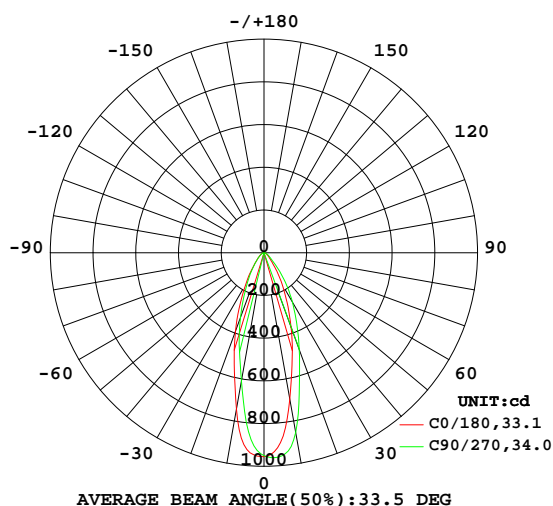


## LUMINAIRE PHOTOMETRIC TEST REPORT

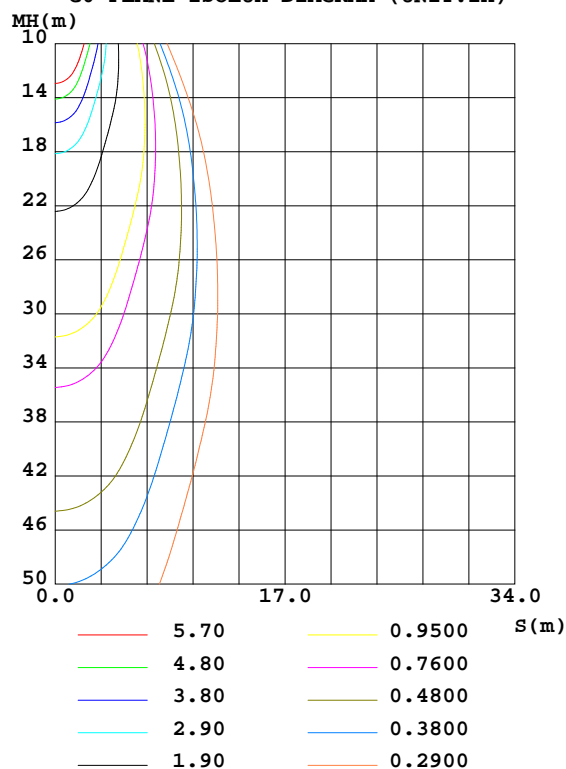
Test:U:12.01V I:0.4647A P:5.579W PF:1.000 Freq:0Hz Lamp Flux:516.14lx1 lm		
NAME: LED Bulb	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: Benory Industrial Co., LTD.	SUR.:	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 92.51 lm/W			
MODEL	BNL-SP05COB-AF-MR16	I <sub>max</sub> (cd)	960.2	S/MH(C0/180)	0.55
NOMINAL POWER(W)	5	LOR(%)	100.0	S/MH(C90/270)	0.45
RATED VOLTAGE(V)	12	TOTAL FLUX(lm)	516.14	η UP,DN(C0-180)	0.0,56.0
NOMINAL FLUX(lm)	516.141	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.2,43.8
LAMPS INSIDE	1	η up(%)	0.2	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	12	η down(%)	99.8	CIBSE SHR MAX	0.60

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:24.5DEG  
Operators:Seth  
Test Date:2016-07-01

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.352  
Humidity:65.7%  
Test Distance:26.000m [K=1.3233]  
Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	696.2	786.6	854.4	829.2	743.6	643.7	608.5	630.7	0- 10	80.16	80.16	15.5,15.5
20	371.8	435.5	483.8	458.2	390.9	339.4	323.3	335.2	10- 20	148.8	228.9	44.4,44.4
30	169.9	216.9	265.5	224.2	171.6	149.1	149.5	147.8	20- 30	126.3	355.3	68.8,68.8
40	61.02	82.57	114.2	88.60	67.96	66.36	65.46	56.79	30- 40	77.26	432.5	83.8,83.8
50	28.97	33.72	41.84	35.05	33.15	32.77	31.82	28.07	40- 50	37.89	470.4	91.1,91.1
60	16.39	18.57	22.83	20.84	18.94	17.07	16.36	15.51	50- 60	22.23	492.6	95.4,95.4
70	8.445	9.635	11.92	11.54	9.875	8.024	7.508	7.908	60- 70	13.33	506.0	98.98
80	3.653	4.461	5.792	5.728	4.171	3.119	2.724	3.121	70- 80	6.874	512.8	99.4,99.4
90	0	0.4078	1.467	1.466	0	0	0	0	80- 90	2.283	515.1	99.8,99.8
100	0	0	0	0	0	0	0	0	90-100	0.0457	515.2	99.8,99.8
110	0	0	0	0	0	0	0	0	100-110	0	515.2	99.8,99.8
120	0	0	0	0	0	0	0	0	110-120	0	515.2	99.8,99.8
130	0	0	0	0	0	0.0664	0.1346	0.0670	120-130	0.0096	515.2	99.8,99.8
140	0	0	0	0	0.2654	0.4666	0.4684	0.4045	130-140	0.0905	515.3	99.8,99.8
150	0	0	0	0	0.9286	1.063	1.132	1.133	140-150	0.2212	515.5	99.9,99.9
160	0.0651	0	0	0.0666	1.459	1.462	1.463	1.398	150-160	0.3079	515.8	99.9,99.9
170	0.8623	0.7298	0.5276	0.4660	1.459	1.462	1.397	1.398	160-170	0.2332	516.0	100,100
180	1.326	1.196	1.064	1.065	1.459	1.262	1.129	1.132	170-180	0.1119	516.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 454.55 lm

%lum = 88.1%

%lamp = 88.1%

Conical surface Flux(120deg): 492.63 lm

%lum = 95.4%

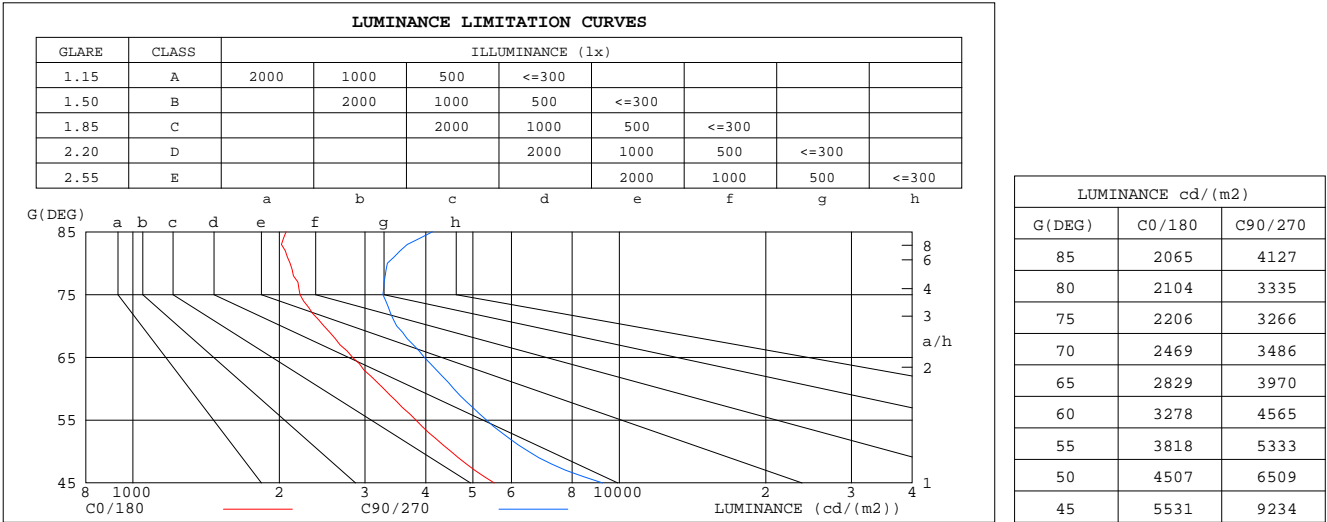
%lamp = 95.4%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.5DEG  
 Operators:Seth  
 Test Date:2016-07-01

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.352  
 Humidity:65.7%  
 Test Distance:26.000m [K=1.3233]  
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:12.01V I:0.4647A P:5.579W PF:1.000 Freq:0Hz Lamp Flux:516.14lx1 lm		
NAME: LED Bulb	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: Benory Industrial Co., LTD.	SUR.:	Shielding Angle:N/A



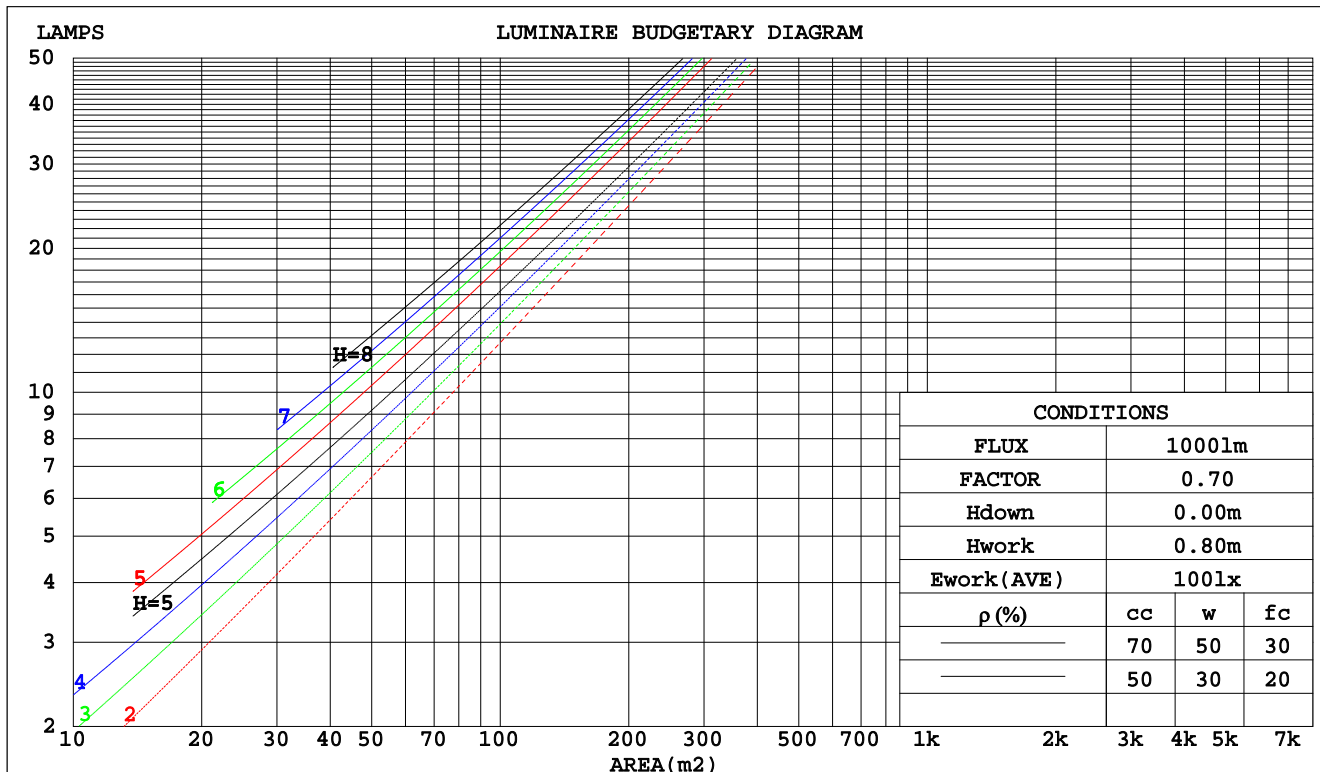
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:24.5DEG  
Operators:Seth  
Test Date:2016-07-01

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.352  
Humidity:65.7%  
Test Distance:26.000m [K=1.3233]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:12.01V I:0.4647A P:5.579W PF:1.000 Freq:0Hz Lamp Flux:516.14lx1 lm		
NAME: LED Bulb	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: Benory Industrial Co., LTD.	SUR.:	Shielding Angle:N/A

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	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	1.10	1.07	1.05	1.08	1.05	1.03	1.04	1.02	.00	.00	.98	.97	.96	.95	.94	.92
2.0	1.02	.97	.94	.00	.96	.93	.97	.93	.91	.94	.91	.89	.91	.89	.87	.85
3.0	.95	.89	.85	.93	.88	.84	.90	.86	.83	.88	.85	.82	.86	.83	.80	.79
4.0	.88	.82	.78	.87	.82	.78	.85	.80	.77	.83	.79	.76	.81	.78	.75	.73
5.0	.83	.77	.72	.82	.76	.72	.80	.75	.71	.78	.74	.71	.77	.73	.70	.68
6.0	.78	.72	.67	.77	.71	.67	.75	.70	.67	.74	.70	.66	.73	.69	.66	.64
7.0	.73	.67	.63	.73	.67	.63	.71	.66	.63	.70	.66	.62	.69	.65	.62	.60
8.0	.69	.63	.59	.69	.63	.59	.68	.63	.59	.67	.62	.59	.66	.62	.58	.57
9.0	.66	.60	.56	.65	.60	.56	.65	.59	.56	.64	.59	.56	.63	.59	.55	.54
10.0	.63	.57	.53	.62	.57	.53	.62	.56	.53	.61	.56	.53	.60	.56	.53	.51



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 24.5DEG  
 Operators: Seth  
 Test Date: 2016-07-01

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.352  
 Humidity: 65.7%  
 Test Distance: 26.000m [K=1.3233]  
 Remarks:

## WEC AND CCEC

Test:U:12.01V I:0.4647A P:5.579W PF:1.000 Freq:0Hz Lamp Flux:516.141x1 lm		
NAME: LED Bulb	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: Benory Industrial Co., LTD.	SUR.:	Shielding Angle:N/A

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	.194	.110	.035	.187	.107	.034	.174	.100	.032	.162	.094	.030	.151	.088	.028		
2.0	.183	.100	.031	.178	.098	.030	.167	.093	.029	.157	.088	.028	.148	.083	.026		
3.0	.173	.092	.028	.168	.090	.027	.158	.086	.026	.150	.082	.025	.142	.079	.024		
4.0	.162	.084	.025	.158	.083	.024	.150	.080	.024	.143	.077	.023	.136	.074	.022		
5.0	.153	.078	.023	.149	.077	.022	.142	.074	.022	.136	.072	.021	.130	.069	.021		
6.0	.145	.073	.021	.142	.072	.021	.135	.069	.020	.130	.067	.020	.124	.065	.019		
7.0	.137	.068	.019	.134	.067	.019	.129	.065	.019	.124	.063	.018	.119	.062	.018		
8.0	.130	.064	.018	.128	.063	.018	.123	.061	.018	.118	.060	.017	.114	.059	.017		
9.0	.124	.060	.017	.122	.059	.017	.117	.058	.016	.113	.057	.016	.110	.056	.016		
10.0	.118	.057	.016	.116	.056	.016	.112	.055	.016	.109	.054	.015	.105	.053	.015		

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	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021		
1.0	.174	.159	.145	.149	.136	.125	.102	.094	.086	.059	.054	.050	.019	.017	.016		
2.0	.159	.134	.113	.136	.115	.097	.094	.080	.068	.054	.046	.040	.017	.015	.013		
3.0	.147	.115	.090	.126	.099	.078	.087	.069	.054	.050	.040	.032	.016	.013	.011		
4.0	.137	.101	.073	.118	.087	.063	.081	.061	.045	.047	.035	.026	.015	.012	.009		
5.0	.128	.089	.060	.110	.077	.052	.076	.054	.037	.044	.032	.022	.014	.010	.007		
6.0	.120	.080	.051	.104	.069	.044	.071	.048	.031	.041	.028	.019	.013	.009	.006		
7.0	.114	.072	.043	.098	.063	.038	.068	.044	.027	.039	.026	.016	.013	.008	.005		
8.0	.108	.066	.037	.093	.057	.033	.064	.040	.023	.037	.024	.014	.012	.008	.005		
9.0	.102	.061	.033	.088	.053	.028	.061	.037	.020	.036	.022	.012	.012	.007	.004		
10.0	.097	.056	.029	.084	.049	.025	.058	.034	.018	.034	.020	.011	.011	.007	.004		

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.5DEG  
 Operators:Seth  
 Test Date:2016-07-01

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.352  
 Humidity:65.7%  
 Test Distance:26.000m [K=1.3233]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:12.01V I:0.4647A P:5.579W PF:1.000 Freq:0Hz Lamp Flux:516.14lx1 lm											
NAME: LED Bulb						TYPE:N/A			WEIGHT:N/A		
SPEC.:N/A						DIM.:			SERIAL No.:N/A		
MFR.: Benory Industrial Co., LTD.						SUR.:			Shielding Angle:N/A		
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		14.4	15.4	14.7	15.6	15.8	16.7	17.6	16.9	17.8	18.0
	3H	15.0	15.9	15.2	16.1	16.3	17.2	18.1	17.4	18.3	18.5
	4H	15.2	16.1	15.5	16.3	16.5	17.4	18.3	17.7	18.5	18.7
	6H	15.4	16.2	15.7	16.4	16.7	17.6	18.4	17.9	18.7	18.9
	8H	15.4	16.2	15.8	16.5	16.8	17.7	18.5	18.1	18.8	19.0
	12H	15.5	16.2	15.8	16.5	16.8	17.8	18.6	18.2	18.9	19.2
4H	2H	14.7	15.6	15.0	15.8	16.0	16.7	17.6	17.0	17.8	18.0
	3H	15.4	16.2	15.7	16.4	16.7	17.3	18.1	17.7	18.4	18.7
	4H	15.8	16.4	16.1	16.7	17.1	17.7	18.4	18.0	18.7	19.0
	6H	16.0	16.6	16.4	17.0	17.3	18.1	18.7	18.4	19.0	19.3
	8H	16.2	16.7	16.6	17.1	17.4	18.2	18.8	18.6	19.1	19.5
	12H	16.2	16.8	16.7	17.1	17.5	18.4	18.9	18.8	19.3	19.7
8H	4H	15.9	16.5	16.3	16.8	17.2	17.7	18.3	18.1	18.6	19.0
	6H	16.3	16.8	16.8	17.2	17.6	18.2	18.7	18.6	19.1	19.5
	8H	16.5	16.9	17.0	17.3	17.8	18.5	18.9	18.9	19.3	19.7
	12H	16.7	17.0	17.1	17.5	17.9	18.8	19.1	19.2	19.6	20.0
12H	4H	15.9	16.4	16.3	16.8	17.2	17.7	18.2	18.1	18.6	19.0
	6H	16.4	16.8	16.8	17.2	17.7	18.2	18.6	18.7	19.0	19.5
	8H	16.6	17.0	17.1	17.4	17.9	18.5	18.9	19.0	19.3	19.8
Variations with the observer position at spacings:											
S = 1.0H	+ 0.7 / - 0.9					+ 1.2 / - 1.1					
1.5H	+ 1.0 / - 0.7					+ 2.3 / - 1.0					
2.0H	+ 0.8 / - 0.6					+ 1.6 / - 0.8					

CIE Pub.117 Corrected 516.1 lm Total Lamp Luminous Flux.(8log(F/F0) = -2.3)

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.5DEG  
 Operators:Seth  
 Test Date:2016-07-01

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.352  
 Humidity:65.7%  
 Test Distance:26.000m [K=1.3233]  
 Remarks:

## UTILIZATION FACTORS TABLE

Test:U:12.01V I:0.4647A P:5.579W PF:1.000 Freq:0Hz Lamp Flux:516.14lx1 lm		
NAME: LED Bulb	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: Benory Industrial Co., LTD.	SUR.:	Shielding Angle:N/A

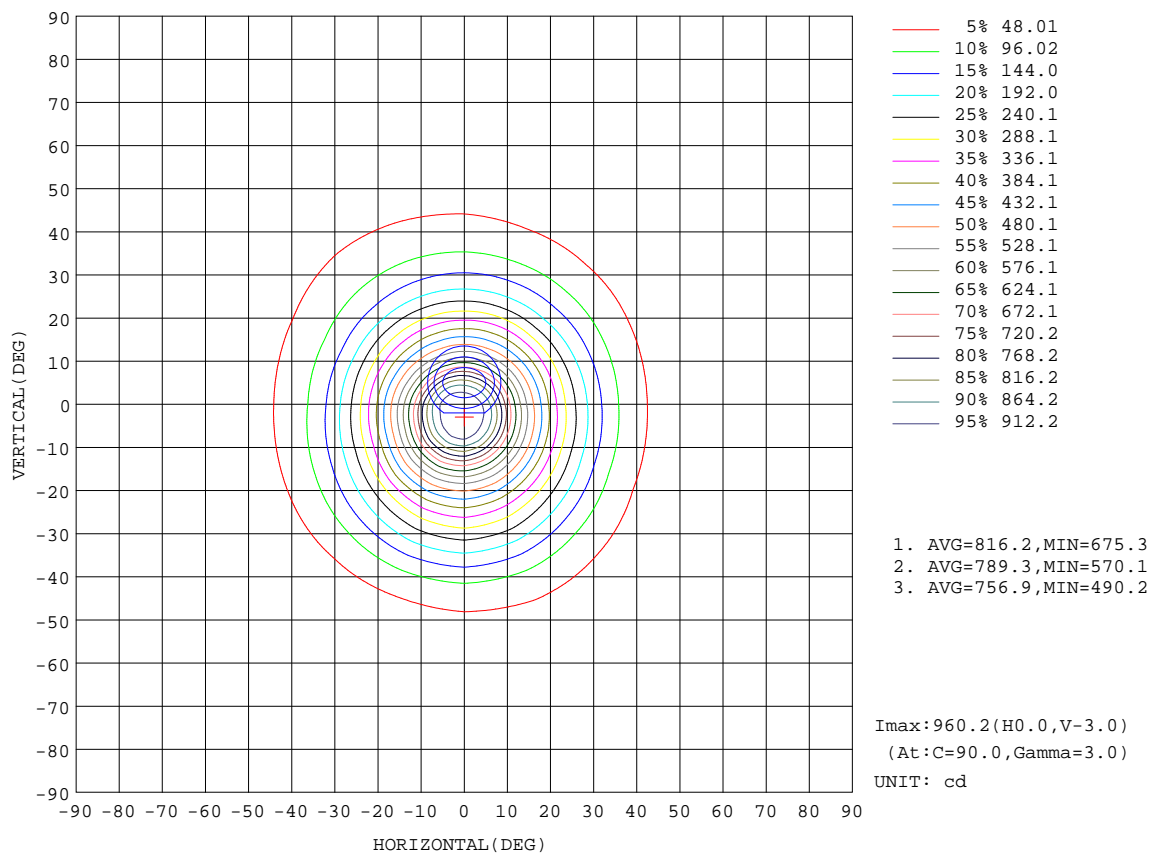
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	81	74	70	81	74	70	80	73	69	65
0.80	89	83	78	89	82	78	87	82	78	73
1.00	95	88	84	94	88	84	92	88	83	78
1.25	99	93	89	98	93	89	96	91	88	83
1.50	103	97	93	101	96	92	99	94	91	86
2.00	106	101	97	104	100	96	102	98	95	89
2.50	108	104	100	106	102	99	103	100	97	91
3.00	110	106	103	108	104	102	105	102	99	93
4.00	112	109	106	110	107	105	106	104	102	95
5.00	114	111	109	112	109	107	107	106	104	96
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.5DEG  
 Operators:Seth  
 Test Date:2016-07-01

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.352  
 Humidity:65.7%  
 Test Distance:26.000m [K=1.3233]  
 Remarks:

## ISOCANDELA DIAGRAM

Test:U:12.01V I:0.4647A P:5.579W PF:1.000 Freq:0Hz Lamp Flux:516.14lx1 lm		
NAME: LED Bulb	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: Benory Industrial Co., LTD.	SUR.:	Shielding Angle:N/A



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 24.5DEG  
 Operators: Seth  
 Test Date: 2016-07-01

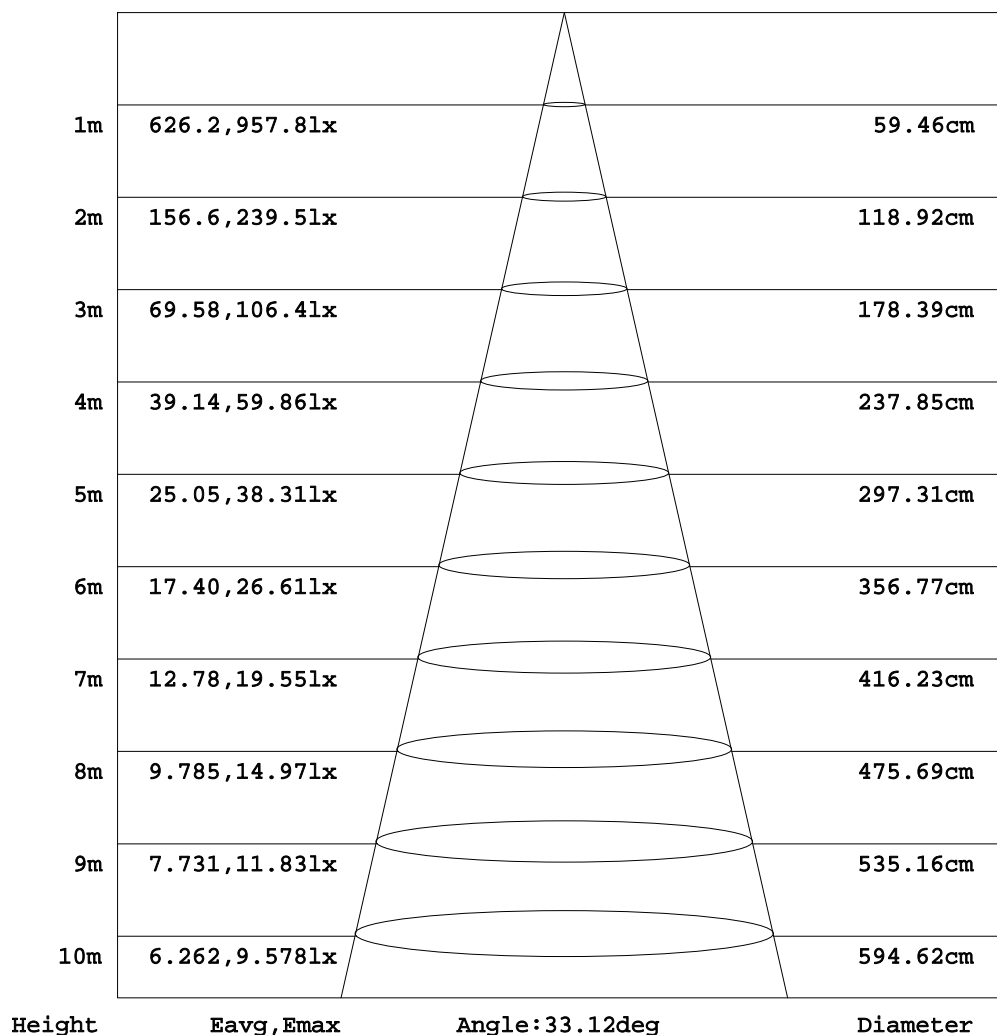
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.352  
 Humidity: 65.7%  
 Test Distance: 26.000m [K=1.3233]  
 Remarks:



## AAI Figure

Test:U:12.01V I:0.4647A P:5.579W PF:1.000 Freq:0Hz Lamp Flux:516.14lx1 lm		
NAME: LED Bulb	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: Benory Industrial Co., LTD.	SUR.:	Shielding Angle:N/A

Flux out:183.9 lm



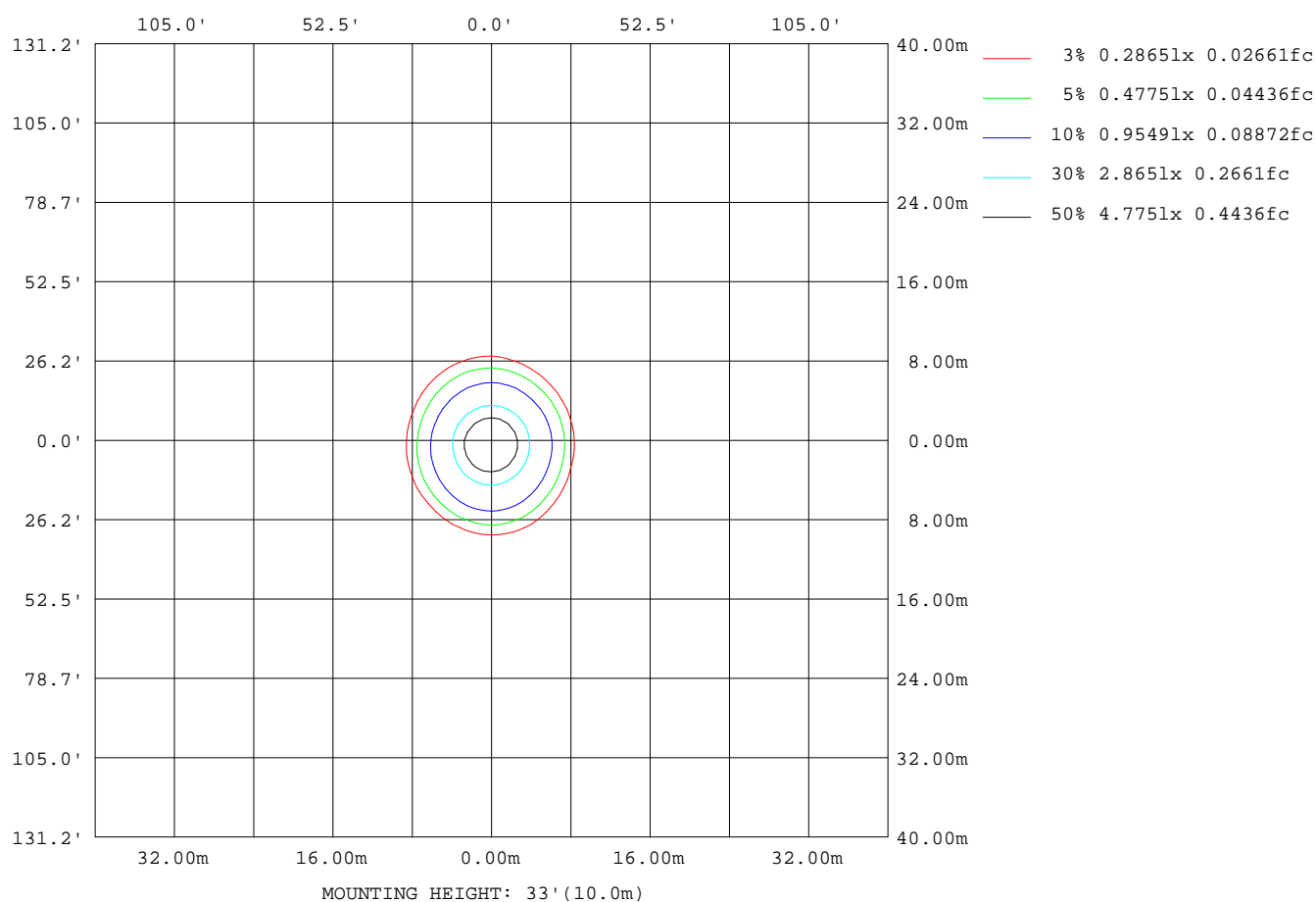
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 24.5DEG  
 Operators: Seth  
 Test Date: 2016-07-01

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.352  
 Humidity: 65.7%  
 Test Distance: 26.000m [K=1.3233]  
 Remarks:

## ISOLUX DIAGRAM

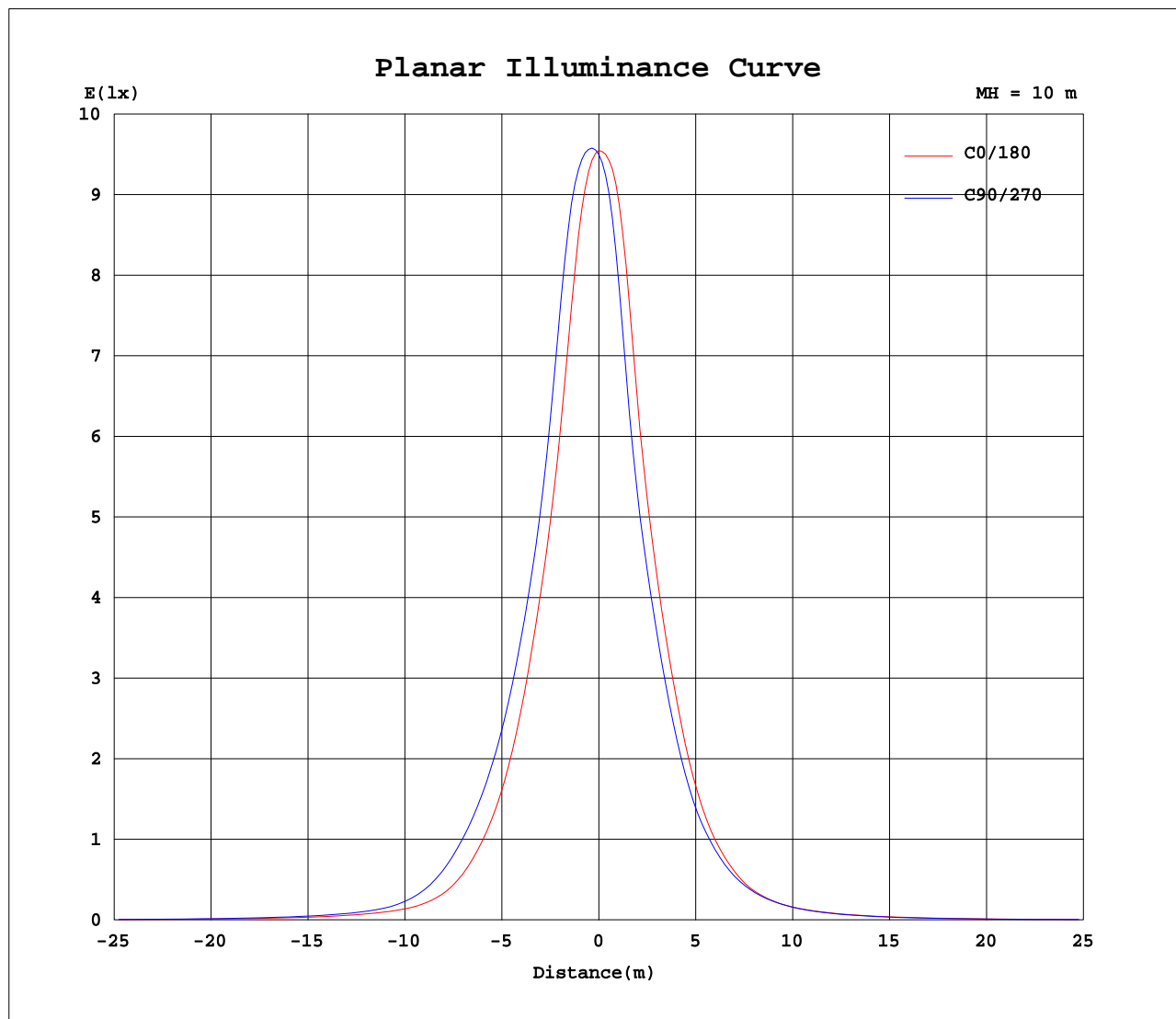
Test:U:12.01V I:0.4647A P:5.579W PF:1.000 Freq:0Hz Lamp Flux:516.14lx 1m		
NAME: LED Bulb	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: Benory Industrial Co., LTD.	SUR.:	Shielding Angle:N/A



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 24.5DEG  
 Operators: Seth  
 Test Date: 2016-07-01

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.352  
 Humidity: 65.7%  
 Test Distance: 26.000m [K=1.3233]  
 Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 24.5DEG  
Operators: Seth  
Test Date: 2016-07-01

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.352  
Humidity: 65.7%  
Test Distance: 26.000m [K=1.3233]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:12.01V I:0.4647A P:5.579W PF:1.000 Freq:0Hz Lamp Flux:516.14lx1 lm		
NAME: LED Bulb	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: Benory Industrial Co., LTD.	SUR.:	Shielding Angle:N/A

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	955	953	953	951	950	949	948	947	955	953	953	951	950	949	948	947			
5	892	912	926	941	955	954	944	929	924	901	876	854	841	840	850	868			
10	696	740	787	829	854	853	829	786	744	685	644	615	608	612	631	662			
15	511	545	584	617	642	645	617	572	540	498	468	452	449	452	465	486			
20	372	402	435	467	484	480	458	416	391	362	339	328	323	328	335	354			
25	256	280	312	343	363	355	325	288	265	244	231	224	220	219	222	237			
30	170	187	217	251	265	253	224	194	172	155	149	149	149	148	148	157			
35	105	116	141	171	185	174	149	126	109	98.9	99.1	99.6	98.6	94.4	92.8	97.1			
40	61.0	66.5	82.6	104	114	105	88.6	76.3	68.0	64.1	66.4	66.5	65.5	59.9	56.8	57.6			
45	39.1	40.7	49.3	61.3	65.3	57.8	49.9	47.4	45.3	43.5	46.2	46.0	44.9	40.4	38.4	38.3			
50	29.0	28.9	33.7	40.4	41.8	37.3	35.0	35.3	33.1	31.2	32.8	32.8	31.8	29.1	28.1	28.2			
55	21.9	22.0	24.8	29.6	30.6	27.8	26.9	27.6	24.9	23.0	23.6	23.4	22.9	21.5	21.0	21.2			
60	16.4	16.7	18.6	22.0	22.8	21.3	20.8	21.4	18.9	17.3	17.1	16.5	16.4	15.7	15.5	15.8			
65	12.0	12.4	13.5	16.0	16.8	15.8	15.7	15.9	14.0	12.7	11.9	11.4	11.2	11.2	11.4	11.2			
70	8.44	8.97	9.63	11.2	11.9	11.7	11.5	11.4	9.88	8.95	8.02	7.58	7.51	7.71	7.91	7.77			
75	5.71	6.12	6.72	7.85	8.45	8.40	8.34	7.80	6.70	5.83	5.24	4.92	4.85	5.12	5.25	5.18			
80	3.65	3.98	4.46	5.40	5.79	5.94	5.73	5.07	4.17	3.58	3.12	2.85	2.72	2.85	3.12	3.11			
85	1.80	2.13	2.46	3.13	3.60	3.66	3.53	3.06	2.11	1.59	1.13	0.98	0.72	0.65	1.05	1.05			
90	0.00	0.00	0.41	1.07	1.47	1.54	1.47	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00			
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07	0.13	0.13	0.07	0.07	0.07			
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.13	0.27	0.33	0.33	0.27	0.20	0.26			
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.33	0.47	0.47	0.47	0.47	0.40	0.40			
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.66	0.67	0.73	0.80	0.74	0.80	0.67			
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.93	0.93	1.06	1.13	1.13	1.13	1.13	1.00			
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.26	1.33	1.40	1.53	1.46	1.40	1.40	1.46			
160	0.07	0.00	0.00	0.00	0.00	0.00	0.07	0.00	1.46	1.46	1.46	1.46	1.46	1.40	1.40	1.40			
165	0.39	0.20	0.20	0.20	0.13	0.07	0.13	0.20	1.46	1.46	1.46	1.46	1.46	1.40	1.40	1.40			
170	0.86	0.80	0.73	0.60	0.53	0.46	0.47	0.66	1.46	1.46	1.46	1.46	1.40	1.40	1.40	1.40			
175	1.13	1.06	1.00	1.06	1.00	1.06	1.00	1.13	1.46	1.46	1.40	1.40	1.33	1.40	1.33	1.33			
180	1.33	1.26	1.20	1.06	1.06	1.00	1.07	1.13	1.46	1.33	1.26	1.20	1.13	1.13	1.13	1.13			

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.5DEG  
 Operators:Seth  
 Test Date:2016-07-01

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.352  
 Humidity:65.7%  
 Test Distance:26.000m [K=1.3233]  
 Remarks: