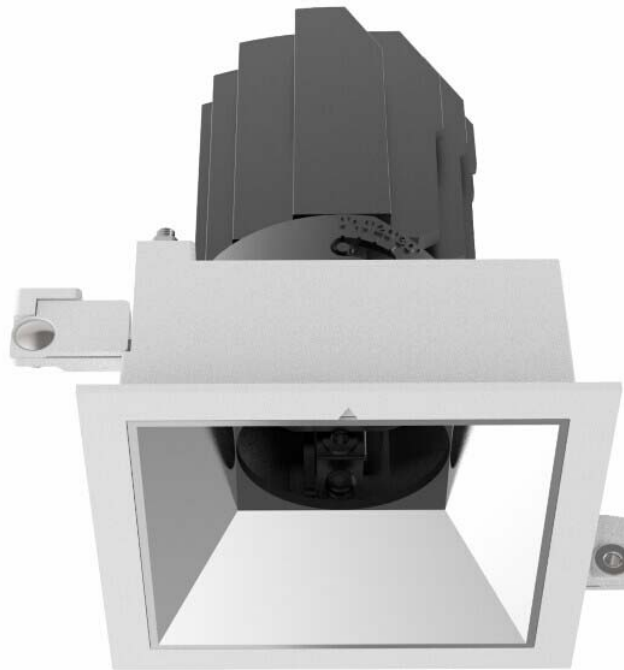


LED Downlight SENSE Series S68S1-11W-930-N



Light Output Ratio:	100.0%	
Luminaire Power:	12.89 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: 25.2DEG
Operators: Cao Chengpei
Test Date: 2016-11-30

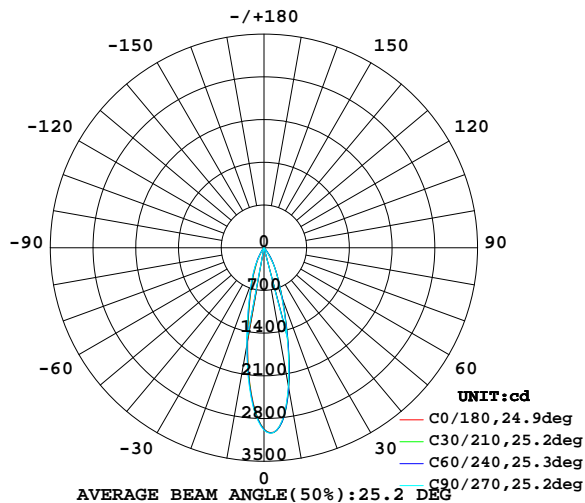
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

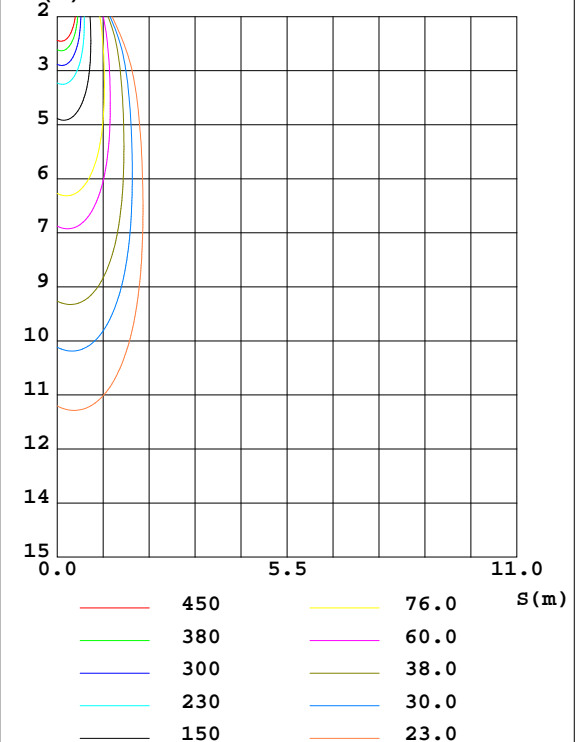
Test:U:220.6V I:0.0653A P:12.89W PF:0.8951 Lamp Flux:850.05x1 lm		
NAME: S68S1-11W-930-N	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L78mm*W78mm*H98mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 65.95 lm/W			
MODEL	CITIZEN-3000K	I _{max} (cd)	3041	S/MH(C0/180)	0.35
NOMINAL POWER(W)	13.0	LOR(%)	100.0	S/MH(C90/270)	0.37
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	850.05	η UP,DN(C0-180)	0.0,59.7
NOMINAL FLUX(lm)	850.05	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,40.3
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)



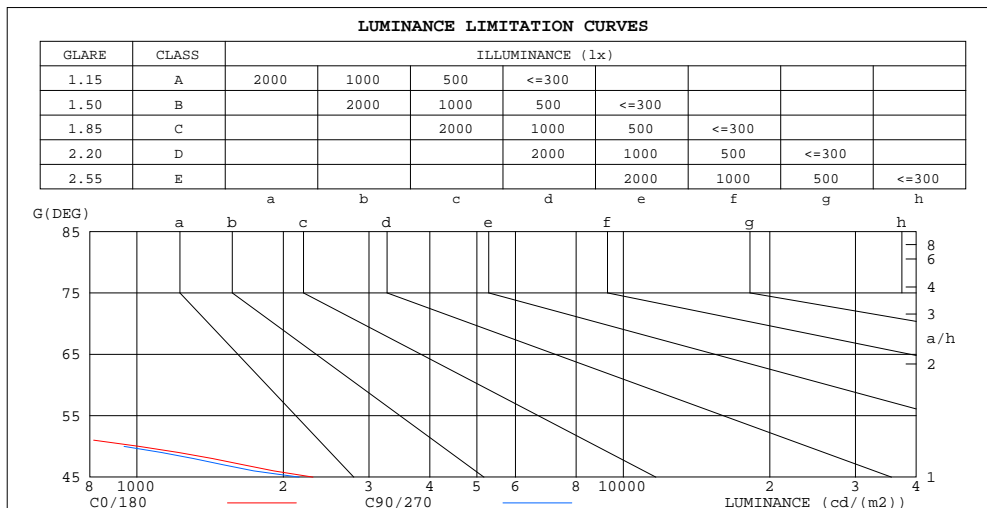
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.2DEG
Operators:Cao Chengpei
Test Date:2016-11-30

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	$\%lum, lamp$
10	2315	2362	2297	2218	1553	1572	1627	1601	0- 10	231.3	231.3	27.2,27.2
20	864.9	889.2	847.8	821.5	537.3	565.3	602.1	574.6	10- 20	332.8	564.0	66.3,66.3
30	305.0	322.4	300.9	289.9	128.3	185.7	150.9	205.4	20- 30	198.7	762.8	89.7,89.7
40	33.10	97.92	32.02	97.87	11.33	45.87	11.81	41.24	30- 40	72.44	835.2	98.3,98.3
50	3.957	16.29	3.680	17.77	1.080	3.639	1.713	4.128	40- 50	12.96	848.2	99.8,99.8
60	0.3289	1.370	0.4462	0.9355	0.2086	0.9029	0.2023	1.056	50- 60	1.565	849.7	100,100
70	0.0854	0.2705	0.0877	0.3190	0.0107	0.2258	0.0128	0.2491	60- 70	0.2649	850.0	100,100
80	0.0320	0.0234	0.0277	0.0234	0.0107	0.0171	0.0128	0.0192	70- 80	0.0476	850.0	100,100
90	0.0320	0.0320	0.0256	0.0234	0.0107	0.0149	0.0128	0.0107	80- 90	0.0220	850.1	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	56	48
80	30	26
75	27	20
70	41	42
65	56	98
60	108	147
55	256	273
50	1012	941
45	2301	2154

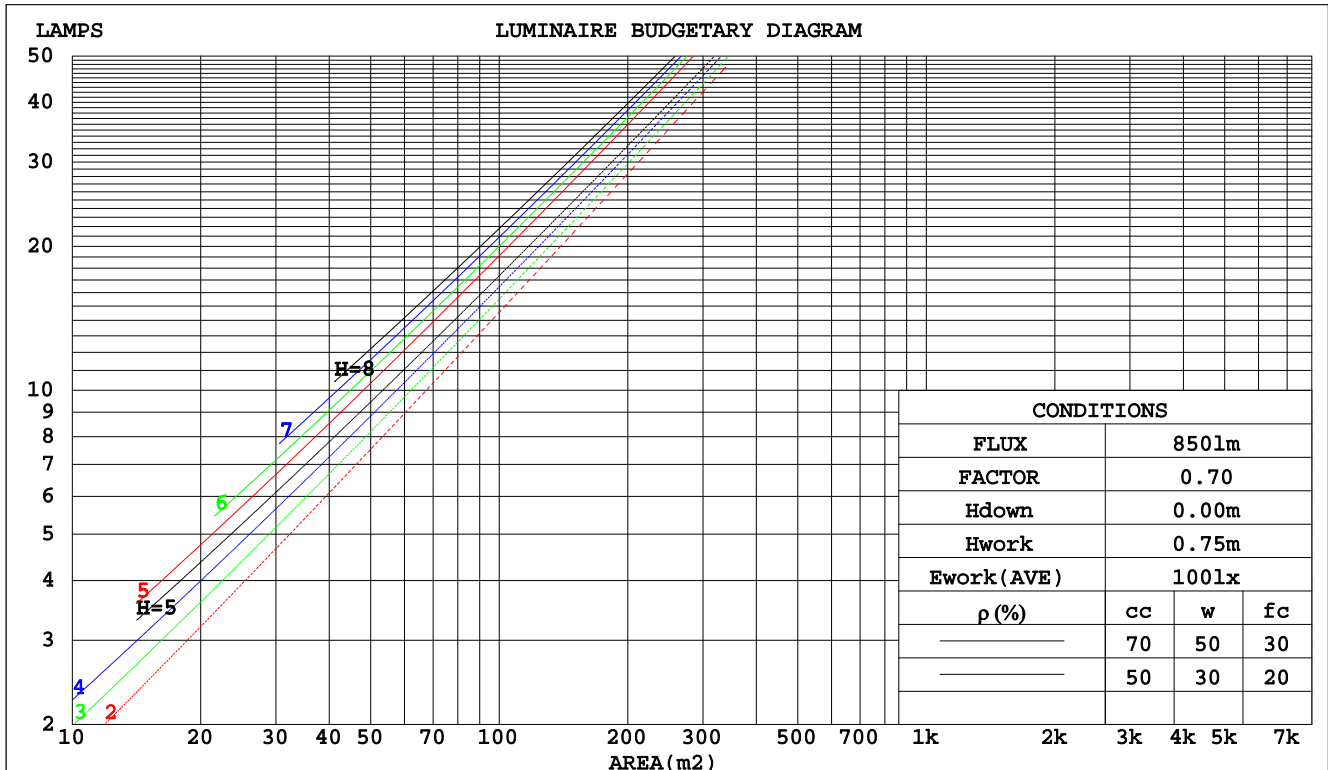
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.2DEG
Operators:Cao Chengpei
Test Date:2016-11-30

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:0.0653A P:12.89W PF:0.8951 Lamp Flux:850.05x1 lm		
NAME: S68S1-11W-930-N	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	1.07	1.06	1.05	1.03	1.03	1.01	1.00	.99	.98	.98	.96
2.0	1.06	1.03	1.00	1.05	1.02	.99	1.02	.99	.97	.99	.97	.95	.96	.95	.93	.92
3.0	1.01	.97	.94	.90	.96	.93	.97	.94	.92	.95	.93	.90	.93	.91	.89	.88
4.0	.96	.92	.89	.95	.91	.88	.93	.90	.87	.92	.89	.86	.90	.87	.85	.84
5.0	.92	.88	.84	.91	.87	.84	.90	.86	.83	.88	.85	.83	.87	.84	.82	.81
6.0	.88	.84	.80	.88	.83	.80	.86	.82	.80	.85	.82	.79	.84	.81	.79	.77
7.0	.85	.80	.77	.84	.80	.77	.83	.79	.76	.82	.79	.76	.81	.78	.76	.74
8.0	.82	.77	.74	.81	.77	.74	.80	.76	.73	.79	.76	.73	.78	.75	.73	.72
9.0	.79	.74	.71	.78	.74	.71	.77	.73	.71	.77	.73	.70	.76	.73	.70	.69
10.0	.76	.71	.68	.76	.71	.68	.75	.71	.68	.74	.71	.68	.74	.70	.68	.67



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:0.0653A P:12.89W PF:0.8951 Lamp Flux:850.05x1 lm		
NAME: S68S1-11W-930-N	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	.148	.084	.027	.141	.080	.026	.129	.074	.024	.117	.068	.022	.107	.062	.020		
2.0	.138	.076	.023	.133	.073	.023	.123	.068	.021	.113	.063	.020	.104	.059	.019		
3.0	.130	.069	.021	.126	.067	.020	.117	.063	.019	.109	.060	.018	.102	.056	.017		
4.0	.123	.064	.019	.119	.062	.018	.112	.059	.018	.105	.056	.017	.099	.054	.016		
5.0	.117	.059	.017	.113	.058	.017	.107	.056	.016	.101	.053	.016	.095	.051	.015		
6.0	.111	.056	.016	.108	.055	.016	.102	.052	.015	.097	.051	.015	.093	.049	.014		
7.0	.106	.052	.015	.103	.051	.015	.098	.050	.014	.094	.048	.014	.090	.047	.014		
8.0	.101	.049	.014	.099	.049	.014	.095	.047	.013	.091	.046	.013	.087	.045	.013		
9.0	.097	.047	.013	.095	.046	.013	.091	.045	.013	.088	.044	.013	.084	.043	.012		
10.0	.093	.045	.012	.091	.044	.012	.088	.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	.117	.130	.114	.101	.089	.079	.070	.051	.046	.041	.016	.015	.013	
3.0	.138	.113	.094	.118	.098	.082	.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	.099	.074	.056	.069	.052	.039	.040	.031	.023	.013	.010	.008	
6.0	.107	.076	.054	.092	.066	.047	.064	.046	.033	.037	.027	.020	.012	.009	.007	
7.0	.100	.068	.046	.086	.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	.076	.049	.030	.053	.034	.021	.031	.020	.013	.010	.007	.004	
10.0	.084	.052	.030	.072	.045	.026	.050	.032	.019	.029	.019	.011	.009	.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:0.0653A P:12.89W PF:0.8951 Lamp Flux:850.05x1 lm										
NAME: S68S1-11W-930-N					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	13.3	14.1	13.6	14.2	14.4	13.5	14.2	13.7	14.4	14.5
3H	13.2	13.9	13.4	14.1	14.2	13.3	14.0	13.6	14.2	14.4
4H	13.1	13.8	13.4	14.0	14.2	13.2	13.9	13.5	14.1	14.3
6H	13.0	13.6	13.3	13.9	14.1	13.1	13.8	13.4	14.0	14.2
8H	13.0	13.6	13.3	13.8	14.1	13.1	13.7	13.4	13.9	14.2
12H	12.9	13.5	13.2	13.8	14.0	13.1	13.6	13.4	13.9	14.2
4H 2H	13.1	13.8	13.4	14.0	14.2	13.2	13.9	13.5	14.1	14.3
3H	12.9	13.5	13.2	13.8	14.0	13.1	13.6	13.4	13.9	14.2
4H	12.8	13.4	13.2	13.6	13.9	13.0	13.5	13.3	13.8	14.1
6H	12.7	13.2	13.1	13.5	13.9	12.9	13.3	13.2	13.6	14.0
8H	12.7	13.1	13.1	13.5	13.8	12.8	13.2	13.2	13.6	13.9
12H	12.6	13.0	13.0	13.4	13.8	12.8	13.1	13.2	13.5	13.9
8H 4H	12.7	13.1	13.1	13.5	13.8	12.8	13.2	13.2	13.6	13.9
6H	12.6	12.9	13.0	13.3	13.7	12.7	13.1	13.1	13.4	13.9
8H	12.5	12.8	13.0	13.2	13.7	12.6	13.0	13.1	13.4	13.8
12H	12.5	12.7	12.9	13.2	13.6	12.6	12.8	13.0	13.3	13.8
12H 4H	12.6	13.0	13.0	13.4	13.8	12.8	13.1	13.2	13.5	13.9
6H	12.5	12.8	13.0	13.2	13.7	12.6	13.0	13.1	13.4	13.8
8H	12.5	12.7	12.9	13.2	13.6	12.6	12.8	13.0	13.3	13.8
Variations with the observer position at spacings:										
S = 1.0H	+ 2.7 / -21.3					+ 2.7 / -19.7				
1.5H	+ 4.8 / -12.8					+ 4.8 / -12.9				
2.0H	+ 5.3 / -14.9					+ 5.1 / -12.3				

CIE Pub.117 Corrected 850.1 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.6)

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:0.0653A P:12.89W PF:0.8951 Lamp Flux:850.05x1 lm		
NAME: S68S1-11W-930-N	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	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	106	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		

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:0.0653A P:12.89W PF:0.8951 Lamp Flux:850.05x1 lm		
NAME: S68S1-11W-930-N	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L78mm*W78mm*H98mm	
MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

844.62 lm

%lum = 99.4%

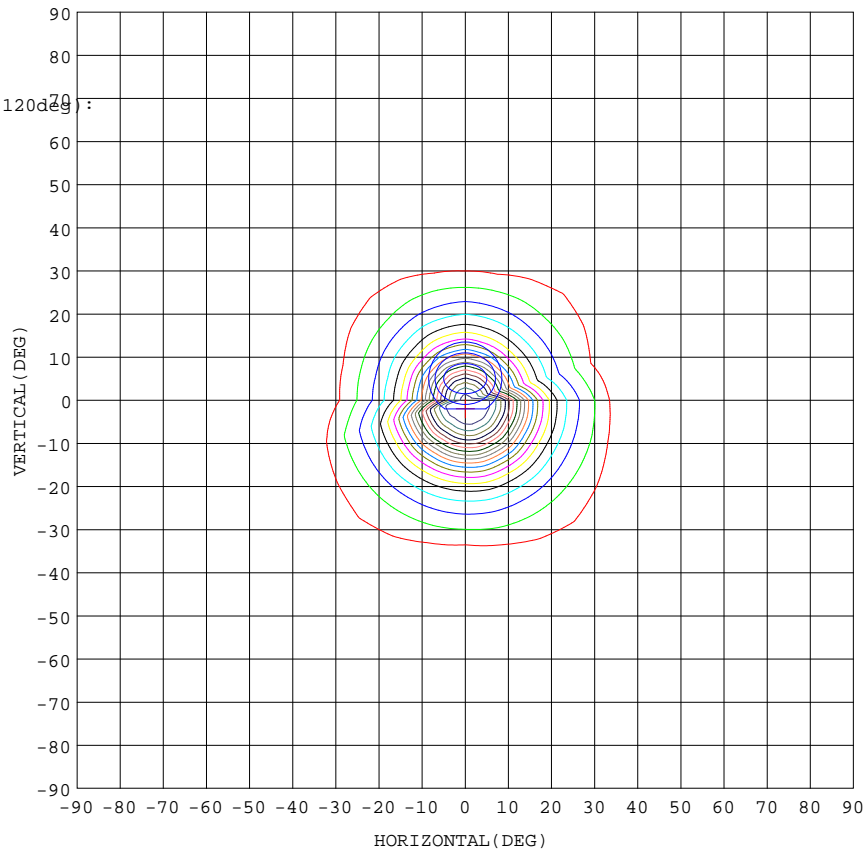
%lamp = 99.4%

Conical surface Flux(120deg):

849.72 lm

%lum = 100.0%

%lamp = 100.0%



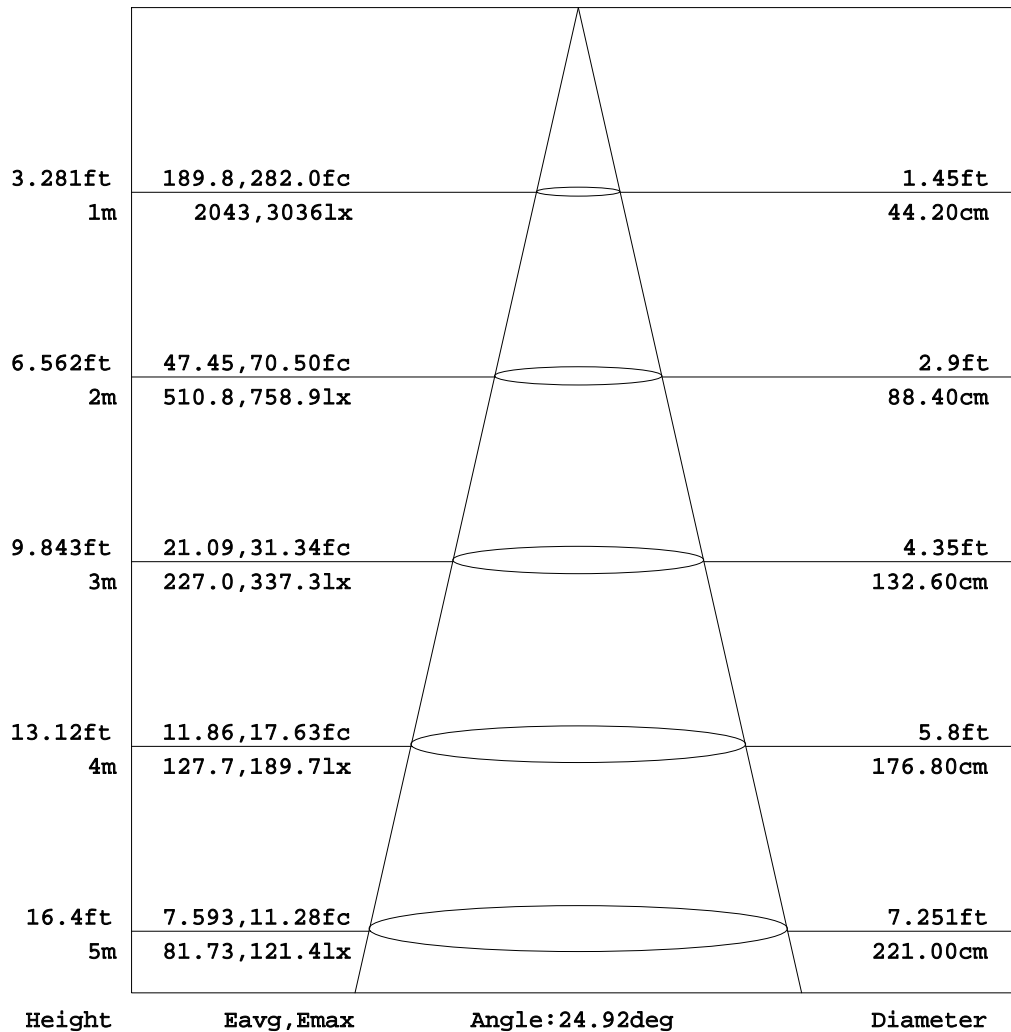
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.2DEG
Operators:Cao Chengpei
Test Date:2016-11-30

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:0.0653A P:12.89W PF:0.8951 Lamp Flux:850.05x1 lm		
NAME: S68S1-11W-930-N	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L78mm*W78mm*H98mm	
MFR.: NEKO LIGHTING AG		

Flux out:342.1 lm



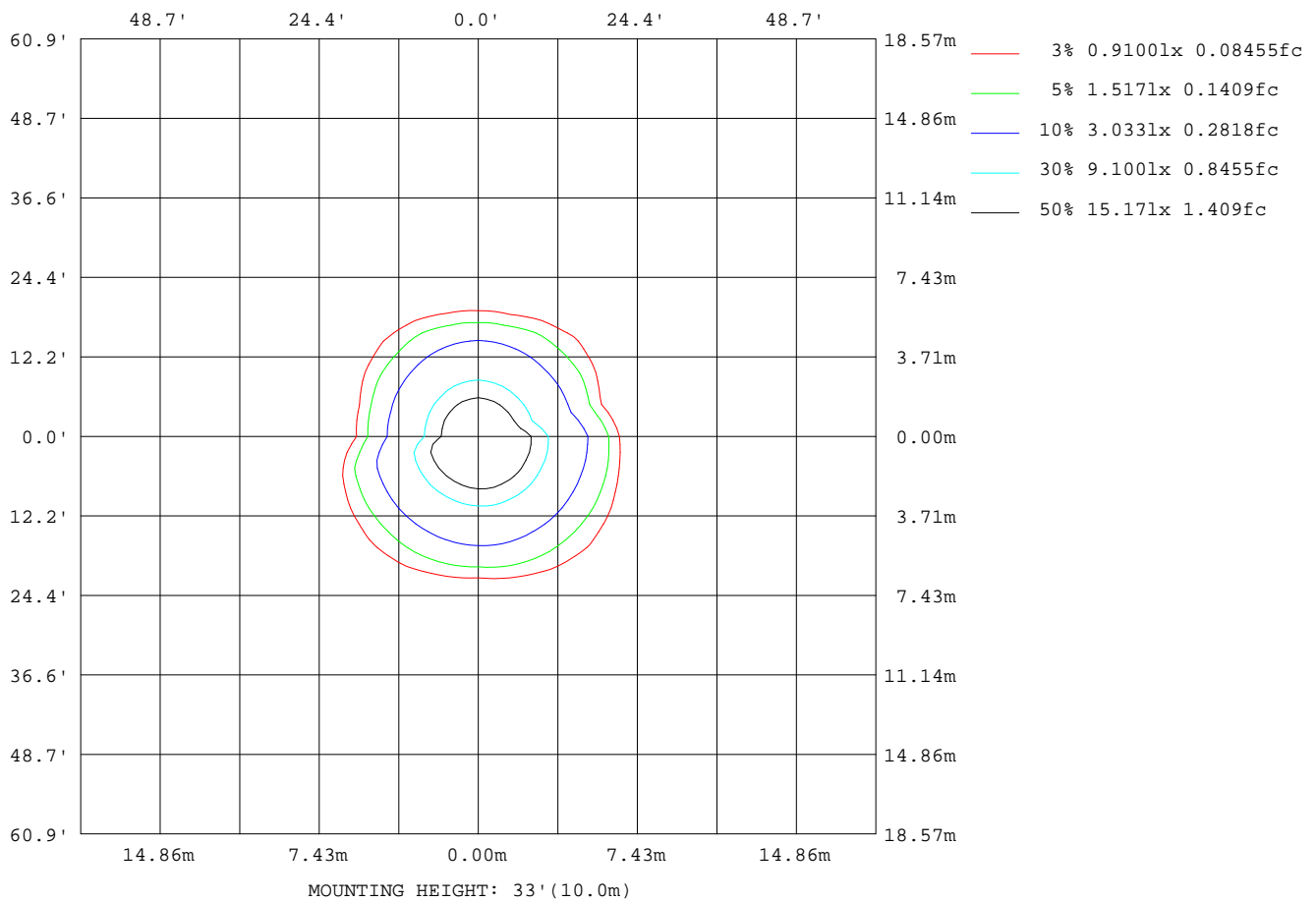
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

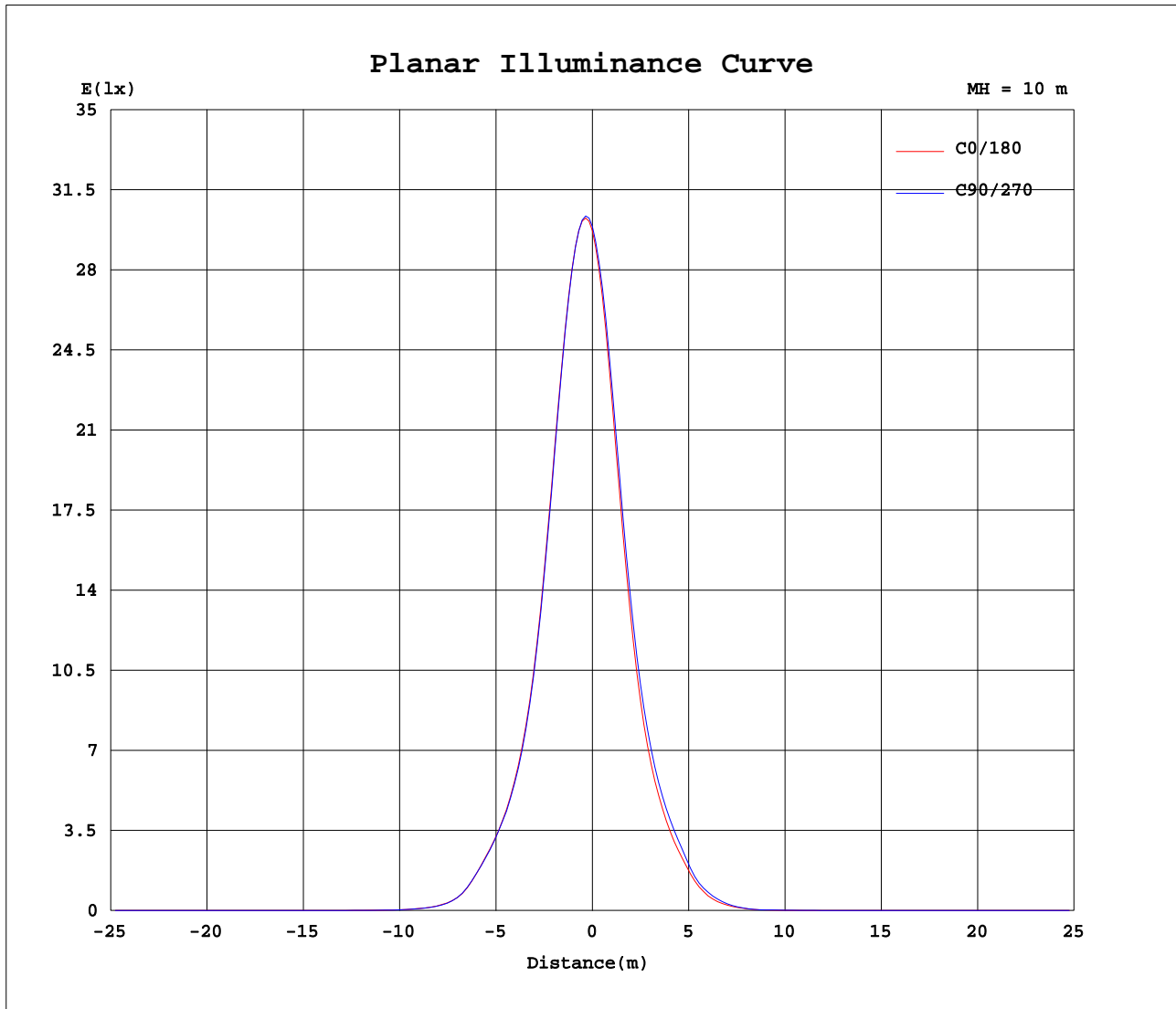
Test:U:220.6V I:0.0653A P:12.89W PF:0.8951 Lamp Flux:850.05x1 lm		
NAME: S68S1-11W-930-N	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L78mm*W78mm*H98mm	
MFR.: NEKO LIGHTING AG		



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	2971	2965	2974	2968	2979	2979	2989	2965	2964	2975
3.0	3026	3032	3033	3035	3032	3034	3030	3003	2987	2998
6.0	2853	2874	2868	2880	2865	2869	2847	2814	2778	2793
9.0	2474	2505	2496	2516	2493	2498	2461	2419	2371	2382
12.0	1972	2008	1996	2020	1990	1993	1948	1908	1863	1873
15.0	1467	1501	1491	1517	1486	1487	1447	1417	1381	1390
18.0	1066	1091	1086	1101	1080	1080	1050	1026	1010	1012
21.0	781.3	799.6	790.4	799.2	789.7	790.8	766.3	753.5	744.0	742.3
24.0	579.4	588.5	584.1	591.6	584.1	586.5	570.8	564.3	557.7	552.9
27.0	433.3	434.8	436.0	440.1	436.8	438.4	428.9	419.9	410.3	407.1
30.0	305.0	319.3	318.8	322.4	321.5	320.2	300.9	300.3	295.2	289.9
33.0	168.4	200.2	229.6	233.3	229.9	205.1	171.8	189.3	210.4	204.6
36.0	82.70	103.3	148.9	172.2	151.5	102.3	81.05	92.88	134.5	153.6
39.0	41.35	51.50	82.54	116.5	80.81	48.69	40.10	48.68	74.97	113.7
42.0	21.83	26.30	45.20	63.09	41.82	24.99	21.51	27.75	46.46	66.65
45.0	9.898	13.50	24.14	33.93	22.68	12.87	9.267	13.75	27.85	36.62
48.0	5.824	6.722	11.88	22.14	11.16	6.095	5.324	6.310	12.17	25.06
51.0	3.120	3.825	5.784	13.19	5.326	3.659	2.911	3.731	5.886	13.59
54.0	1.424	1.779	3.211	4.624	3.156	1.822	1.362	1.728	3.504	4.018
57.0	0.4968	0.4683	1.375	2.272	1.482	0.6686	0.6760	0.6643	1.618	2.169
60.0	0.3289	0.3359	0.3844	1.370	0.5167	0.5253	0.4462	0.4997	0.6251	0.9355
63.0	0.1602	0.1490	0.2711	1.246	0.3841	0.2618	0.2646	0.2661	0.3972	1.009
66.0	0.1364	0.1470	0.1980	0.7483	0.2474	0.2385	0.2261	0.2384	0.2813	0.9502
69.0	0.1045	0.1405	0.2028	0.3064	0.2397	0.1659	0.1260	0.1552	0.2876	0.4146
72.0	0.0472	0.0277	0.2025	0.2641	0.2049	0.0277	0.0342	0.0234	0.1796	0.2601
75.0	0.0426	0.0256	0.0277	0.1292	0.0320	0.0256	0.0320	0.0213	0.0256	0.1418
78.0	0.0362	0.0256	0.0277	0.0234	0.0298	0.0256	0.0277	0.0234	0.0256	0.0192
81.0	0.0277	0.0256	0.0235	0.0234	0.0298	0.0256	0.0277	0.0234	0.0256	0.0213
84.0	0.0256	0.0256	0.0234	0.0234	0.0298	0.0256	0.0256	0.0234	0.0234	0.0234
87.0	0.0298	0.0341	0.0255	0.0277	0.0277	0.0256	0.0256	0.0256	0.0234	0.0234
90.0	0.0320	0.0320	0.0320	0.0320	0.0277	0.0277	0.0256	0.0256	0.0234	0.0234

G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	2985	2989	2971	2965	2974	2968	2979	2989	2965	2965
3.0	2995	2995	2691	2676	2695	2685	2710	2707	2730	2707
6.0	2774	2773	2235	2219	2251	2238	2273	2265	2299	2272
9.0	2356	2354	1715	1702	1740	1732	1770	1760	1792	1762
12.0	1847	1838	1260	1245	1283	1273	1317	1307	1339	1303
15.0	1364	1363	901.7	896.5	923.6	922.9	957.7	963.7	983.0	957.5
18.0	988.5	976.5	658.3	651.2	676.2	682.8	710.8	715.4	729.1	712.6
21.0	725.4	714.4	483.0	479.1	498.9	510.5	532.8	536.7	547.2	537.2
24.0	544.9	530.8	347.3	348.1	360.9	370.9	389.3	397.4	405.8	396.6
27.0	397.2	386.5	225.6	235.4	256.5	262.6	279.9	271.7	260.6	268.2
30.0	282.4	274.0	128.3	135.2	177.8	185.7	194.7	159.4	150.9	153.2
33.0	200.0	164.5	66.98	75.91	108.4	138.4	120.2	94.59	85.89	88.95
36.0	124.1	90.71	34.65	42.71	65.34	97.18	74.60	50.23	41.20	44.56
39.0	75.27	50.87	16.31	20.54	39.59	56.42	42.96	22.10	17.53	22.05
42.0	45.51	26.26	6.916	7.850	20.14	33.19	20.37	8.185	7.586	8.536
45.0	24.78	10.62	3.990	4.618	7.303	20.78	7.401	5.209	4.845	5.389
48.0	9.704	5.609	2.035	2.506	4.250	8.022	4.589	3.187	2.870	3.094
51.0	5.114	3.185	0.9109	1.025	2.277	3.012	2.688	1.470	0.8872	1.365
54.0	2.818	1.477	0.6565	0.7335	0.8166	1.659	1.091	0.7185	0.6847	0.6352
57.0	1.147	0.8344	0.2807	0.3268	0.5140	0.5736	0.5291	0.3504	0.3122	0.3566
60.0	0.6334	0.4421	0.2086	0.2216	0.2041	0.9029	0.2275	0.1939	0.2023	0.2003
63.0	0.3057	0.2172	0.1359	0.1749	0.1873	0.3482	0.1939	0.1790	0.1616	0.1896
66.0	0.2174	0.1809	0.0339	0.1046	0.1704	0.2431	0.2024	0.0963	0.0509	0.1069
69.0	0.2173	0.1063	0.0107	0.0234	0.1076	0.2257	0.1139	0.0299	0.0128	0.0341
72.0	0.1816	0.0149	0.0107	0.0213	0.0107	0.0306	0.0128	0.0213	0.0128	0.0277
75.0	0.0256	0.0149	0.0107	0.0170	0.0107	0.0192	0.0128	0.0213	0.0128	0.0256
78.0	0.0256	0.0149	0.0107	0.0170	0.0107	0.0192	0.0128	0.0192	0.0128	0.0234
81.0	0.0234	0.0170	0.0107	0.0170	0.0107	0.0170	0.0128	0.0213	0.0128	0.0213
84.0	0.0234	0.0234	0.0107	0.0149	0.0107	0.0170	0.0128	0.0170	0.0128	0.0170
87.0	0.0234	0.0234	0.0107	0.0149	0.0107	0.0149	0.0128	0.0170	0.0128	0.0170
90.0	0.0234	0.0234	0.0107	0.0149	0.0107	0.0149	0.0128	0.0128	0.0128	0.0149

G/C	300.0	315.0	330.0	345.0
0.0	2964	2975	2985	2989
3.0	2720	2726	2750	2756
6.0	2291	2291	2326	2332
9.0	1775	1767	1806	1814
12.0	1313	1294	1329	1332
15.0	951.4	943.0	957.5	963.1
18.0	704.6	698.2	706.8	706.8
21.0	529.5	523.2	527.2	529.6

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	393.7	386.2	394.7	393.8
27.0	284.9	282.8	288.5	279.4
30.0	198.3	205.4	207.0	158.7
33.0	115.2	153.0	129.7	82.24
36.0	66.43	100.3	70.92	40.58
39.0	37.28	50.55	38.19	21.81
42.0	19.83	29.77	20.97	9.921
45.0	7.917	19.98	9.334	5.707
48.0	4.603	9.726	4.898	3.144
51.0	2.455	3.101	2.689	1.389
54.0	0.8695	1.591	1.021	0.4477
57.0	0.4041	0.7426	0.3213	0.2903
60.0	0.2276	1.056	0.1978	0.1451
63.0	0.2025	0.5898	0.1771	0.1487
66.0	0.2033	0.2970	0.2258	0.1491
69.0	0.1393	0.2343	0.1689	0.0342
72.0	0.0149	0.0419	0.0149	0.0298
75.0	0.0149	0.0256	0.0149	0.0213
78.0	0.0149	0.0213	0.0149	0.0213
81.0	0.0149	0.0192	0.0149	0.0192
84.0	0.0149	0.0149	0.0149	0.0192
87.0	0.0149	0.0149	0.0149	0.0192
90.0	0.0149	0.0107	0.0149	0.0234

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: