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LED Downlight FUSION Series LE-FF10-22W-840-24D  
Specular

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Light Output Ratio:	100.0%	
Luminaire Power:	25.15 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: 25.2DEG  
Operators: Cao Chengpei  
Test Date: 2016-06-23

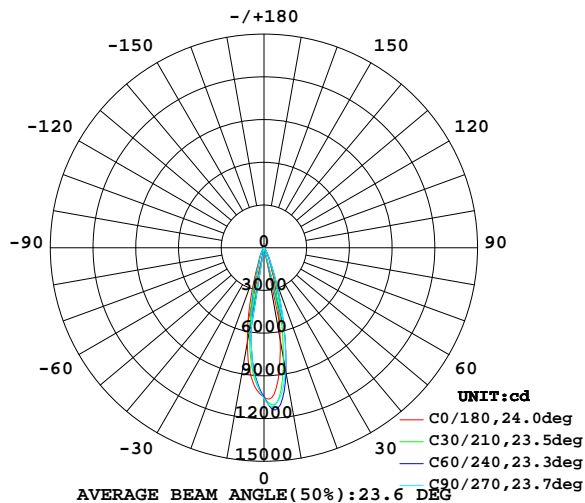
$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

## LUMINAIRE PHOTOMETRIC TEST REPORT

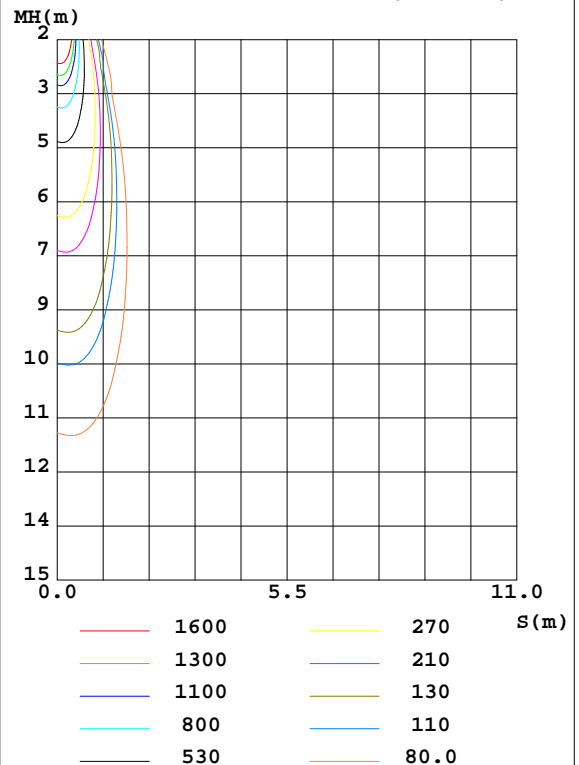
Test:U:220.0V I:0.1185A P:25.15W PF:0.9646 Lamp Flux:2289.21x1 lm		
NAME: FF10-22W-840-24D Specular	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L290mm*W45mm*H60mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 91.02 lm/W			
MODEL	CREE-4000K	I <sub>max</sub> (cd)	11431	S/MH(C0/180)	0.41
NOMINAL POWER(W)	24	LOR(%)	100.0	S/MH(C90/270)	0.33
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	2289.2	η UP,DN(C0-180)	0.0,60.4
NOMINAL FLUX(lm)	2289.21	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,39.6
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)



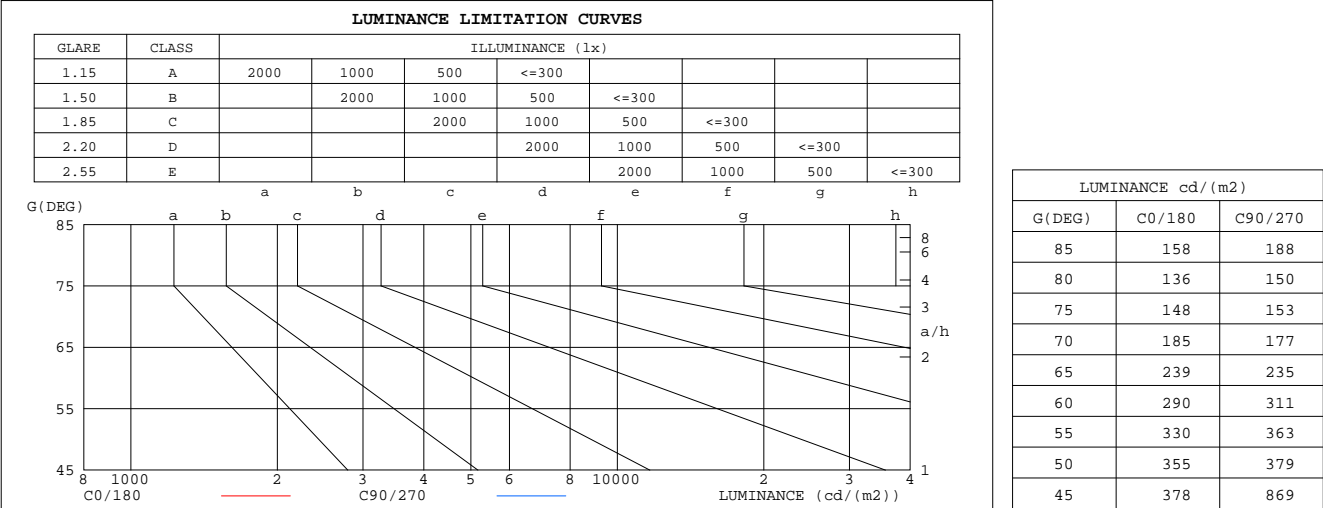
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.2DEG  
 Operators:Cao Chengpei  
 Test Date:2016-06-23

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	659.9	857.9	871.6	798.2	677.6	533.0	505.6	542.7	0- 10	829.6	829.6	36.2,36.2
20	144.6	228.7	238.0	195.2	126.9	94.52	95.29	108.1	10- 20	997.2	1827	79.8,79.8
30	33.37	48.85	53.25	47.93	35.16	26.63	25.15	27.04	20- 30	361.3	2188	95.6,95.6
40	2.152	5.229	5.800	4.482	2.051	0.9290	0.8813	1.005	30- 40	91.08	2279	99.6,99.6
50	0.2981	0.3103	0.3179	0.2971	0.2906	0.2852	0.2951	0.2939	40- 50	6.216	2285	99.8,99.8
60	0.1891	0.2136	0.2032	0.1807	0.1681	0.1343	0.1221	0.1552	50- 60	2.109	2287	99.9,99.9
70	0.0827	0.0958	0.0789	0.0694	0.0672	0.0537	0.0477	0.0576	60- 70	1.117	2289	100,100
80	0.0307	0.0336	0.0339	0.0283	0.0262	0.0209	0.0177	0.0222	70- 80	0.4715	2289	100,100
90	0.0113	0.0115	0.0119	0.0102	0.0096	0.0085	0.0083	0.0075	80- 90	0.1734	2289	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:×10cd									UNIT:lm		



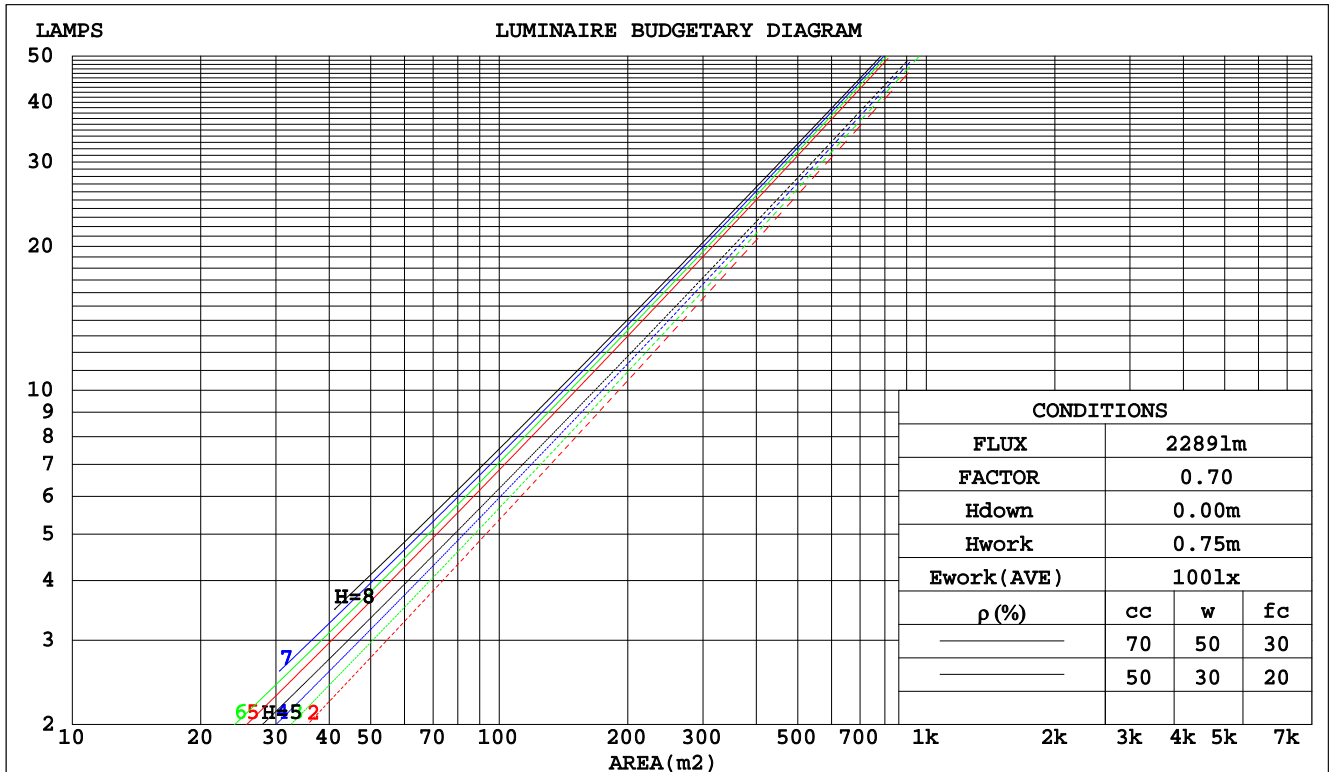
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Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity:52%  
Test Distance:5.850m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.0V I:0.1185A P:25.15W PF:0.9646 Lamp Flux:2289.21x1 lm		
NAME: FF10-22W-840-24D Specular	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	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	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	1.13	1.11	1.09	1.11	1.09	1.08	1.07	1.06	1.04	1.03	1.02	1.01	.00	.99	.98	.97
2.0	1.08	1.05	1.02	1.06	1.03	1.01	1.03	1.01	.99	1.00	.98	.97	.98	.96	.95	.94
3.0	1.03	.00	.97	1.02	.99	.96	.00	.97	.95	.97	.95	.93	.95	.93	.92	.91
4.0	.99	.95	.92	.98	.95	.92	.96	.93	.91	.94	.92	.90	.93	.91	.89	.88
5.0	.96	.92	.89	.95	.91	.88	.93	.90	.88	.92	.89	.87	.90	.88	.86	.85
6.0	.93	.88	.85	.92	.88	.85	.91	.87	.85	.89	.86	.84	.88	.86	.84	.83
7.0	.90	.85	.83	.89	.85	.82	.88	.84	.82	.87	.84	.82	.86	.83	.81	.80
8.0	.87	.83	.80	.86	.83	.80	.85	.82	.80	.85	.82	.79	.84	.81	.79	.78
9.0	.84	.80	.78	.84	.80	.78	.83	.80	.77	.82	.79	.77	.82	.79	.77	.76
10.0	.82	.78	.75	.82	.78	.75	.81	.78	.75	.80	.77	.75	.80	.77	.75	.74



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 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
 Humidity:52%  
 Test Distance:5.850m [K=1.0000]  
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## WEC AND CCEC

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SPEC.:4000K	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	.135	.077	.024	.129	.073	.023	.116	.067	.021	.105	.061	.019	.094	.055	.018		
2.0	.125	.069	.021	.120	.066	.020	.110	.061	.019	.100	.056	.018	.092	.052	.016		
3.0	.117	.062	.019	.112	.060	.018	.104	.056	.017	.096	.053	.016	.089	.049	.015		
4.0	.109	.057	.017	.106	.055	.016	.098	.052	.016	.092	.049	.015	.086	.047	.014		
5.0	.103	.053	.015	.100	.051	.015	.094	.049	.014	.088	.046	.014	.083	.044	.013		
6.0	.098	.049	.014	.095	.048	.014	.090	.046	.013	.085	.044	.013	.080	.042	.013		
7.0	.093	.046	.013	.090	.045	.013	.086	.043	.012	.081	.042	.012	.077	.040	.012		
8.0	.088	.043	.012	.086	.042	.012	.082	.041	.012	.079	.040	.011	.075	.039	.011		
9.0	.085	.041	.011	.083	.040	.011	.079	.039	.011	.076	.038	.011	.073	.037	.011		
10.0	.081	.039	.011	.079	.038	.011	.076	.037	.011	.073	.036	.010	.070	.035	.010		

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	.168	.158	.148	.144	.135	.128	.098	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.150	.133	.118	.128	.114	.102	.088	.079	.071	.051	.046	.042	.016	.015	.014	
3.0	.135	.113	.096	.116	.098	.083	.079	.068	.058	.046	.040	.034	.015	.013	.011	
4.0	.122	.098	.079	.105	.085	.069	.072	.059	.048	.042	.035	.029	.013	.011	.009	
5.0	.112	.086	.066	.096	.074	.058	.066	.052	.041	.038	.030	.024	.012	.010	.008	
6.0	.103	.076	.056	.088	.065	.049	.061	.046	.034	.035	.027	.020	.011	.009	.007	
7.0	.095	.067	.048	.082	.058	.042	.057	.041	.029	.033	.024	.018	.011	.008	.006	
8.0	.089	.061	.041	.076	.053	.036	.053	.037	.025	.031	.022	.015	.010	.007	.005	
9.0	.083	.055	.036	.072	.048	.031	.050	.033	.022	.029	.020	.013	.009	.006	.004	
10.0	.078	.050	.031	.067	.044	.027	.047	.031	.019	.027	.018	.012	.009	.006	.004	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
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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:

UGR(Unified Glare Rating) Table

Test:U:220.0V I:0.1185A P:25.15W PF:0.9646 Lamp Flux:2289.21x1 lm										
NAME: FF10-22W-840-24D Specular					TYPE:Downlight			SERIAL No.:		
SPEC.:4000K					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	6.8	7.5	7.0	7.6	7.8	10.0	10.6	10.2	10.8	10.9
3H	6.7	7.3	6.9	7.5	7.7	9.9	10.5	10.1	10.6	10.8
4H	6.6	7.2	6.9	7.4	7.6	9.8	10.4	10.0	10.6	10.8
6H	6.5	7.1	6.8	7.3	7.5	9.7	10.2	10.0	10.5	10.7
8H	6.5	7.0	6.8	7.3	7.5	9.7	10.2	10.0	10.4	10.7
12H	6.4	7.0	6.8	7.2	7.5	9.6	10.1	9.9	10.4	10.6
4H 2H	6.6	7.2	6.9	7.4	7.6	9.8	10.4	10.0	10.6	10.8
3H	6.5	7.0	6.8	7.2	7.5	9.6	10.1	9.9	10.4	10.6
4H	6.4	6.8	6.7	7.1	7.4	9.5	10.0	9.9	10.3	10.6
6H	6.3	6.7	6.6	7.0	7.3	9.4	9.8	9.8	10.2	10.5
8H	6.2	6.6	6.6	6.9	7.3	9.4	9.8	9.8	10.1	10.5
12H	6.2	6.5	6.6	6.9	7.3	9.3	9.7	9.7	10.0	10.4
8H 4H	6.2	6.6	6.6	6.9	7.3	9.4	9.8	9.8	10.1	10.5
6H	6.1	6.4	6.5	6.8	7.2	9.3	9.6	9.7	10.0	10.4
8H	6.1	6.3	6.5	6.8	7.2	9.2	9.5	9.6	9.9	10.3
12H	6.0	6.2	6.5	6.7	7.1	9.1	9.4	9.6	9.8	10.3
12H 4H	6.2	6.5	6.6	6.9	7.3	9.3	9.7	9.7	10.0	10.4
6H	6.1	6.3	6.5	6.7	7.2	9.2	9.5	9.6	9.9	10.3
8H	6.0	6.2	6.5	6.7	7.1	9.1	9.4	9.6	9.8	10.3
Variations with the observer position at spacings:										
S = 1.0H	+ 3.0 / - 8.5					+ 4.3 / -11.4				
1.5H	+ 5.7 / - 8.1					+ 7.1 / -11.0				
2.0H	+ 0.4 / - 0.6					+ 3.2 / - 1.0				

CIE Pub.117 Corrected 2289 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.9)

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:220.0V I:0.1185A P:25.15W PF:0.9646 Lamp Flux:2289.2lx1 lm		
NAME: FF10-22W-840-24D Specular	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	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) $k(RI) \times RCR = 5$									
$k = 0.60$	91	86	82	91	86	82	90	85	82	79
0.80	98	93	90	98	93	90	96	92	89	86
1.00	102	97	94	101	97	93	100	96	93	89
1.25	105	101	98	104	100	97	103	99	97	93
1.50	108	104	101	107	103	100	104	101	99	95
2.00	110	106	103	109	105	103	106	103	101	96
2.50	111	108	105	110	107	104	107	104	103	97
3.00	113	110	107	111	108	106	108	106	104	98
4.00	115	112	110	113	111	109	109	107	106	99
5.00	116	114	112	114	112	111	110	109	107	100
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.: L290mm*W45mm*H60mm	
MFR.:		

Conical surface Flux(90deg):

2283.9 lm

%lum = 99.8%

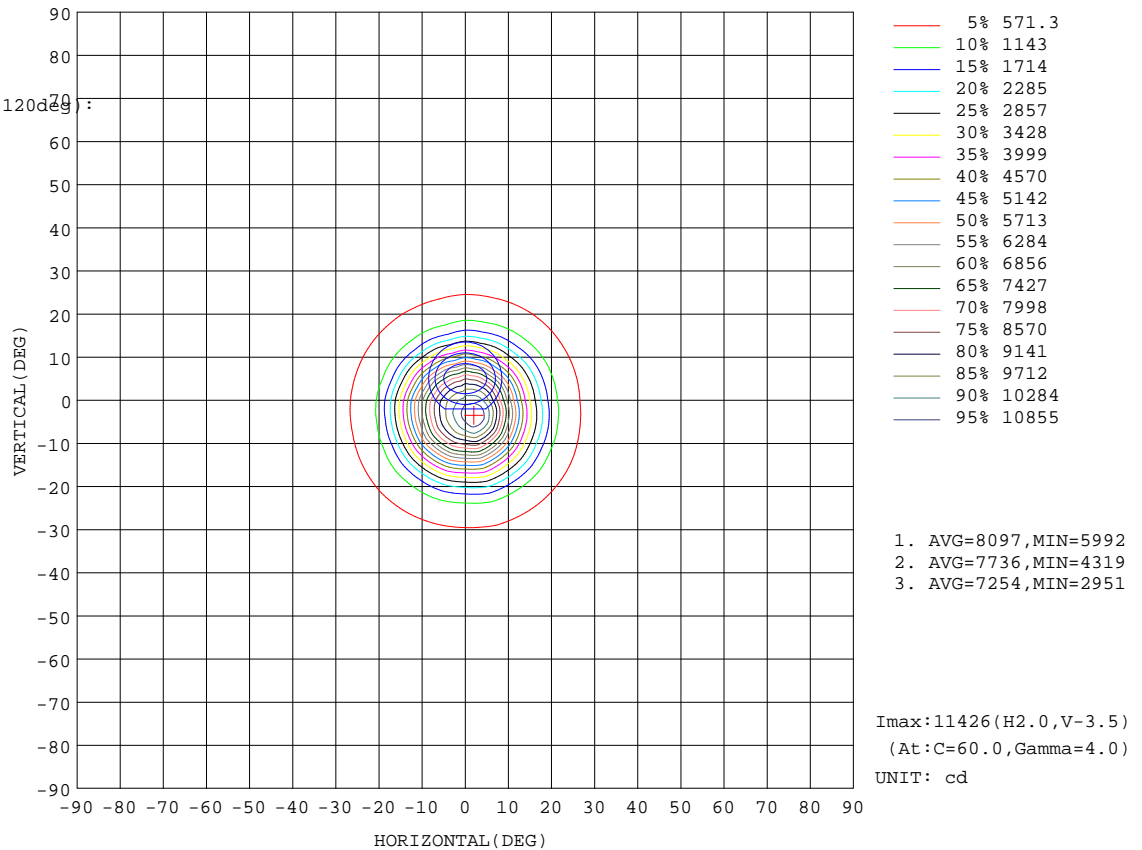
%lamp = 99.8%

Conical surface Flux(120deg):

2287.5 lm

%lum = 99.9%

%lamp = 99.9%



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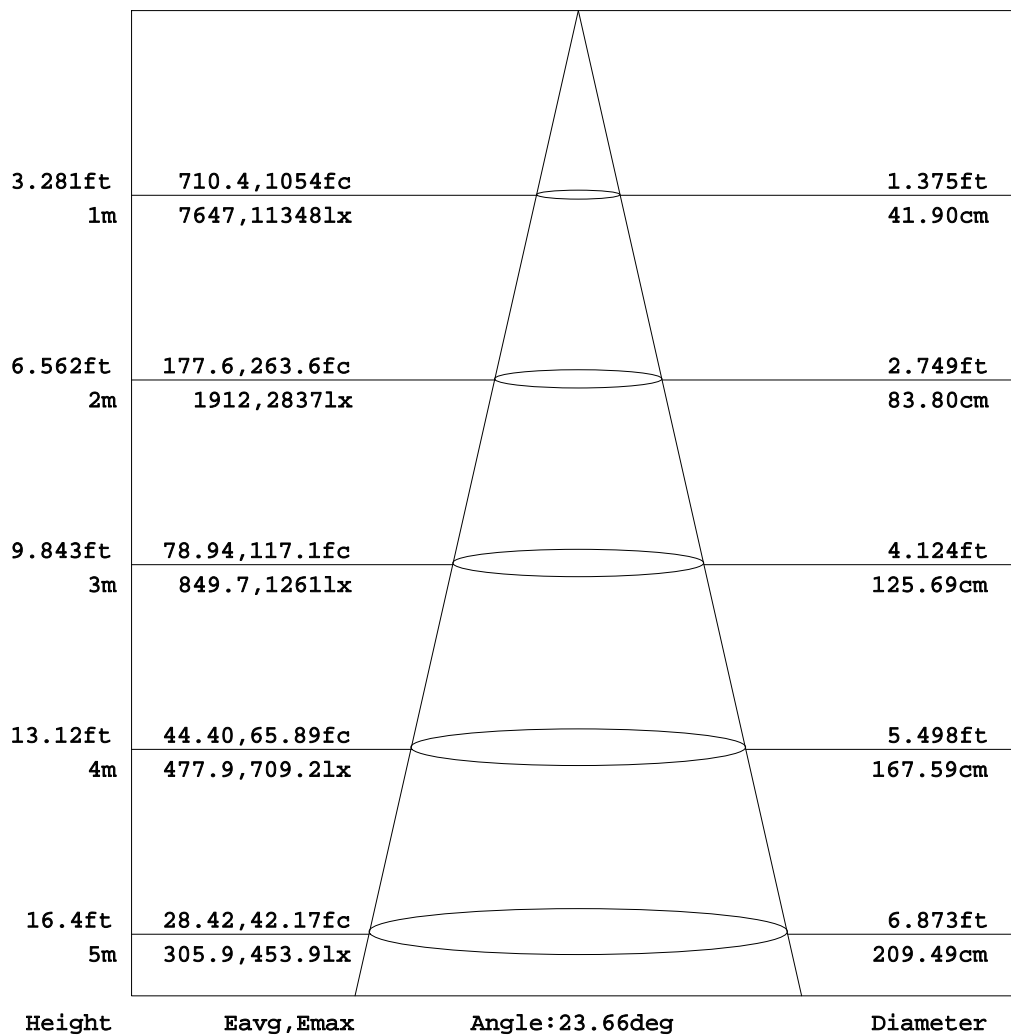
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## AAI Figure

Test:U:220.0V I:0.1185A P:25.15W PF:0.9646 Lamp Flux:2289.21x1 lm		
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SPEC.:4000K	DIM.: L290mm*W45mm*H60mm	
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Flux out:1085 lm



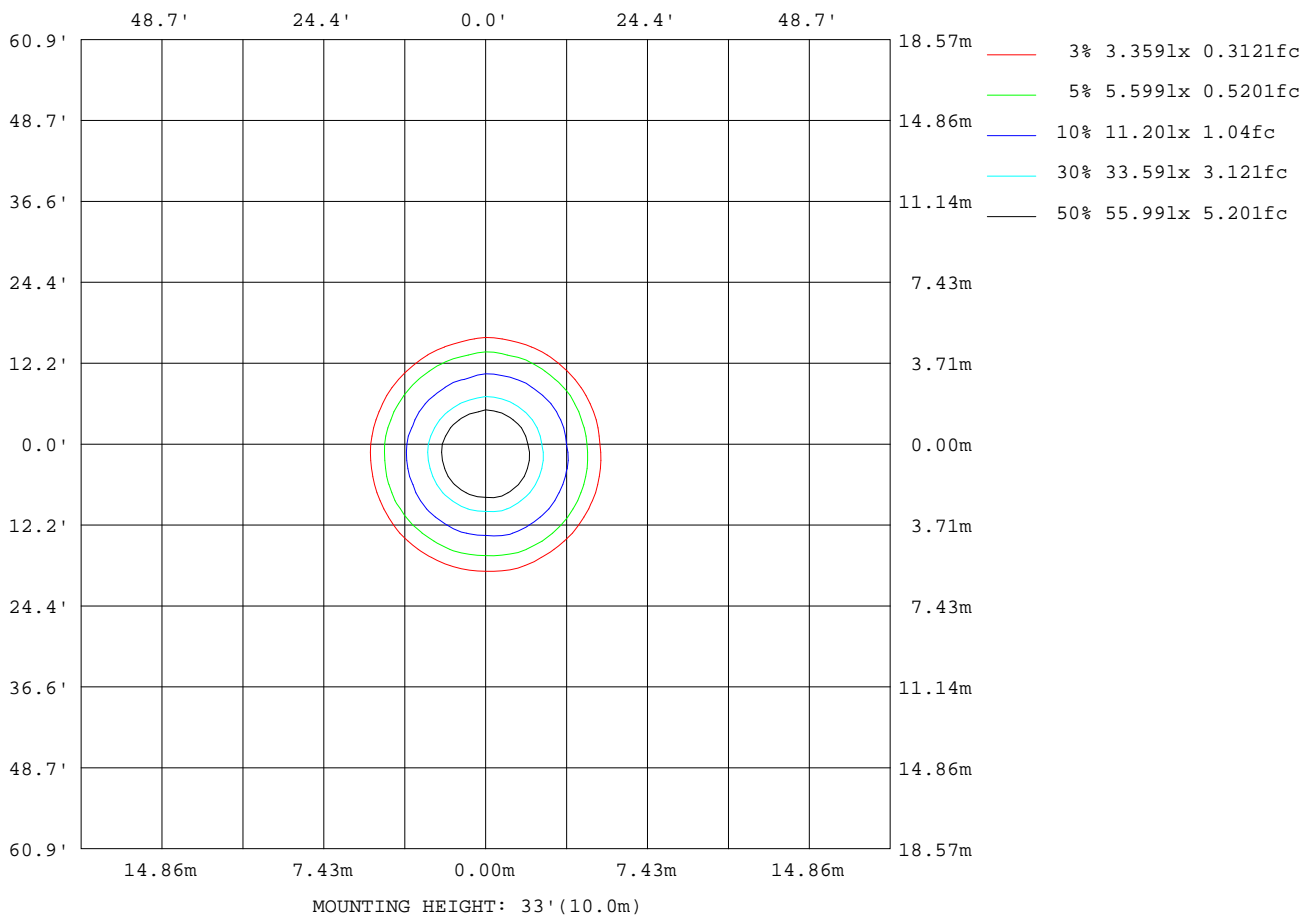
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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## ISOLUX DIAGRAM

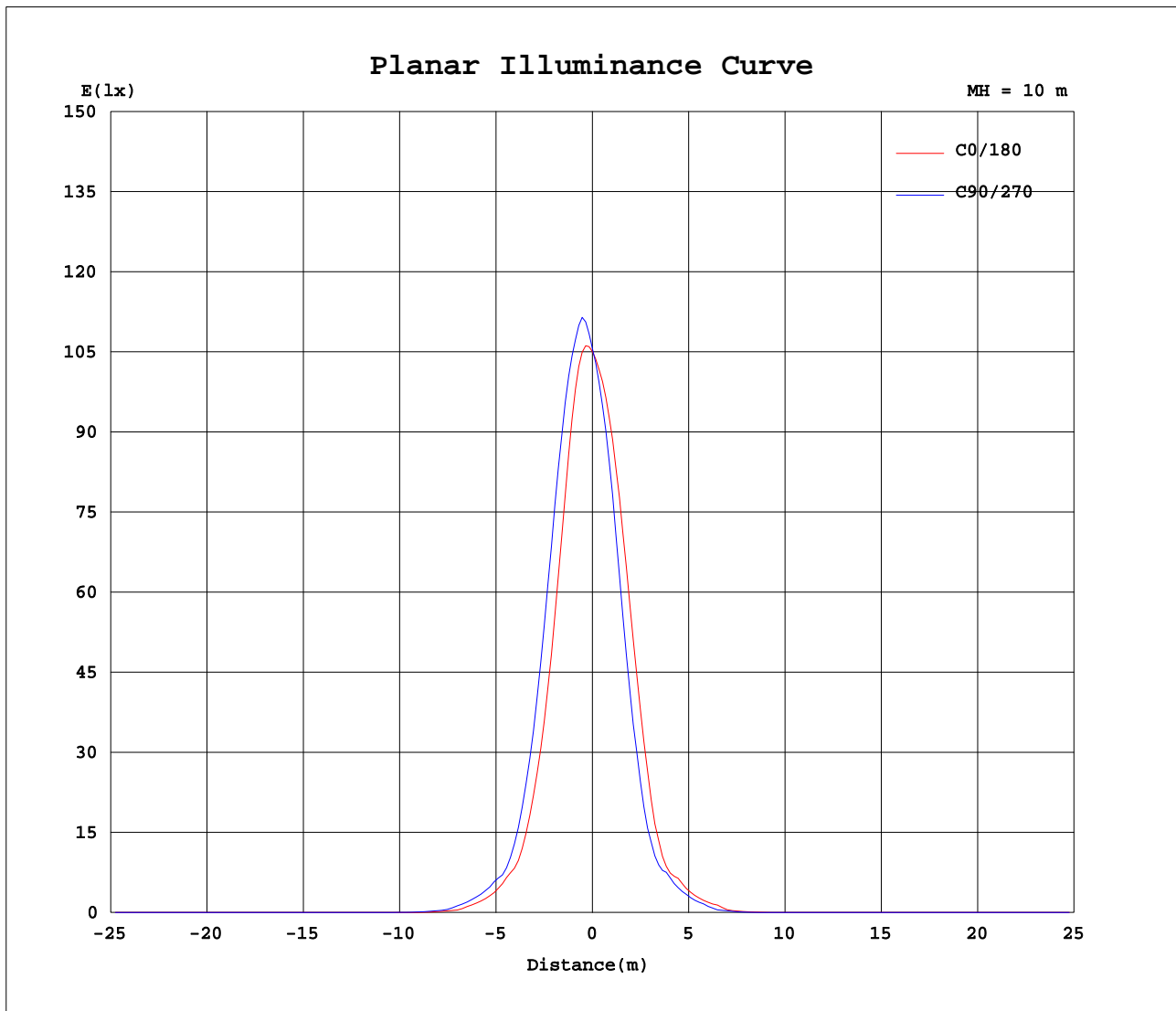
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## Planar Illuminance Curve



C Range: 0 - 360DEG  
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## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.0V I:0.1185A P:25.15W PF:0.9646 Lamp Flux:2289.21x1 lm		
NAME: FF10-22W-840-24D Specular	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L290mm*W45mm*H60mm	
MFR.:		

Table--1

UNIT:  $\times 10 \text{cd}$ [illegible]

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
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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:

```

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.0V I:0.1185A P:25.15W PF:0.9646 Lamp Flux:2289.21x1 lm		
NAME: FF10-22W-840-24D Specular	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L290mm*W45mm*H60mm	
MFR.:		

Table--2

UNIT:  $\times 10 \text{cd}$ [illegible]

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.2DEG  
Operators: Cao Chengpei  
Test Date: 2016-06-23

```

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	10505	10485	10506	10469	10493	10454	10563	10519	10525	10499
3.0	10539	10799	11049	11225	11357	11301	11193	10909	10662	10467
6.0	9401	10003	10487	10927	11072	10990	10602	10307	10006	9765
9.0	7328	8082	8636	9296	9582	9722	9282	9137	8832	8566
12.0	5167	5843	6371	7023	7377	7679	7330	7330	7016	6751
15.0	3408	3897	4299	4852	5129	5456	5204	5223	4977	4696
18.0	2114	2500	2796	3143	3350	3584	3353	3377	3152	2923
21.0	1200	1451	1629	1900	2022	2159	1962	1938	1760	1611
24.0	860.0	939.2	973.1	1059	1122	1198	1102	1095	1012	949.9
27.0	530.2	607.2	694.2	774.5	838.7	862.6	815.0	817.0	757.4	723.1
30.0	333.7	386.2	435.4	488.5	512.5	555.3	532.5	532.2	507.5	479.3
33.0	191.6	224.2	258.7	299.8	321.1	352.8	336.9	339.3	318.1	300.9
36.0	72.61	89.03	112.0	151.9	178.3	202.9	167.1	176.3	141.2	149.1
39.0	35.61	47.14	53.95	64.87	72.06	76.68	71.64	72.10	67.00	61.22
42.0	8.301	14.05	17.93	25.11	32.38	36.25	30.61	29.85	24.63	20.26
45.0	3.485	3.975	4.813	6.544	7.677	8.938	8.018	8.043	7.020	6.109
48.0	3.173	3.195	3.233	3.263	3.315	3.399	3.325	3.284	3.226	3.150
51.0	2.894	2.911	2.962	3.022	3.092	3.124	3.101	3.050	2.973	2.888
54.0	2.583	2.626	2.690	2.771	2.853	2.890	2.830	2.760	2.677	2.587
57.0	2.240	2.304	2.385	2.479	2.560	2.581	2.473	2.393	2.300	2.227
60.0	1.891	1.965	2.046	2.136	2.185	2.178	2.032	1.944	1.855	1.807
63.0	1.533	1.618	1.697	1.765	1.772	1.730	1.574	1.488	1.416	1.388
66.0	1.209	1.290	1.358	1.390	1.367	1.307	1.169	1.094	1.047	1.022
69.0	0.9170	0.9919	1.049	1.058	1.030	0.9621	0.8637	0.8025	0.7826	0.7578
72.0	0.6783	0.7300	0.7807	0.7769	0.7658	0.7173	0.6612	0.6173	0.6078	0.5790
75.0	0.5013	0.5364	0.5780	0.5726	0.5780	0.5408	0.5161	0.4790	0.4756	0.4471
78.0	0.3732	0.3853	0.4244	0.4193	0.4393	0.4087	0.4030	0.3683	0.3753	0.3427
81.0	0.2751	0.2788	0.3135	0.3044	0.3305	0.3065	0.3113	0.2831	0.2922	0.2554
84.0	0.1985	0.2021	0.2282	0.2171	0.2432	0.2256	0.2346	0.2107	0.2218	0.1872
87.0	0.1387	0.1341	0.1600	0.1490	0.1771	0.1596	0.1685	0.1426	0.1557	0.1298
90.0	0.1129	0.1086	0.1172	0.1150	0.1214	0.1172	0.1193	0.1108	0.1129	0.1023
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	10496	10497	10505	10485	10506	10469	10493	10454	10563	10519
3.0	10253	10120	9987	9778	9648	9470	9426	9319	9534	9528
6.0	9444	9216	9005	8582	8337	7996	7875	7648	7953	7898
9.0	8077	7731	7387	6849	6496	6000	5796	5490	5775	5719
12.0	6208	5795	5464	4840	4465	4007	3820	3581	3771	3753
15.0	4250	3886	3552	3018	2705	2329	2176	2006	2198	2202
18.0	2503	2182	1931	1588	1474	1265	1204	1138	1234	1251
21.0	1353	1174	1066	942.6	906.1	891.5	900.3	911.7	926.6	957.7
24.0	878.7	869.3	843.4	767.3	680.5	634.7	592.3	584.7	612.1	612.7
27.0	641.9	581.3	541.7	480.9	449.6	406.7	390.0	370.1	397.8	392.4
30.0	419.7	380.4	351.6	316.9	290.5	266.3	256.7	236.7	251.5	248.3
33.0	261.0	242.3	241.0	165.4	158.2	96.28	88.13	81.75	85.35	85.89
36.0	94.27	79.41	71.33	61.77	54.60	46.30	42.61	37.58	45.33	44.74
39.0	47.33	36.94	29.97	22.00	17.96	14.67	12.92	10.70	12.15	11.78
42.0	14.26	11.22	9.252	6.926	5.631	4.477	4.179	3.941	4.180	4.058
45.0	4.437	3.642	3.532	3.438	3.437	3.460	3.512	3.546	3.601	3.569
48.0	3.090	3.043	3.134	3.098	3.090	3.105	3.141	3.162	3.251	3.258
51.0	2.803	2.730	2.798	2.743	2.723	2.707	2.708	2.688	2.791	2.826
54.0	2.485	2.396	2.448	2.364	2.316	2.253	2.205	2.140	2.243	2.302
57.0	2.127	2.046	2.073	1.967	1.890	1.784	1.696	1.618	1.692	1.759
60.0	1.733	1.665	1.681	1.565	1.458	1.343	1.243	1.168	1.221	1.284
63.0	1.337	1.288	1.298	1.192	1.094	0.9958	0.9107	0.8636	0.8788	0.9276
66.0	1.000	0.9643	0.9768	0.9040	0.8194	0.7569	0.6917	0.6673	0.6726	0.7056
69.0	0.7591	0.7280	0.7321	0.6928	0.6214	0.5862	0.5363	0.5223	0.5193	0.5436
72.0	0.5802	0.5513	0.5533	0.5246	0.4724	0.4563	0.4128	0.4094	0.4022	0.4264
75.0	0.4499	0.4152	0.4193	0.3987	0.3533	0.3475	0.3107	0.3177	0.3043	0.3262
78.0	0.3455	0.3150	0.3150	0.3049	0.2638	0.2602	0.2298	0.2409	0.2298	0.2494
81.0	0.2559	0.2341	0.2362	0.2260	0.1765	0.1855	0.1574	0.1685	0.1573	0.1749
84.0	0.1877	0.1595	0.1638	0.1515	0.1148	0.1195	0.0978	0.1109	0.0978	0.1173
87.0	0.1344	0.1001	0.1022	0.1066	0.0873	0.0916	0.0852	0.0831	0.0831	0.0810
90.0	0.1023	0.1001	0.0959	0.0916	0.0895	0.0852	0.0852	0.0831	0.0831	0.0810
G/C	300.0	315.0	330.0	345.0						
0.0	10525	10499	10496	10497						
3.0	9708	9858	10110	10339						
6.0	8142	8314	8722	9062						
9.0	5975	6135	6611	7002						
12.0	3941	4123	4526	4843						
15.0	2403	2575	2908	3162						
18.0	1406	1501	1731	1913						
21.0	964.1	988.4	1047	1120						

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.2DEG  
 Operators: Cao Chengpei  
 Test Date: 2016-06-23

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	635.5	667.1	738.0	791.6
27.0	419.6	442.1	476.2	505.0
30.0	260.5	270.4	295.3	312.6
33.0	93.41	101.1	143.1	165.6
36.0	50.54	55.48	61.05	67.36
39.0	13.28	16.55	22.86	29.19
42.0	4.459	4.908	6.144	7.137
45.0	3.474	3.373	3.305	3.300
48.0	3.218	3.130	3.052	3.028
51.0	2.863	2.834	2.781	2.757
54.0	2.408	2.451	2.453	2.451
57.0	1.903	2.006	2.076	2.106
60.0	1.417	1.552	1.679	1.754
63.0	1.019	1.154	1.283	1.394
66.0	0.7428	0.8486	0.9555	1.072
69.0	0.5597	0.6332	0.7043	0.7974
72.0	0.4277	0.4819	0.5128	0.5949
75.0	0.3192	0.3624	0.3767	0.4371
78.0	0.2383	0.2750	0.2745	0.3198
81.0	0.1638	0.1983	0.1957	0.2324
84.0	0.0999	0.1323	0.1254	0.1600
87.0	0.0767	0.0875	0.0746	0.1024
90.0	0.0788	0.0746	0.0746	0.0767

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.2DEG  
Operators: Cao Chengpei  
Test Date: 2016-06-23

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: