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LED Tracklight BO Series LE-BO  
S-15W-940-12D

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Light Output Ratio:	100.0%	
Luminaire Power:	14.75 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: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-07-31

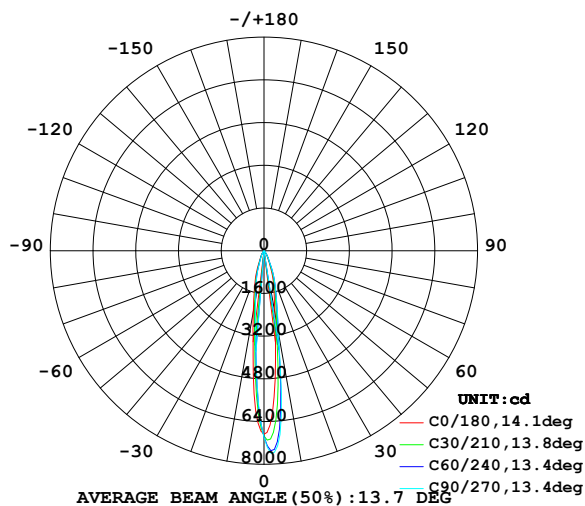
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

## LUMINAIRE PHOTOMETRIC TEST REPORT

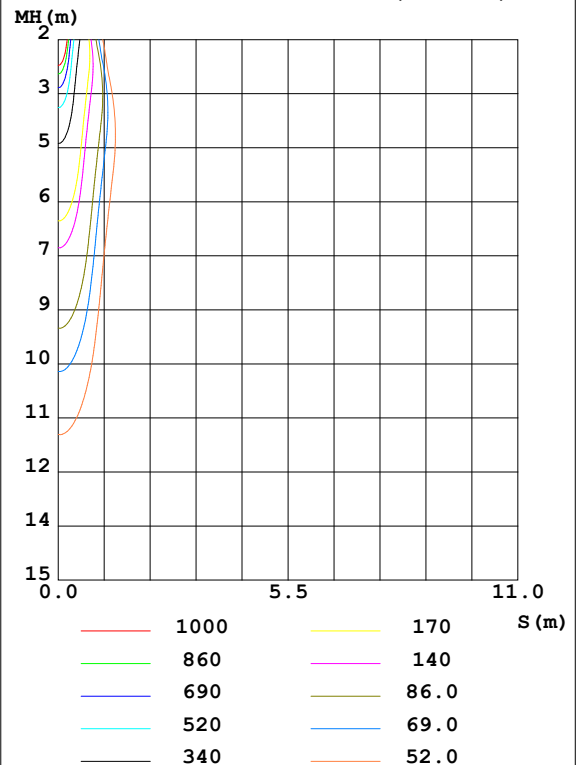
Test:U:220.8V I:0.0728A P:14.75W PF:0.9171 Lamp Flux:1133.19x1 lm		
NAME: BO S-15W-940-12D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: $\phi$ 82mm*H77mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 76.85 lm/W			
MODEL	CITIZEN-4000K	I <sub>max</sub> (cd)	7597	S/MH (C0/180)	0.24
NOMINAL POWER (W)	15.0	LOR (%)	100.0	S/MH (C90/270)	0.18
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	1133.2	$\eta$ UP, DN (C0-180)	0.0, 59.1
NOMINAL FLUX (lm)	1133.19	CIE CLASS	DIRECT	$\eta$ UP, DN (C180-360)	0.0, 40.9
LAMPS INSIDE	1	$\eta$ up (%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE (V)	220	$\eta$ down (%)	100.0	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



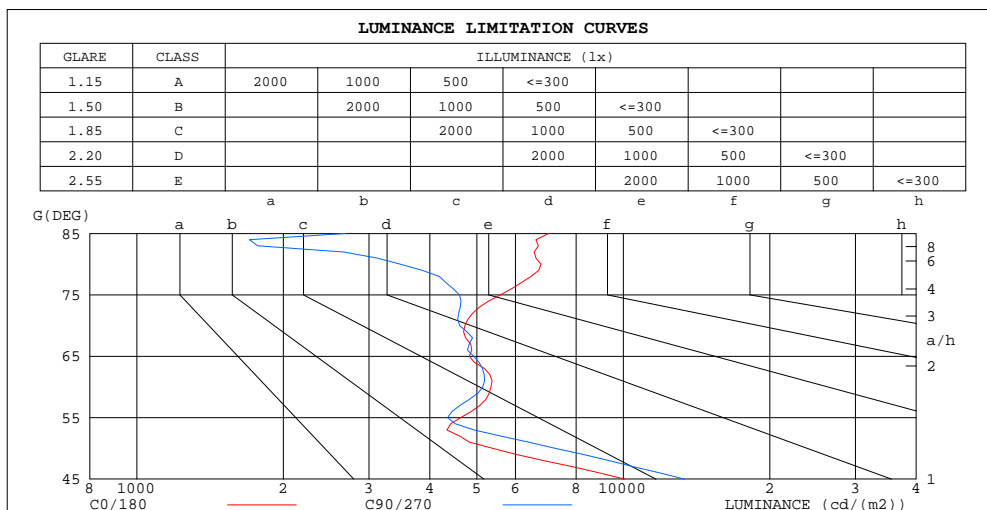
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Meng Yongjian  
 Test Date:2017-07-31

$\gamma$  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	2358	2969	3161	2857	2323	1892	1821	2014	0- 10	386.1	386.1	34.1,34.1
20	848.8	1082	1114	981.3	782.9	591.6	552.9	645.3	10- 20	398.1	784.2	69.2,69.2
30	241.1	309.9	313.1	273.8	216.0	173.9	168.2	188.1	20- 30	203.1	987.3	87.1,87.1
40	72.99	89.67	92.56	81.69	68.02	56.19	53.09	58.68	30- 40	84.30	1072	94.6,94.6
50	18.30	23.61	24.60	21.54	17.73	14.34	13.85	14.96	40- 50	30.54	1102	97.3,97.3
60	14.11	13.85	13.57	13.43	13.10	12.30	11.68	12.59	50- 60	12.78	1115	98.4,98.4
70	8.526	8.657	8.320	8.193	8.139	7.298	6.954	7.475	60- 70	10.27	1125	99.3,99.3
80	6.209	4.089	3.191	3.807	5.913	2.550	1.159	2.882	70- 80	6.497	1132	99.9,99.9
90	0.0634	0.0787	1.244	0.0875	0.0503	0.0547	0.0503	0.0525	80- 90	1.487	1133	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		



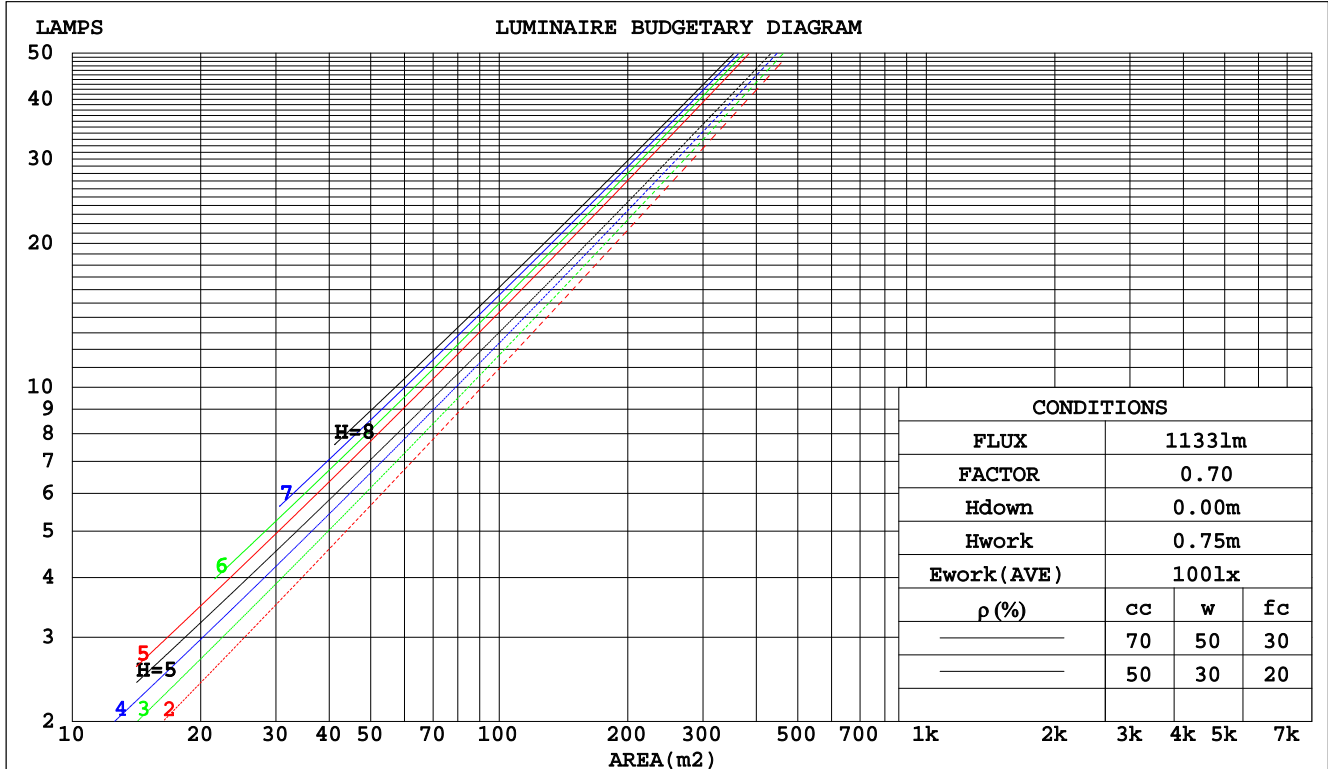
C Range: 0 - 360DEG  
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 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
 Test Date: 2017-07-31

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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:220.8V I:0.0728A P:14.75W PF:0.9171 Lamp Flux:1133.19x1 lm		
NAME: BO S-15W-940-12D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: $\phi 82\text{mm} \times H77\text{mm}$	
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	1.12	1.10	1.08	1.10	1.08	1.06	1.06	1.05	1.03	1.02	1.01	1.00	.99	.98	.97	.96
2.0	1.06	1.03	.90	1.04	1.01	.99	1.01	.99	.97	.98	.96	.95	.96	.94	.93	.91
3.0	1.01	.97	.94	.90	.96	.93	.97	.94	.91	.95	.92	.90	.93	.91	.89	.87
4.0	.96	.92	.89	.95	.91	.88	.93	.90	.87	.91	.88	.86	.90	.87	.85	.84
5.0	.92	.88	.84	.91	.87	.84	.90	.86	.83	.88	.85	.83	.87	.84	.82	.81
6.0	.89	.84	.81	.88	.84	.80	.87	.83	.80	.85	.82	.79	.84	.81	.79	.78
7.0	.85	.81	.78	.85	.80	.77	.84	.80	.77	.83	.79	.77	.82	.79	.76	.75
8.0	.82	.78	.75	.82	.78	.75	.81	.77	.74	.80	.77	.74	.79	.76	.74	.73
9.0	.80	.75	.72	.79	.75	.72	.79	.75	.72	.78	.74	.72	.77	.74	.71	.70
10.0	.77	.73	.70	.77	.73	.70	.76	.72	.70	.76	.72	.70	.75	.72	.69	.68



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 Humidity: 52%  
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 Remarks:

## WEC AND CCEC

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SPEC.:4000K	DIM.: $\varnothing$ 82mm*H77mm	
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						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.152	.086	.027	.145	.083	.026	.132	.076	.024	.121	.070	.022	.110	.064	.021		
2.0	.141	.077	.024	.136	.075	.023	.126	.070	.022	.116	.065	.020	.107	.061	.019		
3.0	.132	.070	.021	.127	.068	.021	.119	.064	.020	.111	.061	.019	.103	.057	.018		
4.0	.124	.064	.019	.120	.063	.019	.112	.060	.018	.106	.057	.017	.099	.054	.016		
5.0	.116	.059	.017	.113	.058	.017	.107	.056	.016	.101	.053	.016	.095	.051	.015		
6.0	.110	.055	.016	.107	.054	.016	.102	.052	.015	.096	.050	.015	.092	.048	.014		
7.0	.104	.052	.015	.102	.051	.014	.097	.049	.014	.092	.047	.014	.088	.046	.013		
8.0	.099	.048	.014	.097	.048	.013	.093	.046	.013	.089	.045	.013	.085	.044	.013		
9.0	.094	.046	.013	.093	.045	.013	.089	.044	.012	.085	.043	.012	.082	.042	.012		
10.0	.090	.043	.012	.089	.043	.012	.085	.042	.012	.082	.041	.012	.079	.040	.011		

$\rho_{cc}$	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	.169	.158	.147	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.152	.133	.116	.130	.114	.100	.089	.079	.070	.052	.046	.041	.017	.015	.013	
3.0	.138	.113	.094	.118	.098	.081	.081	.068	.057	.047	.040	.034	.015	.013	.011	
4.0	.126	.098	.077	.108	.085	.067	.074	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.116	.086	.064	.099	.074	.056	.068	.052	.039	.040	.031	.023	.013	.010	.008	
6.0	.107	.076	.054	.092	.066	.047	.064	.046	.033	.037	.027	.020	.012	.009	.007	
7.0	.100	.068	.046	.086	.059	.040	.059	.041	.028	.034	.024	.017	.011	.008	.006	
8.0	.093	.062	.040	.080	.053	.035	.056	.037	.025	.032	.022	.015	.010	.007	.005	
9.0	.088	.056	.035	.075	.049	.030	.052	.034	.021	.030	.020	.013	.010	.007	.004	
10.0	.083	.051	.030	.071	.045	.027	.049	.031	.019	.029	.019	.011	.009	.006	.004	

C Range: 0 - 360DEG  
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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:220.8V I:0.0728A P:14.75W PF:0.9171 Lamp Flux:1133.19x1 lm										
NAME: BO S-15W-940-12D					TYPE:Downlight			SERIAL No.:		
SPEC.:4000K					DIM.: $\phi 82\text{mm} \times H77\text{mm}$					
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	14.2	14.9	14.4	15.0	15.2	15.0	15.7	15.2	15.9	16.0
3H	14.6	15.3	14.9	15.5	15.7	15.3	16.0	15.6	16.2	16.4
4H	15.0	15.6	15.3	15.8	16.1	15.5	16.2	15.8	16.4	16.6
6H	15.5	16.1	15.8	16.3	16.6	15.7	16.3	16.0	16.5	16.8
8H	15.7	16.3	16.0	16.5	16.8	15.7	16.3	16.0	16.5	16.8
12H	15.8	16.4	16.2	16.7	16.9	15.6	16.2	16.0	16.5	16.7
4H 2H	14.2	14.9	14.5	15.1	15.3	15.0	15.7	15.3	15.9	16.1
3H	14.9	15.5	15.2	15.7	16.0	15.5	16.1	15.8	16.3	16.6
4H	15.4	15.9	15.8	16.2	16.5	15.8	16.4	16.2	16.7	17.0
6H	16.1	16.6	16.5	16.9	17.2	16.1	16.5	16.4	16.9	17.2
8H	16.4	16.8	16.8	17.2	17.5	16.1	16.5	16.5	16.9	17.2
12H	16.6	17.0	17.0	17.4	17.8	16.0	16.4	16.4	16.8	17.2
8H 4H	15.6	16.0	15.9	16.3	16.7	15.9	16.4	16.3	16.7	17.1
6H	16.4	16.7	16.8	17.1	17.5	16.2	16.6	16.7	17.0	17.4
8H	16.7	17.0	17.2	17.5	17.9	16.3	16.6	16.7	17.0	17.4
12H	17.0	17.3	17.5	17.7	18.2	16.2	16.5	16.7	17.0	17.4
12H 4H	15.5	15.9	15.9	16.3	16.7	15.9	16.3	16.3	16.7	17.1
6H	16.4	16.7	16.8	17.1	17.5	16.3	16.6	16.7	17.0	17.4
8H	16.7	17.0	17.2	17.4	17.9	16.3	16.6	16.7	17.0	17.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.9 / - 1.1					+ 1.5 / - 1.9				
1.5H	+ 1.9 / - 1.2					+ 3.0 / - 2.1				
2.0H	+ 1.1 / - 0.6					+ 2.3 / - 0.9				

CIE Pub.117 Corrected 1133 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.4)

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$\gamma$  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:

## UTILIZATION FACTORS TABLE

Test:U:220.8V I:0.0728A P:14.75W PF:0.9171 Lamp Flux:1133.19x1 lm		
NAME: BO S-15W-940-12D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: $\varnothing 82\text{mm} \times H77\text{mm}$	
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	88	82	78	87	82	78	75
0.80	95	90	86	95	89	86	94	89	86	82
1.00	100	94	91	99	94	90	97	94	90	86
1.25	103	98	95	102	98	95	100	97	94	90
1.50	106	101	98	105	101	98	103	99	97	92
2.00	109	105	101	107	103	101	105	102	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.: $\phi$ 82mm*H77mm	
MFR.:		

Conical surface Flux(90deg):

1091.3 lm

%lum = 96.3%

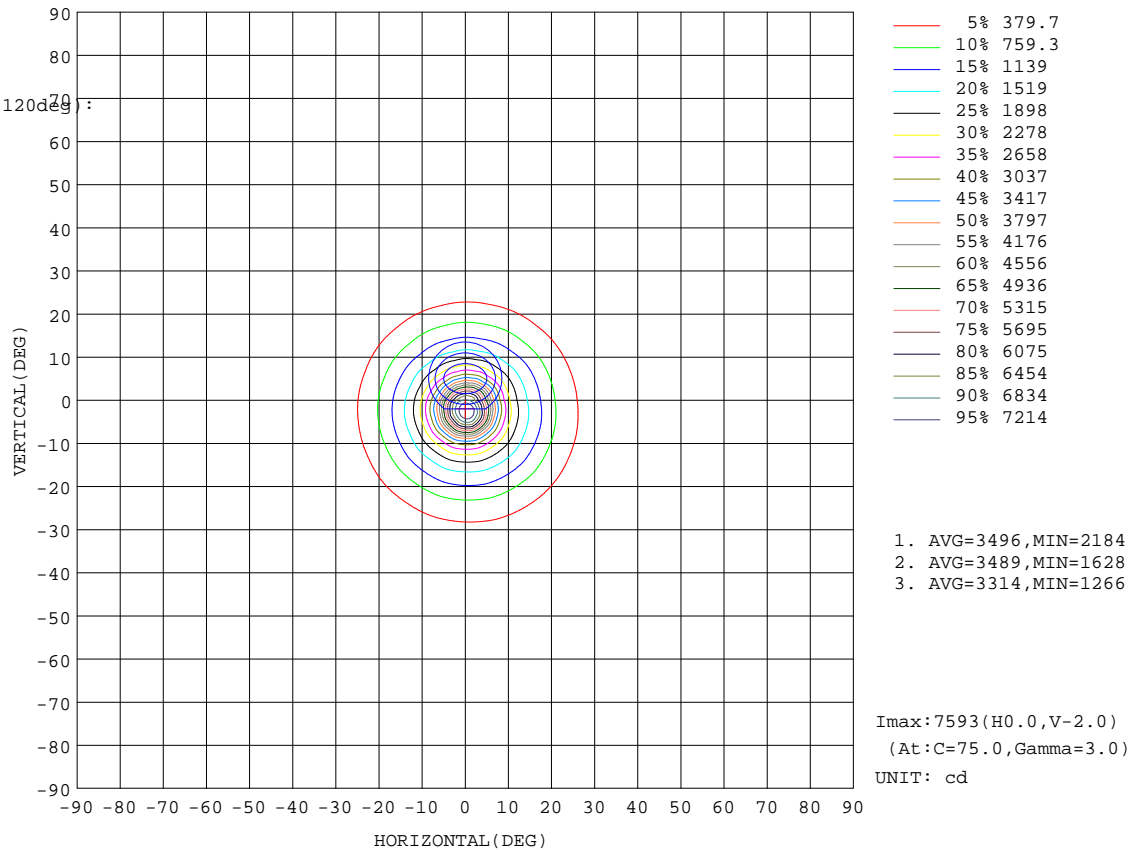
%lamp = 96.3%

Conical surface Flux(120deg):

1114.9 lm

%lum = 98.4%

%lamp = 98.4%



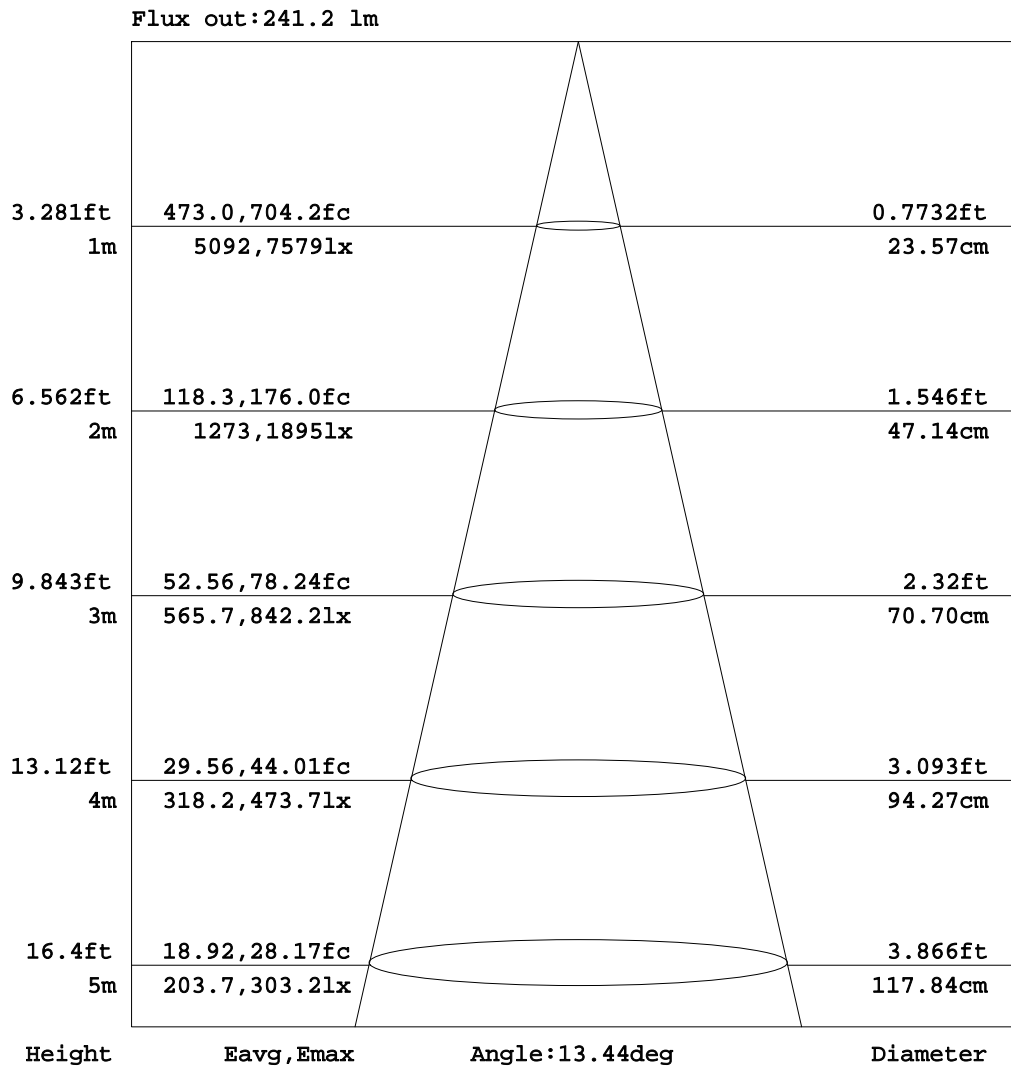
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## AAI Figure

Test:U:220.8V I:0.0728A P:14.75W PF:0.9171 Lamp Flux:1133.19x1 lm		
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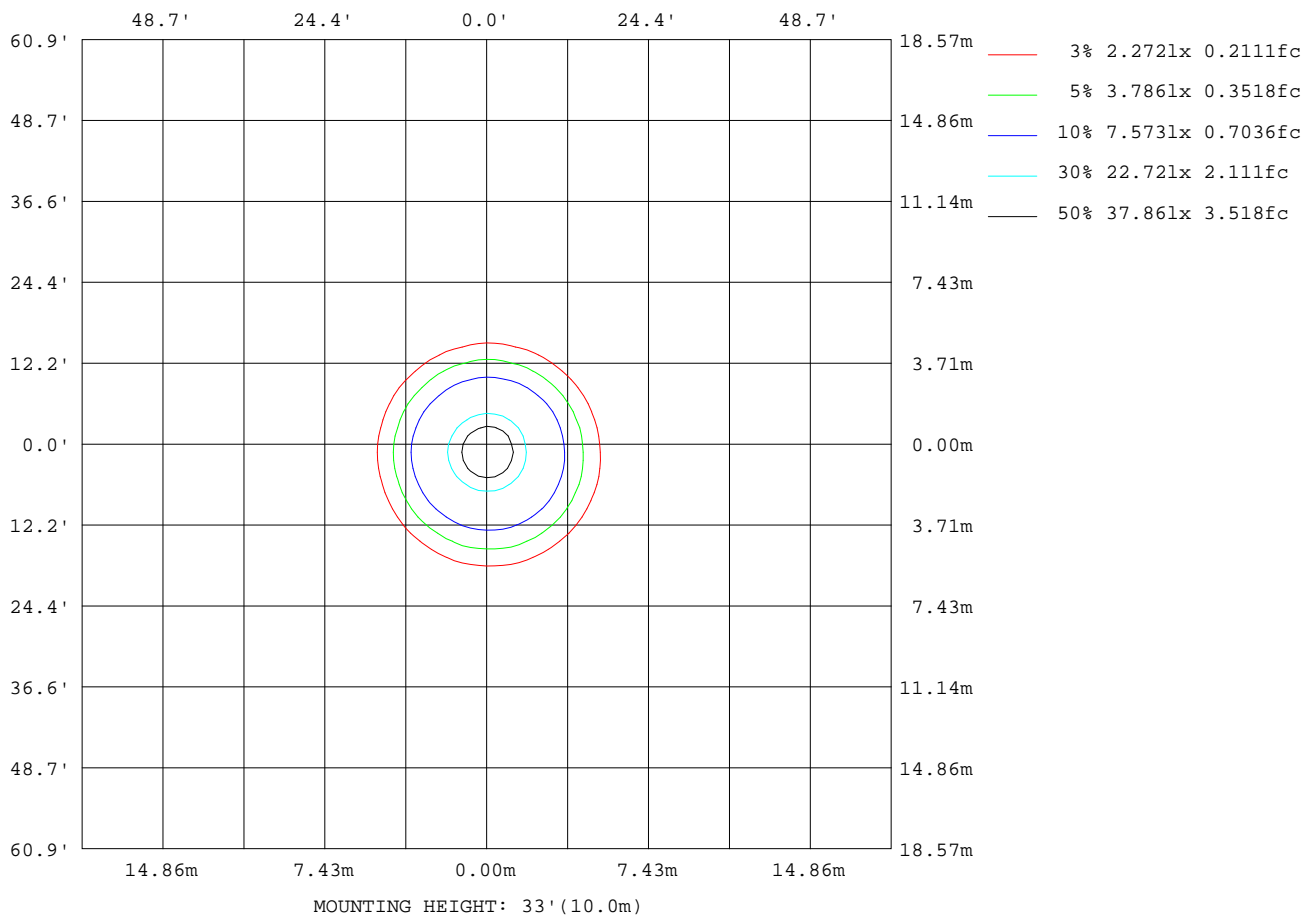
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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## ISOLUX DIAGRAM

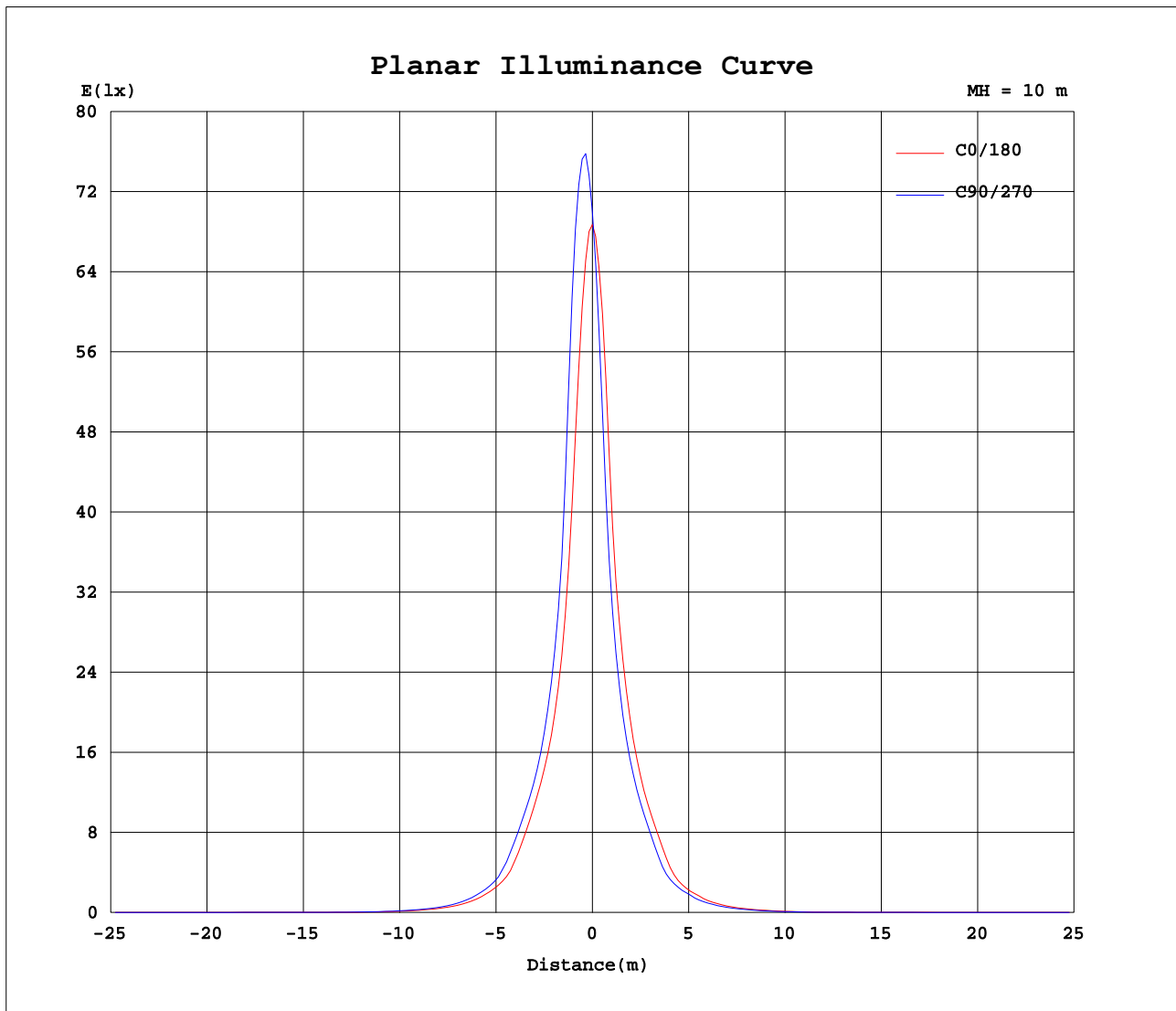
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## Planar Illuminance Curve



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Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
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## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.8V I:0.0728A P:14.75W PF:0.9171 Lamp Flux:1133.19x1 lm		
NAME: BO S-15W-940-12D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: φ82mm*H77mm	
MFR.:		

UNIT: cd

[illegible]

```

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γ Interval: 1.0DEG
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Test Distance:5.850m [K=1.0000]
Remarks:

```

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.8V I:0.0728A P:14.75W PF:0.9171 Lamp Flux:1133.19x1 lm		
NAME: BO S-15W-940-12D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: φ82mm*H77mm	
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: 2017-07-31

```

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	6873	6893	6935	6915	6968	6932	6993	6965	7023	7009
3.0	6073	6462	6806	7198	7450	7597	7557	7445	7197	6963
6.0	4139	4643	5063	5677	6009	6353	6247	6079	5604	5242
9.0	2665	2934	3121	3405	3552	3753	3674	3657	3404	3261
12.0	1896	2050	2177	2345	2413	2494	2463	2451	2316	2238
15.0	1434	1547	1626	1729	1765	1804	1774	1758	1669	1616
18.0	1074	1171	1240	1320	1344	1365	1343	1326	1258	1212
21.0	739.2	826.1	891.0	966.8	992.5	1020	998.7	981.5	915.0	867.8
24.0	472.2	527.8	587.2	638.6	663.1	686.8	664.9	646.8	596.7	550.0
27.0	339.2	371.5	393.6	421.4	433.7	446.5	434.2	420.8	389.0	369.4
30.0	241.1	268.6	289.2	309.9	316.4	322.0	313.1	306.7	288.6	273.8
33.0	169.1	186.6	199.2	214.4	221.0	225.1	218.2	213.2	198.1	186.2
36.0	117.0	130.1	136.9	147.6	151.5	155.7	151.4	148.6	137.9	131.3
39.0	82.42	90.03	95.11	101.0	103.8	106.8	104.3	102.1	96.39	91.59
42.0	56.64	62.35	66.56	70.40	72.37	74.82	73.27	71.70	68.39	64.84
45.0	37.59	41.69	44.58	47.88	49.14	50.97	49.85	49.37	46.74	44.58
48.0	24.19	27.18	29.38	31.87	32.68	33.66	32.99	33.00	31.32	29.72
51.0	16.04	17.57	19.00	20.69	21.09	21.16	21.23	20.98	19.72	18.41
54.0	13.71	13.85	14.10	14.72	14.39	13.79	14.01	13.66	13.69	13.48
57.0	14.58	14.68	14.46	13.91	13.30	13.15	13.27	13.22	13.36	13.39
60.0	14.11	14.34	14.19	13.85	13.66	13.33	13.57	13.60	13.41	13.43
63.0	12.42	13.14	13.18	12.83	12.19	12.19	12.31	12.34	12.27	12.41
66.0	10.48	10.66	10.75	10.73	10.37	10.28	10.26	10.23	10.05	10.17
69.0	8.878	9.170	9.162	9.231	9.085	9.112	9.020	8.930	8.681	8.739
72.0	7.988	7.982	7.784	7.824	7.744	7.663	7.480	7.470	7.464	7.427
75.0	7.627	7.232	6.969	6.894	6.791	6.518	6.289	6.352	6.476	6.540
78.0	7.080	6.537	6.048	5.574	4.985	4.750	4.595	4.697	4.801	5.159
81.0	5.461	5.160	4.051	3.348	2.965	2.795	2.578	2.687	2.773	3.094
84.0	3.649	3.037	1.766	0.7479	0.6919	0.8582	0.9404	0.8105	0.5857	0.5767
87.0	1.472	0.6713	0.6247	1.297	1.926	2.416	2.752	2.477	1.966	1.267
90.0	0.0634	0.0656	0.0656	0.0787	0.9139	1.154	1.244	1.078	0.7368	0.0875
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	7043	7042	6893	6935	6915	6968	6932	6993	6965	6965
3.0	6645	6397	6004	5660	5442	5124	5052	4892	5006	5027
6.0	4670	4314	3921	3554	3371	3139	3082	2994	3052	3067
9.0	3009	2845	2625	2403	2274	2127	2080	2016	2046	2065
12.0	2086	1982	1850	1709	1622	1519	1501	1446	1477	1478
15.0	1513	1454	1354	1256	1195	1127	1109	1079	1094	1101
18.0	1131	1074	1009	922.8	864.3	796.3	777.3	749.7	767.0	775.0
21.0	790.0	730.4	671.3	599.4	547.2	497.5	480.8	463.5	473.0	477.2
24.0	489.7	452.3	421.0	382.5	362.0	338.0	331.6	324.1	331.6	335.7
27.0	340.8	318.6	300.2	285.4	276.2	259.8	251.5	242.2	245.3	246.9
30.0	249.1	231.0	216.0	195.4	185.5	173.9	169.5	164.7	168.2	170.0
33.0	169.2	158.7	151.2	139.8	133.4	124.4	120.4	117.2	118.9	120.6
36.0	119.0	111.2	106.1	98.69	93.80	88.54	85.81	83.57	84.69	85.45
39.0	84.21	79.16	75.89	70.57	66.98	63.63	61.62	59.28	60.27	60.50
42.0	59.91	56.49	54.16	49.88	47.10	43.64	42.19	40.30	40.85	41.15
45.0	40.60	38.21	36.62	33.77	31.87	28.83	27.50	26.02	26.57	26.90
48.0	26.59	24.71	23.48	21.49	19.84	17.93	17.26	16.48	16.86	17.14
51.0	16.65	16.16	16.00	14.88	13.97	13.26	12.86	13.03	13.28	13.23
54.0	12.95	13.03	13.17	13.24	13.27	13.32	13.38	13.54	13.90	13.81
57.0	13.42	13.56	13.73	13.70	13.35	13.21	13.18	13.04	13.16	13.13
60.0	13.34	13.21	13.10	12.95	12.61	12.30	11.96	11.60	11.68	11.51
63.0	12.19	12.04	12.01	11.52	10.85	10.16	9.816	9.650	9.714	9.840
66.0	10.29	10.29	10.18	9.738	9.263	8.572	8.261	8.041	8.047	8.129
69.0	8.557	8.613	8.456	8.130	7.802	7.537	7.399	7.237	7.232	7.267
72.0	7.351	7.565	7.674	7.399	7.076	6.941	6.854	6.507	6.379	6.531
75.0	6.573	6.906	7.352	6.965	6.514	5.917	5.170	4.769	4.750	4.896
78.0	5.602	6.115	6.757	6.029	4.989	3.904	3.362	2.941	2.874	3.055
81.0	3.663	4.614	5.238	4.210	2.880	1.562	0.6108	0.3253	0.3795	0.4505
84.0	1.462	1.413	3.471	0.9878	0.3550	0.1096	0.0896	0.1180	0.0984	0.1159
87.0	0.6222	0.3479	1.313	0.1273	0.0568	0.0832	0.0699	0.0942	0.0742	0.0942
90.0	0.0634	0.0678	0.0503	0.0700	0.0525	0.0547	0.0503	0.0525	0.0503	0.0525
G/C	300.0	315.0	330.0	345.0						
0.0	7023	7009	7043	7042						
3.0	5288	5437	5761	5968						
6.0	3241	3366	3683	3943						
9.0	2180	2261	2419	2548						
12.0	1560	1626	1741	1818						
15.0	1158	1205	1303	1366						
18.0	827.6	867.7	949.6	1011						
21.0	509.2	555.5	612.0	672.8						

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.3DEG

Operators: Meng Yongjian

Test Date: 2017-07-31

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	352.8	367.8	399.9	431.5
27.0	260.3	270.4	293.3	313.0
30.0	178.9	188.1	205.9	220.8
33.0	127.5	132.3	145.0	155.4
36.0	88.99	93.36	100.9	107.9
39.0	63.47	66.53	71.12	75.80
42.0	43.81	45.58	49.13	51.94
45.0	29.05	30.32	32.73	34.54
48.0	18.21	19.10	20.81	22.17
51.0	13.32	13.62	14.58	15.24
54.0	13.74	13.93	13.62	13.55
57.0	13.36	13.78	14.25	14.52
60.0	11.99	12.59	13.19	13.71
63.0	10.17	10.39	10.90	11.59
66.0	8.425	8.852	9.600	10.12
69.0	7.484	7.749	8.051	8.458
72.0	6.856	6.966	7.204	7.614
75.0	5.391	6.167	6.585	7.068
78.0	3.544	4.286	5.264	6.193
81.0	0.8818	2.001	3.210	4.441
84.0	0.0940	0.1185	0.6686	2.416
87.0	0.0655	0.0897	0.0612	0.2466
90.0	0.0503	0.0525	0.0503	0.0722

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-07-31

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: