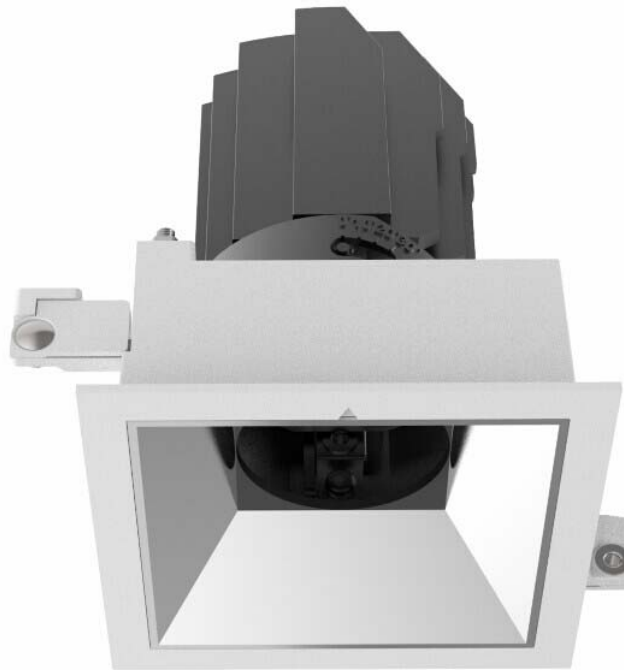


LED Downlight SENSE Series S68S1-7.5W-940-N



Light Output Ratio:	100.0%	
Luminaire Power:	9.121 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	1.00	fine grid method.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-08-11

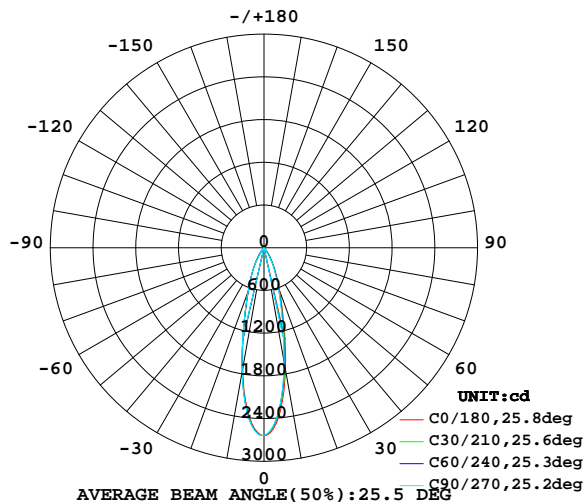
γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

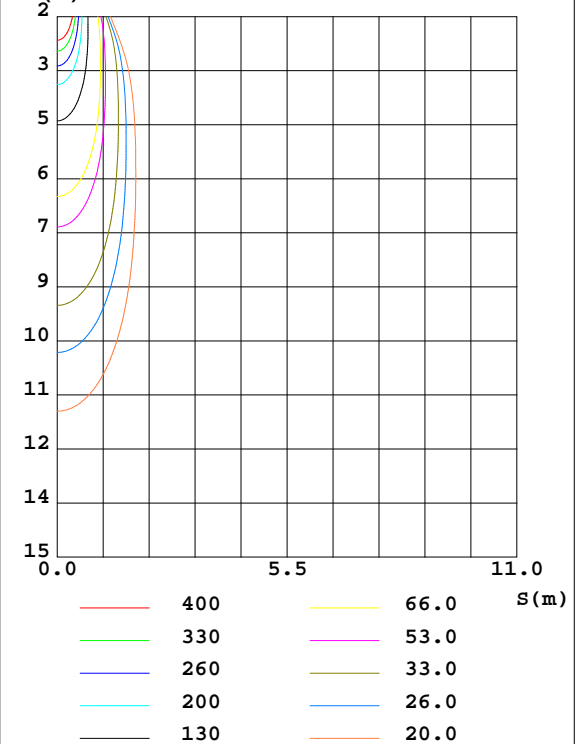
Test:U:220.6V I:0.0477A P:9.121W PF:0.8655 Lamp Flux:763.632x1 lm		
NAME: S68S1-7.5W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L78mm*W78mm*H98mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 83.72 lm/W			
MODEL	CITIZEN-4000K	I _{max} (cd)	2650	S/MH(C0/180)	0.44
NOMINAL POWER(W)	9.0	LOR(%)	100.0	S/MH(C90/270)	0.44
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	763.63	η UP,DN(C0-180)	0.0,48.2
NOMINAL FLUX(lm)	763.632	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,51.8
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



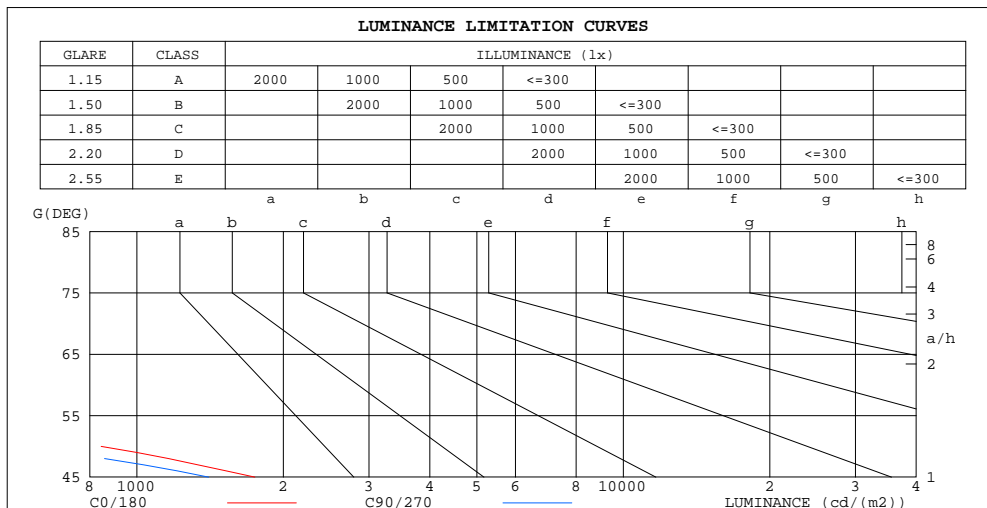
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-08-11

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:

**ZONAL FLUX DIAGRAM
AND LUMINANCE LIMITATION CURVES**

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	1737	1676	1627	1645	1730	1744	1771	1774	0- 10	205.0	205.0	26.8,26.8
20	642.7	613.2	586.7	602.3	646.6	652.6	655.9	671.1	10- 20	293.2	498.2	65.2,65.2
30	212.7	220.6	185.6	220.1	208.8	230.8	217.0	242.6	20- 30	181.0	679.1	88.9,88.9
40	26.77	72.48	19.85	65.65	25.66	68.74	29.51	74.57	30- 40	68.79	747.9	97.9,97.9
50	3.304	11.32	2.140	8.411	2.936	11.77	3.846	13.92	40- 50	13.61	761.5	99.7,99.7
60	0.4142	0.7503	0.3199	0.6417	0.4015	0.9301	0.4012	1.060	50- 60	1.669	763.2	99.9,99.9
70	0.1117	0.2427	0.0879	0.2418	0.0437	0.2997	0.0826	0.4091	60- 70	0.3159	763.5	100,100
80	0.0459	0.0350	0.0634	0.0350	0.0241	0.0306	0.0240	0.0372	70- 80	0.0725	763.6	100,100
90	0.0350	0.0350	0.0372	0.0350	0.0241	0.0219	0.0197	0.0219	80- 90	0.0335	763.6	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(°)	C0/180	C90/270
85	74	74
80	43	60
75	38	47
70	54	42
65	105	89
60	136	105
55	230	193
50	845	547
45	1749	1404

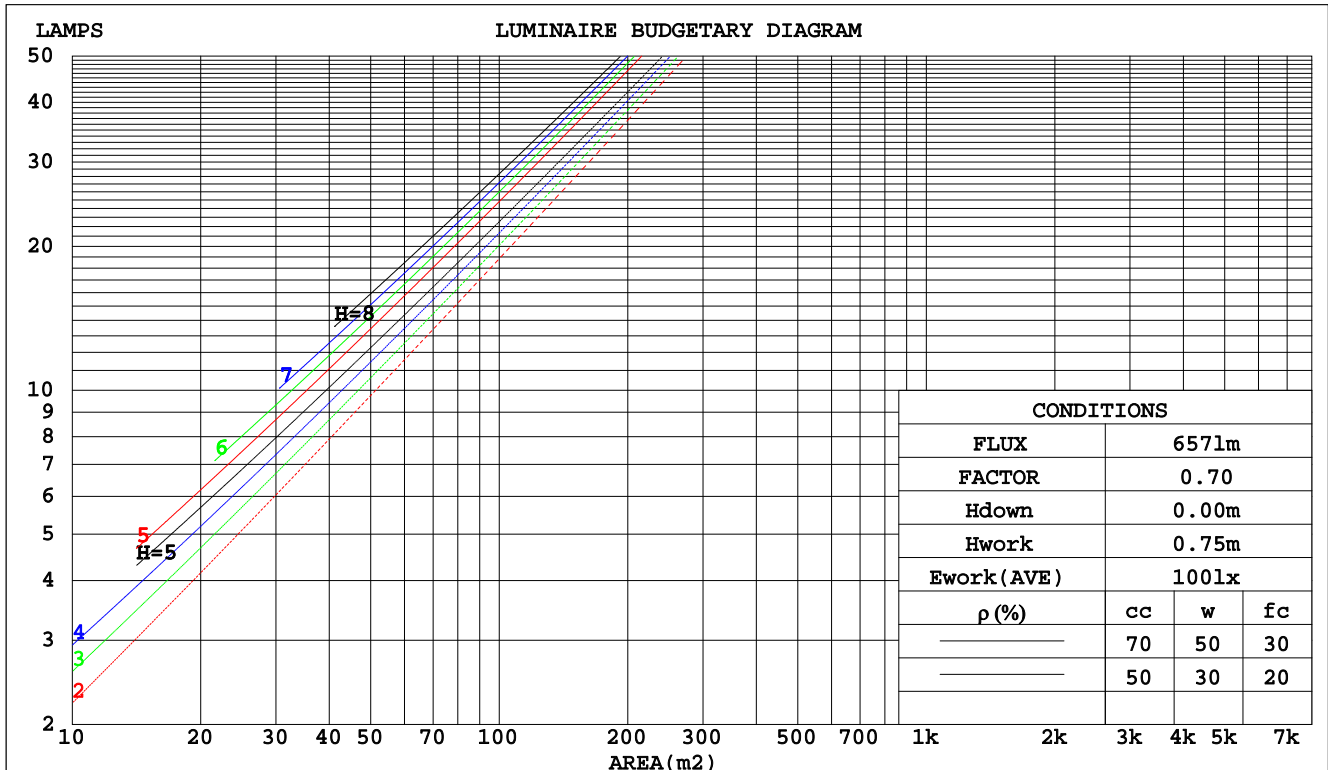
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-08-11

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.6V I:0.0477A P:9.121W PF:0.8655 Lamp Flux:763.632x1 lm		
NAME: S68S1-7.5W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L78mm*W78mm*H98mm	
MFR.: NEKO LIGHTING AG		

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	1.12	1.10	1.08	1.10	1.08	1.07	1.06	1.05	1.03	1.02	1.01	1.00	.99	.98	.97	.96
2.0	1.06	1.03	1.00	1.05	1.02	.99	1.01	.99	.97	.99	.97	.95	.96	.94	.93	.91
3.0	1.01	.97	.94	.90	.96	.93	.97	.94	.92	.95	.92	.90	.93	.91	.89	.87
4.0	.96	.92	.88	.95	.91	.88	.93	.90	.87	.91	.88	.86	.90	.87	.85	.84
5.0	.92	.87	.84	.91	.87	.84	.89	.86	.83	.88	.85	.82	.86	.84	.81	.80
6.0	.88	.83	.80	.87	.83	.80	.86	.82	.79	.85	.81	.79	.83	.81	.78	.77
7.0	.85	.80	.76	.84	.79	.76	.83	.79	.76	.82	.78	.76	.81	.78	.75	.74
8.0	.81	.77	.73	.81	.76	.73	.80	.76	.73	.79	.75	.73	.78	.75	.72	.71
9.0	.78	.74	.70	.78	.73	.70	.77	.73	.70	.76	.73	.70	.75	.72	.70	.69
10.0	.75	.71	.68	.75	.71	.68	.74	.70	.68	.74	.70	.67	.73	.70	.67	.66



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-08-11

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:220.6V I:0.0477A P:9.121W PF:0.8655 Lamp Flux:763.632x1 lm		
NAME: S68S1-7.5W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L78mm*W78mm*H98mm	
MFR.: NEKO LIGHTING AG		

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	.149	.085	.027	.142	.081	.026	.130	.074	.024	.118	.068	.022	.108	.062	.020		
2.0	.140	.077	.023	.134	.074	.023	.124	.069	.021	.114	.064	.020	.105	.060	.019		
3.0	.131	.070	.021	.127	.068	.020	.118	.064	.019	.110	.060	.019	.103	.057	.018		
4.0	.124	.065	.019	.120	.063	.019	.113	.060	.018	.106	.057	.017	.100	.054	.016		
5.0	.118	.060	.017	.114	.059	.017	.108	.056	.017	.102	.054	.016	.097	.052	.016		
6.0	.112	.056	.016	.109	.055	.016	.104	.053	.015	.098	.051	.015	.094	.049	.015		
7.0	.107	.053	.015	.104	.052	.015	.099	.050	.014	.095	.049	.014	.091	.047	.014		
8.0	.102	.050	.014	.100	.049	.014	.096	.048	.014	.092	.046	.013	.088	.045	.013		
9.0	.098	.047	.013	.096	.047	.013	.092	.045	.013	.088	.044	.013	.085	.043	.012		
10.0	.094	.045	.012	.092	.044	.012	.089	.043	.012	.085	.042	.012	.082	.041	.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	.127	.099	.093	.088	.057	.054	.051	.018	.017	.016		
2.0	.152	.133	.116	.130	.114	.101	.089	.079	.070	.051	.046	.041	.016	.015	.013		
3.0	.138	.113	.094	.118	.098	.081	.081	.068	.057	.047	.040	.034	.015	.013	.011		
4.0	.126	.098	.077	.108	.085	.067	.074	.059	.047	.043	.035	.028	.014	.011	.009		
5.0	.116	.086	.064	.100	.074	.056	.069	.052	.039	.040	.031	.023	.013	.010	.008		
6.0	.108	.076	.054	.093	.066	.047	.064	.046	.033	.037	.027	.020	.012	.009	.007		
7.0	.101	.068	.046	.087	.059	.040	.060	.042	.028	.035	.024	.017	.011	.008	.006		
8.0	.094	.062	.039	.081	.054	.034	.056	.038	.024	.033	.022	.015	.011	.007	.005		
9.0	.089	.056	.034	.077	.049	.030	.053	.034	.021	.031	.020	.013	.010	.007	.004		
10.0	.084	.052	.030	.073	.045	.026	.050	.032	.019	.029	.019	.011	.010	.006	.004		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-08-11

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:220.6V I:0.0477A P:9.121W PF:0.8655 Lamp Flux:763.632x1 lm										
NAME: S68S1-7.5W-940-N					TYPE:Downlight			SERIAL No.:		
SPEC.:4000K					DIM.: L78mm*W78mm*H98mm					
MFR.: NEKO LIGHTING AG										
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	11.3	12.0	11.5	12.1	12.3	10.2	10.9	10.4	11.1	11.3
3H	11.1	11.8	11.3	12.0	12.2	10.1	10.7	10.3	10.9	11.1
4H	11.0	11.7	11.3	11.9	12.1	10.0	10.6	10.2	10.8	11.0
6H	10.9	11.5	11.2	11.8	12.0	9.9	10.5	10.2	10.7	11.0
8H	10.9	11.5	11.2	11.7	12.0	9.8	10.4	10.1	10.7	10.9
12H	10.8	11.4	11.1	11.7	11.9	9.8	10.4	10.1	10.6	10.9
4H 2H	11.0	11.7	11.3	11.9	12.1	10.0	10.6	10.2	10.8	11.0
3H	10.8	11.4	11.2	11.7	11.9	9.8	10.4	10.1	10.6	10.9
4H	10.7	11.3	11.1	11.6	11.9	9.7	10.2	10.0	10.5	10.8
6H	10.6	11.1	11.0	11.4	11.8	9.6	10.1	10.0	10.4	10.7
8H	10.6	11.0	11.0	11.4	11.7	9.6	10.0	9.9	10.3	10.7
12H	10.5	10.9	10.9	11.3	11.7	9.5	9.9	9.9	10.3	10.6
8H 4H	10.6	11.0	11.0	11.4	11.7	9.6	10.0	9.9	10.3	10.7
6H	10.5	10.8	10.9	11.2	11.6	9.4	9.8	9.9	10.2	10.6
8H	10.4	10.7	10.9	11.2	11.6	9.4	9.7	9.8	10.1	10.5
12H	10.4	10.6	10.8	11.1	11.5	9.3	9.6	9.8	10.0	10.5
12H 4H	10.5	10.9	10.9	11.3	11.7	9.5	9.9	9.9	10.3	10.6
6H	10.4	10.7	10.9	11.2	11.6	9.4	9.7	9.8	10.1	10.5
8H	10.4	10.6	10.8	11.1	11.5	9.3	9.6	9.8	10.0	10.5
Variations with the observer position at spacings:										
S = 1.0H	+ 2.6 / -18.9					+ 2.8 / -17.7				
1.5H	+ 4.8 / -13.0					+ 4.4 / -13.5				
2.0H	+ 5.3 / -11.4					+ 5.2 / -10.8				

CIE Pub.117 Corrected 763.6 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.9)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-08-11

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:220.6V I:0.0477A P:9.121W PF:0.8655 Lamp Flux:763.632x1 lm		
NAME: S68S1-7.5W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L78mm*W78mm*H98mm	
MFR.: NEKO LIGHTING AG		

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	81	77
0.80	97	92	89	97	92	89	96	91	88	85
1.00	101	96	93	100	96	93	99	95	92	88
1.25	105	100	97	104	100	97	102	98	96	92
1.50	107	103	100	106	102	100	104	101	98	94
2.00	110	106	103	108	105	102	106	103	101	96
2.50	111	108	105	110	106	104	107	104	102	96
3.00	113	109	107	111	108	106	107	105	104	97
4.00	114	112	110	112	110	108	109	107	106	99
5.00	116	114	112	113	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:2017-08-11

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:220.6V I:0.0477A P:9.121W PF:0.8655 Lamp Flux:763.632x1 lm		
NAME: S68S1-7.5W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L78mm*W78mm*H98mm	
MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

757.8 lm

%lum = 99.2%

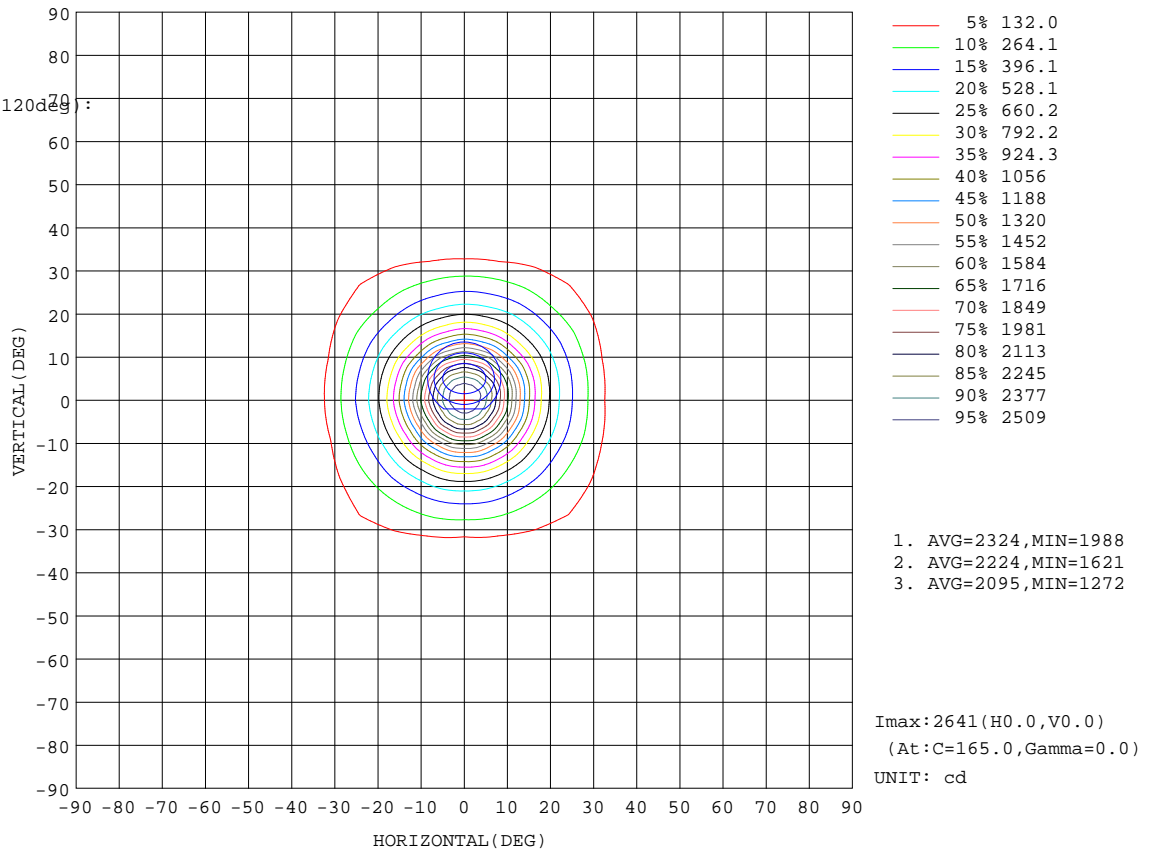
%lamp = 99.2%

Conical surface Flux(120deg):

763.21 lm

%lum = 99.9%

%lamp = 99.9%



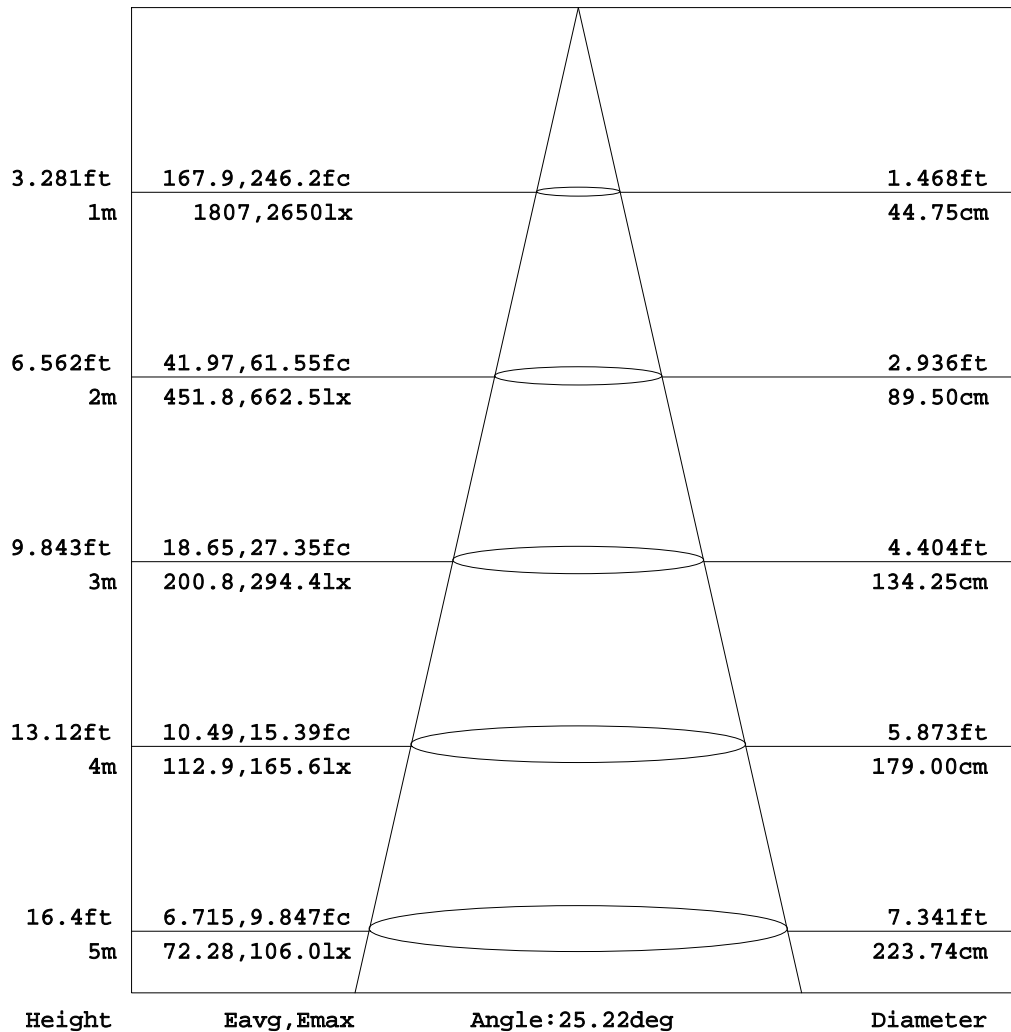
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-08-11

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:220.6V I:0.0477A P:9.121W PF:0.8655 Lamp Flux:763.632x1 lm		
NAME: S68S1-7.5W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L78mm*W78mm*H98mm	
MFR.: NEKO LIGHTING AG		

Flux out:302.6 lm



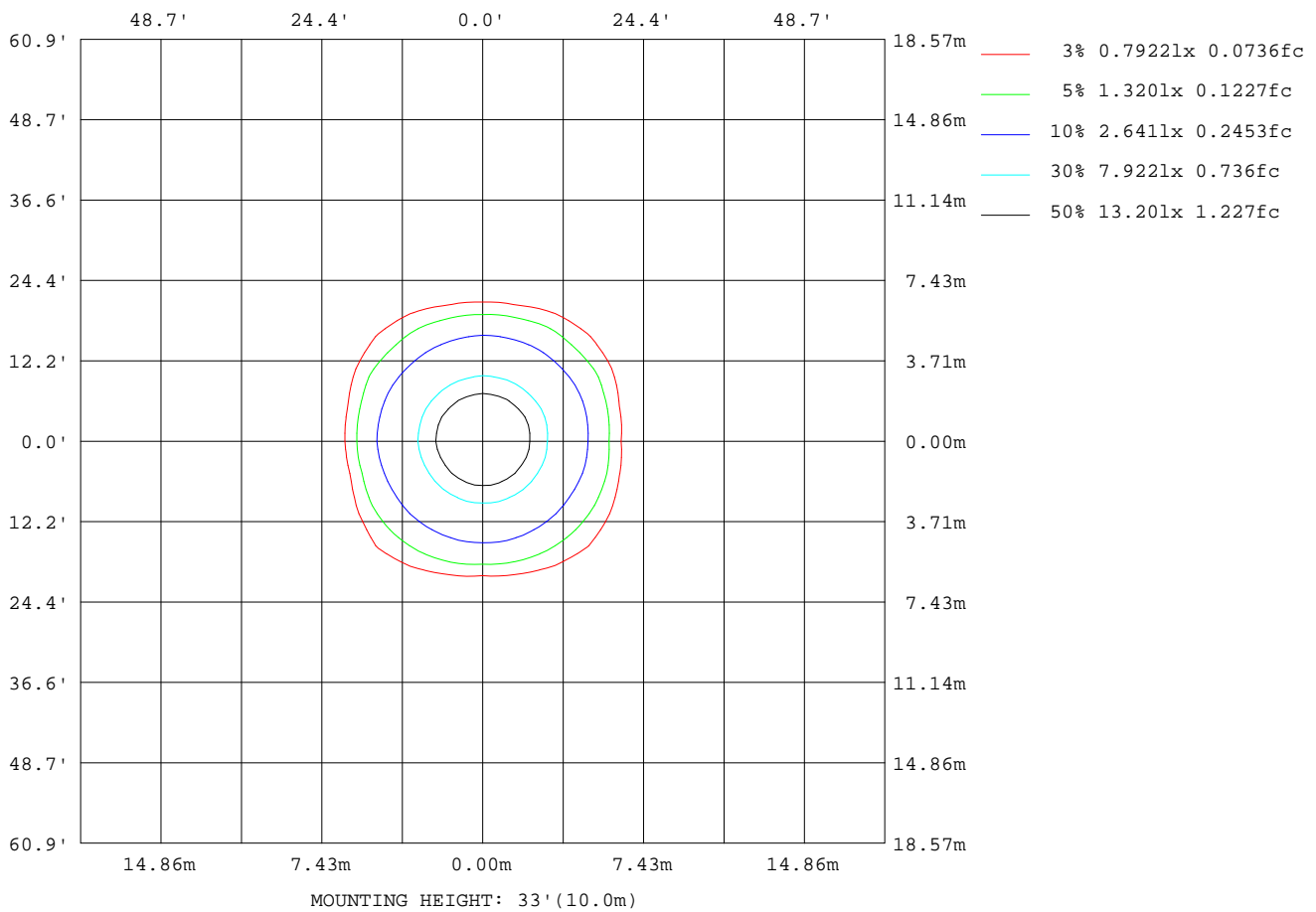
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-08-11

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

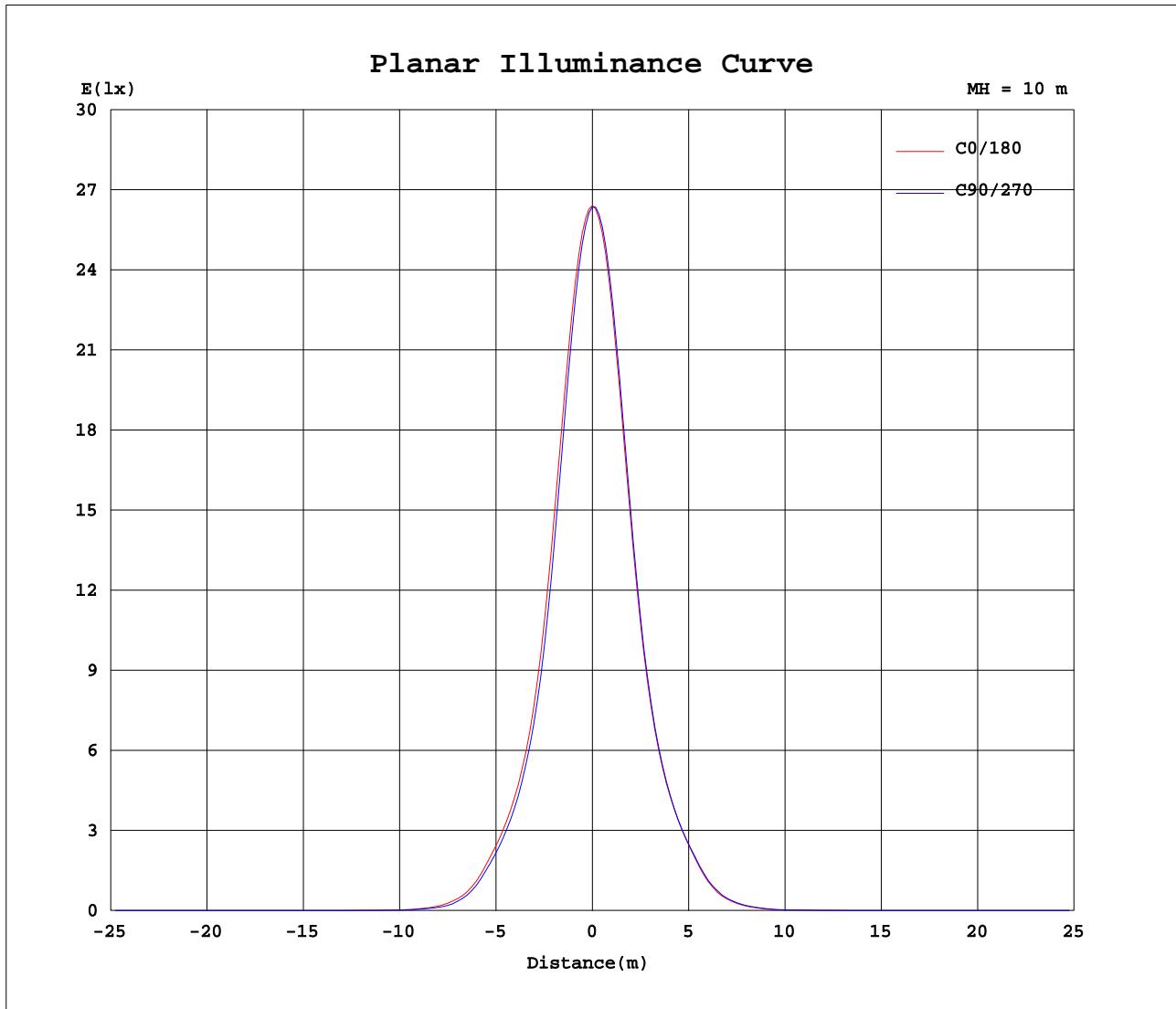
Test:U:220.6V I:0.0477A P:9.121W PF:0.8655 Lamp Flux:763.632x1 lm		
NAME: S68S1-7.5W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L78mm*W78mm*H98mm	
MFR.: NEKO LIGHTING AG		



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-08-11

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:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-08-11

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:

```

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:

```

```

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	2641	2640	2639	2639	2637	2637	2637	2638	2634	2637
3.0	2547	2544	2524	2525	2511	2516	2506	2512	2502	2514
6.0	2278	2270	2235	2235	2213	2219	2201	2212	2194	2212
9.0	1881	1874	1826	1825	1793	1801	1776	1792	1771	1796
12.0	1448	1445	1393	1392	1353	1359	1336	1348	1334	1355
15.0	1065	1060	1022	1021	994.3	994.6	972.6	983.5	977.4	994.6
18.0	779.2	773.7	753.2	752.5	732.0	728.2	716.9	724.6	718.0	733.6
21.0	581.5	575.4	560.3	554.7	542.0	537.4	530.1	538.5	534.5	547.1
24.0	439.6	434.2	418.4	414.1	405.2	403.1	396.9	400.1	400.1	410.3
27.0	324.6	322.2	307.9	305.5	297.1	295.8	287.6	295.2	297.6	302.1
30.0	212.7	227.0	225.4	220.6	213.8	200.6	185.6	204.3	215.9	220.1
33.0	120.5	137.3	161.3	163.4	149.0	114.3	98.68	116.8	151.8	166.5
36.0	67.06	75.87	102.8	122.7	90.50	58.95	46.97	61.23	95.64	124.5
39.0	33.81	40.87	63.69	85.38	50.89	29.18	24.04	29.30	55.03	80.04
42.0	16.75	20.46	36.93	50.31	28.03	16.43	12.78	15.98	28.01	43.61
45.0	7.522	8.794	18.34	28.68	15.79	7.308	6.040	6.745	14.35	25.22
48.0	4.729	5.256	7.593	17.61	6.654	4.397	3.493	3.898	5.574	14.66
51.0	2.682	3.066	4.344	8.361	3.927	2.238	1.667	1.896	3.168	5.587
54.0	0.9552	1.465	2.432	2.923	1.997	0.9554	0.7197	0.8249	1.497	2.076
57.0	0.7090	0.6490	1.001	1.543	0.7383	0.5745	0.5605	0.5504	0.5732	1.045
60.0	0.4142	0.4234	0.5099	0.7503	0.4553	0.3492	0.3199	0.3274	0.4028	0.6417
63.0	0.2909	0.2492	0.3199	0.7354	0.2761	0.2295	0.2625	0.2338	0.2454	0.6589
66.0	0.2516	0.2382	0.2520	0.3864	0.2328	0.2054	0.2101	0.2054	0.2274	0.3167
69.0	0.1272	0.1528	0.2335	0.2514	0.2141	0.1462	0.1292	0.1374	0.1654	0.2515
72.0	0.0678	0.0371	0.1539	0.2316	0.1213	0.0568	0.0788	0.0437	0.0690	0.2224
75.0	0.0591	0.0350	0.0525	0.0415	0.0613	0.0459	0.0743	0.0372	0.0547	0.0350
78.0	0.0503	0.0350	0.0525	0.0350	0.0569	0.0394	0.0678	0.0350	0.0525	0.0350
81.0	0.0438	0.0350	0.0437	0.0350	0.0525	0.0350	0.0526	0.0350	0.0525	0.0350
84.0	0.0394	0.0350	0.0394	0.0350	0.0438	0.0350	0.0438	0.0350	0.0415	0.0350
87.0	0.0372	0.0350	0.0394	0.0350	0.0372	0.0350	0.0394	0.0350	0.0350	0.0350
90.0	0.0350	0.0350	0.0394	0.0350	0.0372	0.0372	0.0372	0.0372	0.0350	0.0350

G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	2640	2650	2641	2639	2639	2637	2637	2637	2637	2638
3.0	2509	2531	2545	2544	2558	2556	2565	2560	2568	2563
6.0	2206	2239	2277	2275	2301	2292	2311	2298	2315	2304
9.0	1784	1822	1877	1876	1907	1893	1916	1896	1919	1904
12.0	1347	1389	1447	1441	1473	1452	1473	1453	1479	1468
15.0	989.0	1021	1068	1068	1084	1068	1080	1064	1089	1082
18.0	734.4	756.3	787.1	786.6	802.3	788.3	790.9	782.4	799.8	800.0
21.0	547.7	563.8	587.7	588.4	597.2	589.1	590.2	583.0	596.0	599.4
24.0	407.2	421.9	445.4	444.1	448.4	439.9	442.7	437.7	446.6	449.9
27.0	302.4	308.9	327.6	328.0	332.5	322.8	325.2	322.1	331.1	331.8
30.0	220.7	201.2	208.8	218.8	241.2	230.8	233.9	220.8	217.0	226.4
33.0	147.5	108.7	115.3	126.9	163.4	168.0	163.9	133.5	126.2	132.5
36.0	85.94	59.23	63.59	71.43	97.43	125.6	104.7	77.43	68.95	76.32
39.0	48.86	31.30	32.20	38.76	58.97	82.51	65.39	41.86	36.89	44.06
42.0	27.07	16.04	15.36	19.56	36.17	48.16	39.58	21.64	17.98	22.59
45.0	13.63	6.881	7.095	8.164	19.21	30.94	20.37	9.072	8.367	9.033
48.0	5.675	4.124	4.401	5.027	7.657	19.70	8.070	5.777	5.487	5.724
51.0	3.305	2.160	2.397	2.830	4.541	8.120	4.833	3.318	3.158	3.424
54.0	1.643	0.8819	0.8411	1.340	2.511	3.096	2.668	1.427	1.031	1.473
57.0	0.5978	0.6160	0.6725	0.6825	1.054	1.641	1.075	0.7263	0.7619	0.7329
60.0	0.4488	0.3777	0.4015	0.4445	0.5240	0.9301	0.5239	0.4402	0.4012	0.4447
63.0	0.2783	0.2776	0.2885	0.3062	0.3253	0.9603	0.3531	0.2778	0.2688	0.2756
66.0	0.2406	0.2162	0.2094	0.2517	0.2755	0.4536	0.2867	0.2668	0.2205	0.2646
69.0	0.2166	0.1109	0.0826	0.1250	0.2292	0.3152	0.2623	0.1774	0.1133	0.1949
72.0	0.0513	0.0372	0.0350	0.0481	0.0629	0.2735	0.1450	0.0394	0.0414	0.0527
75.0	0.0481	0.0372	0.0284	0.0394	0.0197	0.0398	0.0175	0.0350	0.0284	0.0415
78.0	0.0459	0.0372	0.0262	0.0328	0.0197	0.0306	0.0175	0.0328	0.0262	0.0372
81.0	0.0394	0.0372	0.0241	0.0284	0.0197	0.0263	0.0175	0.0284	0.0197	0.0350
84.0	0.0372	0.0372	0.0241	0.0263	0.0197	0.0241	0.0175	0.0241	0.0197	0.0285
87.0	0.0372	0.0372	0.0241	0.0262	0.0197	0.0241	0.0175	0.0262	0.0197	0.0241
90.0	0.0372	0.0372	0.0241	0.0219	0.0197	0.0219	0.0175	0.0219	0.0197	0.0197

G/C	300.0	315.0	330.0	345.0
0.0	2634	2637	2640	2650
3.0	2566	2563	2576	2577
6.0	2319	2312	2334	2325
9.0	1928	1921	1949	1934
12.0	1497	1486	1515	1498
15.0	1107	1101	1125	1112
18.0	814.6	813.4	831.2	818.0
21.0	612.4	615.8	622.4	610.1

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2017-08-11

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	465.7	467.2	471.9	456.9
27.0	342.5	343.0	351.1	341.1
30.0	244.9	242.6	252.8	234.0
33.0	168.2	172.3	174.8	136.9
36.0	101.7	125.5	107.3	79.76
39.0	62.95	87.33	66.24	45.72
42.0	40.29	52.28	42.45	22.76
45.0	22.16	33.50	22.51	9.165
48.0	8.436	22.43	8.756	5.687
51.0	4.926	9.808	5.214	3.424
54.0	2.888	3.436	3.100	1.601
57.0	1.158	1.930	1.254	0.7525
60.0	0.5394	1.060	0.5873	0.4535
63.0	0.3273	1.110	0.3447	0.2757
66.0	0.2777	0.6683	0.3144	0.2624
69.0	0.2996	0.4353	0.2841	0.1774
72.0	0.2259	0.3285	0.2110	0.0531
75.0	0.0262	0.0714	0.0306	0.0459
78.0	0.0218	0.0394	0.0218	0.0415
81.0	0.0197	0.0350	0.0197	0.0328
84.0	0.0197	0.0284	0.0197	0.0306
87.0	0.0197	0.0241	0.0197	0.0284
90.0	0.0197	0.0219	0.0197	0.0219

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-08-11

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: