
LED Tracklight BO Series LE-BO
L-42W-930-40D



Light Output Ratio:	100.0%	
Luminaire Power:	41.25 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.55	fine grid method.

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

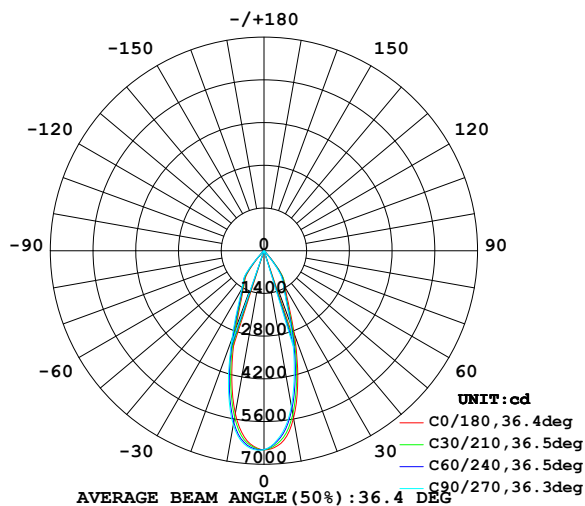
γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

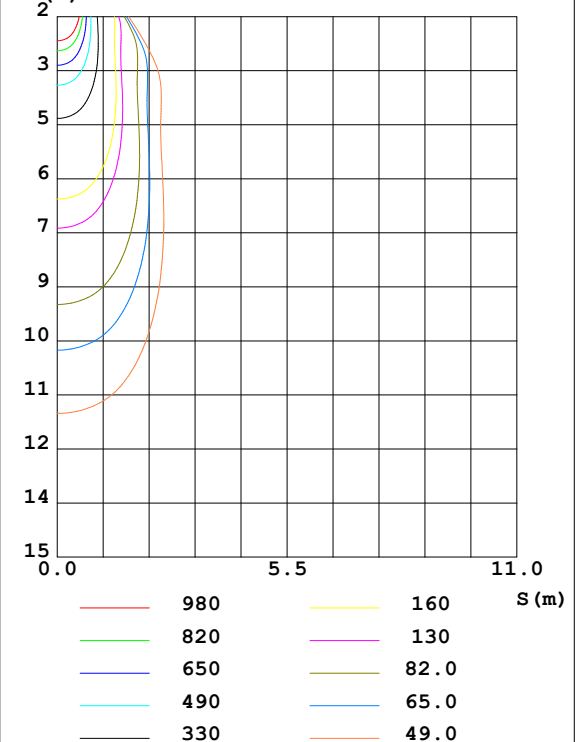
Test:U:220.6V I:0.1988A P:41.25W PF:0.9562 Lamp Flux:3398.42x1 lm		
NAME: BO L-42W-930-40D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: ϕ 128mm*H120mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 82.38 lm/W			
MODEL	CITIZEN-3000K	I _{max} (cd)	6541	S/MH (C0/180)	0.59
NOMINAL POWER (W)	42	LOR (%)	100.0	S/MH (C90/270)	0.63
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	3398.4	η UP, DN (C0-180)	0.0, 47.3
NOMINAL FLUX (lm)	3398.42	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 52.7
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	0.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



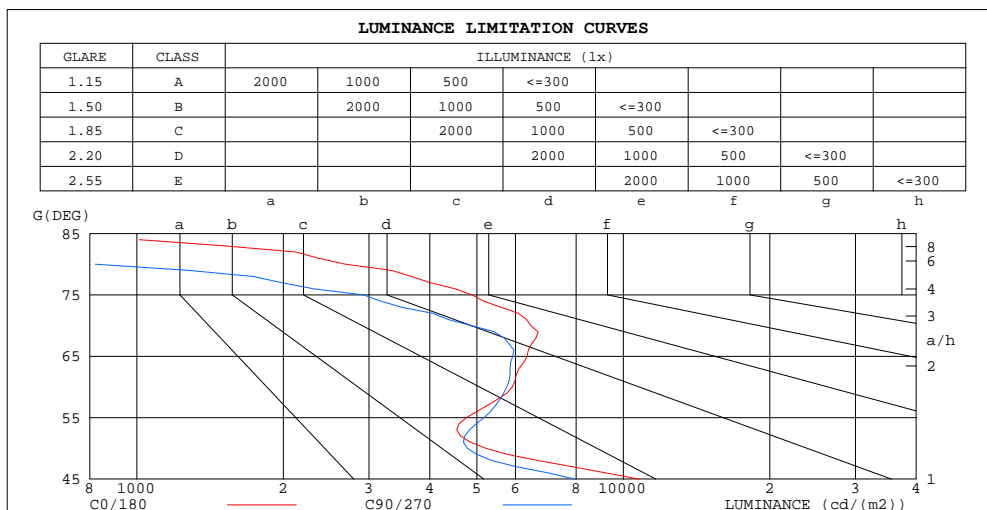
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-08-03

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	5578	5380	5173	5241	5418	5592	5795	5762	0- 10	575.1	575.1	16.9,16.9
20	2902	2723	2535	2559	2700	2861	3074	3090	10- 20	1141	1716	50.5,50.5
30	1399	1292	1252	1278	1332	1382	1469	1405	20- 30	865.5	2581	76,76
40	521.6	415.6	297.4	316.4	416.4	559.1	696.8	658.3	30- 40	627.9	3209	94.4,94.4
50	43.18	38.72	39.53	37.83	39.42	38.93	43.26	46.72	40- 50	108.5	3318	97.6,97.6
60	38.02	36.12	37.05	36.44	37.64	37.11	35.48	37.28	50- 60	32.68	3350	98.6,98.6
70	28.39	25.43	21.47	24.60	27.49	27.52	26.27	28.89	60- 70	32.57	3383	99.5,99.5
80	5.993	3.685	1.833	3.005	5.202	4.439	4.129	4.829	70- 80	14.56	3397	100,100
90	0.2340	0.2318	0.2318	0.2318	0.1377	0.1377	0.1377	0.1399	80- 90	1.074	3398	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		



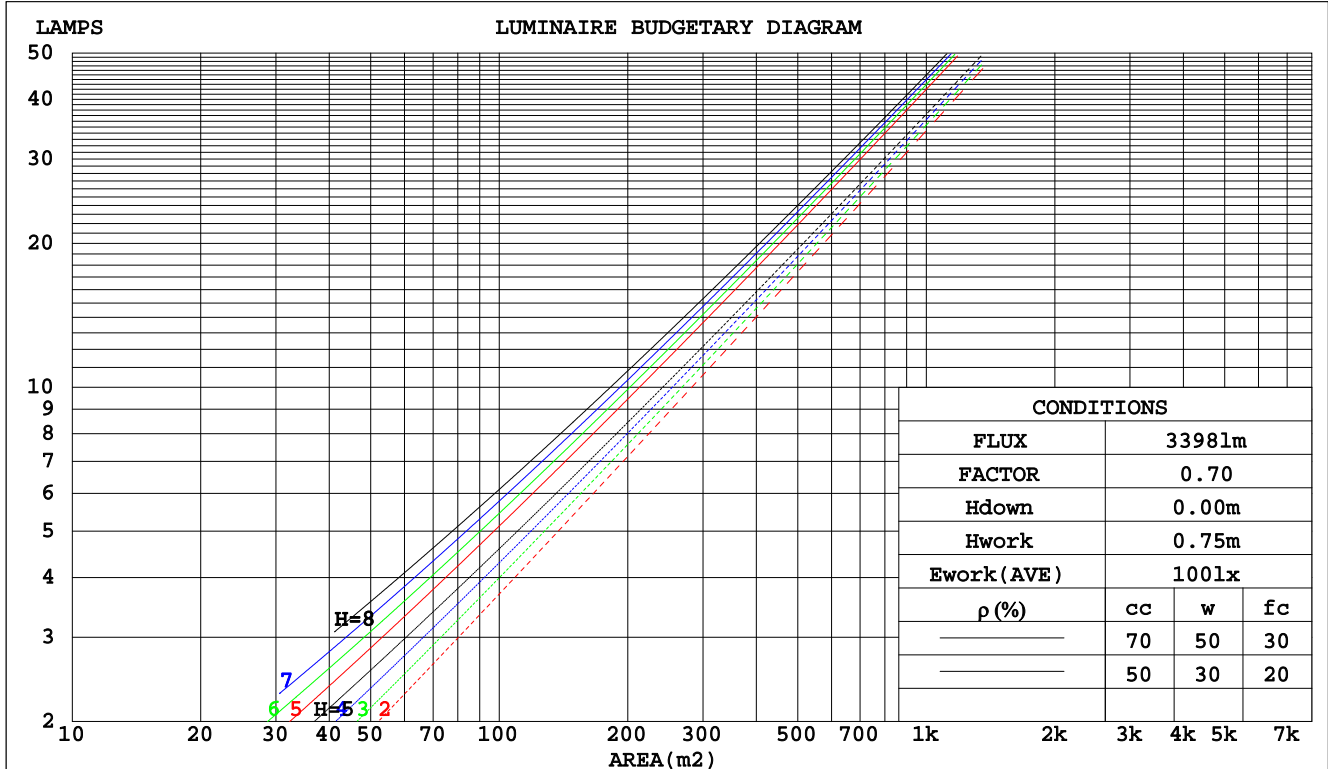
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2017-08-03

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.6V I:0.1988A P:41.25W PF:0.9562 Lamp Flux:3398.42x1 lm		
NAME: BO L-42W-930-40D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: ϕ 128mm*H120mm	
MFR.:		

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{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	.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	.92	.90	.88
3.0	.98	.93	.89	.96	.92	.88	.94	.90	.87	.91	.88	.86	.89	.87	.84	.83
4.0	.92	.87	.83	.91	.86	.82	.89	.85	.81	.87	.83	.80	.85	.82	.79	.78
5.0	.87	.81	.77	.86	.81	.77	.84	.80	.76	.82	.79	.76	.81	.78	.75	.74
6.0	.82	.77	.73	.81	.76	.72	.80	.75	.72	.78	.74	.71	.77	.74	.71	.70
7.0	.78	.72	.68	.77	.72	.68	.76	.71	.68	.75	.71	.68	.74	.70	.67	.66
8.0	.74	.68	.65	.73	.68	.65	.72	.68	.64	.71	.67	.64	.70	.67	.64	.63
9.0	.70	.65	.61	.70	.65	.61	.69	.64	.61	.68	.64	.61	.67	.64	.61	.59
10.0	.67	.62	.58	.67	.62	.58	.66	.61	.58	.65	.61	.58	.65	.61	.58	.57



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:

WEC AND CCEC

Test:U:220.6V I:0.1988A P:41.25W PF:0.9562 Lamp Flux:3398.42x1 lm		
NAME: BO L-42W-930-40D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: ϕ 128mm*H120mm	
MFR.:		

ρ_{cc}	80%			70%			50%			30%			10%			0	
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρ_{fc}	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.170	.097	.031	.163	.093	.030	.151	.087	.028	.139	.080	.026	.129	.075	.024		
2.0	.162	.089	.027	.156	.086	.026	.146	.081	.025	.136	.076	.024	.127	.072	.023		
3.0	.153	.081	.024	.148	.079	.024	.139	.076	.023	.131	.072	.022	.124	.068	.021		
4.0	.145	.075	.022	.141	.074	.022	.133	.071	.021	.126	.068	.020	.120	.065	.020		
5.0	.138	.070	.020	.134	.069	.020	.128	.066	.020	.121	.064	.019	.116	.062	.019		
6.0	.131	.066	.019	.128	.065	.019	.122	.063	.018	.117	.061	.018	.112	.059	.017		
7.0	.125	.062	.018	.122	.061	.017	.117	.059	.017	.112	.058	.017	.108	.056	.016		
8.0	.120	.058	.016	.117	.058	.016	.113	.056	.016	.108	.055	.016	.104	.054	.016		
9.0	.114	.055	.015	.112	.055	.015	.108	.054	.015	.104	.052	.015	.101	.051	.015		
10.0	.110	.053	.015	.108	.052	.015	.104	.051	.014	.101	.050	.014	.097	.049	.014		

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{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	.013	.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	.096	.058	.032	.083	.050	.028	.058	.035	.020	.034	.021	.012	.011	.007	.004	
10.0	.092	.054	.028	.079	.047	.025	.055	.033	.018	.032	.019	.010	.010	.006	.003	

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:

UGR(Unified Glare Rating) Table

Test:U:220.6V I:0.1988A P:41.25W PF:0.9562 Lamp Flux:3398.42x1 lm										
NAME: BO L-42W-930-40D					TYPE:Downlight			SERIAL No.:		
SPEC.:3000K					DIM.: ϕ 128mm*H120mm					
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	18.8	19.6	19.0	19.8	20.0	18.1	19.0	18.3	19.1	19.3
3H	18.8	19.6	19.1	19.8	20.0	18.1	18.9	18.4	19.1	19.3
4H	18.9	19.6	19.1	19.8	20.1	18.1	18.9	18.4	19.1	19.3
6H	18.8	19.5	19.1	19.8	20.0	18.0	18.7	18.3	19.0	19.2
8H	18.8	19.5	19.1	19.7	20.0	18.0	18.7	18.3	18.9	19.2
12H	18.7	19.4	19.1	19.7	19.9	17.9	18.6	18.2	18.9	19.1
4H 2H	18.6	19.4	18.9	19.6	19.8	17.9	18.7	18.2	18.9	19.1
3H	18.8	19.4	19.1	19.7	20.0	18.1	18.7	18.4	19.0	19.3
4H	18.8	19.4	19.1	19.7	20.0	18.0	18.6	18.4	18.9	19.3
6H	18.8	19.3	19.2	19.6	20.0	18.0	18.5	18.3	18.8	19.2
8H	18.7	19.2	19.1	19.6	20.0	17.9	18.4	18.3	18.8	19.1
12H	18.7	19.1	19.1	19.5	19.9	17.9	18.3	18.3	18.7	19.1
8H 4H	18.7	19.2	19.1	19.6	19.9	18.0	18.5	18.3	18.8	19.2
6H	18.7	19.1	19.1	19.5	19.9	17.9	18.3	18.3	18.7	19.1
8H	18.6	19.0	19.1	19.4	19.9	17.8	18.2	18.3	18.6	19.0
12H	18.6	18.9	19.1	19.3	19.8	17.8	18.1	18.2	18.5	19.0
12H 4H	18.7	19.1	19.1	19.5	19.9	17.9	18.4	18.3	18.7	19.1
6H	18.6	19.0	19.1	19.4	19.8	17.8	18.2	18.3	18.6	19.0
8H	18.6	18.9	19.1	19.3	19.8	17.8	18.1	18.2	18.5	19.0
Variations with the observer position at spacings:										
S = 1.0H	+ 3.6 / - 5.5					+ 3.3 / - 4.8				
1.5H	+ 6.2 / - 5.7					+ 5.9 / - 5.3				
2.0H	+ 1.9 / - 0.6					+ 0.8 / - 0.9				

CIE Pub.117 Corrected 3398 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.3)

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:

UTILIZATION FACTORS TABLE

Test:U:220.6V I:0.1988A P:41.25W PF:0.9562 Lamp Flux:3398.42x1 lm		
NAME: BO L-42W-930-40D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	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	88	82	78	87	81	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	101	97	94	90
1.50	106	101	98	105	101	98	103	99	97	92
2.00	109	105	101	107	104	101	105	102	99	94
2.50	110	107	104	109	105	103	106	103	101	95
3.00	112	109	106	110	107	105	107	104	103	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		

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:

ISOCANDELA DIAGRAM

Test:U:220.6V I:0.1988A P:41.25W PF:0.9562 Lamp Flux:3398.42x1 lm		
NAME: BO L-42W-930-40D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: ϕ 128mm*H120mm	
MFR.:		

Conical surface Flux(90deg):

3294 lm

%lum = 96.9%

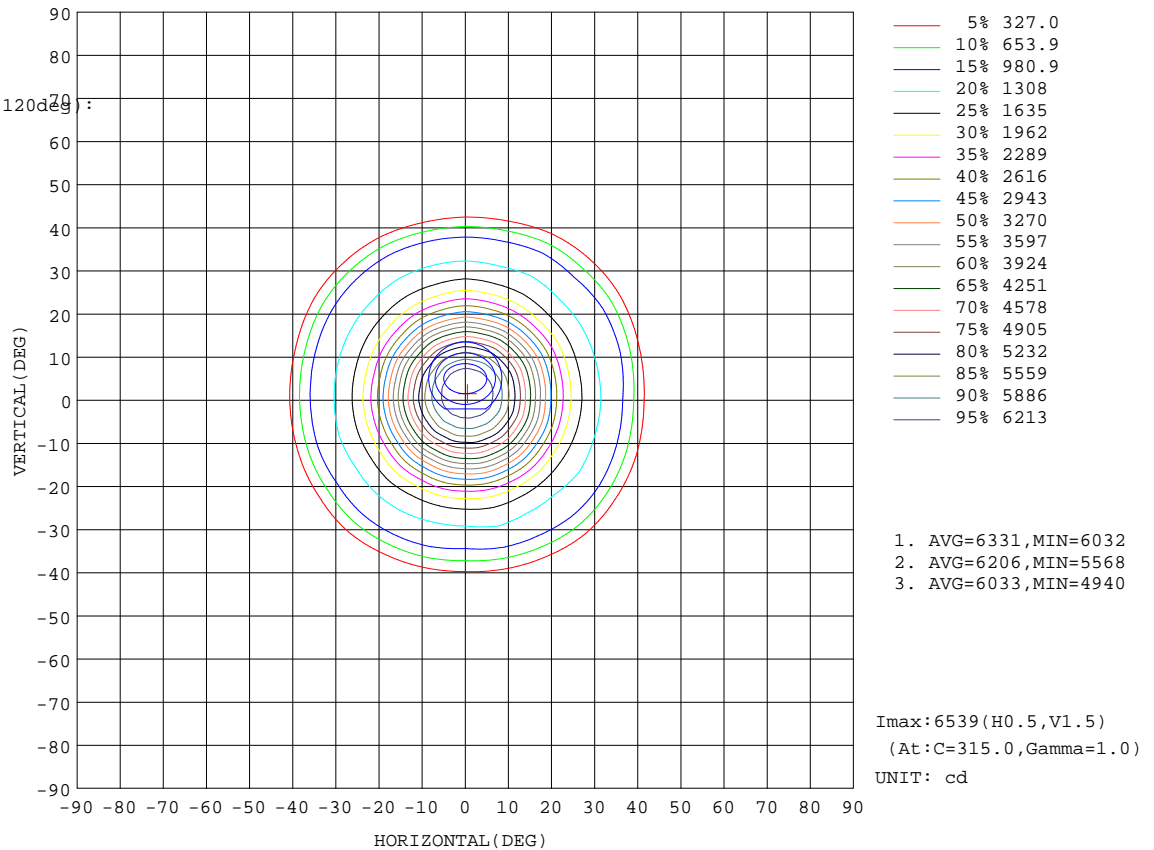
%lamp = 96.9%

Conical surface Flux(120deg):

3350.2 lm

%lum = 98.6%

%lamp = 98.6%

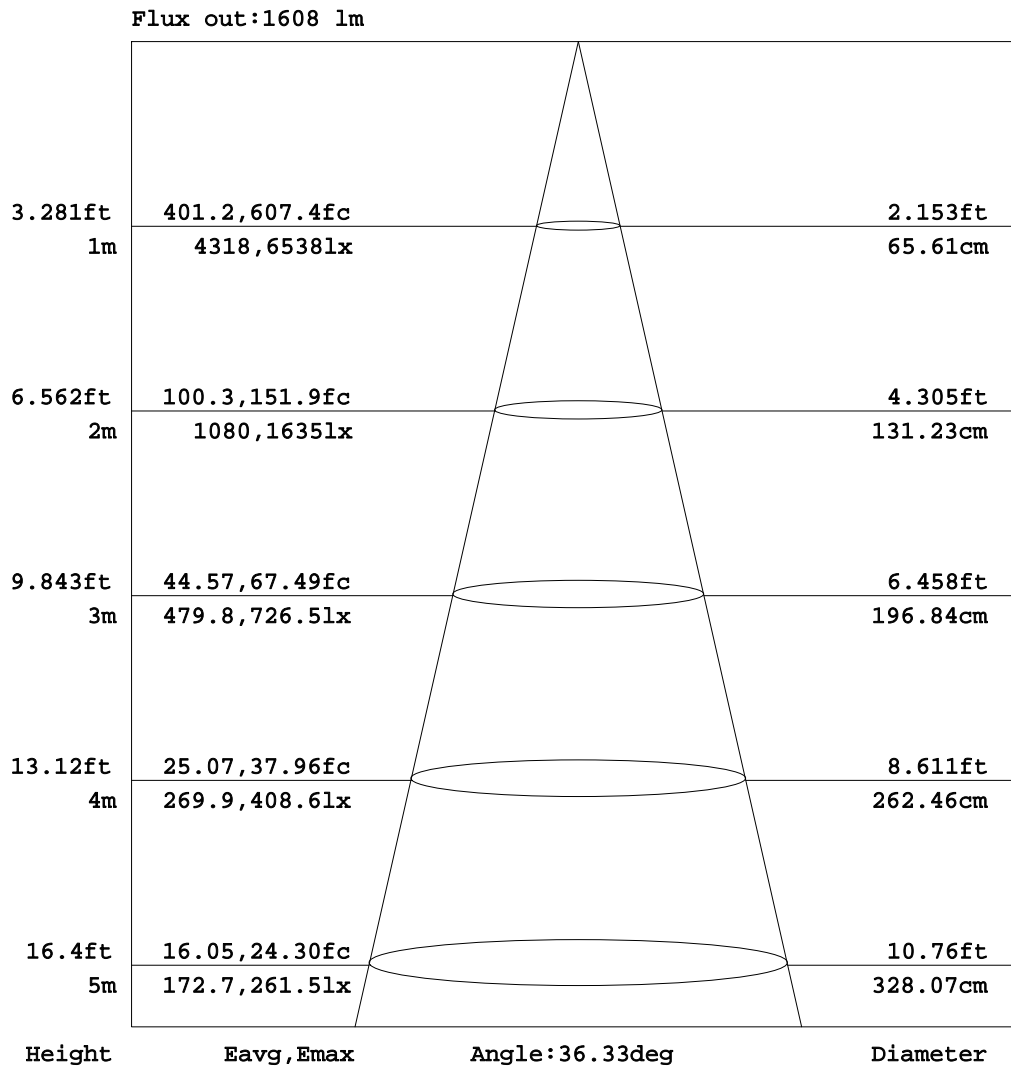


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-08-03

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:

AAI Figure

Test:U:220.6V I:0.1988A P:41.25W PF:0.9562 Lamp Flux:3398.42x1 lm		
NAME: BO L-42W-930-40D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: ϕ 128mm*H120mm	
MFR.:		



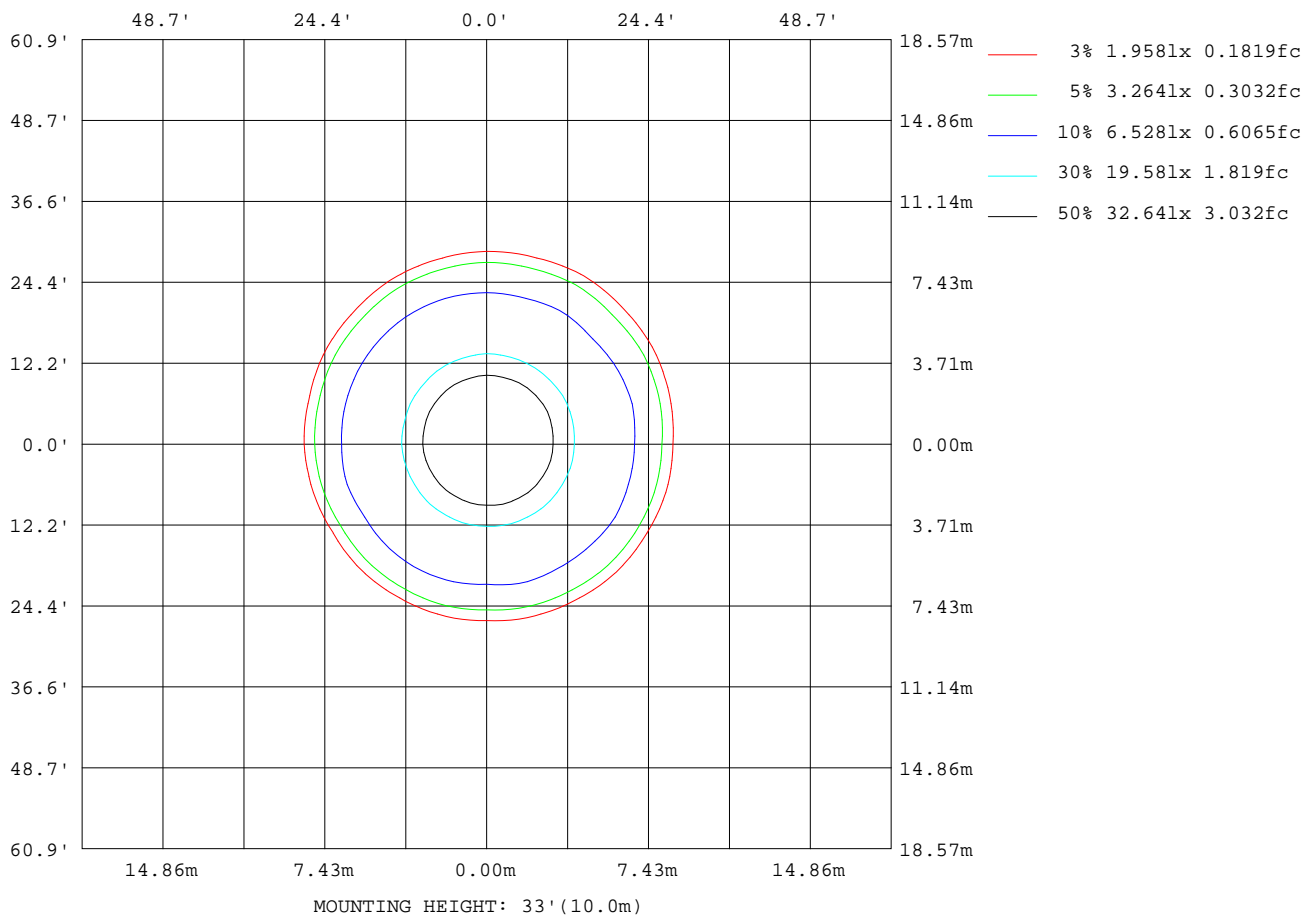
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators: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:

ISOLUX DIAGRAM

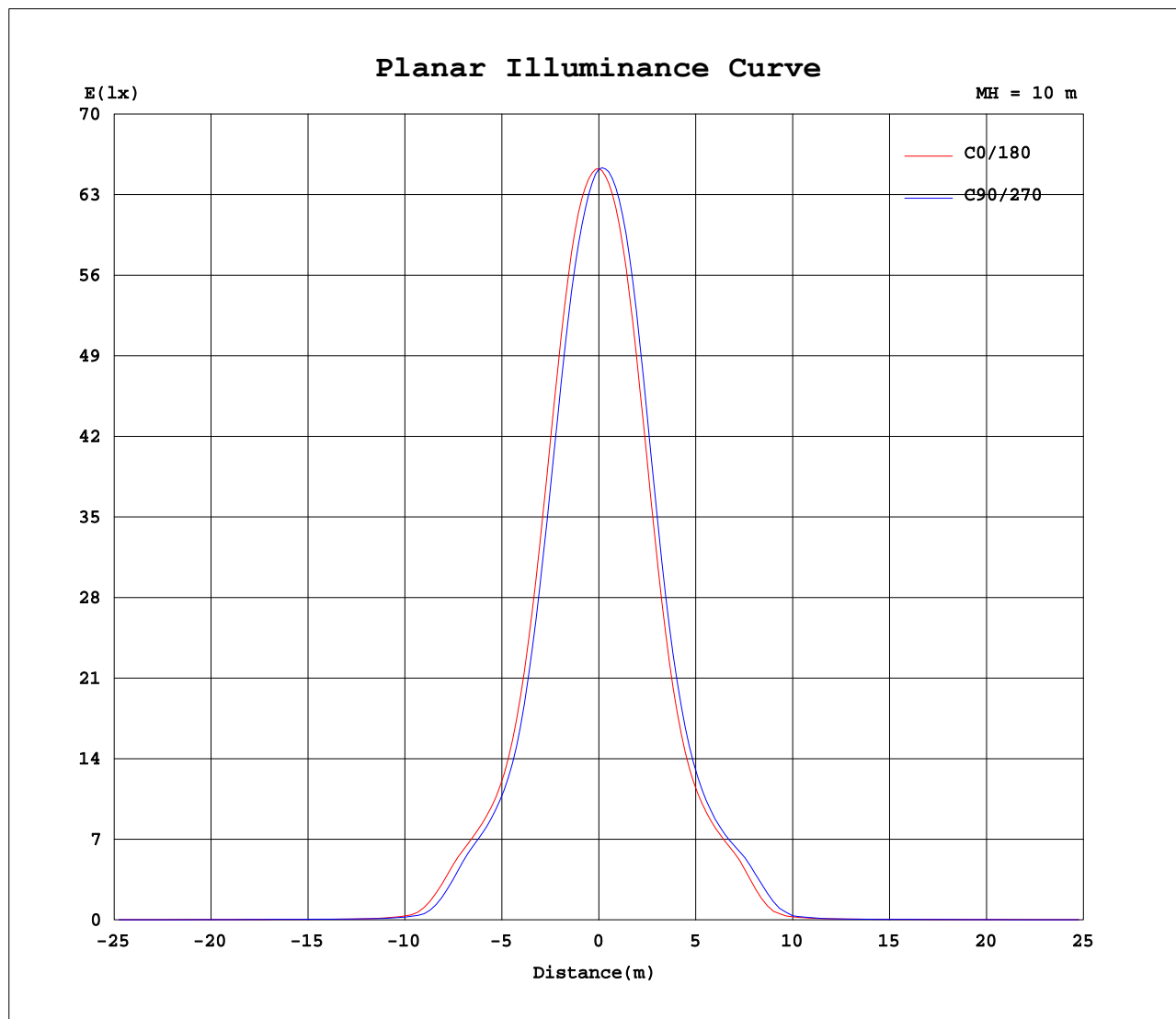
Test:U:220.6V I:0.1988A P:41.25W PF:0.9562 Lamp Flux:3398.42x1 lm		
NAME: BO L-42W-930-40D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: ϕ 128mm*H120mm	
MFR.:		



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:

Planar Illuminance Curve



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:0.1988A P:41.25W PF:0.9562 Lamp Flux:3398.42x1 lm		
NAME: BO L-42W-930-40D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: φ128mm*H120mm	
MFR.:		

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

```

Range: 0 - 90DEG
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:0.1988A P:41.25W PF:0.9562 Lamp Flux:3398.42x1 lm		
NAME: BO L-42W-930-40D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	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	6528	6526	6525	6525	6522	6524	6521	6524	6520	6529
3.0	6463	6442	6406	6386	6350	6343	6324	6338	6332	6368
6.0	6243	6220	6145	6094	6024	6000	5965	5981	5971	6025
9.0	5786	5761	5653	5599	5495	5468	5409	5434	5403	5478
12.0	5102	5071	4953	4895	4780	4740	4662	4665	4637	4721
15.0	4276	4255	4141	4091	3972	3925	3831	3836	3803	3884
18.0	3428	3408	3295	3252	3143	3102	3021	3022	2987	3048
21.0	2656	2623	2526	2490	2403	2368	2308	2315	2289	2340
24.0	2046	1984	1914	1885	1837	1827	1786	1779	1772	1815
27.0	1640	1597	1553	1511	1496	1514	1470	1467	1464	1492
30.0	1399	1370	1352	1292	1283	1311	1252	1256	1271	1278
33.0	1220	1204	1211	1158	1138	1146	1085	1112	1126	1127
36.0	1030	1023	1016	970.5	898.2	871.0	807.0	840.0	840.3	857.4
39.0	661.7	644.6	591.3	558.7	488.7	458.8	414.8	428.0	420.2	448.4
42.0	266.4	248.0	189.2	196.4	145.1	167.5	133.5	141.1	116.3	150.3
45.0	97.98	89.79	76.31	74.35	71.18	74.44	72.22	65.21	67.97	68.70
48.0	57.57	54.50	47.73	47.19	45.59	46.34	46.19	42.65	43.26	44.03
51.0	39.26	38.98	36.64	36.92	37.15	37.38	37.98	35.73	36.12	36.27
54.0	34.73	35.23	35.34	36.01	36.85	36.99	37.70	35.80	35.70	35.68
57.0	36.81	36.91	36.78	36.94	37.89	37.98	38.28	37.05	36.74	36.65
60.0	38.02	37.13	36.22	36.12	36.72	36.69	37.05	36.36	36.12	36.44
63.0	35.63	34.93	34.33	33.94	34.45	34.21	34.15	34.13	34.12	34.53
66.0	33.36	32.95	32.25	32.18	32.05	31.56	31.17	30.88	31.08	31.96
69.0	30.78	30.03	28.55	27.85	26.12	25.44	24.98	24.72	24.87	26.71
72.0	24.17	23.27	21.35	19.76	17.40	16.79	16.13	15.90	16.12	18.18
75.0	16.26	15.54	14.29	12.18	10.63	10.18	9.736	9.674	9.726	10.98
78.0	9.811	9.452	8.454	6.247	5.258	5.007	4.643	4.774	4.863	5.555
81.0	4.740	4.400	3.625	2.192	1.493	1.244	1.066	1.117	1.274	1.787
84.0	1.359	1.219	0.7504	0.4380	0.3406	0.3012	0.3076	0.2709	0.2858	0.3358
87.0	0.3205	0.2774	0.2520	0.2274	0.2406	0.2318	0.2582	0.2317	0.2363	0.2274
90.0	0.2340	0.2296	0.2318	0.2318	0.2318	0.2318	0.2318	0.2318	0.2318	0.2318
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	6525	6528	6528	6526	6525	6525	6524	6522	6521	6524
3.0	6377	6401	6419	6424	6451	6466	6490	6507	6522	6521
6.0	6046	6095	6144	6172	6227	6256	6311	6332	6361	6349
9.0	5493	5566	5634	5670	5760	5796	5906	5934	5979	5971
12.0	4749	4829	4918	4951	5054	5107	5234	5270	5340	5322
15.0	3899	3988	4077	4112	4234	4285	4413	4437	4511	4496
18.0	3051	3133	3223	3252	3368	3420	3529	3546	3629	3612
21.0	2334	2399	2470	2489	2574	2619	2723	2744	2826	2803
24.0	1808	1857	1915	1925	1988	2021	2101	2126	2200	2168
27.0	1486	1529	1557	1575	1611	1639	1683	1701	1760	1723
30.0	1276	1321	1332	1346	1364	1382	1427	1434	1469	1441
33.0	1119	1176	1165	1189	1208	1227	1246	1261	1266	1252
36.0	858.2	943.7	976.8	1011	1051	1079	1111	1120	1119	1116
39.0	436.8	505.3	565.3	601.1	673.7	710.3	781.2	810.8	838.9	828.6
42.0	123.7	171.7	185.9	195.9	241.0	264.6	322.9	344.4	388.4	392.7
45.0	68.05	71.56	79.07	77.23	79.74	80.78	87.79	93.27	104.8	109.5
48.0	42.48	45.93	49.69	49.02	50.98	49.42	50.97	52.87	60.76	62.92
51.0	35.35	36.20	36.99	36.11	37.15	36.32	36.70	37.45	39.41	40.64
54.0	35.23	35.34	35.43	34.69	34.74	34.19	33.51	33.18	33.87	34.57
57.0	36.56	36.91	37.44	37.20	36.75	36.23	35.36	34.76	34.36	34.78
60.0	36.74	36.59	37.64	37.89	37.68	37.11	37.04	36.17	35.48	36.09
63.0	34.70	34.76	35.65	35.91	35.55	35.03	35.16	35.10	34.79	35.13
66.0	32.39	32.74	33.59	33.67	33.60	32.99	32.88	32.24	32.04	32.32
69.0	27.41	28.12	29.85	30.60	31.01	30.53	29.51	28.13	28.18	27.59
72.0	19.57	20.65	22.60	23.29	23.47	22.28	20.78	19.82	20.69	20.32
75.0	12.31	13.58	15.08	15.44	15.55	13.95	12.74	12.14	12.84	12.57
78.0	7.069	8.040	8.716	8.976	8.940	7.324	6.411	6.151	6.537	6.422
81.0	3.063	3.930	4.256	4.269	4.168	2.887	2.333	2.063	2.306	2.208
84.0	0.4884	0.6227	0.9362	0.7695	0.7149	0.4761	0.3459	0.3565	0.3484	0.3592
87.0	0.2341	0.2274	0.1616	0.1822	0.1377	0.1576	0.1399	0.1772	0.1616	0.1772
90.0	0.2274	0.2274	0.1377	0.1421	0.1356	0.1377	0.1377	0.1399	0.1377	0.1377
G/C	300.0	315.0	330.0	345.0						
0.0	6520	6529	6525	6528						
3.0	6519	6510	6504	6484						
6.0	6358	6331	6320	6281						
9.0	5992	5949	5935	5852						
12.0	5368	5313	5290	5177						
15.0	4561	4525	4492	4370						
18.0	3685	3664	3656	3528						
21.0	2842	2824	2834	2732						

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	2165	2134	2161	2088
27.0	1722	1677	1690	1654
30.0	1450	1405	1409	1391
33.0	1272	1233	1237	1243
36.0	1138	1080	1117	1111
39.0	858.0	789.4	814.1	756.1
42.0	432.7	392.9	375.9	310.9
45.0	141.4	114.6	100.7	96.90
48.0	67.05	65.68	58.90	57.04
51.0	42.66	41.89	39.30	38.44
54.0	35.38	35.09	33.84	33.71
57.0	35.42	35.72	34.88	35.41
60.0	36.98	37.28	36.69	37.21
63.0	36.25	36.20	35.28	35.17
66.0	33.13	33.09	32.70	33.27
69.0	29.62	30.95	30.57	30.71
72.0	21.69	23.82	24.15	24.22
75.0	13.62	15.33	16.63	16.37
78.0	7.110	8.173	9.836	9.875
81.0	2.873	3.461	4.525	4.797
84.0	0.3981	0.6150	1.089	1.389
87.0	0.1421	0.1664	0.1637	0.2703
90.0	0.1377	0.1399	0.1377	0.1487

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: