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LED Downlight SENSE Series LE-  
S68R1-11W-930-W

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Light Output Ratio:	100.0%	
Luminaire Power:	12.9 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: 25.2DEG  
Operators: Cao Chengpei  
Test Date: 2016-11-29

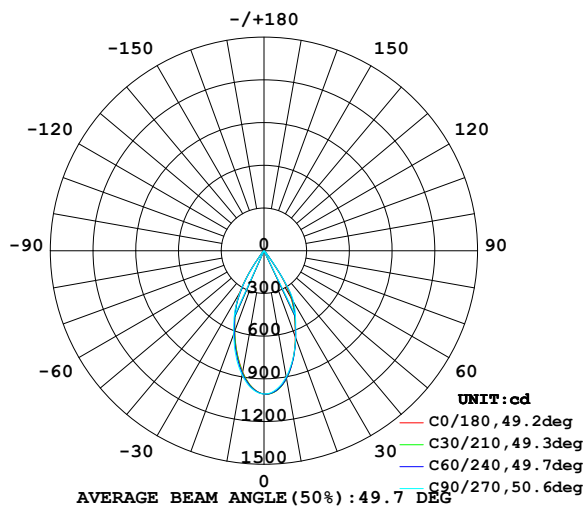
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

## LUMINAIRE PHOTOMETRIC TEST REPORT

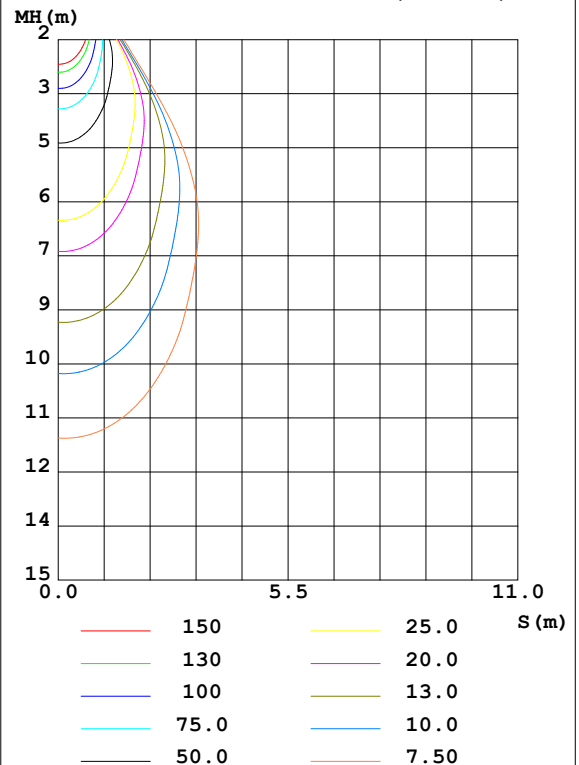
Test:U:220.6V I:0.0653A P:12.90W PF:0.8962 Lamp Flux:652.446x1 lm		
NAME: S68R1-11W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: $\phi$ 78mm*H98mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 50.56 lm/W			
MODEL	CITIZEN-3000K	I <sub>max</sub> (cd)	1008	S/MH (C0/180)	0.73
NOMINAL POWER (W)	13.0	LOR (%)	100.0	S/MH (C90/270)	0.75
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	652.45	$\eta$ UP,DN (C0-180)	0.0, 51.6
NOMINAL FLUX (lm)	652.446	CIE CLASS	DIRECT	$\eta$ UP,DN (C180-360)	0.0, 48.4
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)



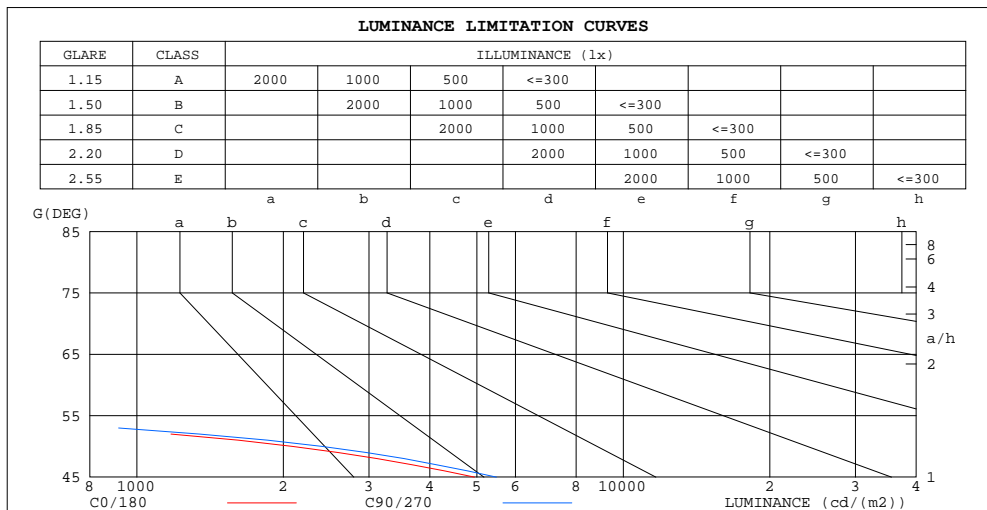
C Range: 0 - 360DEG  
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 Operators: Cao Chengpei  
 Test Date: 2016-11-29

$\gamma$  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	910.5	913.4	899.5	874.9	864.3	868.3	886.4	899.5	0- 10	90.32	90.32	13.8,13.8
20	643.1	653.1	651.8	618.5	602.6	602.3	622.5	631.2	10- 20	212.5	302.9	46.4,46.4
30	376.1	401.7	419.1	379.7	345.0	325.4	338.3	348.8	20- 30	227.3	530.1	81.3,81.3
40	37.45	41.46	41.30	37.38	33.74	32.68	33.21	34.26	30- 40	106.9	637.0	97.6,97.6
50	6.410	7.397	7.377	6.551	5.768	5.610	5.524	5.794	40- 50	13.45	650.4	99.7,99.7
60	0.3193	0.4629	0.4644	0.3444	0.2997	0.3716	0.4080	0.2995	50- 60	1.771	652.2	100,100
70	0.0895	0.0405	0.0533	0.0341	0.0405	0.0724	0.0596	0.0724	60- 70	0.1591	652.4	100,100
80	0.0342	0.0256	0.0341	0.0341	0.0320	0.0511	0.0298	0.0470	70- 80	0.0478	652.4	100,100
90	0.0959	0.0362	0.0277	0.0362	0.0277	0.0234	0.0149	0.0192	80- 90	0.0379	652.4	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	164	61
80	41	41
75	62	33
70	55	33
65	72	137
60	134	194
55	428	516
50	2088	2403
45	4944	5485

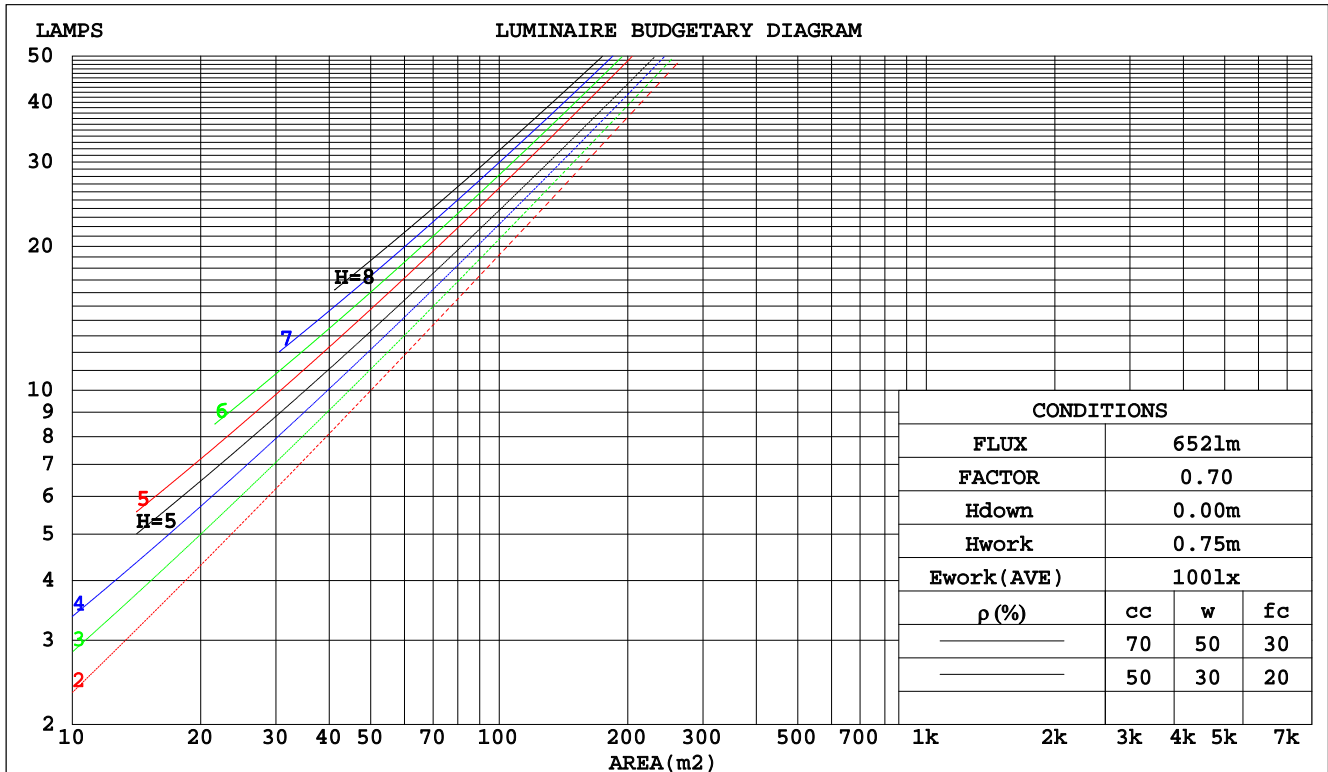
C Range: 0 - 360DEG  
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 Temperature: 25.2DEG  
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 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
 Humidity: 52%  
 Test Distance: 5.850m [K=1.0000]  
 Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.6V I:0.0653A P:12.90W PF:0.8962 Lamp Flux:652.446x1 lm		
NAME: S68R1-11W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: $\varnothing 78\text{mm} \times H98\text{mm}$	
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	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.04	1.02	1.02	1.00	.99	.98	.97	.96	.94
2.0	1.04	1.01	.98	1.03	.99	.97	.90	.97	.94	.97	.94	.92	.94	.92	.90	.89
3.0	.98	.94	.90	.97	.93	.89	.94	.91	.88	.92	.89	.86	.90	.87	.85	.84
4.0	.92	.87	.84	.91	.87	.83	.89	.85	.82	.87	.84	.81	.85	.83	.80	.79
5.0	.87	.82	.78	.86	.81	.78	.85	.80	.77	.83	.79	.76	.81	.78	.76	.74
6.0	.82	.77	.73	.82	.77	.73	.80	.76	.72	.79	.75	.72	.78	.74	.71	.70
7.0	.78	.73	.69	.77	.72	.69	.76	.72	.68	.75	.71	.68	.74	.70	.68	.66
8.0	.74	.69	.65	.74	.68	.65	.73	.68	.64	.72	.67	.64	.71	.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	.64	.60	.58	.56



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 Humidity: 52%  
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## WEC AND CCEC

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SPEC.:3000K	DIM.: $\varnothing$ 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	.165	.094	.030	.159	.091	.029	.146	.084	.027	.135	.078	.025	.124	.072	.023		
2.0	.157	.086	.026	.152	.084	.026	.141	.079	.024	.132	.074	.023	.123	.069	.022		
3.0	.150	.080	.024	.145	.078	.023	.136	.074	.022	.128	.070	.021	.120	.067	.021		
4.0	.142	.074	.022	.138	.072	.021	.131	.069	.021	.124	.066	.020	.117	.064	.019		
5.0	.136	.069	.020	.132	.068	.020	.126	.065	.019	.120	.063	.019	.114	.061	.018		
6.0	.130	.065	.019	.127	.064	.018	.121	.062	.018	.116	.060	.018	.110	.058	.017		
7.0	.124	.061	.017	.122	.061	.017	.117	.059	.017	.112	.057	.017	.107	.056	.016		
8.0	.119	.058	.016	.117	.058	.016	.112	.056	.016	.108	.055	.016	.104	.053	.016		
9.0	.115	.055	.015	.112	.055	.015	.108	.054	.015	.104	.052	.015	.101	.051	.015		
10.0	.110	.053	.015	.108	.052	.015	.105	.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	.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	.141	.113	.091	.121	.098	.079	.083	.068	.056	.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	.104	.075	.053	.072	.052	.038	.042	.031	.022	.013	.010	.007	
6.0	.114	.077	.051	.098	.067	.045	.068	.047	.032	.039	.028	.019	.013	.009	.006	
7.0	.107	.070	.043	.092	.060	.038	.064	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.102	.063	.037	.087	.055	.032	.060	.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	.017	.032	.019	.010	.010	.006	.003	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
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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:220.6V I:0.0653A P:12.90W PF:0.8962 Lamp Flux:652.446x1 lm										
NAME: S68R1-11W-930-W					TYPE:Downlight			SERIAL No.:		
SPEC.:3000K					DIM.: $\phi$ 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	16.2	17.1	16.5	17.3	17.4	17.0	17.9	17.3	18.1	18.2
3H	16.1	16.9	16.3	17.1	17.3	16.9	17.7	17.1	17.9	18.1
4H	16.0	16.7	16.3	17.0	17.2	16.8	17.6	17.1	17.8	18.0
6H	15.9	16.6	16.2	16.8	17.1	16.7	17.4	17.0	17.7	17.9
8H	15.9	16.5	16.2	16.8	17.0	16.7	17.3	17.0	17.6	17.9
12H	15.8	16.5	16.1	16.7	17.0	16.6	17.3	16.9	17.5	17.8
4H 2H	16.0	16.7	16.3	17.0	17.2	16.8	17.6	17.1	17.8	18.0
3H	15.8	16.5	16.1	16.7	17.0	16.6	17.3	16.9	17.5	17.8
4H	15.7	16.3	16.1	16.6	16.9	16.5	17.1	16.9	17.4	17.7
6H	15.6	16.1	16.0	16.5	16.8	16.4	16.9	16.8	17.3	17.6
8H	15.6	16.0	16.0	16.4	16.8	16.4	16.9	16.8	17.2	17.6
12H	15.5	16.0	15.9	16.3	16.7	16.3	16.8	16.7	17.1	17.5
8H 4H	15.6	16.0	16.0	16.4	16.8	16.4	16.9	16.8	17.2	17.6
6H	15.5	15.9	15.9	16.2	16.7	16.3	16.7	16.7	17.1	17.5
8H	15.4	15.8	15.9	16.2	16.6	16.2	16.6	16.7	17.0	17.4
12H	15.3	15.6	15.8	16.1	16.6	16.2	16.5	16.6	16.9	17.4
12H 4H	15.5	16.0	15.9	16.3	16.7	16.3	16.8	16.7	17.1	17.5
6H	15.4	15.8	15.9	16.2	16.6	16.2	16.6	16.7	17.0	17.4
8H	15.3	15.6	15.8	16.1	16.6	16.2	16.5	16.6	16.9	17.4
Variations with the observer position at spacings:										
S = 1.0H	+ 4.4 / -20.4					+ 4.6 / -19.6				
1.5H	+ 6.7 / -16.5					+ 6.9 / -16.1				
2.0H	+ 6.9 / -18.7					+ 7.0 / -16.6				

CIE Pub.117 Corrected 652.4 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.5)

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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:0.0653A P:12.90W PF:0.8962 Lamp Flux:652.446x1 lm		
NAME: S68R1-11W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: $\phi 78\text{mm} \times H98\text{mm}$	
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) $k(RI) \times RCR = 5$									
$k = 0.60$	90	84	81	90	84	81	89	84	80	77
0.80	97	92	88	97	92	88	95	91	88	85
1.00	101	96	93	100	96	92	99	95	92	88
1.25	105	100	97	104	100	97	102	98	96	92
1.50	107	103	100	106	102	99	104	101	98	94
2.00	110	106	103	108	105	102	106	103	101	96
2.50	111	108	105	110	106	104	106	104	102	96
3.00	112	109	107	111	108	106	107	105	104	97
4.00	114	112	110	112	110	108	109	107	106	99
5.00	116	113	112	113	112	110	110	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.:3000K	DIM.: $\phi$ 78mm*H98mm	
MFR.:		

Conical surface Flux(90deg):

646.06 lm

%lum = 99.0%

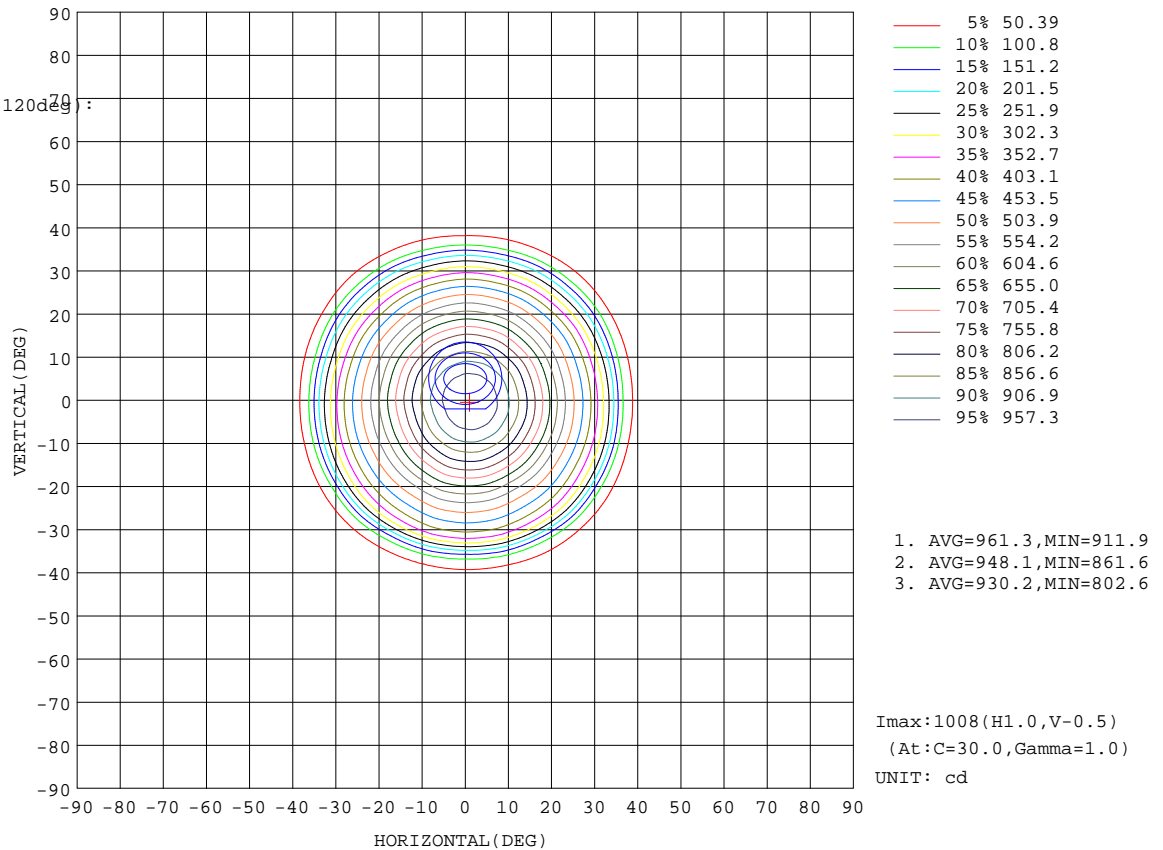
%lamp = 99.0%

Conical surface Flux(120deg):

652.2 lm

%lum = 100.0%

%lamp = 100.0%

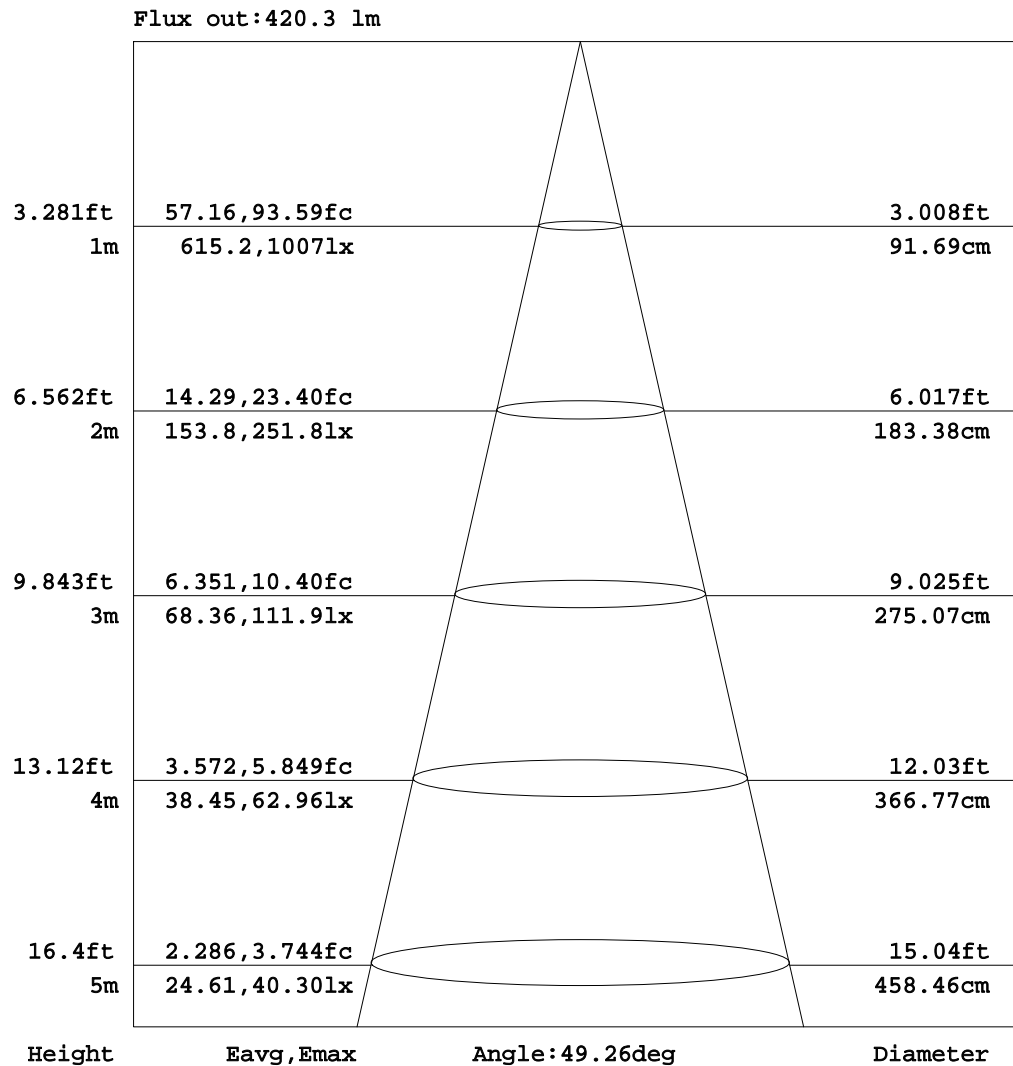


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## AAI Figure

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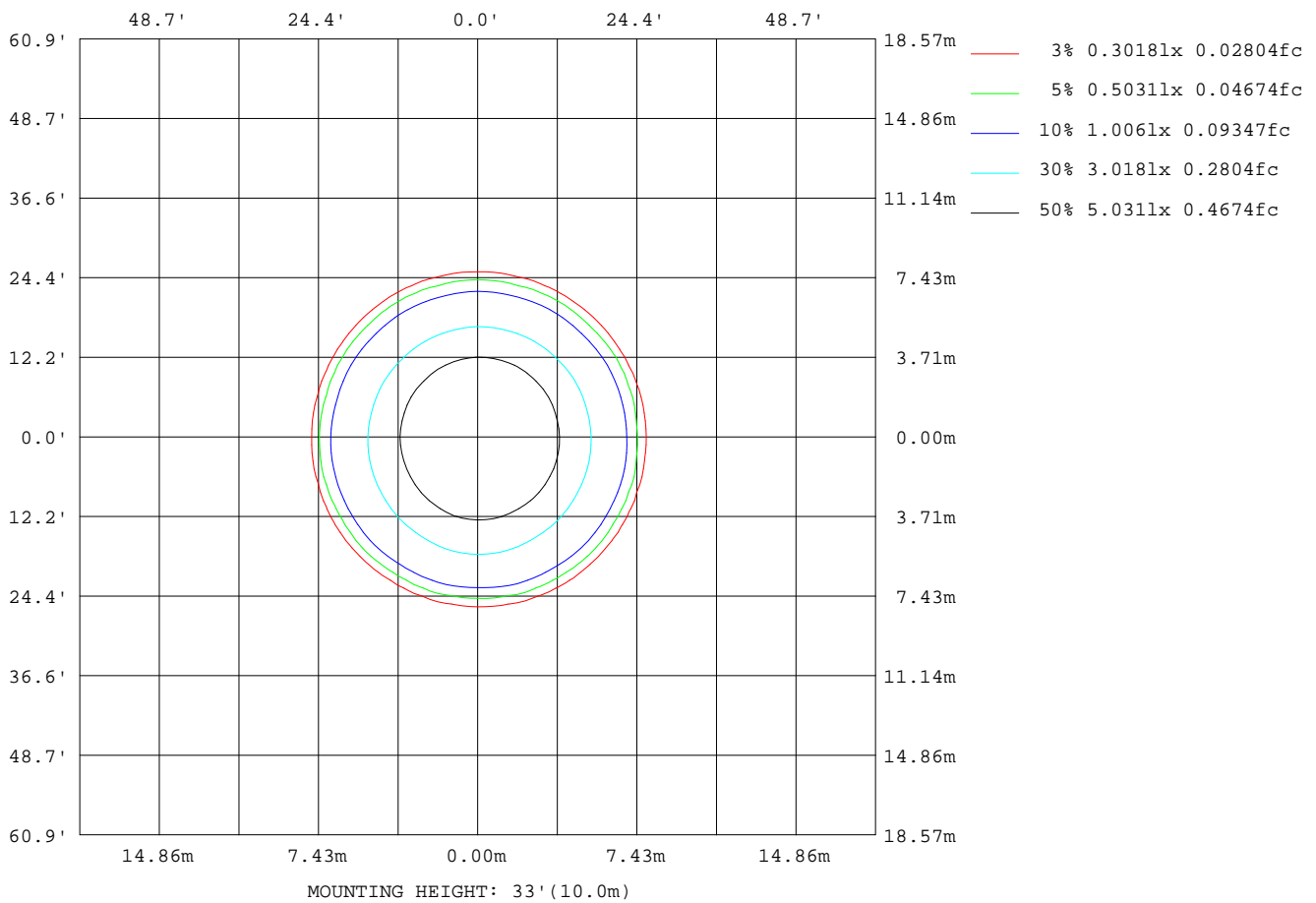
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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## ISOLUX DIAGRAM

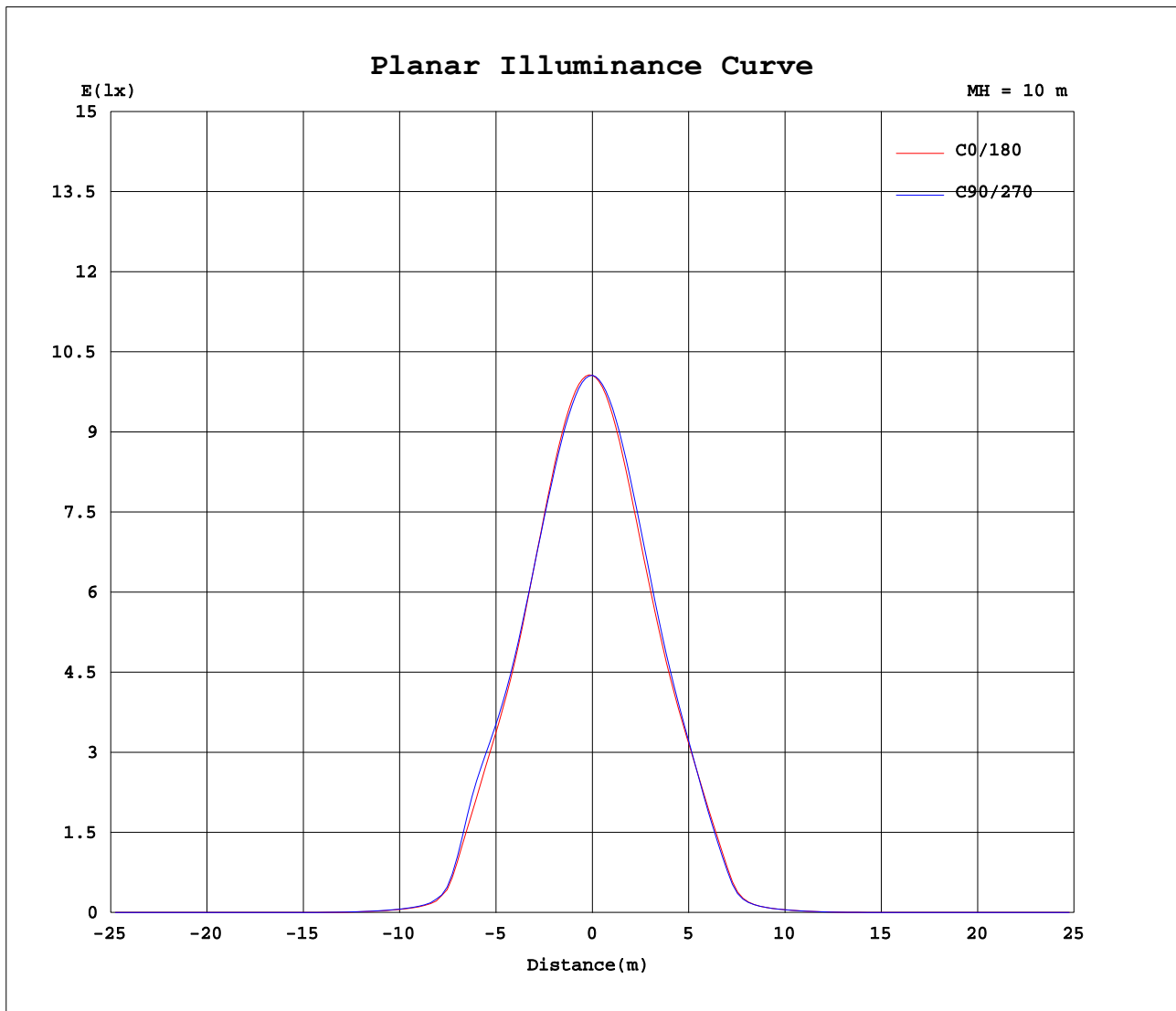
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## Planar Illuminance Curve



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

Test:U:220.6V I:0.0653A P:12.90W PF:0.8962 Lamp Flux:652.446x1 lm		
NAME: S68R1-11W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: φ78mm*H98mm	
MFR.:		

Table--1

UNIT: cd

[illegible]

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.2DEG  
Operators: Cao Chengpei  
Test Date: 2016-11-29

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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:

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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	1006	1006	1007	1006	1007	1006	1006	1006	1005	1005
3.0	1002	1003	1003	1002	1001	999.5	997.0	995.2	991.7	989.7
6.0	976.5	979.4	978.2	978.2	974.5	972.0	966.0	962.5	955.9	951.4
9.0	930.1	933.7	931.8	932.6	927.9	925.9	919.0	914.5	903.8	896.6
12.0	865.6	869.8	867.6	869.6	865.0	864.5	856.7	850.5	837.0	827.4
15.0	788.4	793.3	790.7	794.5	791.6	792.4	785.2	779.4	762.5	751.3
18.0	704.6	708.9	708.0	711.5	709.8	712.4	706.6	701.4	683.5	671.9
21.0	614.2	618.2	618.9	623.9	621.8	627.7	624.2	620.7	603.0	592.8
24.0	534.5	538.0	538.2	542.8	541.6	549.4	548.8	545.2	529.0	520.8
27.0	460.8	465.4	466.3	473.2	474.3	483.5	484.2	479.0	462.9	454.4
30.0	376.1	384.8	388.9	401.7	406.4	417.5	419.1	411.8	392.6	379.7
33.0	266.1	279.5	286.7	302.2	305.2	313.6	306.9	300.6	284.2	274.5
36.0	123.9	139.2	136.5	150.9	142.1	150.8	136.1	140.4	123.4	129.3
39.0	46.44	48.78	52.18	52.08	55.40	53.25	54.21	50.58	47.49	46.55
42.0	26.51	27.51	27.58	28.87	29.12	29.81	29.14	28.94	27.30	26.31
45.0	16.70	17.38	17.41	18.29	18.40	18.91	18.52	18.42	17.35	16.66
48.0	9.961	10.44	10.51	11.13	11.24	11.58	11.31	11.21	10.49	10.00
51.0	4.855	5.233	5.262	5.688	5.681	5.878	5.576	5.576	5.186	5.001
54.0	1.521	1.699	1.680	1.865	1.879	1.912	1.795	1.848	1.745	1.662
57.0	0.8642	0.9276	0.9133	1.028	1.126	1.158	1.099	1.098	1.005	0.8593
60.0	0.3193	0.3481	0.3388	0.4629	0.4774	0.5035	0.4644	0.4741	0.3809	0.3444
63.0	0.1685	0.1319	0.1408	0.1890	0.2518	0.3043	0.3283	0.3278	0.2687	0.1870
66.0	0.1364	0.1000	0.1087	0.1064	0.1216	0.1170	0.1527	0.1717	0.1158	0.0829
69.0	0.0959	0.0404	0.0469	0.0405	0.0682	0.0489	0.0554	0.0320	0.0426	0.0341
72.0	0.0873	0.0320	0.0448	0.0405	0.0618	0.0404	0.0469	0.0319	0.0383	0.0341
75.0	0.0768	0.0320	0.0447	0.0405	0.0575	0.0320	0.0405	0.0277	0.0362	0.0341
78.0	0.0512	0.0298	0.0384	0.0404	0.0490	0.0298	0.0383	0.0256	0.0341	0.0341
81.0	0.0341	0.0320	0.0320	0.0256	0.0426	0.0213	0.0299	0.0277	0.0341	0.0341
84.0	0.0595	0.0576	0.0383	0.0298	0.0320	0.0213	0.0277	0.0277	0.0298	0.0362
87.0	0.0809	0.0831	0.0660	0.0362	0.0277	0.0277	0.0256	0.0298	0.0298	0.0362
90.0	0.0959	0.0895	0.0682	0.0362	0.0320	0.0362	0.0277	0.0298	0.0320	0.0362
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	1005	1006	1006	1006	1007	1006	1007	1006	1006	1006
3.0	986.1	985.2	987.7	987.1	988.6	988.0	989.9	990.3	992.8	994.1
6.0	944.9	943.1	946.8	945.0	947.5	948.6	952.7	954.0	959.8	962.1
9.0	886.4	883.7	887.2	885.8	889.6	890.6	898.0	900.0	907.1	909.9
12.0	814.7	809.7	814.9	812.9	818.4	819.5	828.3	832.2	840.3	843.2
15.0	736.9	731.1	735.6	732.5	739.5	741.6	750.7	754.4	763.7	766.2
18.0	658.5	653.4	656.0	652.1	657.8	659.1	666.9	670.3	679.2	681.9
21.0	581.2	576.8	576.7	571.8	576.0	575.8	583.5	586.6	595.1	596.8
24.0	511.3	506.7	504.1	498.5	501.0	499.4	506.1	509.0	517.2	518.4
27.0	444.1	437.5	431.6	423.5	424.3	420.6	426.3	428.0	436.6	436.8
30.0	364.9	354.6	345.0	333.2	332.2	325.4	329.8	329.4	338.3	337.5
33.0	257.9	247.5	239.2	226.0	224.6	218.2	221.1	219.2	225.7	224.6
36.0	113.3	117.7	109.5	101.3	102.7	98.58	101.6	97.11	99.93	98.86
39.0	43.83	43.24	42.10	40.11	40.74	40.25	41.16	40.00	40.74	40.62
42.0	25.00	24.78	23.61	22.77	23.15	23.18	23.73	23.26	23.61	23.61
45.0	15.79	15.75	14.81	14.20	14.46	14.52	14.95	14.60	14.82	14.77
48.0	9.474	9.469	8.843	8.430	8.592	8.624	8.919	8.609	8.689	8.716
51.0	4.736	4.789	4.446	4.160	4.297	4.256	4.424	4.150	4.148	4.161
54.0	1.568	1.680	1.553	1.473	1.524	1.560	1.652	1.536	1.457	1.462
57.0	0.8304	0.9142	0.8393	0.8321	0.8565	0.9323	1.058	1.043	0.9671	0.9470
60.0	0.2911	0.2828	0.2997	0.3247	0.3359	0.3716	0.4231	0.4398	0.4080	0.3591
63.0	0.1623	0.1595	0.1828	0.2112	0.2062	0.2283	0.2928	0.3453	0.2938	0.2536
66.0	0.1025	0.0956	0.1020	0.1302	0.1233	0.1408	0.1190	0.1518	0.1614	0.1345
69.0	0.0405	0.0362	0.0447	0.0661	0.0554	0.0746	0.0575	0.0660	0.0660	0.0767
72.0	0.0405	0.0362	0.0383	0.0618	0.0510	0.0682	0.0510	0.0597	0.0490	0.0703
75.0	0.0383	0.0362	0.0320	0.0554	0.0383	0.0597	0.0383	0.0554	0.0447	0.0660
78.0	0.0362	0.0362	0.0320	0.0490	0.0319	0.0512	0.0319	0.0511	0.0362	0.0596
81.0	0.0362	0.0362	0.0320	0.0469	0.0277	0.0469	0.0277	0.0342	0.0234	0.0469
84.0	0.0362	0.0362	0.0320	0.0405	0.0213	0.0384	0.0191	0.0277	0.0149	0.0320
87.0	0.0362	0.0362	0.0277	0.0362	0.0213	0.0320	0.0170	0.0213	0.0149	0.0192
90.0	0.0362	0.0362	0.0277	0.0277	0.0213	0.0234	0.0170	0.0170	0.0149	0.0149
G/C	300.0	315.0	330.0	345.0						
0.0	1005	1005	1005	1005						
3.0	996.7	998.0	1001	1002						
6.0	967.3	968.9	973.8	975.0						
9.0	917.5	920.0	926.3	927.3						
12.0	851.1	853.5	860.4	861.0						
15.0	774.2	775.7	782.7	782.2						
18.0	690.8	690.9	697.8	697.3						
21.0	603.3	603.0	608.6	607.5						

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.2DEG  
 Operators: Cao Chengpei  
 Test Date: 2016-11-29

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	524.8	524.0	529.5	527.8
27.0	443.8	444.5	452.7	453.4
30.0	345.9	348.8	362.7	366.8
33.0	232.4	234.5	248.9	255.8
36.0	107.3	108.2	122.9	121.4
39.0	42.32	42.24	44.47	45.05
42.0	24.34	24.18	25.20	25.43
45.0	15.24	15.19	15.85	15.98
48.0	9.015	9.012	9.483	9.584
51.0	4.398	4.370	4.708	4.712
54.0	1.529	1.427	1.479	1.464
57.0	0.9632	0.8276	0.8443	0.8148
60.0	0.3926	0.2995	0.3053	0.3038
63.0	0.1617	0.1493	0.1340	0.1620
66.0	0.0979	0.1109	0.0957	0.1236
69.0	0.0660	0.0725	0.0383	0.0576
72.0	0.0660	0.0724	0.0362	0.0490
75.0	0.0575	0.0703	0.0362	0.0405
78.0	0.0490	0.0682	0.0277	0.0362
81.0	0.0425	0.0405	0.0277	0.0341
84.0	0.0254	0.0256	0.0490	0.0298
87.0	0.0149	0.0213	0.0724	0.0616
90.0	0.0149	0.0192	0.0724	0.0724

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.2DEG  
Operators: Cao Chengpei  
Test Date: 2016-11-29

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: