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LED Downlight SENSE Series LE-  
S150R1-25W-940-N

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Light Output Ratio:	100.0%	
Luminaire Power:	27.51 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	1.00	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: 2017-06-21

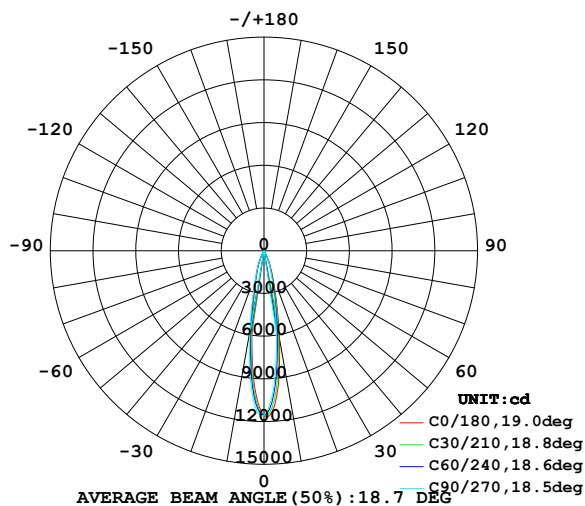
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

## LUMINAIRE PHOTOMETRIC TEST REPORT

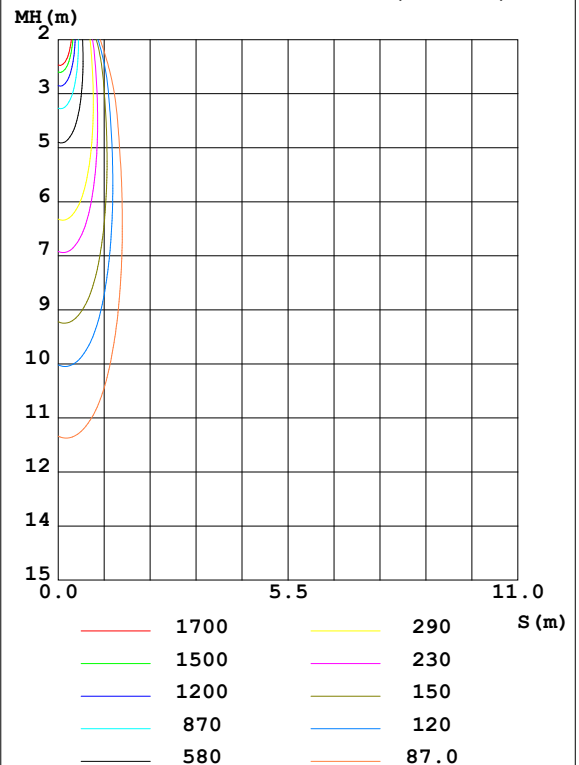
Test:U:220.8V I:0.1306A P:27.51W PF:0.9540 Lamp Flux:1914.17x1 lm		
NAME: S150R1-25W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: $\phi$ 162mm*H188mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 69.58 lm/W			
MODEL	CITIZEN-4000K	I <sub>max</sub> (cd)	11776	S/MH (C0/180)	0.29
NOMINAL POWER (W)	28	LOR (%)	100.0	S/MH (C90/270)	0.34
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	1914.2	$\eta$ UP, DN (C0-180)	0.0, 48.6
NOMINAL FLUX (lm)	1914.17	CIE CLASS	DIRECT	$\eta$ UP, DN (C180-360)	0.0, 51.4
LAMPS INSIDE	1	$\eta$ up (%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE (V)	220	$\eta$ down (%)	100.0	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



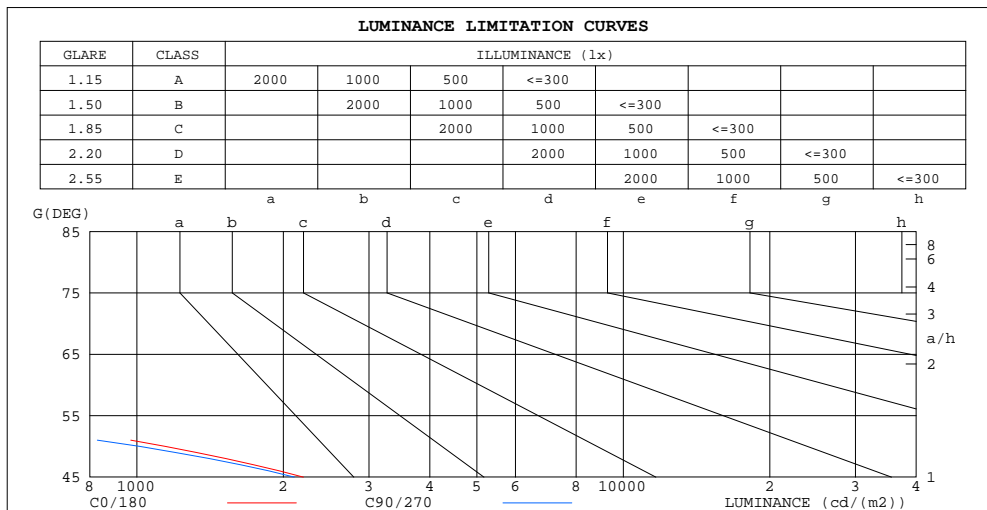
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Meng Yongjian  
 Test Date:2017-06-21

$\gamma$  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	624.1	557.8	484.9	456.4	473.5	501.1	563.9	630.4	0- 10	763.5	763.5	39.9,39.9
20	158.7	147.9	134.6	128.2	129.0	132.5	143.6	157.5	10- 20	766.0	1529	79.9,79.9
30	18.46	17.68	15.39	15.13	14.99	14.32	15.57	18.51	20- 30	298.4	1828	95.5,95.5
40	5.253	5.980	5.219	5.437	5.006	5.373	5.259	5.601	30- 40	54.59	1882	98.3,98.3
50	1.515	1.633	1.344	1.374	1.294	1.508	1.617	1.921	40- 50	26.08	1909	99.7,99.7
60	0.1360	0.1245	0.1012	0.1198	0.1188	0.1136	0.1340	0.1453	50- 60	4.915	1913	100,100
70	0.0230	0.0203	0.0221	0.0249	0.0237	0.0241	0.0229	0.0260	60- 70	0.4645	1914	100,100
80	0.0112	0.0094	0.0120	0.0123	0.0072	0.0074	0.0052	0.0081	70- 80	0.1268	1914	100,100
90	0.0103	0.0092	0.0107	0.0116	0.0072	0.0061	0.0052	0.0061	80- 90	0.0980	1914	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: $\times 10cd$									UNIT: lm		



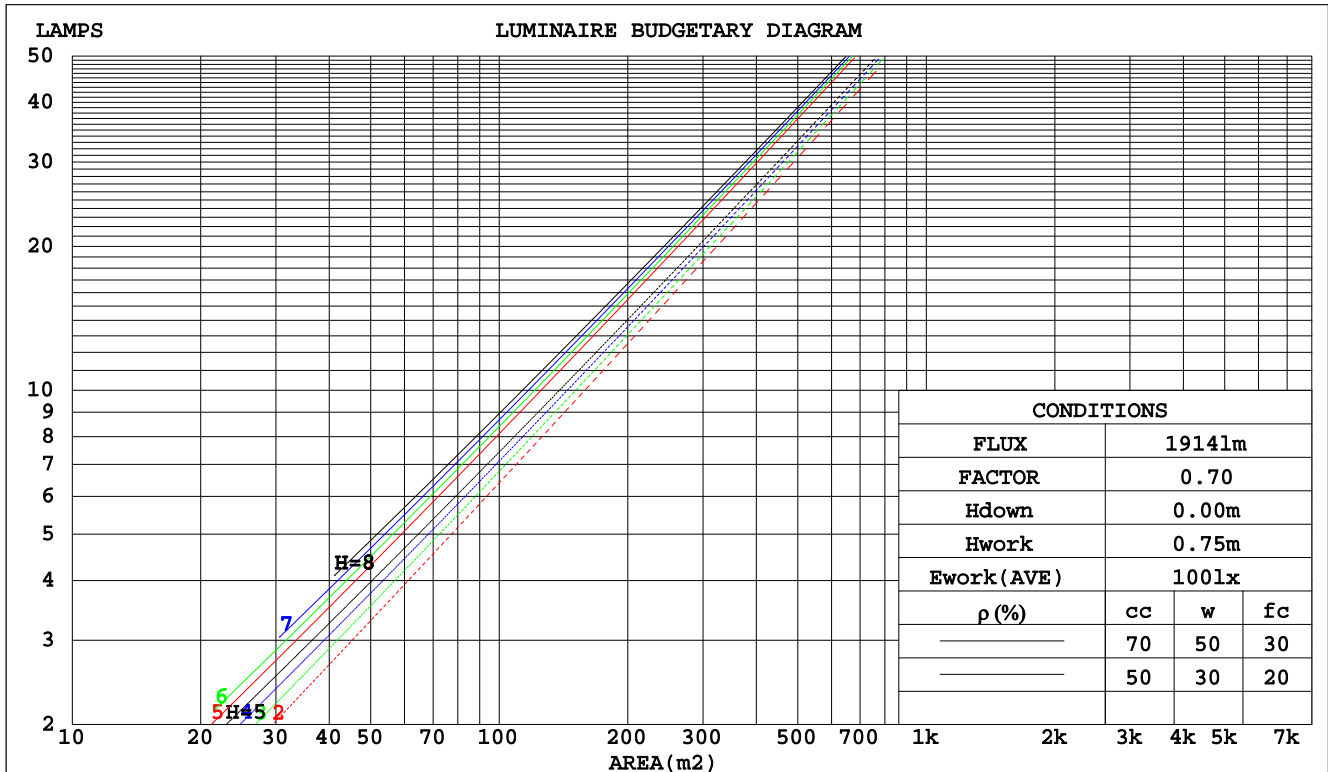
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
 Test Date: 2017-06-21

$\gamma$  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:0.1306A P:27.51W PF:0.9540 Lamp Flux:1914.17x1 lm		
NAME: S150R1-25W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: $\phi$ 162mm*H188mm	
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	1.13	1.11	1.10	1.11	1.09	1.08	1.07	1.06	1.05	1.03	1.02	1.01	.00	.99	.99	.97
2.0	1.08	1.05	1.03	1.06	1.04	1.01	1.03	1.01	.99	1.00	.99	.97	.98	.96	.95	.94
3.0	1.03	.00	.97	1.02	.99	.96	.00	.97	.95	.97	.95	.94	.95	.94	.92	.91
4.0	.00	.96	.93	.99	.95	.92	.97	.94	.91	.95	.92	.90	.93	.91	.89	.88
5.0	.96	.92	.89	.95	.92	.89	.94	.91	.88	.92	.89	.87	.91	.89	.87	.86
6.0	.93	.89	.86	.92	.89	.86	.91	.88	.85	.90	.87	.85	.89	.86	.84	.83
7.0	.90	.86	.83	.90	.86	.83	.88	.85	.83	.87	.84	.82	.87	.84	.82	.81
8.0	.88	.84	.81	.87	.83	.81	.86	.83	.80	.85	.82	.80	.84	.82	.80	.79
9.0	.85	.81	.79	.85	.81	.78	.84	.81	.78	.83	.80	.78	.83	.80	.78	.77
10.0	.83	.79	.76	.83	.79	.76	.82	.79	.76	.81	.78	.76	.81	.78	.76	.75



C Range: 0 - 360DEG  
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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:

## WEC AND CCEC

Test:U:220.8V I:0.1306A P:27.51W PF:0.9540 Lamp Flux:1914.17x1 lm		
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SPEC.:4000K	DIM.: $\phi$ 162mm*H188mm	
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	.134	.076	.024	.127	.073	.023	.115	.066	.021	.103	.060	.019	.093	.054	.017		
2.0	.124	.068	.021	.118	.065	.020	.108	.060	.019	.099	.055	.017	.090	.051	.016		
3.0	.115	.061	.018	.111	.059	.018	.102	.055	.017	.094	.052	.016	.087	.048	.015		
4.0	.108	.056	.016	.104	.055	.016	.097	.051	.015	.090	.049	.015	.084	.046	.014		
5.0	.102	.052	.015	.098	.051	.015	.092	.048	.014	.087	.046	.014	.081	.043	.013		
6.0	.096	.048	.014	.093	.047	.014	.088	.045	.013	.083	.043	.013	.079	.041	.012		
7.0	.091	.045	.013	.089	.044	.013	.084	.043	.012	.080	.041	.012	.076	.039	.012		
8.0	.087	.042	.012	.085	.042	.012	.081	.040	.012	.077	.039	.011	.074	.038	.011		
9.0	.083	.040	.011	.081	.039	.011	.078	.038	.011	.074	.037	.011	.071	.036	.010		
10.0	.079	.038	.011	.078	.038	.010	.075	.037	.010	.072	.036	.010	.069	.035	.010		

$\rho_{cc}$	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	.168	.158	.148	.144	.135	.128	.098	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.150	.133	.118	.128	.114	.102	.088	.079	.071	.051	.046	.042	.016	.015	.014	
3.0	.135	.113	.096	.115	.098	.083	.079	.068	.058	.046	.040	.034	.015	.013	.011	
4.0	.122	.098	.079	.105	.085	.069	.072	.059	.049	.042	.035	.029	.013	.011	.009	
5.0	.111	.085	.066	.096	.074	.058	.066	.052	.041	.038	.030	.024	.012	.010	.008	
6.0	.102	.075	.056	.088	.065	.049	.061	.046	.035	.035	.027	.021	.011	.009	.007	
7.0	.095	.067	.048	.082	.058	.042	.056	.041	.030	.033	.024	.018	.011	.008	.006	
8.0	.088	.060	.041	.076	.052	.036	.053	.037	.026	.031	.022	.015	.010	.007	.005	
9.0	.082	.055	.036	.071	.047	.031	.049	.033	.022	.029	.020	.013	.009	.006	.004	
10.0	.078	.050	.032	.067	.043	.028	.046	.030	.020	.027	.018	.012	.009	.006	.004	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Meng Yongjian  
 Test Date:2017-06-21

$\gamma$  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:220.8V I:0.1306A P:27.51W PF:0.9540 Lamp Flux:1914.17x1 lm										
NAME: S150R1-25W-940-N					TYPE:Downlight			SERIAL No.:		
SPEC.:4000K					DIM.: $\phi$ 162mm*H188mm					
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	4.0	4.6	4.2	4.8	4.9	3.7	4.3	3.9	4.5	4.6
3H	3.8	4.4	4.1	4.6	4.8	3.5	4.1	3.8	4.3	4.5
4H	3.8	4.3	4.0	4.5	4.7	3.4	4.0	3.7	4.2	4.4
6H	3.7	4.2	4.0	4.4	4.7	3.4	3.9	3.6	4.1	4.4
8H	3.6	4.1	3.9	4.4	4.6	3.3	3.8	3.6	4.1	4.3
12H	3.6	4.1	3.9	4.3	4.6	3.3	3.8	3.6	4.0	4.3
4H 2H	3.8	4.3	4.0	4.5	4.7	3.5	4.0	3.7	4.2	4.4
3H	3.6	4.1	3.9	4.4	4.6	3.3	3.8	3.6	4.0	4.3
4H	3.5	4.0	3.8	4.2	4.5	3.2	3.6	3.5	3.9	4.2
6H	3.4	3.8	3.8	4.1	4.5	3.1	3.5	3.5	3.8	4.2
8H	3.3	3.7	3.7	4.1	4.4	3.0	3.4	3.4	3.8	4.1
12H	3.3	3.6	3.7	4.0	4.4	3.0	3.3	3.4	3.7	4.1
8H 4H	3.3	3.7	3.7	4.1	4.4	3.0	3.4	3.4	3.8	4.1
6H	3.2	3.5	3.7	3.9	4.3	2.9	3.2	3.3	3.6	4.0
8H	3.2	3.5	3.6	3.9	4.3	2.9	3.1	3.3	3.6	4.0
12H	3.1	3.4	3.6	3.8	4.3	2.8	3.0	3.3	3.5	3.9
12H 4H	3.3	3.6	3.7	4.0	4.4	3.0	3.3	3.4	3.7	4.1
6H	3.2	3.4	3.6	3.9	4.3	2.9	3.1	3.3	3.6	4.0
8H	3.1	3.3	3.6	3.8	4.3	2.8	3.0	3.3	3.5	3.9
Variations with the observer position at spacings:										
S = 1.0H	+ 2.5 / -12.7					+ 2.5 / -13.6				
1.5H	+ 3.4 / - 9.8					+ 3.5 / - 9.9				
2.0H	+ 6.4 / -17.4					+ 6.5 / -16.0				

CIE Pub.117 Corrected 1914 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.3)

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

## UTILIZATION FACTORS TABLE

Test:U:220.8V I:0.1306A P:27.51W PF:0.9540 Lamp Flux:1914.17x1 lm		
NAME: S150R1-25W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: $\phi$ 162mm*H188mm	
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) $k(RI) \times RCR = 5$									
$k = 0.60$	91	85	81	90	85	81	89	84	81	78
0.80	98	92	89	97	92	89	96	91	88	85
1.00	101	96	93	101	96	93	99	96	92	89
1.25	105	100	97	104	100	97	102	99	96	92
1.50	107	103	100	106	102	100	104	101	99	94
2.00	110	106	103	108	105	102	106	103	101	96
2.50	111	108	105	110	107	104	107	104	102	97
3.00	113	109	107	111	108	106	108	105	104	97
4.00	114	112	110	112	110	109	109	107	106	99
5.00	116	114	112	114	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

Test:U:220.8V I:0.1306A P:27.51W PF:0.9540 Lamp Flux:1914.17x1 lm		
NAME: S150R1-25W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: $\phi$ 162mm*H188mm	
MFR.:		

Conical surface Flux(90deg):

1898.9 lm

%lum = 99.2%

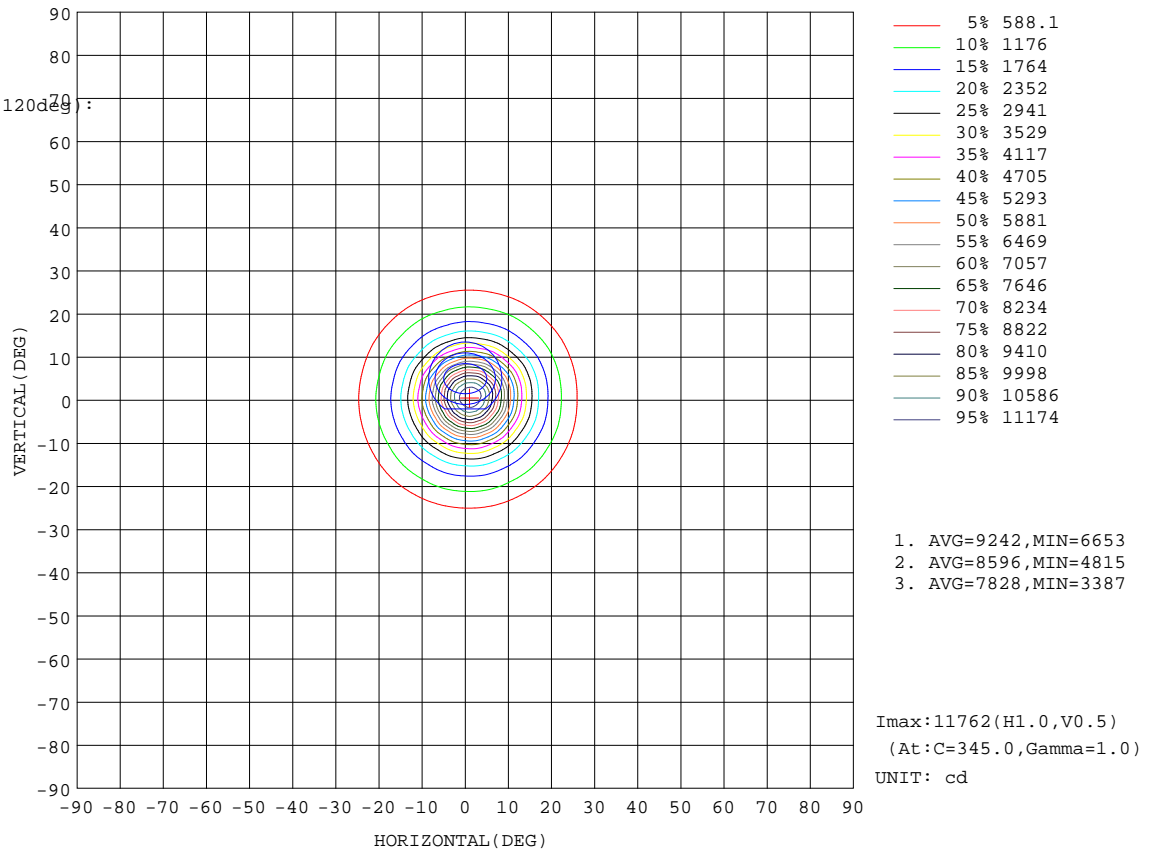
%lamp = 99.2%

Conical surface Flux(120deg):

1913.5 lm

%lum = 100.0%

%lamp = 100.0%



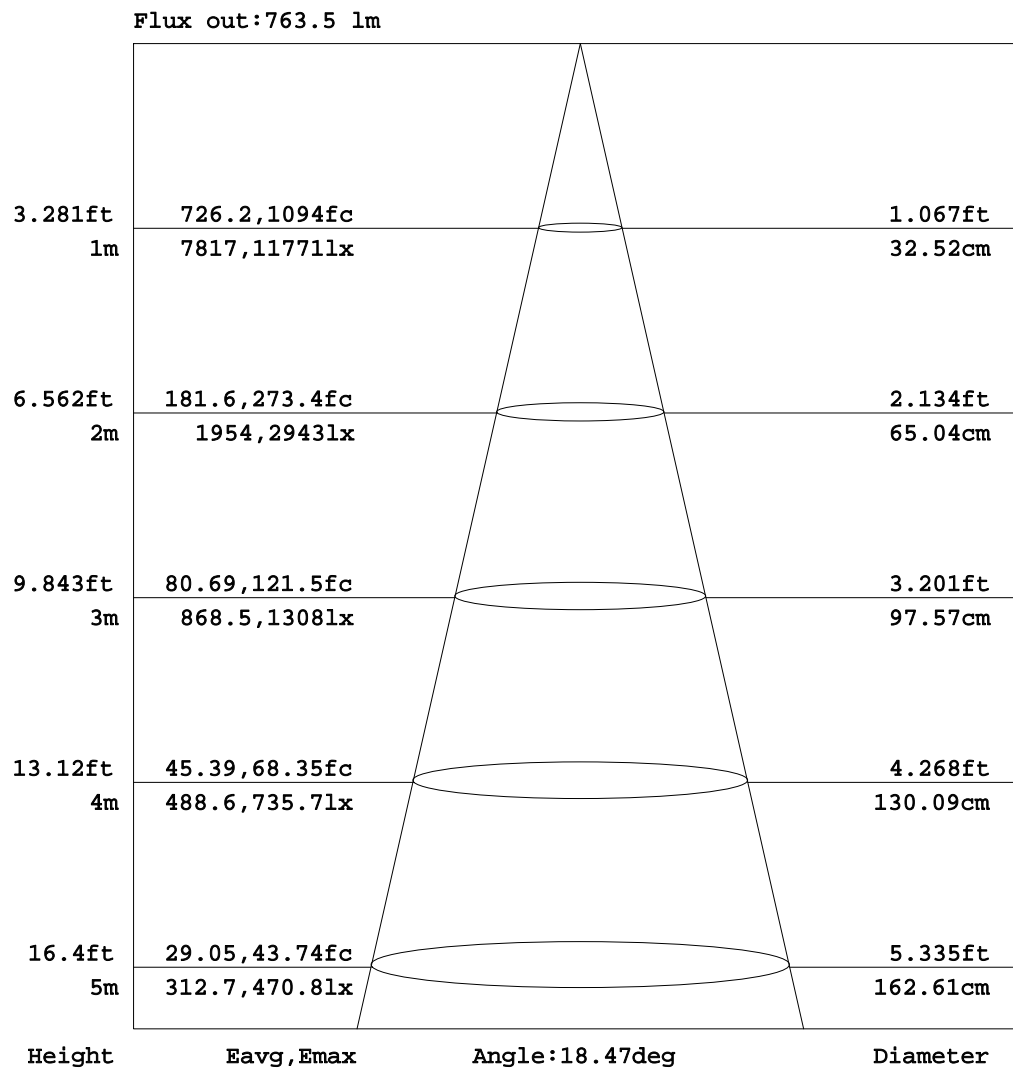
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## AAI Figure

Test:U:220.8V I:0.1306A P:27.51W PF:0.9540 Lamp Flux:1914.17x1 lm		
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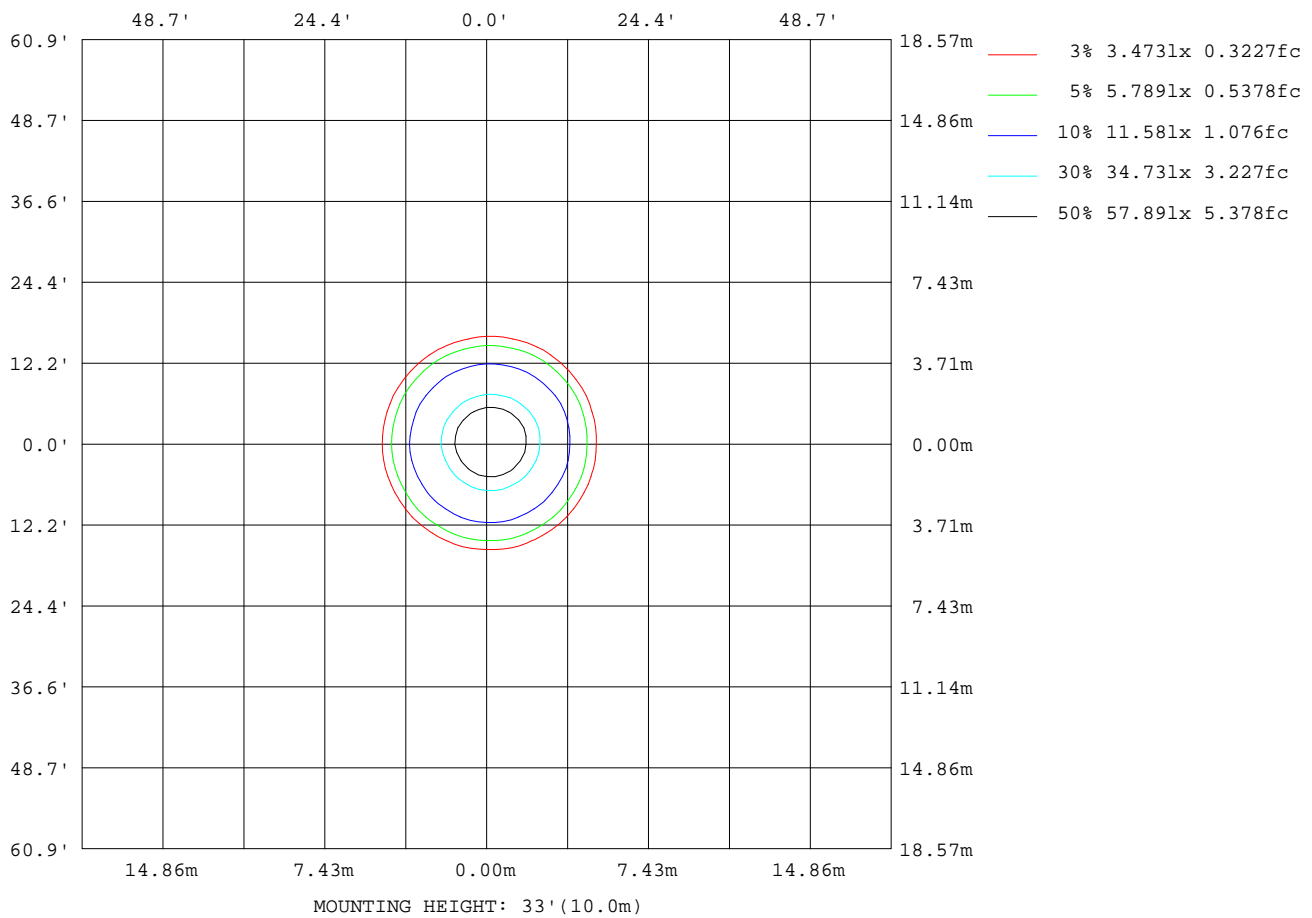
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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## ISOLUX DIAGRAM

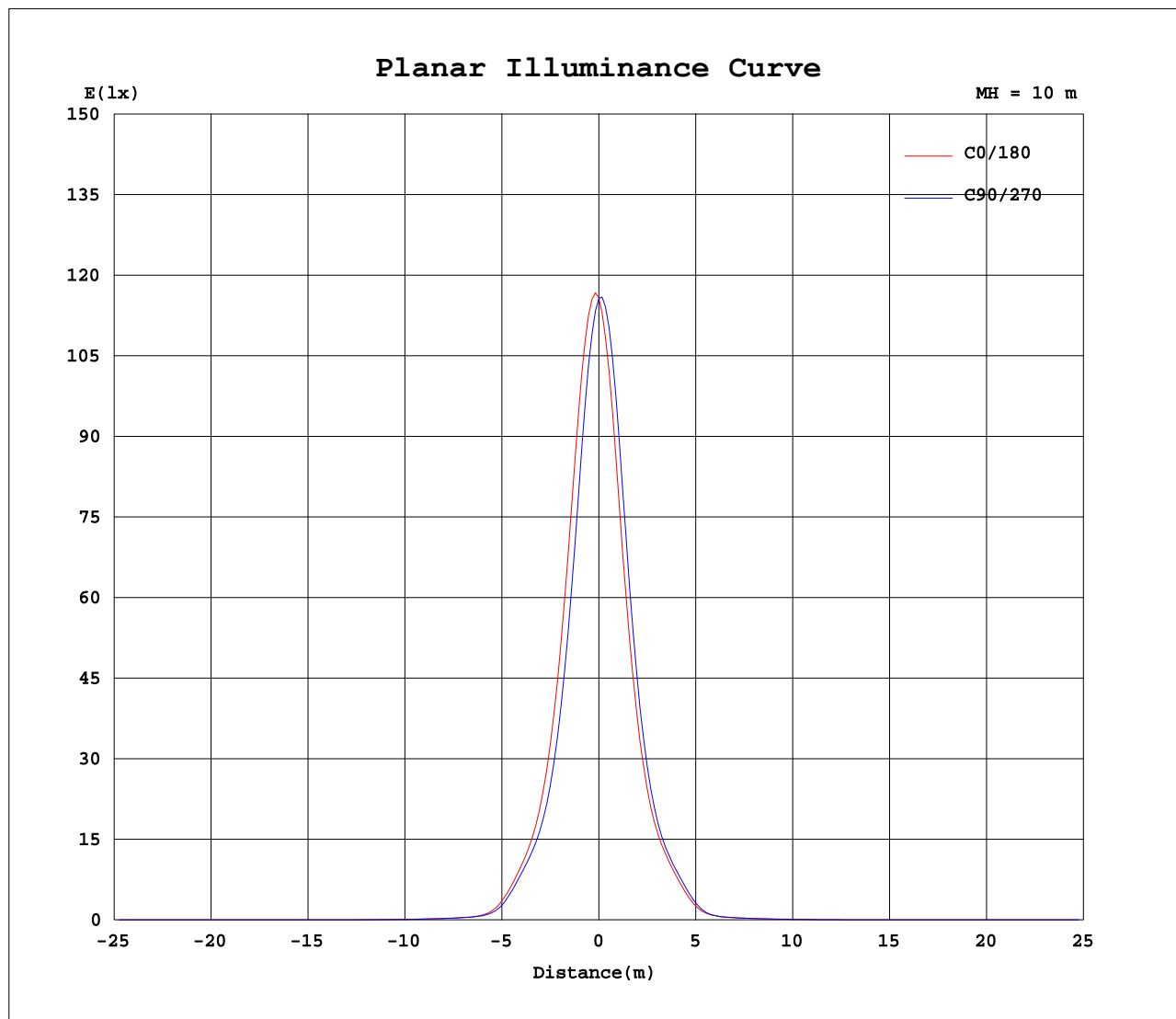
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## Planar Illuminance Curve



C Range: 0 - 360DEG  
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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:0.1306A P:27.51W PF:0.9540 Lamp Flux:1914.17x1 lm		
NAME: S150R1-25W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: φ162mm*H188mm	
MFR.:		

UNIT:  $\times 10 \text{cd}$ [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:0.1306A P:27.51W PF:0.9540    Lamp Flux:1914.17x1 lm		
NAME: S150R1-25W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: φ162mm*H188mm	
MFR.:		

Table--2

UNIT:  $\times 10 \text{cd}$ [illegible]

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-06-21

```

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	11578	11567	11586	11564	11564	11574	11568	11585	11568	11602
3.0	11305	11218	11019	10910	10682	10577	10379	10296	10125	10137
6.0	9567	9426	9067	8883	8505	8333	8017	7889	7647	7659
9.0	7057	6923	6548	6365	5989	5836	5557	5446	5238	5253
12.0	4783	4678	4385	4238	3968	3854	3667	3584	3438	3449
15.0	3124	3060	2864	2773	2599	2534	2413	2368	2282	2284
18.0	2051	2024	1914	1868	1776	1742	1679	1657	1604	1607
21.0	1398	1398	1329	1305	1250	1242	1197	1180	1137	1133
24.0	884.0	890.8	847.0	830.7	786.4	778.5	735.6	720.1	681.7	679.8
27.0	435.9	439.6	412.1	401.9	371.6	365.5	339.2	330.0	311.0	313.7
30.0	184.6	188.3	178.7	176.8	164.9	162.2	153.9	154.7	149.0	151.3
33.0	100.1	103.7	103.7	103.5	100.7	98.35	96.19	97.98	97.20	97.15
36.0	73.06	78.21	79.65	80.58	79.41	76.78	74.25	77.03	76.32	76.10
39.0	57.12	62.74	64.04	64.42	63.18	60.46	57.14	60.86	60.24	59.35
42.0	44.20	49.73	50.91	50.89	49.54	46.37	43.31	46.54	45.62	45.01
45.0	32.03	36.34	36.48	36.23	34.84	32.93	30.68	32.35	31.27	31.29
48.0	21.01	23.76	23.72	23.06	21.99	20.93	19.42	20.28	19.60	19.64
51.0	12.60	14.04	13.92	13.48	12.69	11.72	10.75	11.36	11.05	11.08
54.0	5.651	5.723	5.507	5.467	5.164	5.035	4.798	4.753	4.653	4.749
57.0	3.008	3.040	2.903	2.848	2.673	2.634	2.471	2.505	2.484	2.562
60.0	1.360	1.367	1.284	1.245	1.126	1.099	1.012	1.095	1.106	1.198
63.0	0.3660	0.3688	0.3546	0.3472	0.3603	0.3299	0.3620	0.4086	0.5234	0.5836
66.0	0.2822	0.2645	0.2953	0.2601	0.2932	0.2491	0.2932	0.3211	0.4616	0.5245
69.0	0.2472	0.2273	0.2516	0.2228	0.2364	0.2075	0.2450	0.2447	0.2893	0.3598
72.0	0.1709	0.1614	0.1797	0.1395	0.1341	0.1616	0.1362	0.1246	0.1560	0.2146
75.0	0.1247	0.1093	0.1377	0.0984	0.1181	0.1494	0.1333	0.1159	0.1487	0.1632
78.0	0.1181	0.1025	0.1247	0.0962	0.1146	0.1372	0.1225	0.1125	0.1400	0.1246
81.0	0.1137	0.1019	0.1159	0.0918	0.1113	0.1250	0.1181	0.1107	0.1313	0.1217
84.0	0.1080	0.1012	0.1094	0.0918	0.1092	0.1128	0.1115	0.1089	0.1247	0.1188
87.0	0.1028	0.1006	0.1093	0.0918	0.1071	0.1006	0.1093	0.1071	0.1203	0.1159
90.0	0.1028	0.1006	0.1006	0.0918	0.1028	0.1006	0.1071	0.1071	0.1203	0.1159
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	11579	11620	11578	11567	11564	11564	11574	11568	11585	11602
3.0	10042	10146	10266	10320	10521	10567	10776	10880	11078	11209
6.0	7538	7678	7877	7945	8228	8300	8629	8762	9095	9289
9.0	5145	5260	5434	5476	5711	5757	6038	6144	6452	6655
12.0	3383	3446	3562	3578	3736	3755	3945	4008	4227	4380
15.0	2239	2274	2334	2342	2429	2441	2549	2585	2719	2813
18.0	1575	1597	1624	1617	1666	1668	1725	1736	1807	1857
21.0	1101	1119	1139	1133	1170	1173	1216	1224	1269	1298
24.0	654.7	666.3	687.7	683.1	718.3	723.3	765.5	771.4	817.0	843.5
27.0	302.9	308.8	320.1	311.3	331.2	327.5	350.6	354.3	388.0	408.2
30.0	147.7	149.6	149.9	145.8	154.0	143.2	154.4	145.4	155.7	164.5
33.0	96.80	95.43	93.14	93.43	93.12	91.85	91.60	89.90	90.91	93.55
36.0	75.20	72.86	70.75	72.80	73.08	72.16	72.45	71.23	70.93	73.11
39.0	58.87	56.45	55.13	58.40	58.32	57.75	58.58	57.36	56.54	59.46
42.0	43.60	41.68	40.96	44.43	45.46	45.98	47.10	46.12	45.39	48.45
45.0	29.89	28.64	28.41	31.17	33.13	33.70	34.87	34.27	33.62	37.23
48.0	18.74	18.19	18.34	19.74	21.23	21.58	22.66	22.45	22.60	25.10
51.0	10.56	10.25	10.59	11.30	12.19	12.28	13.19	12.85	13.33	14.65
54.0	4.683	4.731	4.867	4.799	4.976	5.003	5.190	5.239	5.500	5.598
57.0	2.471	2.497	2.574	2.524	2.617	2.655	2.779	2.791	2.967	3.017
60.0	1.112	1.147	1.188	1.116	1.150	1.136	1.220	1.219	1.340	1.376
63.0	0.5648	0.5465	0.5158	0.4928	0.3979	0.4189	0.3934	0.4235	0.4366	0.4459
66.0	0.5140	0.5049	0.4566	0.4244	0.3737	0.3871	0.3606	0.3740	0.3453	0.3609
69.0	0.4028	0.3597	0.3053	0.3087	0.2923	0.2999	0.2815	0.2954	0.2706	0.2867
72.0	0.1538	0.1115	0.0765	0.0883	0.0785	0.0992	0.0915	0.1100	0.1109	0.1231
75.0	0.1443	0.1251	0.0743	0.0831	0.0634	0.0853	0.0634	0.0809	0.0612	0.0787
78.0	0.1391	0.1264	0.0722	0.0831	0.0612	0.0787	0.0568	0.0744	0.0546	0.0809
81.0	0.1343	0.1246	0.0722	0.0831	0.0612	0.0743	0.0547	0.0678	0.0525	0.0722
84.0	0.1303	0.1180	0.0722	0.0831	0.0612	0.0700	0.0547	0.0656	0.0525	0.0656
87.0	0.1268	0.1115	0.0722	0.0787	0.0612	0.0678	0.0547	0.0590	0.0525	0.0634
90.0	0.1224	0.1093	0.0722	0.0700	0.0612	0.0612	0.0547	0.0525	0.0525	0.0568
G/C	300.0	315.0	330.0	345.0						
0.0	11568	11602	11579	11620						
3.0	11390	11458	11547	11515						
6.0	9633	9740	9942	9868						
9.0	7020	7158	7413	7338						
12.0	4675	4800	5025	4989						
15.0	3015	3107	3272	3252						
18.0	1973	2030	2132	2123						
21.0	1364	1394	1461	1438						

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.3DEG

Operators: Meng Yongjian

Test Date: 2017-06-21

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	895.6	903.8	940.0	919.2
27.0	447.1	452.9	476.2	460.4
30.0	180.8	185.1	197.9	193.4
33.0	97.51	99.10	103.5	102.5
36.0	74.27	74.14	75.72	75.07
39.0	60.63	60.14	61.25	59.73
42.0	50.12	49.21	49.84	47.60
45.0	38.43	38.21	38.25	35.69
48.0	26.37	26.46	26.63	23.77
51.0	15.89	16.02	16.06	14.13
54.0	5.886	5.834	5.993	5.849
57.0	3.174	3.159	3.257	3.142
60.0	1.475	1.453	1.486	1.433
63.0	0.4949	0.4745	0.4488	0.4005
66.0	0.3540	0.3631	0.3081	0.2931
69.0	0.2772	0.2999	0.2380	0.2450
72.0	0.1196	0.1558	0.1458	0.1731
75.0	0.0656	0.0940	0.0809	0.1181
78.0	0.0590	0.0831	0.0700	0.1115
81.0	0.0568	0.0787	0.0678	0.1050
84.0	0.0568	0.0744	0.0678	0.1006
87.0	0.0568	0.0700	0.0678	0.1006
90.0	0.0568	0.0612	0.0678	0.1006

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-06-21

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: