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LED Downlight SENSE Series LE-  
S68R1-7.5W-930-W

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Light Output Ratio:	100.0%	
Luminaire Power:	9.133 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

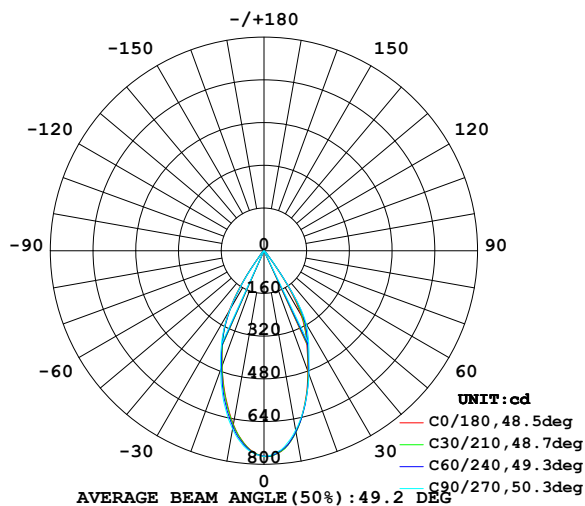
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

## LUMINAIRE PHOTOMETRIC TEST REPORT

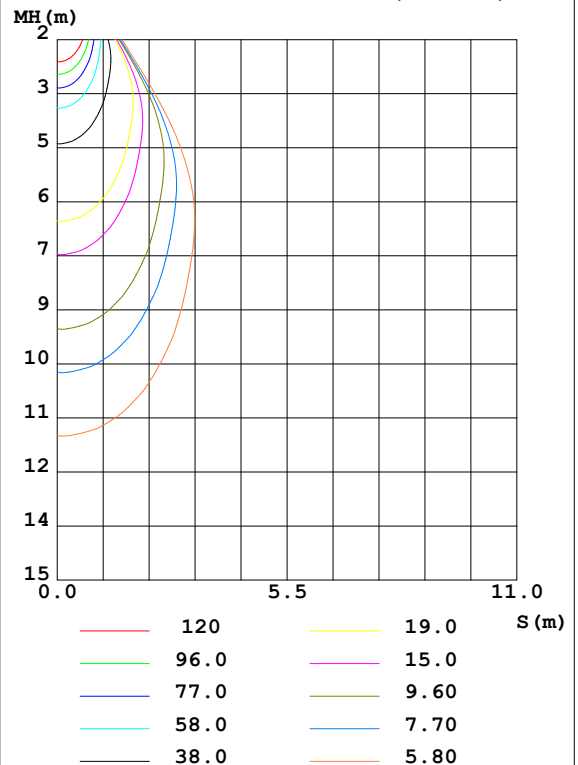
Test:U:220.6V I:0.0476A P:9.133W PF:0.8693 Lamp Flux:495.644x1 lm		
NAME: S68R1-7.5W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: $\phi$ 78mm*H98mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 54.27 lm/W			
MODEL	CITIZEN-3000K	I <sub>max</sub> (cd)	772.4	S/MH (C0/180)	0.72
NOMINAL POWER (W)	9.0	LOR (%)	100.0	S/MH (C90/270)	0.74
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	495.64	$\eta$ UP, DN (C0-180)	0.0, 51.3
NOMINAL FLUX (lm)	495.644	CIE CLASS	DIRECT	$\eta$ UP, DN (C180-360)	0.0, 48.7
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)



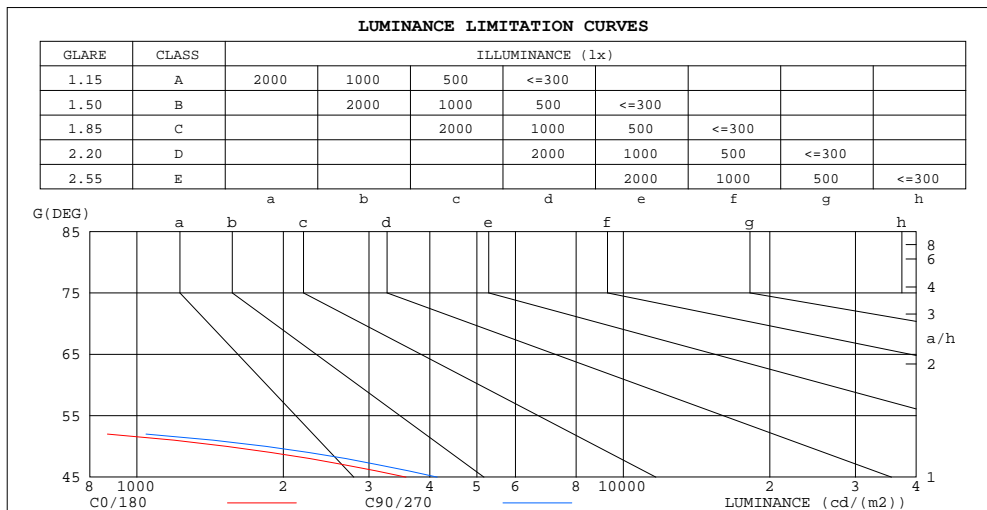
C Range: 0 - 360DEG  
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 Temperature: 25.2DEG  
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$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
 Humidity: 52%  
 Test Distance: 5.850m [K=1.0000]  
 Remarks:

## 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	688.9	692.2	682.6	667.9	660.7	664.2	678.4	688.6	0- 10	68.99	68.99	13.9,13.9
20	480.5	489.5	492.1	470.7	459.1	460.5	474.7	480.5	10- 20	161.5	230.5	46.5,46.5
30	278.9	300.0	316.1	289.1	264.9	249.9	258.2	264.8	20- 30	172.3	402.8	81.3,81.3
40	27.10	30.56	31.11	28.90	26.85	25.93	25.81	26.07	30- 40	80.97	483.8	97.6,97.6
50	4.700	5.480	5.663	5.131	4.720	4.551	4.356	4.457	40- 50	10.30	494.1	99.7,99.7
60	0.2400	0.3503	0.3552	0.2635	0.2273	0.2841	0.3038	0.2311	50- 60	1.372	495.5	100,100
70	0.0661	0.0362	0.0426	0.0192	0.0320	0.0512	0.0341	0.0511	60- 70	0.1171	495.6	100,100
80	0.0277	0.0170	0.0213	0.0192	0.0192	0.0341	0.0127	0.0320	70- 80	0.0333	495.6	100,100
90	0.0639	0.0213	0.0170	0.0192	0.0192	0.0149	0.0085	0.0128	80- 90	0.0249	495.6	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	102	41
80	33	26
75	47	26
70	40	26
65	54	106
60	100	149
55	315	394
50	1531	1845
45	3574	4142

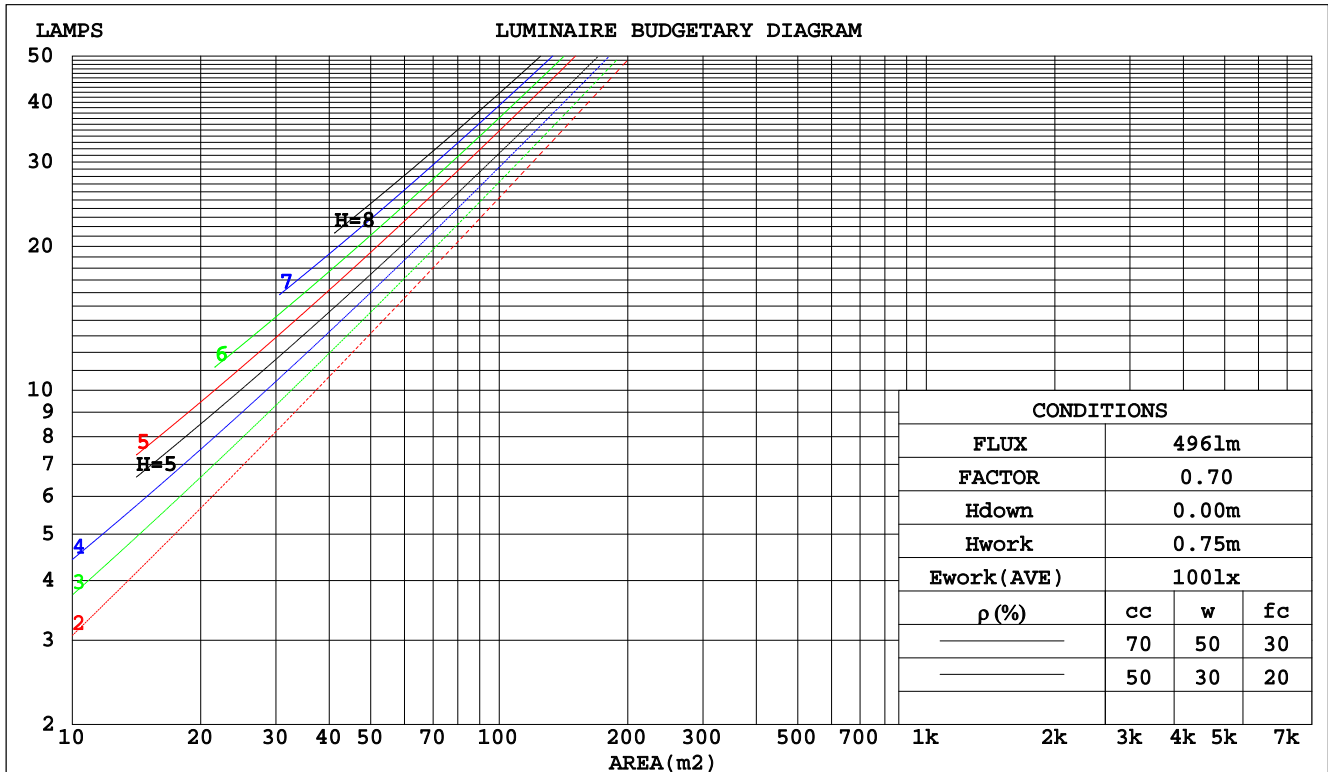
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 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
 Humidity: 52%  
 Test Distance: 5.850m [K=1.0000]  
 Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.6V I:0.0476A P:9.133W PF:0.8693 Lamp Flux:495.644x1 lm		
NAME: S68R1-7.5W-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	.91	.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	.83	.77	.73	.82	.77	.73	.80	.76	.72	.79	.75	.72	.78	.74	.71	.70
7.0	.78	.73	.69	.78	.72	.69	.76	.72	.68	.75	.71	.68	.74	.70	.68	.66
8.0	.74	.69	.65	.74	.68	.65	.73	.68	.65	.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	.61	.58	.56



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## WEC AND CCEC

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SPEC.:3000K	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	.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	.066	.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	.119	.063	.019	.114	.061	.018		
6.0	.130	.065	.019	.127	.064	.018	.121	.062	.018	.115	.060	.018	.110	.058	.017		
7.0	.124	.061	.017	.122	.061	.017	.116	.059	.017	.112	.057	.017	.107	.056	.016		
8.0	.119	.058	.016	.117	.057	.016	.112	.056	.016	.108	.055	.016	.104	.053	.016		
9.0	.114	.055	.015	.112	.055	.015	.108	.053	.015	.104	.052	.015	.101	.051	.015		
10.0	.110	.053	.015	.108	.052	.015	.104	.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:0.0476A P:9.133W PF:0.8693 Lamp Flux:495.644x1 lm										
NAME: S68R1-7.5W-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	15.1	15.9	15.3	16.1	16.3	16.0	16.9	16.2	17.0	17.2
3H	14.9	15.7	15.2	15.9	16.1	15.8	16.6	16.1	16.8	17.0
4H	14.8	15.6	15.1	15.8	16.0	15.7	16.5	16.0	16.7	16.9
6H	14.7	15.4	15.0	15.7	15.9	15.6	16.4	15.9	16.6	16.8
8H	14.7	15.4	15.0	15.6	15.9	15.6	16.3	15.9	16.5	16.8
12H	14.6	15.3	15.0	15.6	15.8	15.6	16.2	15.9	16.5	16.7
4H 2H	14.8	15.6	15.1	15.8	16.0	15.7	16.5	16.0	16.7	16.9
3H	14.6	15.3	15.0	15.6	15.8	15.6	16.2	15.9	16.5	16.7
4H	14.5	15.1	14.9	15.4	15.7	15.5	16.1	15.8	16.4	16.7
6H	14.4	15.0	14.8	15.3	15.6	15.4	15.9	15.7	16.2	16.6
8H	14.4	14.9	14.8	15.2	15.6	15.3	15.8	15.7	16.1	16.5
12H	14.3	14.8	14.8	15.2	15.5	15.3	15.7	15.7	16.1	16.5
8H 4H	14.4	14.9	14.8	15.2	15.6	15.3	15.8	15.7	16.1	16.5
6H	14.3	14.7	14.7	15.1	15.5	15.2	15.6	15.6	16.0	16.4
8H	14.2	14.6	14.7	15.0	15.4	15.2	15.5	15.6	15.9	16.4
12H	14.2	14.5	14.6	14.9	15.4	15.1	15.4	15.6	15.8	16.3
12H 4H	14.3	14.8	14.8	15.2	15.5	15.3	15.7	15.7	16.1	16.5
6H	14.2	14.6	14.7	15.0	15.4	15.2	15.5	15.6	15.9	16.4
8H	14.2	14.5	14.6	14.9	15.4	15.1	15.4	15.6	15.8	16.3
Variations with the observer position at spacings:										
S = 1.0H	+ 4.5 / -20.4					+ 4.6 / -19.5				
1.5H	+ 6.8 / -16.4					+ 7.0 / -16.0				
2.0H	+ 6.9 / -18.8					+ 7.1 / -16.7				

CIE Pub.117 Corrected 495.6 lm Total Lamp Luminous Flux.(8log(F/F0) = -2.4)

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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:0.0476A P:9.133W PF:0.8693 Lamp Flux:495.644x1 lm		
NAME: S68R1-7.5W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	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	81	90	84	81	89	84	80	77
0.80	97	92	88	97	91	88	95	91	88	85
1.00	101	96	93	100	96	92	99	95	92	88
1.25	105	100	97	104	100	96	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):

490.73 lm

%lum = 99.0%

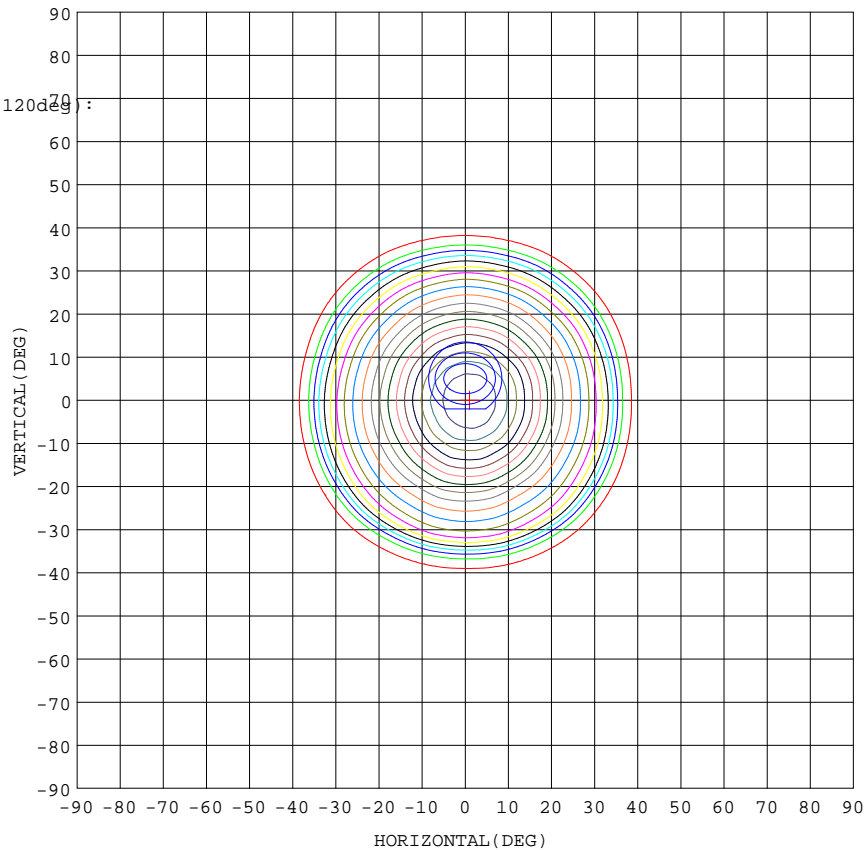
%lamp = 99.0%

Conical surface Flux(120deg):

495.47 lm

%lum = 100.0%

%lamp = 100.0%



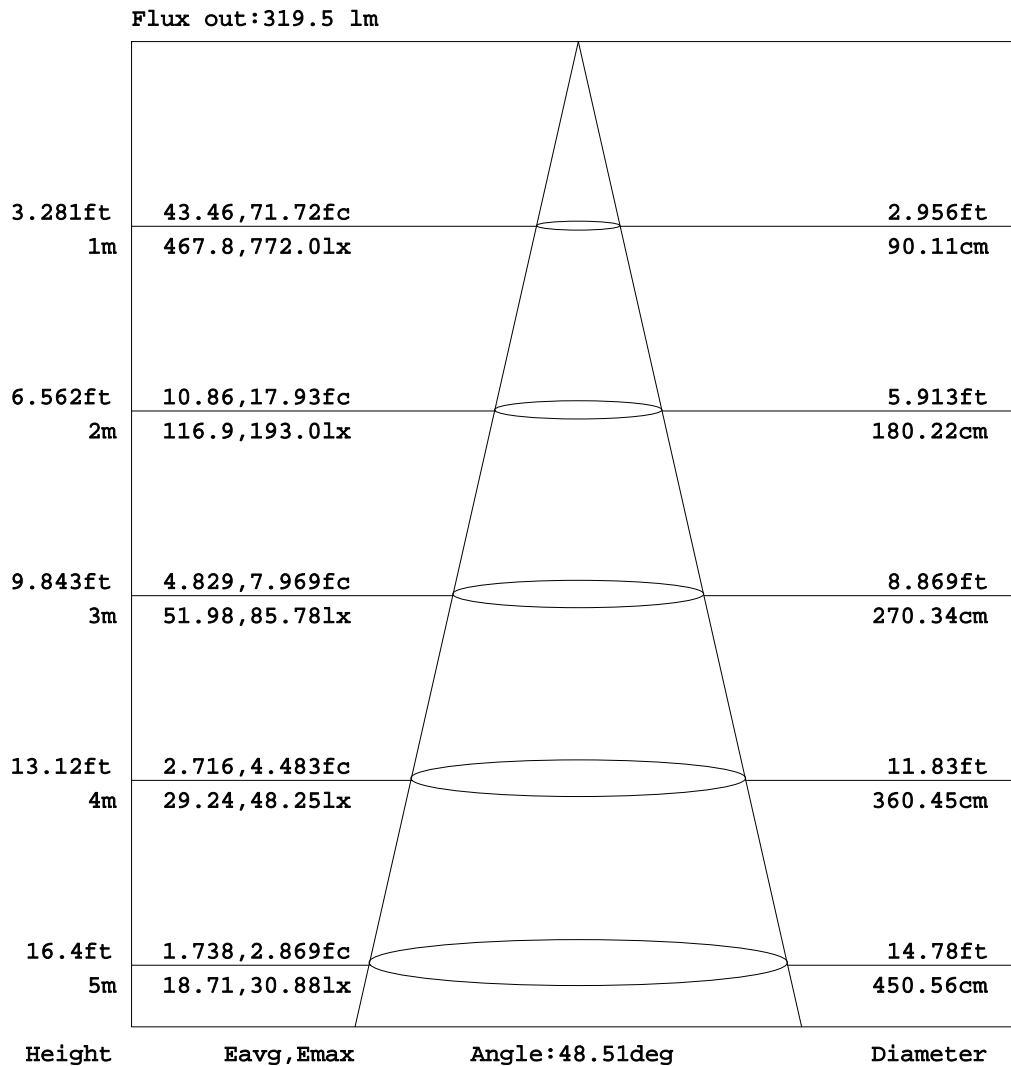
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## AAI Figure

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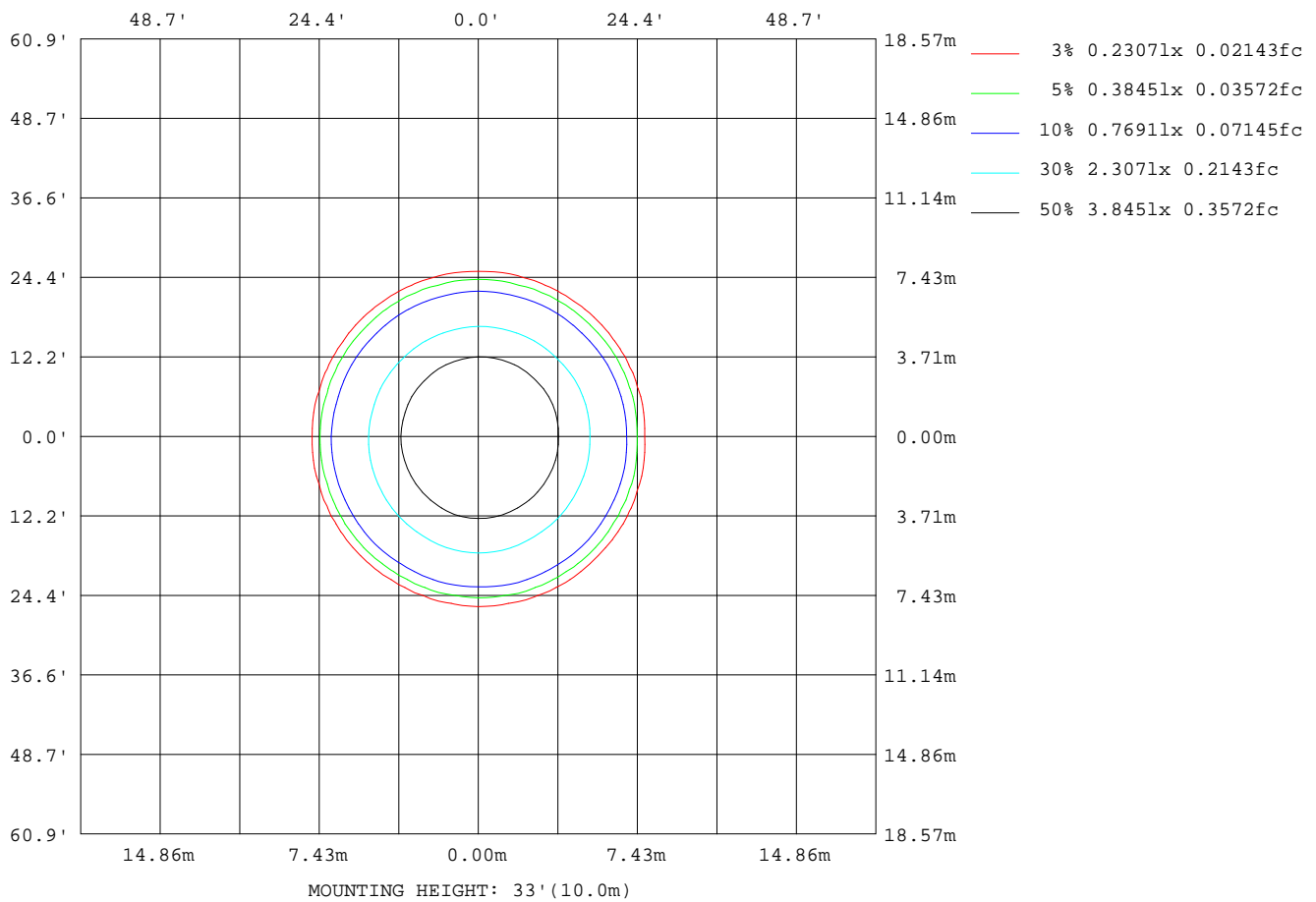
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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## ISOLUX DIAGRAM

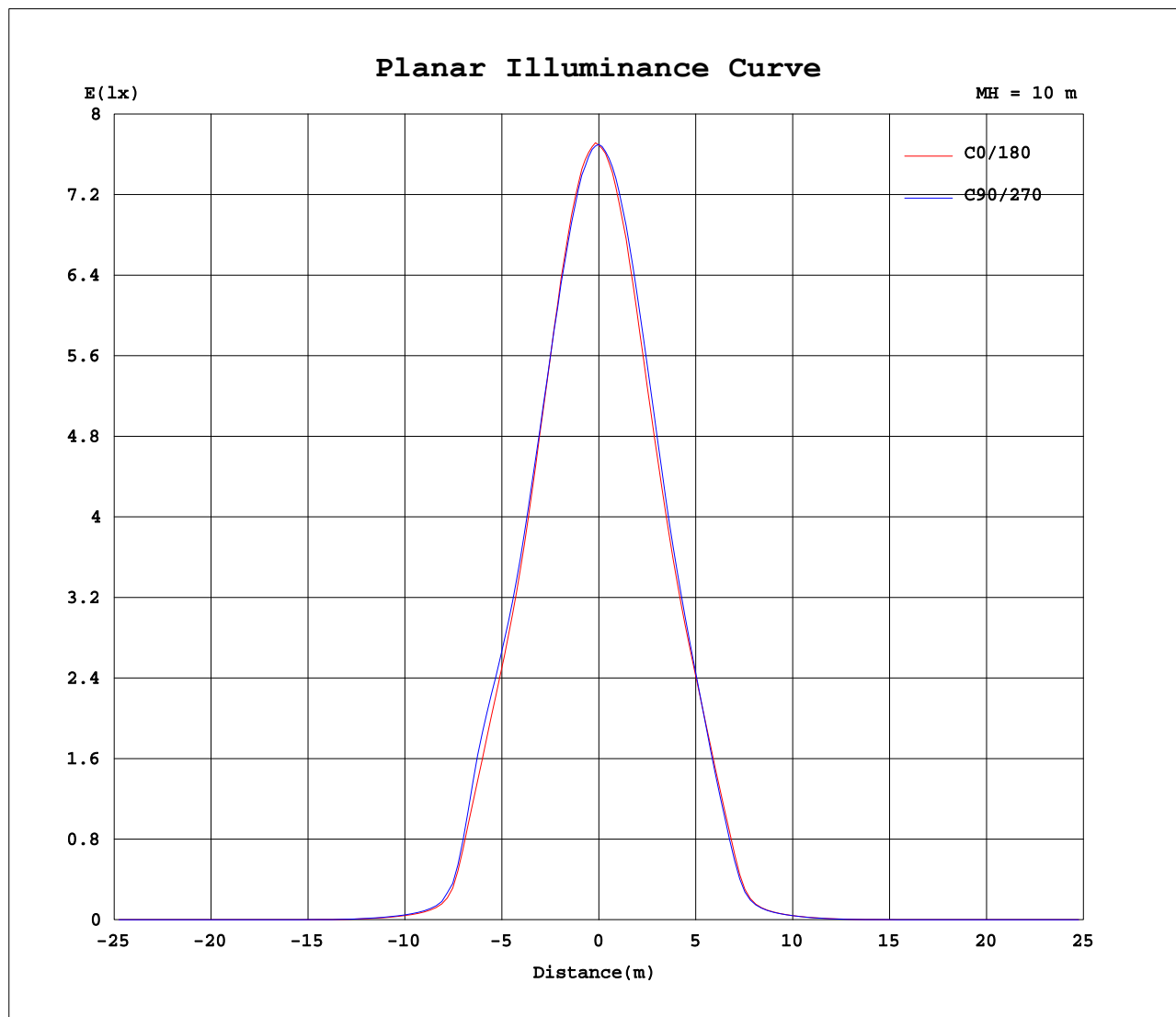
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## Planar Illuminance Curve



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

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NAME: S68R1-7.5W-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

```

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:0.0476A P:9.133W PF:0.8693 Lamp Flux:495.644x1 lm		
NAME: S68R1-7.5W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: $\phi 78\text{mm} \times \text{H}98\text{mm}$	
MFR.:		

Table--2

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

```

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	769.1	769.7	771.0	769.2	769.4	768.5	769.8	769.2	769.7	769.5
3.0	764.9	766.7	765.3	766.7	764.1	763.6	760.7	760.1	758.2	759.0
6.0	743.3	747.2	745.5	743.8	741.9	740.0	737.5	733.6	730.3	728.3
9.0	705.2	707.0	705.9	707.4	704.1	704.0	698.3	697.1	690.1	684.8
12.0	653.0	655.7	655.1	657.2	654.7	654.8	649.5	646.4	636.8	631.6
15.0	591.5	596.1	594.8	597.5	596.9	598.1	593.9	591.1	580.8	572.0
18.0	525.9	530.7	530.5	534.0	533.2	536.9	534.3	531.0	519.1	511.4
21.0	458.1	462.0	462.8	467.0	468.1	472.8	471.6	470.2	458.1	451.1
24.0	397.5	401.0	402.4	406.5	406.3	414.1	414.0	413.2	401.4	396.9
27.0	341.9	346.2	347.7	354.4	356.2	363.8	365.9	363.5	351.8	346.4
30.0	278.9	285.7	289.2	300.0	304.6	314.5	316.1	311.9	298.6	289.1
33.0	197.3	207.1	213.6	225.9	228.3	235.7	231.4	227.8	215.9	209.3
36.0	91.41	99.88	101.5	108.5	106.4	108.7	102.8	101.2	93.99	93.83
39.0	33.67	35.56	36.13	38.45	38.82	39.95	38.68	38.49	36.47	35.91
42.0	19.07	19.85	20.05	21.11	21.51	22.23	21.97	22.05	20.98	20.38
45.0	12.07	12.57	12.68	13.40	13.63	14.14	13.99	14.06	13.39	12.94
48.0	7.247	7.601	7.705	8.200	8.350	8.693	8.599	8.599	8.135	7.818
51.0	3.582	3.848	3.904	4.237	4.289	4.472	4.311	4.336	4.072	3.945
54.0	1.136	1.269	1.262	1.412	1.431	1.469	1.386	1.442	1.360	1.307
57.0	0.6359	0.6851	0.6764	0.7683	0.8405	0.8745	0.8319	0.8382	0.7660	0.6658
60.0	0.2400	0.2567	0.2551	0.3503	0.3639	0.3845	0.3552	0.3571	0.2974	0.2635
63.0	0.1279	0.0936	0.1067	0.1359	0.1942	0.2298	0.2494	0.2406	0.2026	0.1381
66.0	0.1023	0.0660	0.0789	0.0766	0.0917	0.0829	0.1140	0.1229	0.0879	0.0616
69.0	0.0682	0.0298	0.0362	0.0362	0.0511	0.0298	0.0405	0.0192	0.0320	0.0192
72.0	0.0639	0.0213	0.0320	0.0362	0.0426	0.0298	0.0362	0.0149	0.0278	0.0192
75.0	0.0576	0.0192	0.0298	0.0362	0.0426	0.0213	0.0320	0.0149	0.0256	0.0192
78.0	0.0405	0.0192	0.0277	0.0318	0.0363	0.0170	0.0256	0.0149	0.0234	0.0192
81.0	0.0256	0.0235	0.0234	0.0170	0.0320	0.0170	0.0213	0.0149	0.0213	0.0192
84.0	0.0298	0.0405	0.0277	0.0170	0.0192	0.0170	0.0170	0.0149	0.0213	0.0192
87.0	0.0617	0.0597	0.0362	0.0170	0.0171	0.0170	0.0170	0.0149	0.0213	0.0192
90.0	0.0639	0.0618	0.0383	0.0213	0.0170	0.0170	0.0170	0.0149	0.0213	0.0192
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	768.7	769.6	769.1	771.0	769.7	769.4	768.5	769.8	769.2	769.5
3.0	755.4	754.5	754.7	755.3	755.7	755.9	758.0	757.3	759.2	761.4
6.0	723.7	722.3	723.4	722.5	725.4	724.9	729.2	729.7	734.6	735.5
9.0	677.9	676.8	678.1	677.7	680.8	680.4	687.5	688.8	694.6	696.1
12.0	623.1	620.0	621.7	620.2	624.6	627.7	633.2	636.9	642.9	644.4
15.0	563.8	559.4	560.8	558.4	564.8	567.5	575.1	576.6	584.1	584.4
18.0	502.2	501.1	499.8	497.7	502.0	503.6	509.3	512.9	520.0	521.2
21.0	444.1	440.9	439.5	436.3	439.5	440.2	445.6	447.4	454.5	455.7
24.0	390.7	387.4	384.0	381.0	382.9	381.5	386.7	388.9	394.4	395.3
27.0	338.8	334.4	329.6	324.6	324.9	322.3	326.3	327.8	333.0	332.9
30.0	278.7	271.2	264.9	255.6	255.1	249.9	253.2	251.9	258.2	256.9
33.0	197.1	189.4	183.7	173.7	172.7	167.8	169.4	167.6	172.7	171.2
36.0	86.82	85.26	84.84	78.59	79.80	76.48	78.60	74.87	76.76	75.62
39.0	33.97	33.64	33.31	31.83	32.29	31.79	32.36	31.27	31.61	31.24
42.0	19.44	19.38	18.95	18.29	18.55	18.53	18.84	18.30	18.39	18.23
45.0	12.32	12.32	11.95	11.49	11.68	11.65	11.91	11.53	11.60	11.44
48.0	7.428	7.425	7.175	6.846	6.973	6.957	7.130	6.827	6.825	6.770
51.0	3.736	3.780	3.658	3.414	3.510	3.461	3.573	3.306	3.286	3.255
54.0	1.230	1.316	1.264	1.191	1.220	1.234	1.299	1.199	1.127	1.135
57.0	0.6446	0.7080	0.6673	0.6572	0.6739	0.7296	0.8204	0.7955	0.7378	0.7272
60.0	0.2227	0.2168	0.2273	0.2522	0.2549	0.2841	0.3230	0.3352	0.3038	0.2779
63.0	0.1238	0.1170	0.1275	0.1558	0.1445	0.1685	0.2121	0.2537	0.2150	0.1897
66.0	0.0769	0.0658	0.0722	0.1003	0.0808	0.1045	0.0807	0.1112	0.1125	0.1004
69.0	0.0320	0.0298	0.0320	0.0511	0.0298	0.0554	0.0298	0.0469	0.0362	0.0575
72.0	0.0277	0.0319	0.0298	0.0447	0.0277	0.0490	0.0298	0.0426	0.0320	0.0511
75.0	0.0256	0.0277	0.0234	0.0405	0.0277	0.0426	0.0298	0.0384	0.0319	0.0447
78.0	0.0256	0.0277	0.0192	0.0362	0.0212	0.0383	0.0212	0.0320	0.0234	0.0405
81.0	0.0256	0.0277	0.0192	0.0341	0.0149	0.0320	0.0128	0.0277	0.0085	0.0341
84.0	0.0256	0.0277	0.0192	0.0256	0.0149	0.0277	0.0107	0.0192	0.0085	0.0213
87.0	0.0256	0.0277	0.0192	0.0235	0.0149	0.0213	0.0107	0.0149	0.0085	0.0128
90.0	0.0256	0.0277	0.0192	0.0192	0.0149	0.0149	0.0107	0.0107	0.0085	0.0107
G/C	300.0	315.0	330.0	345.0						
0.0	769.7	769.5	768.7	769.6						
3.0	762.6	765.9	766.8	767.2						
6.0	741.0	740.8	746.4	745.3						
9.0	702.0	704.2	706.7	707.9						
12.0	650.4	651.2	656.8	657.0						
15.0	590.5	592.4	595.7	595.9						
18.0	526.1	527.1	531.6	529.9						
21.0	460.0	458.5	462.9	462.1						

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	399.2	398.2	402.6	399.7
27.0	336.9	337.1	343.7	343.9
30.0	262.9	264.8	274.9	278.3
33.0	176.6	177.5	188.6	193.5
36.0	81.52	82.08	90.15	91.92
39.0	32.35	32.11	33.81	34.11
42.0	18.63	18.40	19.12	19.23
45.0	11.70	11.59	12.03	12.11
48.0	6.943	6.902	7.224	7.275
51.0	3.405	3.372	3.606	3.603
54.0	1.176	1.099	1.135	1.119
57.0	0.7357	0.6356	0.6401	0.6207
60.0	0.2949	0.2311	0.2247	0.2310
63.0	0.1191	0.1109	0.0936	0.1215
66.0	0.0702	0.0852	0.0639	0.0917
69.0	0.0405	0.0533	0.0340	0.0426
72.0	0.0425	0.0511	0.0298	0.0341
75.0	0.0341	0.0532	0.0298	0.0320
78.0	0.0298	0.0490	0.0192	0.0256
81.0	0.0297	0.0277	0.0192	0.0192
84.0	0.0107	0.0150	0.0341	0.0213
87.0	0.0107	0.0149	0.0533	0.0383
90.0	0.0107	0.0128	0.0533	0.0511

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: