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LED Downlight SENSE Series LE-  
S150S1-25W-940-W

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Light Output Ratio:	100.0%	
Luminaire Power:	27.53 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: 2017-06-21

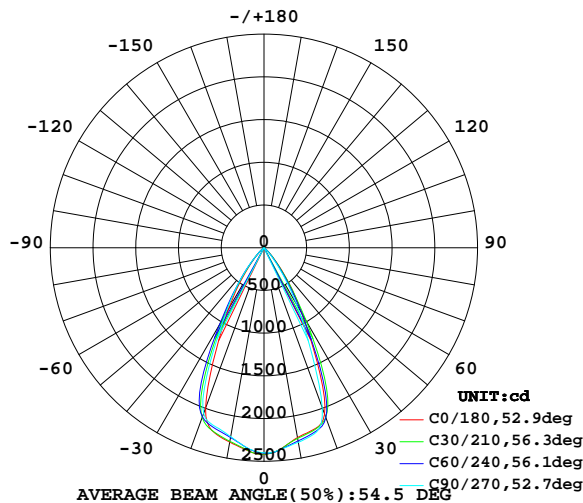
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

## LUMINAIRE PHOTOMETRIC TEST REPORT

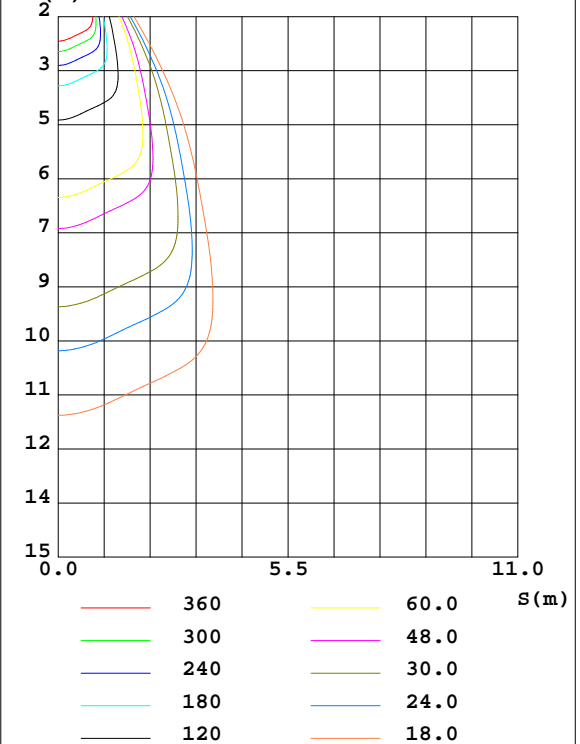
Test:U:220.7V I:0.1308A P:27.53W PF:0.9541 Lamp Flux:1970.1x1 lm		
NAME: S150S1-25W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L162mm*W162mm*H188mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 71.55 lm/W			
MODEL	CITIZEN-4000K	Imax(cd)	2421	S/MH(C0/180)	0.79
NOMINAL POWER(W)	28	LOR(%)	100.0	S/MH(C90/270)	0.82
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	1970.1	$\eta$ UP,DN(C0-180)	0.0,48.1
NOMINAL FLUX(lm)	1970.1	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	0.0,51.9
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)



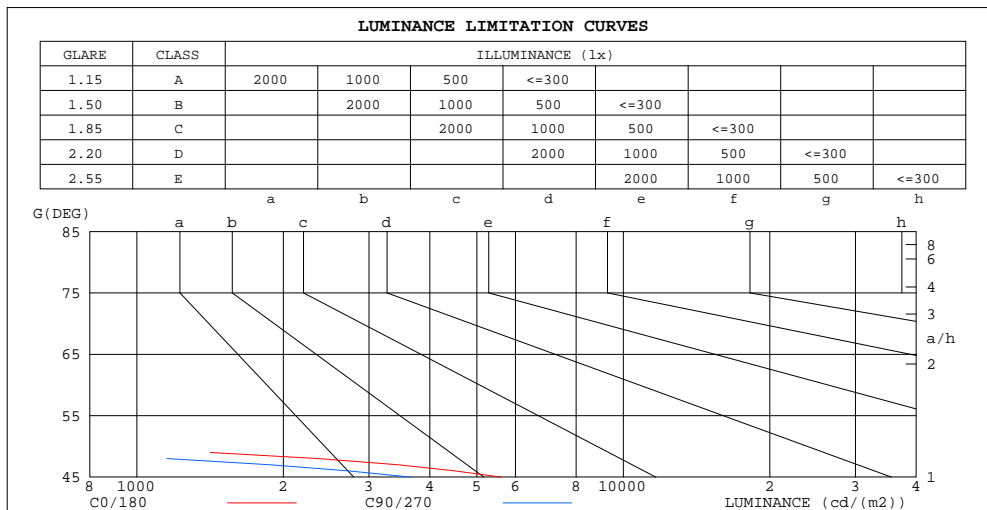
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Meng Yongjian  
 Test Date:2017-06-21

$\gamma$  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	$\Phi$ lum, lamp
10	2257	2280	2313	2257	2310	2277	2245	2303	0- 10	222.5	222.5	11.3,11.3
20	2074	2124	1995	2035	2001	2115	2065	2183	10- 20	624.3	846.7	43,43
30	893.7	989.6	758.3	866.9	831.9	1056	916.4	1159	20- 30	695.9	1543	78.3,78.3
40	250.3	235.8	179.4	218.4	233.2	278.2	278.5	281.2	30- 40	324.2	1867	94.8,94.8
50	12.88	40.13	8.467	37.33	9.103	46.20	17.92	49.91	40- 50	84.74	1952	99.1,99.1
60	1.905	3.000	1.446	3.782	1.826	3.717	1.995	3.564	50- 60	14.43	1966	99.8,99.8
70	1.346	1.248	1.093	1.453	1.243	1.539	1.156	1.292	60- 70	1.667	1968	99.9,99.9
80	1.150	1.141	0.8855	1.275	1.050	1.286	0.8768	1.137	70- 80	1.180	1969	99.9,99.9
90	1.187	1.174	0.9249	1.290	1.080	1.292	0.8899	1.159	80- 90	1.202	1970	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	519	400
80	252	194
75	160	132
70	150	122
65	130	109
60	145	110
55	335	229
50	764	502
45	5613	3665

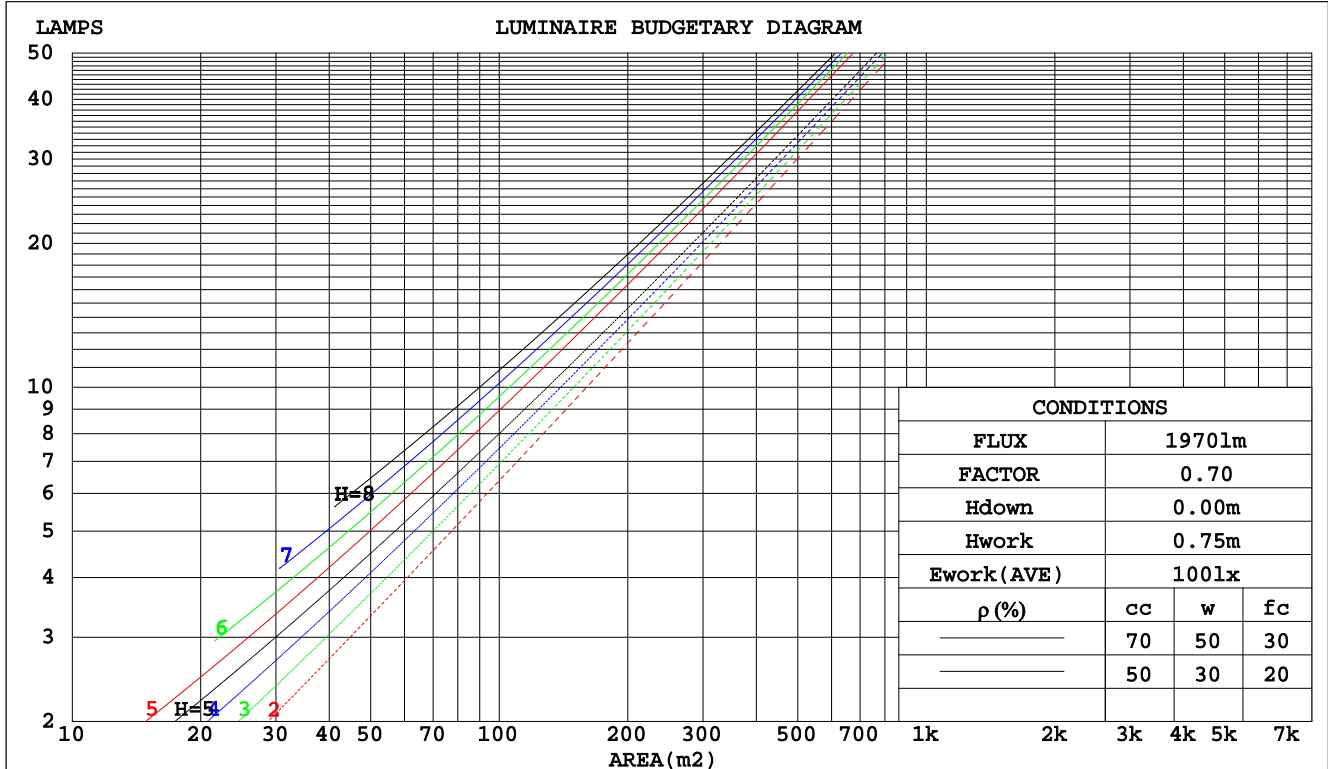
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
 Test Date: 2017-06-21

$\gamma$  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:220.7V I:0.1308A P:27.53W PF:0.9541 Lamp Flux:1970.1x1 lm		
NAME: S150S1-25W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L162mm*W162mm*H188mm	
MFR.:		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	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	1.03	1.02	1.01	.00	.99	.98	.97	.96	.94
2.0	1.04	.00	.97	1.02	.99	.96	.99	.96	.94	.96	.94	.92	.93	.91	.90	.88
3.0	.97	.92	.89	.96	.91	.88	.93	.90	.87	.91	.88	.85	.89	.86	.84	.82
4.0	.91	.86	.82	.90	.85	.81	.88	.84	.80	.86	.82	.80	.84	.81	.79	.77
5.0	.86	.80	.76	.85	.80	.76	.83	.79	.75	.81	.78	.74	.80	.77	.74	.72
6.0	.81	.75	.71	.80	.75	.71	.79	.74	.70	.77	.73	.70	.76	.72	.69	.68
7.0	.76	.71	.67	.76	.70	.66	.74	.70	.66	.73	.69	.66	.72	.68	.65	.64
8.0	.72	.66	.63	.72	.66	.62	.71	.66	.62	.70	.65	.62	.69	.65	.62	.60
9.0	.68	.63	.59	.68	.62	.59	.67	.62	.59	.66	.62	.58	.65	.61	.58	.57
10.0	.65	.59	.56	.64	.59	.56	.64	.59	.55	.63	.58	.55	.62	.58	.55	.54



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:

## WEC AND CCEC

Test:U:220.7V I:0.1308A P:27.53W PF:0.9541 Lamp Flux:1970.1x1 lm		
NAME: S150S1-25W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L162mm*W162mm*H188mm	
MFR.:		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.172	.098	.031	.165	.094	.030	.152	.087	.028	.141	.081	.026	.130	.075	.024	
2.0	.164	.090	.028	.158	.087	.027	.147	.082	.025	.138	.077	.024	.129	.073	.023	
3.0	.156	.083	.025	.151	.081	.024	.142	.077	.023	.134	.073	.022	.126	.070	.022	
4.0	.148	.077	.023	.144	.075	.022	.136	.072	.022	.129	.069	.021	.123	.067	.020	
5.0	.141	.072	.021	.138	.071	.021	.131	.068	.020	.125	.066	.020	.119	.064	.019	
6.0	.135	.068	.019	.132	.067	.019	.126	.065	.019	.121	.063	.018	.116	.061	.018	
7.0	.129	.064	.018	.127	.063	.018	.121	.061	.018	.117	.060	.017	.112	.058	.017	
8.0	.124	.061	.017	.122	.060	.017	.117	.058	.017	.113	.057	.016	.108	.056	.016	
9.0	.119	.058	.016	.117	.057	.016	.113	.056	.016	.109	.055	.016	.105	.053	.015	
10.0	.114	.055	.015	.112	.054	.015	.109	.053	.015	.105	.052	.015	.102	.051	.015	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	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	.145	.146	.135	.125	.100	.093	.086	.058	.054	.050	.018	.017	.016	
2.0	.155	.133	.114	.133	.114	.098	.091	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.142	.114	.090	.122	.098	.078	.084	.068	.055	.048	.040	.032	.016	.013	.011	
4.0	.132	.099	.073	.113	.085	.064	.078	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.123	.087	.060	.106	.075	.053	.073	.053	.037	.042	.031	.022	.014	.010	.007	
6.0	.116	.078	.050	.099	.067	.044	.069	.047	.031	.040	.028	.018	.013	.009	.006	
7.0	.109	.070	.043	.094	.061	.037	.065	.043	.026	.038	.025	.016	.012	.008	.005	
8.0	.104	.064	.037	.089	.055	.032	.062	.039	.023	.036	.023	.013	.012	.008	.004	
9.0	.098	.059	.032	.085	.051	.028	.059	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.094	.054	.028	.081	.047	.024	.056	.033	.017	.033	.020	.010	.011	.006	.003	

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:

UGR(Unified Glare Rating) Table

Test:U:220.7V I:0.1308A P:27.53W PF:0.9541 Lamp Flux:1970.1x1 lm										
NAME: S150S1-25W-940-W					TYPE:Downlight			SERIAL No.:		
SPEC.:4000K					DIM.: L162mm*W162mm*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	13.8	14.7	14.0	14.9	15.0	12.7	13.6	12.9	13.7	13.9
3H	13.6	14.5	13.9	14.7	14.9	12.5	13.3	12.8	13.5	13.7
4H	13.6	14.3	13.8	14.6	14.8	12.4	13.2	12.7	13.4	13.6
6H	13.5	14.2	13.8	14.4	14.7	12.3	13.1	12.6	13.3	13.6
8H	13.4	14.1	13.7	14.4	14.6	12.3	13.0	12.6	13.3	13.5
12H	13.4	14.1	13.7	14.3	14.6	12.3	12.9	12.6	13.2	13.5
4H 2H	13.8	14.6	14.0	14.8	15.0	12.7	13.5	13.0	13.7	13.9
3H	13.6	14.3	13.9	14.5	14.8	12.5	13.2	12.9	13.5	13.8
4H	13.5	14.1	13.8	14.4	14.7	12.4	13.1	12.8	13.4	13.7
6H	13.4	13.9	13.8	14.3	14.6	12.4	12.9	12.7	13.2	13.6
8H	13.4	13.9	13.7	14.2	14.6	12.3	12.8	12.7	13.2	13.5
12H	13.3	13.8	13.7	14.1	14.5	12.3	12.7	12.7	13.1	13.5
8H 4H	13.4	13.9	13.7	14.2	14.6	12.3	12.8	12.7	13.2	13.5
6H	13.3	13.7	13.7	14.1	14.5	12.2	12.6	12.6	13.0	13.4
8H	13.2	13.6	13.7	14.0	14.4	12.2	12.5	12.6	12.9	13.4
12H	13.2	13.5	13.6	13.9	14.4	12.1	12.4	12.6	12.9	13.3
12H 4H	13.3	13.8	13.7	14.1	14.5	12.2	12.7	12.7	13.1	13.5
6H	13.2	13.6	13.6	14.0	14.4	12.2	12.5	12.6	12.9	13.4
8H	13.2	13.5	13.6	13.9	14.4	12.1	12.4	12.6	12.9	13.3
Variations with the observer position at spacings:										
S = 1.0H	+ 3.5 / -15.6					+ 3.0 / -14.3				
1.5H	+ 5.7 / -14.0					+ 5.2 / -13.4				
2.0H	+ 7.2 / -10.0					+ 6.1 / - 8.3				

CIE Pub.117 Corrected 1970 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.4)

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:

## UTILIZATION FACTORS TABLE

Test:U:220.7V I:0.1308A P:27.53W PF:0.9541 Lamp Flux:1970.1x1 lm		
NAME: S150S1-25W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L162mm*W162mm*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) $k(RI) \times RCR = 5$									
$k = 0.60$	88	82	78	88	82	78	87	82	78	75
0.80	96	90	86	95	90	86	94	89	86	82
1.00	100	95	91	99	94	91	98	94	90	86
1.25	104	99	96	103	98	95	101	97	94	90
1.50	106	102	99	105	101	98	103	100	97	93
2.00	109	105	102	108	104	101	105	102	100	95
2.50	111	107	104	109	106	103	106	103	101	95
3.00	112	109	106	110	107	105	107	105	103	97
4.00	114	111	109	112	110	108	108	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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$\gamma$  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:

## ISOCANDELA DIAGRAM

Test:U:220.7V I:0.1308A P:27.53W PF:0.9541 Lamp Flux:1970.1x1 lm		
NAME: S150S1-25W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L162mm*W162mm*H188mm	
MFR.:		

Conical surface Flux(90deg):

1927.4 lm

%lum = 97.8%

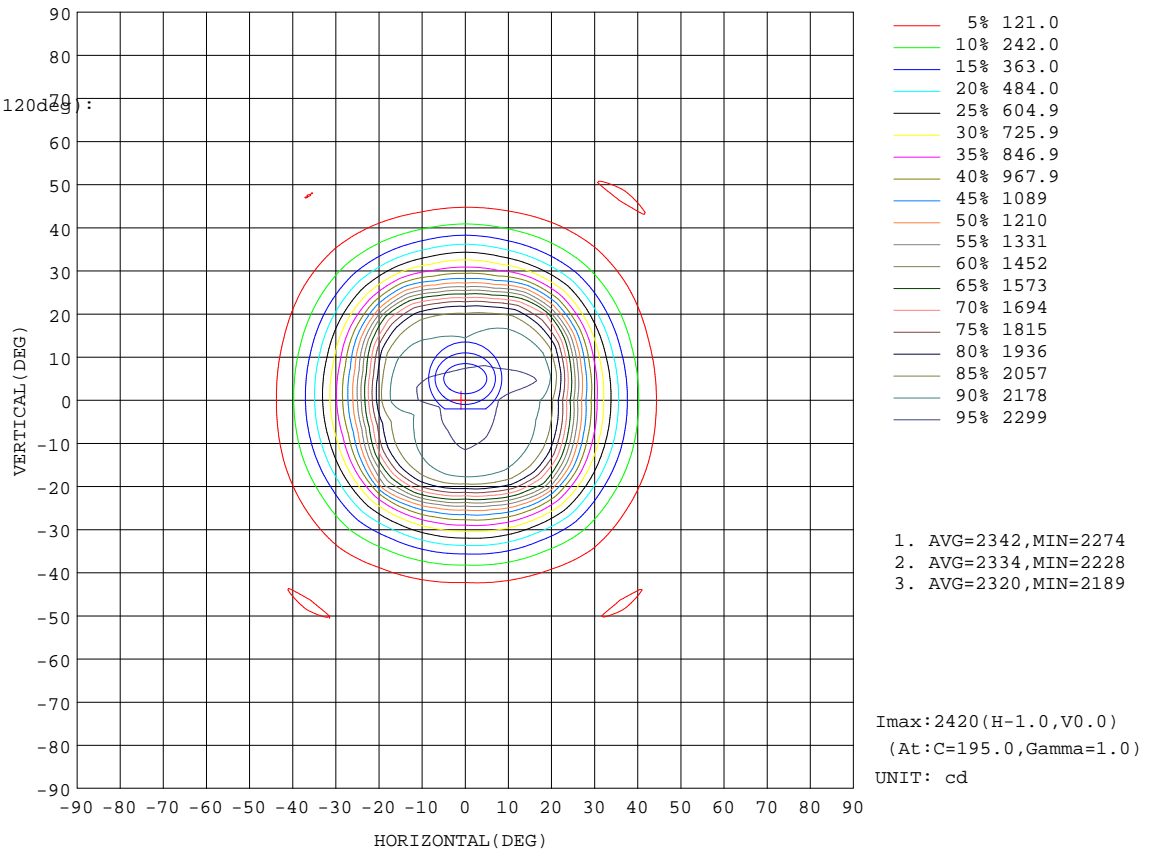
%lamp = 97.8%

Conical surface Flux(120deg):

1966 lm

%lum = 99.8%

%lamp = 99.8%



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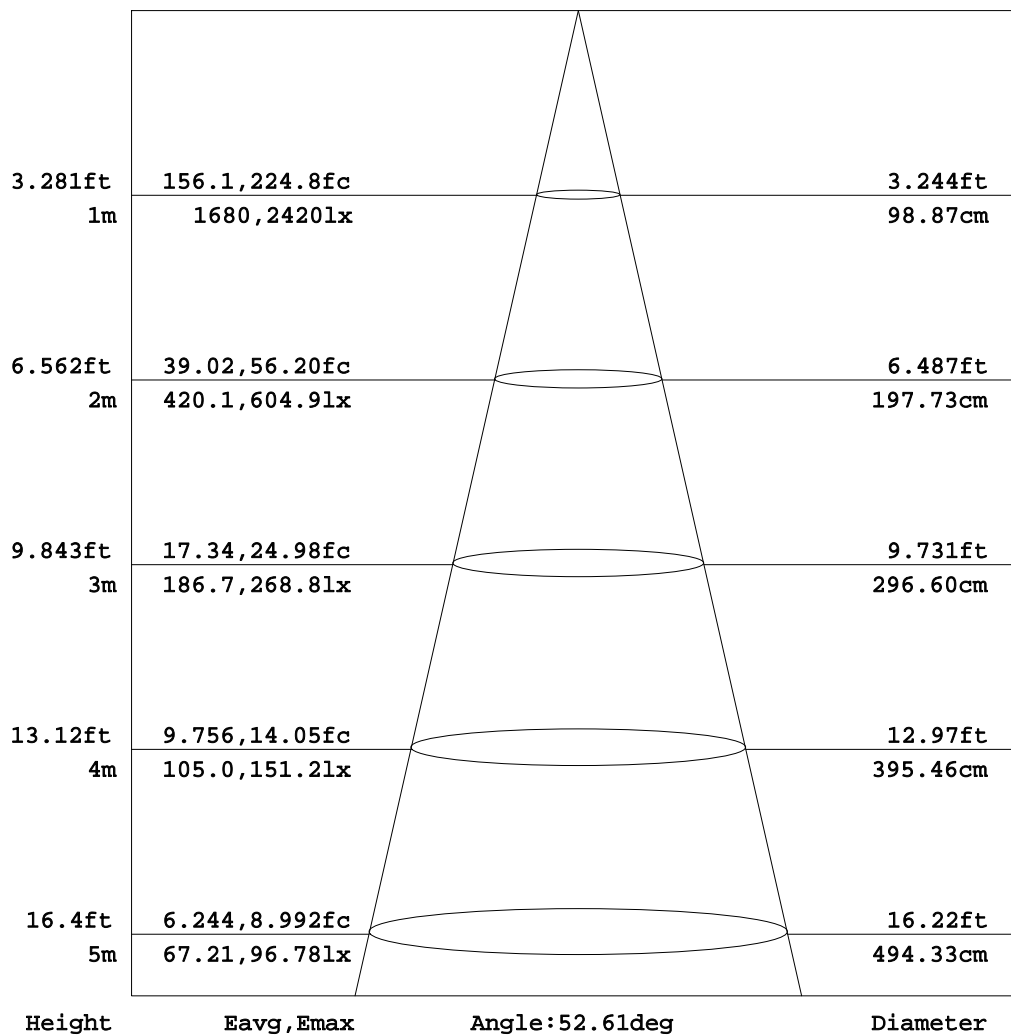
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Humidity:52%  
Test Distance:5.850m [K=1.0000]  
Remarks:



## AAI Figure

Test:U:220.7V I:0.1308A P:27.53W PF:0.9541 Lamp Flux:1970.1x1 lm		
NAME: S150S1-25W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L162mm*W162mm*H188mm	
MFR.:		

Flux out:1370 lm



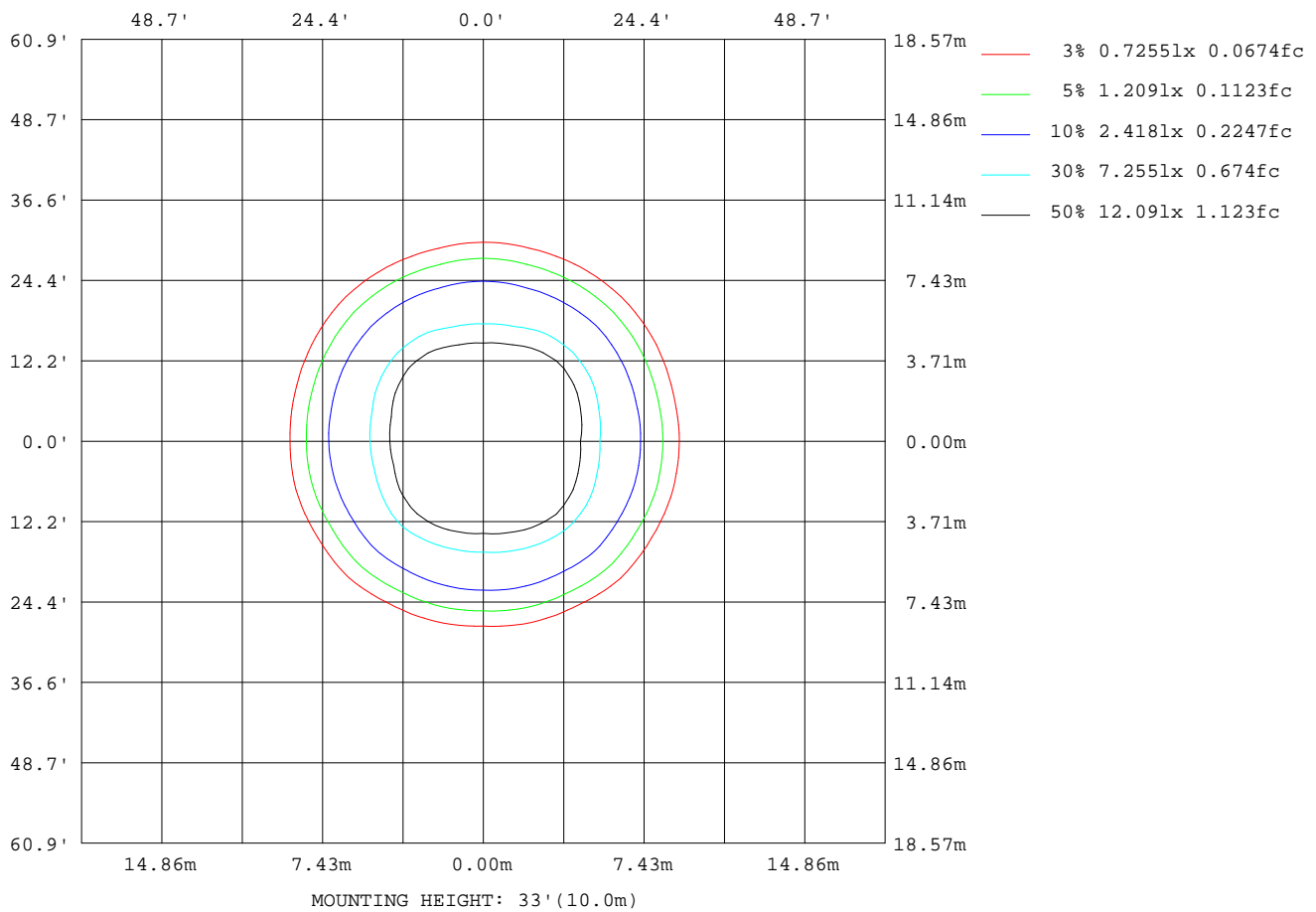
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
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Temperature: 25.3DEG  
Operators: Meng Yongjian  
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Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

## ISOLUX DIAGRAM

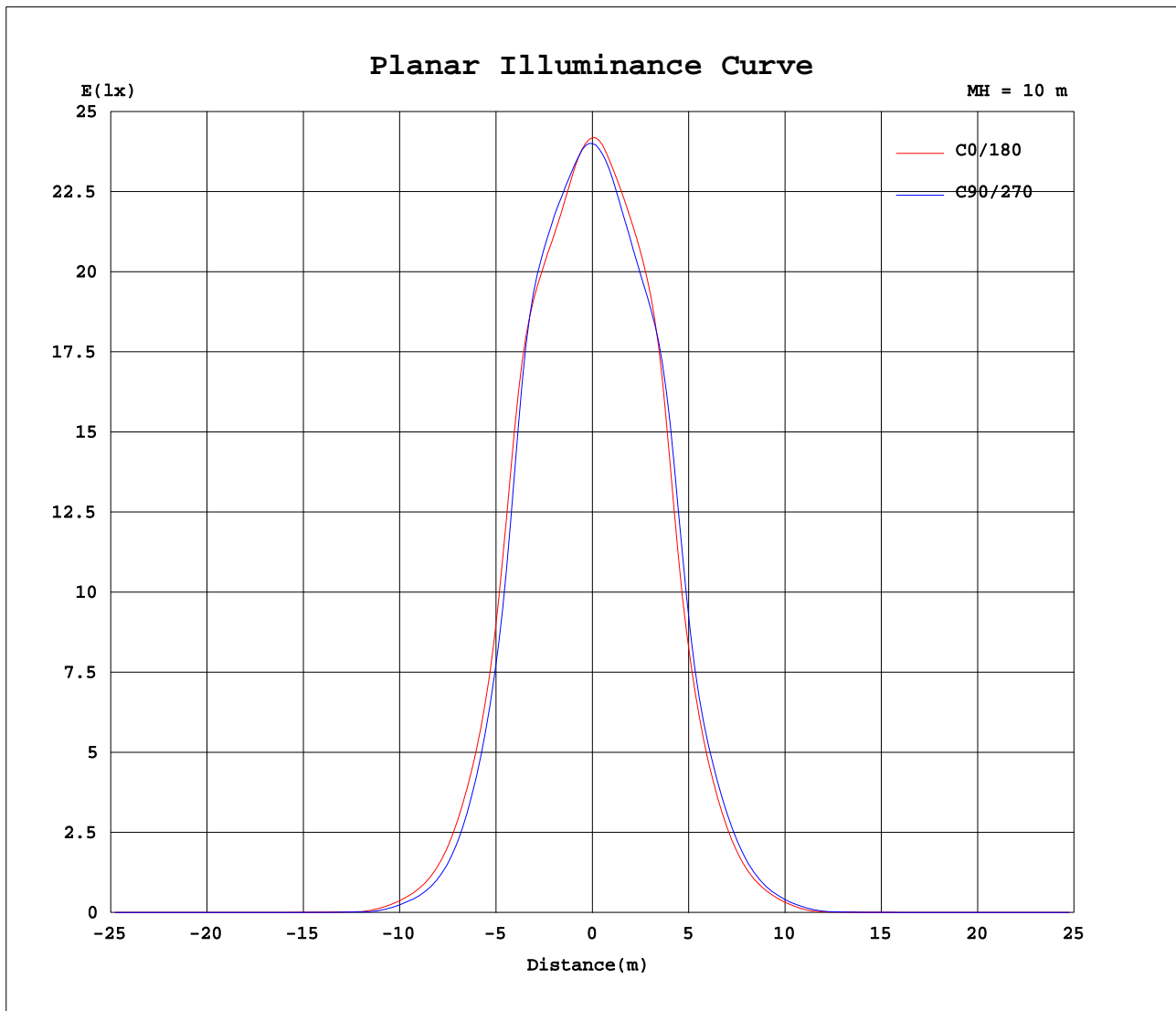
Test:U:220.7V I:0.1308A P:27.53W PF:0.9541 Lamp Flux:1970.1x1 lm		
NAME: S150S1-25W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L162mm*W162mm*H188mm	
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 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
 Humidity: 52%  
 Test Distance: 5.850m [K=1.0000]  
 Remarks:

## Planar Illuminance Curve



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:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.7V I:0.1308A P:27.53W PF:0.9541 Lamp Flux:1970.1x1 lm		
NAME: S150S1-25W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L162mm*W162mm*H188mm	
MFR.:		

Table--1

UNIT: cd

[illegible]

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

```

Range: 0 - 90DEG
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:0.1308A P:27.53W PF:0.9541 Lamp Flux:1970.1x1 lm		
NAME: S150S1-25W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L162mm*W162mm*H188mm	
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: 2017-06-21

```

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	2418	2419	2415	2411	2404	2400	2400	2400	2399	2400
3.0	2393	2394	2396	2398	2395	2392	2391	2387	2380	2376
6.0	2336	2334	2337	2346	2349	2351	2354	2344	2329	2322
9.0	2273	2270	2280	2293	2308	2315	2321	2308	2288	2271
12.0	2234	2229	2246	2260	2275	2282	2293	2280	2255	2231
15.0	2207	2202	2218	2231	2243	2250	2258	2244	2217	2189
18.0	2164	2160	2175	2185	2196	2179	2166	2167	2152	2126
21.0	1995	2028	2064	2074	2051	1943	1867	1923	1979	1968
24.0	1616	1696	1804	1816	1706	1509	1406	1478	1617	1660
27.0	1201	1272	1393	1455	1253	1104	1037	1064	1165	1328
30.0	893.7	920.7	989.9	989.6	880.5	803.4	758.3	767.5	808.4	866.9
33.0	659.9	661.3	673.7	674.0	603.0	560.7	528.5	534.4	549.0	591.5
36.0	455.0	454.3	440.2	444.0	388.4	367.2	343.4	350.0	359.8	398.4
39.0	292.9	291.8	277.5	277.6	241.2	228.4	212.6	219.7	227.9	256.0
42.0	181.5	179.9	171.4	171.2	147.2	139.4	126.8	134.8	140.4	159.8
45.0	104.2	107.0	102.6	103.8	87.72	78.59	68.01	76.17	82.94	97.40
48.0	41.44	49.19	56.54	60.23	47.91	31.53	20.25	29.36	44.03	56.63
51.0	9.449	12.04	25.78	31.89	20.09	7.902	7.505	7.840	18.10	29.36
54.0	6.113	6.544	7.915	13.96	6.281	4.922	4.231	4.764	6.058	11.70
57.0	3.182	3.634	4.372	220.6	3.784	2.775	2.425	2.756	3.615	229.2
60.0	1.905	2.035	2.484	3.000	2.315	1.659	1.446	1.644	2.247	3.782
63.0	1.494	1.375	1.597	1.906	1.544	1.242	1.249	1.261	1.513	1.924
66.0	1.460	1.296	1.242	1.355	1.366	1.189	1.207	1.202	1.334	1.530
69.0	1.715	1.617	1.477	1.636	1.699	1.531	1.477	1.518	1.545	1.866
72.0	1.078	1.076	1.043	1.229	1.397	0.8767	0.8546	0.8635	1.113	1.329
75.0	1.089	0.9053	0.9293	1.200	1.382	0.9031	0.8985	0.8572	1.001	1.296
78.0	1.128	0.9359	0.9620	1.152	1.343	0.9008	0.8901	0.8856	0.9687	1.264
81.0	1.161	0.9731	0.9860	1.137	1.295	0.9096	0.8898	0.9075	0.9555	1.270
84.0	1.191	1.028	1.023	1.137	1.242	0.9381	0.9116	0.9293	0.9685	1.274
87.0	1.176	1.054	1.041	1.130	1.198	0.9753	0.9183	0.9315	0.9751	1.286
90.0	1.187	1.078	1.065	1.174	1.218	1.001	0.9249	0.9599	1.001	1.290
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	2400	2401	2418	2419	2415	2411	2404	2400	2400	2400
3.0	2369	2367	2406	2407	2403	2392	2381	2376	2377	2382
6.0	2307	2301	2363	2364	2355	2342	2329	2323	2328	2339
9.0	2256	2240	2323	2330	2312	2290	2271	2262	2264	2279
12.0	2206	2183	2286	2294	2276	2257	2227	2217	2211	2231
15.0	2159	2134	2243	2251	2236	2222	2194	2182	2172	2195
18.0	2093	2051	2148	2168	2185	2173	2154	2141	2133	2161
21.0	1929	1833	1886	1943	2059	2073	2069	2029	2001	2049
24.0	1597	1446	1470	1538	1766	1851	1855	1714	1655	1736
27.0	1181	1079	1107	1154	1344	1505	1464	1281	1231	1297
30.0	840.0	802.5	831.9	861.6	970.7	1056	1045	926.9	916.4	932.6
33.0	585.8	586.8	609.6	631.7	688.5	732.3	725.7	683.4	693.6	686.1
36.0	390.5	406.4	419.8	434.6	469.9	503.2	498.7	484.2	494.2	483.1
39.0	252.2	266.3	271.7	281.1	302.5	325.1	324.7	317.1	325.1	316.7
42.0	159.5	168.5	168.0	173.5	187.7	202.3	200.6	194.4	200.2	196.4
45.0	97.43	97.91	91.49	98.07	112.4	121.8	118.1	110.8	114.0	115.5
48.0	53.88	40.33	28.38	38.10	61.40	70.25	64.20	51.80	49.75	58.09
51.0	22.35	8.385	8.279	8.549	25.70	36.54	29.78	13.67	9.967	14.77
54.0	6.536	5.493	5.484	5.903	7.373	15.18	9.559	6.320	5.781	6.377
57.0	4.094	3.384	3.146	3.600	4.737	134.7	4.791	3.664	3.352	3.655
60.0	2.490	1.924	1.826	2.063	3.008	3.717	2.952	2.257	1.995	2.200
63.0	1.686	1.563	1.585	1.653	2.101	2.706	2.020	1.549	1.438	1.462
66.0	1.594	1.504	1.502	1.544	1.777	1.799	1.552	1.435	1.357	1.349
69.0	1.899	1.771	1.348	1.389	1.743	1.555	1.403	1.330	1.228	1.231
72.0	1.483	0.9944	0.9272	1.064	1.668	1.496	1.225	1.075	0.9559	0.9979
75.0	1.471	0.9621	0.9841	1.019	1.553	1.371	0.9927	0.9008	0.8222	0.8395
78.0	1.541	0.9905	1.023	1.054	1.589	1.288	1.006	0.9118	0.8528	0.8527
81.0	1.502	1.021	1.058	1.087	1.513	1.288	1.021	0.9248	0.8834	0.8767
84.0	1.443	1.056	1.085	1.122	1.438	1.283	1.061	0.9184	0.8877	0.8899
87.0	1.373	1.080	1.089	1.139	1.379	1.297	1.106	0.9205	0.8921	0.9073
90.0	1.312	1.133	1.080	1.139	1.321	1.292	1.087	0.9249	0.8899	0.9249
G/C	300.0	315.0	330.0	345.0						
0.0	2399	2400	2400	2401						
3.0	2388	2392	2398	2400						
6.0	2354	2360	2367	2369						
9.0	2303	2316	2329	2339						
12.0	2258	2285	2309	2325						
15.0	2230	2259	2289	2316						
18.0	2195	2226	2260	2287						
21.0	2125	2149	2178	2146						

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	1926	1959	1960	1794
27.0	1537	1695	1552	1337
30.0	1091	1159	1094	955.1
33.0	738.7	787.4	741.1	680.0
36.0	497.2	522.2	490.2	461.1
39.0	323.6	330.2	313.1	294.2
42.0	201.6	203.9	194.7	181.1
45.0	121.7	124.1	117.2	105.4
48.0	70.52	73.65	66.10	49.11
51.0	35.21	40.06	31.29	11.74
54.0	11.14	18.31	9.859	7.057
57.0	4.941	256.1	5.347	3.996
60.0	2.883	3.564	2.986	2.178
63.0	1.858	2.420	1.910	1.455
66.0	1.434	1.544	1.325	1.358
69.0	1.456	1.319	1.207	1.288
72.0	1.414	1.242	1.135	1.190
75.0	1.294	1.181	1.017	0.9926
78.0	1.261	1.136	1.065	1.023
81.0	1.207	1.138	1.115	1.071
84.0	1.150	1.135	1.133	1.211
87.0	1.146	1.128	1.137	1.273
90.0	1.165	1.159	1.139	1.128

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: