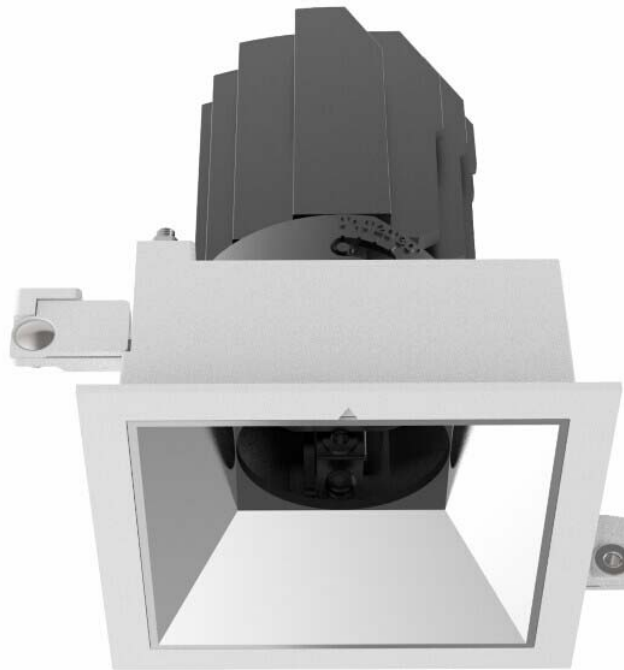


LED Downlight SENSE Series S68S1-11W-930-M



Light Output Ratio:	100.0%	
Luminaire Power:	12.88 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: 25.2DEG
Operators: Cao Chengpei
Test Date: 2016-11-30

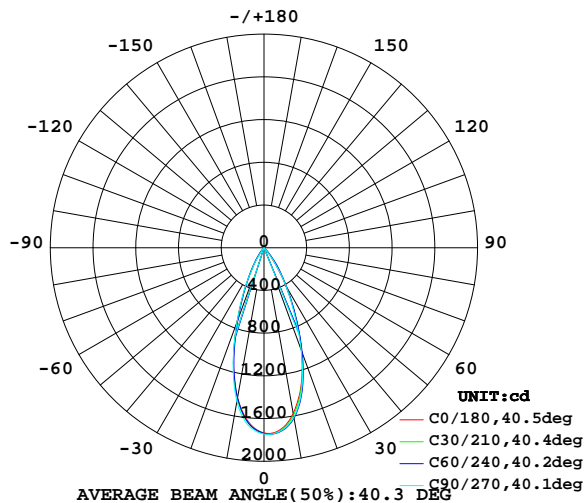
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

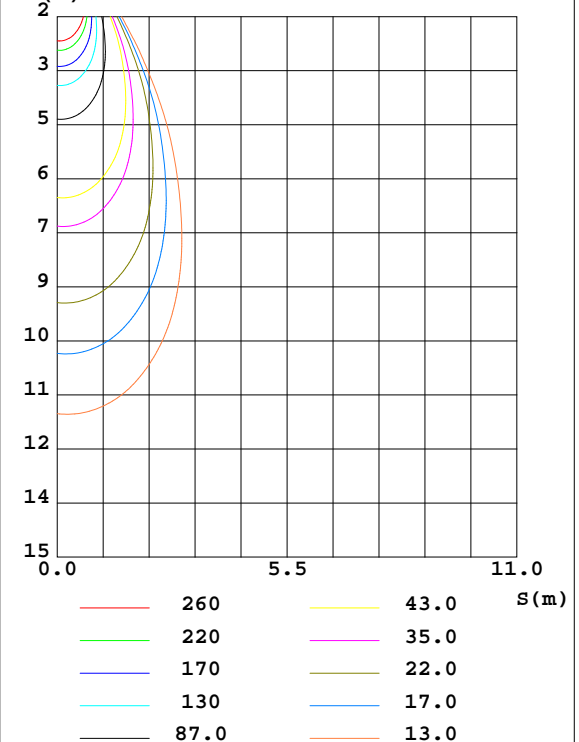
Test:U:220.6V I:0.0652A P:12.88W PF:0.8953 Lamp Flux:872.299x1 lm		
NAME: S68S1-11W-930-M	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L78mm*W78mm*H98mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 67.74 lm/W			
MODEL	CITIZEN-3000K	I _{max} (cd)	1753	S/MH(C0/180)	0.60
NOMINAL POWER(W)	13.0	LOR(%)	100.0	S/MH(C90/270)	0.59
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	872.30	η UP,DN(C0-180)	0.0,57.9
NOMINAL FLUX(lm)	872.299	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,42.1
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	0.65

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



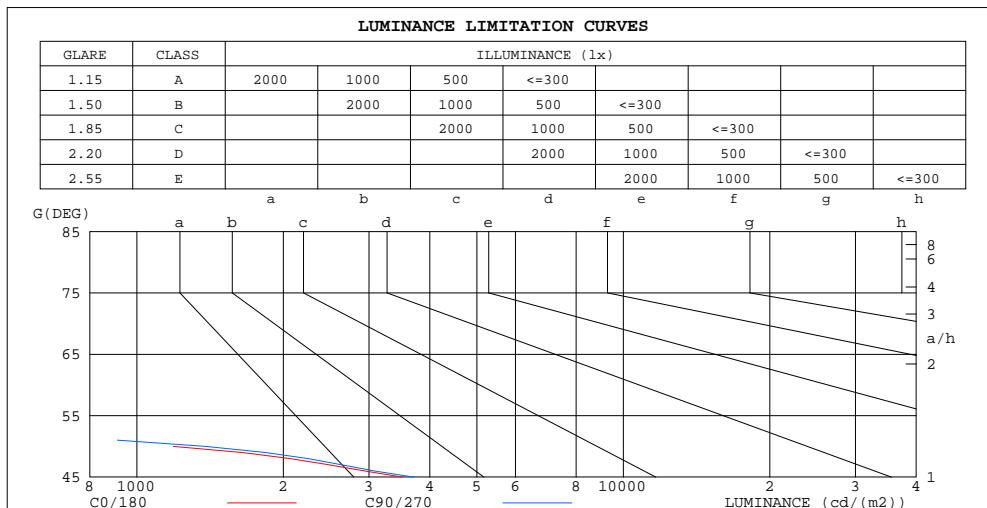
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:Cao Chengpei
 Test Date:2016-11-30

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	Φ lum, lamp
10	1576	1618	1612	1582	1429	1423	1461	1462	0- 10	155.9	155.9	17.9,17.9
20	1027	1051	1020	1006	742.6	716.6	738.0	759.2	10- 20	336.6	492.5	56.5,56.5
30	403.5	420.6	412.5	393.8	208.1	227.8	208.9	248.7	20- 30	256.5	749.0	85.9,85.9
40	55.80	132.4	64.46	128.9	18.12	62.91	18.79	66.78	30- 40	103.1	852.2	97.7,97.7
50	4.647	20.25	5.416	18.30	0.8561	4.167	0.9269	4.818	40- 50	18.29	870.4	99.8,99.8
60	0.3287	0.9152	0.3992	0.6870	0.1788	0.5263	0.1746	0.6304	50- 60	1.555	872.0	100,100
70	0.0790	0.2492	0.0813	0.2578	0.0149	0.0928	0.0170	0.2450	60- 70	0.2235	872.2	100,100
80	0.0298	0.0256	0.0298	0.0256	0.0149	0.0192	0.0170	0.0234	70- 80	0.0483	872.3	100,100
90	0.0341	0.0298	0.0256	0.0277	0.0149	0.0149	0.0170	0.0170	80- 90	0.0242	872.3	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	52	48
80	28	28
75	26	19
70	38	39
65	54	90
60	108	131
55	179	233
50	1188	1385
45	3514	3709

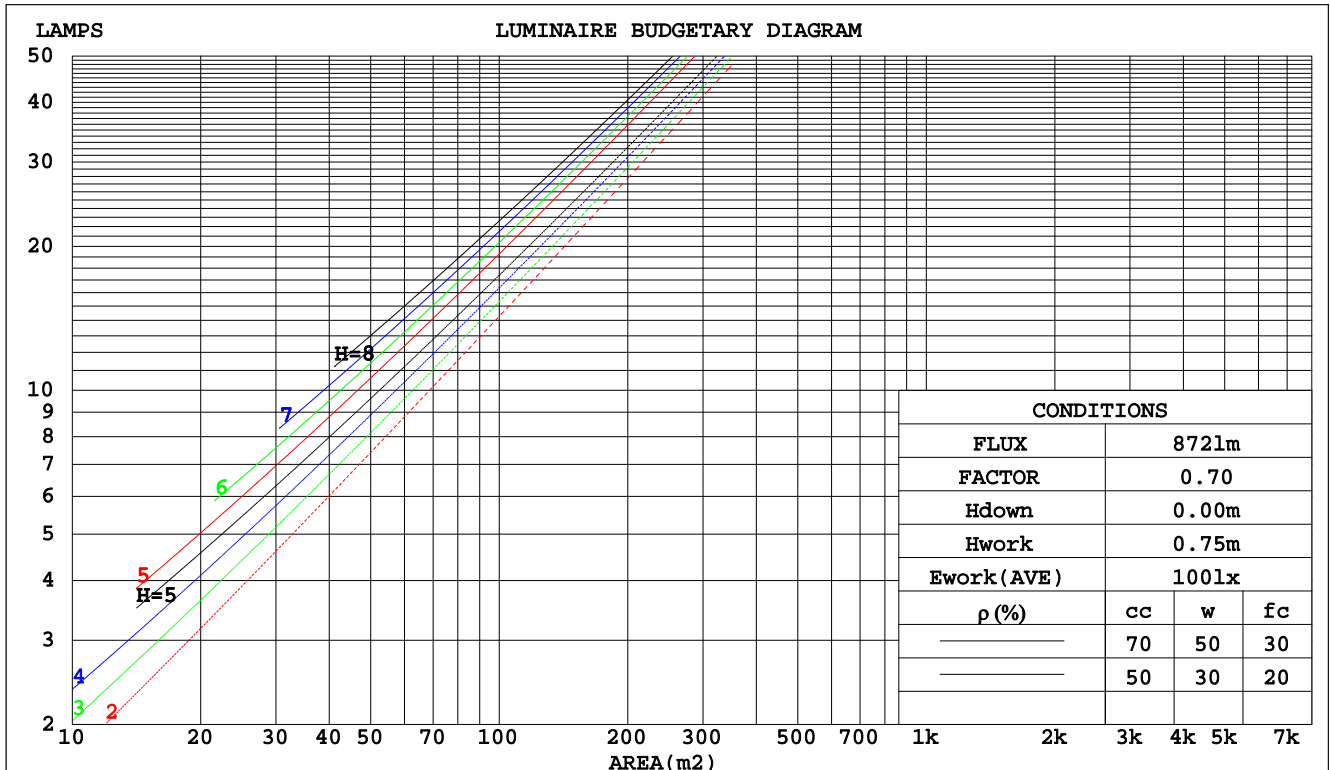
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.2DEG
Operators:Cao Chengpei
Test Date:2016-11-30

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:0.0652A P:12.88W PF:0.8953 Lamp Flux:872.299x1 lm		
NAME: S68S1-11W-930-M	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	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	.00
1.0	1.12	1.10	1.08	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	.00	.99	.98	.97	.95
2.0	1.05	1.02	.99	1.04	1.00	.98	1.00	.98	.96	.98	.95	.94	.95	.93	.92	.90
3.0	.99	.95	.92	.98	.94	.91	.96	.92	.90	.93	.90	.88	.91	.89	.87	.85
4.0	.94	.89	.86	.93	.89	.85	.91	.87	.84	.89	.86	.83	.87	.85	.82	.81
5.0	.89	.84	.81	.89	.84	.80	.87	.83	.80	.85	.82	.79	.84	.81	.78	.77
6.0	.85	.80	.76	.84	.79	.76	.83	.79	.75	.82	.78	.75	.80	.77	.75	.73
7.0	.81	.76	.72	.80	.76	.72	.79	.75	.72	.78	.74	.71	.77	.74	.71	.70
8.0	.77	.72	.69	.77	.72	.69	.76	.71	.68	.75	.71	.68	.74	.70	.68	.67
9.0	.74	.69	.65	.73	.69	.65	.73	.68	.65	.72	.68	.65	.71	.67	.65	.64
10.0	.71	.66	.63	.70	.66	.62	.70	.65	.62	.69	.65	.62	.68	.65	.62	.61



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.2DEG
Operators:Cao Chengpei
Test Date:2016-11-30

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:0.0652A P:12.88W PF:0.8953 Lamp Flux:872.299x1 lm		
NAME: S68S1-11W-930-M	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	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	.158	.090	.028	.151	.086	.027	.139	.080	.025	.127	.073	.024	.117	.068	.022		
2.0	.149	.082	.025	.144	.079	.024	.133	.074	.023	.124	.069	.022	.115	.065	.020		
3.0	.141	.075	.023	.137	.073	.022	.128	.069	.021	.120	.066	.020	.112	.062	.019		
4.0	.134	.070	.020	.130	.068	.020	.123	.065	.019	.116	.062	.019	.109	.059	.018		
5.0	.128	.065	.019	.124	.064	.019	.118	.061	.018	.112	.059	.018	.106	.057	.017		
6.0	.122	.061	.017	.119	.060	.017	.113	.058	.017	.108	.056	.016	.103	.054	.016		
7.0	.116	.058	.016	.114	.057	.016	.109	.055	.016	.104	.053	.016	.100	.052	.015		
8.0	.111	.054	.015	.109	.054	.015	.105	.052	.015	.101	.051	.015	.097	.050	.014		
9.0	.107	.052	.014	.105	.051	.014	.101	.050	.014	.097	.049	.014	.094	.048	.014		
10.0	.103	.049	.014	.101	.049	.014	.097	.048	.013	.094	.047	.013	.091	.046	.013		

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	.170	.157	.146	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.153	.133	.115	.131	.114	.100	.090	.079	.069	.052	.046	.041	.017	.015	.013	
3.0	.140	.113	.093	.120	.098	.080	.082	.068	.056	.047	.040	.033	.015	.013	.011	
4.0	.128	.098	.075	.110	.085	.066	.076	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.119	.086	.062	.102	.075	.054	.070	.052	.038	.041	.031	.023	.013	.010	.008	
6.0	.111	.077	.052	.095	.067	.046	.066	.047	.032	.038	.027	.019	.012	.009	.006	
7.0	.104	.069	.044	.090	.060	.039	.062	.042	.027	.036	.025	.016	.012	.008	.005	
8.0	.098	.063	.038	.085	.054	.033	.059	.038	.024	.034	.023	.014	.011	.007	.005	
9.0	.093	.057	.033	.080	.050	.029	.056	.035	.021	.032	.021	.012	.010	.007	.004	
10.0	.089	.053	.029	.076	.046	.025	.053	.032	.018	.031	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.2DEG
Operators:Cao Chengpei
Test Date:2016-11-30

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:0.0652A P:12.88W PF:0.8953 Lamp Flux:872.299x1 lm										
NAME: S68S1-11W-930-M					TYPE:Downlight			SERIAL No.:		
SPEC.:3000K					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	15.5	16.3	15.7	16.4	16.6	16.0	16.8	16.2	17.0	17.1
3H	15.3	16.0	15.5	16.2	16.4	15.8	16.6	16.1	16.8	17.0
4H	15.2	15.9	15.5	16.1	16.3	15.7	16.5	16.0	16.7	16.9
6H	15.1	15.8	15.4	16.0	16.3	15.7	16.3	15.9	16.6	16.8
8H	15.1	15.7	15.4	16.0	16.2	15.6	16.2	15.9	16.5	16.8
12H	15.0	15.6	15.3	15.9	16.2	15.6	16.2	15.9	16.4	16.7
4H 2H	15.2	15.9	15.5	16.1	16.3	15.7	16.5	16.0	16.7	16.9
3H	15.0	15.6	15.3	15.9	16.2	15.6	16.2	15.9	16.4	16.7
4H	14.9	15.5	15.3	15.8	16.1	15.5	16.0	15.8	16.3	16.6
6H	14.8	15.3	15.2	15.7	16.0	15.4	15.9	15.7	16.2	16.5
8H	14.8	15.2	15.2	15.6	16.0	15.3	15.8	15.7	16.1	16.5
12H	14.7	15.2	15.1	15.5	15.9	15.3	15.7	15.7	16.1	16.4
8H 4H	14.8	15.2	15.2	15.6	16.0	15.3	15.8	15.7	16.1	16.5
6H	14.7	15.1	15.1	15.4	15.9	15.2	15.6	15.6	16.0	16.4
8H	14.6	15.0	15.1	15.4	15.8	15.2	15.5	15.6	15.9	16.3
12H	14.6	14.8	15.0	15.3	15.8	15.1	15.4	15.6	15.8	16.3
12H 4H	14.7	15.2	15.1	15.5	15.9	15.3	15.7	15.7	16.1	16.4
6H	14.6	15.0	15.1	15.4	15.8	15.2	15.5	15.6	15.9	16.3
8H	14.6	14.8	15.0	15.3	15.8	15.1	15.4	15.6	15.8	16.3
Variations with the observer position at spacings:										
S = 1.0H	+ 2.7 / -25.8					+ 2.7 / -25.1				
1.5H	+ 5.0 / -18.1					+ 5.2 / -17.3				
2.0H	+ 6.1 / -16.4					+ 6.1 / -15.3				

CIE Pub.117 Corrected 872.3 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.5)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.2DEG
Operators:Cao Chengpei
Test Date:2016-11-30

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:0.0652A P:12.88W PF:0.8953 Lamp Flux:872.299x1 lm		
NAME: S68S1-11W-930-M	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	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	88	97	92	88	95	91	88	85
1.00	101	96	93	100	96	92	99	95	92	88
1.25	105	100	97	104	100	97	102	98	96	92
1.50	107	103	100	106	102	99	104	101	98	94
2.00	110	106	103	108	105	102	106	103	101	96
2.50	111	108	105	110	106	104	106	104	102	96
3.00	112	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:25.2DEG
 Operators:Cao Chengpei
 Test Date:2016-11-30

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 γ 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:0.0652A P:12.88W PF:0.8953 Lamp Flux:872.299x1 lm		
NAME: S68S1-11W-930-M	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L78mm*W78mm*H98mm	
MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

865.9 lm

%lum = 99.3%

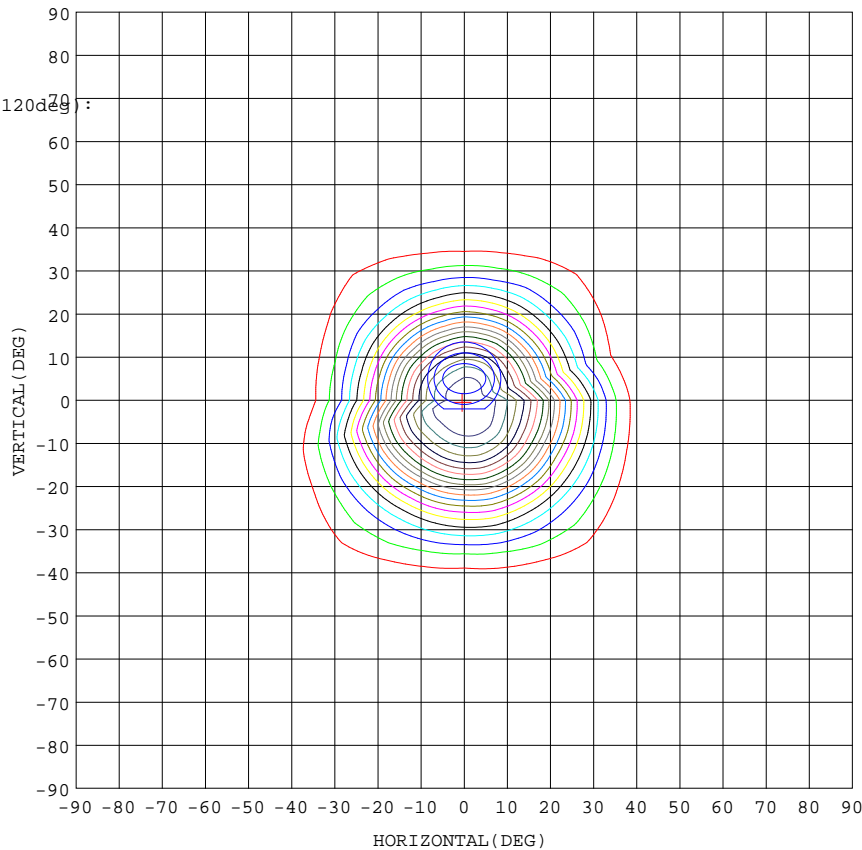
%lamp = 99.3%

Conical surface Flux(120deg):

872 lm

%lum = 100.0%

%lamp = 100.0%



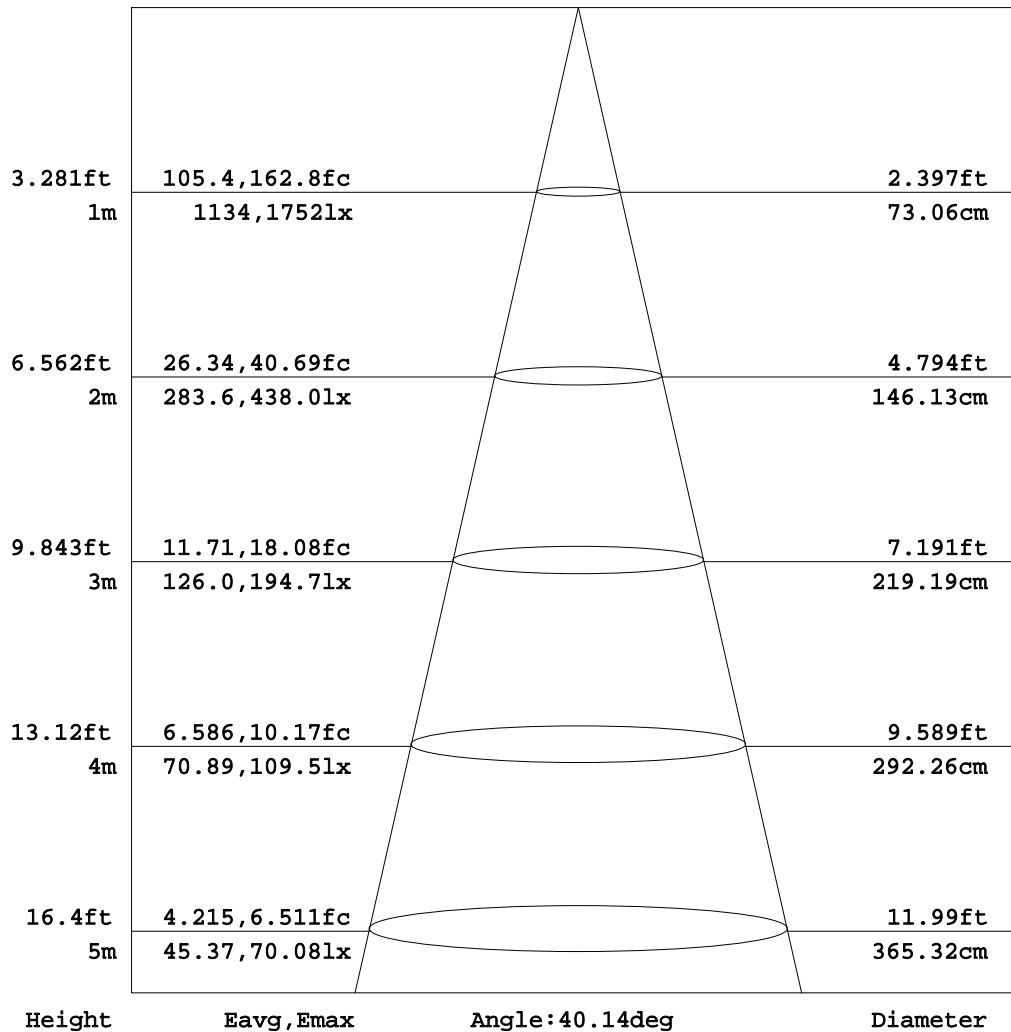
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.2DEG
Operators:Cao Chengpei
Test Date:2016-11-30

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:0.0652A P:12.88W PF:0.8953 Lamp Flux:872.299x1 lm		
NAME: S68S1-11W-930-M	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L78mm*W78mm*H98mm	
MFR.: NEKO LIGHTING AG		

Flux out:525.1 lm



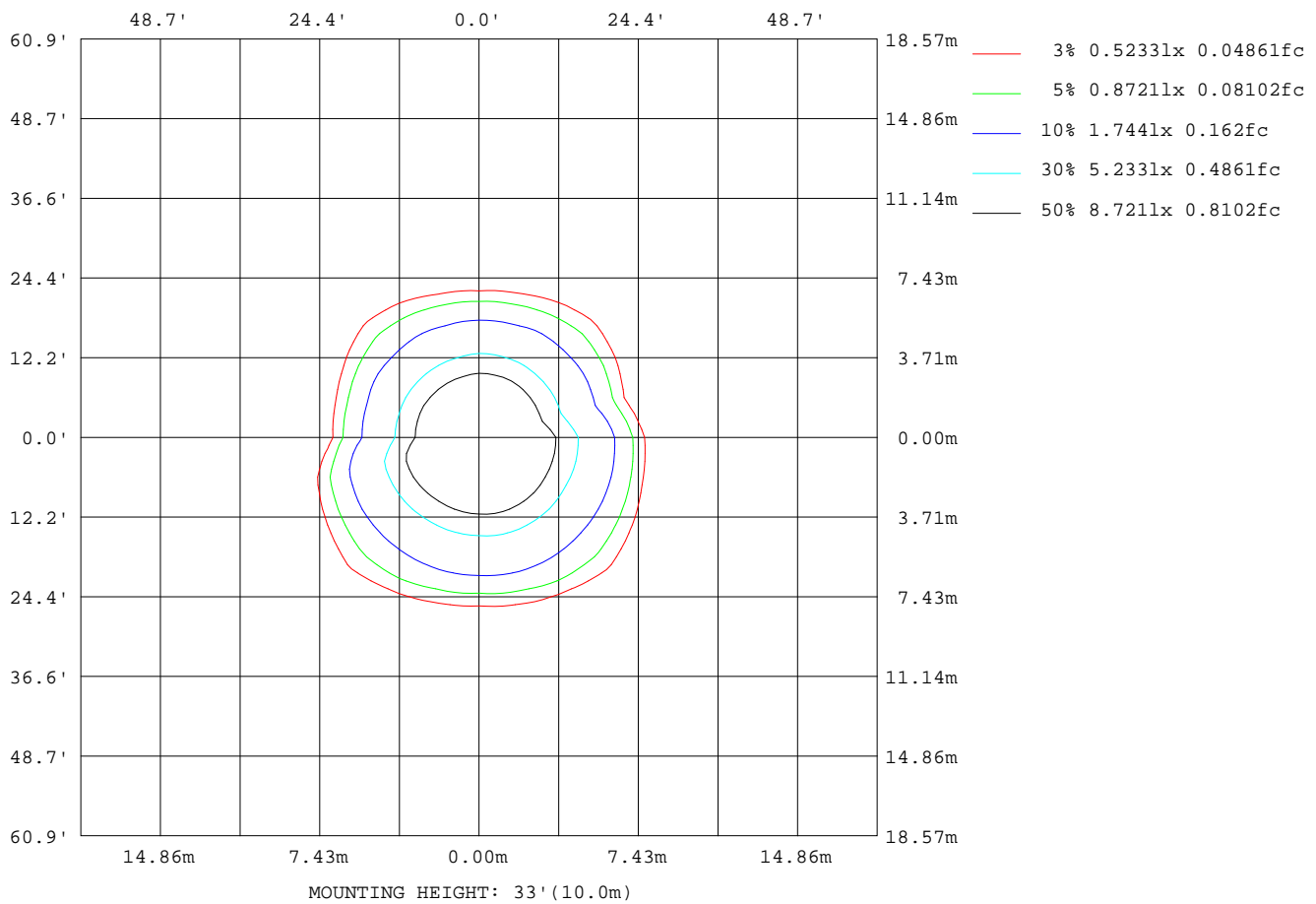
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.2DEG
Operators:Cao Chengpei
Test Date:2016-11-30

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

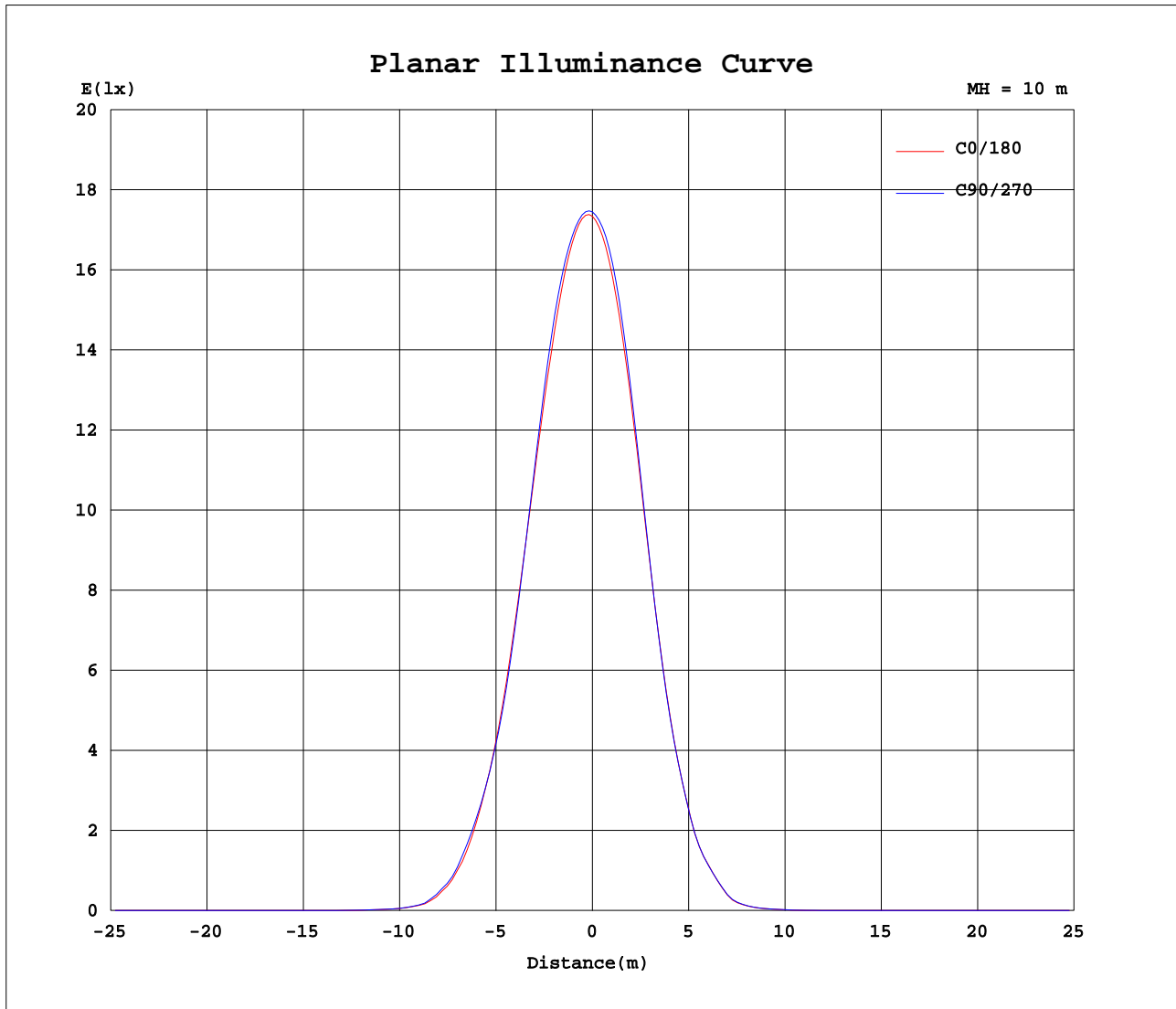
Test:U:220.6V I:0.0652A P:12.88W PF:0.8953 Lamp Flux:872.299x1 lm		
NAME: S68S1-11W-930-M	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L78mm*W78mm*H98mm	
MFR.: NEKO LIGHTING AG		



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.2DEG
Operators:Cao Chengpei
Test Date:2016-11-30

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: 25.2DEG
Operators: Cao Chengpei
Test Date: 2016-11-30

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	1734	1737	1740	1739	1738	1740	1745	1746	1748	1750
3.0	1735	1737	1742	1747	1745	1744	1745	1743	1743	1744
6.0	1694	1694	1704	1716	1717	1716	1711	1706	1701	1699
9.0	1613	1612	1628	1650	1652	1652	1644	1634	1623	1617
12.0	1491	1491	1508	1534	1540	1545	1531	1516	1502	1496
15.0	1341	1338	1350	1379	1385	1388	1367	1353	1337	1335
18.0	1159	1160	1167	1189	1190	1191	1167	1149	1137	1142
21.0	957.8	964.7	962.5	979.2	977.5	974.1	945.0	931.7	920.8	934.7
24.0	752.2	762.7	756.1	771.5	766.8	762.4	733.4	725.4	717.1	729.6
27.0	566.8	575.6	570.1	583.1	579.1	579.2	559.0	546.0	537.6	543.0
30.0	403.5	416.5	417.2	420.6	420.5	428.3	412.5	401.4	389.6	393.8
33.0	257.6	279.1	294.6	297.5	304.2	299.4	282.8	284.0	281.7	279.7
36.0	146.7	172.5	197.7	214.3	214.6	181.1	160.5	173.3	199.1	202.2
39.0	72.46	91.74	123.8	152.0	124.1	103.8	85.30	98.71	121.6	146.1
42.0	31.60	37.28	70.60	95.55	73.18	42.53	34.20	39.83	72.52	96.65
45.0	15.12	18.73	31.00	51.91	34.54	20.19	15.96	18.55	32.30	50.09
48.0	8.408	9.558	14.22	32.00	15.46	10.44	9.144	9.674	13.96	31.93
51.0	2.920	4.386	7.078	14.68	7.737	5.301	3.490	4.839	7.205	13.21
54.0	0.9561	1.256	3.182	5.365	3.813	1.575	1.244	1.543	3.467	4.840
57.0	0.4647	0.4236	0.9931	2.397	1.209	0.6005	0.5885	0.5451	1.260	2.103
60.0	0.3287	0.3147	0.3583	0.9152	0.4716	0.4785	0.3992	0.4190	0.4862	0.6870
63.0	0.1560	0.1867	0.2732	0.7257	0.3585	0.2341	0.2411	0.2299	0.3393	0.6670
66.0	0.1343	0.1539	0.2152	0.4528	0.2622	0.2066	0.2048	0.2044	0.2643	0.5529
69.0	0.1003	0.1298	0.2322	0.2514	0.2769	0.1511	0.1153	0.1318	0.3004	0.2916
72.0	0.0430	0.0298	0.1921	0.2469	0.1988	0.0277	0.0341	0.0256	0.1905	0.2919
75.0	0.0404	0.0256	0.0299	0.1017	0.0320	0.0256	0.0298	0.0256	0.0277	0.1123
78.0	0.0320	0.0256	0.0277	0.0256	0.0320	0.0256	0.0298	0.0256	0.0277	0.0234
81.0	0.0277	0.0277	0.0256	0.0256	0.0298	0.0256	0.0277	0.0256	0.0256	0.0256
84.0	0.0277	0.0277	0.0256	0.0256	0.0298	0.0256	0.0256	0.0256	0.0256	0.0256
87.0	0.0298	0.0362	0.0256	0.0277	0.0256	0.0277	0.0256	0.0298	0.0234	0.0277
90.0	0.0341	0.0383	0.0362	0.0298	0.0256	0.0277	0.0256	0.0277	0.0234	0.0277
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	1745	1743	1734	1737	1740	1739	1738	1740	1745	1746
3.0	1745	1743	1692	1699	1701	1698	1699	1703	1713	1717
6.0	1705	1702	1608	1618	1621	1614	1617	1624	1643	1647
9.0	1628	1622	1480	1488	1491	1477	1482	1489	1516	1521
12.0	1509	1500	1310	1313	1313	1301	1304	1306	1338	1341
15.0	1350	1342	1107	1104	1107	1086	1090	1088	1119	1121
18.0	1162	1152	886.2	876.8	880.6	859.9	858.0	855.6	886.5	888.4
21.0	951.2	943.5	672.9	660.1	661.0	649.5	645.2	642.7	667.7	670.3
24.0	737.5	736.1	487.1	472.9	477.7	467.3	464.4	464.1	486.5	488.1
27.0	548.6	542.2	329.7	326.0	336.9	326.4	326.7	319.5	327.8	336.4
30.0	393.0	383.2	208.1	207.6	232.0	227.8	228.8	205.4	208.9	212.2
33.0	276.0	246.2	126.9	130.4	151.0	166.3	153.6	134.3	127.7	137.6
36.0	181.9	154.5	50.28	60.62	93.21	116.9	98.26	64.00	53.01	66.00
39.0	117.2	85.51	23.79	26.84	52.88	75.77	53.47	27.50	24.79	28.67
42.0	67.54	34.26	11.85	12.41	23.00	42.50	22.56	12.62	12.20	13.24
45.0	28.58	16.43	5.858	6.759	10.11	22.48	9.782	6.929	6.252	7.341
48.0	12.93	8.773	1.714	2.298	5.304	8.193	5.179	2.266	1.767	2.352
51.0	6.606	3.466	0.6619	0.7788	1.862	3.224	1.846	0.7917	0.6000	0.8086
54.0	2.641	1.046	0.5081	0.5372	0.5761	1.104	0.6372	0.4902	0.4723	0.4774
57.0	0.8451	0.5897	0.2381	0.2797	0.3699	0.4078	0.3658	0.2882	0.2571	0.3009
60.0	0.4733	0.3656	0.1788	0.1981	0.1894	0.5263	0.1979	0.1768	0.1746	0.1812
63.0	0.2691	0.1853	0.1274	0.1620	0.1897	0.2604	0.1982	0.1662	0.1426	0.1726
66.0	0.2237	0.1639	0.0318	0.1046	0.2087	0.2217	0.2108	0.0984	0.0467	0.1026
69.0	0.2725	0.1041	0.0149	0.0256	0.1013	0.1250	0.1097	0.0298	0.0170	0.0341
72.0	0.1842	0.0234	0.0149	0.0213	0.0149	0.0283	0.0149	0.0277	0.0170	0.0299
75.0	0.0256	0.0234	0.0149	0.0234	0.0149	0.0213	0.0149	0.0234	0.0170	0.0277
78.0	0.0235	0.0235	0.0149	0.0171	0.0149	0.0192	0.0149	0.0213	0.0170	0.0256
81.0	0.0234	0.0256	0.0149	0.0170	0.0149	0.0171	0.0149	0.0192	0.0170	0.0213
84.0	0.0234	0.0256	0.0149	0.0170	0.0149	0.0170	0.0149	0.0213	0.0170	0.0192
87.0	0.0234	0.0277	0.0149	0.0170	0.0149	0.0170	0.0149	0.0170	0.0170	0.0170
90.0	0.0256	0.0320	0.0149	0.0149	0.0149	0.0149	0.0149	0.0170	0.0170	0.0170
G/C	300.0	315.0	330.0	345.0						
0.0	1748	1750	1745	1743						
3.0	1718	1718	1705	1699						
6.0	1649	1642	1620	1612						
9.0	1525	1514	1492	1484						
12.0	1355	1341	1322	1318						
15.0	1142	1133	1125	1120						
18.0	908.3	905.0	909.1	905.0						
21.0	685.9	690.7	699.7	698.8						

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.2DEG
 Operators: Cao Chengpei
 Test Date: 2016-11-30

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	501.1	503.6	513.7	513.0
27.0	355.9	355.6	366.3	362.1
30.0	246.5	248.7	256.2	233.2
33.0	159.6	178.9	168.9	144.8
36.0	99.97	124.2	107.0	71.44
39.0	56.61	78.55	59.96	29.94
42.0	24.55	44.97	25.60	13.72
45.0	10.88	26.14	11.19	7.681
48.0	5.838	9.819	5.969	2.789
51.0	2.053	3.692	2.361	0.9259
54.0	0.6326	1.461	0.7406	0.4221
57.0	0.3467	0.6017	0.3171	0.2838
60.0	0.2129	0.6304	0.2020	0.1323
63.0	0.2260	0.3929	0.1835	0.1363
66.0	0.2449	0.2559	0.2428	0.1427
69.0	0.1329	0.2450	0.1542	0.0321
72.0	0.0170	0.0353	0.0170	0.0256
75.0	0.0170	0.0256	0.0170	0.0235
78.0	0.0170	0.0256	0.0170	0.0213
81.0	0.0170	0.0192	0.0170	0.0192
84.0	0.0170	0.0192	0.0170	0.0192
87.0	0.0170	0.0170	0.0170	0.0192
90.0	0.0170	0.0170	0.0170	0.0192

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.2DEG
Operators: Cao Chengpei
Test Date: 2016-11-30

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: