
LED Downlight FUSION Series LE-
FS2-4W-830-15D



Light Output Ratio:	100.0%	
Luminaire Power:	5.703 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: 25.2DEG
Operators: Cao Chengpei
Test Date: 2017-01-07

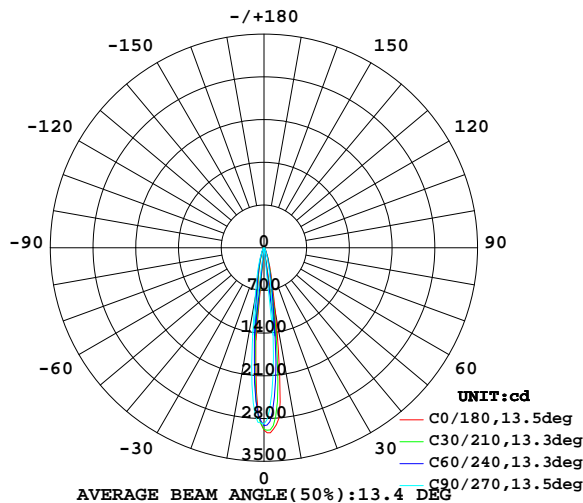
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

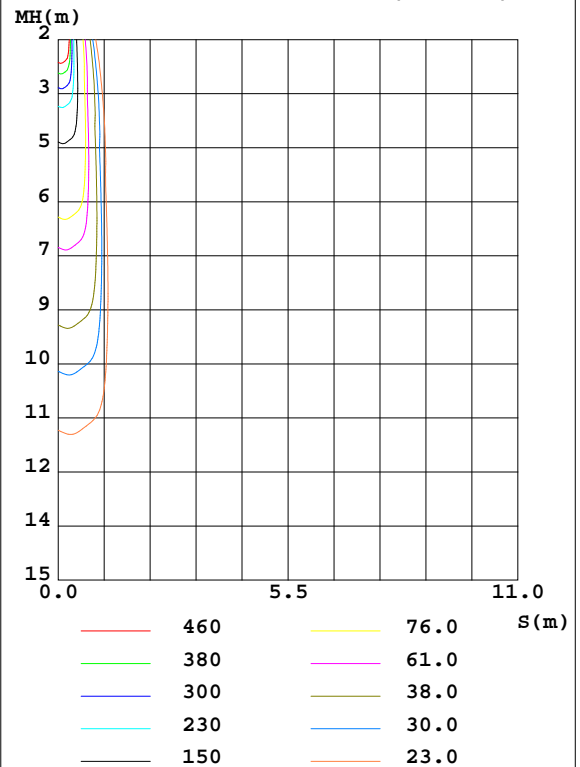
Test:U:220.6V I:0.0329A P:5.703W PF:0.7856 Lamp Flux:366.918x1 lm		
NAME: FS2-4W-830-15D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L98mm*W45mm*H60mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 64.34 lm/W			
MODEL	CREE-3000K	I _{max} (cd)	3035	S/MH(C0/180)	0.18
NOMINAL POWER(W)	6.0	LOR(%)	100.0	S/MH(C90/270)	0.26
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	366.92	η UP,DN(C0-180)	0.0,46.2
NOMINAL FLUX(lm)	366.918	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,53.8
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)



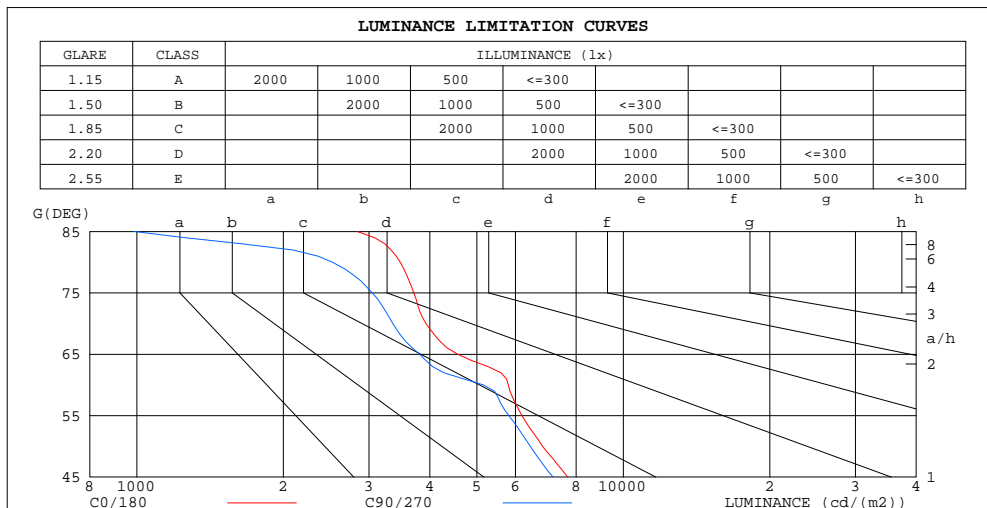
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:Cao Chengpei
 Test Date:2017-01-07

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	Φ lum, lamp
10	1059	843.6	640.8	515.9	560.9	640.3	860.1	1205	0- 10	152.0	152.0	41.4,41.4
20	210.4	172.3	140.3	117.7	130.1	154.3	197.5	245.2	10- 20	102.0	254.0	69.2,69.2
30	63.71	56.37	49.62	45.08	47.31	52.19	59.81	68.27	20- 30	44.44	298.5	81.3,81.3
40	30.03	29.05	27.36	26.21	26.39	27.50	29.44	31.01	30- 40	24.20	322.7	87.9,87.9
50	19.36	19.04	18.25	17.41	17.70	18.32	19.12	19.78	40- 50	17.79	340.4	92.8,92.8
60	12.79	12.15	11.37	10.13	11.05	12.13	12.63	12.99	50- 60	13.59	354.0	96.5,96.5
70	5.926	5.587	5.065	4.741	4.887	5.309	5.790	6.143	60- 70	7.962	362.0	98.7,98.7
80	2.664	2.351	1.931	1.591	1.803	2.156	2.546	2.846	70- 80	4.005	366.0	99.8,99.8
90	0.0788	0.0213	0.0234	0.0213	0.0170	0.0170	0.0618	0.1619	80- 90	0.9165	366.9	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	2837	987
80	3479	2522
75	3708	3049
70	3929	3358
65	4564	3812
60	5799	5159
55	6189	5819
50	6828	6439
45	7680	7177

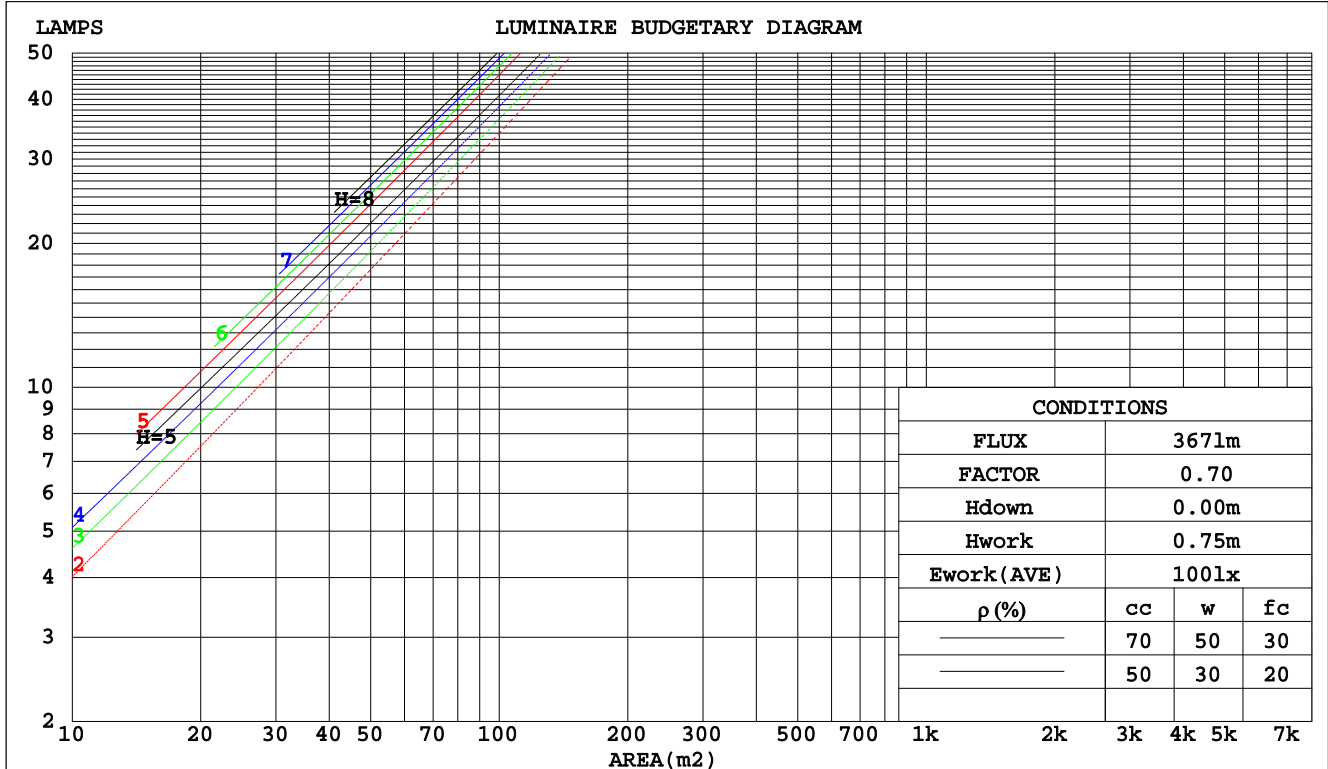
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.2DEG
Operators: Cao Chengpei
Test Date: 2017-01-07

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:220.6V I:0.0329A P:5.703W PF:0.7856 Lamp Flux:366.918x1 lm		
NAME: FS2-4W-830-15D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L98mm*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	1.09	1.07	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	.99	.98	.97	.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	.90	.96	.92	.98	.95	.91	.96	.93	.90	.94	.91	.89	.91	.89	.87	.86
4.0	.95	.91	.87	.94	.90	.87	.92	.88	.86	.90	.87	.85	.88	.86	.84	.82
5.0	.91	.86	.83	.90	.86	.83	.89	.85	.82	.87	.84	.81	.86	.83	.80	.79
6.0	.88	.83	.79	.87	.82	.79	.86	.82	.79	.84	.81	.78	.83	.80	.78	.77
7.0	.85	.80	.77	.84	.80	.76	.83	.79	.76	.82	.78	.76	.81	.78	.75	.74
8.0	.82	.77	.74	.81	.77	.74	.80	.76	.74	.79	.76	.73	.79	.75	.73	.72
9.0	.79	.75	.72	.79	.75	.72	.78	.74	.72	.77	.74	.71	.77	.73	.71	.70
10.0	.77	.73	.70	.77	.73	.70	.76	.72	.70	.75	.72	.69	.75	.72	.69	.68



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:Cao Chengpei
 Test Date:2017-01-07

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:0.0329A P:5.703W PF:0.7856 Lamp Flux:366.918x1 lm					
NAME: FS2-4W-830-15D			TYPE:Downlight		SERIAL No.:
SPEC.:3000K			DIM.: L98mm*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	.160	.091	.029	.153	.088	.028	.141	.081	.026	.129	.075	.024	.119	.069	.022	
2.0	.149	.082	.025	.144	.079	.024	.133	.074	.023	.124	.070	.022	.115	.065	.021	
3.0	.139	.074	.022	.134	.072	.022	.125	.068	.021	.117	.064	.020	.110	.061	.019	
4.0	.129	.067	.020	.125	.066	.019	.118	.063	.019	.111	.060	.018	.105	.057	.017	
5.0	.121	.062	.018	.117	.060	.018	.111	.058	.017	.105	.055	.016	.099	.053	.016	
6.0	.113	.057	.016	.110	.056	.016	.105	.054	.016	.100	.052	.015	.095	.050	.015	
7.0	.107	.053	.015	.104	.052	.015	.099	.050	.014	.095	.049	.014	.090	.047	.014	
8.0	.101	.049	.014	.098	.048	.014	.094	.047	.013	.090	.046	.013	.086	.044	.013	
9.0	.095	.046	.013	.093	.045	.013	.090	.044	.013	.086	.043	.012	.083	.042	.012	
10.0	.090	.043	.012	.089	.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	.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	.127	.098	.076	.109	.085	.066	.075	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.117	.086	.063	.101	.075	.055	.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	.006	
7.0	.101	.068	.046	.087	.059	.040	.060	.042	.028	.035	.024	.017	.011	.008	.006	
8.0	.094	.062	.040	.081	.053	.034	.056	.038	.024	.033	.022	.015	.011	.007	.005	
9.0	.088	.056	.034	.076	.049	.030	.052	.034	.021	.031	.020	.013	.010	.007	.004	
10.0	.083	.051	.030	.071	.045	.026	.049	.031	.019	.029	.019	.011	.009	.006	.004	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:Cao Chengpei
 Test Date:2017-01-07

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:0.0329A P:5.703W PF:0.7856 Lamp Flux:366.918x1 lm										
NAME: FS2-4W-830-15D					TYPE:Downlight			SERIAL No.:		
SPEC.:3000K					DIM.: L98mm*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	14.6	15.4	14.8	15.5	15.7	14.2	14.9	14.4	15.1	15.3
3H	15.4	16.1	15.7	16.3	16.5	14.9	15.6	15.1	15.8	16.0
4H	15.8	16.5	16.0	16.7	16.9	15.2	15.9	15.5	16.1	16.3
6H	16.1	16.7	16.4	16.9	17.2	15.4	16.0	15.7	16.3	16.5
8H	16.2	16.8	16.5	17.0	17.3	15.4	16.1	15.7	16.3	16.6
12H	16.2	16.8	16.5	17.1	17.4	15.4	16.0	15.7	16.3	16.5
4H 2H	15.0	15.6	15.2	15.9	16.1	14.6	15.3	14.9	15.5	15.7
3H	15.9	16.5	16.2	16.8	17.0	15.5	16.1	15.8	16.3	16.6
4H	16.4	16.9	16.7	17.2	17.5	15.9	16.4	16.2	16.7	17.0
6H	16.8	17.3	17.2	17.6	17.9	16.2	16.7	16.5	17.0	17.3
8H	16.9	17.4	17.3	17.7	18.1	16.2	16.7	16.6	17.0	17.4
12H	17.0	17.4	17.4	17.8	18.2	16.2	16.6	16.6	17.0	17.4
8H 4H	16.5	16.9	16.9	17.3	17.7	16.0	16.5	16.4	16.8	17.2
6H	17.0	17.4	17.4	17.8	18.2	16.4	16.8	16.9	17.2	17.6
8H	17.2	17.5	17.7	18.0	18.4	16.5	16.9	17.0	17.3	17.7
12H	17.3	17.6	17.8	18.1	18.5	16.5	16.8	17.0	17.3	17.7
12H 4H	16.5	16.9	16.9	17.3	17.6	16.0	16.4	16.4	16.8	17.2
6H	17.0	17.3	17.5	17.8	18.2	16.5	16.8	16.9	17.2	17.6
8H	17.2	17.5	17.7	18.0	18.4	16.6	16.9	17.1	17.3	17.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.4 / - 0.4					+ 0.3 / - 0.4				
1.5H	+ 0.1 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.4 / - 0.7					+ 0.5 / - 0.8				

CIE Pub.117 Corrected 366.9 lm Total Lamp Luminous Flux.(8log(F/F0) = -3.5)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:Cao Chengpei
 Test Date:2017-01-07

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:0.0329A P:5.703W PF:0.7856 Lamp Flux:366.918x1 lm		
NAME: FS2-4W-830-15D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L98mm*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) $k(RI) \times RCR = 5$									
$k = 0.60$	84	77	73	83	77	73	83	77	73	69
0.80	92	85	81	91	85	81	90	84	81	77
1.00	97	90	86	96	90	86	94	90	86	81
1.25	101	95	91	100	95	91	98	93	90	86
1.50	104	99	95	103	98	94	100	96	93	88
2.00	107	102	99	106	101	98	103	99	97	91
2.50	109	105	101	107	103	100	104	101	99	92
3.00	111	107	104	109	105	103	105	103	101	94
4.00	113	110	107	111	108	106	107	105	103	96
5.00	114	112	110	112	110	108	108	107	105	97
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:25.2DEG
 Operators:Cao Chengpei
 Test Date:2017-01-07

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:220.6V I:0.0329A P:5.703W PF:0.7856 Lamp Flux:366.918x1 lm		
NAME: FS2-4W-830-15D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L98mm*W45mm*H60mm	
MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

332.09 lm

%lum = 90.5%

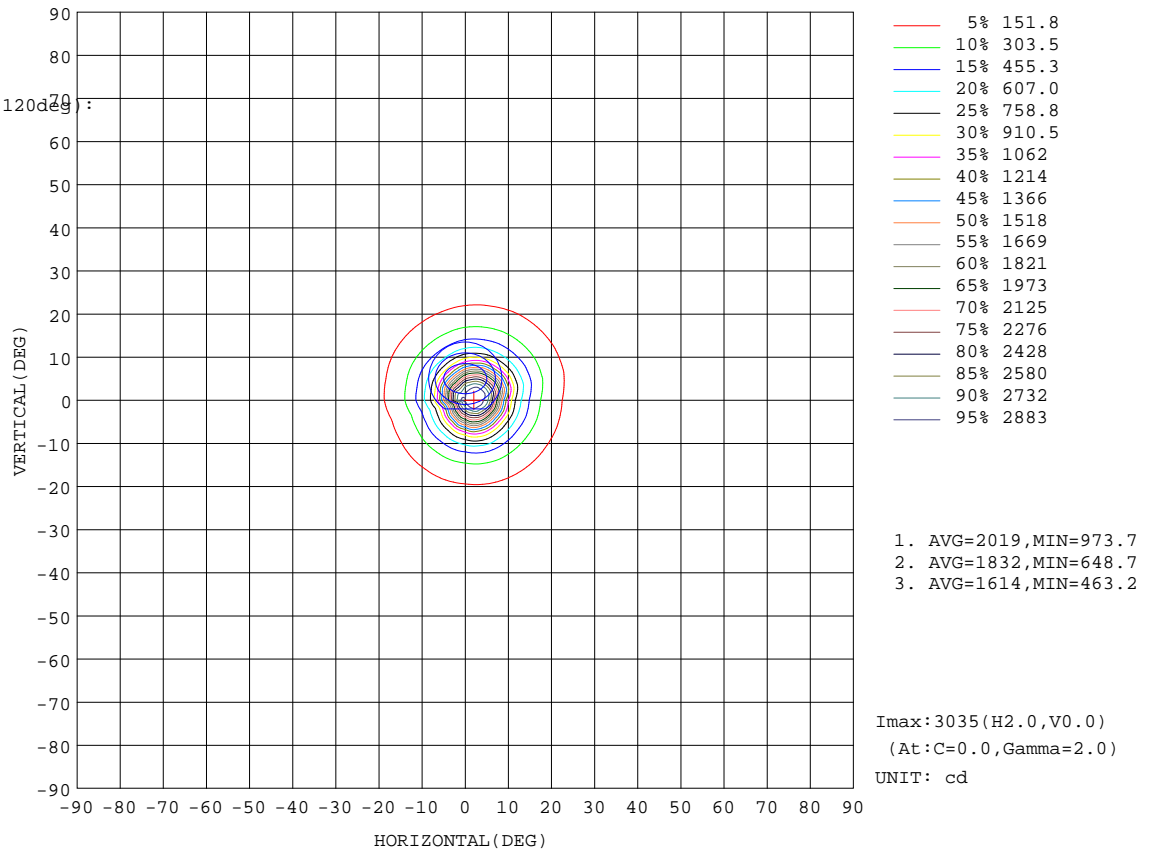
%lamp = 90.5%

Conical surface Flux(120deg):

354.03 lm

%lum = 96.5%

%lamp = 96.5%

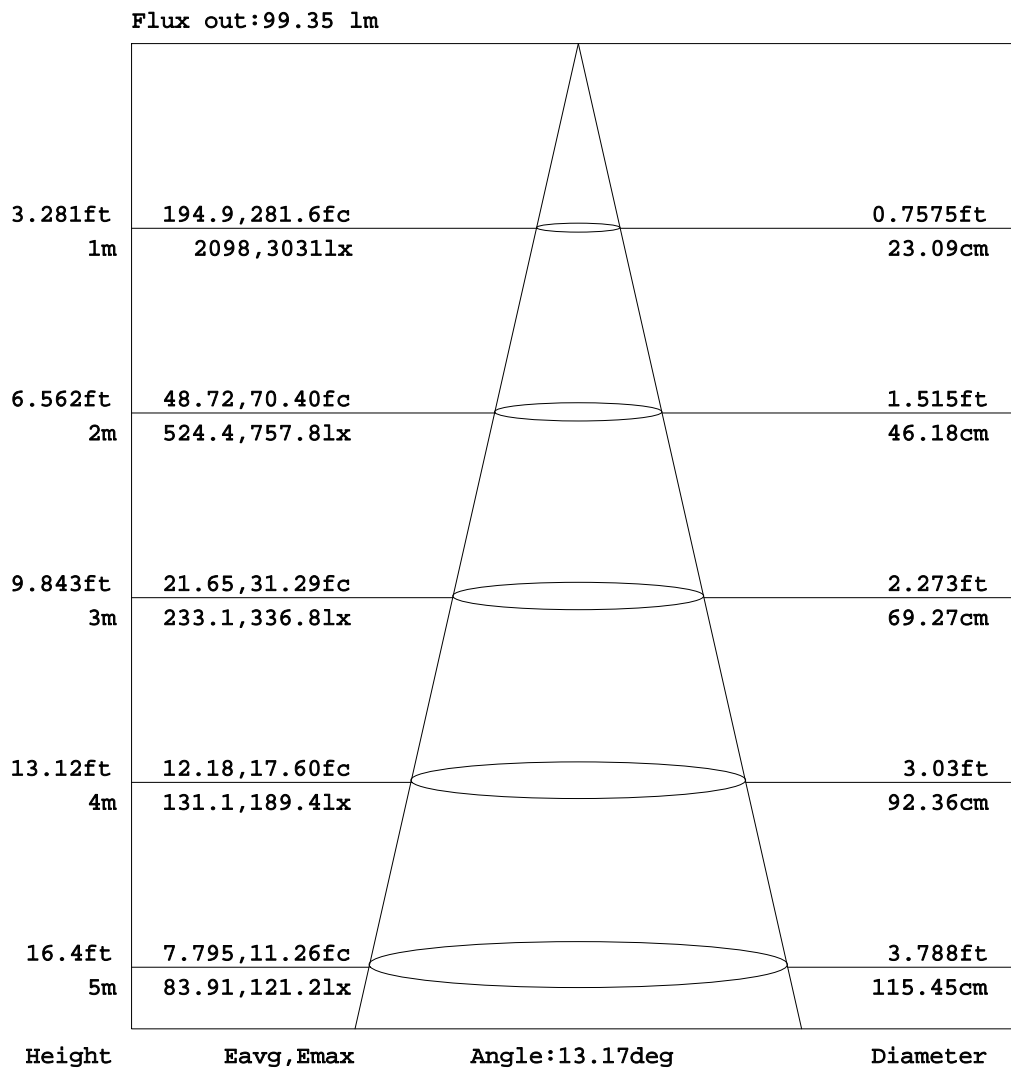


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:Cao Chengpei
 Test Date:2017-01-07

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:220.6V I:0.0329A P:5.703W PF:0.7856 Lamp Flux:366.918x1 lm		
NAME: FS2-4W-830-15D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L98mm*W45mm*H60mm	
MFR.:		



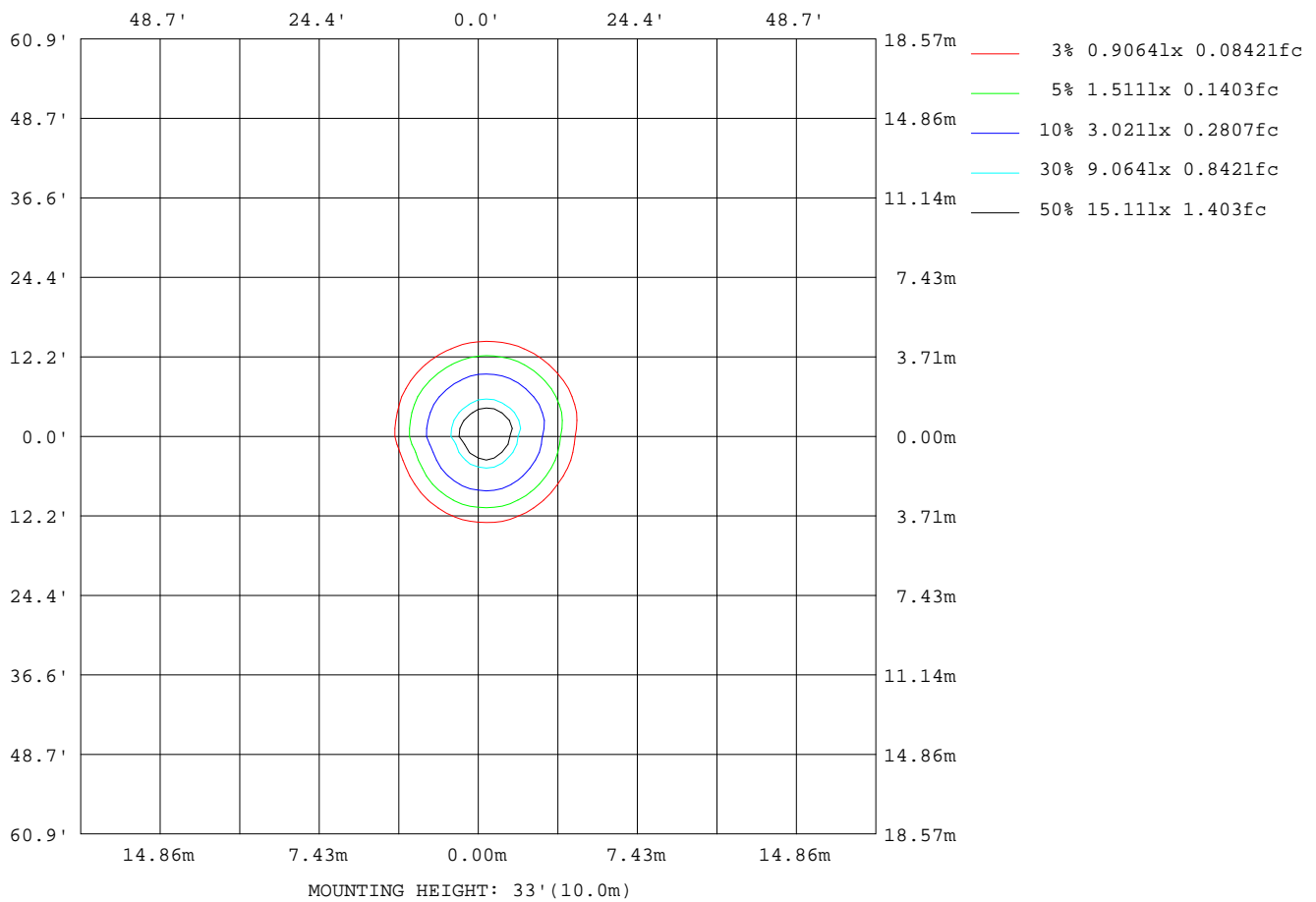
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.2DEG
Operators:Cao Chengpei
Test Date:2017-01-07

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

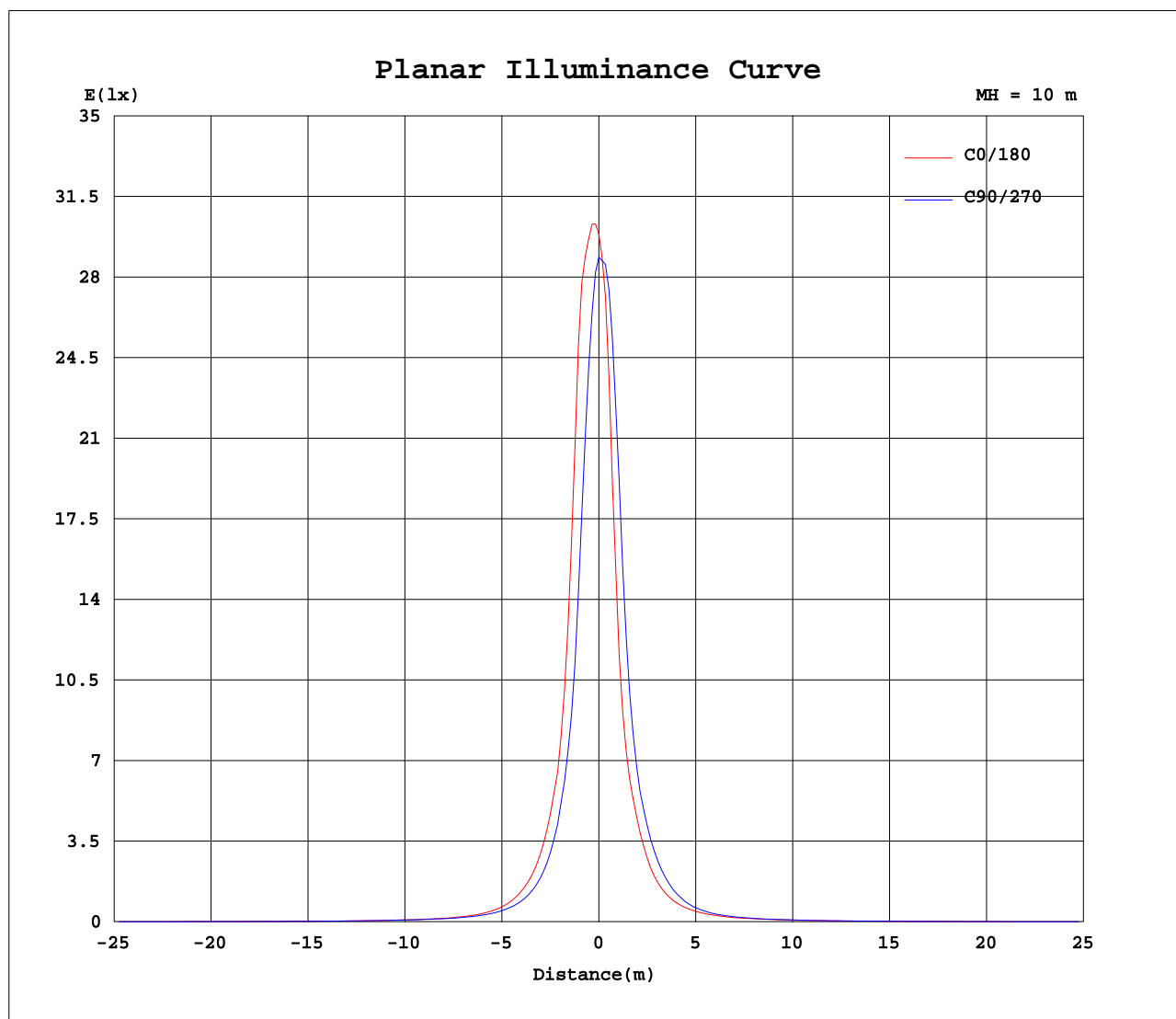
Test:U:220.6V I:0.0329A P:5.703W PF:0.7856 Lamp Flux:366.918x1 lm		
NAME: FS2-4W-830-15D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L98mm*W45mm*H60mm	
MFR.:		



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.2DEG
Operators:Cao Chengpei
Test Date:2017-01-07

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: 25.2DEG
Operators: Cao Chengpei
Test Date: 2017-01-07

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:220.6V I:0.0329A P:5.703W PF:0.7856 Lamp Flux:366.918x1 lm		
NAME: FS2-4W-830-15D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L98mm*W45mm*H60mm	
MFR.:		

Table--1

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.2DEG
Operators: Cao Chengpei
Test Date: 2017-01-07

```

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:220.6V I:0.0329A P:5.703W PF:0.7856 Lamp Flux:366.918x1 lm		
NAME: FS2-4W-830-15D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L98mm*W45mm*H60mm	
MFR.:		

Table--2

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.2DEG
Operators: Cao Chengpei
Test Date: 2017-01-07

```

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	2986	2977	2978	2969	2914	2905	2887	2877	2857	2856
3.0	2977	2964	2919	2867	2693	2570	2407	2318	2173	2092
6.0	2546	2434	2205	2048	1893	1708	1454	1348	1147	1067
9.0	1342	1275	1125	1040	972.6	882.2	773.4	713.6	637.4	603.3
12.0	695.6	673.8	628.2	576.6	562.6	502.1	453.1	428.5	394.4	378.3
15.0	442.1	423.4	383.4	360.7	339.7	312.1	283.2	267.9	245.5	233.5
18.0	279.5	265.9	242.8	227.2	213.7	199.4	182.8	173.5	160.4	152.8
21.0	184.3	176.3	161.1	150.9	142.2	135.2	123.9	117.8	110.2	104.7
24.0	124.6	117.7	109.0	103.5	99.62	94.20	87.85	83.64	79.07	76.14
27.0	86.69	82.99	78.15	74.83	72.46	68.95	65.05	61.84	58.89	57.26
30.0	63.71	61.47	58.33	56.37	54.77	52.40	49.62	47.90	46.01	45.08
33.0	47.93	47.14	45.49	44.39	43.23	41.69	39.94	38.88	37.60	36.97
36.0	38.72	38.31	37.22	36.29	35.29	34.26	33.05	32.42	31.63	31.21
39.0	31.79	31.55	30.80	30.47	30.03	29.35	28.55	28.11	27.65	27.33
42.0	27.23	27.19	26.80	26.68	26.32	25.85	25.23	24.89	24.55	24.18
45.0	23.95	23.95	23.68	23.58	23.29	22.91	22.38	21.95	21.60	21.28
48.0	21.15	21.13	20.80	20.75	20.56	20.24	19.78	19.44	19.06	18.89
51.0	18.58	18.54	18.10	18.23	18.21	17.97	17.53	17.18	16.82	16.71
54.0	16.33	16.38	15.96	16.07	16.01	15.84	15.41	15.13	14.90	14.73
57.0	14.41	14.43	14.05	13.95	13.91	13.76	13.45	13.32	13.19	13.00
60.0	12.79	12.76	12.37	12.15	12.15	11.95	11.37	11.07	10.45	10.13
63.0	10.55	10.26	9.653	9.306	8.971	8.523	8.117	7.911	7.697	7.573
66.0	7.801	7.739	7.437	7.299	7.148	6.896	6.614	6.424	6.226	6.151
69.0	6.344	6.289	6.072	5.966	5.822	5.638	5.408	5.267	5.114	5.067
72.0	5.200	5.139	4.981	4.897	4.780	4.618	4.424	4.300	4.158	4.102
75.0	4.232	4.167	4.011	3.932	3.821	3.670	3.480	3.361	3.212	3.161
78.0	3.284	3.201	3.063	2.974	2.886	2.733	2.549	2.430	2.291	2.226
81.0	2.355	2.266	2.131	2.038	1.952	1.797	1.624	1.492	1.341	1.251
84.0	1.421	1.328	1.193	1.072	0.9252	0.7599	0.5789	0.4755	0.3989	0.3354
87.0	0.4395	0.3781	0.3300	0.2612	0.2551	0.1783	0.1439	0.0911	0.0797	0.0403
90.0	0.0788	0.0469	0.0426	0.0213	0.0256	0.0213	0.0234	0.0213	0.0213	0.0213
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	2839	2986	2977	2978	2978	2969	2914	2905	2887	2877
3.0	1950	1947	2369	2390	2504	2560	2522	2625	2754	2828
6.0	969.5	952.3	1177	1202	1370	1419	1517	1671	1945	2132
9.0	576.9	561.9	648.5	656.0	707.1	753.8	806.7	907.3	1042	1176
12.0	355.7	354.2	416.4	426.2	459.4	484.3	508.0	556.2	608.1	661.3
15.0	220.4	219.2	259.3	267.5	290.8	309.0	328.0	358.2	397.3	426.9
18.0	143.9	143.6	168.0	175.4	190.9	203.0	214.0	234.1	260.8	282.7
21.0	100.1	99.53	113.5	118.0	128.8	135.6	143.9	155.4	172.0	186.5
24.0	73.28	73.24	81.68	84.50	89.85	94.23	99.06	106.4	115.7	124.7
27.0	55.34	55.42	61.04	63.28	66.46	69.33	71.91	76.37	81.75	86.13
30.0	43.88	44.01	47.31	48.24	50.57	52.19	53.76	56.37	59.81	62.61
33.0	36.09	36.04	38.41	39.07	40.61	41.75	42.55	44.07	45.95	47.19
36.0	30.50	30.46	31.79	32.14	33.22	33.86	34.51	35.90	37.23	38.16
39.0	26.63	26.51	27.50	27.75	28.62	28.86	29.19	30.10	30.97	31.60
42.0	23.55	23.42	24.34	24.64	25.16	25.02	25.56	26.10	26.86	27.20
45.0	20.77	20.67	21.48	21.76	22.23	22.33	22.62	23.03	23.61	24.00
48.0	18.48	18.39	19.14	19.39	19.72	19.74	19.91	20.28	20.74	21.10
51.0	16.41	16.36	17.02	17.29	17.58	17.64	17.82	18.12	18.39	18.56
54.0	14.47	14.44	15.07	15.38	15.60	15.64	15.75	16.01	16.20	16.41
57.0	12.77	12.76	13.31	13.56	13.77	13.79	13.86	14.07	14.19	14.39
60.0	9.653	9.667	11.05	11.34	11.78	12.13	12.20	12.45	12.63	12.85
63.0	7.394	7.375	7.840	7.987	8.336	8.661	8.923	9.531	10.09	10.42
66.0	6.008	5.994	6.393	6.493	6.759	6.959	7.072	7.317	7.521	7.696
69.0	4.946	4.935	5.215	5.273	5.494	5.668	5.767	5.983	6.199	6.324
72.0	3.994	3.981	4.255	4.313	4.500	4.660	4.725	4.909	5.081	5.157
75.0	3.050	3.053	3.320	3.384	3.552	3.707	3.776	3.957	4.117	4.189
78.0	2.127	2.132	2.415	2.478	2.632	2.780	2.847	3.019	3.173	3.253
81.0	1.131	1.151	1.487	1.564	1.715	1.837	1.903	2.082	2.233	2.316
84.0	0.3086	0.2844	0.4201	0.4777	0.5623	0.7112	0.7706	0.9606	1.211	1.364
87.0	0.0518	0.0255	0.0803	0.1244	0.1461	0.2076	0.2482	0.3038	0.3651	0.4516
90.0	0.0234	0.0234	0.0170	0.0170	0.0170	0.0170	0.0170	0.0426	0.0618	0.1044
G/C	300.0	315.0	330.0	345.0						
0.0	2857	2856	2839	2858						
3.0	2909	2966	3005	3018						
6.0	2348	2484	2604	2674						
9.0	1392	1509	1646	1671						
12.0	730.1	781.6	854.4	851.0						
15.0	464.3	489.6	518.3	518.4						
18.0	306.0	321.7	336.1	330.6						
21.0	203.5	213.9	222.3	215.6						

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.2DEG

Operators: Cao Chengpei

Test Date: 2017-01-07

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	137.0	143.1	149.2	145.6
27.0	91.77	96.31	100.1	98.82
30.0	65.60	68.27	70.44	70.36
33.0	49.09	50.68	51.97	52.03
36.0	39.45	40.36	41.30	41.37
39.0	32.37	33.03	33.97	34.01
42.0	27.65	27.97	28.52	28.62
45.0	24.45	24.59	24.86	24.94
48.0	21.51	21.65	21.88	21.95
51.0	18.85	18.97	19.18	19.31
54.0	16.63	16.78	17.01	17.08
57.0	14.73	14.80	15.02	15.07
60.0	13.08	12.99	13.15	13.23
63.0	10.96	11.07	11.25	11.48
66.0	7.951	8.091	8.329	8.403
69.0	6.503	6.573	6.686	6.739
72.0	5.296	5.378	5.479	5.502
75.0	4.317	4.400	4.483	4.504
78.0	3.373	3.460	3.537	3.562
81.0	2.448	2.542	2.621	2.638
84.0	1.525	1.628	1.696	1.720
87.0	0.5327	0.6222	0.6706	0.6956
90.0	0.1129	0.1619	0.1704	0.1875

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.2DEG
Operators: Cao Chengpei
Test Date: 2017-01-07

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: