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LED Downlight SENSE Series LE-  
S68R1-11W-940-W

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Light Output Ratio:	100.0%	
Luminaire Power:	12.93 W	
SHR Nominal:	0.75	Calculated using the TM5
SHR Maximum:	0.85	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: 2017-08-11

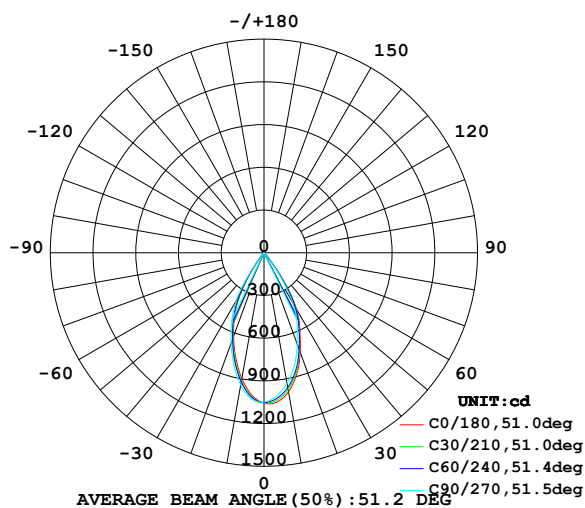
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

## LUMINAIRE PHOTOMETRIC TEST REPORT

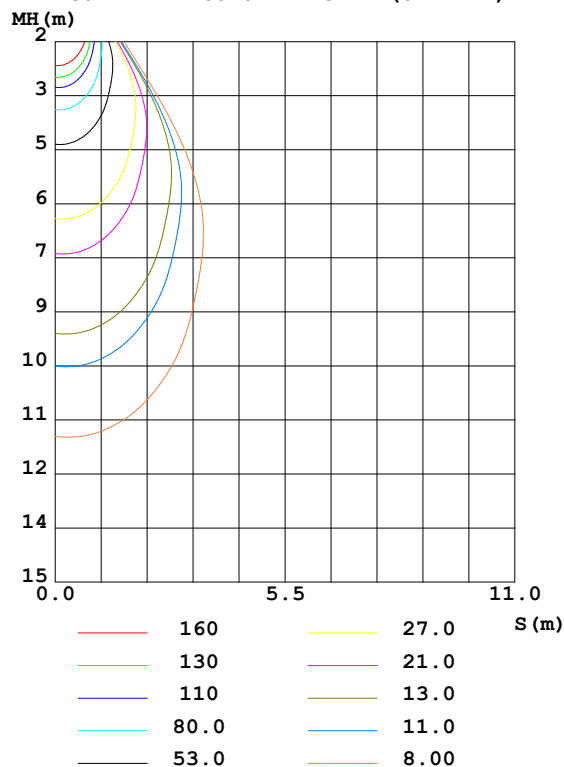
Test:U:220.7V I:0.0653A P:12.93W PF:0.8965 Lamp Flux:706.189x1 lm		
NAME: S68R1-11W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: $\phi$ 78mm*H98mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 54.61 lm/W			
MODEL	CITIZEN-4000K	I <sub>max</sub> (cd)	1062	S/MH (C0/180)	0.72
NOMINAL POWER (W)	13.0	LOR (%)	100.0	S/MH (C90/270)	0.77
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	706.19	$\eta$ UP, DN (C0-180)	0.0, 51.4
NOMINAL FLUX (lm)	706.189	CIE CLASS	DIRECT	$\eta$ UP, DN (C180-360)	0.0, 48.6
LAMPS INSIDE	1	$\eta$ up (%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	220	$\eta$ down (%)	100.0	CIBSE SHR MAX	0.85

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



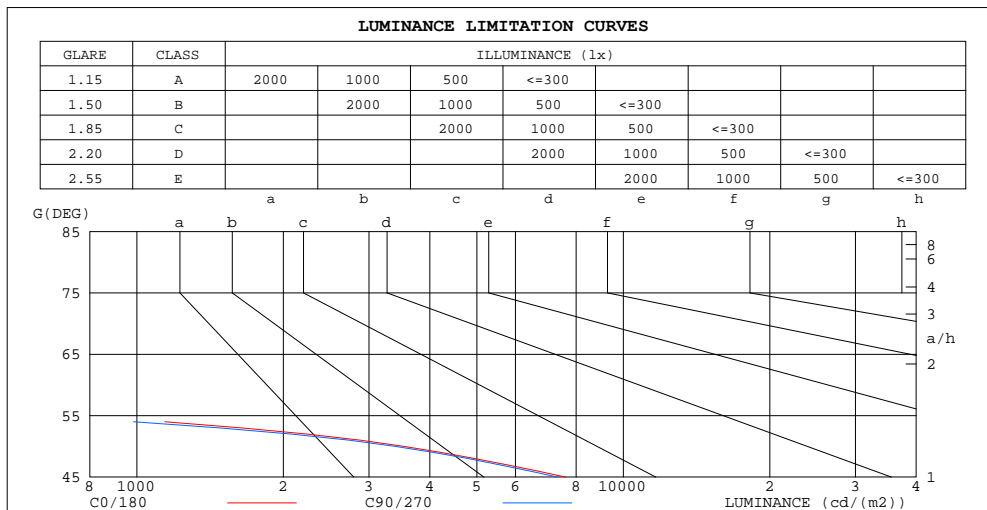
C Range: 0 - 360DEG  
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 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
 Test Date: 2017-08-11

$\gamma$  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	$\%lum, lamp$
10	992.6	971.4	931.8	904.3	897.4	913.8	944.4	962.1	0- 10	94.83	94.83	13.4,13.4
20	744.4	729.1	682.9	639.7	625.3	636.5	675.1	703.0	10- 20	227.4	322.3	45.6,45.6
30	457.1	440.1	400.2	356.5	323.6	331.1	394.5	437.4	20- 30	246.1	568.3	80.5,80.5
40	63.57	63.30	54.87	46.68	35.85	33.87	37.90	45.03	30- 40	117.7	686.0	97.1,97.1
50	10.87	12.02	10.44	8.751	6.306	5.653	6.028	7.172	40- 50	17.22	703.2	99.6,99.6
60	0.7620	0.9813	0.8119	0.6457	0.5852	0.6285	0.5895	0.4387	50- 60	2.499	705.7	99.9,99.9
70	0.0963	0.1115	0.1816	0.1508	0.1529	0.1203	0.0830	0.0963	60- 70	0.3178	706.0	100,100
80	0.0569	0.0611	0.1290	0.1068	0.0503	0.0853	0.0284	0.0481	70- 80	0.0979	706.1	100,100
90	0.0481	0.0350	0.0437	0.0437	0.0787	0.0306	0.0175	0.0262	80- 90	0.0567	706.2	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(DEG)	C0/180	C90/270
85	121	147
80	69	156
75	58	122
70	59	111
65	132	194
60	319	340
55	792	711
50	3541	3400
45	7611	7328

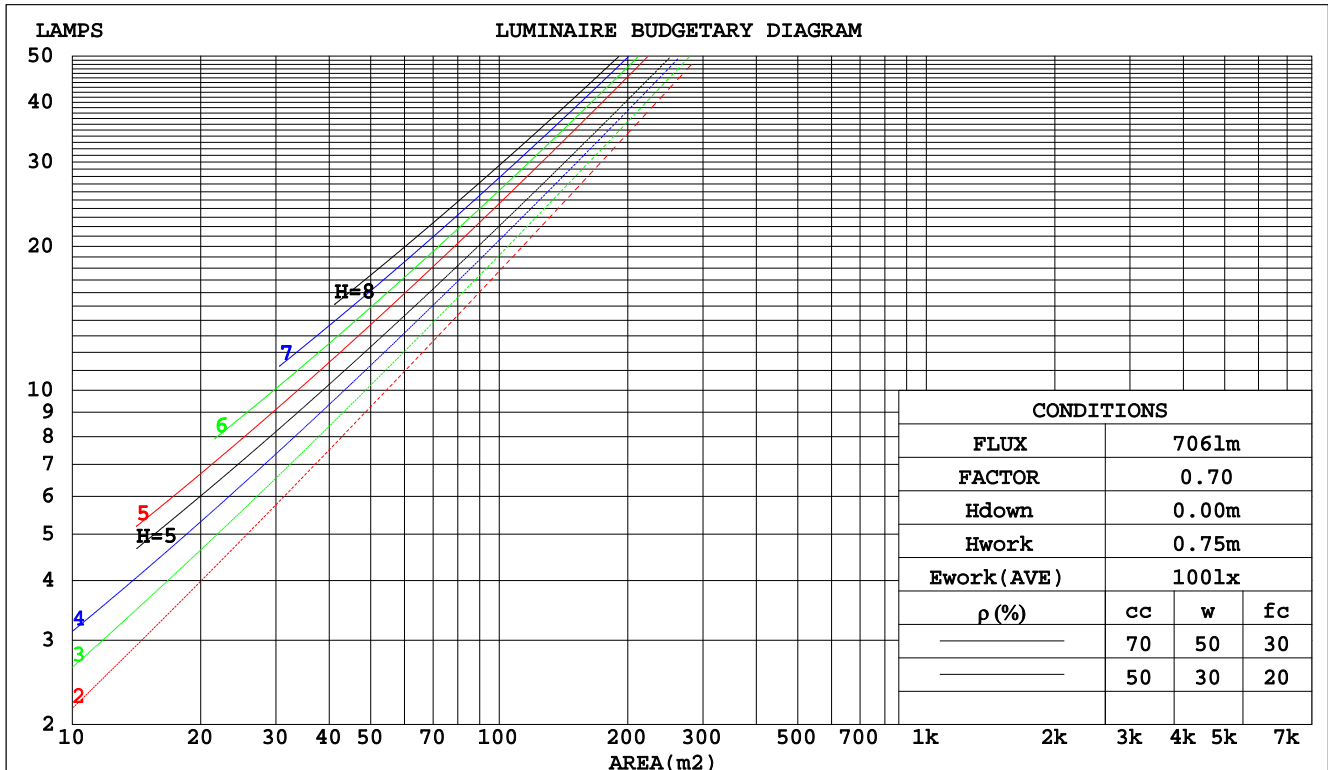
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
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 Temperature:25.3DEG  
 Operators:Meng Yongjian  
 Test Date:2017-08-11

$\gamma$  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:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.7V I:0.0653A P:12.93W PF:0.8965 Lamp Flux:706.189x1 lm		
NAME: S68R1-11W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: $\phi$ 78mm*H98mm	
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	1.04	1.02	1.01	1.00	.99	.98	.97	.96	.94
2.0	1.04	1.01	.97	1.03	.99	.96	.99	.97	.94	.96	.94	.92	.94	.92	.90	.89
3.0	.98	.93	.90	.97	.92	.89	.94	.90	.88	.92	.89	.86	.89	.87	.85	.83
4.0	.92	.87	.83	.91	.86	.83	.89	.85	.82	.87	.84	.81	.85	.82	.80	.78
5.0	.87	.82	.78	.86	.81	.77	.84	.80	.77	.83	.79	.76	.81	.78	.75	.74
6.0	.82	.77	.73	.81	.76	.72	.80	.75	.72	.79	.75	.71	.77	.74	.71	.70
7.0	.78	.72	.68	.77	.72	.68	.76	.71	.68	.75	.71	.67	.74	.70	.67	.66
8.0	.74	.68	.64	.73	.68	.64	.72	.67	.64	.71	.67	.64	.70	.66	.63	.62
9.0	.70	.65	.61	.70	.64	.61	.69	.64	.61	.68	.63	.60	.67	.63	.60	.59
10.0	.67	.61	.58	.66	.61	.58	.65	.61	.57	.65	.60	.57	.64	.60	.57	.56



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 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
 Humidity:52%  
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## WEC AND CCEC

Test:U:220.7V I:0.0653A P:12.93W PF:0.8965 Lamp Flux:706.189x1 lm		
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SPEC.:4000K	DIM.: $\phi$ 78mm*H98mm	
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	.167	.095	.030	.160	.091	.029	.147	.085	.027	.136	.078	.025	.125	.073	.023		
2.0	.159	.087	.027	.153	.084	.026	.143	.079	.025	.133	.075	.023	.124	.070	.022		
3.0	.151	.080	.024	.146	.078	.024	.137	.074	.023	.129	.071	.022	.121	.067	.021		
4.0	.144	.075	.022	.140	.073	.022	.132	.070	.021	.125	.067	.020	.118	.064	.020		
5.0	.137	.070	.020	.133	.069	.020	.127	.066	.019	.121	.064	.019	.115	.061	.018		
6.0	.131	.066	.019	.128	.065	.019	.122	.063	.018	.117	.061	.018	.112	.059	.017		
7.0	.125	.062	.018	.123	.061	.017	.118	.059	.017	.113	.058	.017	.108	.056	.017		
8.0	.120	.059	.017	.118	.058	.016	.113	.057	.016	.109	.055	.016	.105	.054	.016		
9.0	.115	.056	.016	.113	.055	.015	.109	.054	.015	.105	.053	.015	.102	.052	.015		
10.0	.111	.053	.015	.109	.053	.015	.105	.052	.015	.102	.051	.014	.099	.050	.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	.170	.157	.146	.146	.135	.125	.100	.093	.087	.057	.054	.050	.018	.017	.016	
2.0	.154	.133	.114	.132	.114	.099	.091	.079	.069	.052	.046	.040	.017	.015	.013	
3.0	.142	.113	.091	.121	.098	.079	.083	.068	.055	.048	.040	.033	.015	.013	.011	
4.0	.131	.099	.074	.112	.085	.064	.077	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.122	.087	.061	.105	.075	.053	.072	.053	.038	.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	.097	.058	.032	.083	.051	.028	.058	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.092	.054	.028	.080	.047	.025	.055	.033	.017	.032	.019	.010	.010	.006	.003	

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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:

UGR(Unified Glare Rating) Table

Test:U:220.7V I:0.0653A P:12.93W PF:0.8965 Lamp Flux:706.189x1 lm										
NAME: S68R1-11W-940-W					TYPE:Downlight			SERIAL No.:		
SPEC.:4000K					DIM.: $\varnothing$ 78mm*H98mm					
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	17.5	18.4	17.7	18.6	18.7	17.0	17.9	17.3	18.1	18.3
	3H	17.4	18.2	17.6	18.4	18.6	16.9	17.7	17.1	17.9
	4H	17.3	18.0	17.5	18.2	18.5	16.8	17.6	17.1	17.8
	6H	17.2	17.9	17.5	18.1	18.4	16.7	17.4	17.0	17.7
	8H	17.1	17.8	17.4	18.1	18.3	16.7	17.4	17.0	17.6
	12H	17.1	17.7	17.4	18.0	18.3	16.6	17.3	16.9	17.5
4H	2H	17.3	18.0	17.5	18.2	18.5	16.8	17.6	17.1	17.8
	3H	17.1	17.7	17.4	18.0	18.3	16.6	17.3	16.9	17.5
	4H	17.0	17.6	17.3	17.9	18.2	16.5	17.1	16.9	17.4
	6H	16.9	17.4	17.3	17.8	18.1	16.4	17.0	16.8	17.3
	8H	16.8	17.3	17.2	17.7	18.0	16.4	16.9	16.8	17.2
	12H	16.8	17.2	17.2	17.6	18.0	16.3	16.8	16.7	17.1
8H	4H	16.8	17.3	17.2	17.7	18.0	16.4	16.9	16.8	17.2
	6H	16.7	17.1	17.2	17.5	17.9	16.3	16.7	16.7	17.1
	8H	16.7	17.0	17.1	17.5	17.9	16.2	16.6	16.7	17.0
	12H	16.6	16.9	17.1	17.4	17.8	16.2	16.5	16.6	16.9
12H	4H	16.8	17.2	17.2	17.6	18.0	16.3	16.8	16.7	17.1
	6H	16.7	17.0	17.1	17.5	17.9	16.2	16.6	16.7	17.0
	8H	16.6	16.9	17.1	17.4	17.8	16.2	16.5	16.6	16.9
Variations with the observer position at spacings:										
S = 1.0H	+ 4.8 / -19.9					+ 3.9 / -18.7				
1.5H	+ 7.1 / -16.3					+ 6.2 / -15.4				
2.0H	+ 6.8 / -15.7					+ 6.6 / -14.3				

CIE Pub.117 Corrected 706.2 lm Total Lamp Luminous Flux. (8log(F/F0) = -1.2)

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 Humidity:52%  
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 Remarks:

## UTILIZATION FACTORS TABLE

Test:U:220.7V I:0.0653A P:12.93W PF:0.8965 Lamp Flux:706.189x1 lm		
NAME: S68R1-11W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: $\phi$ 78mm*H98mm	
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) $k(RI) \times RCR = 5$									
$k = 0.60$	90	84	80	89	84	80	89	83	80	77
0.80	97	92	88	96	91	88	95	91	88	84
1.00	101	96	92	100	95	92	99	95	92	88
1.25	105	100	97	104	99	96	102	98	95	92
1.50	107	103	100	106	102	99	104	101	98	94
2.00	109	106	103	108	105	102	105	103	100	95
2.50	111	107	105	109	106	104	106	104	102	96
3.00	112	109	107	111	108	106	107	105	103	97
4.00	114	112	110	112	110	108	109	107	106	99
5.00	116	113	112	113	112	110	109	108	107	100
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.: $\phi$ 78mm*H98mm	
MFR.:		

Conical surface Flux(90deg):

697.61 lm

%lum = 98.8%

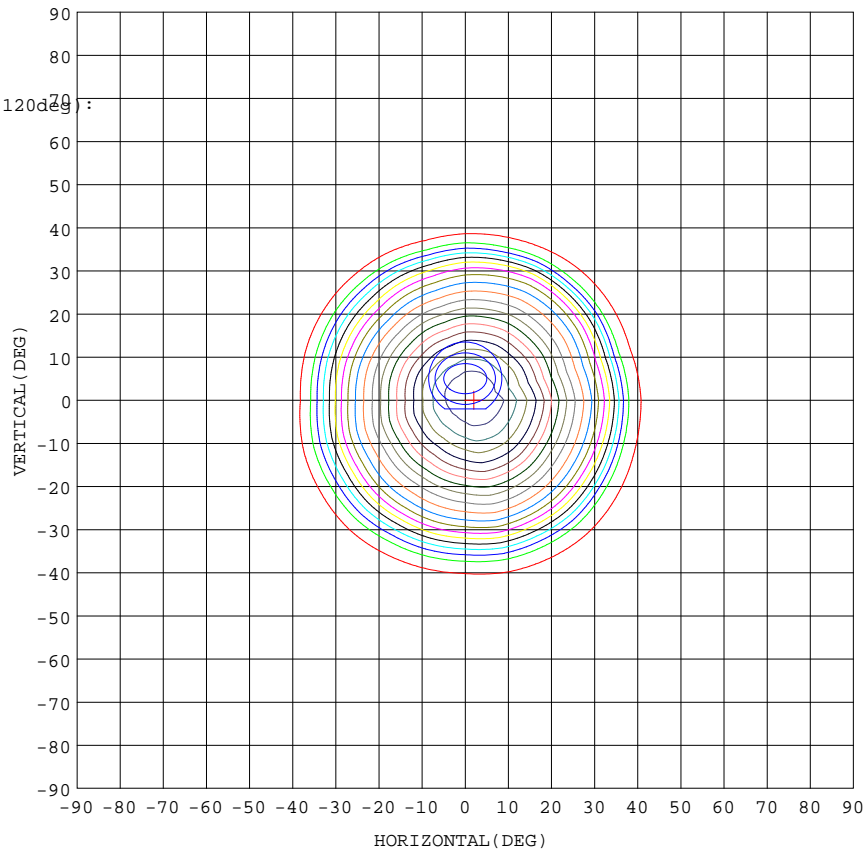
%lamp = 98.8%

Conical surface Flux(120deg):

705.72 lm

%lum = 99.9%

%lamp = 99.9%



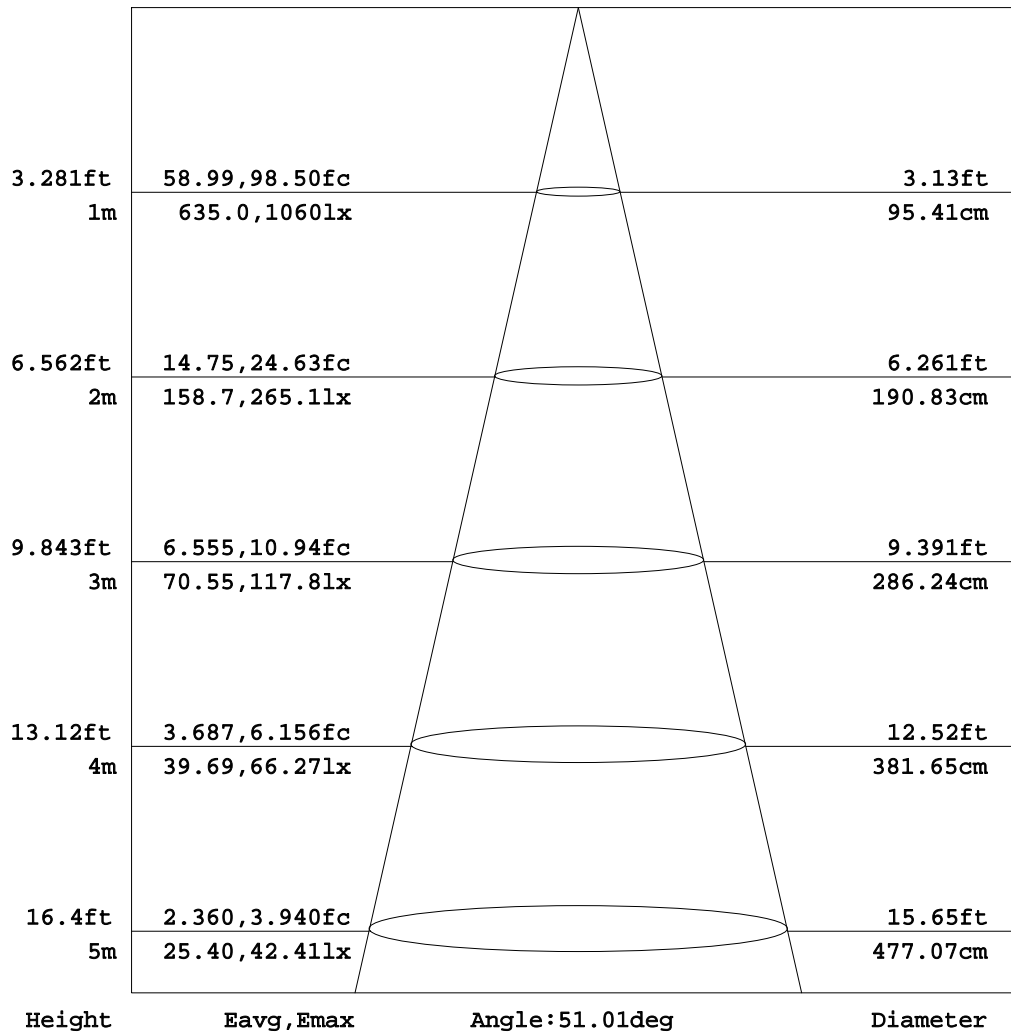
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## AAI Figure

Test:U:220.7V I:0.0653A P:12.93W PF:0.8965 Lamp Flux:706.189x1 lm		
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Flux out:474.5 lm



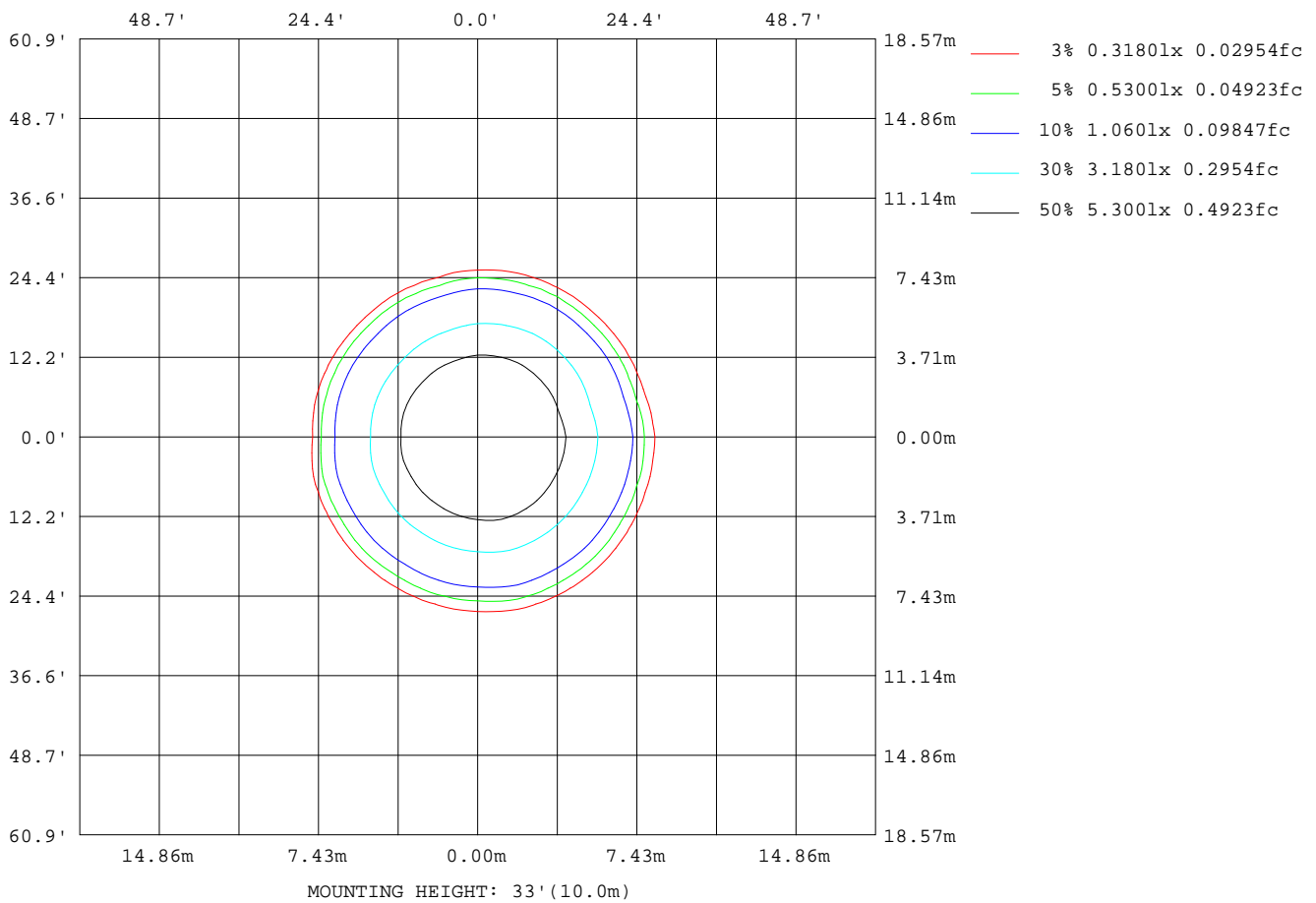
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
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## ISOLUX DIAGRAM

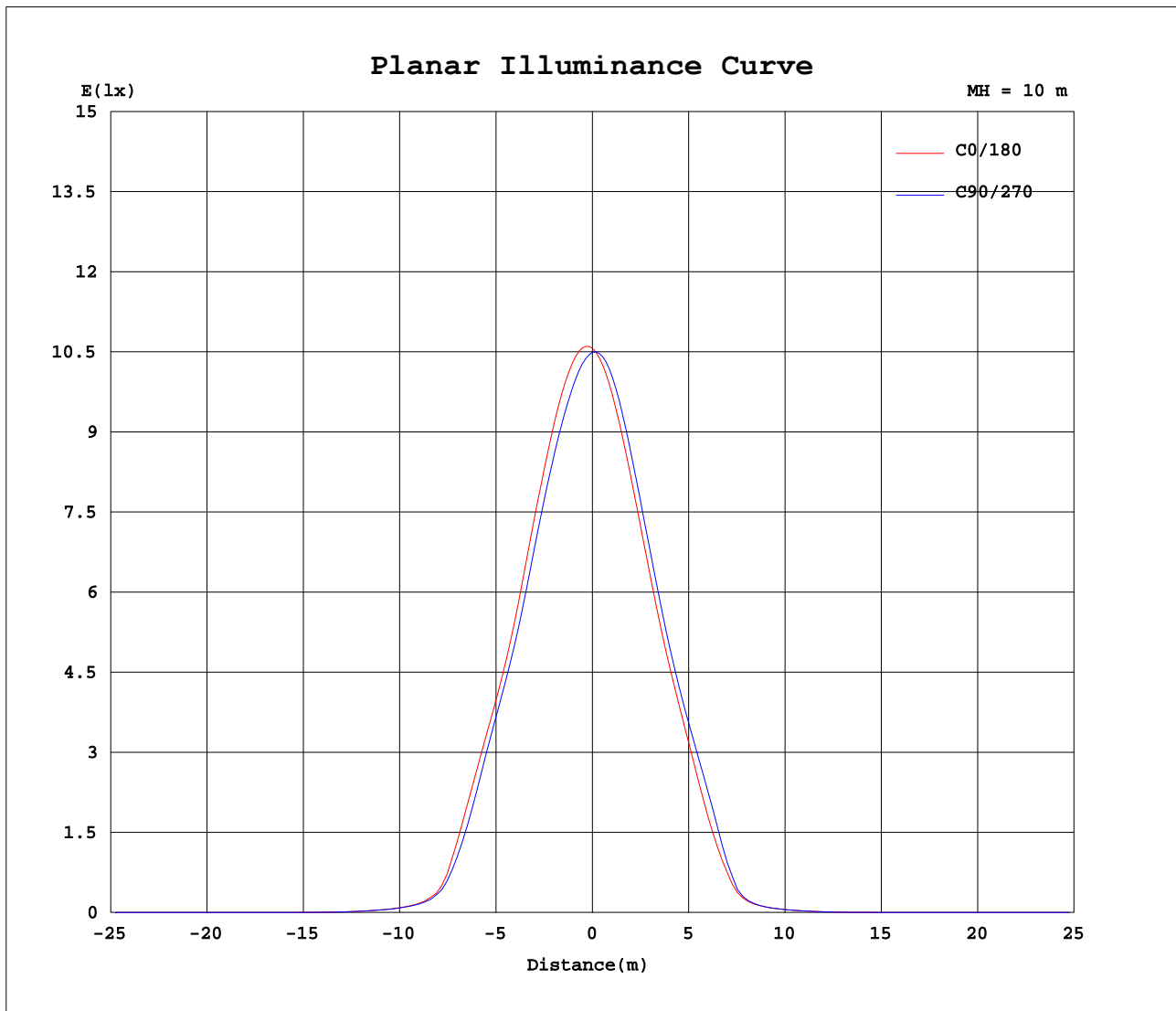
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## Planar Illuminance Curve



C Range: 0 - 360DEG  
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Humidity: 52%  
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## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.7V I:0.0653A P:12.93W PF:0.8965 Lamp Flux:706.189x1 lm		
NAME: S68R1-11W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: φ78mm*H98mm	
MFR.:		

UNIT: cd

[illegible]

```

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:220.7V I:0.0653A P:12.93W PF:0.8965 Lamp Flux:706.189x1 lm		
NAME: S68R1-11W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: $\phi$ 78mm*H98mm	
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: 2017-08-11

```

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	1057	1057	1056	1054	1052	1051	1049	1048	1046	1046
3.0	1062	1057	1052	1048	1043	1039	1031	1027	1024	1024
6.0	1045	1037	1031	1025	1017	1010	996.8	989.6	982.7	982.9
9.0	1009	999.2	992.3	987.3	977.3	968.8	949.9	938.3	926.8	926.4
12.0	954.2	945.2	939.0	934.9	924.5	915.4	891.9	875.6	859.6	857.0
15.0	886.0	876.9	871.7	869.2	859.1	850.0	823.1	803.2	784.1	779.1
18.0	805.9	797.6	791.1	791.2	781.1	772.1	741.1	721.2	700.9	696.5
21.0	712.6	703.2	697.4	698.4	692.4	684.3	654.6	635.9	618.8	613.5
24.0	624.3	617.0	611.6	613.0	610.3	604.9	577.6	560.9	545.0	538.7
27.0	544.5	537.8	532.4	533.3	530.5	527.2	500.2	484.6	466.6	458.9
30.0	457.1	447.8	439.9	440.1	434.1	431.7	400.2	384.3	363.9	356.5
33.0	340.9	328.7	318.9	319.1	309.7	306.2	274.7	260.4	241.7	237.6
36.0	194.5	187.6	183.5	187.6	178.7	178.0	152.5	144.3	130.1	131.2
39.0	77.48	75.91	76.29	80.02	77.99	77.93	70.81	63.86	60.76	57.48
42.0	41.55	41.88	42.55	44.01	43.33	43.32	39.05	37.01	34.13	33.08
45.0	25.70	26.24	26.77	27.83	27.32	27.39	24.75	23.52	21.66	21.15
48.0	15.83	16.22	16.55	17.32	17.02	17.13	15.33	14.54	13.32	13.08
51.0	8.648	8.828	9.075	9.675	9.507	9.630	8.207	7.560	6.660	6.716
54.0	3.203	3.222	3.334	3.710	3.599	3.716	2.764	2.461	2.107	2.292
57.0	1.463	1.523	1.537	1.602	1.638	1.647	1.475	1.361	1.289	1.365
60.0	0.7620	0.8394	0.8277	0.9813	0.9807	0.9989	0.8119	0.7113	0.6361	0.6457
63.0	0.3415	0.3665	0.4180	0.4458	0.4904	0.4917	0.4883	0.4566	0.4573	0.4194
66.0	0.2365	0.2162	0.2351	0.3647	0.3983	0.3841	0.3481	0.3233	0.3328	0.2905
69.0	0.1033	0.0852	0.1186	0.1440	0.1842	0.1898	0.1973	0.1922	0.2039	0.1552
72.0	0.0853	0.0655	0.1050	0.0983	0.1313	0.1311	0.1706	0.1661	0.1859	0.1421
75.0	0.0722	0.0503	0.0875	0.0787	0.1159	0.1093	0.1510	0.1443	0.1706	0.1377
78.0	0.0635	0.0481	0.0787	0.0656	0.1006	0.0962	0.1335	0.1333	0.1553	0.1310
81.0	0.0547	0.0481	0.0591	0.0503	0.0897	0.0786	0.1117	0.1157	0.1487	0.0699
84.0	0.0503	0.0481	0.0503	0.0350	0.0592	0.0459	0.0700	0.0633	0.0965	0.0437
87.0	0.0503	0.0481	0.0503	0.0350	0.0503	0.0459	0.0481	0.0437	0.0483	0.0437
90.0	0.0481	0.0481	0.0481	0.0350	0.0459	0.0459	0.0437	0.0437	0.0437	0.0437
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	1045	1045	1057	1057	1056	1054	1052	1051	1049	1048
3.0	1023	1025	1030	1035	1037	1037	1040	1041	1046	1047
6.0	980.8	984.9	984.2	991.5	995.9	996.7	1003	1006	1018	1022
9.0	922.8	927.4	921.1	931.0	936.2	937.2	944.5	948.3	966.1	973.3
12.0	852.1	857.2	847.2	857.1	863.3	863.9	872.7	876.2	896.8	906.1
15.0	772.9	778.7	766.6	781.7	782.7	791.5	795.8	795.8	817.8	827.8
18.0	688.4	694.7	682.2	692.4	696.0	696.1	705.9	710.5	733.9	744.3
21.0	605.4	610.7	598.2	606.8	609.0	607.6	618.1	623.0	646.3	656.8
24.0	529.3	533.2	518.5	524.8	524.2	522.6	534.4	540.8	563.9	576.3
27.0	447.1	449.6	430.7	436.9	435.8	433.8	448.3	457.9	484.2	499.0
30.0	342.1	345.1	323.6	332.1	333.0	331.1	349.3	360.9	394.5	413.0
33.0	225.3	227.8	207.7	218.7	220.2	217.2	229.9	236.5	271.5	287.9
36.0	121.9	124.7	106.6	104.7	104.7	98.21	101.8	99.37	127.4	125.4
39.0	53.54	52.86	43.96	45.00	43.92	41.76	42.33	41.56	47.37	49.78
42.0	30.69	29.52	25.37	25.52	24.93	23.69	23.59	23.28	25.93	27.34
45.0	19.40	18.56	15.97	15.92	15.50	14.67	14.54	14.28	15.85	16.64
48.0	11.93	11.40	9.674	9.682	9.365	8.705	8.594	8.372	9.336	9.782
51.0	6.038	5.860	4.757	4.960	4.813	4.335	4.257	4.033	4.626	4.779
54.0	2.070	2.078	1.834	2.045	2.100	1.974	1.910	1.792	1.904	1.895
57.0	1.287	1.247	1.211	1.372	1.400	1.338	1.274	1.204	1.270	1.204
60.0	0.6165	0.6373	0.5852	0.6703	0.6309	0.6285	0.6138	0.5891	0.5895	0.5348
63.0	0.4398	0.4324	0.4344	0.4314	0.4342	0.4924	0.5110	0.4836	0.3863	0.3417
66.0	0.2957	0.2773	0.2816	0.2824	0.2160	0.2148	0.1941	0.1955	0.1810	0.1927
69.0	0.1514	0.1268	0.1595	0.1553	0.1092	0.1247	0.1005	0.1138	0.0917	0.1094
72.0	0.1313	0.1049	0.1376	0.1203	0.0830	0.1093	0.0830	0.0963	0.0699	0.0875
75.0	0.1225	0.0852	0.1114	0.0919	0.0656	0.0984	0.0721	0.0788	0.0546	0.0700
78.0	0.1181	0.0656	0.0589	0.0744	0.0610	0.0918	0.0590	0.0634	0.0371	0.0591
81.0	0.0701	0.0612	0.0503	0.0547	0.0437	0.0592	0.0415	0.0525	0.0284	0.0459
84.0	0.0655	0.0789	0.0787	0.0481	0.0592	0.0372	0.0239	0.0350	0.0175	0.0350
87.0	0.1200	0.1269	0.0787	0.0634	0.0722	0.0350	0.0153	0.0263	0.0175	0.0284
90.0	0.1399	0.1399	0.0787	0.0722	0.0722	0.0306	0.0153	0.0197	0.0175	0.0241
G/C	300.0	315.0	330.0	345.0						
0.0	1046	1046	1045	1045						
3.0	1048	1048	1047	1046						
6.0	1027	1026	1027	1024						
9.0	981.9	981.5	986.0	982.9						
12.0	916.9	918.6	926.5	924.3						
15.0	840.6	843.6	853.4	853.0						
18.0	757.7	761.4	771.1	769.4						
21.0	671.7	674.4	681.6	677.0						

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.3DEG

Operators: Meng Yongjian

Test Date: 2017-08-11

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	591.9	594.9	599.3	592.7
27.0	516.5	520.9	523.7	515.0
30.0	434.4	437.4	438.4	426.1
33.0	311.6	309.0	314.4	305.5
36.0	145.8	138.5	157.7	149.4
39.0	53.82	58.37	60.11	64.02
42.0	29.68	31.18	33.56	34.39
45.0	18.12	19.05	20.67	21.40
48.0	10.63	11.16	12.29	12.94
51.0	5.197	5.383	6.174	6.587
54.0	1.937	1.901	2.139	2.283
57.0	1.192	1.123	1.190	1.309
60.0	0.4797	0.4387	0.4773	0.5223
63.0	0.2750	0.2890	0.2685	0.2999
66.0	0.1701	0.1927	0.1658	0.2080
69.0	0.0852	0.1028	0.0743	0.1006
72.0	0.0634	0.0832	0.0632	0.0853
75.0	0.0502	0.0657	0.0437	0.0700
78.0	0.0350	0.0547	0.0327	0.0612
81.0	0.0306	0.0459	0.0284	0.0525
84.0	0.0219	0.0394	0.0284	0.0438
87.0	0.0219	0.0328	0.0241	0.0372
90.0	0.0219	0.0262	0.0241	0.0328

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-08-11

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: