
LED Downlight FUSION Series LE-FF1-2W-830-40D
Specular

Light Output Ratio:	100.0%	
Luminaire Power:	3.211 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.65	fine grid method.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Cao Chengpei
Test Date: 2016-06-25

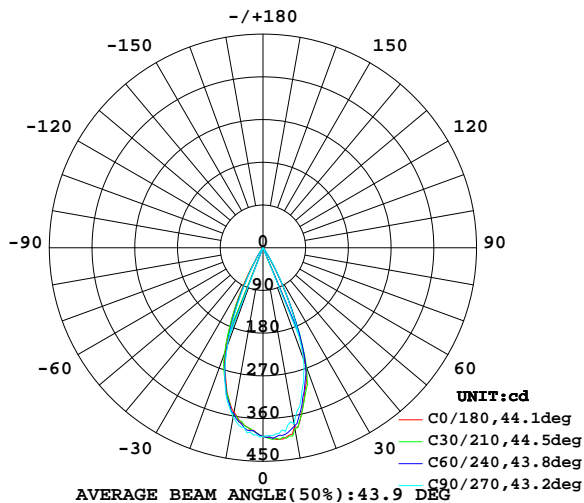
γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 53.0%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

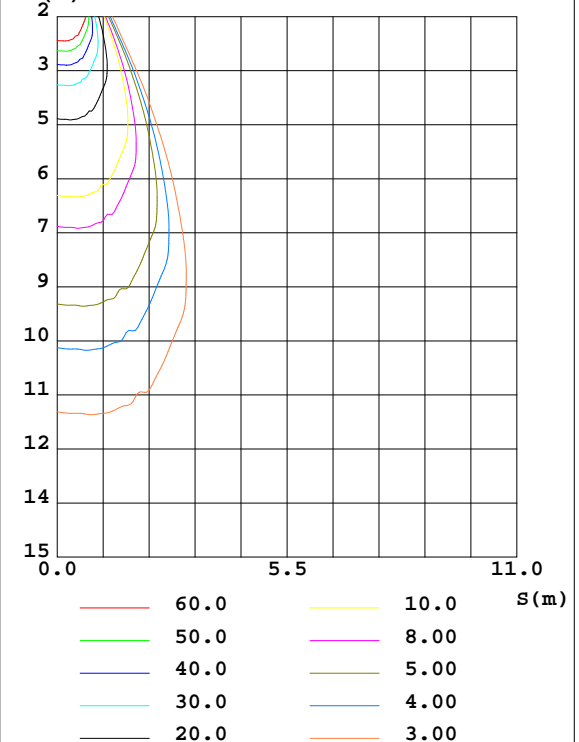
Test:U:220.6V I:0.0204A P:3.211W PF:0.7144 Lamp Flux:197.423x1 lm		
NAME: FF1-2W-830-40D Specular	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L45mm*W45mm*H60mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 61.48 lm/W			
MODEL	CREE-3000K	I _{max} (cd)	406.9	S/MH(C0/180)	0.67
NOMINAL POWER(W)	3.0	LOR(%)	100.0	S/MH(C90/270)	0.64
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	197.42	η UP,DN(C0-180)	0.0,51.6
NOMINAL FLUX(lm)	197.423	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,48.4
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	0.65

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



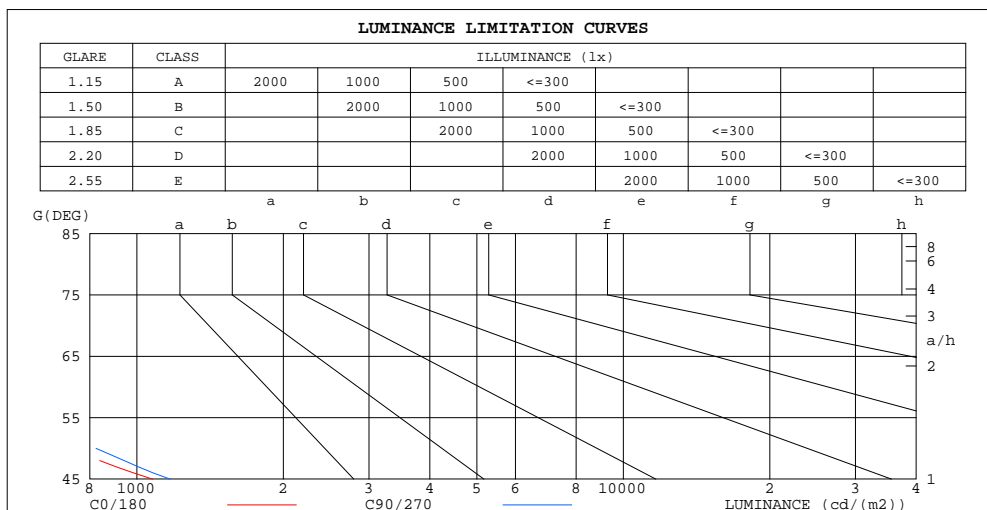
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Cao Chengpei
 Test Date:2016-06-25

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity:53.0%
 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	382.6	388.2	376.8	353.1	351.7	353.5	361.5	376.6	0- 10	36.60	36.60	18.5,18.5
20	259.9	271.9	248.4	241.0	232.3	227.0	219.3	238.0	10- 20	86.62	123.2	62.4,62.4
30	48.92	55.44	56.92	52.00	51.99	41.44	37.34	45.55	20- 30	61.19	184.4	93.4,93.4
40	4.344	4.669	5.153	5.002	4.384	3.096	2.860	3.818	30- 40	10.71	195.1	98.8,98.8
50	0.9449	1.032	1.073	1.141	1.096	0.7867	0.5960	0.7868	40- 50	1.360	196.5	99.5,99.5
60	0.3817	0.3895	0.4137	0.4214	0.4873	0.3411	0.2639	0.3368	50- 60	0.5575	197.0	99.8,99.8
70	0.1706	0.1490	0.1812	0.1341	0.1873	0.1513	0.1085	0.1471	60- 70	0.2426	197.3	99.9,99.9
80	0.0767	0.0255	0.0980	0.0233	0.0595	0.0342	0.0596	0.0363	70- 80	0.1059	197.4	100,100
90	0.0170	0.0149	0.0149	0.0149	0.0128	0.0128	0.0107	0.0128	80- 90	0.0327	197.4	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		



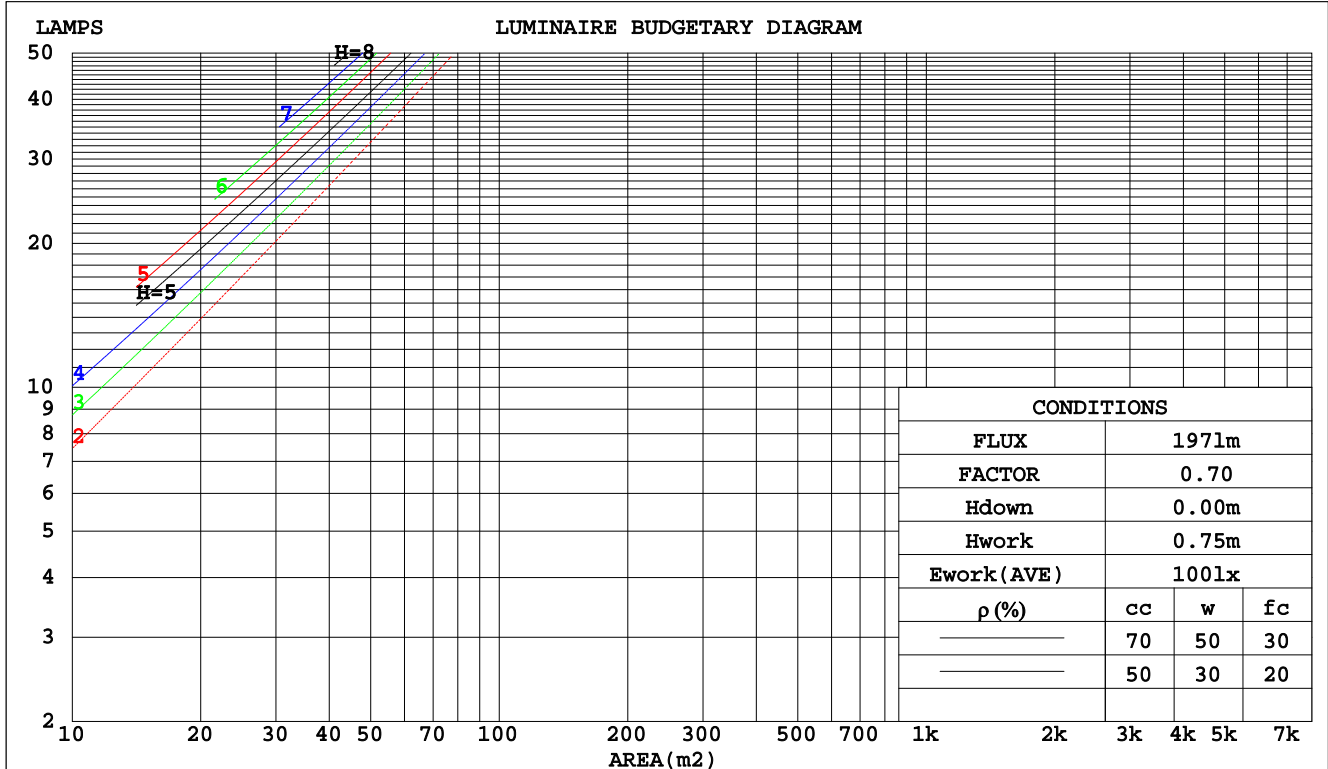
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Cao Chengpei
Test Date: 2016-06-25

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 53.0%
Test Distance: 5.850m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.6V I:0.0204A P:3.211W PF:0.7144 Lamp Flux:197.423x1 lm		
NAME: FF1-2W-830-40D Specular	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L45mm*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															



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
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 Operators:Cao Chengpei
 Test Date:2016-06-25

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity:53.0%
 Test Distance:5.850m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:220.6V I:0.0204A P:3.211W PF:0.7144 Lamp Flux:197.423x1 lm		
NAME: FF1-2W-830-40D Specular	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L45mm*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	.153	.087	.028	.146	.083	.026	.134	.077	.024	.122	.070	.023	.112	.065	.021		
2.0	.143	.079	.024	.138	.076	.023	.127	.071	.022	.118	.066	.021	.109	.062	.019		
3.0	.135	.072	.022	.130	.070	.021	.122	.066	.020	.114	.062	.019	.106	.059	.018		
4.0	.128	.066	.020	.124	.065	.019	.116	.062	.018	.109	.059	.018	.103	.056	.017		
5.0	.121	.062	.018	.118	.061	.018	.112	.058	.017	.106	.056	.017	.100	.053	.016		
6.0	.116	.058	.017	.113	.057	.016	.107	.055	.016	.102	.053	.016	.097	.051	.015		
7.0	.110	.055	.015	.108	.054	.015	.103	.052	.015	.098	.050	.015	.094	.049	.014		
8.0	.106	.052	.015	.104	.051	.014	.099	.050	.014	.095	.048	.014	.091	.047	.014		
9.0	.102	.049	.014	.100	.049	.014	.096	.047	.013	.092	.046	.013	.089	.045	.013		
10.0	.098	.047	.013	.096	.046	.013	.092	.045	.013	.089	.044	.013	.086	.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	.169	.158	.147	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.152	.133	.116	.131	.114	.100	.089	.079	.070	.052	.046	.041	.017	.015	.013	
3.0	.138	.113	.093	.119	.098	.081	.082	.068	.057	.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	.109	.077	.053	.094	.066	.046	.065	.046	.033	.038	.027	.020	.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	.083	.054	.034	.057	.038	.024	.033	.022	.014	.011	.007	.005	
9.0	.091	.057	.034	.078	.049	.029	.054	.035	.021	.032	.020	.012	.010	.007	.004	
10.0	.086	.052	.030	.074	.045	.026	.052	.032	.018	.030	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Cao Chengpei
Test Date:2016-06-25

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:53.0%
Test Distance:5.850m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.6V I:0.0204A P:3.211W PF:0.7144 Lamp Flux:197.423x1 lm										
NAME: FF1-2W-830-40D Specular					TYPE:Downlight			SERIAL No.:		
SPEC.:3000K					DIM.: L45mm*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	7.6	7.0	7.8	7.9	7.3	8.1	7.5	8.2	8.4
3H	6.7	7.4	7.0	7.6	7.8	7.2	7.9	7.4	8.1	8.3
4H	6.6	7.3	6.9	7.5	7.7	7.1	7.8	7.4	8.0	8.2
6H	6.6	7.2	6.9	7.4	7.7	7.1	7.7	7.4	7.9	8.2
8H	6.5	7.1	6.8	7.4	7.6	7.0	7.6	7.3	7.9	8.2
12H	6.5	7.1	6.8	7.3	7.6	7.0	7.6	7.3	7.9	8.1
4H 2H	6.6	7.3	6.9	7.5	7.7	7.1	7.8	7.4	8.0	8.2
3H	6.5	7.1	6.8	7.3	7.6	7.0	7.6	7.3	7.8	8.1
4H	6.4	7.0	6.8	7.2	7.6	6.9	7.4	7.2	7.7	8.0
6H	6.3	6.8	6.7	7.1	7.5	6.9	7.3	7.2	7.7	8.0
8H	6.3	6.7	6.7	7.1	7.4	6.8	7.3	7.2	7.6	8.0
12H	6.2	6.6	6.7	7.0	7.4	6.8	7.2	7.2	7.6	7.9
8H 4H	6.3	6.7	6.7	7.1	7.4	6.8	7.2	7.2	7.6	7.9
6H	6.2	6.6	6.6	6.9	7.4	6.7	7.1	7.1	7.5	7.9
8H	6.1	6.5	6.6	6.9	7.3	6.7	7.0	7.1	7.4	7.8
12H	6.1	6.4	6.6	6.8	7.3	6.7	6.9	7.1	7.4	7.8
12H 4H	6.2	6.6	6.6	7.0	7.4	6.7	7.1	7.1	7.5	7.9
6H	6.1	6.5	6.6	6.9	7.3	6.6	7.0	7.1	7.4	7.8
8H	6.1	6.4	6.6	6.8	7.3	6.6	6.9	7.1	7.3	7.8
Variations with the observer position at spacings:										
S = 1.0H	+ 3.7 / - 6.1					+ 3.7 / - 6.1				
1.5H	+ 6.0 / - 4.7					+ 6.1 / - 5.2				
2.0H	+ 2.8 / - 2.3					+ 2.8 / - 1.7				

CIE Pub.117 Corrected 197.4 lm Total Lamp Luminous Flux.(8log(F/F0) = -5.6)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Cao Chengpei
 Test Date:2016-06-25

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity:53.0%
 Test Distance:5.850m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.6V I:0.0204A P:3.211W PF:0.7144 Lamp Flux:197.423x1 lm		
NAME: FF1-2W-830-40D Specular	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L45mm*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	85	82	90	85	82	90	85	81	78
0.80	98	93	89	97	92	89	96	92	89	85
1.00	102	97	93	101	96	93	99	96	93	89
1.25	105	100	97	104	100	97	102	99	96	92
1.50	108	103	100	106	103	100	104	101	99	95
2.00	110	106	103	108	105	102	106	103	101	96
2.50	111	108	105	110	107	104	107	104	102	97
3.00	113	110	107	111	108	106	108	105	104	98
4.00	114	112	110	112	110	109	109	107	106	99
5.00	116	114	112	114	112	110	110	108	107	100
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
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 Test Date:2016-06-25

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity:53.0%
 Test Distance:5.850m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:220.6V I:0.0204A P:3.211W PF:0.7144 Lamp Flux:197.423x1 lm		
NAME: FF1-2W-830-40D Specular	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L45mm*W45mm*H60mm	
MFR.:		

Conical surface Flux(90deg):

196.02 lm

%lum = 99.3%

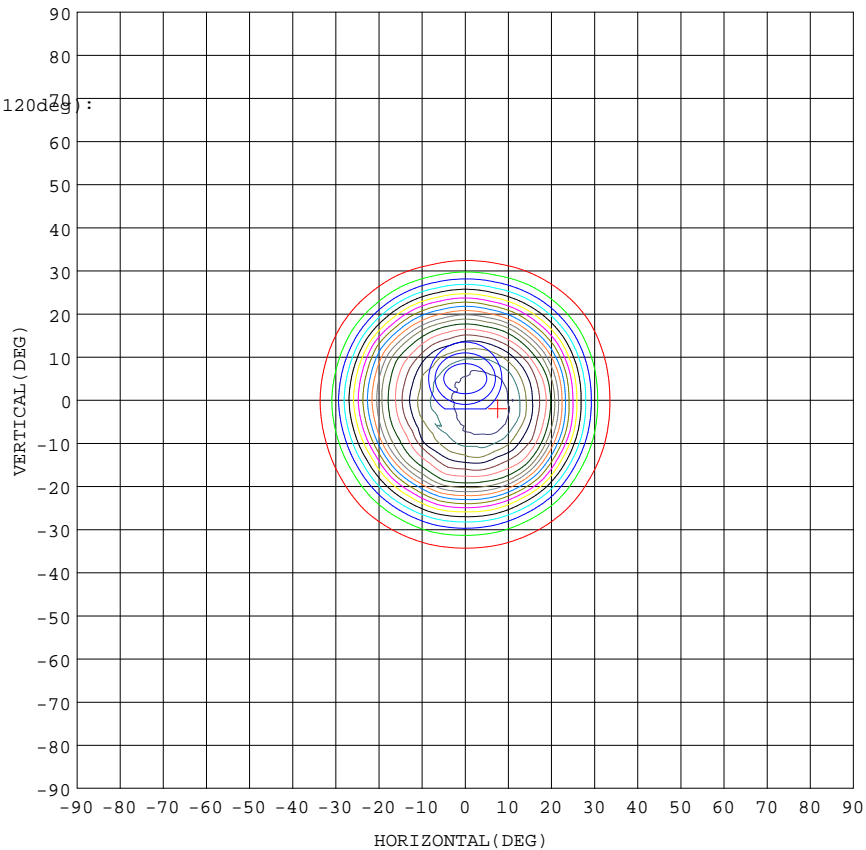
%lamp = 99.3%

Conical surface Flux(120deg):

197.04 lm

%lum = 99.8%

%lamp = 99.8%

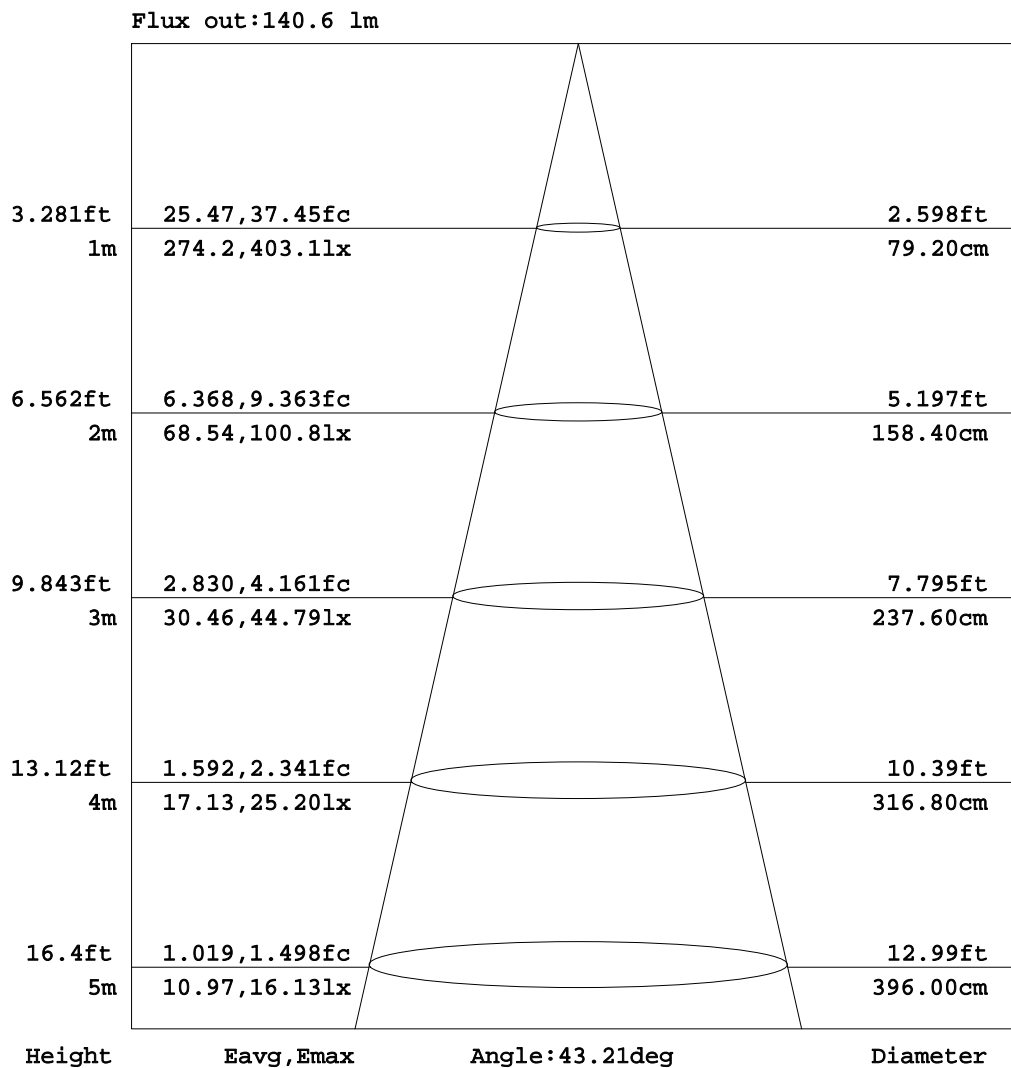


C Range: 0 - 360DEG
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γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:53.0%
Test Distance:5.850m [K=1.0000]
Remarks:

AAI Figure

Test:U:220.6V I:0.0204A P:3.211W PF:0.7144 Lamp Flux:197.423x1 lm		
NAME: FF1-2W-830-40D Specular	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L45mm*W45mm*H60mm	
MFR.:		



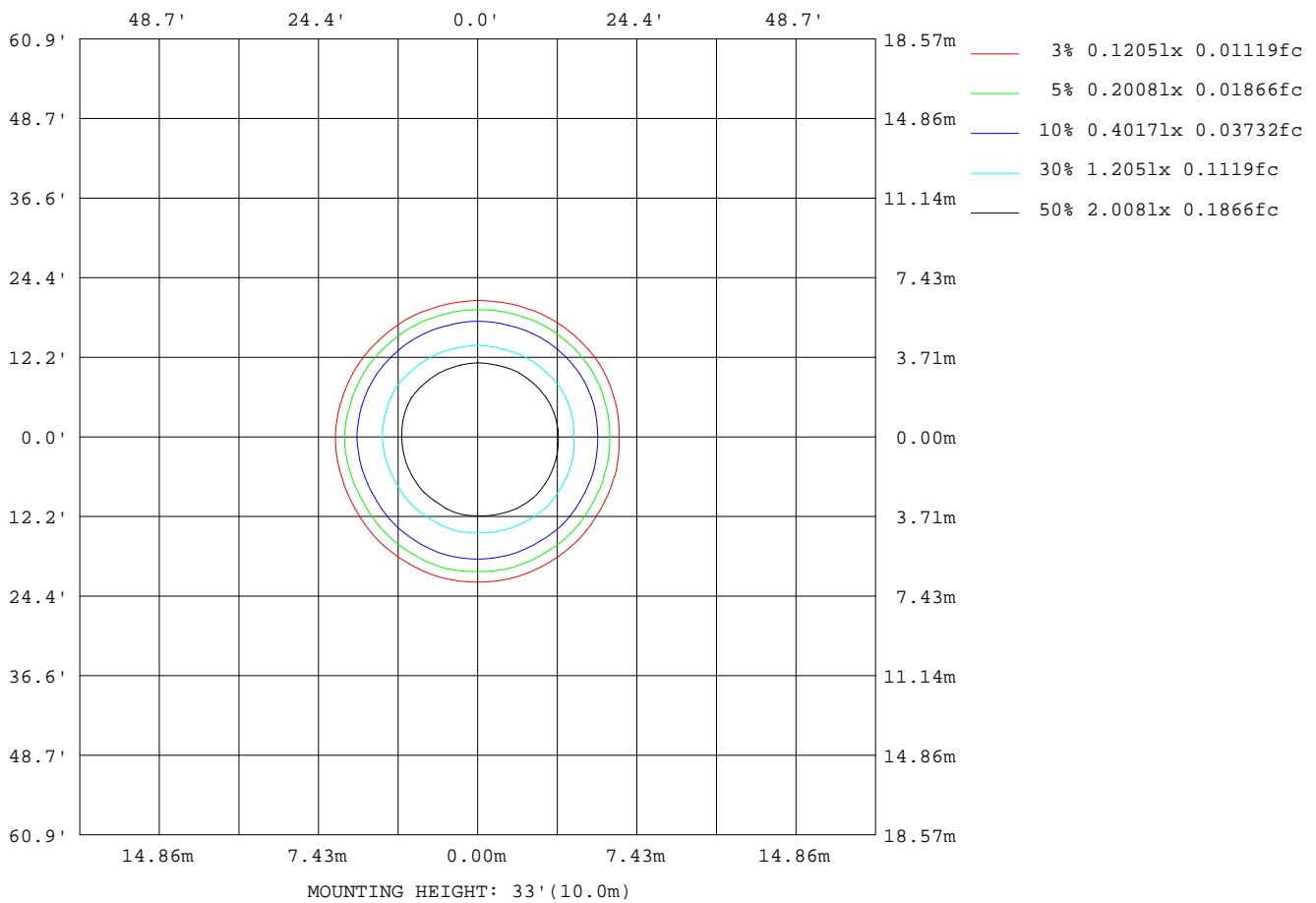
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Cao Chengpei
Test Date:2016-06-25

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:53.0%
Test Distance:5.850m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

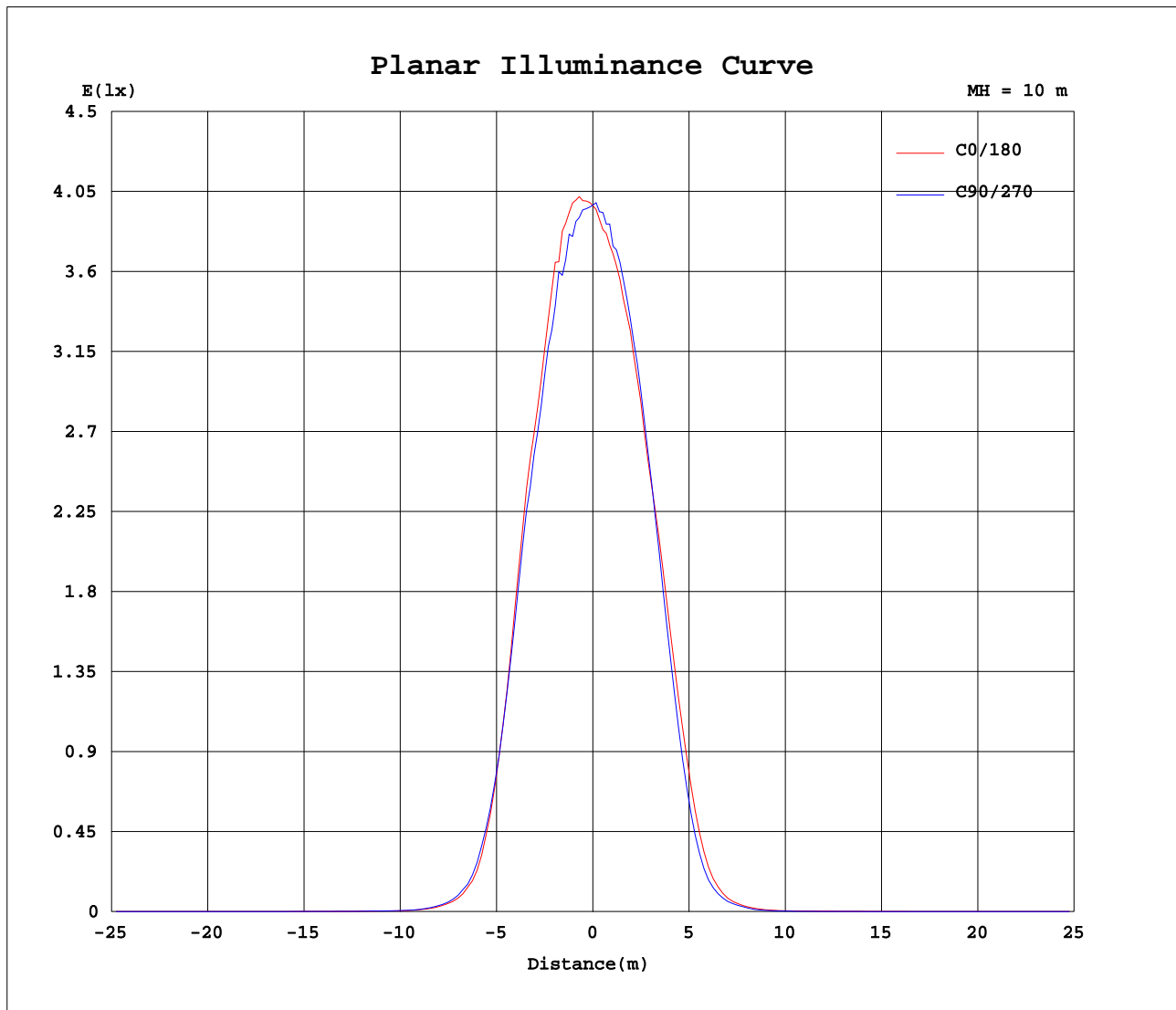
Test:U:220.6V I:0.0204A P:3.211W PF:0.7144 Lamp Flux:197.423x1 lm		
NAME: FF1-2W-830-40D Specular	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L45mm*W45mm*H60mm	
MFR.:		



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Cao Chengpei
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γ Range: 0 - 90DEG
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 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
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 Remarks:

Planar Illuminance Curve



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Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.6V I:0.0204A P:3.211W PF:0.7144 Lamp Flux:197.423x1 lm		
NAME: FF1-2W-830-40D Specular	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L45mm*W45mm*H60mm	
MFR.:		

Table--1

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Cao Chengpei
Test Date: 2016-06-25

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γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:53.0%
Test Distance:5.850m [K=1.0000]
Remarks:

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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.6V I:0.0204A P:3.211W PF:0.7144 Lamp Flux:197.423x1 lm		
NAME: FF1-2W-830-40D Specular	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L45mm*W45mm*H60mm	
MFR.:		

Table--2

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Cao Chengpei
Test Date: 2016-06-25

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γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:53.0%
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	397.0	397.2	397.1	397.0	397.4	396.7	397.3	396.7	396.7	396.9
3.0	401.6	404.8	404.6	402.3	402.1	399.0	396.3	392.6	390.7	388.3
6.0	405.2	404.2	401.2	399.8	397.5	391.1	386.0	384.1	378.5	375.8
9.0	397.2	398.5	401.5	396.0	386.0	378.0	371.5	369.8	364.7	366.5
12.0	374.1	373.1	372.0	369.9	364.5	363.4	349.7	350.4	341.1	338.9
15.0	332.5	338.1	334.8	335.4	325.4	325.0	315.9	314.3	305.4	300.6
18.0	296.2	295.5	303.5	296.5	289.4	285.3	277.9	279.9	270.0	266.0
21.0	238.5	241.8	246.6	250.5	243.8	233.9	227.9	228.1	220.6	215.8
24.0	163.7	171.0	171.3	175.1	169.6	165.6	161.9	163.1	153.6	153.5
27.0	98.62	101.7	103.8	106.7	103.5	104.5	101.7	102.8	99.33	96.73
30.0	48.92	51.00	51.22	55.44	54.31	56.66	56.92	56.89	53.68	52.00
33.0	23.27	24.18	24.40	25.90	25.74	26.61	26.26	26.81	25.15	24.34
36.0	10.98	11.22	11.33	12.28	12.55	13.28	13.08	13.28	12.52	12.14
39.0	5.572	5.676	5.605	6.223	6.381	6.746	6.688	6.845	6.553	6.430
42.0	2.698	2.746	2.728	2.857	2.893	3.052	3.053	3.133	3.008	3.006
45.0	1.543	1.550	1.570	1.599	1.584	1.628	1.676	1.743	1.718	1.726
48.0	1.137	1.152	1.205	1.216	1.205	1.220	1.275	1.320	1.335	1.333
51.0	0.8680	0.8812	0.9468	0.9472	0.9341	0.9344	0.9853	1.032	1.062	1.054
54.0	0.6675	0.6748	0.7336	0.7217	0.7165	0.7110	0.7507	0.7877	0.8210	0.8089
57.0	0.5076	0.5045	0.5481	0.5321	0.5310	0.5236	0.5566	0.5832	0.6100	0.5959
60.0	0.3817	0.3746	0.4073	0.3895	0.3945	0.3831	0.4137	0.4235	0.4415	0.4214
63.0	0.2943	0.2767	0.3071	0.2916	0.2986	0.2874	0.3135	0.3043	0.3200	0.2958
66.0	0.2324	0.2108	0.2388	0.2172	0.2324	0.2214	0.2452	0.2299	0.2410	0.2107
69.0	0.1833	0.1639	0.1876	0.1618	0.1813	0.1682	0.1983	0.1767	0.1813	0.1511
72.0	0.1493	0.1256	0.1471	0.1191	0.1365	0.1256	0.1536	0.1299	0.1408	0.1064
75.0	0.1173	0.0936	0.1067	0.0766	0.0960	0.1365	0.1553	0.1450	0.1003	0.0702
78.0	0.0896	0.0617	0.0725	0.0446	0.0662	0.1340	0.1067	0.1724	0.0746	0.0404
81.0	0.0683	0.0340	0.0406	0.0149	0.0512	0.0639	0.0832	0.0936	0.0512	0.0085
84.0	0.0427	0.0149	0.0150	0.0149	0.0511	0.0618	0.0704	0.0788	0.0511	0.0085
87.0	0.0213	0.0149	0.0149	0.0149	0.0217	0.0170	0.0172	0.0149	0.0174	0.0149
90.0	0.0170	0.0170	0.0149	0.0149	0.0170	0.0170	0.0149	0.0149	0.0149	0.0149
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	396.1	397.3	397.0	397.2	397.1	397.4	396.7	397.3	396.7	396.7
3.0	386.3	383.0	385.1	387.8	387.4	384.4	386.1	392.7	394.8	393.3
6.0	376.0	371.8	376.1	373.5	376.8	375.9	381.0	381.6	380.5	388.0
9.0	364.8	361.3	357.9	358.5	359.7	361.5	363.8	366.3	369.2	377.9
12.0	334.7	335.1	334.7	332.8	335.6	334.5	338.0	341.0	342.8	348.4
15.0	295.3	298.0	299.5	299.1	302.0	300.9	302.5	300.4	306.5	307.2
18.0	261.2	263.0	262.2	263.1	268.1	260.8	258.9	257.2	258.1	257.9
21.0	216.2	212.7	214.9	214.6	218.6	208.6	202.6	196.9	198.7	198.7
24.0	147.1	151.9	157.6	155.3	159.1	146.2	142.9	135.7	135.9	134.7
27.0	93.49	95.31	100.7	97.72	95.76	87.93	82.65	77.46	78.48	78.61
30.0	47.75	49.26	51.99	48.28	46.11	41.44	39.76	36.41	37.34	38.00
33.0	23.27	23.24	23.97	22.37	21.01	18.99	18.41	17.07	17.35	18.14
36.0	10.98	10.83	10.99	10.43	10.31	9.332	8.858	8.336	8.674	8.810
39.0	5.873	5.634	5.518	5.108	4.844	4.328	4.141	3.831	4.039	4.161
42.0	2.795	2.628	2.577	2.389	2.224	1.870	1.698	1.570	1.652	1.730
45.0	1.671	1.588	1.556	1.484	1.371	1.164	0.9832	0.9254	0.9384	1.004
48.0	1.318	1.275	1.243	1.174	1.062	0.9102	0.7578	0.7098	0.7044	0.7525
51.0	1.066	1.052	1.026	0.9571	0.8428	0.7375	0.6088	0.5692	0.5533	0.5990
54.0	0.8338	0.8388	0.8323	0.7653	0.6619	0.5841	0.4853	0.4562	0.4406	0.4796
57.0	0.6270	0.6471	0.6512	0.5969	0.5001	0.4498	0.3767	0.3603	0.3447	0.3752
60.0	0.4500	0.4746	0.4873	0.4477	0.3702	0.3411	0.2915	0.2835	0.2639	0.2920
63.0	0.3221	0.3426	0.3596	0.3369	0.2723	0.2622	0.2234	0.2260	0.2043	0.2281
66.0	0.2389	0.2469	0.2703	0.2559	0.2022	0.2047	0.1723	0.1812	0.1617	0.1812
69.0	0.1834	0.1788	0.2043	0.2025	0.1553	0.1599	0.1298	0.1407	0.1234	0.1428
72.0	0.1366	0.1277	0.1595	0.1620	0.1212	0.1216	0.0914	0.1087	0.0894	0.1087
75.0	0.1024	0.0958	0.1149	0.1279	0.0787	0.0853	0.0616	0.0853	0.0808	0.0831
78.0	0.0704	0.0596	0.0766	0.0875	0.0404	0.0512	0.0362	0.1278	0.0618	0.1129
81.0	0.0406	0.0298	0.0489	0.0469	0.0149	0.0256	0.0362	0.0810	0.0596	0.0789
84.0	0.0150	0.0149	0.0212	0.0214	0.0128	0.0171	0.0362	0.0788	0.0447	0.0746
87.0	0.0149	0.0149	0.0128	0.0128	0.0128	0.0149	0.0149	0.0196	0.0107	0.0197
90.0	0.0149	0.0149	0.0128	0.0128	0.0128	0.0128	0.0128	0.0107	0.0107	0.0107
G/C	300.0	315.0	330.0	345.0						
0.0	396.7	396.9	396.1	397.3						
3.0	396.0	399.2	400.7	400.7						
6.0	392.3	397.9	402.3	402.1						
9.0	380.0	382.4	390.6	390.3						
12.0	354.8	360.9	367.6	369.1						
15.0	315.9	322.9	327.8	331.7						
18.0	268.1	276.7	283.6	291.5						
21.0	207.5	216.2	228.7	233.3						

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Cao Chengpei
 Test Date: 2016-06-25

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity: 53.0%
 Test Distance: 5.850m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

24.0	143.0	149.9	162.9	165.3
27.0	84.74	92.08	98.43	100.3
30.0	42.96	45.55	49.95	49.92
33.0	19.48	21.11	23.25	23.26
36.0	9.761	10.46	11.19	11.14
39.0	4.872	5.235	5.620	5.520
42.0	2.023	2.276	2.628	2.703
45.0	1.130	1.301	1.477	1.525
48.0	0.8214	0.9445	1.055	1.109
51.0	0.6363	0.7270	0.7895	0.8401
54.0	0.5023	0.5671	0.6066	0.6481
57.0	0.3852	0.4413	0.4618	0.4989
60.0	0.2936	0.3368	0.3447	0.3794
63.0	0.2213	0.2580	0.2596	0.2900
66.0	0.1681	0.2046	0.1958	0.2281
69.0	0.1277	0.1620	0.1490	0.1833
72.0	0.0893	0.1216	0.1149	0.1471
75.0	0.0617	0.0875	0.0830	0.1173
78.0	0.0319	0.0555	0.0489	0.0874
81.0	0.0298	0.0256	0.0254	0.0576
84.0	0.0298	0.0171	0.0128	0.0299
87.0	0.0149	0.0149	0.0128	0.0128
90.0	0.0107	0.0128	0.0128	0.0128

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Cao Chengpei
Test Date: 2016-06-25

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 53.0%
Test Distance: 5.850m [K=1.0000]
Remarks: