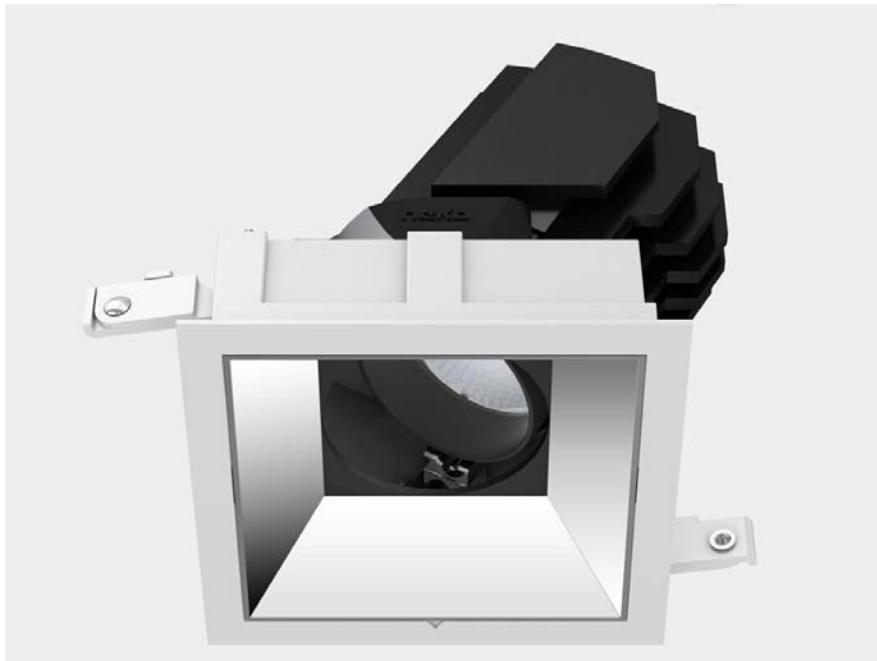


LED Downlight SENSE Series S100S1-13W-930-W



Light Output Ratio:	100.0%	
Luminaire Power:	14.31 W	
SHR Nominal:	0.75	Calculated using the TM5
SHR Maximum:	0.80	fine grid method.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-05-13

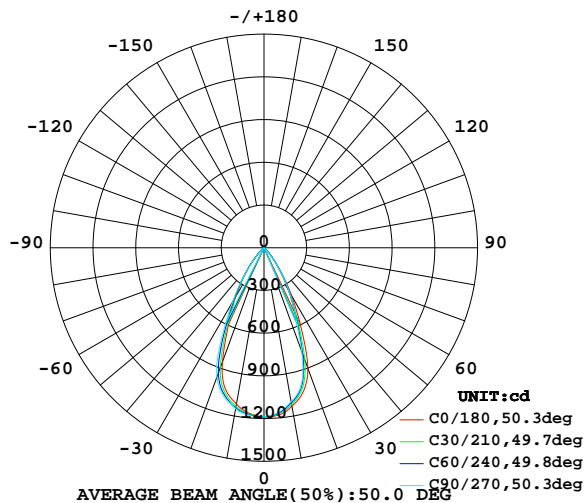
$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

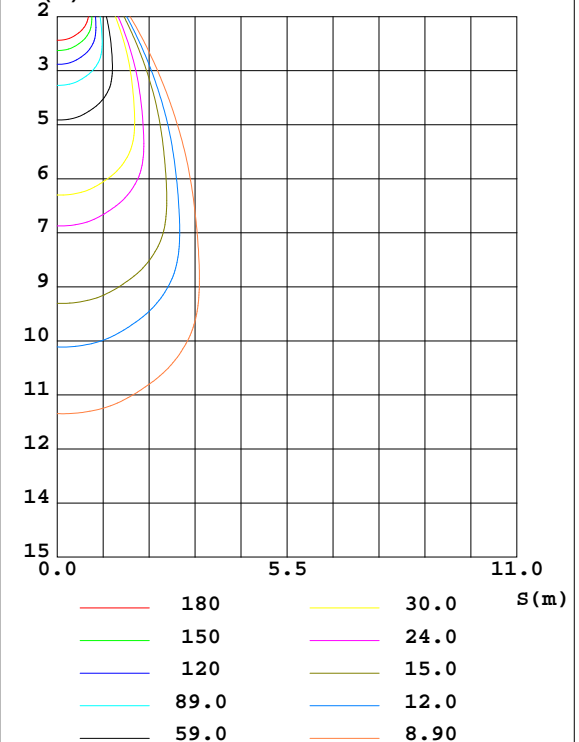
Test:U:220.7V I:0.0709A P:14.31W PF:0.9143 Lamp Flux:856.375x1 lm		
NAME: S100S1-13W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 59.83 lm/W			
MODEL	CITIZEN-3000K	Imax(cd)	1189	S/MH(C0/180)	0.78
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.81
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	856.37	$\eta$ UP,DN(C0-180)	0.0,46.9
NOMINAL FLUX(lm)	856.375	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	0.0,53.1
LAMPS INSIDE	1	$\eta$ up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	220	$\eta$ down(%)	100.0	CIBSE SHR MAX	0.80

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



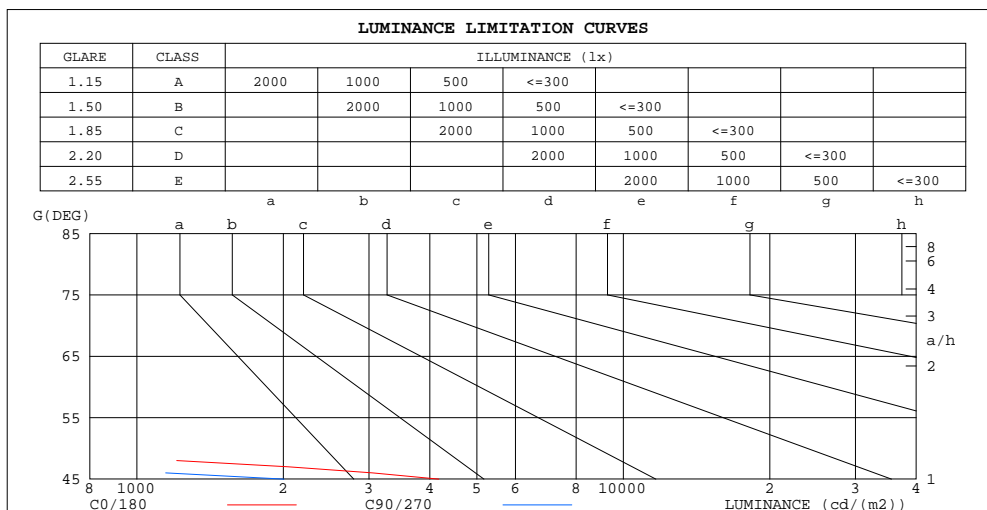
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-05-13

$\gamma$  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:

**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	1131	1114	1098	1095	1116	1136	1148	1145	0- 10	110.3	110.3	12.9,12.9
20	900.5	819.7	775.8	793.3	853.5	914.4	966.0	966.1	10- 20	288.0	398.3	46.5,46.5
30	387.0	345.0	348.1	370.1	403.5	409.0	444.4	420.9	20- 30	278.6	676.9	79,79
40	100.7	98.02	82.78	98.32	116.6	132.5	123.0	111.8	30- 40	143.3	820.1	95.8,95.8
50	2.458	11.09	1.749	8.741	2.303	20.17	6.884	16.26	40- 50	34.16	854.3	99.8,99.8
60	0.2676	0.4167	0.1339	0.3534	0.2113	0.6005	0.3443	0.6727	50- 60	1.883	856.2	100,100
70	0.0613	0.0393	0.0373	0.0371	0.0392	0.0591	0.0393	0.0678	60- 70	0.1260	856.3	100,100
80	0.0306	0.0284	0.0306	0.0306	0.0219	0.0241	0.0219	0.0241	70- 80	0.0325	856.3	100,100
90	0.0372	0.0394	0.0372	0.0394	0.0197	0.0197	0.0219	0.0219	80- 90	0.0306	856.4	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		



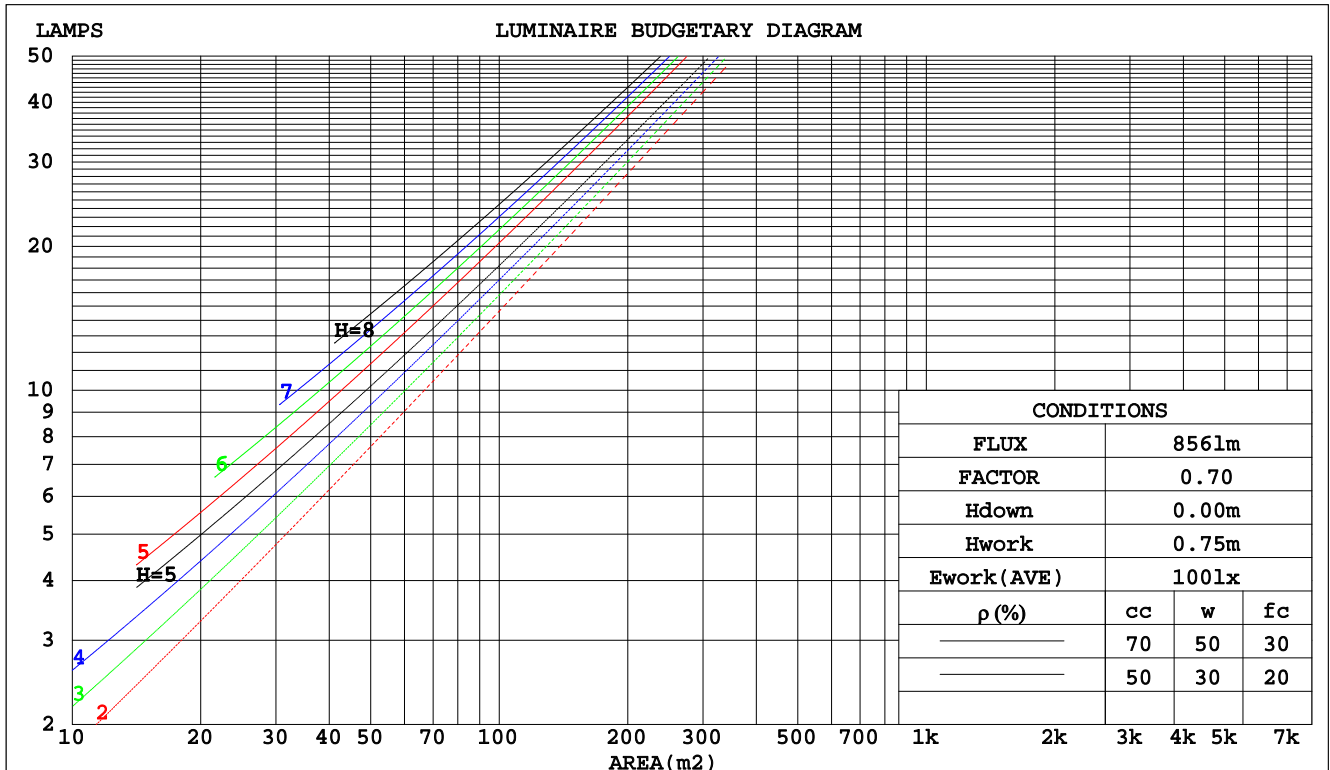
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-05-13

$\gamma$  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:0.0709A P:14.31W PF:0.9143 Lamp Flux:856.375x1 lm		
NAME: S100S1-13W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L108mm*W108mm*H126mm	
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	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	1.00	.99	.98	.97	.96	.94														
2.0	1.04	1.00	.97	1.03	.99	.96	.99	.97	.94	.96	.94	.92	.94	.92	.90	.89														
3.0	.98	.93	.89	.96	.92	.89	.94	.90	.87	.91	.88	.86	.89	.87	.85	.83														
4.0	.92	.87	.83	.91	.86	.82	.89	.85	.81	.87	.83	.81	.85	.82	.80	.78														
5.0	.87	.81	.77	.86	.81	.77	.84	.80	.76	.82	.79	.76	.81	.78	.75	.74														
6.0	.82	.76	.72	.81	.76	.72	.80	.75	.72	.78	.74	.71	.77	.73	.71	.69														
7.0	.77	.72	.68	.77	.72	.68	.76	.71	.67	.74	.70	.67	.73	.70	.67	.65														
8.0	.73	.68	.64	.73	.68	.64	.72	.67	.64	.71	.66	.63	.70	.66	.63	.62														
9.0	.70	.64	.60	.69	.64	.60	.68	.64	.60	.67	.63	.60	.67	.63	.60	.59														
10.0	.66	.61	.57	.66	.61	.57	.65	.60	.57	.64	.60	.57	.64	.60	.57	.55														



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-05-13

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:0.0709A P:14.31W PF:0.9143 Lamp Flux:856.375x1 lm		
NAME: S100S1-13W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L108mm*W108mm*H126mm	
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	.167	.095	.030	.161	.092	.029	.148	.085	.027	.137	.079	.025	.126	.073	.024		
2.0	.160	.087	.027	.154	.085	.026	.144	.080	.025	.134	.075	.023	.125	.071	.022		
3.0	.152	.081	.024	.147	.079	.024	.138	.075	.023	.130	.071	.022	.122	.068	.021		
4.0	.145	.075	.022	.141	.074	.022	.133	.070	.021	.126	.068	.020	.119	.065	.020		
5.0	.138	.070	.020	.134	.069	.020	.128	.067	.020	.122	.064	.019	.116	.062	.019		
6.0	.132	.066	.019	.129	.065	.019	.123	.063	.018	.117	.061	.018	.112	.059	.018		
7.0	.126	.062	.018	.124	.062	.018	.118	.060	.017	.114	.058	.017	.109	.057	.017		
8.0	.121	.059	.017	.119	.058	.017	.114	.057	.016	.110	.056	.016	.106	.054	.016		
9.0	.116	.056	.016	.114	.056	.016	.110	.054	.015	.106	.053	.015	.102	.052	.015		
10.0	.112	.054	.015	.110	.053	.015	.106	.052	.015	.103	.051	.014	.099	.050	.014		

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	.146	.135	.125	.100	.093	.087	.057	.054	.050	.018	.017	.016	
2.0	.155	.133	.114	.132	.114	.099	.091	.079	.069	.052	.046	.040	.017	.015	.013	
3.0	.142	.114	.091	.122	.098	.079	.083	.068	.055	.048	.040	.033	.015	.013	.011	
4.0	.131	.099	.074	.112	.085	.064	.077	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.122	.087	.061	.105	.075	.053	.072	.053	.037	.042	.031	.022	.013	.010	.007	
6.0	.115	.077	.051	.098	.067	.044	.068	.047	.031	.039	.028	.019	.013	.009	.006	
7.0	.108	.070	.043	.093	.061	.038	.064	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.102	.064	.037	.088	.055	.032	.061	.039	.023	.035	.023	.014	.011	.007	.005	
9.0	.097	.058	.032	.084	.051	.028	.058	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.093	.054	.028	.080	.047	.024	.055	.033	.017	.032	.019	.010	.010	.006	.003	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-05-13

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:0.0709A P:14.31W PF:0.9143 Lamp Flux:856.375x1 lm										
NAME: S100S1-13W-930-W					TYPE:Downlight			SERIAL No.:		
SPEC.:3000K					DIM.: L108mm*W108mm*H126mm					
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	13.1	14.0	13.4	14.2	14.4	12.6	13.5	12.8	13.7	13.8
3H	13.0	13.8	13.2	14.0	14.2	12.4	13.3	12.7	13.4	13.6
4H	12.9	13.7	13.2	13.9	14.1	12.4	13.1	12.6	13.3	13.6
6H	12.8	13.5	13.1	13.8	14.0	12.3	13.0	12.6	13.2	13.5
8H	12.8	13.5	13.1	13.7	14.0	12.2	12.9	12.5	13.2	13.4
12H	12.7	13.4	13.0	13.6	13.9	12.2	12.8	12.5	13.1	13.4
4H 2H	12.9	13.7	13.2	13.9	14.1	12.4	13.1	12.6	13.3	13.6
3H	12.7	13.4	13.0	13.6	13.9	12.2	12.8	12.5	13.1	13.4
4H	12.6	13.2	13.0	13.5	13.8	12.1	12.7	12.4	13.0	13.3
6H	12.5	13.1	12.9	13.4	13.7	12.0	12.5	12.4	12.8	13.2
8H	12.5	13.0	12.9	13.3	13.7	11.9	12.4	12.3	12.8	13.1
12H	12.4	12.9	12.8	13.2	13.6	11.9	12.3	12.3	12.7	13.1
8H 4H	12.5	13.0	12.9	13.3	13.7	11.9	12.4	12.3	12.8	13.1
6H	12.4	12.8	12.8	13.2	13.6	11.8	12.2	12.3	12.6	13.0
8H	12.3	12.7	12.8	13.1	13.5	11.8	12.1	12.2	12.5	13.0
12H	12.3	12.6	12.7	13.0	13.5	11.7	12.0	12.2	12.5	12.9
12H 4H	12.4	12.9	12.8	13.2	13.6	11.9	12.3	12.3	12.7	13.1
6H	12.3	12.7	12.8	13.1	13.5	11.8	12.1	12.2	12.5	13.0
8H	12.3	12.6	12.7	13.0	13.5	11.7	12.0	12.2	12.5	12.9
Variations with the observer position at spacings:										
S = 1.0H	+ 3.5 / -27.5					+ 3.4 / -29.3				
1.5H	+ 6.0 / -22.2					+ 6.1 / -22.9				
2.0H	+ 8.2 / -23.0					+ 7.5 / -20.7				

CIE Pub.117 Corrected 856.4 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.5)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-05-13

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:0.0709A P:14.31W PF:0.9143 Lamp Flux:856.375x1 lm		
NAME: S100S1-13W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L108mm*W108mm*H126mm	
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) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	79	88	83	79	88	82	79	76
0.80	96	91	87	96	90	87	94	90	87	83
1.00	100	95	92	100	95	91	98	94	91	87
1.25	104	99	96	103	99	96	101	98	95	91
1.50	107	102	99	106	102	99	103	100	98	93
2.00	109	105	102	108	104	102	105	102	100	95
2.50	111	107	104	109	106	104	106	104	102	96
3.00	112	109	106	110	108	105	107	105	103	97
4.00	114	112	109	112	110	108	109	107	105	98
5.00	115	113	112	113	111	110	109	108	107	99
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:2017-05-13

$\gamma$  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:0.0709A P:14.31W PF:0.9143 Lamp Flux:856.375x1 lm		
NAME: S100S1-13W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

845.91 lm

%lum = 98.8%

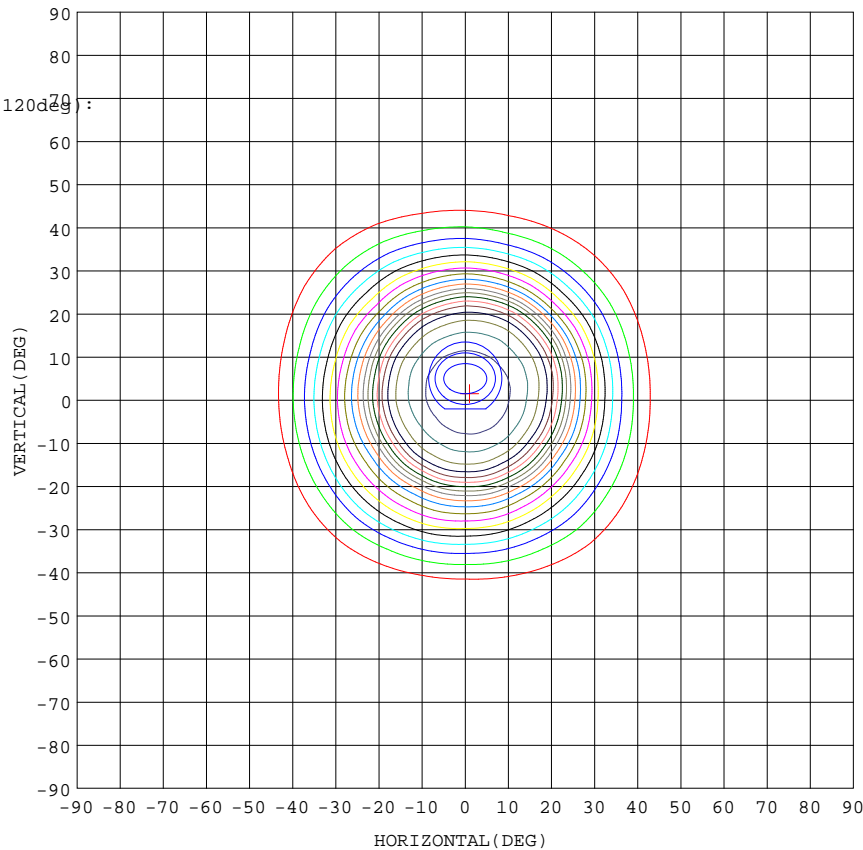
%lamp = 98.8%

Conical surface Flux(120deg):

856.19 lm

%lum = 100.0%

%lamp = 100.0%



1. AVG=1176, MIN=1160
2. AVG=1169, MIN=1135
3. AVG=1160, MIN=1104

Imax:1189(H1.0,V1.5)  
(At:C=300.0,Gamma=2.0)

UNIT: cd

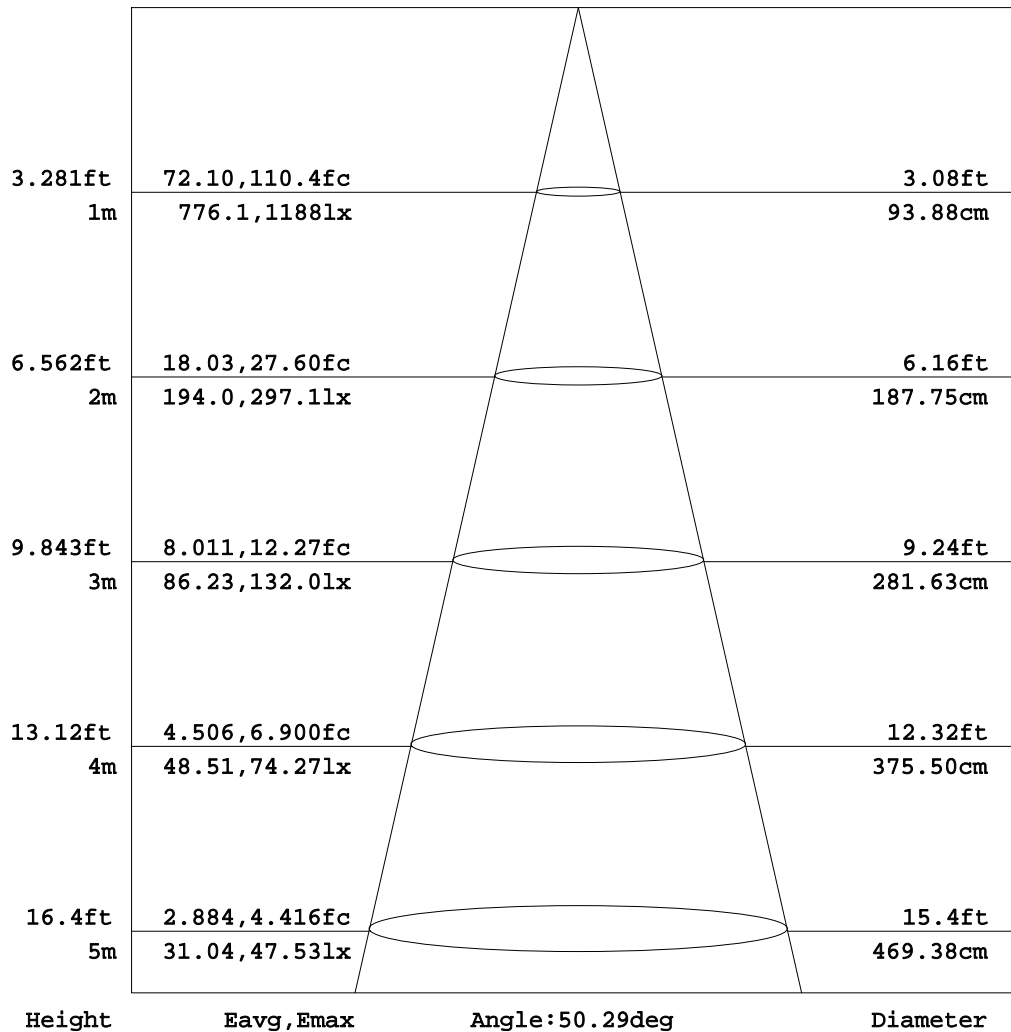
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-05-13

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:0.0709A P:14.31W PF:0.9143 Lamp Flux:856.375x1 lm		
NAME: S100S1-13W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		

Flux out:580.0 lm



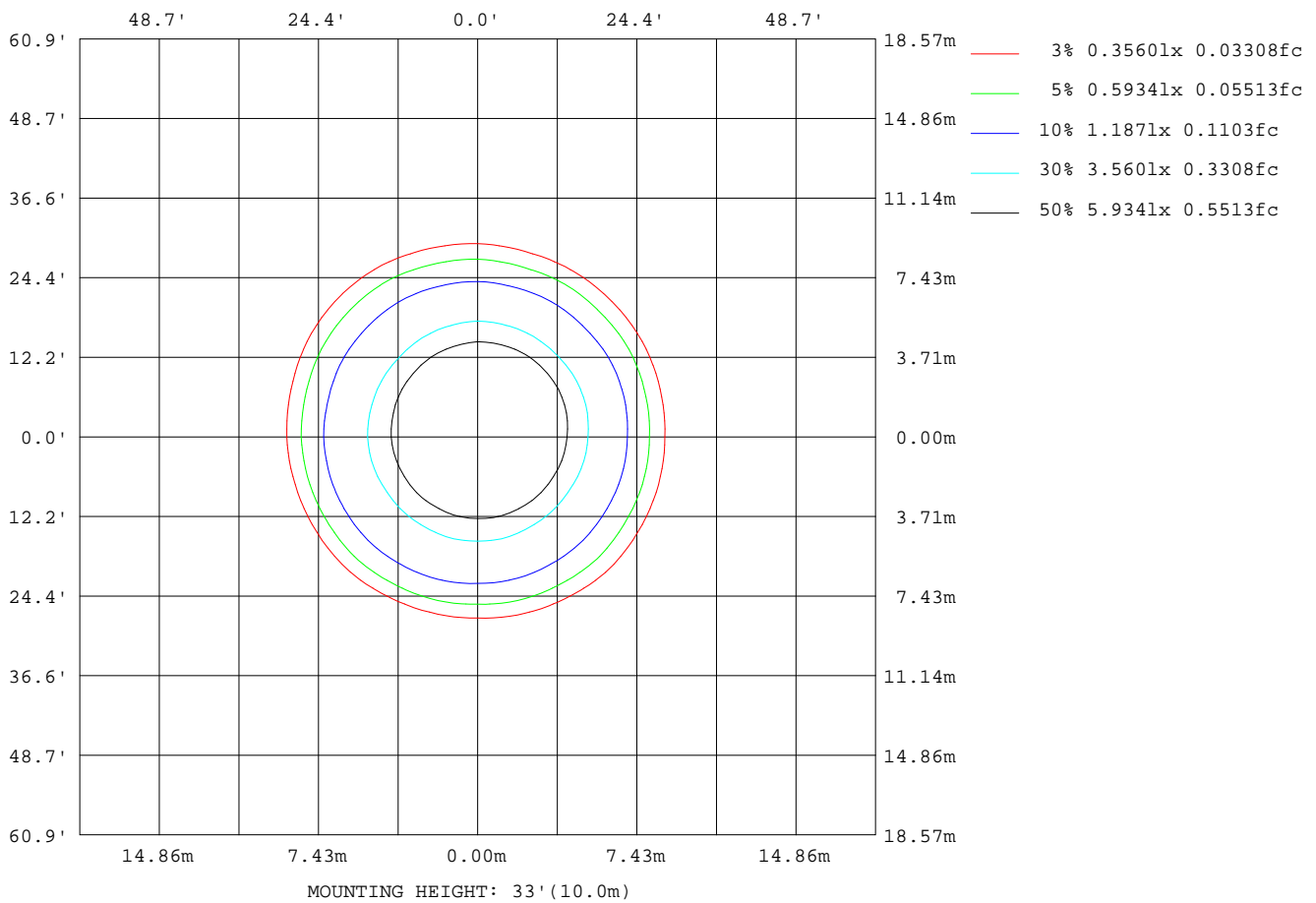
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-05-13

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

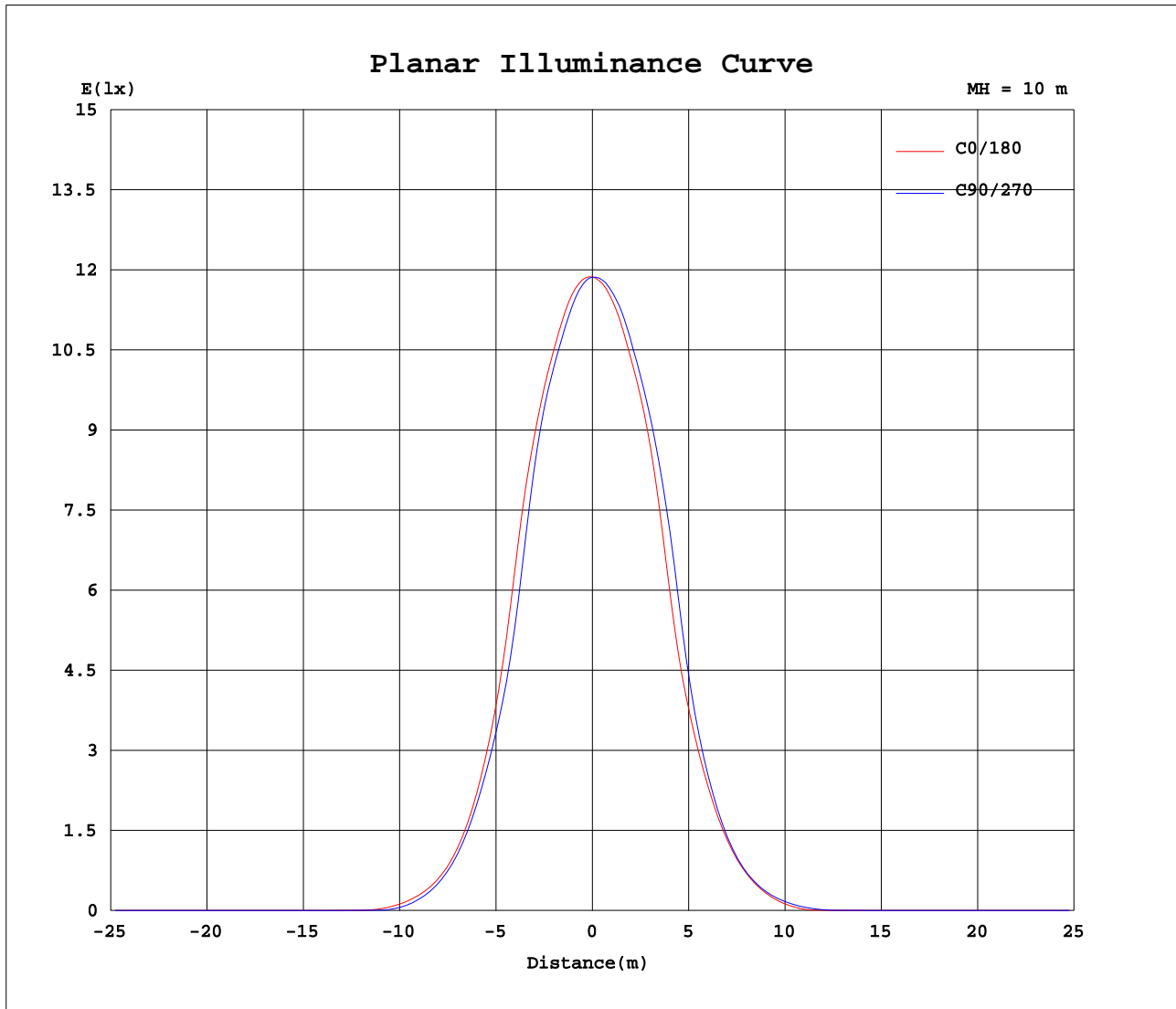
Test:U:220.7V I:0.0709A P:14.31W PF:0.9143 Lamp Flux:856.375x1 lm		
NAME: S100S1-13W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-05-13

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: 2017-05-13

$\gamma$  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:

```

```

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	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187
3.0	1186	1185	1182	1180	1179	1178	1176	1176	1175	1175
6.0	1173	1170	1166	1162	1156	1154	1151	1150	1149	1150
9.0	1144	1139	1132	1128	1120	1118	1112	1112	1108	1111
12.0	1104	1098	1091	1084	1077	1074	1069	1068	1064	1066
15.0	1053	1044	1030	1023	1014	1011	1005	1006	1004	1010
18.0	977.1	960.9	933.5	919.2	902.6	898.6	887.8	891.6	890.2	901.7
21.0	849.9	817.7	780.9	761.6	736.3	730.8	715.7	718.7	715.4	733.6
24.0	671.8	642.1	606.5	589.3	570.6	569.5	562.8	563.8	559.2	574.4
27.0	516.1	495.1	466.3	454.5	448.0	454.5	451.3	458.1	456.1	465.2
30.0	387.0	373.6	354.6	345.0	344.2	348.8	348.1	358.8	362.8	370.1
33.0	274.8	267.9	257.4	254.0	250.2	251.6	249.9	260.4	267.5	277.0
36.0	185.2	183.2	176.5	176.8	170.5	169.0	166.0	172.3	178.9	190.9
39.0	118.6	117.2	114.2	115.0	107.6	105.2	100.8	103.5	107.7	117.6
42.0	70.68	70.34	69.64	70.13	63.27	57.38	51.97	53.87	60.29	67.03
45.0	34.42	36.32	38.37	39.48	32.33	24.01	16.55	21.22	28.31	34.91
48.0	9.424	12.92	17.31	20.01	12.96	4.617	2.402	4.031	10.35	16.36
51.0	2.094	2.146	5.266	7.864	2.908	1.637	1.425	1.589	2.327	5.974
54.0	1.125	1.196	1.467	1.978	1.162	0.8099	0.6887	0.7968	1.096	1.502
57.0	0.5810	0.6329	0.7585	0.8774	0.5745	0.3971	0.3334	0.3928	0.5482	0.7726
60.0	0.2676	0.2901	0.3837	0.4167	0.2741	0.1592	0.1339	0.1548	0.2567	0.3534
63.0	0.1140	0.0961	0.1668	0.1744	0.1185	0.0656	0.0876	0.0677	0.1054	0.1417
66.0	0.0897	0.0634	0.0767	0.0655	0.0700	0.0502	0.0700	0.0481	0.0657	0.0524
69.0	0.0700	0.0437	0.0635	0.0437	0.0569	0.0327	0.0482	0.0327	0.0547	0.0350
72.0	0.0329	0.0284	0.0417	0.0349	0.0329	0.0284	0.0328	0.0262	0.0329	0.0284
75.0	0.0328	0.0284	0.0284	0.0284	0.0262	0.0284	0.0306	0.0263	0.0262	0.0263
78.0	0.0306	0.0306	0.0284	0.0284	0.0262	0.0285	0.0306	0.0328	0.0262	0.0284
81.0	0.0306	0.0350	0.0284	0.0306	0.0262	0.0328	0.0306	0.0306	0.0284	0.0306
84.0	0.0306	0.0328	0.0306	0.0328	0.0306	0.0350	0.0328	0.0350	0.0284	0.0328
87.0	0.0328	0.0372	0.0306	0.0372	0.0306	0.0394	0.0371	0.0394	0.0306	0.0394
90.0	0.0372	0.0394	0.0372	0.0394	0.0372	0.0394	0.0372	0.0394	0.0372	0.0394

G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187
3.0	1176	1177	1179	1180	1182	1182	1184	1185	1186	1187
6.0	1152	1156	1160	1163	1167	1170	1173	1174	1176	1176
9.0	1113	1121	1129	1136	1143	1147	1153	1155	1158	1157
12.0	1068	1077	1087	1093	1106	1110	1119	1120	1123	1122
15.0	1012	1022	1036	1044	1055	1063	1072	1076	1083	1083
18.0	907.8	925.8	947.8	961.4	980.5	989.8	1005	1012	1024	1029
21.0	744.4	769.1	798.5	814.2	846.2	866.0	896.0	911.9	928.4	933.2
24.0	584.8	609.2	635.2	648.9	673.5	692.9	727.0	744.5	772.8	774.1
27.0	474.3	494.9	510.9	516.5	524.9	532.4	557.0	572.9	591.6	586.4
30.0	381.2	395.2	403.5	403.8	413.5	409.0	428.1	435.2	444.4	437.4
33.0	286.1	295.4	301.1	302.1	311.3	308.0	319.7	319.3	321.9	314.6
36.0	196.0	204.2	211.7	212.9	222.7	223.4	228.2	222.1	220.4	211.2
39.0	121.6	130.1	138.8	141.1	149.6	152.6	153.6	145.6	142.7	134.0
42.0	69.50	72.43	79.65	85.28	93.89	97.63	96.93	90.37	86.92	81.51
45.0	34.65	33.57	35.30	42.35	54.10	59.19	58.01	50.65	47.82	45.09
48.0	14.09	9.650	7.291	13.13	26.00	32.27	30.62	23.10	19.28	20.40
51.0	3.802	1.958	1.981	2.124	8.546	15.31	12.92	5.830	3.227	5.374
54.0	1.310	1.061	1.036	1.159	1.704	5.196	3.302	1.632	1.477	1.610
57.0	0.6665	0.5390	0.5191	0.5915	0.8684	1.291	1.132	0.7975	0.7373	0.7866
60.0	0.3224	0.2289	0.2113	0.2717	0.4492	0.6005	0.5561	0.3879	0.3443	0.3856
63.0	0.1340	0.0852	0.0873	0.1140	0.1830	0.2806	0.2462	0.1580	0.1175	0.1580
66.0	0.0744	0.0612	0.0677	0.0832	0.0634	0.1141	0.0828	0.0744	0.0611	0.0766
69.0	0.0613	0.0437	0.0480	0.0722	0.0437	0.0656	0.0393	0.0634	0.0394	0.0678
72.0	0.0438	0.0284	0.0219	0.0395	0.0350	0.0503	0.0349	0.0460	0.0284	0.0503
75.0	0.0284	0.0284	0.0219	0.0284	0.0197	0.0307	0.0197	0.0263	0.0284	0.0263
78.0	0.0284	0.0284	0.0219	0.0263	0.0197	0.0241	0.0197	0.0262	0.0219	0.0262
81.0	0.0284	0.0328	0.0219	0.0262	0.0197	0.0219	0.0197	0.0241	0.0219	0.0262
84.0	0.0327	0.0350	0.0240	0.0262	0.0197	0.0219	0.0197	0.0241	0.0219	0.0241
87.0	0.0349	0.0394	0.0197	0.0262	0.0197	0.0219	0.0197	0.0241	0.0219	0.0241
90.0	0.0372	0.0394	0.0197	0.0219	0.0197	0.0197	0.0197	0.0219	0.0219	0.0219

G/C	300.0	315.0	330.0	345.0
0.0	1187	1187	1187	1187
3.0	1188	1188	1188	1188
6.0	1179	1178	1178	1177
9.0	1158	1157	1155	1151
12.0	1123	1120	1118	1114
15.0	1085	1081	1080	1069
18.0	1032	1026	1018	1002
21.0	937.4	926.7	916.2	893.8

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
 Test Date: 2017-05-13

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	778.3	760.7	749.2	717.2
27.0	583.7	570.1	563.5	547.5
30.0	433.9	420.9	422.8	410.2
33.0	312.1	300.0	303.0	292.7
36.0	211.8	204.4	205.9	195.4
39.0	135.9	130.8	132.0	124.1
42.0	81.70	80.26	78.94	74.77
45.0	47.32	46.76	45.69	39.49
48.0	24.61	25.43	23.14	15.79
51.0	10.50	12.58	9.416	2.753
54.0	3.014	4.874	2.343	1.376
57.0	1.134	1.394	1.056	0.7098
60.0	0.5583	0.6727	0.5387	0.3462
63.0	0.2527	0.3069	0.2462	0.1448
66.0	0.0871	0.1338	0.0894	0.0897
69.0	0.0437	0.0700	0.0567	0.0744
72.0	0.0328	0.0547	0.0371	0.0439
75.0	0.0219	0.0372	0.0197	0.0306
78.0	0.0218	0.0262	0.0197	0.0284
81.0	0.0197	0.0241	0.0197	0.0263
84.0	0.0197	0.0241	0.0197	0.0262
87.0	0.0197	0.0241	0.0197	0.0241
90.0	0.0197	0.0219	0.0197	0.0219

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-05-13

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: