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LED Tracklight BO Series LE-BO  
L-42W-940-40D

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Light Output Ratio:	100.0%	
Luminaire Power:	40.57 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.55	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: 2017-08-03

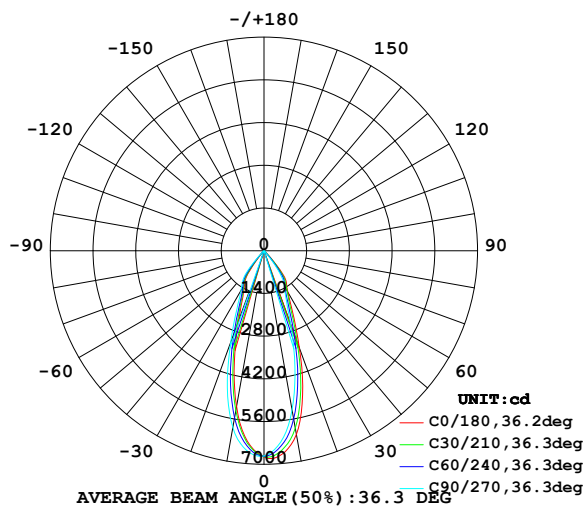
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

## LUMINAIRE PHOTOMETRIC TEST REPORT

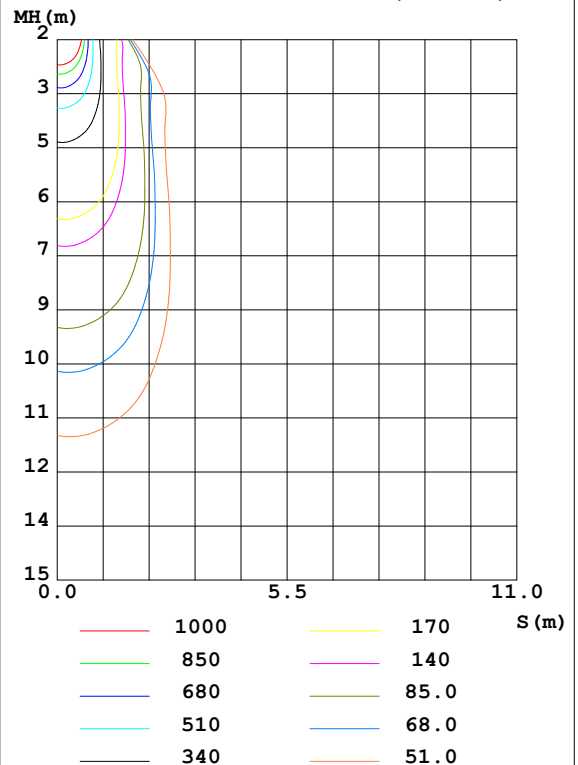
Test:U:220.6V I:0.1961A P:40.57W PF:0.9380 Lamp Flux:3511.93x1 lm		
NAME: BO L-42W-940-40D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: $\phi$ 128mm*H120mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 86.56 lm/W			
MODEL	CITIZEN-4000K	I <sub>max</sub> (cd)	6812	S/MH (C0/180)	0.54
NOMINAL POWER (W)	42	LOR (%)	100.0	S/MH (C90/270)	0.64
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	3511.9	$\eta$ UP, DN (C0-180)	0.0, 47.5
NOMINAL FLUX (lm)	3511.93	CIE CLASS	DIRECT	$\eta$ UP, DN (C180-360)	0.0, 52.5
LAMPS INSIDE	1	$\eta$ up (%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	220	$\eta$ down (%)	100.0	CIBSE SHR MAX	0.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



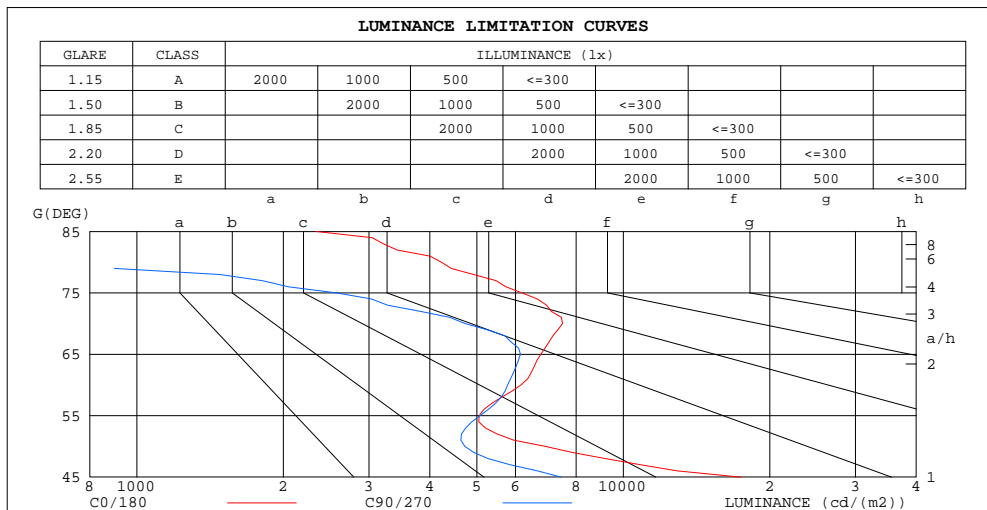
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Meng Yongjian  
 Test Date:2017-08-03

$\gamma$  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:

## 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	6117	5786	5301	5086	5189	5388	5886	6161	0- 10	588.8	588.8	16.8,16.8
20	3401	3047	2568	2347	2442	2701	3201	3460	10- 20	1172	1761	50.1,50.1
30	1569	1462	1323	1258	1276	1344	1519	1572	20- 30	902.1	2663	75.8,75.8
40	821.3	565.8	276.8	183.4	204.8	392.1	735.7	872.3	30- 40	639.3	3302	94,94
50	57.22	43.20	39.04	36.95	38.96	40.66	47.65	66.75	40- 50	125.0	3427	97.6,97.6
60	39.61	38.32	37.19	37.59	37.12	38.24	38.21	39.68	50- 60	35.06	3462	98.6,98.6
70	32.99	28.91	20.82	22.15	23.44	26.35	26.97	32.07	60- 70	33.69	3496	99.5,99.5
80	9.437	4.329	1.319	1.669	3.404	3.601	4.341	6.199	70- 80	14.89	3511	100,100
90	0.2514	0.2514	0.2821	0.2755	0.1443	0.1443	0.1421	0.1421	80- 90	1.231	3512	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	2335	293
80	4225	591
75	6192	2574
70	7500	4733
65	6769	6143
60	6160	5783
55	5053	5074
50	6922	4722
45	17443	7448

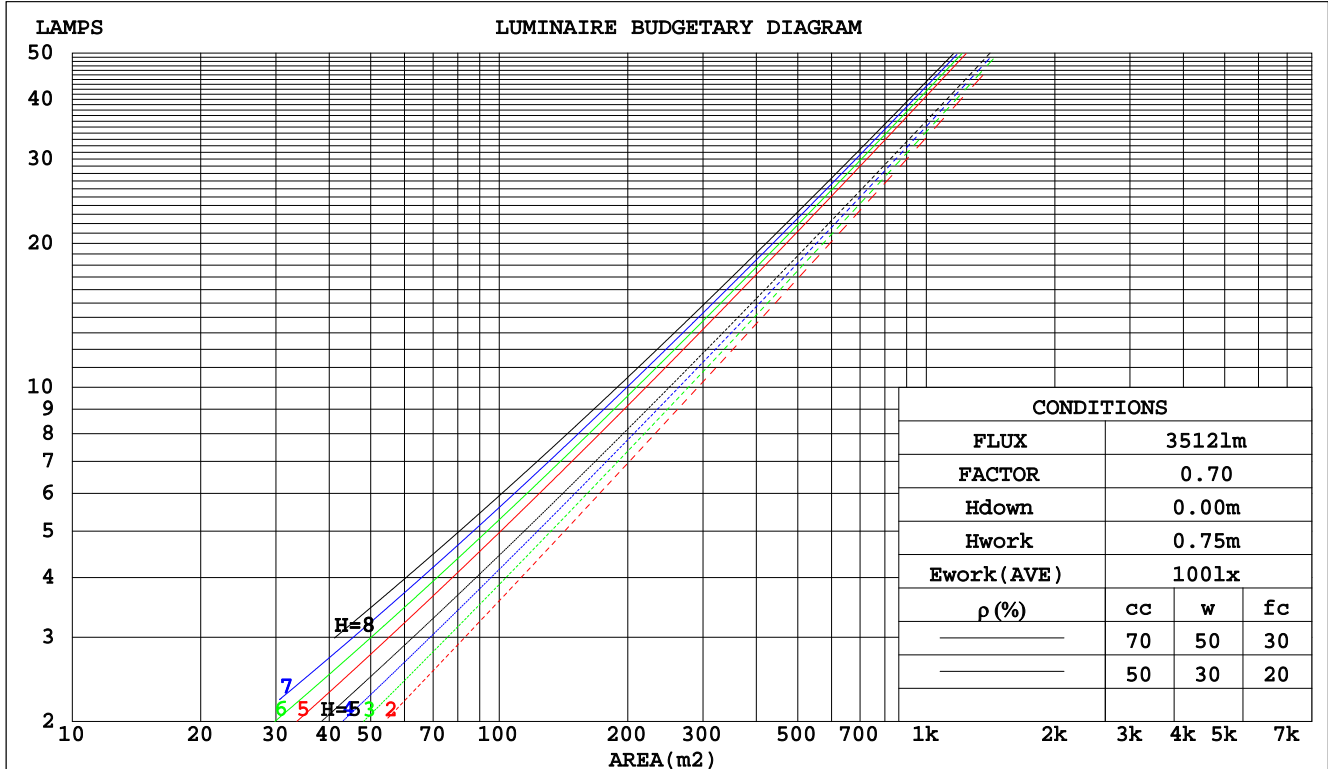
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
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 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
 Test Date: 2017-08-03

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 $\gamma$  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:0.1961A P:40.57W PF:0.9380 Lamp Flux:3511.93x1 lm		
NAME: BO L-42W-940-40D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: $\phi$ 128mm*H120mm	
MFR.:		

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	.00	.99	.98	.97	.96	.94
2.0	1.04	1.00	.97	1.02	.99	.96	.99	.96	.94	.96	.94	.92	.93	.91	.90	.88
3.0	.98	.93	.89	.96	.92	.88	.94	.90	.87	.91	.88	.86	.89	.86	.84	.83
4.0	.92	.87	.83	.91	.86	.82	.89	.84	.81	.87	.83	.80	.85	.82	.79	.78
5.0	.87	.81	.77	.86	.81	.77	.84	.80	.76	.82	.78	.75	.81	.77	.75	.73
6.0	.82	.76	.72	.81	.76	.72	.80	.75	.72	.78	.74	.71	.77	.74	.71	.69
7.0	.78	.72	.68	.77	.72	.68	.76	.71	.68	.75	.70	.67	.74	.70	.67	.66
8.0	.74	.68	.65	.73	.68	.64	.72	.67	.64	.71	.67	.64	.70	.66	.64	.62
9.0	.70	.65	.61	.70	.65	.61	.69	.64	.61	.68	.64	.61	.67	.63	.60	.59
10.0	.67	.62	.58	.67	.62	.58	.66	.61	.58	.65	.61	.58	.64	.60	.58	.56



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## WEC AND CCEC

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$\rho_{cc}$	80%			70%			50%			30%			10%			0	
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
$\rho_{fc}$	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.171	.097	.031	.164	.093	.030	.151	.087	.028	.140	.081	.026	.129	.075	.024		
2.0	.162	.089	.027	.157	.086	.027	.146	.081	.025	.136	.076	.024	.127	.072	.023		
3.0	.154	.082	.024	.149	.080	.024	.140	.076	.023	.132	.072	.022	.124	.069	.021		
4.0	.146	.076	.022	.142	.074	.022	.134	.071	.021	.127	.068	.021	.120	.065	.020		
5.0	.138	.070	.020	.135	.069	.020	.128	.067	.020	.122	.064	.019	.116	.062	.019		
6.0	.132	.066	.019	.129	.065	.019	.123	.063	.018	.117	.061	.018	.112	.059	.018		
7.0	.126	.062	.018	.123	.061	.017	.118	.059	.017	.113	.058	.017	.108	.056	.017		
8.0	.120	.059	.016	.118	.058	.016	.113	.056	.016	.109	.055	.016	.105	.054	.016		
9.0	.115	.056	.016	.113	.055	.015	.109	.054	.015	.105	.052	.015	.101	.051	.015		
10.0	.110	.053	.015	.108	.052	.015	.104	.051	.014	.101	.050	.014	.098	.049	.014		

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	.171	.157	.145	.146	.135	.125	.100	.093	.087	.057	.054	.050	.018	.017	.016	
2.0	.155	.133	.114	.133	.114	.098	.091	.079	.069	.052	.046	.040	.017	.015	.013	
3.0	.142	.114	.091	.122	.098	.079	.084	.068	.055	.048	.040	.033	.016	.013	.011	
4.0	.131	.099	.074	.113	.085	.064	.077	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.122	.087	.061	.105	.075	.053	.072	.053	.037	.042	.031	.022	.014	.010	.007	
6.0	.114	.077	.051	.098	.067	.044	.068	.047	.031	.039	.028	.019	.013	.009	.006	
7.0	.108	.070	.043	.093	.060	.038	.064	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.102	.063	.037	.088	.055	.032	.061	.039	.023	.035	.023	.014	.011	.007	.005	
9.0	.097	.058	.032	.083	.050	.028	.058	.035	.020	.034	.021	.012	.011	.007	.004	
10.0	.092	.054	.028	.079	.047	.025	.055	.033	.017	.032	.019	.010	.010	.006	.003	

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 $\gamma$  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:0.1961A P:40.57W PF:0.9380 Lamp Flux:3511.93x1 lm										
NAME: BO L-42W-940-40D					TYPE:Downlight			SERIAL No.:		
SPEC.:4000K					DIM.: $\phi 128\text{mm} \times H120\text{mm}$					
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	20.0	20.9	20.2	21.0	21.2	18.5	19.4	18.7	19.6	19.7
3H	20.0	20.8	20.3	21.0	21.2	18.5	19.4	18.8	19.6	19.8
4H	20.1	20.8	20.3	21.0	21.3	18.5	19.3	18.8	19.5	19.7
6H	20.0	20.8	20.3	21.0	21.2	18.4	19.1	18.7	19.4	19.6
8H	20.0	20.7	20.3	21.0	21.2	18.4	19.1	18.7	19.3	19.6
12H	20.0	20.6	20.3	20.9	21.2	18.3	19.0	18.7	19.3	19.5
4H 2H	19.8	20.6	20.1	20.8	21.0	18.4	19.1	18.6	19.4	19.6
3H	19.9	20.6	20.2	20.9	21.1	18.5	19.1	18.8	19.4	19.7
4H	20.0	20.6	20.3	20.9	21.2	18.4	19.1	18.8	19.3	19.7
6H	20.0	20.5	20.4	20.9	21.2	18.4	18.9	18.7	19.2	19.6
8H	20.0	20.5	20.4	20.8	21.2	18.3	18.8	18.7	19.2	19.5
12H	19.9	20.4	20.3	20.8	21.1	18.3	18.7	18.7	19.1	19.5
8H 4H	19.9	20.4	20.3	20.7	21.1	18.4	18.9	18.8	19.2	19.6
6H	19.9	20.3	20.3	20.7	21.1	18.3	18.7	18.7	19.1	19.5
8H	19.9	20.2	20.3	20.7	21.1	18.2	18.6	18.7	19.0	19.4
12H	19.8	20.1	20.3	20.6	21.1	18.2	18.5	18.6	18.9	19.4
12H 4H	19.8	20.3	20.2	20.7	21.1	18.3	18.8	18.7	19.1	19.5
6H	19.8	20.2	20.3	20.6	21.1	18.2	18.6	18.7	19.0	19.5
8H	19.8	20.1	20.3	20.6	21.0	18.2	18.5	18.6	18.9	19.4
Variations with the observer position at spacings:										
S = 1.0H	+ 3.4 / - 6.1					+ 2.7 / - 5.1				
1.5H	+ 5.9 / - 5.9					+ 5.3 / - 5.4				
2.0H	+ 3.1 / - 0.8					+ 0.6 / - 0.9				

CIE Pub.117 Corrected 3512 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.4)

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 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:0.1961A P:40.57W PF:0.9380 Lamp Flux:3511.93x1 lm		
NAME: BO L-42W-940-40D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: $\phi 128\text{mm} \times H120\text{mm}$	
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	82	78	87	81	78	87	81	78	74
0.80	95	89	86	95	89	86	93	89	85	82
1.00	99	94	90	99	94	90	97	93	90	86
1.25	103	98	95	102	98	94	100	96	94	89
1.50	106	101	98	105	101	98	103	99	96	92
2.00	109	104	101	107	103	101	105	101	99	94
2.50	110	107	104	109	105	103	106	103	101	95
3.00	112	108	106	110	107	105	107	104	102	96
4.00	114	111	109	112	110	108	108	106	105	98
5.00	115	113	111	113	111	110	109	108	106	99
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.: $\phi$ 128mm*H120mm	
MFR.:		

Conical surface Flux(90deg):

3399.7 lm

%lum = 96.8%

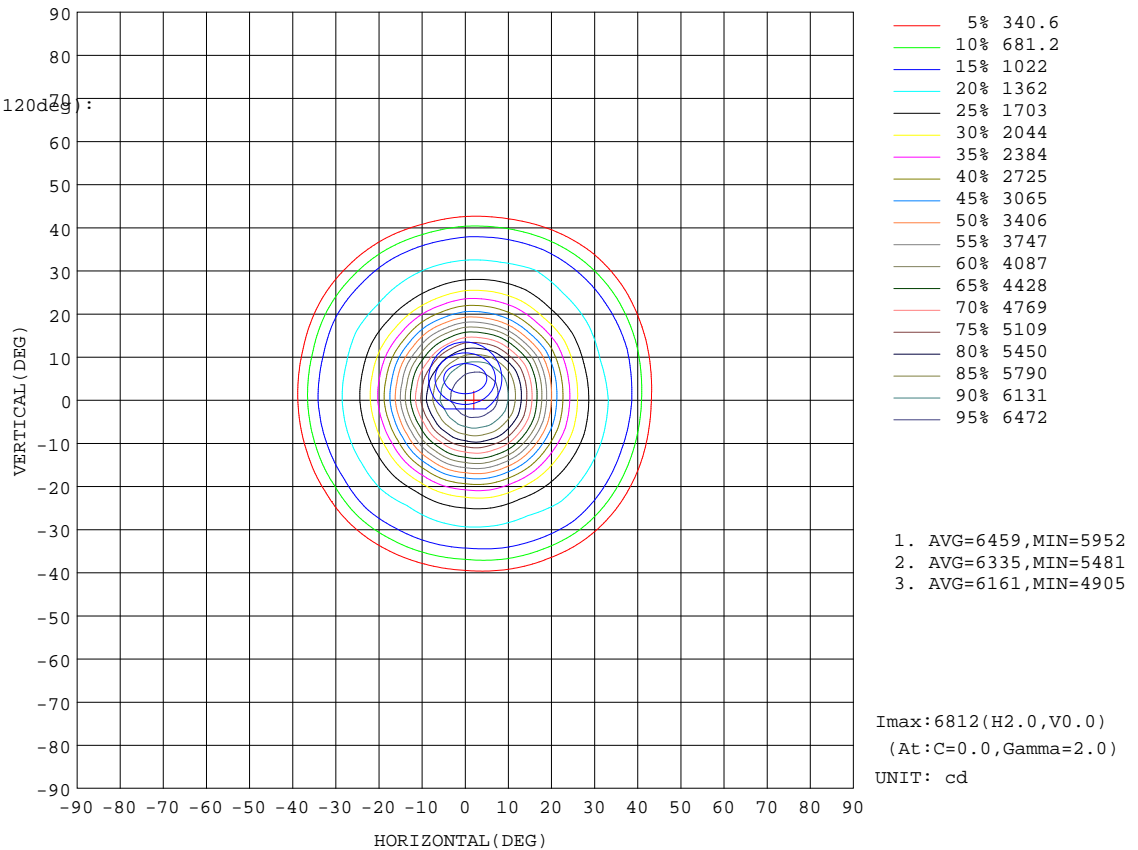
%lamp = 96.8%

Conical surface Flux(120deg):

3462.1 lm

%lum = 98.6%

%lamp = 98.6%



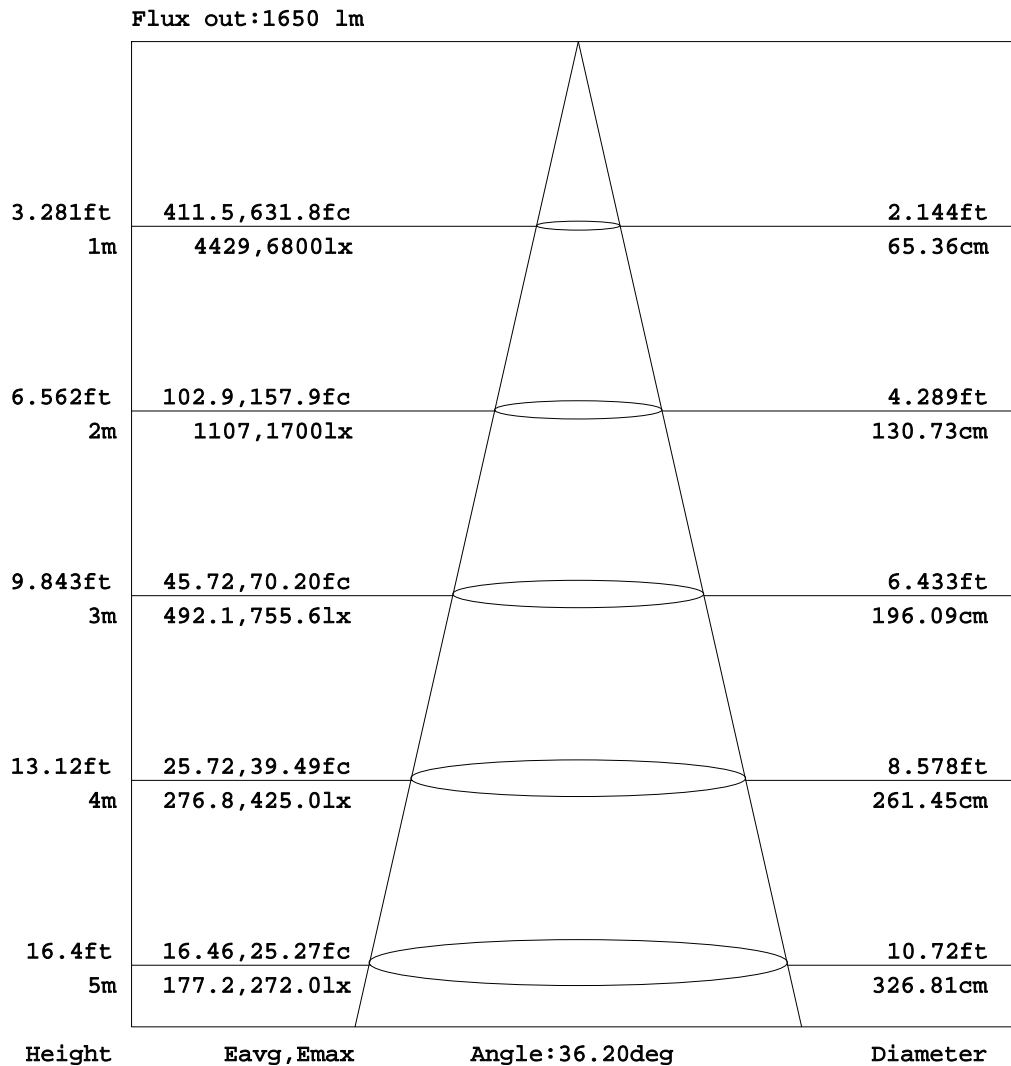
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## AAI Figure

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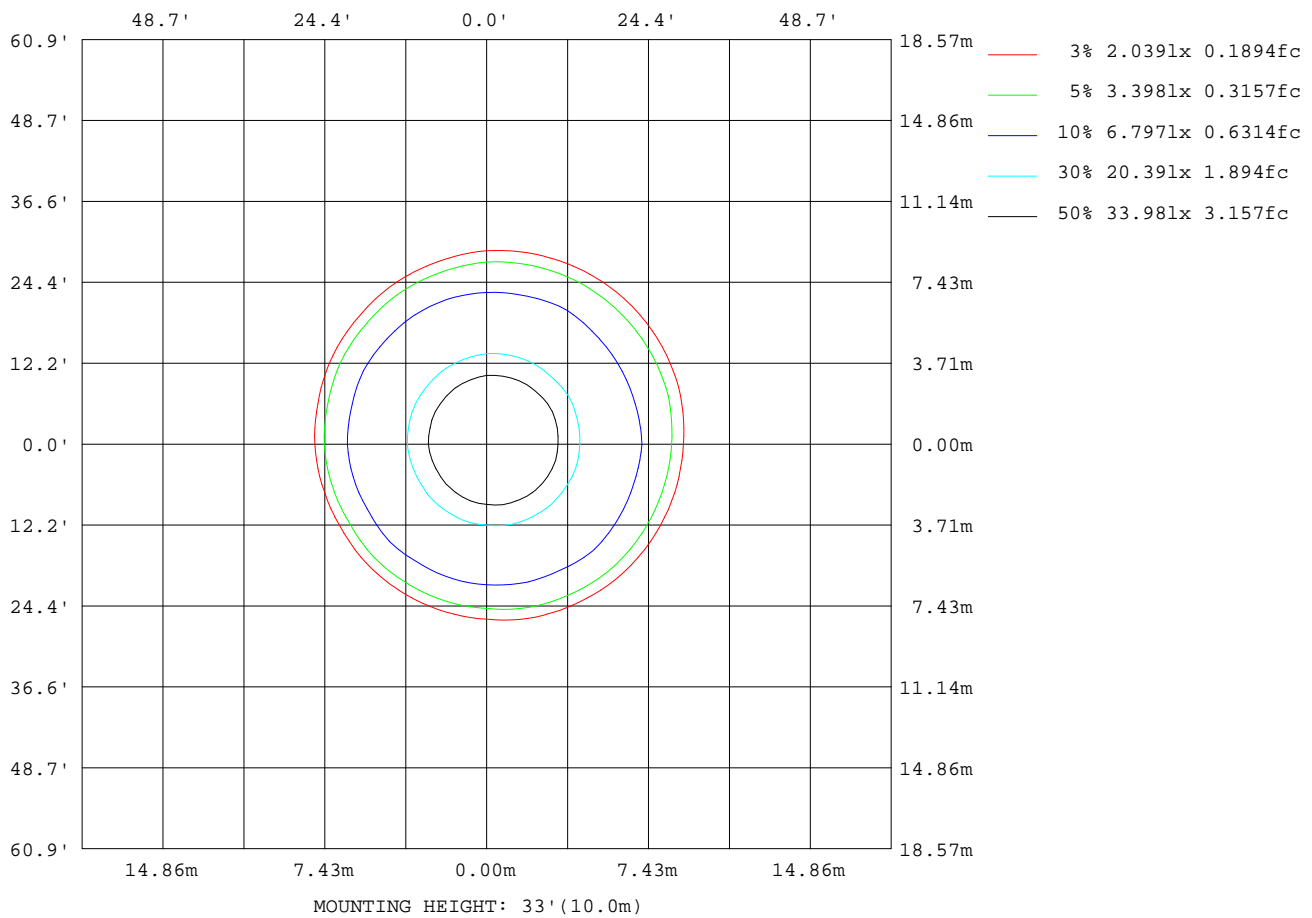
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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## ISOLUX DIAGRAM

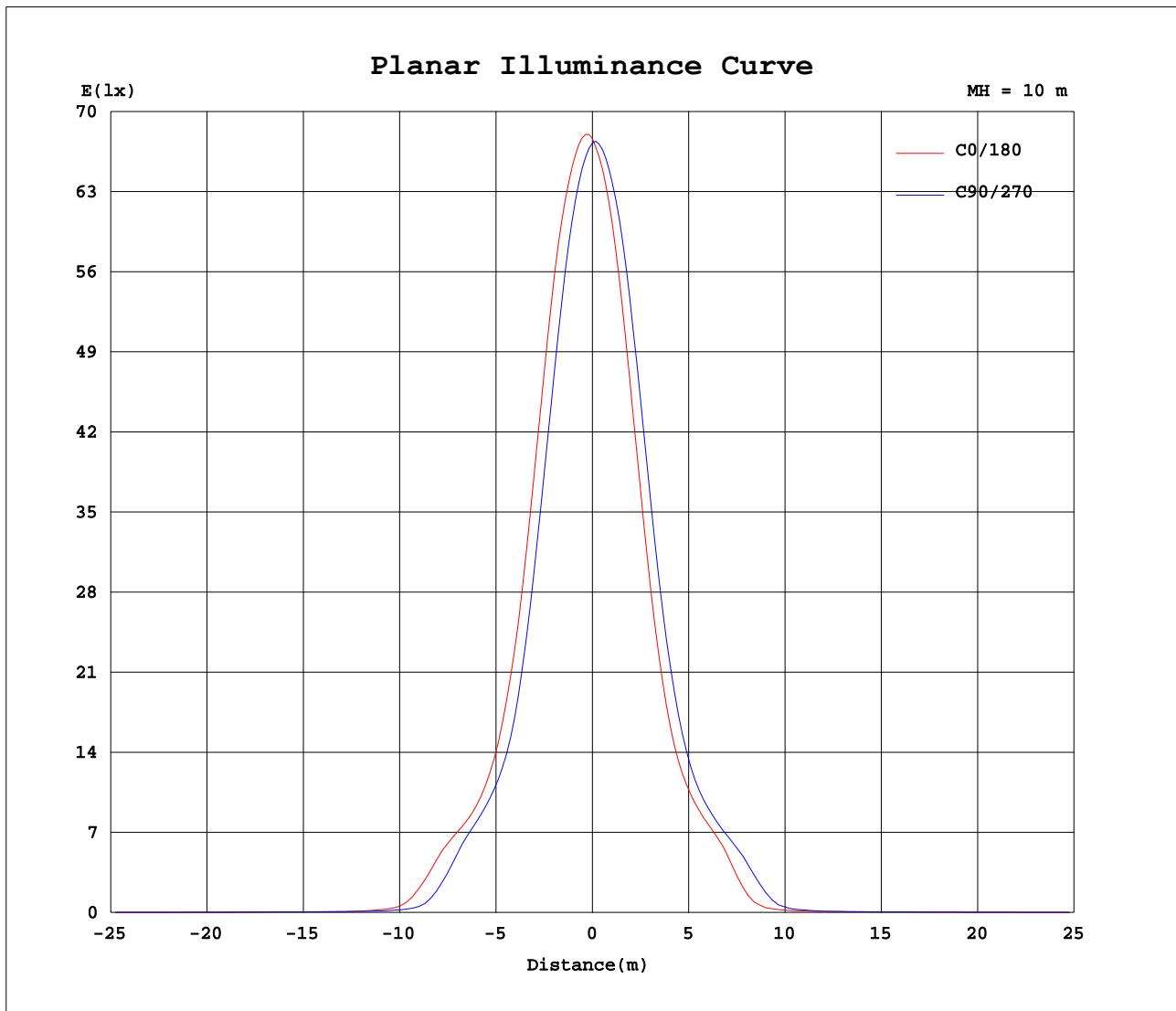
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## Planar Illuminance Curve



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

Test:U:220.6V I:0.1961A P:40.57W PF:0.9380 Lamp Flux:3511.93x1 lm		
NAME: BO L-42W-940-40D	TYPE:Downlight	SERIAL No.:
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Table--1

UNIT: cd

[illegible]

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-08-03

```

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:0.1961A P:40.57W PF:0.9380    Lamp Flux:3511.93x1 lm		
NAME: BO L-42W-940-40D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: φ128mm*H120mm	
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: 2017-08-03

```

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	6763	6750	6750	6740	6737	6732	6725	6726	6717	6724
3.0	6800	6766	6713	6671	6613	6581	6532	6508	6466	6466
6.0	6623	6568	6473	6403	6308	6244	6146	6105	6031	6022
9.0	6276	6221	6092	5981	5815	5703	5542	5480	5364	5352
12.0	5699	5634	5466	5321	5107	4961	4769	4687	4556	4523
15.0	4897	4841	4660	4508	4282	4128	3927	3837	3693	3651
18.0	4007	3943	3771	3616	3409	3263	3074	2990	2857	2826
21.0	3119	3070	2919	2793	2622	2500	2331	2254	2157	2137
24.0	2430	2384	2236	2125	1990	1921	1818	1766	1690	1695
27.0	1901	1878	1789	1706	1599	1568	1525	1477	1412	1437
30.0	1569	1565	1517	1462	1374	1354	1323	1276	1230	1258
33.0	1371	1354	1323	1301	1222	1191	1136	1098	1066	1073
36.0	1234	1170	1153	1135	1017	926.4	804.5	748.1	696.3	681.9
39.0	973.0	872.4	796.6	720.2	596.8	508.0	395.8	337.4	287.3	259.4
42.0	508.9	443.7	365.4	282.0	197.8	181.5	128.0	102.5	96.73	87.79
45.0	158.6	163.2	112.0	89.31	80.24	75.26	67.74	59.68	59.50	56.02
48.0	78.99	77.80	66.38	55.10	50.14	48.72	45.36	42.68	42.45	40.54
51.0	48.17	48.69	44.55	40.10	38.42	38.46	37.51	37.08	37.40	36.55
54.0	38.14	39.04	38.01	36.23	35.83	36.51	36.93	37.20	37.85	38.05
57.0	37.58	38.30	38.12	37.08	36.98	37.93	38.25	38.12	38.60	39.31
60.0	39.61	39.38	38.96	38.32	37.49	37.54	37.19	37.30	37.36	37.59
63.0	38.29	37.88	37.38	36.39	35.39	35.85	35.15	34.64	34.91	35.69
66.0	36.11	35.81	35.14	34.74	33.84	33.41	31.88	30.74	31.39	32.50
69.0	33.81	33.90	33.40	31.87	27.90	26.57	24.17	22.91	23.03	25.81
72.0	28.26	27.80	26.48	23.05	18.57	17.51	15.20	13.76	14.02	16.39
75.0	20.61	19.73	17.68	13.98	11.06	10.24	8.567	7.623	7.633	9.349
78.0	13.16	12.52	10.61	7.125	5.470	4.827	3.961	3.547	3.379	4.240
81.0	8.054	7.309	4.908	2.488	1.396	0.9651	0.7212	0.6607	0.6809	0.9388
84.0	4.094	3.583	1.102	0.4535	0.3514	0.3301	0.3350	0.2930	0.2846	0.2644
87.0	0.8949	0.5820	0.2894	0.2666	0.2996	0.3342	0.3171	0.2842	0.2733	0.2602
90.0	0.2514	0.2449	0.2558	0.2514	0.2755	0.2777	0.2821	0.2821	0.2755	0.2755
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	6715	6724	6763	6750	6737	6740	6732	6732	6725	6726
3.0	6449	6466	6522	6523	6557	6572	6620	6649	6694	6726
6.0	5991	6025	6101	6102	6165	6200	6293	6368	6471	6538
9.0	5301	5358	5453	5458	5558	5620	5778	5900	6075	6166
12.0	4464	4524	4637	4664	4792	4879	5064	5226	5434	5549
15.0	3576	3637	3760	3798	3948	4052	4258	4414	4644	4747
18.0	2760	2807	2923	2968	3105	3208	3411	3552	3766	3876
21.0	2096	2139	2233	2285	2396	2473	2634	2761	2944	3039
24.0	1676	1697	1752	1782	1859	1906	2015	2127	2286	2373
27.0	1423	1435	1465	1481	1533	1549	1610	1700	1809	1883
30.0	1233	1255	1276	1288	1340	1344	1400	1465	1519	1562
33.0	1031	1066	1109	1123	1188	1211	1255	1298	1331	1356
36.0	634.5	689.2	767.0	811.3	917.0	976.4	1067	1117	1161	1194
39.0	236.1	261.0	314.8	360.4	458.0	542.6	663.7	763.5	881.9	943.2
42.0	89.65	90.21	101.7	111.1	149.1	149.4	232.7	308.3	423.1	495.3
45.0	56.28	56.87	61.40	65.28	69.90	74.93	86.63	101.3	137.7	136.2
48.0	40.53	40.62	42.77	44.86	46.00	47.33	51.63	60.98	71.03	74.76
51.0	36.60	37.07	38.40	39.78	39.31	39.15	39.28	40.24	43.15	44.56
54.0	37.89	38.33	38.96	40.09	39.34	38.62	37.14	36.41	36.45	36.56
57.0	38.79	38.80	39.08	40.17	39.62	39.39	38.53	37.43	36.82	36.48
60.0	36.73	36.86	37.12	37.87	38.01	38.24	38.98	38.93	38.21	37.77
63.0	35.15	35.18	34.95	35.16	34.79	35.20	35.92	36.66	37.12	37.13
66.0	32.44	32.62	32.89	33.49	32.92	33.27	33.06	32.77	33.09	33.61
69.0	25.41	25.78	26.29	27.25	27.68	28.54	28.90	28.38	28.57	28.40
72.0	16.47	17.02	17.62	18.33	19.58	20.36	19.75	19.62	21.22	21.47
75.0	9.934	10.33	10.76	11.24	12.47	12.25	11.93	12.08	12.96	13.41
78.0	4.639	5.048	5.440	5.849	6.574	6.260	5.989	6.110	6.598	6.938
81.0	1.279	1.553	1.817	2.018	2.690	2.067	1.867	1.894	2.343	2.650
84.0	0.2854	0.2729	0.2700	0.3024	0.3784	0.3222	0.2851	0.3452	0.5034	0.6788
87.0	0.2405	0.2406	0.1443	0.1466	0.1399	0.1509	0.1421	0.1970	0.2381	0.3746
90.0	0.2558	0.2580	0.1443	0.1443	0.1443	0.1443	0.1377	0.1443	0.1421	0.1531
G/C	300.0	315.0	330.0	345.0						
0.0	6717	6724	6715	6724						
3.0	6758	6779	6787	6783						
6.0	6604	6626	6653	6642						
9.0	6279	6318	6371	6325						
12.0	5693	5750	5822	5762						
15.0	4902	4967	5054	4983						
18.0	4016	4078	4188	4107						
21.0	3134	3170	3290	3214						

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.3DEG

Operators: Meng Yongjian

Test Date: 2017-08-03

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	2445	2448	2551	2483
27.0	1935	1913	1978	1928
30.0	1604	1572	1597	1557
33.0	1410	1369	1369	1335
36.0	1247	1216	1210	1221
39.0	995.1	1000	1008	1035
42.0	555.8	592.2	606.7	591.7
45.0	177.7	214.6	225.2	194.5
48.0	79.49	96.44	95.05	85.03
51.0	46.60	58.10	57.29	51.47
54.0	36.92	41.23	40.70	38.43
57.0	35.74	38.09	37.54	36.47
60.0	37.39	39.68	40.33	39.15
63.0	37.15	39.53	41.24	39.37
66.0	34.45	36.45	37.52	36.71
69.0	30.05	33.22	34.73	33.98
72.0	23.04	27.22	31.20	29.55
75.0	14.81	18.09	22.71	21.71
78.0	8.177	10.57	14.36	14.48
81.0	3.921	4.966	7.054	8.436
84.0	0.5345	0.8227	1.960	4.057
87.0	0.4399	0.3320	0.2138	0.6788
90.0	0.1487	0.1421	0.1377	0.1509

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-08-03

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: