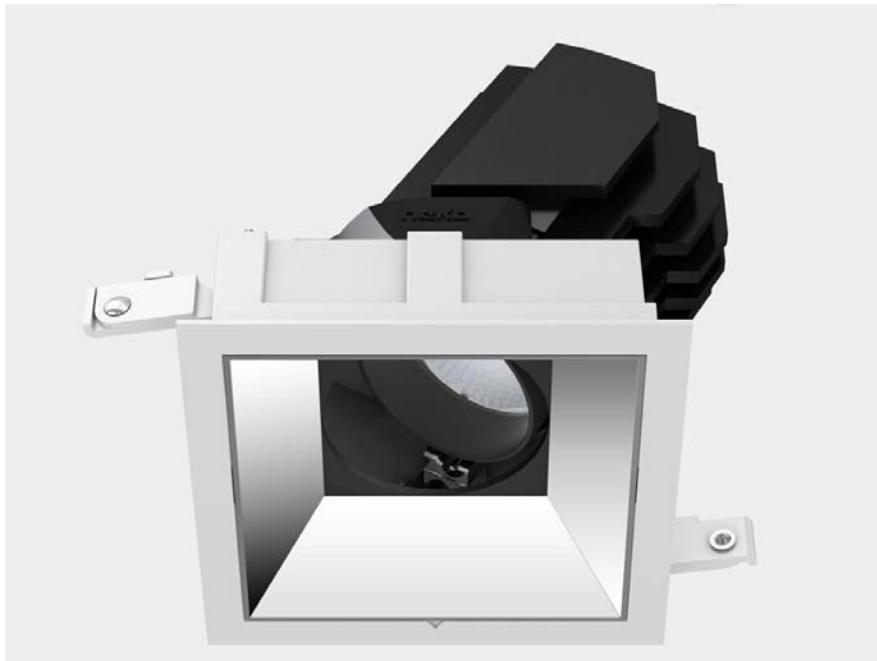


LED Downlight SENSE Series S125S1-18W-940-M



Light Output Ratio:	100.0%	
Luminaire Power:	19.86 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.60	fine grid method.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-07-17

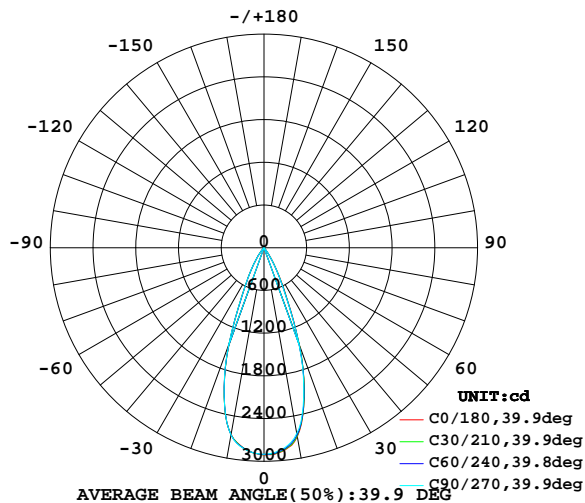
$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

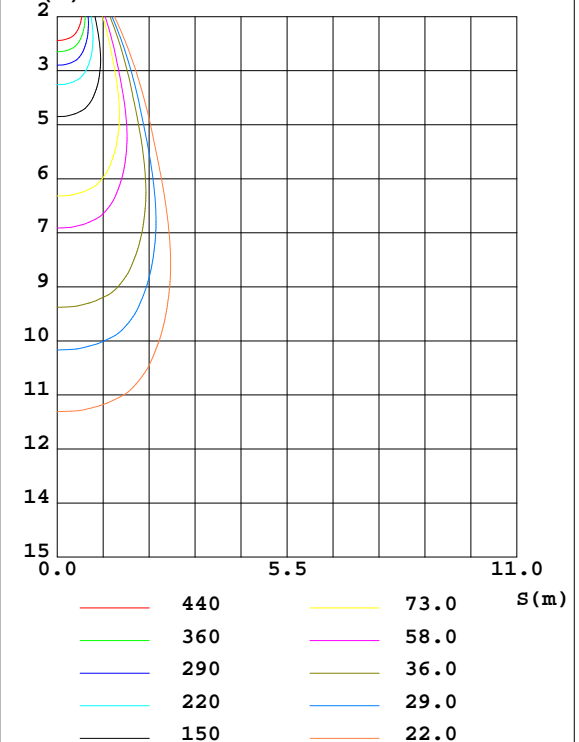
Test:U:220.7V I:0.0948A P:19.86W PF:0.9512 Lamp Flux:1318.18x1 lm		
NAME: S125S1-18W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L135mm*W135mm*H157mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 66.39 lm/W			
MODEL	CITIZEN-4000K	I <sub>max</sub> (cd)	2911	S/MH(C0/180)	0.61
NOMINAL POWER(W)	21	LOR(%)	100.0	S/MH(C90/270)	0.61
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	1318.2	η UP,DN(C0-180)	0.0,49.6
NOMINAL FLUX(lm)	1318.18	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.4
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	0.60

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



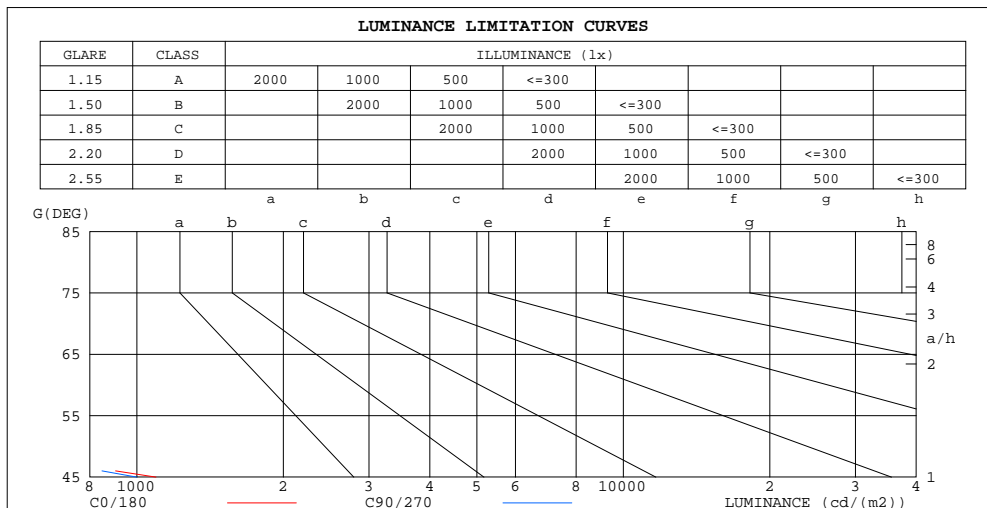
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-07-17

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:**

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum, lamp
10	2693	2688	2651	2640	2664	2660	2670	2668	0- 10	266.7	266.7	20.2,20.2
20	1454	1469	1436	1443	1436	1409	1443	1441	10- 20	585.3	851.9	64.6,64.6
30	348.8	326.3	320.3	350.5	369.4	362.3	370.9	369.7	20- 30	344.7	1197	90.8,90.8
40	43.40	40.43	36.79	51.75	60.41	66.04	58.22	55.23	30- 40	101.5	1298	98.5,98.5
50	5.925	8.619	5.696	8.794	6.338	9.726	6.337	9.100	40- 50	16.17	1314	99.7,99.7
60	0.7551	1.735	0.7375	1.899	0.9348	1.768	0.8343	1.803	50- 60	3.326	1318	100,100
70	0.1380	0.1245	0.1228	0.1616	0.1328	0.1553	0.1174	0.1401	60- 70	0.4097	1318	100,100
80	0.0613	0.0481	0.0568	0.0591	0.0634	0.0569	0.0437	0.0481	70- 80	0.0736	1318	100,100
90	0.0612	0.0525	0.0568	0.0612	0.0547	0.0503	0.0437	0.0437	80- 90	0.0588	1318	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	39	36
80	19	18
75	14	13
70	22	20
65	28	27
60	83	81
55	270	258
50	506	486
45	1094	999

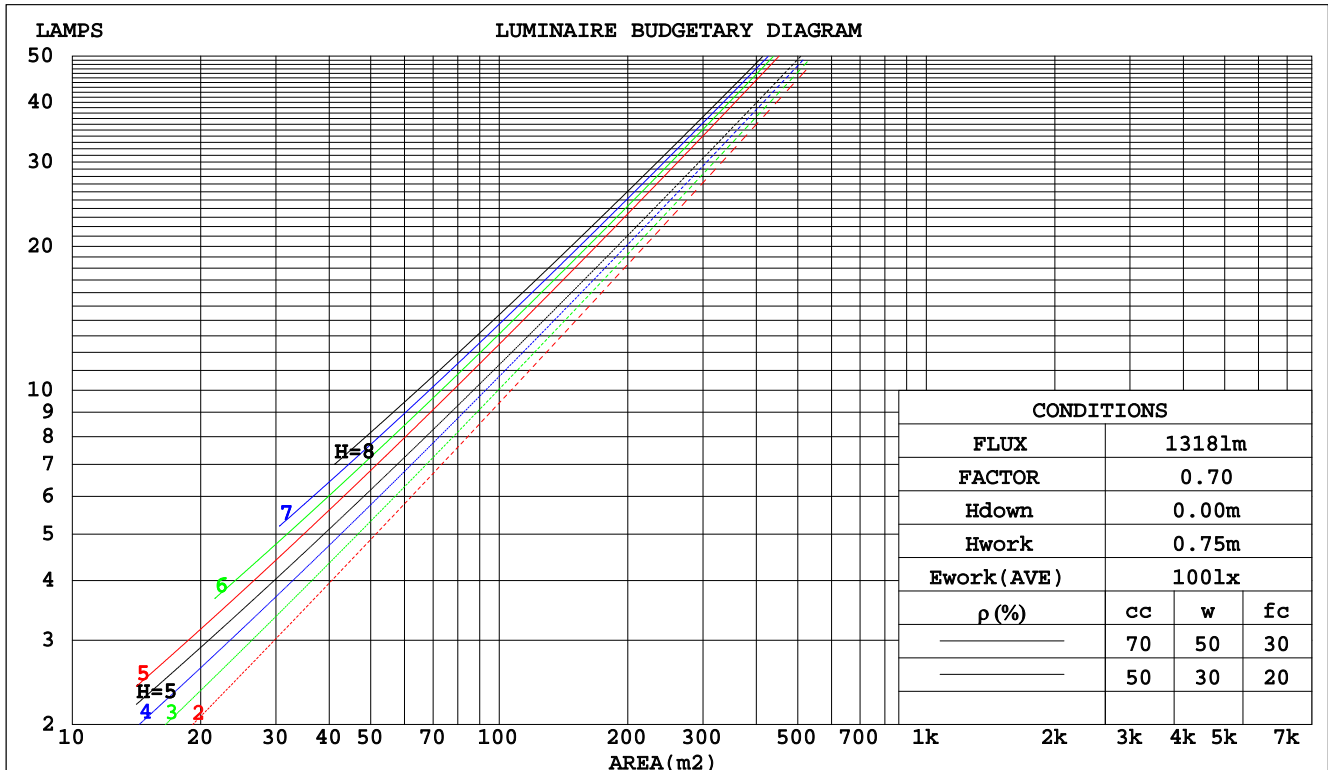
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-07-17

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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:220.7V I:0.0948A P:19.86W PF:0.9512 Lamp Flux:1318.18x1 lm		
NAME: S125S1-18W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L135mm*W135mm*H157mm	
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	1.05	1.03	1.02	1.01	1.00	.99	.98	.97	.96
2.0	1.06	1.03	.00	1.04	1.01	.99	1.01	.99	.97	.98	.96	.95	.96	.94	.93	.91
3.0	1.01	.96	.93	.99	.95	.92	.97	.94	.91	.94	.92	.90	.92	.90	.88	.87
4.0	.96	.91	.88	.95	.90	.87	.93	.89	.86	.91	.88	.85	.89	.86	.84	.83
5.0	.91	.86	.83	.90	.86	.83	.89	.85	.82	.87	.84	.81	.86	.83	.81	.79
6.0	.87	.82	.79	.86	.82	.79	.85	.81	.78	.84	.80	.78	.83	.79	.77	.76
7.0	.83	.79	.75	.83	.78	.75	.82	.78	.75	.81	.77	.74	.80	.76	.74	.73
8.0	.80	.75	.72	.79	.75	.72	.78	.74	.71	.78	.74	.71	.77	.73	.71	.70
9.0	.77	.72	.69	.76	.72	.69	.76	.71	.68	.75	.71	.68	.74	.71	.68	.67
10.0	.74	.69	.66	.73	.69	.66	.73	.69	.66	.72	.68	.66	.71	.68	.65	.64



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-07-17

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:220.7V I:0.0948A P:19.86W PF:0.9512 Lamp Flux:1318.18x1 lm		
NAME: S125S1-18W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L135mm*W135mm*H157mm	
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	.152	.086	.027	.145	.083	.026	.132	.076	.024	.121	.070	.022	.110	.064	.021		
2.0	.142	.078	.024	.137	.075	.023	.127	.070	.022	.117	.066	.021	.108	.061	.019		
3.0	.134	.071	.021	.130	.069	.021	.121	.065	.020	.113	.062	.019	.105	.058	.018		
4.0	.127	.066	.019	.123	.064	.019	.116	.061	.018	.109	.058	.018	.102	.056	.017		
5.0	.121	.061	.018	.117	.060	.018	.111	.058	.017	.105	.055	.016	.099	.053	.016		
6.0	.115	.058	.016	.112	.057	.016	.106	.055	.016	.101	.053	.015	.096	.051	.015		
7.0	.110	.054	.015	.107	.053	.015	.102	.052	.015	.098	.050	.015	.093	.049	.014		
8.0	.105	.051	.014	.103	.051	.014	.098	.049	.014	.094	.048	.014	.091	.047	.014		
9.0	.101	.049	.014	.099	.048	.014	.095	.047	.013	.091	.046	.013	.088	.045	.013		
10.0	.097	.046	.013	.095	.046	.013	.092	.045	.013	.088	.044	.012	.085	.043	.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	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.152	.133	.116	.130	.114	.100	.089	.079	.070	.052	.046	.041	.017	.015	.013	
3.0	.138	.113	.094	.119	.098	.081	.081	.068	.057	.047	.040	.034	.015	.013	.011	
4.0	.127	.098	.077	.109	.085	.066	.075	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.117	.086	.064	.100	.075	.055	.069	.052	.039	.040	.031	.023	.013	.010	.008	
6.0	.109	.077	.053	.094	.066	.046	.065	.046	.033	.037	.027	.020	.012	.009	.006	
7.0	.102	.069	.045	.088	.059	.040	.060	.042	.028	.035	.025	.017	.011	.008	.006	
8.0	.096	.062	.039	.082	.054	.034	.057	.038	.024	.033	.022	.014	.011	.007	.005	
9.0	.090	.057	.034	.078	.049	.030	.054	.035	.021	.031	.020	.012	.010	.007	.004	
10.0	.086	.052	.030	.074	.045	.026	.051	.032	.018	.030	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-07-17

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:220.7V I:0.0948A P:19.86W PF:0.9512 Lamp Flux:1318.18x1 lm										
NAME: S125S1-18W-940-M					TYPE:Downlight			SERIAL No.:		
SPEC.:4000K					DIM.: L135mm*W135mm*H157mm					
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	7.3	8.1	7.5	8.2	8.4	6.6	7.4	6.8	7.5	7.7
3H	7.2	7.9	7.4	8.1	8.2	6.5	7.2	6.7	7.4	7.6
4H	7.1	7.7	7.3	8.0	8.2	6.4	7.1	6.7	7.3	7.5
6H	7.0	7.6	7.3	7.9	8.1	6.3	6.9	6.6	7.2	7.4
8H	6.9	7.6	7.2	7.8	8.1	6.3	6.9	6.6	7.1	7.4
12H	6.9	7.5	7.2	7.7	8.0	6.2	6.8	6.5	7.1	7.3
4H 2H	7.1	7.7	7.3	8.0	8.2	6.4	7.1	6.7	7.3	7.5
3H	6.9	7.5	7.2	7.7	8.0	6.2	6.8	6.5	7.1	7.3
4H	6.8	7.3	7.1	7.6	7.9	6.1	6.7	6.5	6.9	7.3
6H	6.7	7.2	7.1	7.5	7.8	6.0	6.5	6.4	6.8	7.2
8H	6.7	7.1	7.0	7.4	7.8	6.0	6.4	6.4	6.8	7.1
12H	6.6	7.0	7.0	7.4	7.8	5.9	6.3	6.3	6.7	7.1
8H 4H	6.7	7.1	7.0	7.4	7.8	6.0	6.4	6.4	6.8	7.1
6H	6.5	6.9	7.0	7.3	7.7	5.9	6.2	6.3	6.6	7.0
8H	6.5	6.8	6.9	7.2	7.7	5.8	6.1	6.2	6.5	7.0
12H	6.4	6.7	6.9	7.1	7.6	5.7	6.0	6.2	6.5	6.9
12H 4H	6.6	7.0	7.0	7.4	7.8	5.9	6.3	6.3	6.7	7.1
6H	6.5	6.8	6.9	7.2	7.7	5.8	6.1	6.2	6.5	7.0
8H	6.4	6.7	6.9	7.1	7.6	5.7	6.0	6.2	6.5	6.9
Variations with the observer position at spacings:										
S = 1.0H	+ 4.3 / -14.5					+ 4.1 / -13.9				
1.5H	+ 6.7 / - 9.3					+ 6.4 / - 8.5				
2.0H	+ 5.6 / -12.4					+ 5.3 / -11.9				

CIE Pub.117 Corrected 1318 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.0)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-07-17

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:220.7V I:0.0948A P:19.86W PF:0.9512 Lamp Flux:1318.18x1 lm		
NAME: S125S1-18W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L135mm*W135mm*H157mm	
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	91	85	81	90	85	81	89	84	81	78
0.80	98	92	89	97	92	89	96	91	89	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	108	103	100	106	103	100	104	101	99	95
2.00	110	106	103	108	105	102	106	103	101	96
2.50	111	108	105	110	107	104	107	104	102	97
3.00	113	110	107	111	108	106	108	105	104	98
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:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-07-17

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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:220.7V I:0.0948A P:19.86W PF:0.9512 Lamp Flux:1318.18x1 lm		
NAME: S125S1-18W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L135mm*W135mm*H157mm	
MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

1309.7 lm

%lum = 99.4%

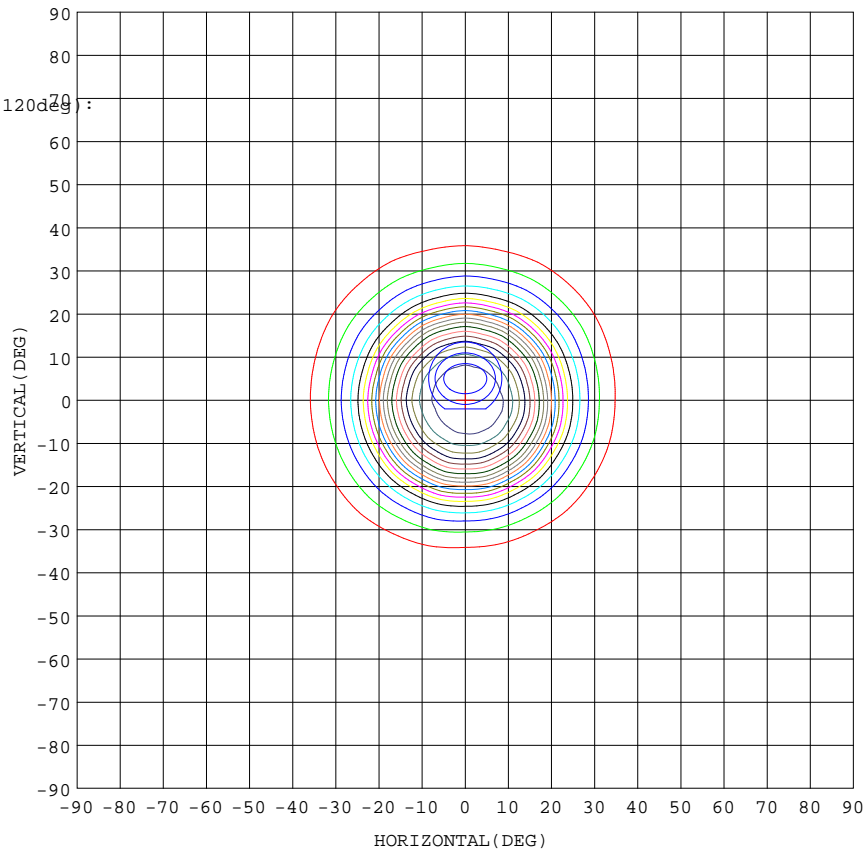
%lamp = 99.4%

Conical surface Flux(120deg):

1317.6 lm

%lum = 100.0%

%lamp = 100.0%



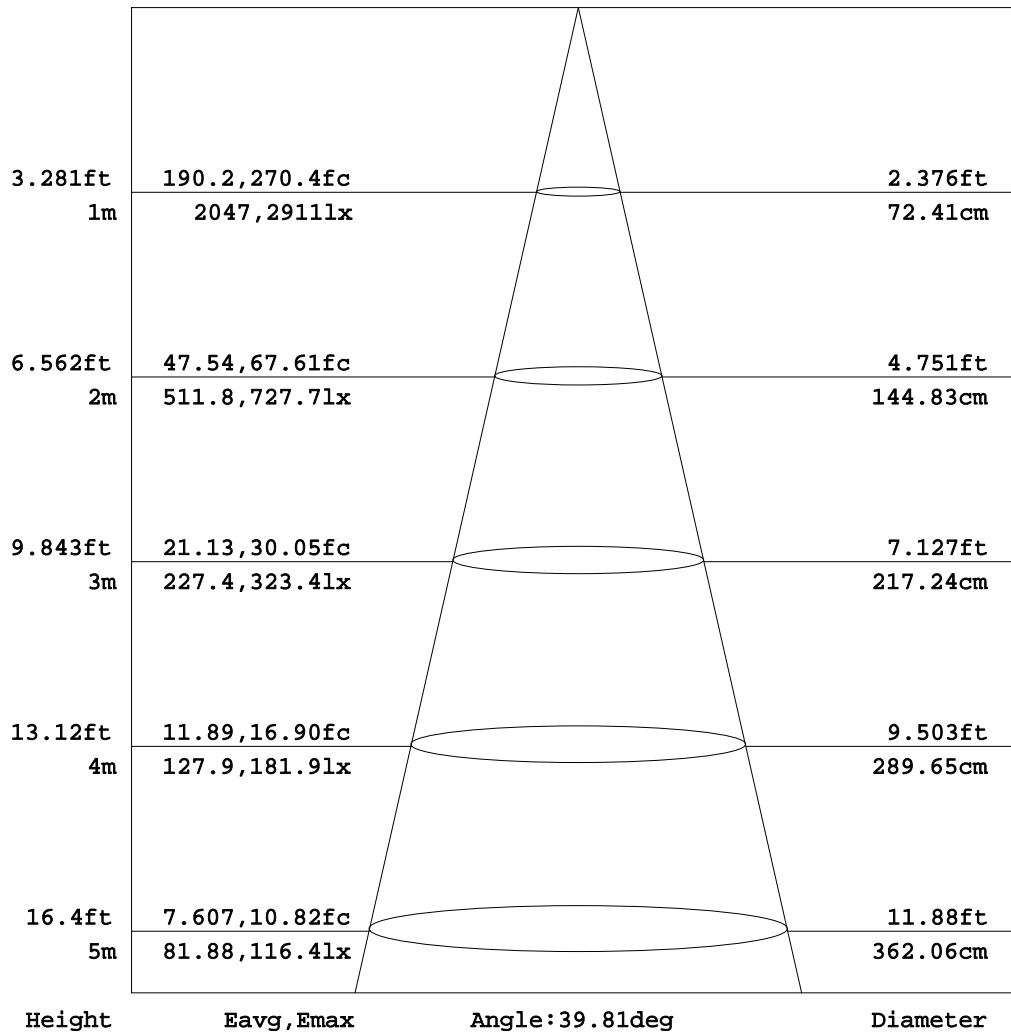
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-07-17

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:220.7V I:0.0948A P:19.86W PF:0.9512 Lamp Flux:1318.18x1 lm		
NAME: S125S1-18W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L135mm*W135mm*H157mm	
MFR.: NEKO LIGHTING AG		

Flux out:851.9 lm



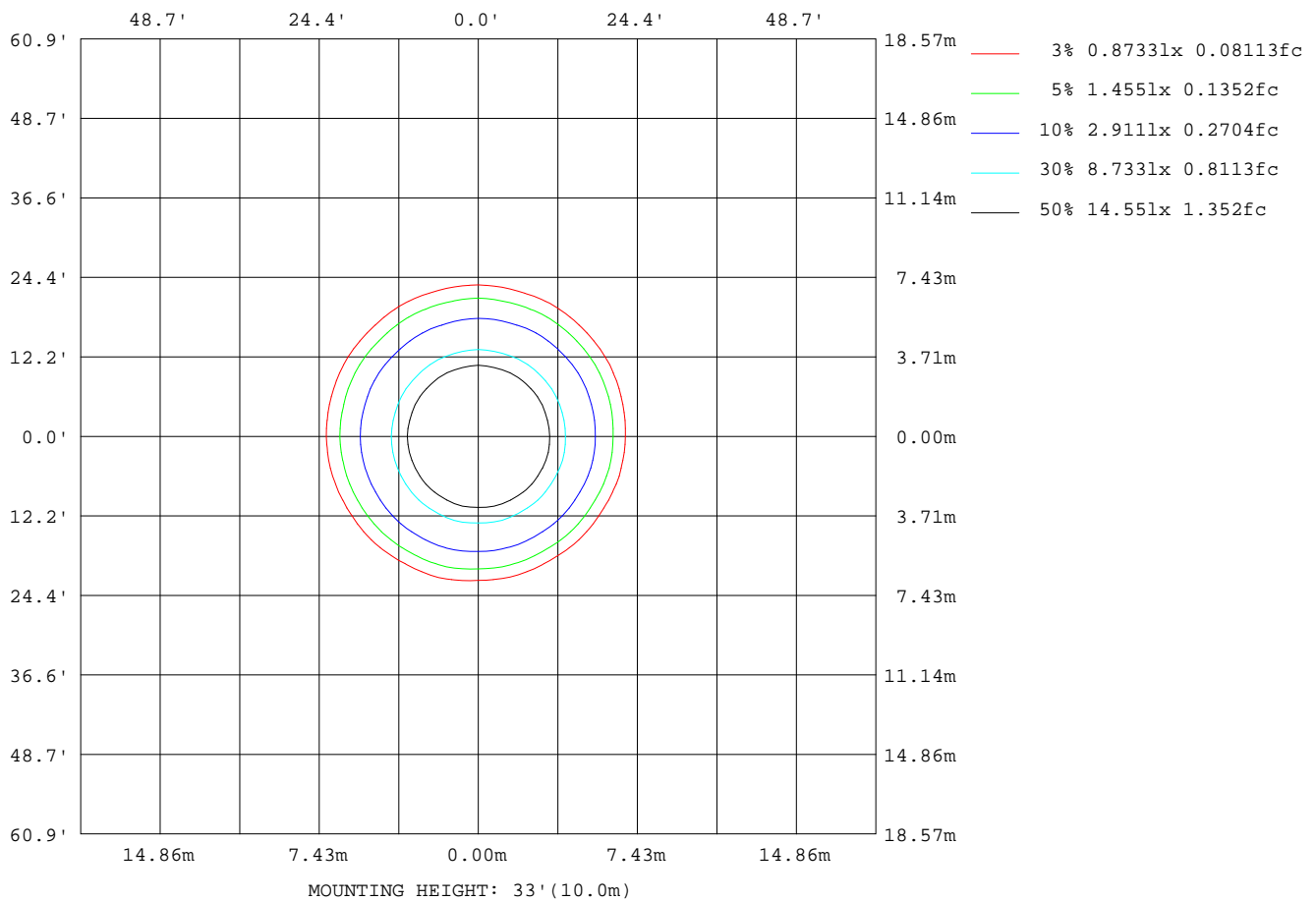
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-07-17

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

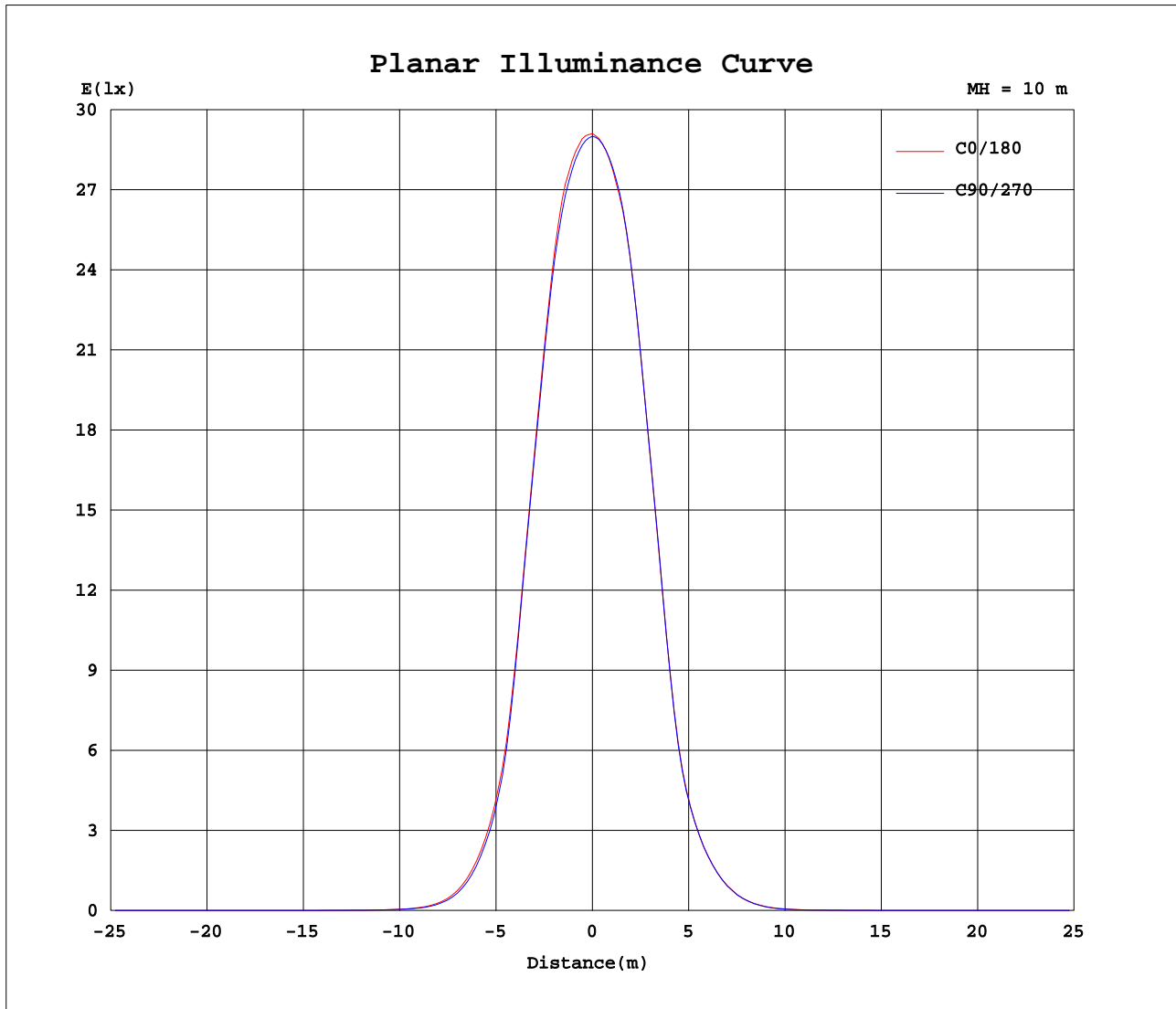
Test:U:220.7V I:0.0948A P:19.86W PF:0.9512 Lamp Flux:1318.18x1 lm		
NAME: S125S1-18W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L135mm*W135mm*H157mm	
MFR.: NEKO LIGHTING AG		



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-07-17

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: 2017-07-17

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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	2911	2908	2906	2905	2903	2902	2900	2900	2899	2898
3.0	2903	2900	2897	2898	2890	2885	2879	2879	2873	2872
6.0	2855	2853	2847	2846	2837	2830	2820	2817	2811	2810
9.0	2757	2763	2746	2744	2729	2726	2710	2710	2695	2698
12.0	2531	2538	2521	2531	2515	2521	2501	2508	2489	2496
15.0	2186	2204	2184	2195	2175	2183	2159	2184	2152	2156
18.0	1772	1796	1777	1795	1772	1784	1753	1780	1749	1752
21.0	1284	1306	1277	1298	1271	1289	1262	1295	1266	1281
24.0	834.3	843.2	816.7	820.5	799.4	812.4	797.8	828.2	812.3	828.3
27.0	545.3	544.0	523.9	523.6	507.8	513.9	506.0	528.5	524.8	534.3
30.0	348.8	346.6	327.2	326.3	316.4	322.9	320.3	340.9	341.2	350.5
33.0	206.2	202.0	187.3	184.2	177.1	182.9	182.8	200.4	203.8	217.2
36.0	110.3	106.7	97.99	95.60	92.13	94.89	95.61	107.9	113.1	124.9
39.0	55.20	54.31	50.84	49.79	47.03	47.76	46.96	53.88	59.55	64.72
42.0	27.22	28.06	28.23	27.99	26.33	24.89	23.32	26.64	30.24	33.55
45.0	14.10	15.51	16.70	17.10	15.81	14.17	12.87	14.76	16.94	18.73
48.0	7.823	8.868	10.41	11.31	10.05	8.498	7.590	8.819	10.43	11.62
51.0	5.374	5.493	6.514	7.476	6.325	5.349	5.164	5.458	6.599	7.661
54.0	3.432	3.721	4.109	4.783	4.080	3.649	3.300	3.739	4.173	5.045
57.0	1.826	2.058	2.611	2.990	2.644	2.010	1.736	2.089	2.716	3.175
60.0	0.7551	0.9268	1.359	1.735	1.366	0.9247	0.7375	1.001	1.469	1.899
63.0	0.2371	0.2639	0.5537	0.8112	0.5711	0.2616	0.2284	0.3160	0.6717	0.9270
66.0	0.2034	0.1770	0.1909	0.2791	0.1910	0.1683	0.1969	0.1814	0.2350	0.3621
69.0	0.1642	0.1420	0.1575	0.1311	0.1597	0.1332	0.1554	0.1442	0.1772	0.1726
72.0	0.0700	0.0547	0.1053	0.0916	0.1031	0.0481	0.0656	0.0568	0.1185	0.1200
75.0	0.0656	0.0547	0.0547	0.0459	0.0525	0.0481	0.0612	0.0568	0.0590	0.0568
78.0	0.0634	0.0547	0.0525	0.0481	0.0503	0.0481	0.0569	0.0568	0.0590	0.0612
81.0	0.0612	0.0547	0.0525	0.0481	0.0481	0.0481	0.0568	0.0568	0.0590	0.0612
84.0	0.0612	0.0568	0.0525	0.0503	0.0481	0.0481	0.0568	0.0568	0.0590	0.0613
87.0	0.0612	0.0612	0.0525	0.0525	0.0481	0.0481	0.0568	0.0568	0.0590	0.0634
90.0	0.0612	0.0612	0.0525	0.0525	0.0481	0.0481	0.0568	0.0568	0.0590	0.0612

G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	2897	2893	2911	2908	2906	2905	2903	2902	2900	2900
3.0	2872	2869	2884	2883	2885	2878	2883	2881	2883	2883
6.0	2804	2805	2823	2818	2824	2823	2826	2822	2830	2827
9.0	2691	2698	2721	2713	2721	2717	2727	2723	2728	2719
12.0	2480	2487	2513	2496	2509	2496	2510	2497	2509	2487
15.0	2141	2144	2168	2147	2163	2147	2162	2148	2167	2143
18.0	1733	1739	1757	1729	1747	1732	1756	1738	1764	1737
21.0	1258	1265	1270	1242	1263	1238	1264	1246	1275	1244
24.0	812.5	817.6	827.9	805.1	816.3	790.4	805.6	791.9	817.8	802.0
27.0	533.0	541.1	548.8	540.1	543.0	531.1	537.4	532.3	545.6	540.9
30.0	353.6	361.9	369.4	367.1	371.3	362.3	367.3	362.5	370.9	364.8
33.0	221.4	230.7	239.1	239.3	243.2	233.6	237.9	232.0	238.3	229.1
36.0	127.3	137.3	143.2	143.4	146.5	141.2	146.0	137.6	141.0	132.9
39.0	68.46	72.65	76.27	78.50	82.14	79.50	80.89	74.95	73.76	70.77
42.0	35.46	36.33	36.31	38.59	43.44	42.25	42.33	36.34	34.34	33.96
45.0	18.92	17.92	17.24	18.62	22.80	22.62	21.67	17.24	16.04	16.61
48.0	11.03	9.640	8.697	9.782	12.51	13.31	12.16	9.421	8.515	9.130
51.0	6.832	5.724	5.565	5.764	7.383	8.344	7.220	5.757	5.636	5.608
54.0	4.271	3.953	3.782	3.943	4.515	5.196	4.450	3.904	3.704	3.821
57.0	2.832	2.270	2.068	2.241	2.883	3.190	2.876	2.123	1.930	2.079
60.0	1.561	1.095	0.9348	1.037	1.574	1.768	1.528	0.9577	0.8343	0.9359
63.0	0.6959	0.3682	0.2749	0.3341	0.6840	0.7982	0.6404	0.2988	0.2227	0.2857
66.0	0.2417	0.2054	0.2032	0.2100	0.1964	0.2962	0.1921	0.2034	0.1770	0.2034
69.0	0.1904	0.1573	0.1550	0.1706	0.1398	0.1619	0.1463	0.1706	0.1397	0.1663
72.0	0.1249	0.0699	0.0634	0.0770	0.0915	0.1291	0.0981	0.0704	0.0459	0.0681
75.0	0.0678	0.0678	0.0634	0.0700	0.0525	0.0679	0.0503	0.0634	0.0437	0.0590
78.0	0.0613	0.0678	0.0634	0.0700	0.0525	0.0591	0.0503	0.0591	0.0437	0.0547
81.0	0.0612	0.0678	0.0634	0.0700	0.0525	0.0568	0.0503	0.0569	0.0437	0.0525
84.0	0.0612	0.0678	0.0568	0.0678	0.0525	0.0547	0.0503	0.0525	0.0437	0.0525
87.0	0.0612	0.0678	0.0547	0.0634	0.0525	0.0503	0.0503	0.0503	0.0437	0.0503
90.0	0.0612	0.0678	0.0547	0.0568	0.0525	0.0503	0.0503	0.0459	0.0437	0.0437

G/C	300.0	315.0	330.0	345.0
0.0	2899	2898	2897	2893
3.0	2883	2883	2883	2887
6.0	2831	2834	2835	2834
9.0	2732	2732	2740	2737
12.0	2504	2502	2516	2511
15.0	2164	2160	2175	2165
18.0	1766	1757	1772	1756
21.0	1283	1275	1295	1277

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-07-17

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	833.9	835.2	847.1	830.6
27.0	558.3	556.2	557.7	549.5
30.0	375.3	369.7	371.1	356.9
33.0	234.0	228.6	226.1	215.7
36.0	137.7	130.0	129.6	118.5
39.0	71.81	68.99	66.50	61.48
42.0	37.08	35.75	34.86	29.35
45.0	19.69	19.80	18.77	15.64
48.0	11.37	12.14	11.15	8.790
51.0	6.982	7.859	6.809	5.437
54.0	4.420	5.003	4.287	3.707
57.0	2.850	3.129	2.804	2.053
60.0	1.529	1.803	1.502	0.9141
63.0	0.6447	0.8378	0.6338	0.2726
66.0	0.1899	0.3051	0.1833	0.1925
69.0	0.1464	0.1575	0.1333	0.1575
72.0	0.0914	0.1138	0.0915	0.0659
75.0	0.0437	0.0527	0.0437	0.0612
78.0	0.0437	0.0481	0.0437	0.0569
81.0	0.0437	0.0481	0.0437	0.0590
84.0	0.0437	0.0459	0.0437	0.0525
87.0	0.0437	0.0437	0.0437	0.0503
90.0	0.0437	0.0437	0.0437	0.0459

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-07-17

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: