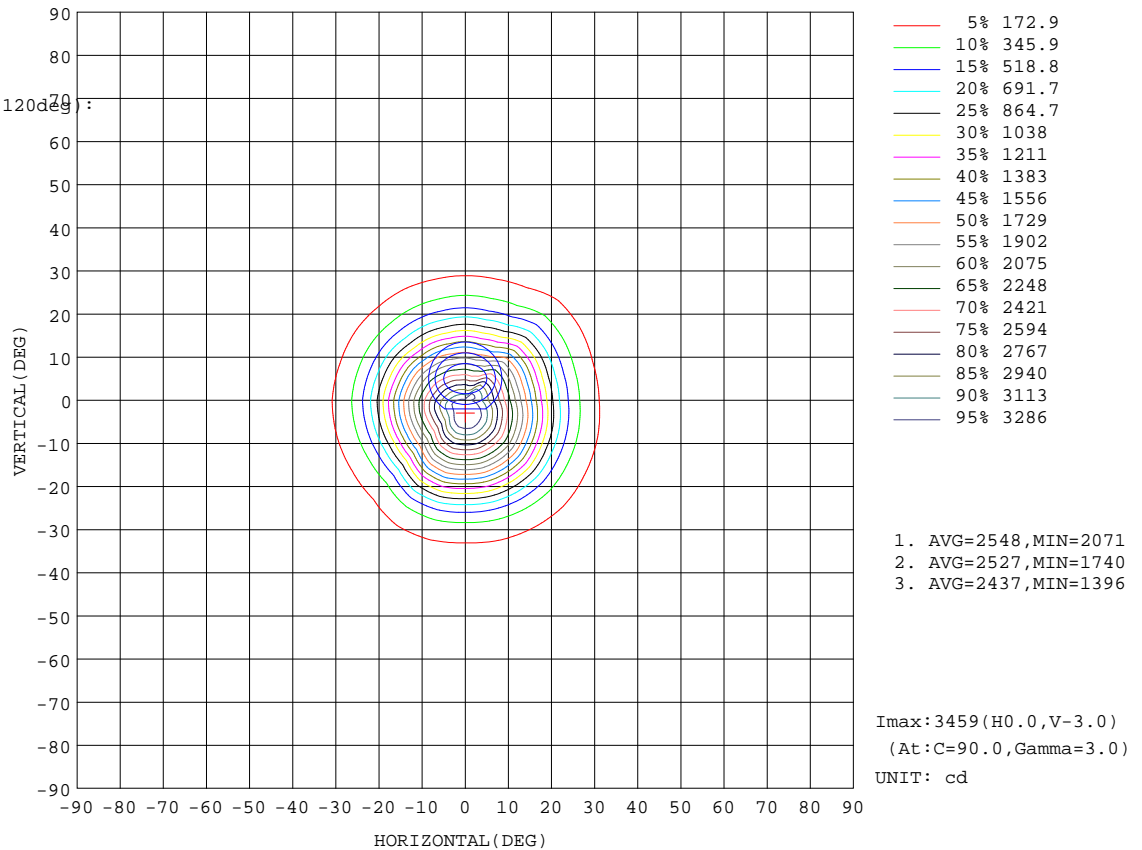
%lamp = 95.3%

Conical surface Flux(120deg):

1037.9 lm

%lum = 98.4%

%lamp = 98.4%



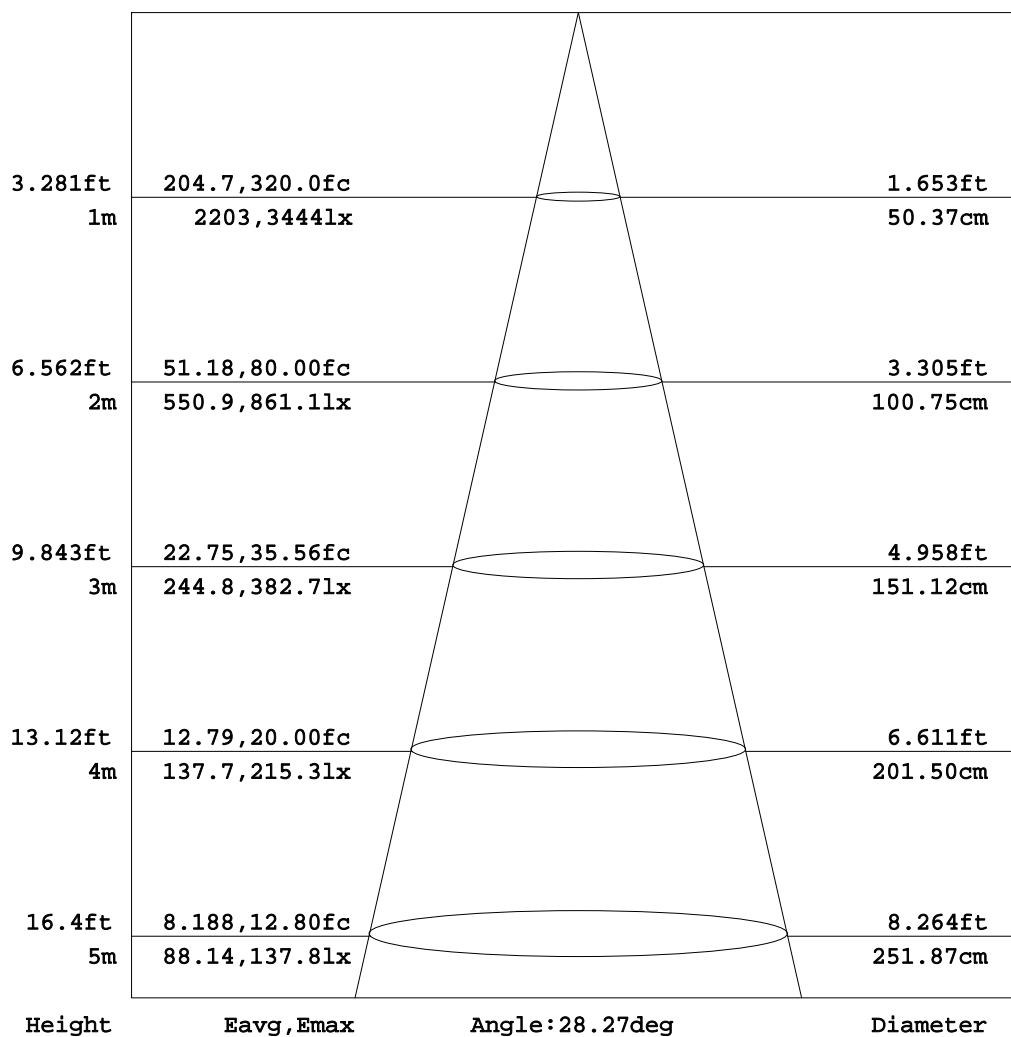
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## AAI Figure

Test:U:220.6V I:0.0734A P:14.96W PF:0.9236 Lamp Flux:1054.73x1 lm		
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SPEC.:3000K	DIM.: L290mm*W45mm*H60mm	
MFR.:		

Flux out:497.0 lm



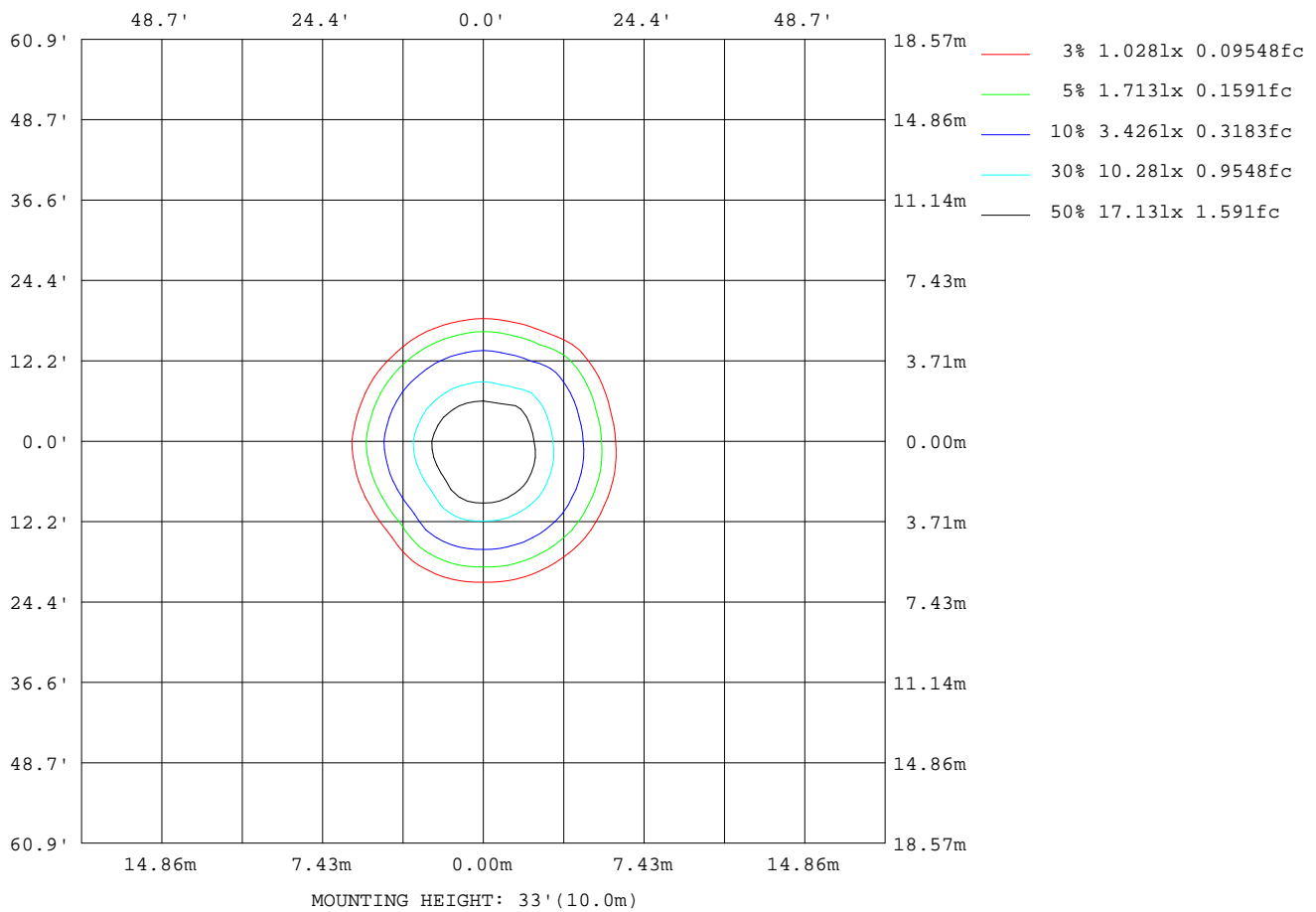
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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## ISOLUX DIAGRAM

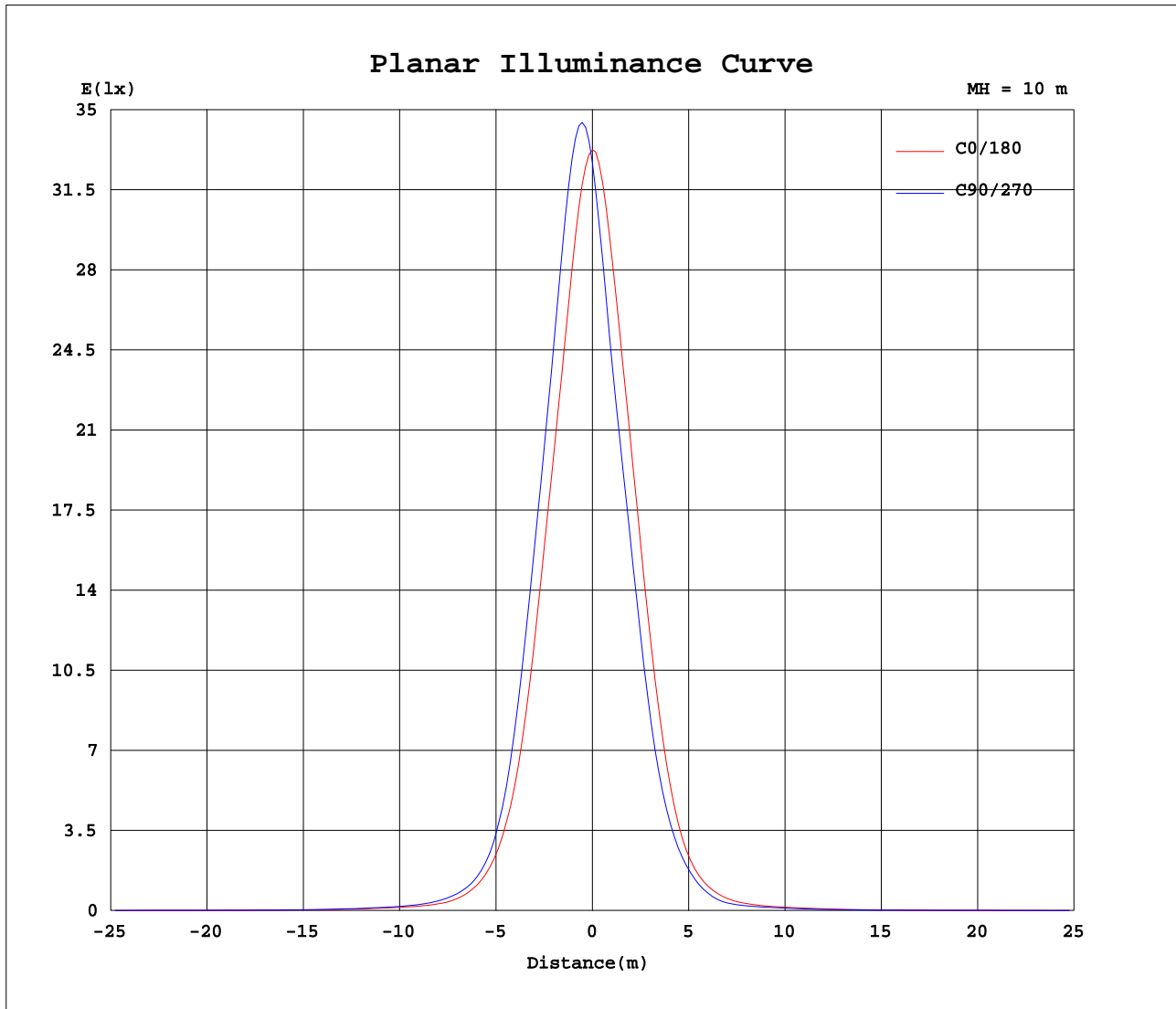
Test:U:220.6V I:0.0734A P:14.96W PF:0.9236 Lamp Flux:1054.73x1 lm		
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SPEC.:3000K	DIM.: L290mm*W45mm*H60mm	
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 Remarks:

## 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:220.6V I:0.0734A P:14.96W PF:0.9236 Lamp Flux:1054.73x1 lm		
NAME: FS6-13W-930-30D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L290mm*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%
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## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.6V I:0.0734A P:14.96W PF:0.9236 Lamp Flux:1054.73x1 lm		
NAME: FS6-13W-930-30D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L290mm*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: 2017-06-09

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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	3324	3312	3306	3289	3289	3268	3269	3241	3273	3430
3.0	3186	3271	3335	3394	3435	3455	3459	3431	3391	3350
6.0	2853	2990	3102	3224	3290	3346	3341	3318	3212	3019
9.0	2433	2580	2699	2843	2917	2987	2975	2960	2831	2585
12.0	2023	2158	2277	2414	2470	2529	2517	2518	2403	2155
15.0	1594	1737	1848	1985	2030	2078	2067	2077	1978	1713
18.0	1159	1286	1397	1533	1578	1617	1604	1635	1533	1253
21.0	780.8	875.5	961.4	1083	1120	1147	1127	1161	1076	831.5
24.0	509.9	562.9	619.7	701.8	724.9	732.9	715.3	741.4	688.2	507.1
27.0	321.3	354.4	384.8	430.9	440.9	443.7	433.0	448.1	410.8	304.3
30.0	203.0	224.1	239.9	267.2	272.3	274.8	268.3	272.7	252.2	194.9
33.0	129.1	144.4	156.6	172.4	177.1	180.4	174.4	178.5	167.9	134.0
36.0	84.26	95.42	105.8	116.2	120.5	123.1	120.8	124.7	116.5	92.18
39.0	60.24	66.60	73.98	81.63	85.47	87.95	86.02	87.45	82.80	67.88
42.0	47.87	52.34	57.10	61.47	64.59	66.14	65.39	65.59	62.49	53.24
45.0	40.72	43.55	46.07	49.27	50.90	52.59	52.43	52.38	49.84	43.82
48.0	34.33	36.83	38.55	40.86	42.02	43.45	43.38	42.84	41.11	36.50
51.0	27.20	29.79	31.30	33.44	34.56	36.01	35.88	35.33	33.70	29.09
54.0	20.70	22.73	24.19	25.87	26.74	27.97	27.62	27.63	26.07	22.14
57.0	16.79	18.16	19.02	19.91	20.42	20.72	20.63	20.88	20.22	17.98
60.0	14.48	15.51	15.99	16.55	17.00	16.88	16.80	17.19	16.79	15.41
63.0	12.17	13.07	13.69	14.24	14.50	14.60	14.58	14.93	14.52	13.03
66.0	10.06	10.90	11.45	12.20	12.35	12.44	12.67	12.76	12.40	10.85
69.0	8.110	8.876	9.385	10.08	10.30	10.51	10.53	10.74	10.28	8.819
72.0	6.252	6.975	7.403	8.062	8.251	8.409	8.387	8.630	8.216	6.948
75.0	3.939	4.621	5.046	5.775	6.273	6.373	6.206	6.347	5.968	4.342
78.0	2.931	3.203	3.382	3.612	3.723	3.856	3.840	3.854	3.629	3.048
81.0	2.041	2.280	2.450	2.652	2.752	2.870	2.859	2.881	2.673	2.134
84.0	1.252	1.454	1.604	1.779	1.873	1.970	1.969	1.978	1.796	1.672
87.0	0.5296	0.7045	0.8446	0.9952	1.079	1.166	1.164	1.172	1.015	0.9144
90.0	0.0656	0.0984	0.1902	0.2842	0.3695	0.4285	0.4482	0.4395	0.3170	0.2427
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	3427	3416	3324	3312	3306	3289	3289	3268	3269	3241
3.0	3321	3308	3198	3102	3038	2957	2921	2868	2864	2833
6.0	2970	2964	2874	2746	2659	2554	2493	2422	2407	2384
9.0	2540	2538	2477	2352	2268	2161	2089	2020	2005	1983
12.0	2106	2092	2061	1945	1855	1748	1683	1611	1601	1584
15.0	1654	1642	1614	1495	1414	1300	1249	1184	1188	1172
18.0	1196	1191	1181	1076	1003	899.2	861.8	817.6	822.5	815.2
21.0	786.2	792.4	796.1	715.6	664.6	596.3	569.6	544.0	550.3	542.0
24.0	490.5	493.0	502.4	451.8	421.1	382.9	368.1	355.8	361.2	359.7
27.0	293.5	301.9	310.3	283.1	264.9	245.2	237.2	231.2	234.2	234.0
30.0	187.7	192.0	196.1	176.9	166.9	153.6	149.5	141.2	142.7	142.6
33.0	127.2	128.8	128.2	113.5	103.5	93.07	87.26	82.12	83.09	83.90
36.0	88.32	86.12	84.56	75.76	68.70	61.68	57.90	56.19	54.77	56.19
39.0	65.07	62.93	62.69	56.85	51.86	48.36	45.94	44.04	43.30	43.35
42.0	51.38	50.01	49.69	45.84	43.26	40.79	38.97	37.35	36.72	36.84
45.0	42.84	41.93	41.79	38.70	36.89	34.90	33.54	31.97	31.50	31.53
48.0	35.85	35.39	35.15	32.25	30.56	28.47	27.31	25.84	25.52	25.40
51.0	28.38	28.20	27.96	25.22	23.54	21.80	20.89	19.63	19.57	19.54
54.0	21.38	21.23	21.07	19.41	18.34	17.37	16.73	16.09	16.01	16.02
57.0	17.47	17.09	17.18	16.16	15.54	14.78	14.33	13.82	13.66	13.69
60.0	14.95	14.72	14.70	13.79	13.33	12.56	12.17	11.73	11.59	11.60
63.0	12.53	12.44	12.46	11.69	11.24	10.56	10.14	9.714	9.648	9.674
66.0	10.50	10.39	10.41	9.718	9.244	8.627	8.219	7.817	7.786	7.800
69.0	8.621	8.493	8.489	7.798	7.284	6.796	6.402	6.033	5.988	5.954
72.0	6.718	6.623	6.601	5.743	5.273	4.453	4.166	3.892	3.929	3.940
75.0	4.197	4.157	4.193	3.687	3.458	3.208	3.080	2.950	2.938	2.909
78.0	2.992	3.004	3.014	2.727	2.529	2.311	2.205	2.095	2.083	2.060
81.0	2.093	2.110	2.098	1.843	1.681	1.498	1.405	1.307	1.296	1.277
84.0	1.298	1.307	1.282	1.061	0.9111	0.7610	0.6794	0.5947	0.5898	0.5794
87.0	0.5778	0.5909	0.5464	0.3606	0.2432	0.1415	0.0827	0.0754	0.0589	0.0817
90.0	0.0809	0.0678	0.0459	0.0481	0.0459	0.0459	0.0459	0.0459	0.0459	0.0481
G/C	300.0	315.0	330.0	345.0						
0.0	3273	3430	3427	3416						
3.0	2903	3200	3228	3235						
6.0	2471	2789	2830	2838						
9.0	2078	2368	2389	2388						
12.0	1676	1963	1975	1969						
15.0	1264	1539	1558	1542						
18.0	893.1	1123	1139	1116						
21.0	597.2	770.1	777.4	749.2						

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
 Test Date: 2017-06-09

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	393.2	512.5	505.8	489.5
27.0	253.7	329.2	323.5	308.8
30.0	158.1	209.9	206.7	192.9
33.0	93.53	127.1	127.6	120.9
36.0	59.61	77.42	78.43	77.96
39.0	45.66	53.26	54.70	54.61
42.0	38.71	43.06	44.15	44.55
45.0	33.17	36.76	37.68	38.07
48.0	26.95	31.11	31.70	31.97
51.0	20.83	24.73	25.19	25.31
54.0	16.68	19.18	19.58	19.44
57.0	14.19	15.74	16.17	16.00
60.0	12.10	13.49	13.78	13.69
63.0	10.13	11.44	11.47	11.51
66.0	8.245	9.458	9.452	9.486
69.0	6.342	7.505	7.626	7.577
72.0	4.167	5.667	5.844	5.726
75.0	3.058	3.699	3.752	3.695
78.0	2.190	2.731	2.761	2.740
81.0	1.396	1.896	1.919	1.900
84.0	0.6774	1.126	1.149	1.135
87.0	0.0935	0.4481	0.4658	0.4502
90.0	0.0481	0.0656	0.0547	0.0525

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γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
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