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LED Downlight SENSE Series LE-  
S100R1-13W-930-W

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Light Output Ratio:	100.0%	
Luminaire Power:	14.36 W	
SHR Nominal:	0.75	Calculated using the TM5
SHR Maximum:	0.80	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: 2017-05-12

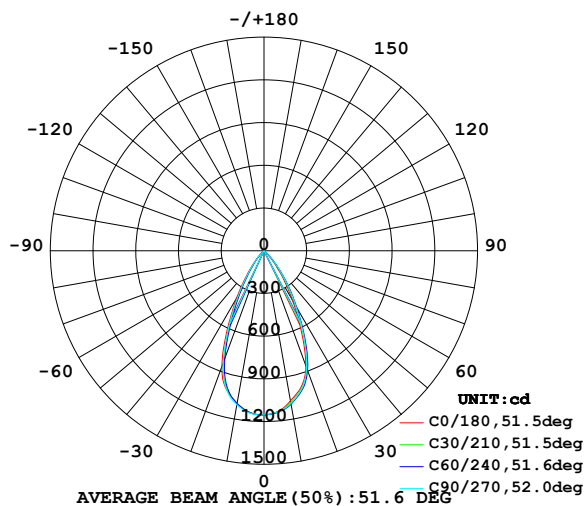
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

## LUMINAIRE PHOTOMETRIC TEST REPORT

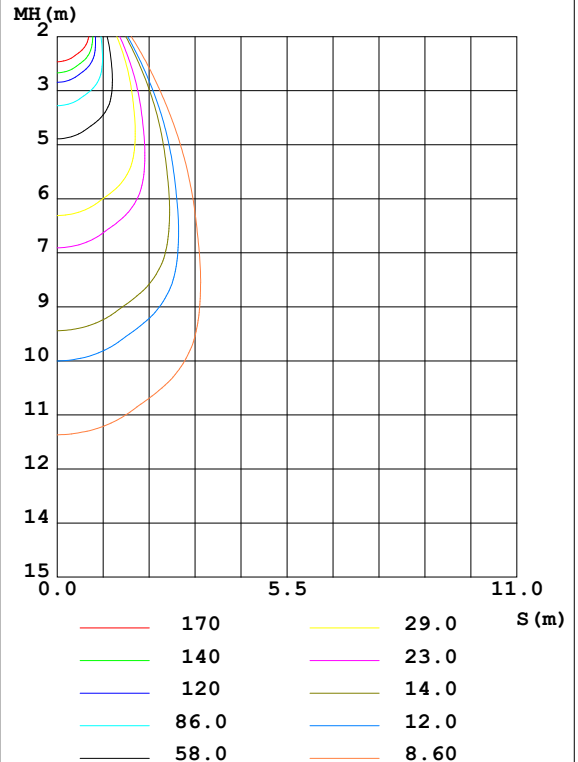
Test:U:220.8V I:0.0712A P:14.36W PF:0.9132 Lamp Flux:852.582x1 lm		
NAME: S100R1-13W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: $\phi$ 108mm*H126mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 59.39 lm/W			
MODEL	CITIZEN-3000K	I <sub>max</sub> (cd)	1154	S/MH (C0/180)	0.78
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	0.76
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	852.58	$\eta$ UP, DN (C0-180)	0.0, 52.5
NOMINAL FLUX (lm)	852.582	CIE CLASS	DIRECT	$\eta$ UP, DN (C180-360)	0.0, 47.5
LAMPS INSIDE	1	$\eta$ up (%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	220	$\eta$ down (%)	100.0	CIBSE SHR MAX	0.80

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



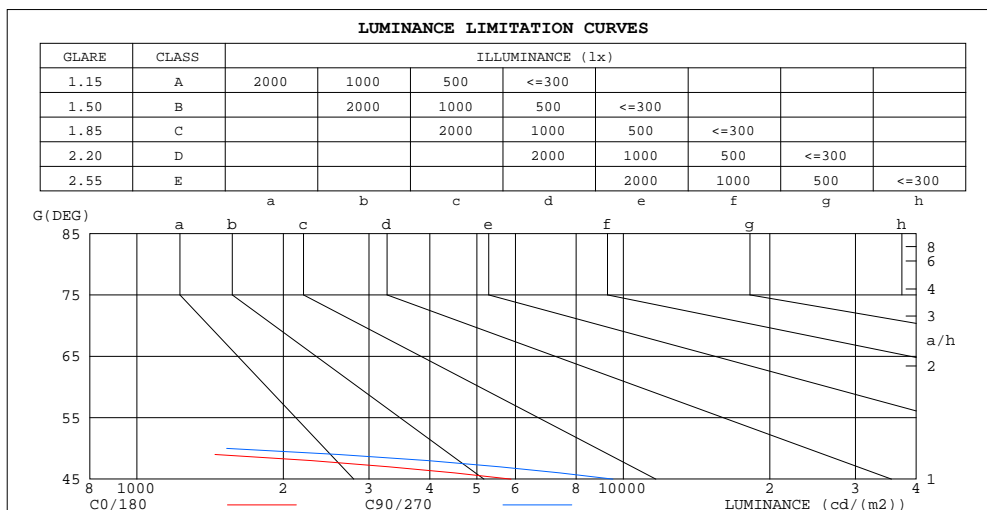
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
 Test Date: 2017-05-12

$\gamma$  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	1069	1091	1090	1085	1088	1087	1099	1084	0- 10	107.0	107.0	12.5,12.5
20	861.6	891.4	874.5	864.5	866.5	812.0	838.5	859.2	10- 20	279.0	385.9	45.3,45.3
30	400.0	456.7	448.5	423.0	386.0	326.0	356.8	377.6	20- 30	280.8	666.8	78.2,78.2
40	109.7	149.7	150.7	132.5	106.4	84.91	95.50	98.53	30- 40	146.5	813.2	95.4,95.4
50	4.696	8.920	9.001	8.254	7.604	4.861	5.341	4.489	40- 50	37.78	851.0	99.8,99.8
60	0.3047	0.3512	0.3487	0.3468	0.3553	0.3308	0.3423	0.3198	50- 60	1.361	852.4	100,100
70	0.0656	0.0415	0.0634	0.0372	0.0459	0.0853	0.0677	0.0853	60- 70	0.1233	852.5	100,100
80	0.0351	0.0328	0.0350	0.0372	0.0241	0.0372	0.0241	0.0328	70- 80	0.0431	852.5	100,100
90	0.0350	0.0350	0.0350	0.0372	0.0241	0.0241	0.0241	0.0241	80- 90	0.0344	852.6	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	44	44
80	22	22
75	17	18
70	21	20
65	23	20
60	67	76
55	181	223
50	798	1529
45	5875	9517

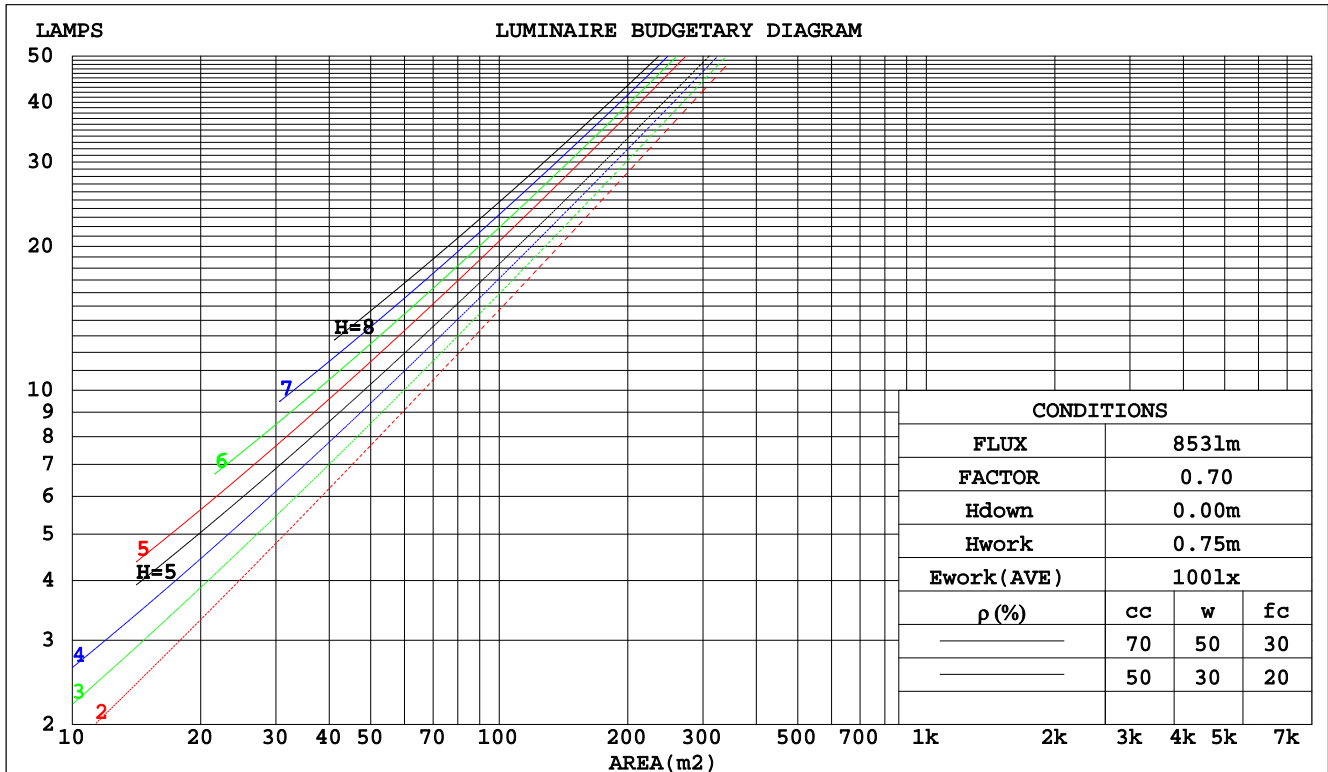
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Meng Yongjian  
 Test Date:2017-05-12

$\gamma$  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:220.8V I:0.0712A P:14.36W PF:0.9132 Lamp Flux:852.582x1 lm		
NAME: S100R1-13W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: $\phi$ 108mm*H126mm	
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	Coefficients of Utilization(CU)															
RCR:Room Cavity Ratio																
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	1.03	1.02	1.01	1.00	.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	.89	.94	.90	.87	.91	.88	.86	.89	.87	.84	.83
4.0	.92	.87	.83	.91	.86	.82	.88	.84	.81	.87	.83	.80	.85	.82	.79	.78
5.0	.86	.81	.77	.85	.80	.77	.84	.79	.76	.82	.78	.75	.81	.77	.75	.73
6.0	.82	.76	.72	.81	.75	.72	.79	.75	.71	.78	.74	.71	.77	.73	.70	.69
7.0	.77	.71	.67	.76	.71	.67	.75	.70	.67	.74	.70	.67	.73	.69	.66	.65
8.0	.73	.67	.63	.72	.67	.63	.71	.67	.63	.70	.66	.63	.69	.65	.63	.61
9.0	.69	.64	.60	.69	.63	.60	.68	.63	.60	.67	.63	.59	.66	.62	.59	.58
10.0	.66	.60	.57	.65	.60	.57	.65	.60	.56	.64	.59	.56	.63	.59	.56	.55



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## WEC AND CCEC

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$\rho_{cc}$	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	.169	.096	.030	.162	.092	.029	.149	.086	.027	.138	.079	.026	.127	.074	.024	
2.0	.161	.088	.027	.155	.085	.026	.145	.080	.025	.135	.076	.024	.126	.071	.022	
3.0	.153	.081	.024	.148	.079	.024	.139	.076	.023	.131	.072	.022	.123	.068	.021	
4.0	.146	.076	.022	.142	.074	.022	.134	.071	.021	.127	.068	.021	.120	.065	.020	
5.0	.139	.071	.021	.136	.070	.020	.129	.067	.020	.123	.065	.019	.117	.062	.019	
6.0	.133	.067	.019	.130	.066	.019	.124	.064	.018	.119	.062	.018	.113	.060	.018	
7.0	.127	.063	.018	.125	.062	.018	.119	.060	.017	.115	.059	.017	.110	.057	.017	
8.0	.122	.060	.017	.120	.059	.017	.115	.057	.016	.111	.056	.016	.107	.055	.016	
9.0	.117	.057	.016	.115	.056	.016	.111	.055	.016	.107	.054	.015	.103	.052	.015	
10.0	.113	.054	.015	.111	.053	.015	.107	.052	.015	.103	.051	.015	.100	.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	.171	.157	.146	.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	.078	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.122	.087	.061	.105	.075	.053	.072	.053	.037	.042	.031	.022	.014	.010	.007	
6.0	.115	.078	.051	.099	.067	.044	.068	.047	.031	.040	.028	.019	.013	.009	.006	
7.0	.108	.070	.043	.093	.061	.037	.064	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.103	.064	.037	.088	.055	.032	.061	.039	.023	.036	.023	.014	.012	.007	.004	
9.0	.098	.058	.032	.084	.051	.028	.058	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.093	.054	.028	.080	.047	.024	.056	.033	.017	.032	.020	.010	.011	.006	.003	

C Range: 0 - 360DEG  
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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:

UGR(Unified Glare Rating) Table

Test:U:220.8V I:0.0712A P:14.36W PF:0.9132 Lamp Flux:852.582x1 lm										
NAME: S100R1-13W-930-W					TYPE:Downlight			SERIAL No.:		
SPEC.:3000K					DIM.: $\phi$ 108mm*H126mm					
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	15.4	16.3	15.7	16.5	16.7	16.4	17.3	16.7	17.5	17.7
3H	15.3	16.1	15.5	16.3	16.5	16.3	17.1	16.5	17.3	17.5
4H	15.2	16.0	15.5	16.2	16.4	16.2	17.0	16.5	17.2	17.4
6H	15.1	15.8	15.4	16.1	16.3	16.1	16.8	16.4	17.1	17.3
8H	15.1	15.8	15.4	16.0	16.3	16.0	16.7	16.4	17.0	17.3
12H	15.0	15.7	15.3	15.9	16.2	16.0	16.7	16.3	16.9	17.2
4H 2H	15.2	16.0	15.5	16.2	16.4	16.2	17.0	16.5	17.2	17.4
3H	15.0	15.7	15.3	15.9	16.2	16.0	16.7	16.3	16.9	17.2
4H	14.9	15.5	15.3	15.8	16.1	15.9	16.5	16.3	16.8	17.1
6H	14.8	15.4	15.2	15.7	16.0	15.8	16.3	16.2	16.7	17.0
8H	14.8	15.3	15.2	15.6	16.0	15.8	16.3	16.1	16.6	17.0
12H	14.7	15.2	15.1	15.5	15.9	15.7	16.2	16.1	16.5	16.9
8H 4H	14.8	15.3	15.2	15.6	16.0	15.8	16.3	16.1	16.6	17.0
6H	14.7	15.1	15.1	15.5	15.9	15.7	16.1	16.1	16.5	16.9
8H	14.6	15.0	15.1	15.4	15.8	15.6	16.0	16.0	16.4	16.8
12H	14.6	14.9	15.0	15.3	15.8	15.5	15.8	16.0	16.3	16.8
12H 4H	14.7	15.2	15.1	15.5	15.9	15.7	16.2	16.1	16.5	16.9
6H	14.6	15.0	15.1	15.4	15.8	15.6	16.0	16.0	16.4	16.8
8H	14.6	14.9	15.0	15.3	15.8	15.5	15.8	16.0	16.3	16.8
Variations with the observer position at spacings:										
S = 1.0H	+ 2.7 / -28.8					+ 3.0 / -29.1				
1.5H	+ 5.2 / -24.2					+ 5.3 / -24.9				
2.0H	+ 7.8 / -24.4					+ 8.1 / -27.2				

CIE Pub.117 Corrected 852.6 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.6)

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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:220.8V I:0.0712A P:14.36W PF:0.9132 Lamp Flux:852.582x1 lm		
NAME: S100R1-13W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: $\phi$ 108mm*H126mm	
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) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	79	88	82	79	87	82	79	75
0.80	96	90	87	95	90	87	94	90	86	83
1.00	100	95	92	99	95	91	98	94	91	87
1.25	104	99	96	103	99	96	101	97	95	91
1.50	107	102	99	106	102	99	103	100	98	93
2.00	109	105	102	108	104	101	105	102	100	95
2.50	111	107	104	109	106	103	106	104	102	96
3.00	112	109	106	110	108	105	107	105	103	97
4.00	114	112	109	112	110	108	109	107	105	98
5.00	115	113	111	113	111	110	109	108	107	99
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.: $\phi$ 108mm*H126mm	
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Conical surface Flux(90deg):

841.79 lm

%lum = 98.7%

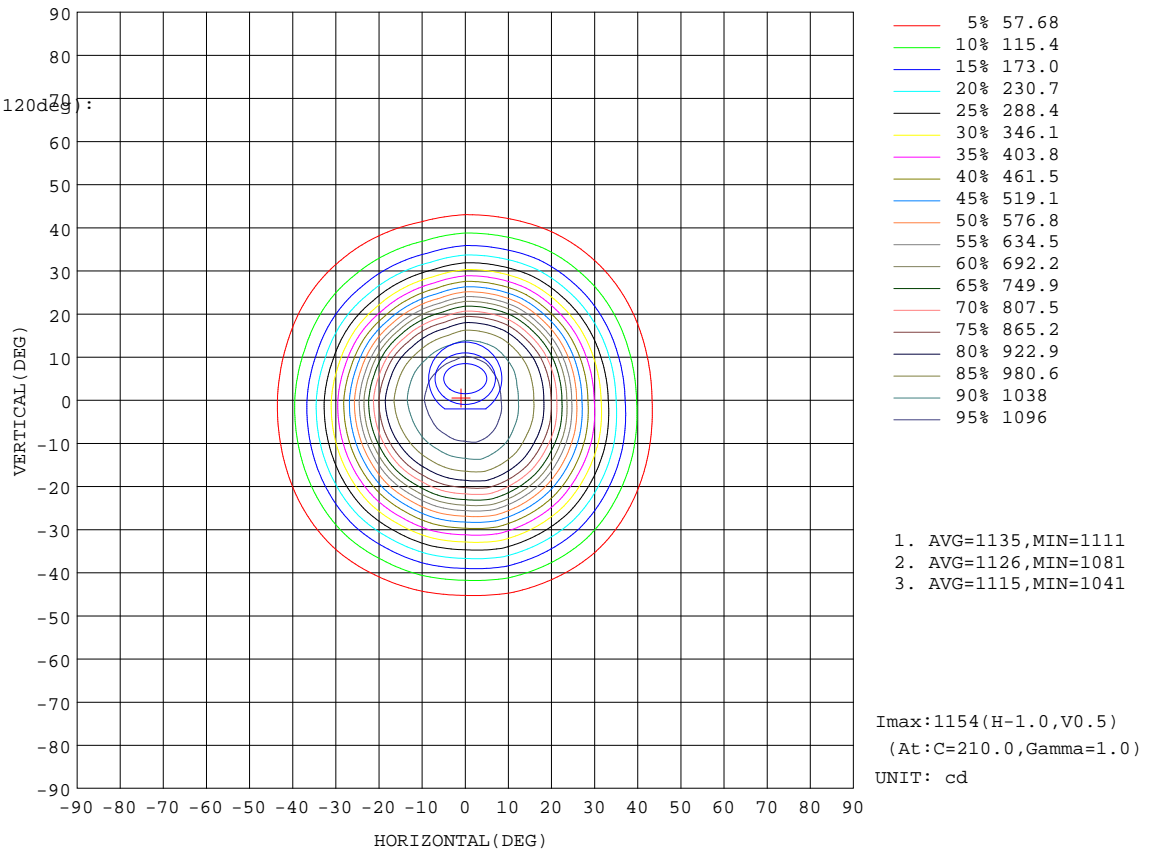
%lamp = 98.7%

Conical surface Flux(120deg):

852.38 lm

%lum = 100.0%

%lamp = 100.0%



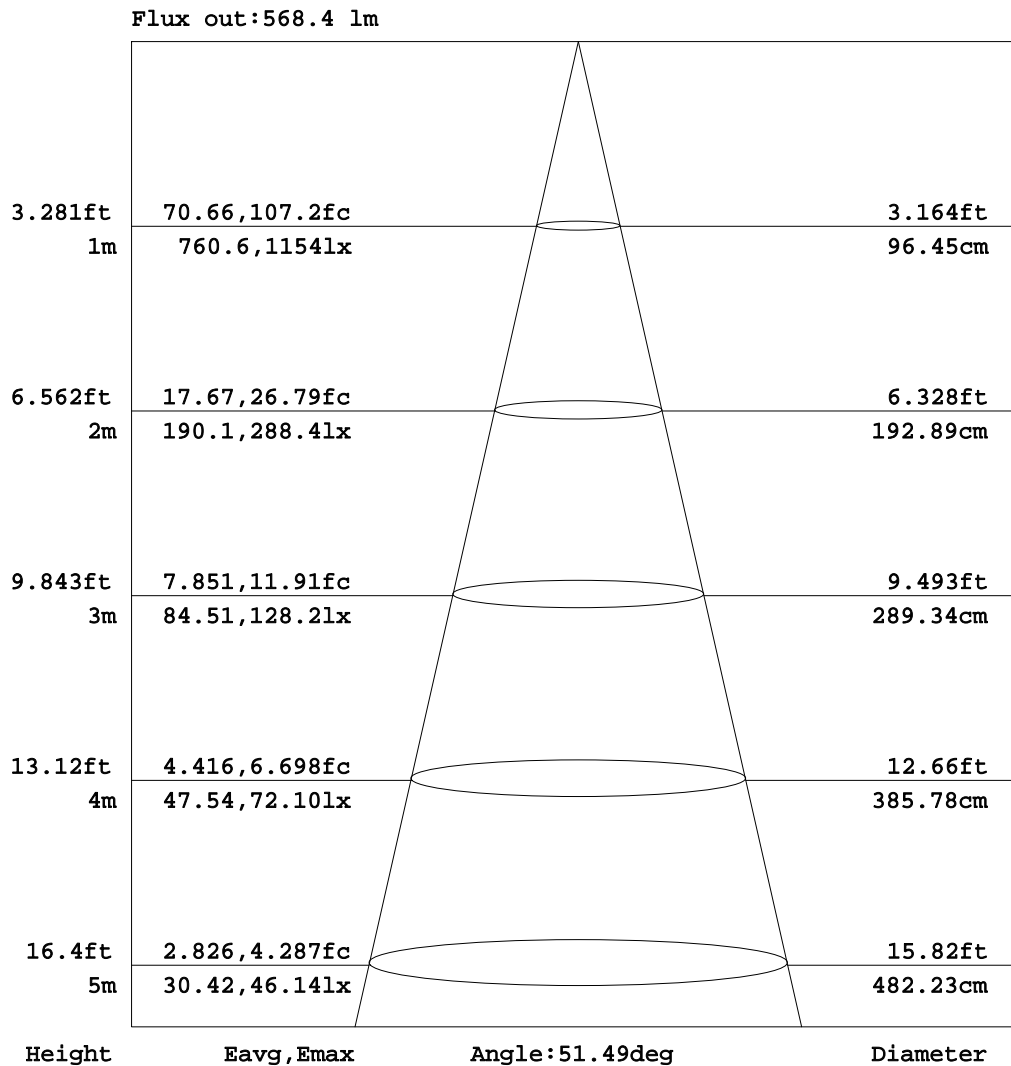
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## AAI Figure

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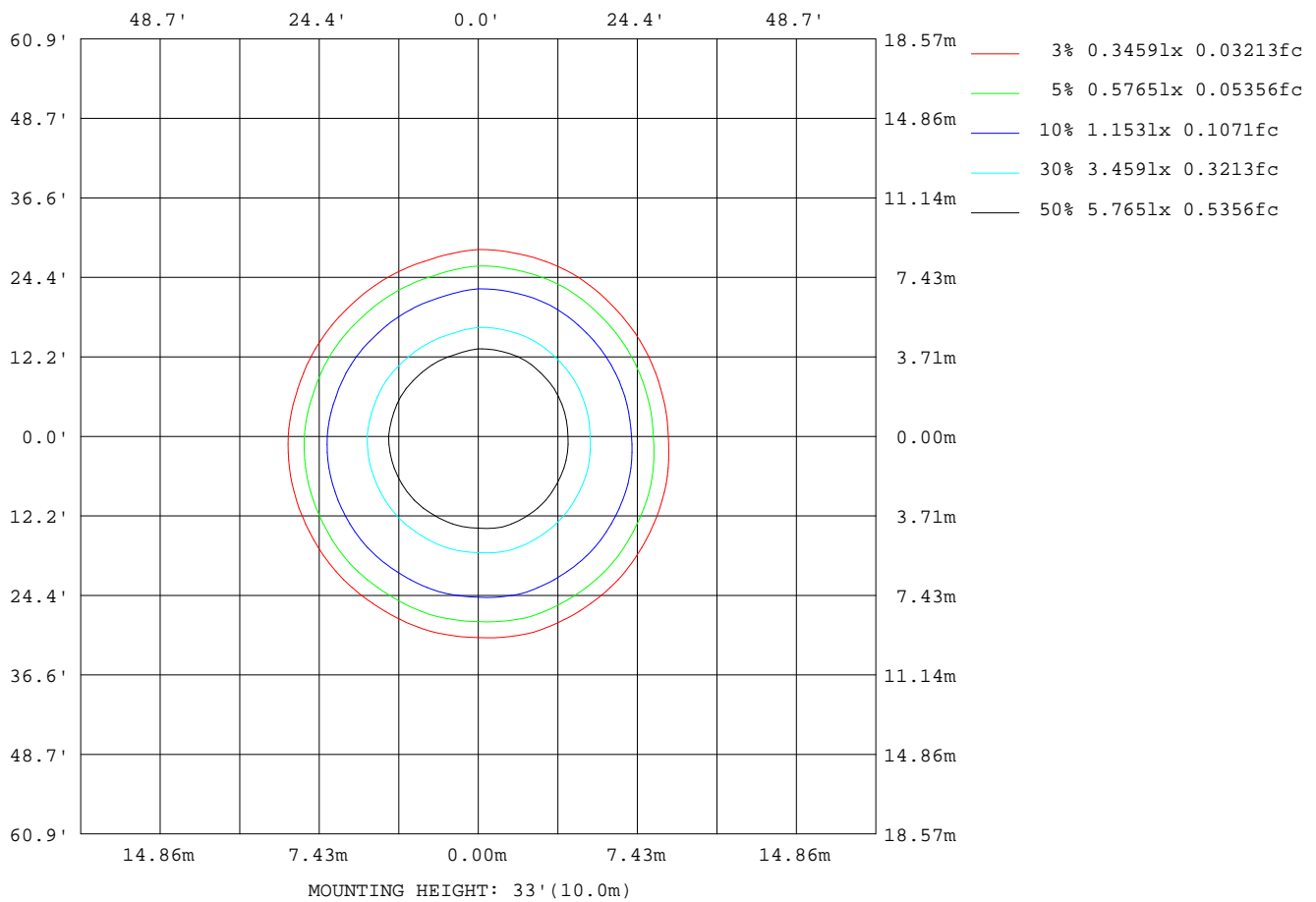
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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## ISOLUX DIAGRAM

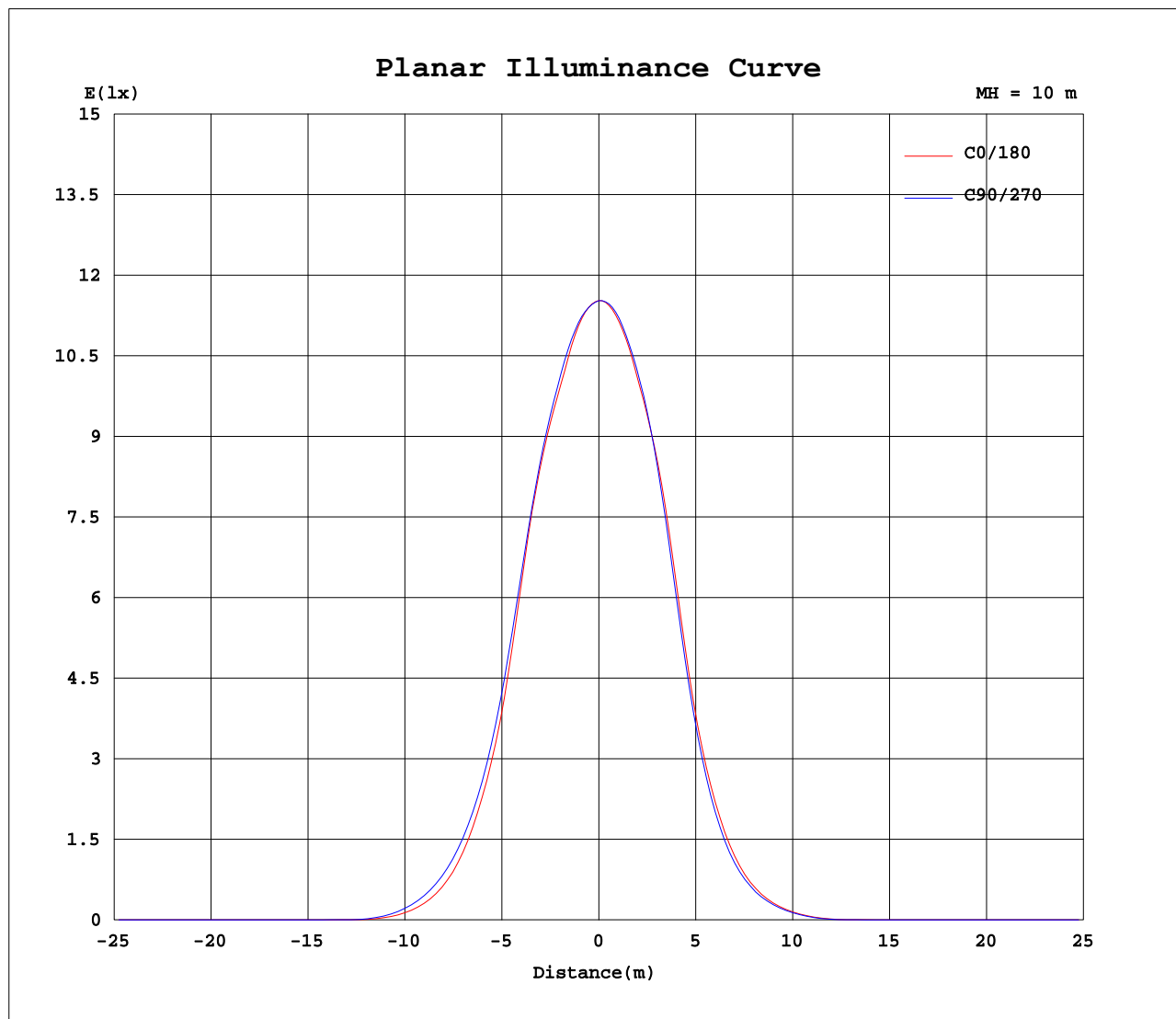
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## Planar Illuminance Curve



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

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NAME: S100R1-13W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: φ108mm*H126mm	
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:220.8V I:0.0712A P:14.36W PF:0.9132 Lamp Flux:852.582x1 lm		
NAME: S100R1-13W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: φ108mm*H126mm	
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: 2017-05-12

```

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	1153	1153	1153	1154	1154	1154	1153	1153	1152	1151
3.0	1145	1145	1145	1146	1147	1147	1145	1144	1144	1144
6.0	1124	1127	1127	1132	1133	1134	1130	1129	1127	1126
9.0	1086	1092	1096	1103	1107	1110	1102	1102	1098	1098
12.0	1042	1047	1052	1061	1066	1071	1061	1060	1055	1055
15.0	998.0	1003	1006	1017	1020	1023	1012	1007	1002	1004
18.0	929.2	939.1	942.7	951.6	955.3	957.8	939.9	935.3	929.3	931.4
21.0	818.1	835.0	840.8	856.3	859.2	863.2	836.7	831.5	820.7	825.0
24.0	669.4	692.1	704.7	722.4	727.7	734.5	706.7	699.9	685.1	684.2
27.0	521.3	545.3	561.7	578.9	589.2	597.8	572.3	566.0	548.9	544.4
30.0	400.0	425.5	439.4	456.7	462.9	470.1	448.5	444.0	428.1	423.0
33.0	293.6	317.5	331.2	348.1	355.6	360.9	341.7	337.4	322.7	316.2
36.0	201.3	223.8	236.9	252.7	258.1	265.9	249.6	245.3	231.9	225.8
39.0	129.4	146.3	158.3	172.7	178.7	184.7	173.0	169.7	157.9	152.6
42.0	75.75	87.10	96.30	107.8	113.9	118.9	110.7	108.2	99.24	94.91
45.0	38.04	44.78	51.01	58.31	62.53	66.95	61.61	59.97	54.75	51.94
48.0	13.97	17.03	19.27	23.42	25.46	28.06	24.25	24.54	21.81	21.44
51.0	2.316	2.984	3.387	4.441	4.918	5.800	4.271	4.513	3.836	4.110
54.0	1.206	1.325	1.383	1.493	1.553	1.624	1.512	1.543	1.477	1.523
57.0	0.6074	0.6657	0.6841	0.7508	0.7784	0.8141	0.7389	0.7465	0.7148	0.7443
60.0	0.3047	0.3229	0.3267	0.3512	0.3619	0.3817	0.3487	0.3556	0.3421	0.3468
63.0	0.1339	0.1264	0.1362	0.1329	0.1493	0.1395	0.1384	0.1285	0.1362	0.1198
66.0	0.0853	0.0656	0.0744	0.0568	0.0723	0.0525	0.0722	0.0546	0.0700	0.0459
69.0	0.0700	0.0524	0.0635	0.0459	0.0678	0.0416	0.0613	0.0415	0.0656	0.0372
72.0	0.0504	0.0350	0.0526	0.0350	0.0526	0.0350	0.0525	0.0350	0.0525	0.0372
75.0	0.0394	0.0350	0.0372	0.0328	0.0372	0.0328	0.0415	0.0350	0.0394	0.0372
78.0	0.0394	0.0350	0.0350	0.0328	0.0372	0.0328	0.0372	0.0350	0.0372	0.0372
81.0	0.0350	0.0350	0.0350	0.0328	0.0350	0.0350	0.0350	0.0350	0.0372	0.0372
84.0	0.0350	0.0372	0.0350	0.0350	0.0350	0.0350	0.0350	0.0372	0.0372	0.0372
87.0	0.0350	0.0372	0.0350	0.0350	0.0350	0.0372	0.0350	0.0372	0.0372	0.0372
90.0	0.0350	0.0372	0.0350	0.0350	0.0350	0.0372	0.0350	0.0372	0.0372	0.0372
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	1151	1150	1153	1153	1154	1154	1154	1154	1153	1153
3.0	1143	1144	1149	1149	1150	1150	1151	1150	1151	1151
6.0	1126	1128	1132	1132	1134	1134	1134	1136	1138	1136
9.0	1096	1098	1103	1100	1102	1100	1102	1103	1110	1107
12.0	1054	1055	1060	1058	1061	1059	1060	1061	1071	1072
15.0	1004	1007	1012	1007	1004	995.9	995.6	996.1	1014	1014
18.0	933.5	937.3	941.9	926.0	918.4	901.2	898.1	894.6	922.5	929.4
21.0	822.7	821.0	821.1	795.1	785.2	760.0	753.8	752.1	790.8	798.1
24.0	673.1	669.4	665.5	636.1	620.5	596.5	592.6	593.4	635.0	645.3
27.0	529.7	520.0	511.9	484.2	471.5	448.7	446.4	449.7	485.4	493.6
30.0	408.8	397.1	386.0	359.6	345.4	326.0	324.0	326.8	356.8	364.3
33.0	301.4	289.2	277.3	253.6	241.2	225.7	224.6	226.5	250.6	256.2
36.0	211.7	200.8	189.9	170.8	161.8	151.1	151.0	151.9	169.6	172.5
39.0	140.9	133.4	125.1	111.2	105.0	98.96	98.53	99.80	110.9	112.9
42.0	87.25	81.87	76.63	68.35	64.68	61.12	61.12	61.74	69.32	69.71
45.0	47.23	44.94	42.28	37.23	35.47	32.79	32.99	32.91	38.04	37.47
48.0	19.63	19.17	18.17	15.69	14.80	13.17	12.91	12.50	15.21	14.60
51.0	3.903	4.108	4.003	3.212	3.012	2.573	2.462	2.263	2.643	2.475
54.0	1.497	1.539	1.553	1.442	1.385	1.261	1.239	1.173	1.274	1.247
57.0	0.7258	0.7464	0.7439	0.6946	0.6981	0.6529	0.6546	0.6221	0.6698	0.6484
60.0	0.3465	0.3490	0.3553	0.3418	0.3466	0.3308	0.3292	0.3176	0.3423	0.3395
63.0	0.1384	0.1264	0.1307	0.1426	0.1351	0.1469	0.1330	0.1425	0.1482	0.1622
66.0	0.0722	0.0524	0.0655	0.0853	0.0743	0.1028	0.0896	0.1050	0.0896	0.1159
69.0	0.0635	0.0459	0.0502	0.0744	0.0634	0.0919	0.0743	0.0919	0.0743	0.1028
72.0	0.0525	0.0372	0.0371	0.0656	0.0523	0.0744	0.0501	0.0657	0.0479	0.0701
75.0	0.0438	0.0372	0.0306	0.0437	0.0350	0.0481	0.0306	0.0459	0.0284	0.0437
78.0	0.0394	0.0372	0.0262	0.0372	0.0306	0.0415	0.0306	0.0394	0.0262	0.0394
81.0	0.0394	0.0372	0.0241	0.0285	0.0241	0.0372	0.0241	0.0350	0.0241	0.0350
84.0	0.0394	0.0394	0.0241	0.0284	0.0241	0.0350	0.0241	0.0306	0.0241	0.0328
87.0	0.0394	0.0394	0.0241	0.0284	0.0241	0.0284	0.0241	0.0284	0.0241	0.0284
90.0	0.0394	0.0394	0.0241	0.0241	0.0241	0.0241	0.0241	0.0241	0.0241	0.0241
G/C	300.0	315.0	330.0	345.0						
0.0	1152	1151	1151	1150						
3.0	1149	1146	1145	1143						
6.0	1134	1130	1128	1124						
9.0	1105	1097	1093	1086						
12.0	1069	1060	1053	1044						
15.0	1019	1014	1009	1001						
18.0	938.9	937.0	938.9	932.3						
21.0	815.4	813.7	820.3	819.1						

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.3DEG

Operators: Meng Yongjian

Test Date: 2017-05-12

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	660.7	658.2	667.3	667.5
27.0	508.4	506.7	514.8	516.6
30.0	376.9	377.6	386.3	392.4
33.0	267.1	267.7	276.9	283.8
36.0	180.7	180.1	186.2	192.7
39.0	116.9	115.7	118.8	122.8
42.0	71.50	69.45	70.72	71.96
45.0	38.39	35.90	36.20	36.00
48.0	15.03	13.43	13.34	13.04
51.0	2.571	2.267	2.241	2.127
54.0	1.272	1.188	1.182	1.157
57.0	0.6633	0.6178	0.6087	0.5828
60.0	0.3402	0.3198	0.3096	0.2935
63.0	0.1504	0.1513	0.1286	0.1316
66.0	0.0983	0.1072	0.0787	0.0897
69.0	0.0830	0.0941	0.0633	0.0744
72.0	0.0458	0.0548	0.0327	0.0526
75.0	0.0349	0.0394	0.0305	0.0394
78.0	0.0284	0.0372	0.0219	0.0350
81.0	0.0241	0.0350	0.0219	0.0328
84.0	0.0241	0.0306	0.0219	0.0306
87.0	0.0241	0.0284	0.0219	0.0284
90.0	0.0241	0.0241	0.0219	0.0241

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-05-12

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: