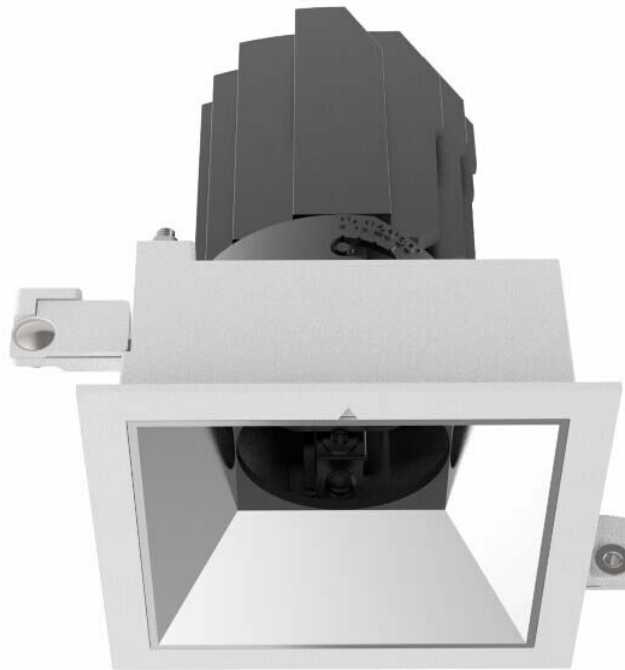


LED Downlight SENSE Series S68S1-11W-940-N



Light Output Ratio:	100.0%	
Luminaire Power:	12.85 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

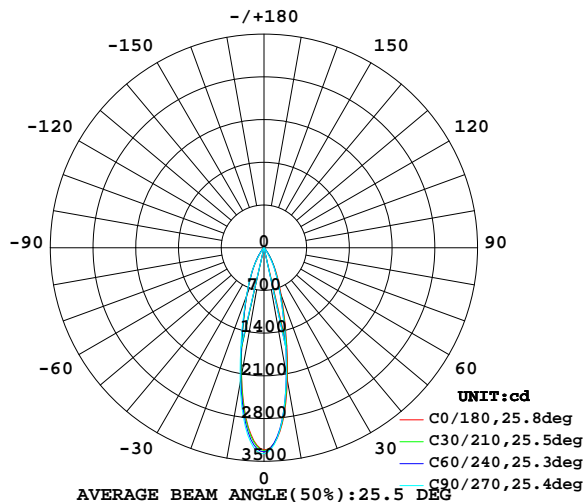
γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

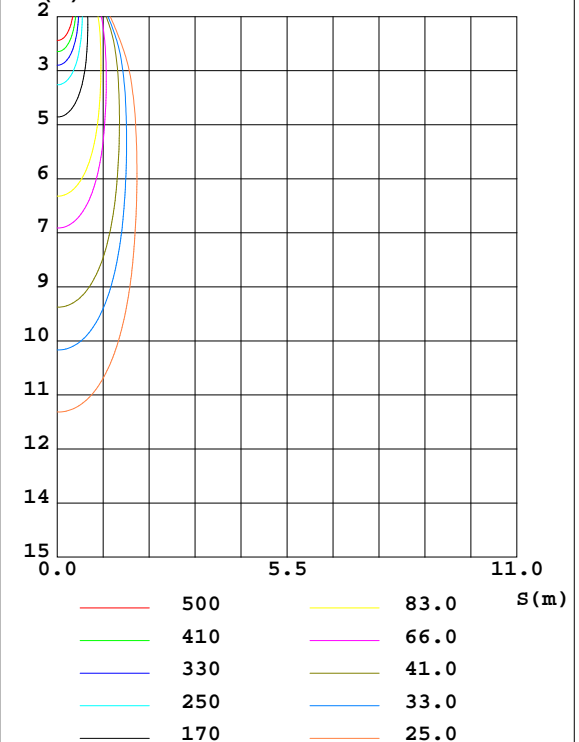
Test:U:220.6V I:0.0657A P:12.85W PF:0.8956 Lamp Flux:975.364x1 lm		
NAME: S68S1-11W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L78mm*W78mm*H98mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 75.87 lm/W			
MODEL	CITIZEN-4000K	I _{max} (cd)	3400	S/MH(C0/180)	0.43
NOMINAL POWER(W)	13.0	LOR(%)	100.0	S/MH(C90/270)	0.44
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	975.36	η UP,DN(C0-180)	0.0,48.6
NOMINAL FLUX(lm)	975.364	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,51.4
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)



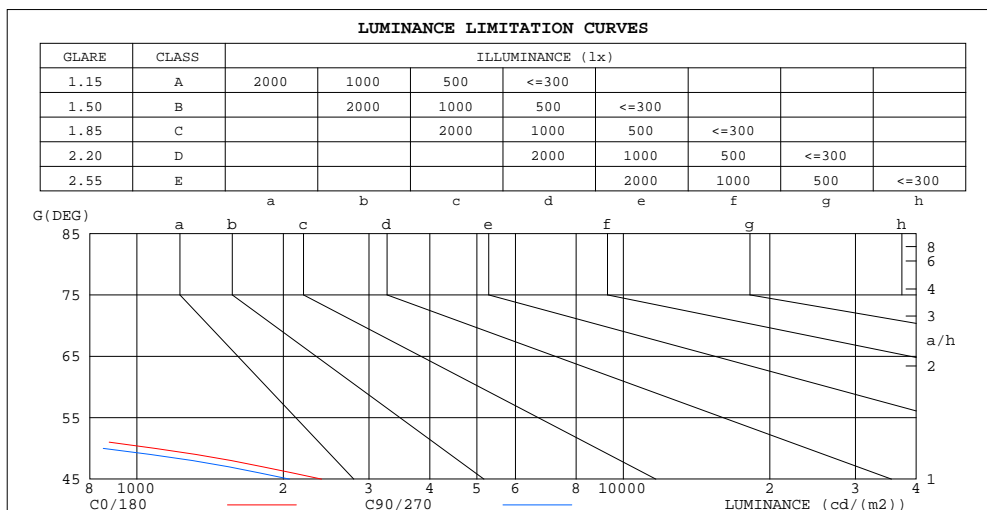
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-08-11

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	2208	2158	2122	2189	2129	2130	2250	2266	0- 10	261.3	261.3	26.8,26.8
20	823.5	771.5	745.6	791.4	822.6	806.5	844.9	853.4	10- 20	374.7	636.1	65.2,65.2
30	274.8	280.4	229.2	278.9	283.2	284.5	291.0	301.5	20- 30	230.7	866.7	88.9,88.9
40	33.19	77.32	26.77	80.83	37.11	95.35	41.60	92.46	30- 40	88.31	955.0	97.9,97.9
50	4.263	15.10	3.335	12.06	3.870	16.35	4.385	16.52	40- 50	17.63	972.7	99.7,99.7
60	0.5258	1.034	0.4207	0.7028	0.5234	0.8930	0.4579	1.252	50- 60	2.184	974.9	99.9,99.9
70	0.1121	0.3760	0.1012	0.2843	0.0611	0.2778	0.0955	0.4264	60- 70	0.3795	975.2	100,100
80	0.0503	0.0415	0.0765	0.0459	0.0328	0.0350	0.0284	0.0372	70- 80	0.0886	975.3	100,100
90	0.0459	0.0459	0.0503	0.0459	0.0328	0.0284	0.0284	0.0284	80- 90	0.0431	975.4	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		



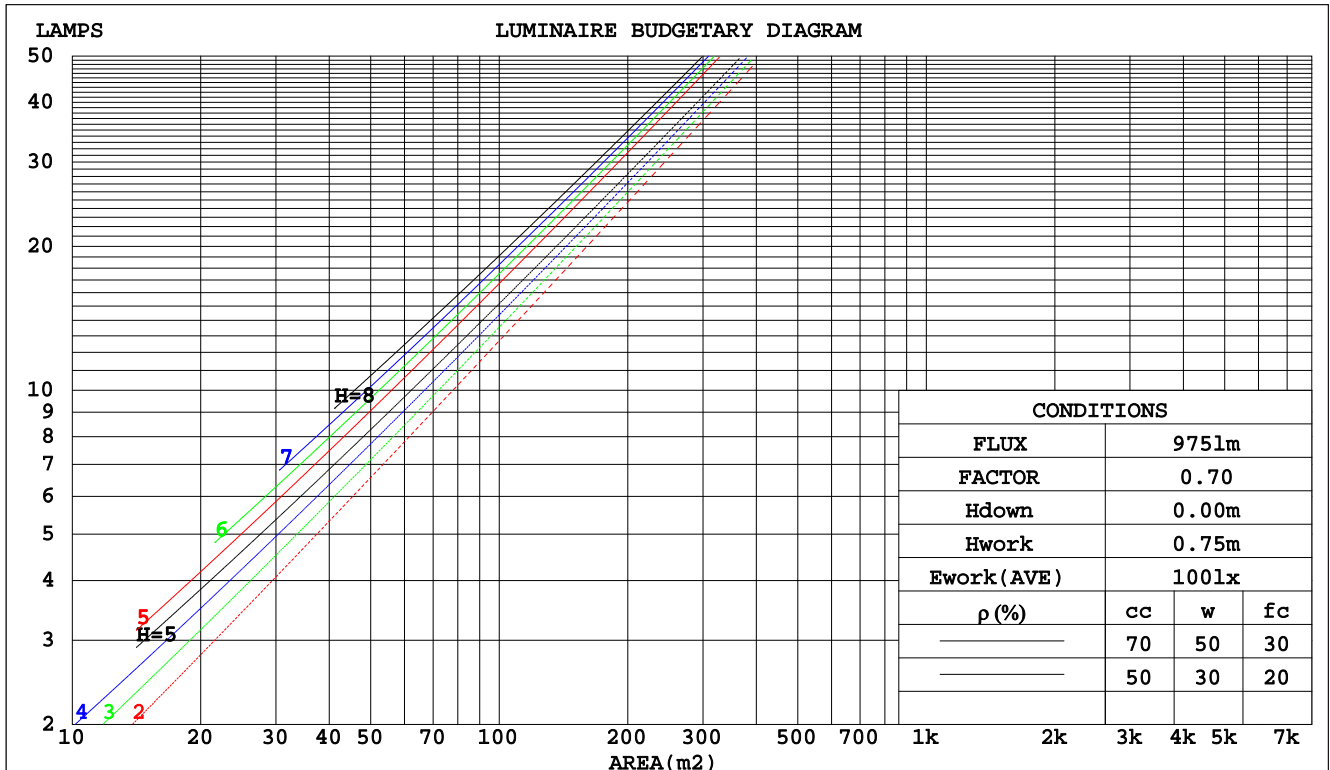
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-08-11

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:0.0657A P:12.85W PF:0.8956 Lamp Flux:975.364x1 lm		
NAME: S68S1-11W-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	.89	.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	.80	.78	.77														
7.0	.84	.80	.76	.84	.79	.76	.83	.79	.76	.82	.78	.75	.81	.77	.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:0.0657A P:12.85W PF:0.8956 Lamp Flux:975.364x1 lm		
NAME: S68S1-11W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L78mm*W78mm*H98mm	
MFR.: NEKO LIGHTING AG		

pcc	80%			70%			50%			30%			10%			0	
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρfc	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	.106	.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	.017		
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	.046	.013	.088	.044	.013	.085	.043	.012		
10.0	.094	.045	.012	.092	.044	.012	.089	.043	.012	.086	.042	.012	.083	.042	.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	.017	.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	.075	.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:0.0657A P:12.85W PF:0.8956 Lamp Flux:975.364x1 lm										
NAME: S68S1-11W-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	11.6	12.4	11.8	12.5	12.7	10.8	11.6	11.0	11.7	11.9
3H	11.5	12.1	11.7	12.3	12.5	10.7	11.3	10.9	11.5	11.7
4H	11.4	12.0	11.6	12.2	12.4	10.6	11.2	10.8	11.4	11.7
6H	11.3	11.9	11.6	12.1	12.4	10.5	11.1	10.8	11.3	11.6
8H	11.2	11.8	11.5	12.1	12.3	10.4	11.0	10.7	11.3	11.5
12H	11.2	11.8	11.5	12.0	12.3	10.4	11.0	10.7	11.2	11.5
4H 2H	11.4	12.0	11.6	12.2	12.5	10.6	11.2	10.8	11.4	11.7
3H	11.2	11.8	11.5	12.0	12.3	10.4	11.0	10.7	11.2	11.5
4H	11.1	11.6	11.4	11.9	12.2	10.3	10.8	10.6	11.1	11.4
6H	11.0	11.5	11.4	11.8	12.1	10.2	10.7	10.6	11.0	11.3
8H	11.0	11.4	11.3	11.7	12.1	10.2	10.6	10.5	10.9	11.3
12H	10.9	11.3	11.3	11.7	12.0	10.1	10.5	10.5	10.9	11.2
8H 4H	11.0	11.4	11.3	11.7	12.1	10.2	10.6	10.5	10.9	11.3
6H	10.8	11.2	11.3	11.6	12.0	10.0	10.4	10.5	10.8	11.2
8H	10.8	11.1	11.2	11.5	11.9	10.0	10.3	10.4	10.7	11.2
12H	10.7	11.0	11.2	11.4	11.9	9.9	10.2	10.4	10.6	11.1
12H 4H	10.9	11.3	11.3	11.7	12.0	10.1	10.5	10.5	10.9	11.2
6H	10.8	11.1	11.2	11.5	11.9	10.0	10.3	10.4	10.7	11.2
8H	10.7	11.0	11.2	11.4	11.9	9.9	10.2	10.4	10.6	11.1
Variations with the observer position at spacings:										
S = 1.0H	+ 2.6 / -18.3					+ 2.7 / -17.3				
1.5H	+ 4.6 / -12.0					+ 4.4 / -12.6				
2.0H	+ 5.4 / -11.5					+ 5.3 / -11.4				

CIE Pub.117 Corrected 975.4 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.1)

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:

UTILIZATION FACTORS TABLE

Test:U:220.6V I:0.0657A P:12.85W PF:0.8956 Lamp Flux:975.364x1 lm		
NAME: S68S1-11W-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:0.0657A P:12.85W PF:0.8956 Lamp Flux:975.364x1 lm		
NAME: S68S1-11W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L78mm*W78mm*H98mm	
MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

967.78 lm

%lum = 99.2%

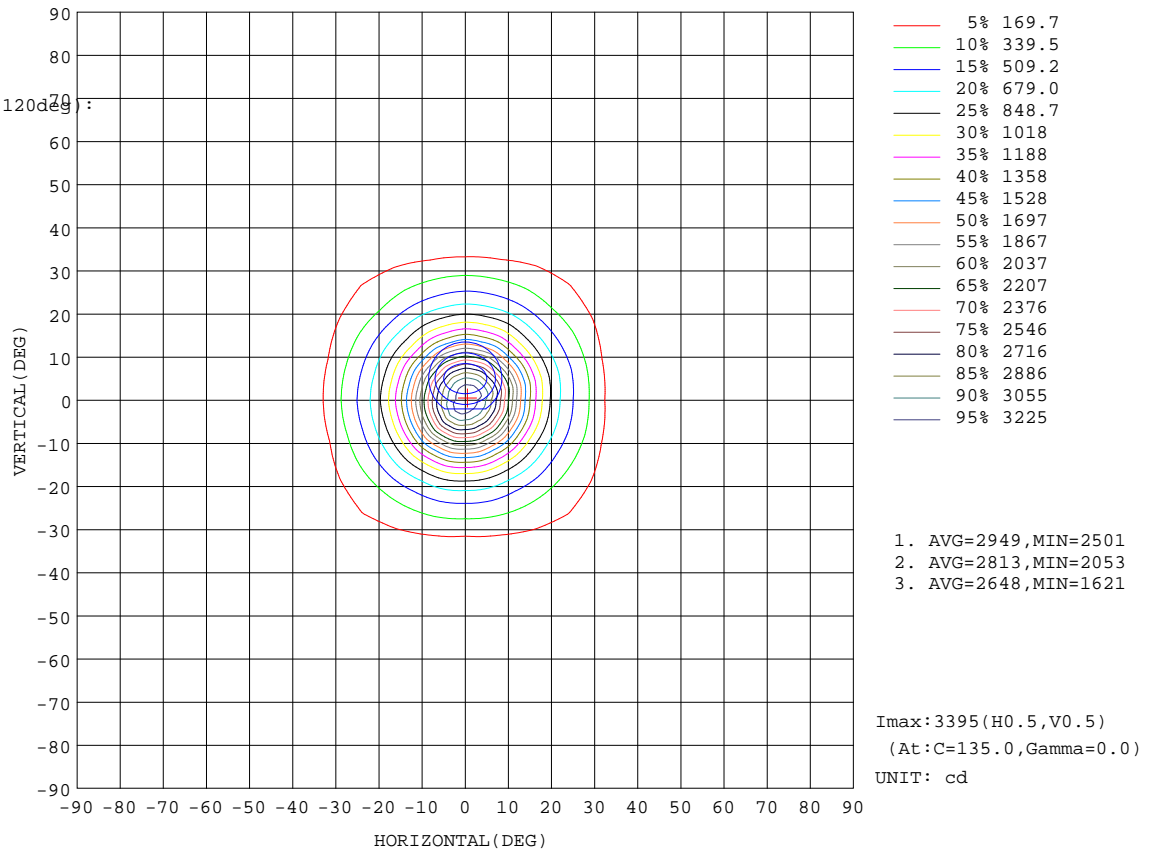
%lamp = 99.2%

Conical surface Flux(120deg):

974.85 lm

%lum = 99.9%

%lamp = 99.9%



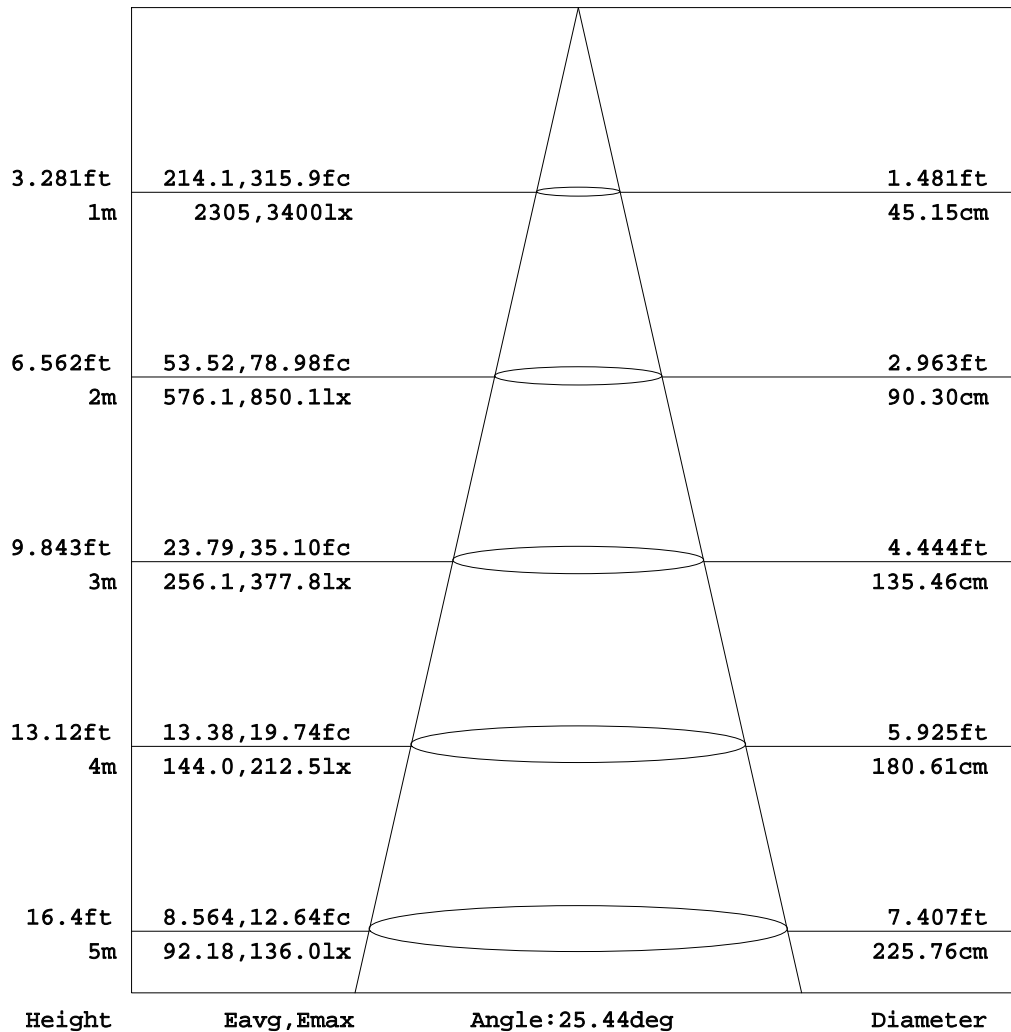
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-08-11

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:0.0657A P:12.85W PF:0.8956 Lamp Flux:975.364x1 lm		
NAME: S68S1-11W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L78mm*W78mm*H98mm	
MFR.: NEKO LIGHTING AG		

Flux out:385.9 lm



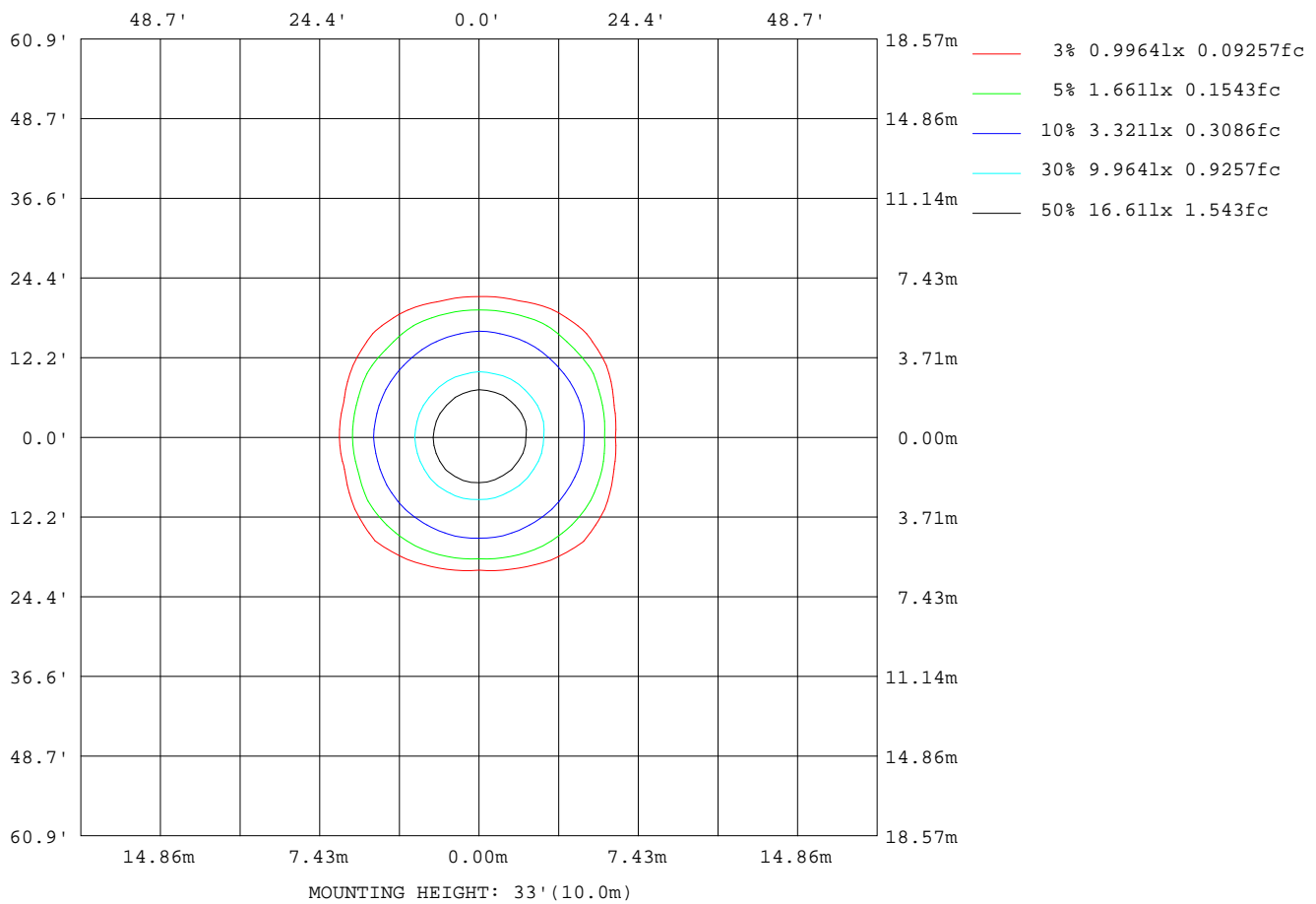
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

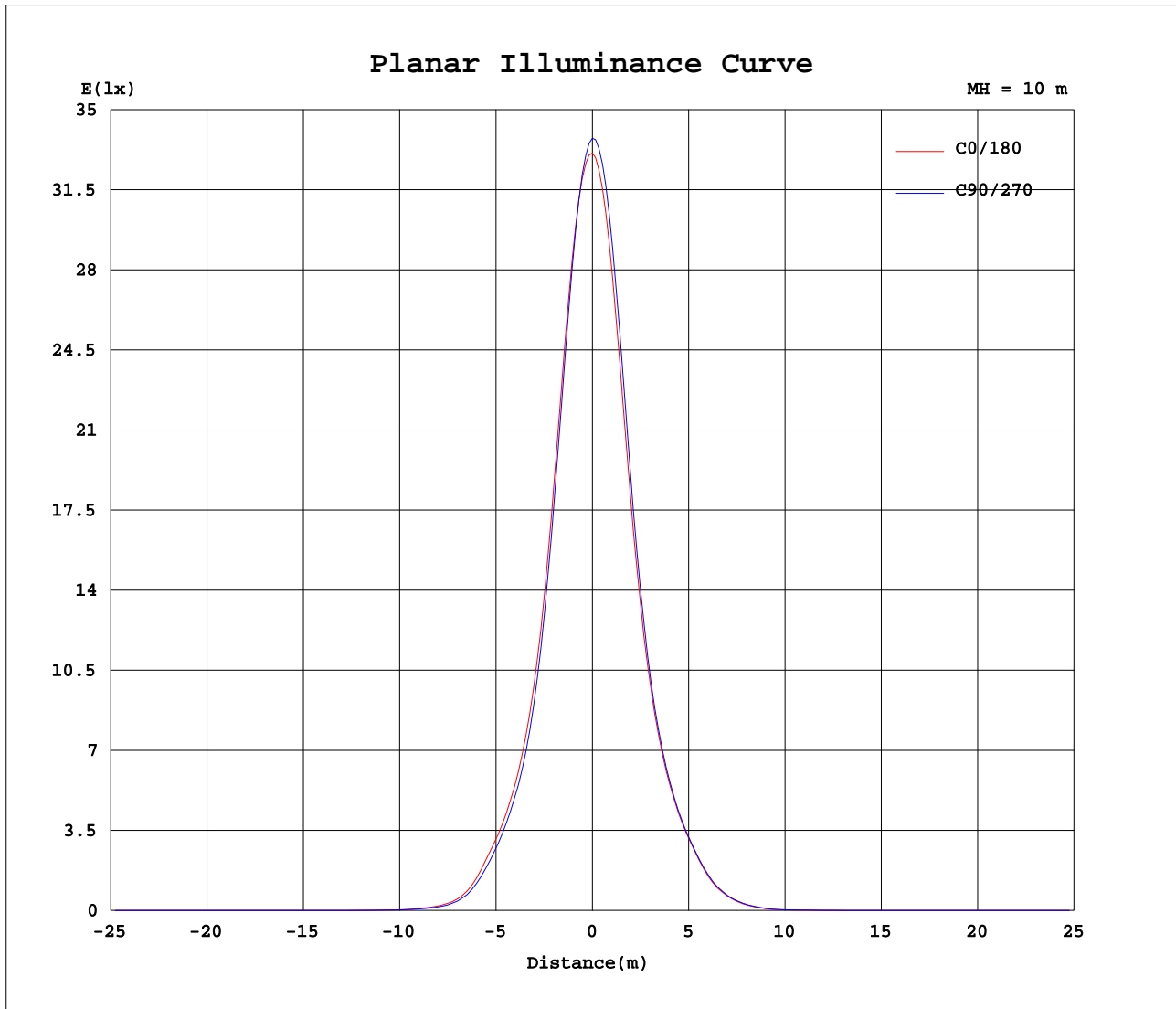
Test:U:220.6V I:0.0657A P:12.85W PF:0.8956 Lamp Flux:975.364x1 lm		
NAME: S68S1-11W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L78mm*W78mm*H98mm	
MFR.: NEKO LIGHTING AG		



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	3310	3316	3322	3330	3343	3360	3375	3392	3397	3400
3.0	3211	3220	3209	3212	3202	3221	3228	3258	3255	3266
6.0	2887	2896	2868	2866	2835	2854	2851	2892	2884	2906
9.0	2392	2402	2353	2349	2302	2323	2313	2360	2349	2381
12.0	1843	1842	1793	1784	1741	1760	1750	1790	1783	1816
15.0	1358	1353	1312	1302	1266	1277	1266	1302	1301	1333
18.0	1003	993.4	956.4	951.2	923.5	925.1	915.6	941.5	944.8	971.8
21.0	746.9	737.1	708.7	700.7	678.8	682.3	675.5	692.6	692.4	720.4
24.0	562.3	555.6	530.8	524.6	506.1	510.7	505.1	516.3	515.8	537.0
27.0	418.3	411.5	394.4	385.2	376.3	368.3	361.8	373.0	379.4	390.2
30.0	274.8	289.2	288.2	280.4	271.5	249.8	229.2	250.2	271.0	278.9
33.0	145.7	166.2	205.0	207.4	185.5	143.7	118.4	144.6	181.0	202.4
36.0	73.25	88.39	121.8	150.8	112.8	73.42	60.88	73.20	110.5	150.9
39.0	40.01	45.30	69.16	93.97	63.80	37.46	32.21	39.04	66.46	97.67
42.0	22.36	26.18	40.49	50.17	35.19	22.15	17.86	21.93	37.42	53.78
45.0	10.32	12.29	23.45	32.20	20.69	10.58	8.855	9.689	19.68	33.39
48.0	6.364	7.157	10.67	22.47	9.528	6.479	5.298	5.794	20.66	
51.0	3.359	3.938	6.016	11.45	5.559	3.326	2.544	3.080	4.675	8.178
54.0	1.446	1.776	3.185	4.091	2.772	1.341	0.8938	1.286	2.441	3.096
57.0	0.7877	0.6819	1.300	2.036	0.9991	0.7014	0.6992	0.9581	1.649	
60.0	0.5258	0.5065	0.5689	1.034	0.5580	0.4584	0.4207	0.4431	0.5560	0.7028
63.0	0.3458	0.3105	0.4161	1.055	0.3636	0.2972	0.3215	0.2842	0.3287	0.9186
66.0	0.3128	0.3061	0.3411	0.6201	0.3127	0.2710	0.2692	0.2579	0.2732	0.4258
69.0	0.1667	0.2182	0.3585	0.4021	0.3279	0.1985	0.1600	0.1876	0.2461	0.2842
72.0	0.0744	0.0459	0.1960	0.3429	0.1460	0.0678	0.0940	0.0612	0.1022	0.2861
75.0	0.0678	0.0459	0.0612	0.0503	0.0766	0.0612	0.0875	0.0568	0.0700	0.0481
78.0	0.0547	0.0459	0.0568	0.0415	0.0700	0.0590	0.0809	0.0503	0.0678	0.0459
81.0	0.0503	0.0459	0.0481	0.0415	0.0656	0.0481	0.0679	0.0459	0.0678	0.0459
84.0	0.0481	0.0459	0.0481	0.0415	0.0547	0.0481	0.0547	0.0459	0.0525	0.0459
87.0	0.0459	0.0459	0.0481	0.0459	0.0481	0.0481	0.0503	0.0481	0.0459	0.0459
90.0	0.0459	0.0459	0.0481	0.0459	0.0481	0.0481	0.0503	0.0503	0.0459	0.0459

G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	3383	3310	3316	3322	3330	3343	3360	3375	3392	3400
3.0	3227	3222	3167	3166	3188	3197	3232	3249	3275	3283
6.0	2853	2844	2810	2802	2836	2839	2890	2903	2944	2945
9.0	2330	2322	2309	2291	2323	2318	2380	2389	2440	2433
12.0	1786	1775	1780	1758	1780	1773	1823	1829	1875	1868
15.0	1311	1311	1331	1316	1329	1316	1349	1349	1399	1382
18.0	962.6	969.0	997.2	985.8	993.5	979.0	1007	1005	1027	1028
21.0	723.4	730.6	748.5	739.2	746.7	735.2	753.2	752.6	767.0	767.6
24.0	546.4	548.9	565.5	557.1	560.5	553.4	560.8	562.8	576.5	577.3
27.0	399.0	401.5	421.9	413.7	411.1	401.8	412.7	415.5	428.5	422.7
30.0	289.0	270.6	283.2	296.8	284.5	284.5	301.2	291.9	291.0	295.3
33.0	195.4	160.0	167.7	171.4	205.2	210.4	210.5	180.2	176.4	183.8
36.0	117.1	90.62	94.87	101.5	130.2	159.7	137.5	108.2	99.95	108.6
39.0	69.80	46.56	48.02	58.53	81.21	111.3	87.61	62.18	52.68	61.44
42.0	39.66	22.23	20.74	27.22	51.80	69.20	55.87	30.27	24.65	29.90
45.0	19.49	8.759	8.794	10.10	26.88	42.72	28.91	11.77	10.26	11.48
48.0	7.734	5.391	5.589	6.331	9.850	27.09	10.64	6.943	6.409	6.848
51.0	4.749	2.898	3.143	3.675	5.792	11.40	5.951	3.945	3.607	3.962
54.0	2.451	1.193	1.379	1.678	3.379	3.946	3.348	1.954	1.363	1.941
57.0	0.8938	0.8910	1.054	1.072	1.351	2.221	1.452	0.8969	0.8818	0.8160
60.0	0.6265	0.4823	0.5234	0.5850	0.7659	0.8930	0.6503	0.5170	0.4579	0.4929
63.0	0.3463	0.3388	0.3606	0.3674	0.3840	0.4916	0.3468	0.3128	0.2950	0.3063
66.0	0.3018	0.2795	0.2922	0.3194	0.3149	0.4297	0.3067	0.2735	0.2446	0.2821
69.0	0.2649	0.1506	0.1304	0.1775	0.2903	0.2889	0.2665	0.1905	0.1265	0.2014
72.0	0.0671	0.0481	0.0502	0.0634	0.1084	0.2755	0.1667	0.0503	0.0350	0.0504
75.0	0.0547	0.0481	0.0393	0.0525	0.0328	0.0533	0.0306	0.0416	0.0306	0.0459
78.0	0.0568	0.0481	0.0328	0.0438	0.0241	0.0415	0.0284	0.0394	0.0306	0.0394
81.0	0.0481	0.0481	0.0328	0.0416	0.0241	0.0350	0.0262	0.0350	0.0284	0.0372
84.0	0.0481	0.0481	0.0328	0.0350	0.0241	0.0328	0.0262	0.0328	0.0284	0.0328
87.0	0.0481	0.0481	0.0328	0.0350	0.0241	0.0328	0.0262	0.0306	0.0284	0.0306
90.0	0.0481	0.0481	0.0328	0.0306	0.0241	0.0284	0.0262	0.0306	0.0284	0.0262

G/C	300.0	315.0	330.0	345.0
0.0	3397	3400	3383	3384
3.0	3301	3298	3298	3303
6.0	2975	2966	2983	2993
9.0	2473	2457	2489	2497
12.0	1911	1894	1927	1936
15.0	1428	1405	1440	1433
18.0	1057	1041	1052	1054
21.0	789.6	775.5	782.0	783.9

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:

Photometric Data Table [cd]

24.0	584.8	582.1	586.8	590.9
27.0	430.3	423.9	434.3	438.2
30.0	311.4	301.5	313.8	296.3
33.0	217.5	218.1	218.6	168.2
36.0	142.7	161.0	134.4	94.14
39.0	85.37	109.5	78.37	50.81
42.0	52.31	66.20	47.33	27.11
45.0	28.34	40.31	25.47	11.50
48.0	10.91	25.95	10.55	7.056
51.0	5.945	11.95	6.217	4.006
54.0	3.429	4.151	3.565	1.797
57.0	1.465	2.357	1.437	0.7678
60.0	0.6026	1.252	0.6356	0.5343
63.0	0.3579	1.196	0.4168	0.3261
66.0	0.3040	0.7272	0.3423	0.2868
69.0	0.3236	0.4268	0.3249	0.2168
72.0	0.2386	0.3917	0.2320	0.0570
75.0	0.0284	0.0629	0.0284	0.0481
78.0	0.0262	0.0394	0.0284	0.0416
81.0	0.0262	0.0372	0.0262	0.0372
84.0	0.0262	0.0328	0.0262	0.0371
87.0	0.0262	0.0306	0.0262	0.0328
90.0	0.0262	0.0284	0.0262	0.0284

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: