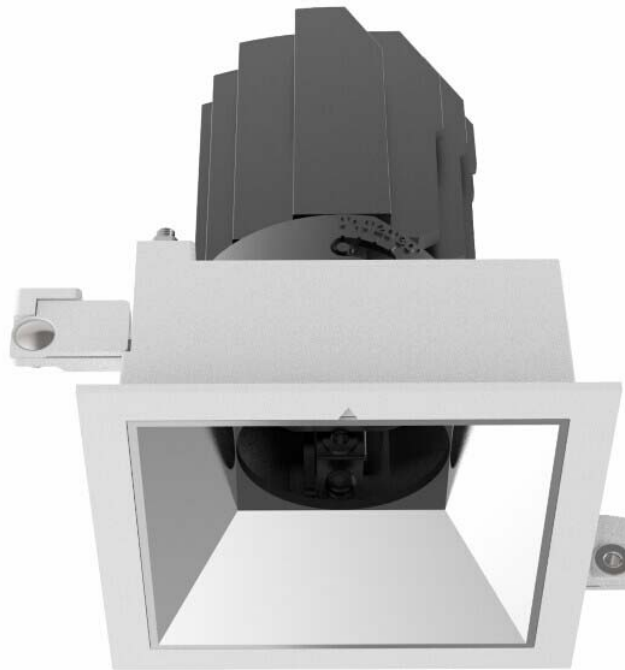


LED Downlight SENSE Series S68S1-11W-940-M



Light Output Ratio:	100.0%	
Luminaire Power:	12.86 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: 2017-08-11

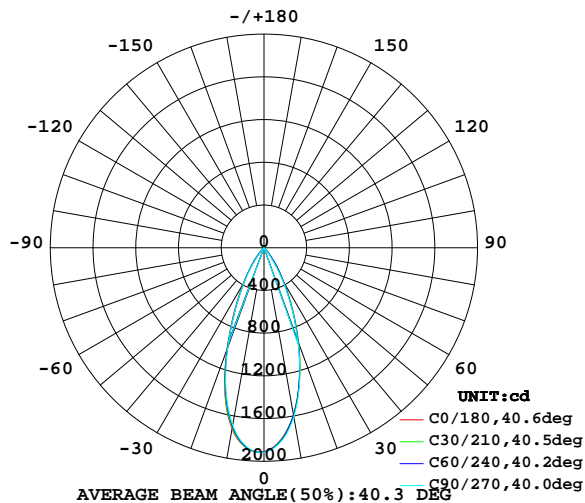
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

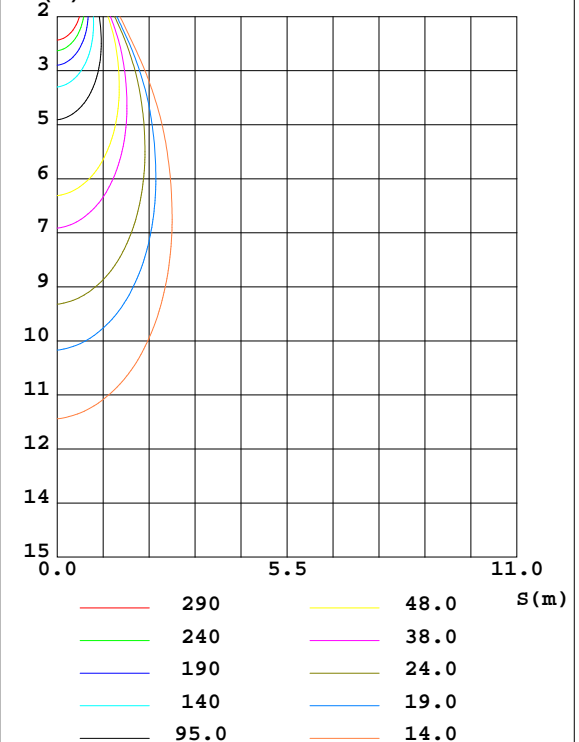
Test:U:220.6V I:0.0655A P:12.86W PF:0.8999 Lamp Flux:980.069x1 lm		
NAME: S68S1-11W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L78mm*W78mm*H98mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 76.18 lm/W			
MODEL	CITIZEN-4000K	I _{max} (cd)	1920	S/MH(C0/180)	0.67
NOMINAL POWER(W)	13.0	LOR(%)	100.0	S/MH(C90/270)	0.66
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	980.07	η UP,DN(C0-180)	0.0,49.1
NOMINAL FLUX(lm)	980.069	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.9
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)



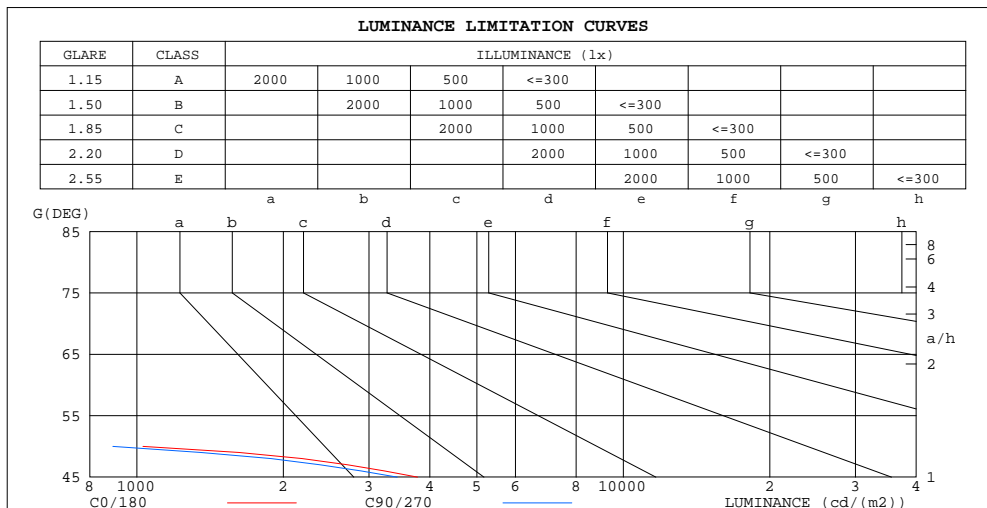
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-08-11

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	1588	1599	1609	1683	1722	1698	1689	1643	0- 10	170.3	170.3	17.4,17.4
20	947.4	955.2	928.6	986.9	1016	991.1	993.8	963.5	10- 20	367.5	537.8	54.9,54.9
30	368.6	378.3	340.7	378.9	396.0	365.4	367.2	372.2	20- 30	290.7	828.4	84.5,84.5
40	48.10	114.1	41.66	121.6	51.67	123.7	50.32	119.0	30- 40	124.5	953.0	97.2,97.2
50	4.025	16.14	3.489	14.02	3.919	15.24	4.936	18.11	40- 50	24.39	977.3	99.7,99.7
60	0.5104	0.7189	0.4209	0.6210	0.4713	0.7320	0.4624	0.9264	50- 60	2.229	979.6	99.9,99.9
70	0.1381	0.3411	0.1055	0.3633	0.0655	0.3475	0.1021	0.4131	60- 70	0.3582	979.9	100,100
80	0.0569	0.0503	0.0809	0.0503	0.0350	0.0394	0.0306	0.0415	70- 80	0.0951	980.0	100,100
90	0.0503	0.0503	0.0525	0.0503	0.0350	0.0284	0.0284	0.0284	80- 90	0.0462	980.1	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		



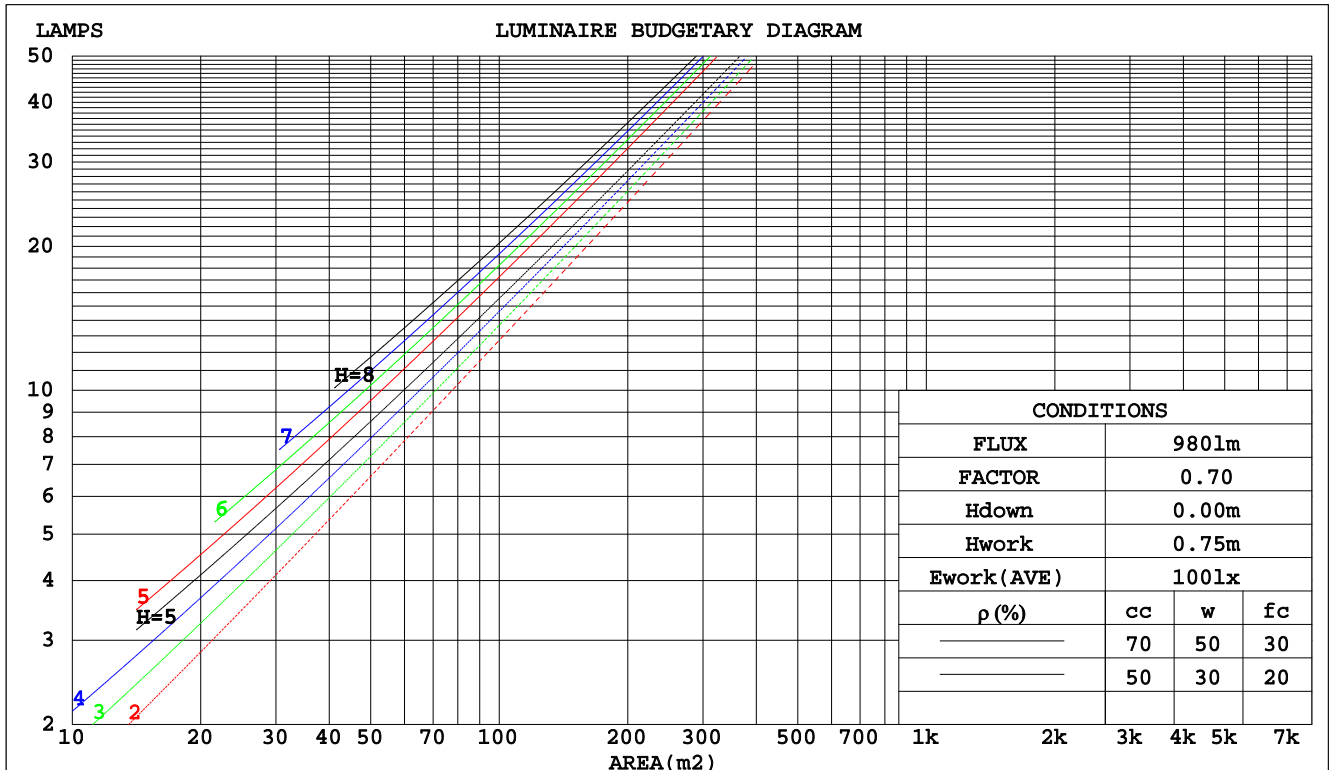
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-08-11

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:0.0655A P:12.86W PF:0.8999 Lamp Flux:980.069x1 lm		
NAME: S68S1-11W-940-M	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	1.09	1.08	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	.00	.98	.98	.97	.95
2.0	1.05	1.02	.99	1.03	1.00	.97	1.00	.98	.95	.97	.95	.93	.95	.93	.91	.90
3.0	.99	.95	.91	.98	.94	.91	.95	.92	.89	.93	.90	.88	.91	.88	.86	.85
4.0	.94	.89	.85	.93	.88	.85	.91	.87	.84	.89	.85	.83	.87	.84	.82	.81
5.0	.89	.84	.80	.88	.83	.80	.86	.82	.79	.85	.81	.78	.83	.80	.78	.76
6.0	.85	.79	.76	.84	.79	.75	.82	.78	.75	.81	.77	.74	.80	.76	.74	.73
7.0	.80	.75	.72	.80	.75	.71	.79	.74	.71	.77	.74	.71	.76	.73	.70	.69
8.0	.77	.72	.68	.76	.71	.68	.75	.71	.68	.74	.70	.67	.73	.70	.67	.66
9.0	.73	.68	.65	.73	.68	.65	.72	.67	.64	.71	.67	.64	.70	.67	.64	.63
10.0	.70	.65	.62	.70	.65	.62	.69	.65	.61	.68	.64	.61	.68	.64	.61	.60



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:0.0655A P:12.86W PF:0.8999 Lamp Flux:980.069x1 lm		
NAME: S68S1-11W-940-M	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	.159	.091	.029	.153	.087	.028	.140	.080	.026	.129	.074	.024	.118	.069	.022		
2.0	.151	.083	.025	.145	.080	.025	.135	.075	.023	.125	.070	.022	.117	.066	.021		
3.0	.143	.076	.023	.138	.074	.022	.130	.070	.021	.121	.066	.020	.114	.063	.019		
4.0	.136	.071	.021	.132	.069	.020	.124	.066	.020	.117	.063	.019	.111	.060	.018		
5.0	.129	.066	.019	.126	.065	.019	.119	.062	.018	.113	.060	.018	.108	.057	.017		
6.0	.123	.062	.018	.120	.061	.017	.115	.059	.017	.109	.057	.017	.104	.055	.016		
7.0	.118	.058	.017	.115	.057	.016	.110	.056	.016	.106	.054	.016	.101	.053	.015		
8.0	.113	.055	.016	.111	.054	.015	.106	.053	.015	.102	.052	.015	.098	.050	.015		
9.0	.108	.052	.015	.106	.052	.015	.102	.051	.014	.099	.049	.014	.095	.048	.014		
10.0	.104	.050	.014	.102	.049	.014	.099	.048	.014	.095	.047	.013	.092	.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	.099	.090	.079	.069	.052	.046	.041	.017	.015	.013	
3.0	.140	.113	.092	.120	.098	.080	.082	.068	.056	.048	.040	.033	.015	.013	.011	
4.0	.129	.098	.075	.111	.085	.065	.076	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.120	.087	.062	.103	.075	.054	.071	.052	.038	.041	.031	.023	.013	.010	.007	
6.0	.112	.077	.052	.096	.067	.045	.066	.047	.032	.038	.027	.019	.012	.009	.006	
7.0	.105	.069	.044	.090	.060	.039	.062	.042	.027	.036	.025	.016	.012	.008	.005	
8.0	.099	.063	.038	.085	.054	.033	.059	.038	.023	.034	.023	.014	.011	.007	.005	
9.0	.094	.057	.033	.081	.050	.029	.056	.035	.020	.033	.021	.012	.011	.007	.004	
10.0	.089	.053	.029	.077	.046	.025	.053	.032	.018	.031	.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:0.0655A P:12.86W PF:0.8999 Lamp Flux:980.069x1 lm										
NAME: S68S1-11W-940-M					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	14.3	15.1	14.5	15.3	15.4	13.8	14.7	14.1	14.8	15.0
3H	14.1	14.9	14.4	15.1	15.3	13.7	14.4	13.9	14.6	14.8
4H	14.0	14.8	14.3	15.0	15.2	13.6	14.3	13.9	14.5	14.7
6H	14.0	14.6	14.3	14.9	15.1	13.5	14.2	13.8	14.4	14.7
8H	13.9	14.6	14.2	14.8	15.1	13.5	14.1	13.8	14.4	14.6
12H	13.9	14.5	14.2	14.8	15.0	13.4	14.0	13.7	14.3	14.6
4H 2H	14.1	14.8	14.3	15.0	15.2	13.6	14.3	13.9	14.5	14.7
3H	13.9	14.5	14.2	14.8	15.0	13.4	14.0	13.7	14.3	14.6
4H	13.8	14.3	14.1	14.6	14.9	13.3	13.9	13.7	14.2	14.5
6H	13.7	14.2	14.1	14.5	14.9	13.2	13.7	13.6	14.0	14.4
8H	13.6	14.1	14.0	14.4	14.8	13.2	13.6	13.6	14.0	14.3
12H	13.6	14.0	14.0	14.4	14.8	13.1	13.5	13.5	13.9	14.3
8H 4H	13.6	14.1	14.0	14.4	14.8	13.2	13.6	13.6	14.0	14.3
6H	13.5	13.9	13.9	14.3	14.7	13.1	13.4	13.5	13.8	14.2
8H	13.5	13.8	13.9	14.2	14.7	13.0	13.3	13.5	13.8	14.2
12H	13.4	13.7	13.9	14.1	14.6	12.9	13.2	13.4	13.7	14.1
12H 4H	13.6	14.0	14.0	14.4	14.8	13.1	13.5	13.5	13.9	14.3
6H	13.5	13.8	13.9	14.2	14.7	13.0	13.3	13.4	13.8	14.2
8H	13.4	13.7	13.9	14.1	14.6	12.9	13.2	13.4	13.7	14.1
Variations with the observer position at spacings:										
S = 1.0H	+ 2.7 / -22.2					+ 2.7 / -21.2				
1.5H	+ 5.2 / -17.8					+ 5.2 / -16.5				
2.0H	+ 6.3 / -13.1					+ 6.2 / -13.2				

CIE Pub.117 Corrected 980.1 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:0.0655A P:12.86W PF:0.8999 Lamp Flux:980.069x1 lm		
NAME: S68S1-11W-940-M	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	80	89	84	80	89	83	80	77
0.80	97	92	88	96	91	88	95	91	88	84
1.00	101	96	92	100	95	92	99	95	92	88
1.25	105	100	97	104	99	96	102	98	96	92
1.50	107	103	100	106	102	99	104	101	98	94
2.00	110	106	103	108	105	102	105	103	100	95
2.50	111	108	105	109	106	104	106	104	102	96
3.00	112	109	107	111	108	106	107	105	103	97
4.00	114	112	110	112	110	108	109	107	106	99
5.00	116	113	112	113	112	110	109	108	107	100
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNM = 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
 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:0.0655A P:12.86W PF:0.8999 Lamp Flux:980.069x1 lm		
NAME: S68S1-11W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L78mm*W78mm*H98mm	
MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

970.76 lm

%lum = 99.1%

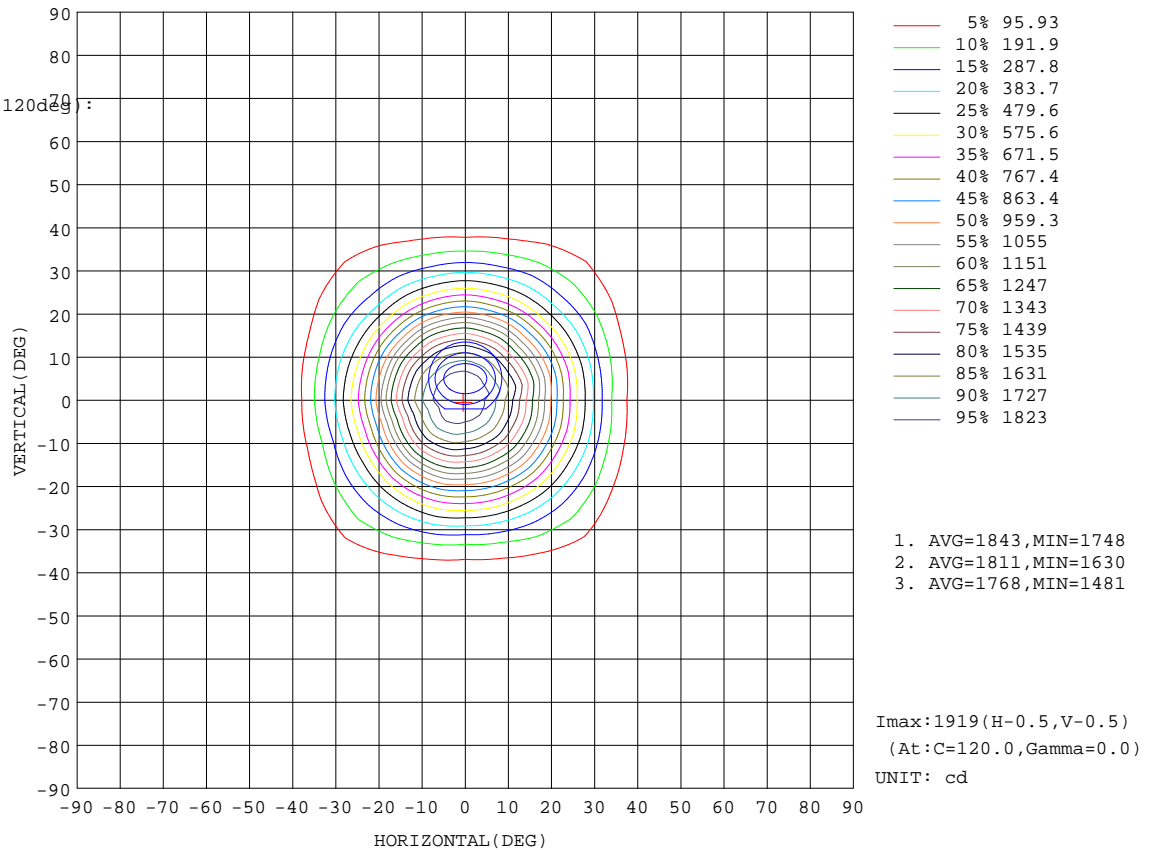
%lamp = 99.1%

Conical surface Flux(120deg):

979.57 lm

%lum = 99.9%

%lamp = 99.9%



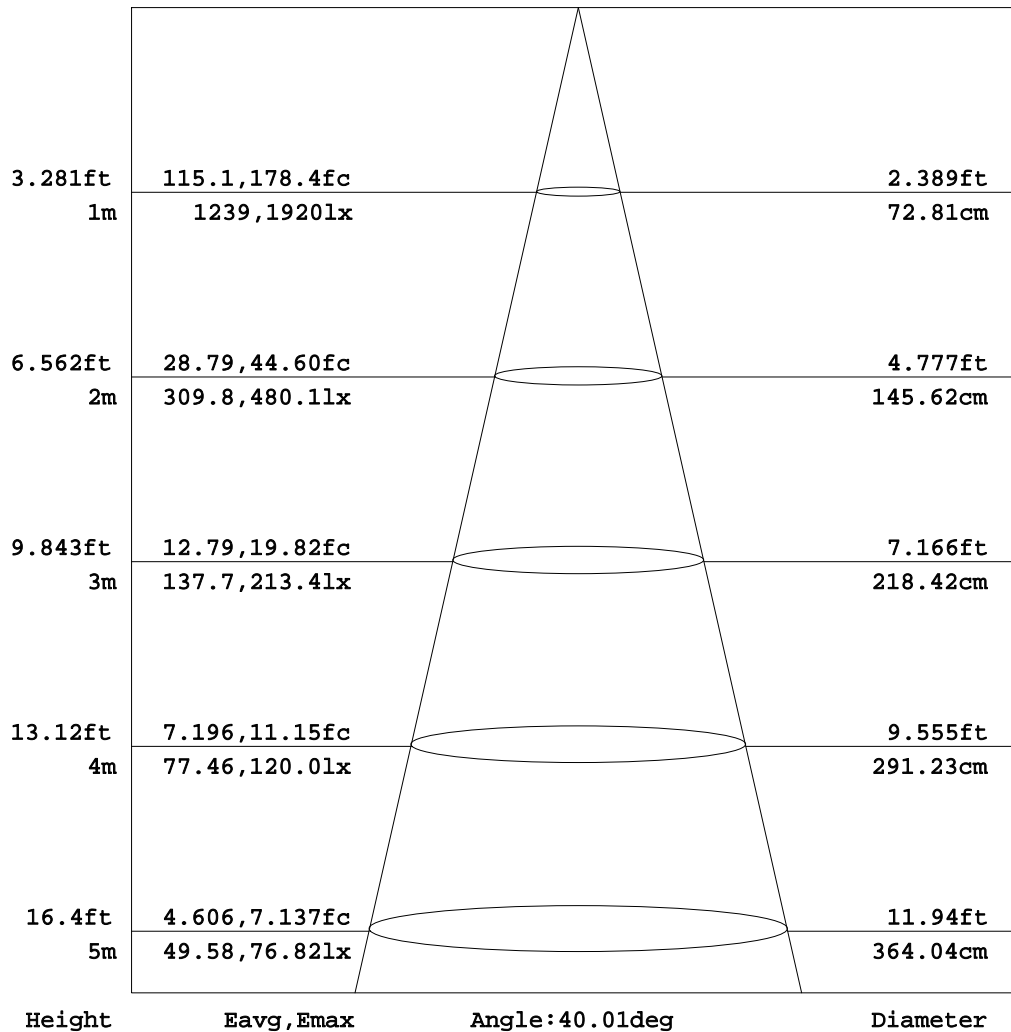
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-08-11

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:0.0655A P:12.86W PF:0.8999 Lamp Flux:980.069x1 lm		
NAME: S68S1-11W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L78mm*W78mm*H98mm	
MFR.: NEKO LIGHTING AG		

Flux out:573.7 lm



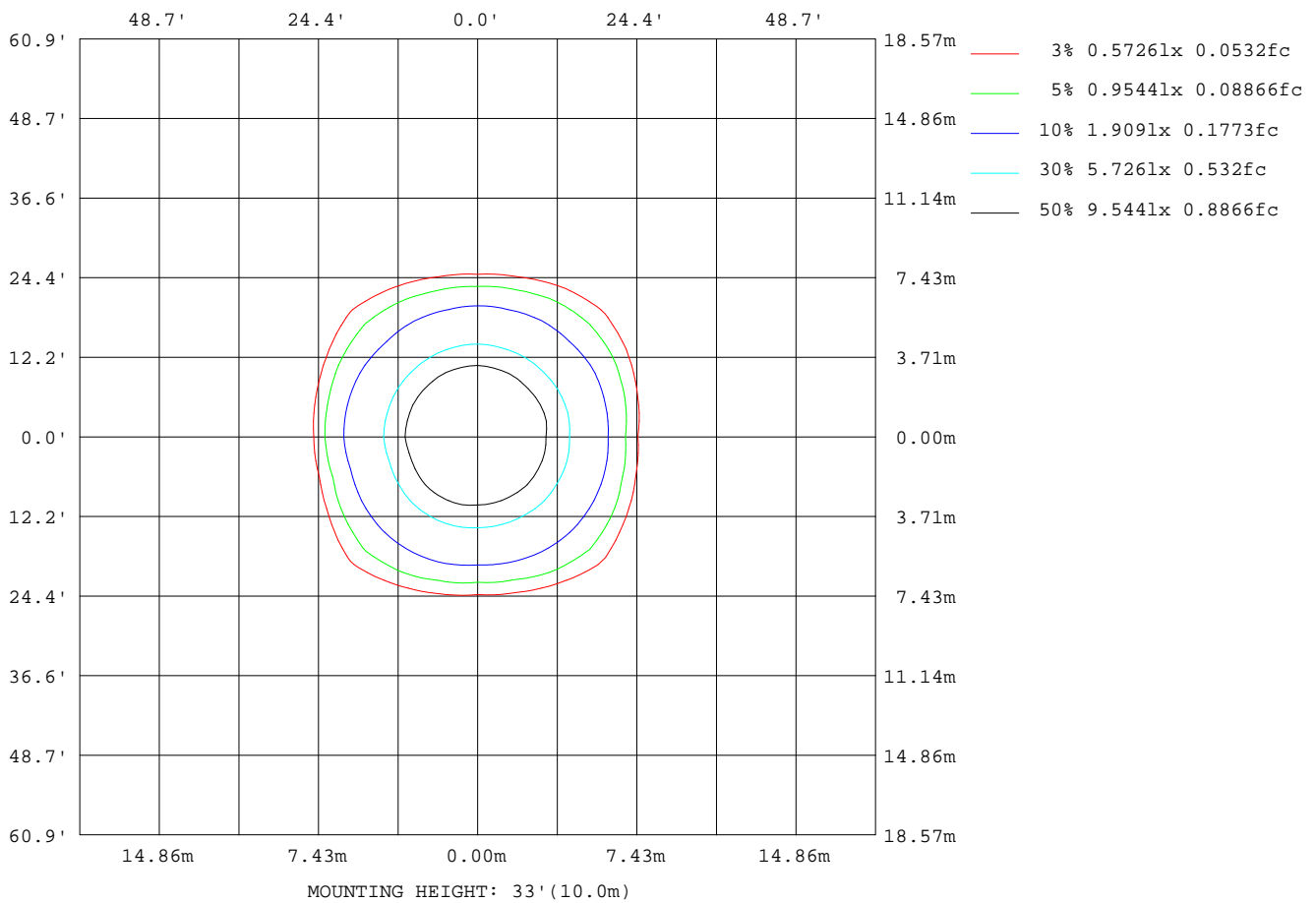
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

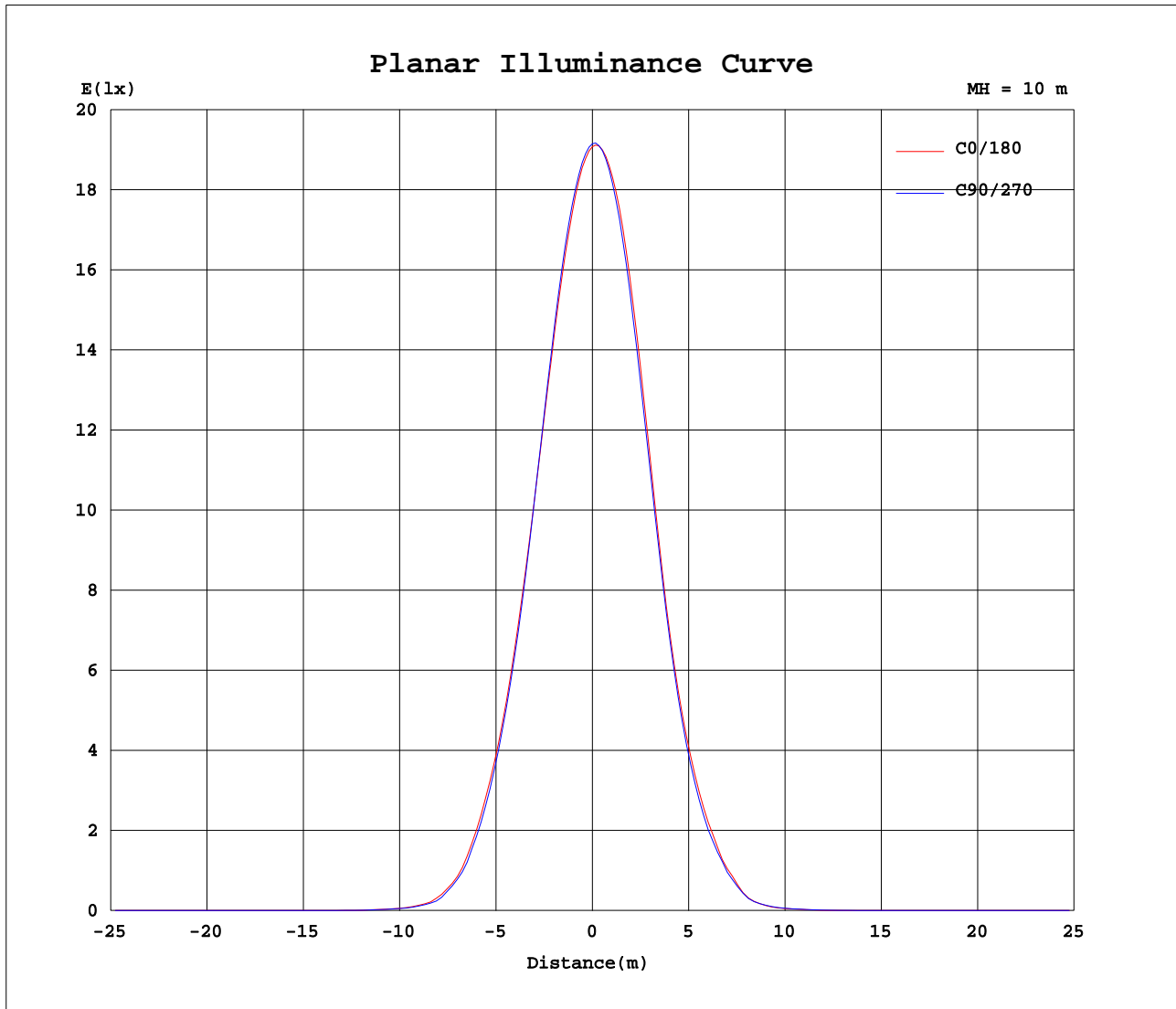
Test:U:220.6V I:0.0655A P:12.86W PF:0.8999 Lamp Flux:980.069x1 lm		
NAME: S68S1-11W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L78mm*W78mm*H98mm	
MFR.: NEKO LIGHTING AG		



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:

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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	1908	1910	1911	1913	1912	1914	1915	1919	1920	1918
3.0	1863	1866	1866	1870	1868	1871	1875	1887	1896	1903
6.0	1769	1775	1774	1781	1779	1785	1790	1811	1825	1842
9.0	1640	1642	1639	1650	1645	1652	1661	1691	1707	1730
12.0	1473	1477	1471	1485	1478	1483	1490	1526	1547	1573
15.0	1284	1294	1287	1293	1279	1286	1291	1326	1348	1372
18.0	1083	1093	1089	1094	1075	1073	1074	1111	1126	1142
21.0	880.6	890.9	885.4	889.4	868.1	861.0	859.1	889.3	902.4	913.2
24.0	688.1	700.6	691.8	694.7	676.2	669.7	668.3	687.6	698.2	703.2
27.0	520.5	530.3	520.2	520.9	504.1	497.8	494.2	517.7	519.5	520.5
30.0	368.6	380.8	378.8	378.3	367.9	350.9	340.7	366.6	378.0	378.9
33.0	231.2	247.5	266.8	270.3	260.3	230.4	205.4	239.7	267.3	276.2
36.0	128.9	145.0	177.5	196.1	169.3	130.6	117.2	137.7	177.3	202.1
39.0	65.58	78.45	103.3	133.7	98.92	64.39	51.21	66.51	105.1	140.9
42.0	32.17	36.72	61.29	78.13	53.80	32.63	27.91	33.01	58.15	84.15
45.0	16.24	18.10	29.83	45.81	27.25	16.49	14.75	16.36	26.70	49.98
48.0	8.897	10.09	14.19	28.08	13.22	9.247	7.680	8.895	12.75	26.40
51.0	2.507	3.684	7.574	11.99	6.982	3.352	2.377	3.076	6.537	10.07
54.0	0.9813	1.178	2.676	4.647	2.500	1.230	0.9140	1.171	2.245	4.301
57.0	0.7438	0.6513	0.8868	1.866	0.8983	0.7167	0.7354	0.7145	0.8389	1.463
60.0	0.5104	0.4956	0.5470	0.7189	0.5515	0.4692	0.4209	0.4474	0.5407	0.6210
63.0	0.3479	0.3038	0.4269	0.6158	0.3745	0.3016	0.3281	0.2929	0.3330	0.5852
66.0	0.3150	0.2930	0.3892	0.3823	0.3388	0.2688	0.2736	0.2556	0.3104	0.3301
69.0	0.1755	0.2160	0.3957	0.3433	0.3520	0.1899	0.1600	0.1745	0.3258	0.3283
72.0	0.0810	0.0503	0.1852	0.3299	0.1437	0.0699	0.0984	0.0634	0.0979	0.3317
75.0	0.0700	0.0503	0.0634	0.0568	0.0744	0.0634	0.0897	0.0634	0.0744	0.0503
78.0	0.0634	0.0503	0.0590	0.0503	0.0722	0.0590	0.0831	0.0568	0.0678	0.0503
81.0	0.0547	0.0503	0.0525	0.0503	0.0699	0.0503	0.0701	0.0503	0.0678	0.0503
84.0	0.0547	0.0503	0.0503	0.0503	0.0569	0.0503	0.0569	0.0503	0.0547	0.0503
87.0	0.0525	0.0503	0.0503	0.0503	0.0503	0.0503	0.0525	0.0525	0.0503	0.0503
90.0	0.0503	0.0503	0.0503	0.0503	0.0503	0.0503	0.0525	0.0525	0.0503	0.0503

G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	1914	1913	1908	1910	1911	1913	1912	1914	1915	1919
3.0	1900	1896	1907	1907	1909	1908	1908	1905	1905	1901
6.0	1838	1833	1861	1859	1860	1853	1854	1847	1845	1835
9.0	1728	1721	1768	1760	1758	1747	1747	1738	1736	1722
12.0	1567	1556	1616	1606	1607	1591	1590	1578	1577	1558
15.0	1362	1352	1416	1406	1406	1389	1390	1377	1378	1355
18.0	1128	1120	1181	1169	1173	1157	1162	1149	1152	1132
21.0	897.6	887.4	934.8	928.2	929.5	912.8	921.3	911.9	915.1	901.8
24.0	686.8	683.1	722.4	713.9	710.3	698.9	698.0	693.9	699.6	687.5
27.0	507.8	517.1	546.9	534.8	522.3	510.5	516.4	510.7	517.9	510.5
30.0	372.7	370.9	396.0	393.2	382.3	365.4	373.4	363.6	367.2	366.3
33.0	267.9	247.0	269.1	276.1	280.2	266.6	264.6	246.9	248.0	251.2
36.0	175.6	146.2	162.4	167.1	187.8	198.2	179.9	151.3	146.6	152.6
39.0	107.1	69.84	67.39	83.25	115.2	140.8	112.8	78.58	64.83	80.94
42.0	58.72	32.63	30.77	35.65	67.60	88.44	66.78	36.10	32.35	37.06
45.0	25.41	15.80	15.43	16.42	29.14	52.51	30.88	17.44	16.71	18.19
48.0	12.00	8.833	8.373	9.334	12.96	29.82	14.44	9.947	9.347	10.40
51.0	6.460	2.685	2.550	3.516	7.089	10.73	7.745	4.080	3.445	4.193
54.0	2.044	1.026	0.9984	1.185	2.843	4.469	3.171	1.453	1.151	1.451
57.0	0.7834	0.7799	0.7861	0.7787	0.9743	1.867	1.072	0.7678	0.7557	0.7088
60.0	0.5933	0.4846	0.4713	0.5124	0.5742	0.7320	0.5568	0.5124	0.4624	0.4904
63.0	0.3615	0.3410	0.3387	0.3477	0.3802	0.7087	0.3669	0.3128	0.3059	0.3107
66.0	0.3302	0.2838	0.2727	0.2998	0.3644	0.4118	0.3329	0.2909	0.2599	0.2952
69.0	0.3281	0.1615	0.1283	0.1753	0.3230	0.3324	0.3304	0.2058	0.1417	0.2167
72.0	0.0739	0.0525	0.0611	0.0656	0.1084	0.3286	0.1711	0.0569	0.0480	0.0593
75.0	0.0656	0.0525	0.0480	0.0547	0.0306	0.0552	0.0328	0.0503	0.0371	0.0525
78.0	0.0634	0.0525	0.0350	0.0481	0.0306	0.0437	0.0284	0.0437	0.0306	0.0438
81.0	0.0547	0.0525	0.0350	0.0459	0.0284	0.0415	0.0284	0.0394	0.0306	0.0372
84.0	0.0525	0.0525	0.0350	0.0394	0.0284	0.0372	0.0284	0.0350	0.0306	0.0328
87.0	0.0525	0.0525	0.0350	0.0393	0.0284	0.0328	0.0284	0.0306	0.0284	0.0306
90.0	0.0525	0.0525	0.0350	0.0306	0.0284	0.0284	0.0284	0.0284	0.0284	0.0262

G/C	300.0	315.0	330.0	345.0
0.0	1920	1918	1914	1913
3.0	1899	1889	1883	1887
6.0	1830	1814	1809	1814
9.0	1716	1695	1688	1699
12.0	1552	1528	1527	1544
15.0	1351	1327	1335	1349
18.0	1132	1111	1124	1136
21.0	904.8	892.8	909.5	915.2

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	694.7	693.8	707.9	709.0
27.0	515.2	515.5	529.7	534.6
30.0	377.6	372.2	385.1	385.4
33.0	270.4	269.2	277.2	253.5
36.0	184.6	195.4	186.1	154.7
39.0	115.2	136.5	115.2	79.69
42.0	69.59	91.15	67.86	37.45
45.0	32.54	53.51	31.67	18.20
48.0	15.61	33.29	14.78	10.10
51.0	8.435	13.31	7.960	3.388
54.0	3.449	5.308	2.939	1.213
57.0	1.070	2.176	1.002	0.7087
60.0	0.5417	0.9264	0.5681	0.5123
63.0	0.3777	0.8354	0.4258	0.3173
66.0	0.3369	0.5387	0.3854	0.3083
69.0	0.3498	0.4003	0.3541	0.2277
72.0	0.2410	0.3938	0.2236	0.0659
75.0	0.0284	0.0716	0.0306	0.0547
78.0	0.0284	0.0459	0.0306	0.0438
81.0	0.0241	0.0394	0.0284	0.0416
84.0	0.0241	0.0350	0.0262	0.0372
87.0	0.0241	0.0306	0.0262	0.0328
90.0	0.0241	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: