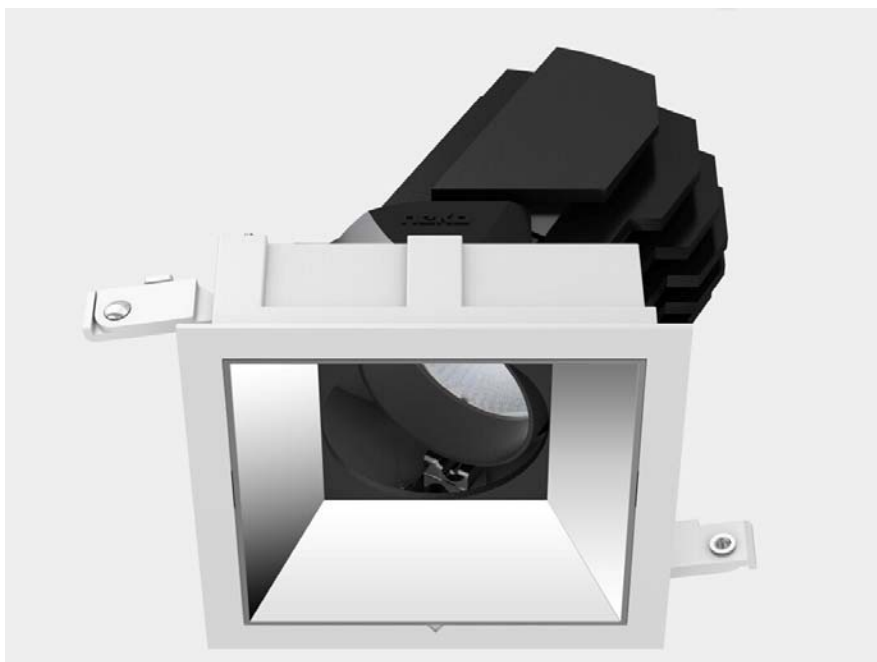


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LED Downlight SENSE Series LE-  
S100S1-13W-940-M

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Light Output Ratio:	100.0%	
Luminaire Power:	14.33 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.65	fine grid method.

---

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-05-13

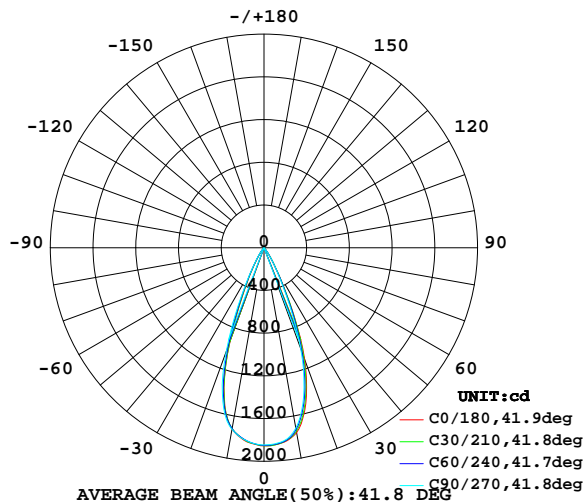
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

## LUMINAIRE PHOTOMETRIC TEST REPORT

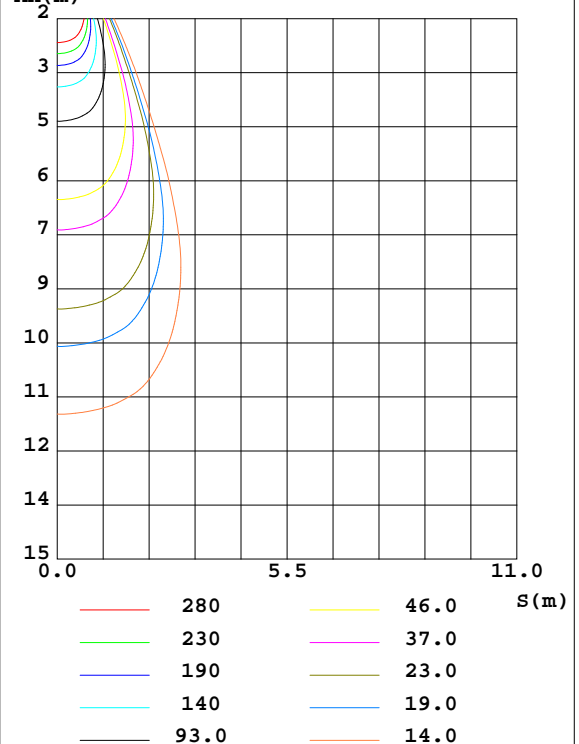
Test:U:220.7V I:0.0710A P:14.33W PF:0.9155 Lamp Flux:876.862x1 lm		
NAME: S100S1-13W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L108mm*W108mm*H126mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 61.18 lm/W			
MODEL	CITIZEN-4000K	Imax(cd)	1856	S/MH(C0/180)	0.60
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.63
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	876.86	$\eta$ UP,DN(C0-180)	0.0,50.0
NOMINAL FLUX(lm)	876.862	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	0.0,50.0
LAMPS INSIDE	1	$\eta$ up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	$\eta$ down(%)	100.0	CIBSE SHR MAX	0.65

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



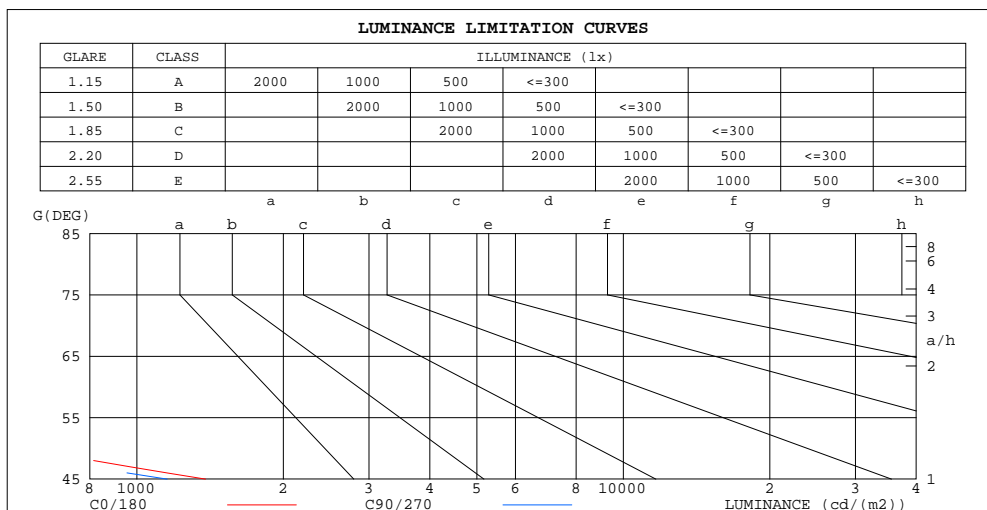
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-05-13

$\gamma$  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	1760	1740	1716	1712	1727	1719	1727	1743	0- 10	171.1	171.1	19.5,19.5
20	1114	1077	1011	951.7	932.9	943.9	1035	1105	10- 20	396.2	567.3	64.7,64.7
30	224.2	228.5	207.5	187.8	184.0	187.5	208.9	215.1	20- 30	240.2	807.5	92.1,92.1
40	30.92	33.21	28.42	25.80	25.35	30.21	31.17	31.25	30- 40	55.73	863.2	98.4,98.4
50	4.797	6.606	4.102	5.645	4.683	6.707	5.182	7.207	40- 50	10.51	873.8	99.6,99.6
60	0.8077	1.696	0.5470	1.388	0.4611	1.619	0.7904	1.973	50- 60	2.727	876.5	100,100
70	0.0875	0.0546	0.0679	0.0437	0.0348	0.0635	0.0480	0.0810	60- 70	0.3130	876.8	100,100
80	0.0262	0.0262	0.0328	0.0262	0.0219	0.0262	0.0241	0.0241	70- 80	0.0360	876.8	100,100
90	0.0262	0.0284	0.0306	0.0328	0.0219	0.0219	0.0241	0.0241	80- 90	0.0286	876.9	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(°)	C0/180	C90/270
85	26	32
80	13	16
75	10	12
70	22	17
65	24	21
60	138	94
55	425	342
50	640	547
45	1385	1154

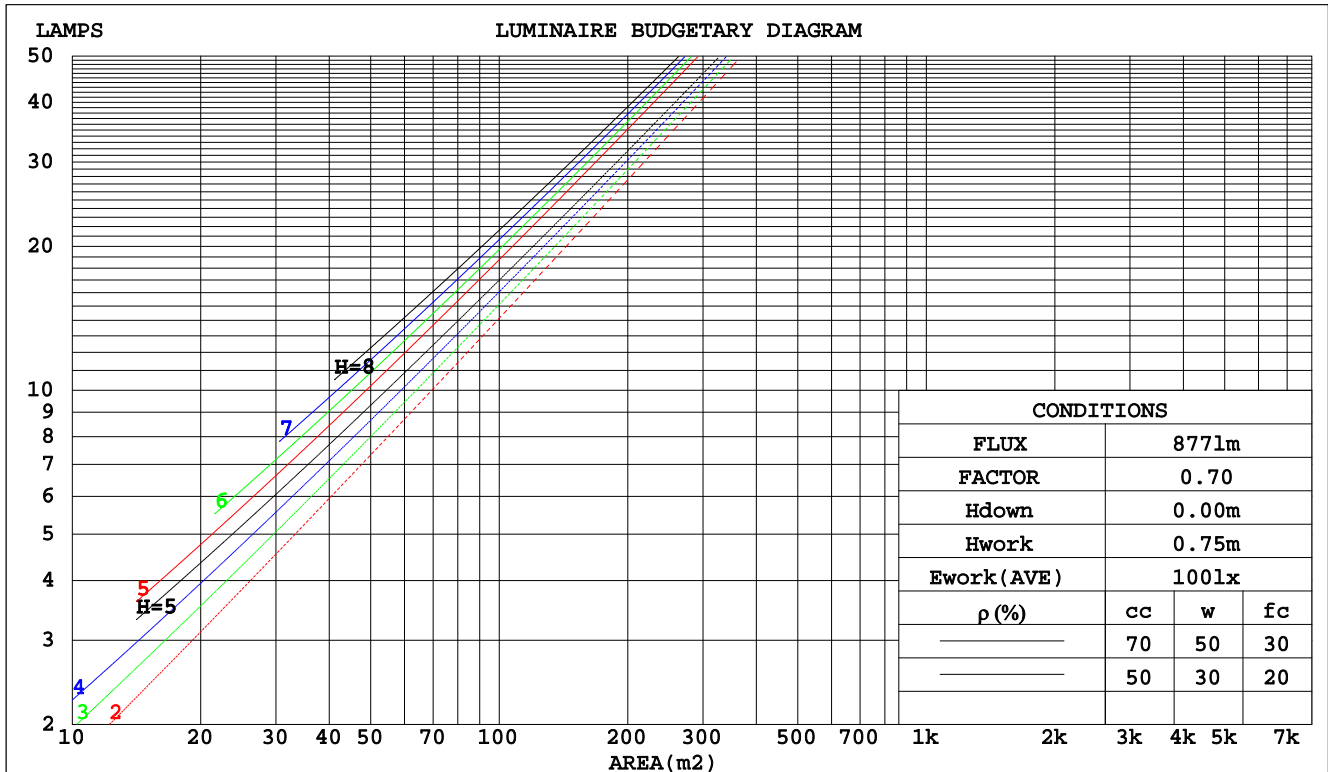
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
 Test Date: 2017-05-13

$\gamma$  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:0.0710A P:14.33W PF:0.9155 Lamp Flux:876.862x1 lm		
NAME: S100S1-13W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L108mm*W108mm*H126mm	
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	.00
1.0	1.12	1.10	1.08	1.10	1.08	1.06	1.06	1.05	1.03	1.02	1.01	1.00	.99	.98	.97	.96
2.0	1.06	1.03	.00	1.04	1.01	.99	1.01	.99	.97	.98	.96	.95	.96	.94	.93	.91
3.0	1.01	.96	.93	.99	.96	.92	.97	.94	.91	.94	.92	.90	.92	.90	.88	.87
4.0	.96	.91	.88	.95	.90	.87	.93	.89	.86	.91	.88	.85	.89	.86	.84	.83
5.0	.91	.87	.83	.90	.86	.83	.89	.85	.82	.87	.84	.81	.86	.83	.81	.79
6.0	.87	.82	.79	.86	.82	.79	.85	.81	.78	.84	.80	.78	.83	.80	.77	.76
7.0	.83	.79	.75	.83	.78	.75	.82	.78	.75	.81	.77	.74	.80	.76	.74	.73
8.0	.80	.75	.72	.80	.75	.72	.79	.74	.71	.78	.74	.71	.77	.73	.71	.70
9.0	.77	.72	.69	.76	.72	.69	.76	.71	.69	.75	.71	.68	.74	.71	.68	.67
10.0	.74	.69	.66	.74	.69	.66	.73	.69	.66	.72	.68	.66	.71	.68	.65	.64



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
 Test Date: 2017-05-13

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:0.0710A P:14.33W PF:0.9155 Lamp Flux:876.862x1 lm		
NAME: S100S1-13W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L108mm*W108mm*H126mm	
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	.151	.086	.027	.145	.083	.026	.132	.076	.024	.121	.070	.022	.110	.064	.021		
2.0	.142	.078	.024	.137	.075	.023	.126	.070	.022	.117	.066	.021	.108	.061	.019		
3.0	.134	.071	.021	.129	.069	.021	.121	.065	.020	.113	.062	.019	.105	.058	.018		
4.0	.127	.066	.019	.123	.064	.019	.115	.061	.018	.109	.058	.018	.102	.056	.017		
5.0	.120	.061	.018	.117	.060	.017	.111	.058	.017	.105	.055	.016	.099	.053	.016		
6.0	.115	.057	.016	.112	.056	.016	.106	.054	.016	.101	.053	.015	.096	.051	.015		
7.0	.110	.054	.015	.107	.053	.015	.102	.052	.015	.098	.050	.015	.093	.048	.014		
8.0	.105	.051	.014	.103	.051	.014	.098	.049	.014	.094	.048	.014	.091	.046	.014		
9.0	.101	.049	.014	.099	.048	.014	.095	.047	.013	.091	.046	.013	.088	.045	.013		
10.0	.097	.046	.013	.095	.046	.013	.092	.045	.013	.088	.044	.012	.085	.043	.012		

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	.169	.158	.147	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.152	.133	.116	.130	.114	.100	.089	.079	.070	.052	.046	.041	.017	.015	.013	
3.0	.138	.113	.094	.119	.098	.081	.081	.068	.057	.047	.040	.034	.015	.013	.011	
4.0	.127	.098	.077	.109	.085	.066	.075	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.117	.086	.064	.100	.075	.055	.069	.052	.039	.040	.031	.023	.013	.010	.008	
6.0	.109	.077	.053	.093	.066	.046	.064	.046	.033	.037	.027	.020	.012	.009	.006	
7.0	.102	.069	.045	.088	.059	.040	.060	.042	.028	.035	.025	.017	.011	.008	.006	
8.0	.096	.062	.039	.082	.054	.034	.057	.038	.024	.033	.022	.014	.011	.007	.005	
9.0	.090	.057	.034	.078	.049	.030	.054	.035	.021	.031	.020	.013	.010	.007	.004	
10.0	.086	.052	.030	.074	.045	.026	.051	.032	.018	.030	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-05-13

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:0.0710A P:14.33W PF:0.9155 Lamp Flux:876.862x1 lm										
NAME: S100S1-13W-940-M					TYPE:Downlight			SERIAL No.:		
SPEC.:4000K					DIM.: L108mm*W108mm*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	7.5	8.3	7.7	8.4	8.6	7.3	8.0	7.5	8.2	8.4
3H	7.4	8.1	7.6	8.3	8.5	7.1	7.8	7.4	8.0	8.2
4H	7.3	7.9	7.5	8.2	8.4	7.0	7.7	7.3	7.9	8.1
6H	7.2	7.8	7.5	8.1	8.3	7.0	7.6	7.2	7.8	8.1
8H	7.2	7.8	7.4	8.0	8.3	6.9	7.5	7.2	7.8	8.0
12H	7.1	7.7	7.4	7.9	8.2	6.9	7.4	7.2	7.7	8.0
4H 2H	7.3	8.0	7.6	8.2	8.4	7.1	7.7	7.3	7.9	8.1
3H	7.1	7.7	7.4	8.0	8.2	6.9	7.5	7.2	7.7	8.0
4H	7.0	7.5	7.4	7.8	8.1	6.8	7.3	7.1	7.6	7.9
6H	6.9	7.4	7.3	7.7	8.1	6.7	7.1	7.0	7.5	7.8
8H	6.9	7.3	7.3	7.6	8.0	6.6	7.1	7.0	7.4	7.8
12H	6.8	7.2	7.2	7.6	8.0	6.6	7.0	7.0	7.3	7.7
8H 4H	6.9	7.3	7.3	7.6	8.0	6.6	7.1	7.0	7.4	7.8
6H	6.8	7.1	7.2	7.5	7.9	6.5	6.9	6.9	7.3	7.7
8H	6.7	7.0	7.1	7.4	7.9	6.5	6.8	6.9	7.2	7.6
12H	6.6	6.9	7.1	7.4	7.8	6.4	6.7	6.9	7.1	7.6
12H 4H	6.8	7.2	7.2	7.6	8.0	6.6	7.0	7.0	7.3	7.7
6H	6.7	7.0	7.1	7.4	7.9	6.5	6.8	6.9	7.2	7.6
8H	6.6	6.9	7.1	7.4	7.8	6.4	6.7	6.9	7.1	7.6
Variations with the observer position at spacings:										
S = 1.0H	+ 3.6 / -12.0					+ 3.5 / -13.0				
1.5H	+ 5.9 / - 7.9					+ 5.8 / - 8.1				
2.0H	+ 5.4 / -10.8					+ 5.2 / -12.0				

CIE Pub.117 Corrected 876.9 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.5)

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Meng Yongjian  
 Test Date:2017-05-13

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:0.0710A P:14.33W PF:0.9155 Lamp Flux:876.862x1 lm		
NAME: S100S1-13W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L108mm*W108mm*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) $k(RI) \times RCR = 5$									
$k = 0.60$	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	108	103	100	106	103	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	98
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		

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Meng Yongjian  
 Test Date:2017-05-13

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:

## ISOCANDELA DIAGRAM

Test:U:220.7V I:0.0710A P:14.33W PF:0.9155 Lamp Flux:876.862x1 lm		
NAME: S100S1-13W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L108mm*W108mm*H126mm	
MFR.:		

Conical surface Flux(90deg):

870.44 lm

%lum = 99.3%

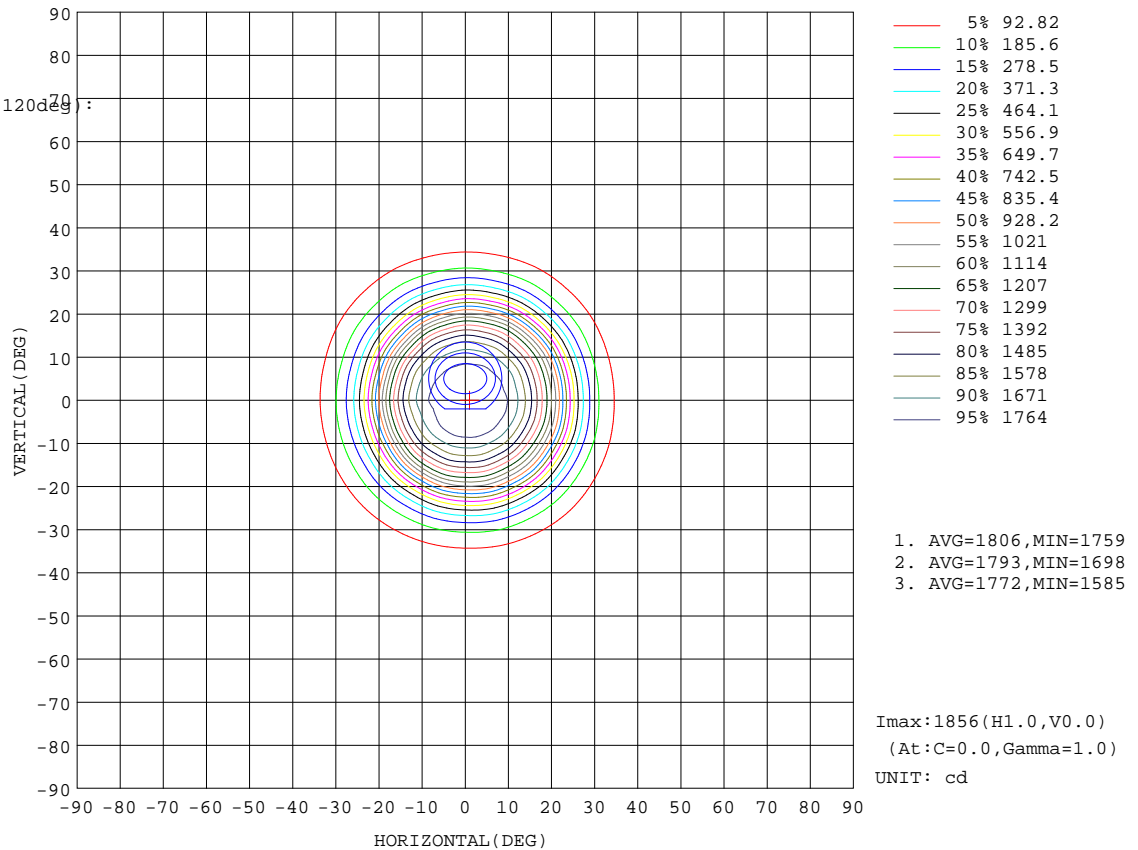
%lamp = 99.3%

Conical surface Flux(120deg):

876.48 lm

%lum = 100.0%

%lamp = 100.0%



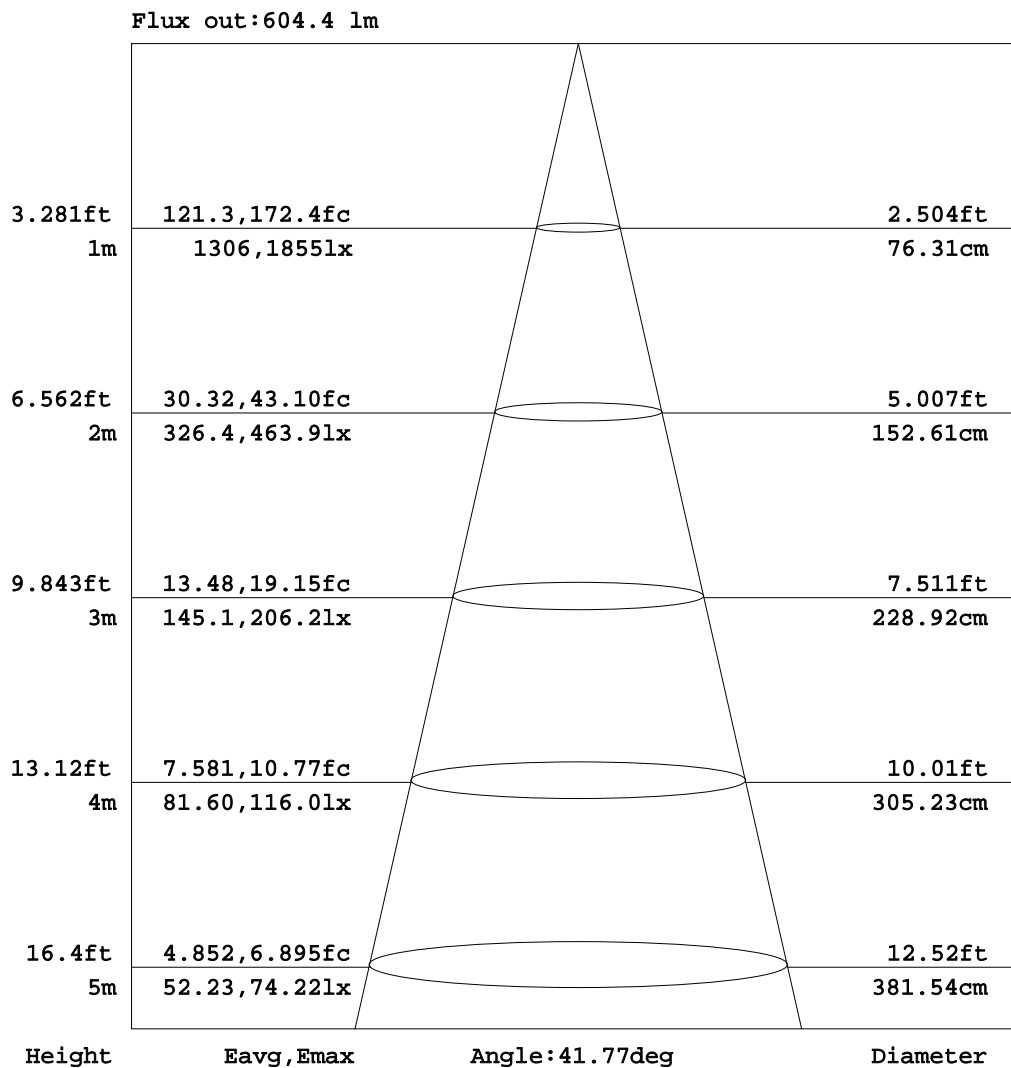
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-05-13

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:



## AAI Figure

Test:U:220.7V I:0.0710A P:14.33W PF:0.9155 Lamp Flux:876.862x1 lm		
NAME: S100S1-13W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L108mm*W108mm*H126mm	
MFR.:		



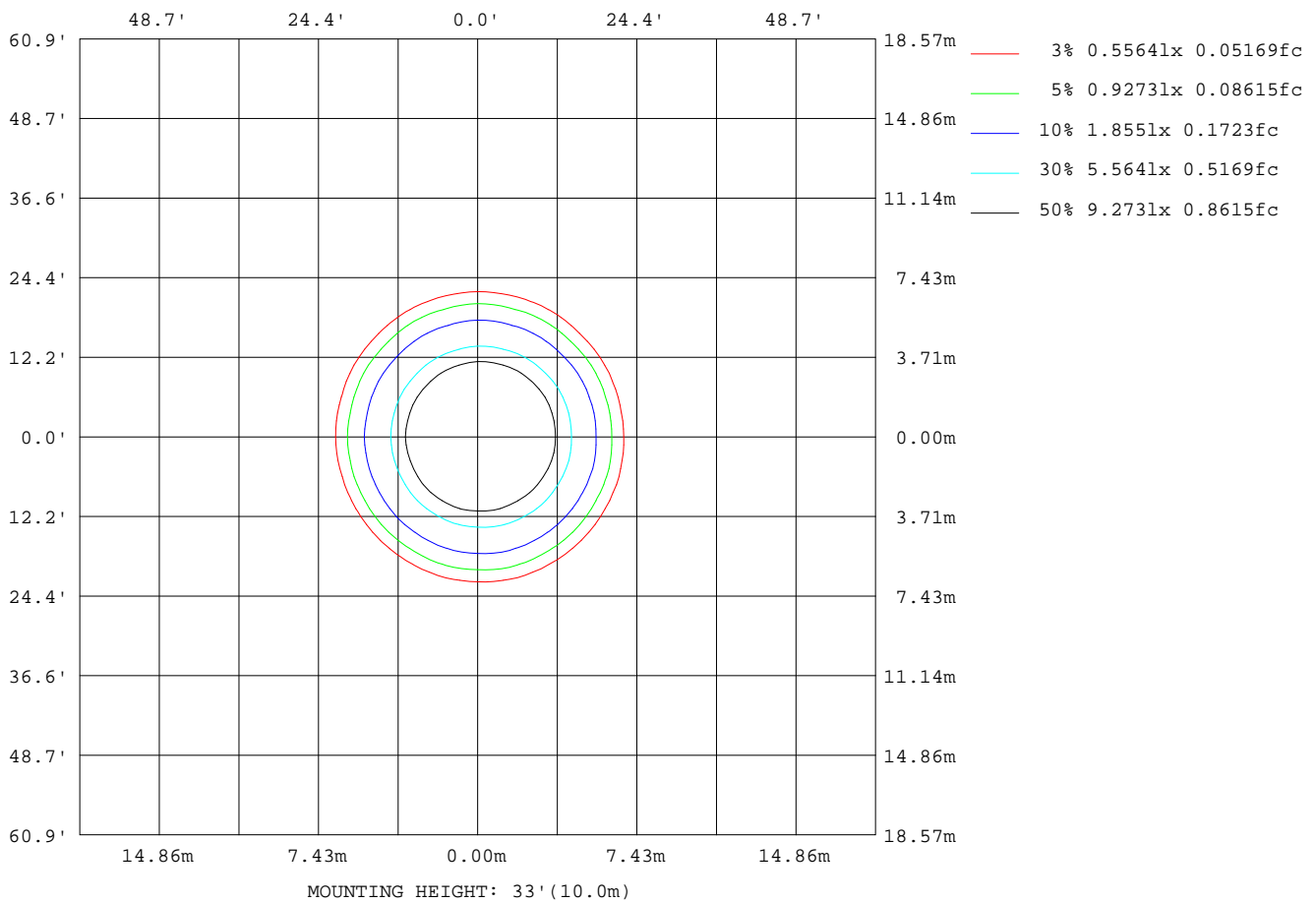
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-05-13

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:

## ISOLUX DIAGRAM

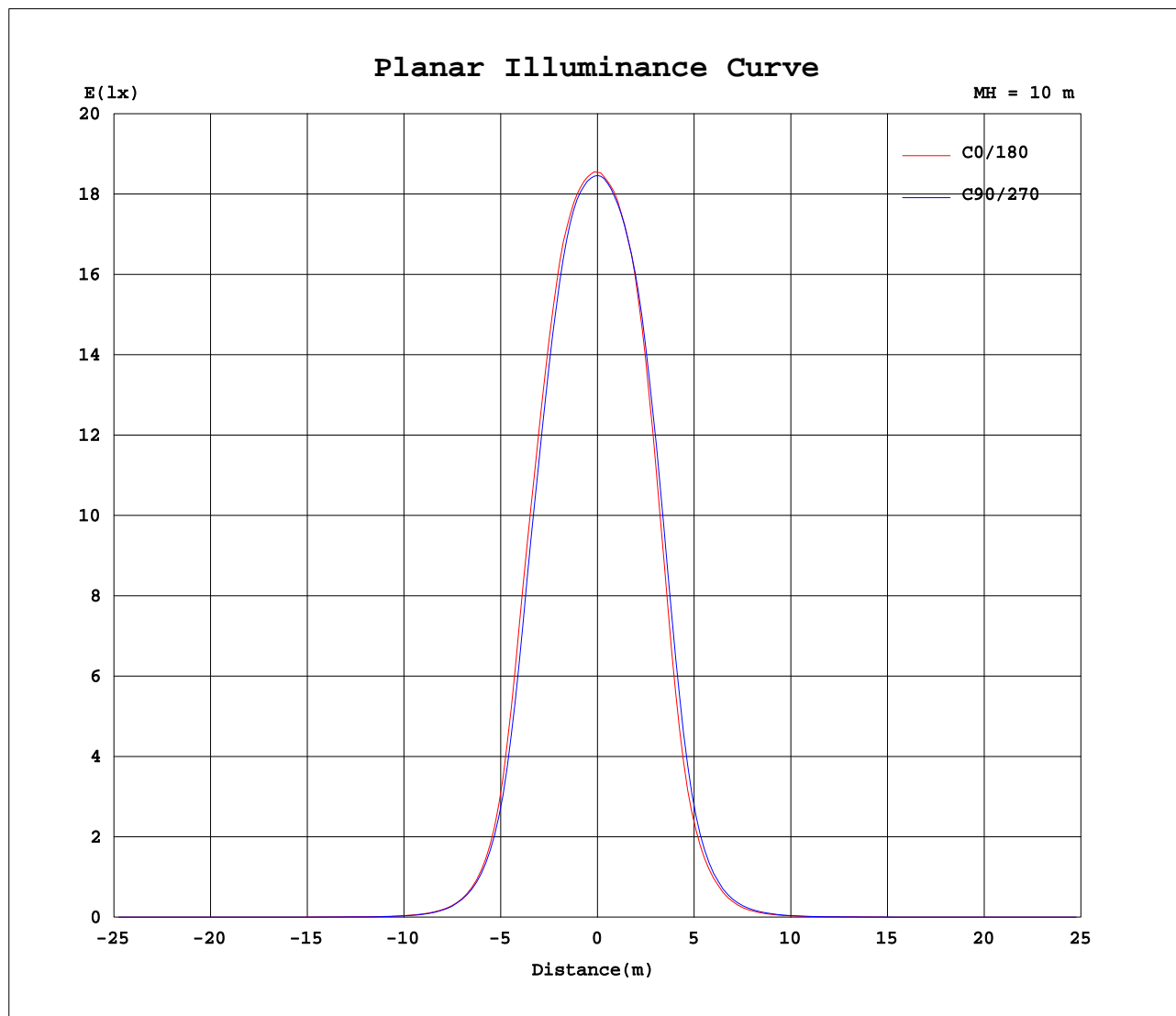
Test:U:220.7V I:0.0710A P:14.33W PF:0.9155 Lamp Flux:876.862x1 lm		
NAME: S100S1-13W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L108mm*W108mm*H126mm	
MFR.:		



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
 Test Date: 2017-05-13

$\gamma$  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:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-05-13

$\gamma$  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:0.0710A P:14.33W PF:0.9155 Lamp Flux:876.862x1 lm		
NAME: S100S1-13W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L108mm*W108mm*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: 2017-05-13

```

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	1855	1855	1854	1852	1850	1848	1846	1844	1843	1841
3.0	1850	1849	1851	1850	1845	1842	1839	1837	1833	1830
6.0	1830	1829	1825	1824	1823	1822	1816	1813	1804	1800
9.0	1782	1786	1774	1774	1765	1759	1751	1749	1746	1746
12.0	1682	1679	1665	1658	1641	1638	1624	1626	1614	1619
15.0	1513	1511	1491	1487	1461	1455	1436	1437	1427	1429
18.0	1286	1289	1262	1253	1225	1221	1198	1198	1175	1170
21.0	1018	1019	994.5	984.8	951.6	942.1	903.0	888.9	851.0	837.5
24.0	682.9	692.6	673.2	671.3	650.4	627.0	595.2	573.9	539.1	528.3
27.0	397.1	407.8	397.2	400.3	384.5	378.1	353.5	345.1	324.3	316.9
30.0	224.2	231.2	226.8	228.5	221.6	220.4	207.5	201.7	191.2	187.8
33.0	125.3	131.5	126.6	130.4	125.6	127.7	118.6	116.0	109.3	105.8
36.0	68.63	71.48	70.46	71.06	70.29	69.76	66.70	63.65	60.81	56.96
39.0	37.79	39.50	39.41	40.00	39.14	38.22	35.16	34.68	32.67	31.17
42.0	20.75	22.18	22.95	23.20	22.46	20.75	18.24	18.76	18.46	17.94
45.0	11.42	12.53	13.70	14.07	13.12	11.13	9.518	10.38	11.08	11.15
48.0	6.359	7.215	8.369	8.912	7.775	6.211	5.139	5.941	6.884	7.338
51.0	4.430	4.433	5.143	5.745	4.770	3.939	3.808	3.911	4.466	4.933
54.0	3.335	3.408	3.409	3.718	3.240	3.017	2.736	2.951	3.139	3.345
57.0	1.874	2.104	2.483	2.606	2.354	1.792	1.456	1.707	2.164	2.365
60.0	0.8077	0.9967	1.431	1.696	1.333	0.7870	0.5470	0.7258	1.149	1.388
63.0	0.1834	0.2806	0.6172	0.8134	0.5428	0.1610	0.1122	0.1286	0.4201	0.5841
66.0	0.1159	0.0874	0.1412	0.2550	0.1082	0.0743	0.1028	0.0743	0.0945	0.1394
69.0	0.0963	0.0721	0.0853	0.0633	0.0766	0.0611	0.0810	0.0633	0.0809	0.0524
72.0	0.0485	0.0392	0.0657	0.0371	0.0570	0.0306	0.0395	0.0306	0.0570	0.0327
75.0	0.0306	0.0241	0.0308	0.0241	0.0307	0.0284	0.0350	0.0306	0.0306	0.0262
78.0	0.0262	0.0262	0.0241	0.0241	0.0262	0.0284	0.0328	0.0306	0.0306	0.0262
81.0	0.0262	0.0284	0.0241	0.0262	0.0262	0.0284	0.0328	0.0306	0.0284	0.0262
84.0	0.0262	0.0284	0.0241	0.0262	0.0262	0.0328	0.0328	0.0306	0.0284	0.0284
87.0	0.0262	0.0284	0.0241	0.0284	0.0262	0.0328	0.0328	0.0306	0.0284	0.0328
90.0	0.0262	0.0284	0.0241	0.0284	0.0262	0.0328	0.0306	0.0306	0.0306	0.0328

G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	1839	1855	1855	1854	1852	1850	1848	1846	1844	1844
3.0	1823	1821	1839	1838	1837	1835	1836	1834	1835	1833
6.0	1793	1793	1812	1805	1805	1798	1803	1802	1805	1804
9.0	1737	1737	1752	1747	1747	1746	1748	1745	1750	1754
12.0	1614	1614	1641	1634	1641	1637	1648	1651	1662	1664
15.0	1419	1418	1440	1437	1446	1449	1464	1470	1492	1492
18.0	1139	1138	1159	1145	1164	1164	1199	1209	1247	1255
21.0	802.7	799.7	815.1	803.1	828.6	832.7	868.6	881.3	927.2	941.6
24.0	499.7	497.1	508.2	501.0	522.2	526.7	558.9	572.7	601.7	616.0
27.0	301.6	301.1	307.2	302.9	313.9	317.6	334.7	339.7	357.0	359.1
30.0	181.3	181.9	184.0	180.2	187.2	187.5	197.9	199.2	208.9	208.6
33.0	102.2	102.4	105.1	104.9	109.5	108.9	114.6	115.2	119.4	119.9
36.0	54.34	54.89	57.19	59.56	61.65	63.58	66.11	67.59	67.00	68.59
39.0	29.66	29.69	31.19	32.17	35.34	36.05	38.10	37.65	37.94	37.55
42.0	17.15	16.32	17.09	18.15	21.14	21.70	22.62	21.51	21.38	21.63
45.0	10.58	9.566	9.480	10.50	12.74	13.49	14.06	12.50	11.92	12.59
48.0	6.756	5.817	5.626	6.246	7.983	8.791	8.751	7.464	6.773	7.554
51.0	4.435	4.116	4.315	4.355	5.143	5.861	5.641	4.822	4.816	4.896
54.0	3.181	2.887	2.789	3.026	3.621	3.980	3.895	3.587	3.460	3.714
57.0	2.095	1.530	1.391	1.576	2.361	2.802	2.719	2.066	1.915	2.188
60.0	1.040	0.5752	0.4611	0.5945	1.190	1.619	1.474	0.9142	0.7904	0.9951
63.0	0.3456	0.0743	0.0743	0.1015	0.4001	0.7064	0.5876	0.2006	0.1284	0.2445
66.0	0.0790	0.0634	0.0634	0.0853	0.0634	0.1913	0.0893	0.0919	0.0699	0.0963
69.0	0.0700	0.0437	0.0501	0.0722	0.0502	0.0722	0.0502	0.0766	0.0589	0.0853
72.0	0.0482	0.0284	0.0219	0.0395	0.0327	0.0591	0.0327	0.0417	0.0262	0.0505
75.0	0.0284	0.0284	0.0219	0.0328	0.0241	0.0307	0.0219	0.0284	0.0241	0.0306
78.0	0.0263	0.0284	0.0219	0.0306	0.0241	0.0262	0.0219	0.0263	0.0241	0.0241
81.0	0.0262	0.0284	0.0219	0.0306	0.0241	0.0262	0.0219	0.0262	0.0241	0.0241
84.0	0.0262	0.0284	0.0219	0.0284	0.0241	0.0241	0.0219	0.0262	0.0241	0.0241
87.0	0.0262	0.0306	0.0219	0.0263	0.0241	0.0241	0.0219	0.0262	0.0241	0.0241
90.0	0.0306	0.0306	0.0219	0.0284	0.0241	0.0219	0.0219	0.0241	0.0241	0.0241

G/C	300.0	315.0	330.0	345.0
0.0	1843	1841	1839	1837
3.0	1832	1831	1832	1831
6.0	1807	1807	1812	1813
9.0	1764	1764	1770	1767
12.0	1675	1678	1688	1675
15.0	1511	1509	1520	1510
18.0	1284	1286	1303	1292
21.0	984.7	998.5	1030	1025

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.3DEG

Operators: Meng Yongjian

Test Date: 2017-05-13

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	649.0	657.1	689.5	684.3
27.0	377.6	380.6	400.0	397.5
30.0	217.3	215.1	225.4	222.8
33.0	125.7	121.0	128.0	124.4
36.0	69.09	68.50	68.62	69.23
39.0	39.45	37.42	38.38	36.67
42.0	23.25	22.44	22.44	20.99
45.0	14.28	13.99	13.99	12.25
48.0	9.103	9.245	8.935	7.352
51.0	5.972	6.353	5.813	4.613
54.0	4.093	4.334	3.881	3.493
57.0	2.967	3.018	2.825	2.214
60.0	1.712	1.973	1.714	1.063
63.0	0.7404	0.9910	0.7733	0.3277
66.0	0.1501	0.3579	0.2044	0.1181
69.0	0.0634	0.0922	0.0721	0.0984
72.0	0.0436	0.0700	0.0567	0.0701
75.0	0.0219	0.0417	0.0219	0.0263
78.0	0.0219	0.0262	0.0219	0.0262
81.0	0.0219	0.0241	0.0219	0.0262
84.0	0.0219	0.0241	0.0219	0.0262
87.0	0.0241	0.0241	0.0219	0.0262
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: 2017-05-13

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: