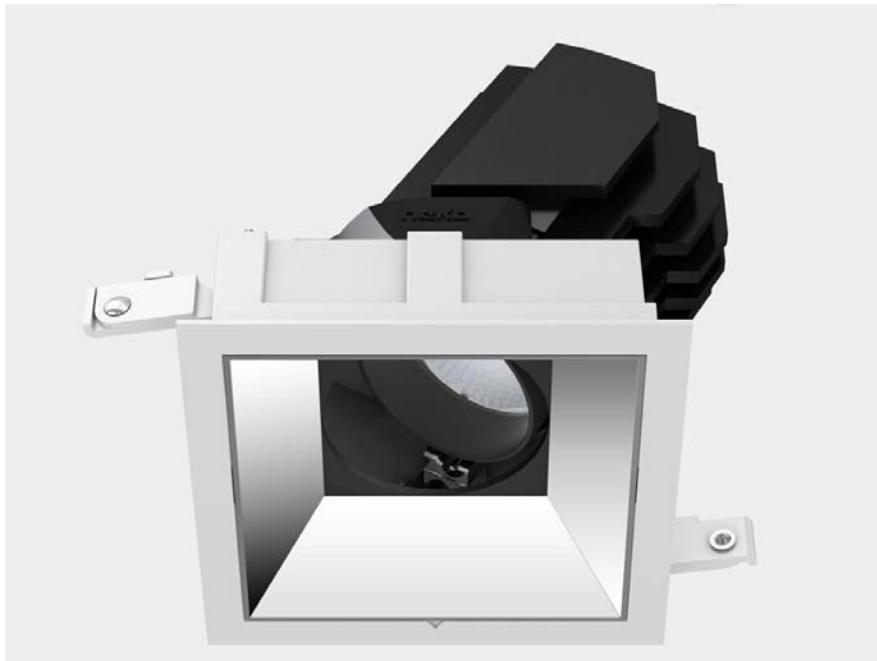


LED Downlight SENSE Series S100S1-13W-940-W



Light Output Ratio:	100.0%	
Luminaire Power:	14.33 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

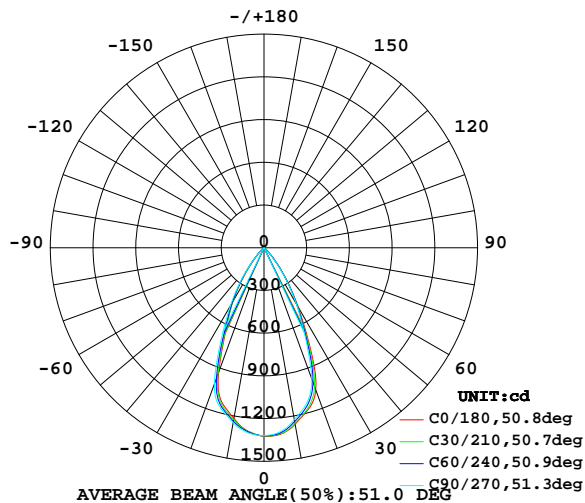
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

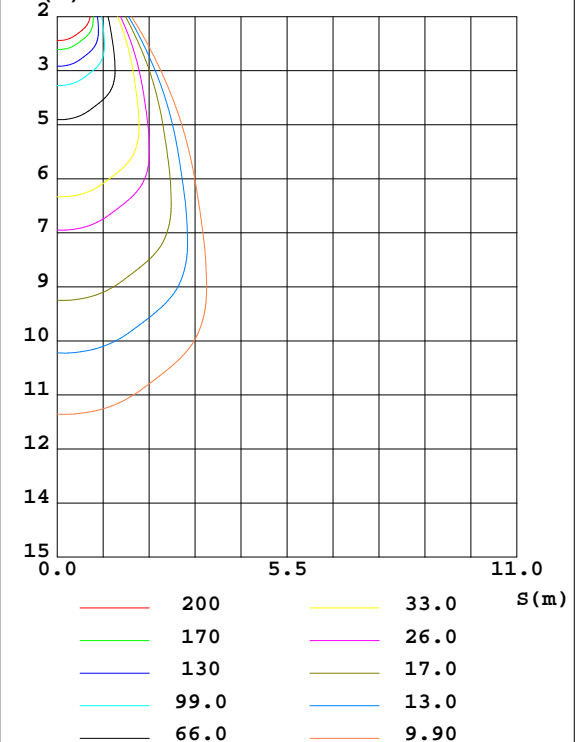
Test:U:220.7V I:0.0711A P:14.33W PF:0.9152 Lamp Flux:975.282x1 lm		
NAME: S100S1-13W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 68.06 lm/W			
MODEL	CITIZEN-4000K	Imax(cd)	1325	S/MH(C0/180)	0.77
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.80
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	975.28	$\eta$ UP,DN(C0-180)	0.0,49.6
NOMINAL FLUX(lm)	975.282	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	0.0,50.4
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)



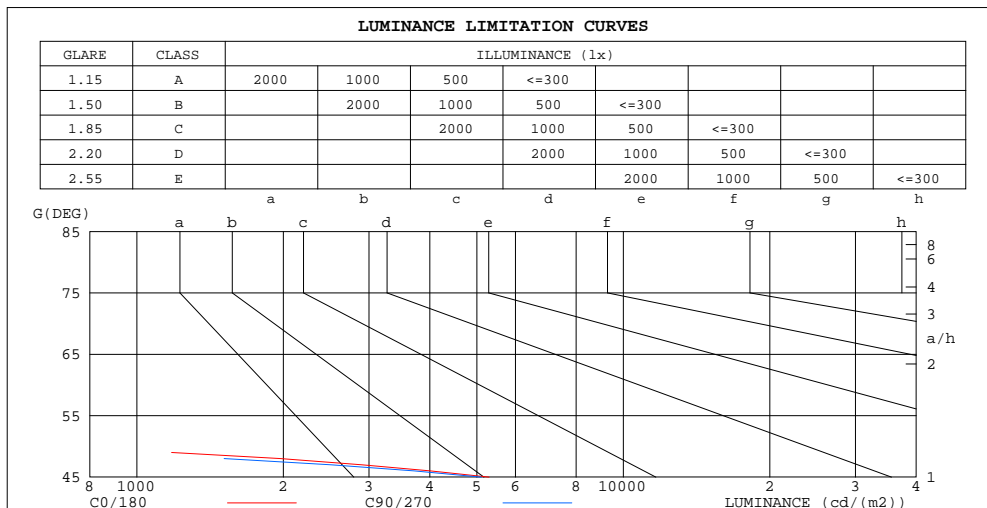
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Meng Yongjian  
 Test Date:2017-05-13

$\gamma$  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	$\%lum, lamp$
10	1259	1249	1226	1209	1217	1229	1248	1255	0- 10	122.1	122.1	12.5,12.5
20	1064	1023	983.0	936.9	933.6	950.7	1019	1065	10- 20	320.3	442.4	45.4,45.4
30	478.7	459.7	454.3	431.6	442.1	431.7	475.3	471.8	20- 30	318.8	761.2	78.1,78.1
40	129.0	139.5	126.2	114.4	113.6	129.5	138.8	137.8	30- 40	170.5	931.7	95.5,95.5
50	4.715	19.66	3.354	11.96	3.176	15.85	4.071	17.45	40- 50	40.51	972.2	99.7,99.7
60	0.6010	1.209	0.4500	0.9296	0.3636	1.043	0.5598	1.318	50- 60	2.712	975.0	100,100
70	0.0963	0.0612	0.0919	0.0568	0.0501	0.0722	0.0655	0.0876	60- 70	0.2481	975.2	100,100
80	0.0372	0.0350	0.0525	0.0372	0.0284	0.0306	0.0328	0.0306	70- 80	0.0467	975.2	100,100
90	0.0372	0.0372	0.0459	0.0415	0.0262	0.0262	0.0262	0.0262	80- 90	0.0374	975.3	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		



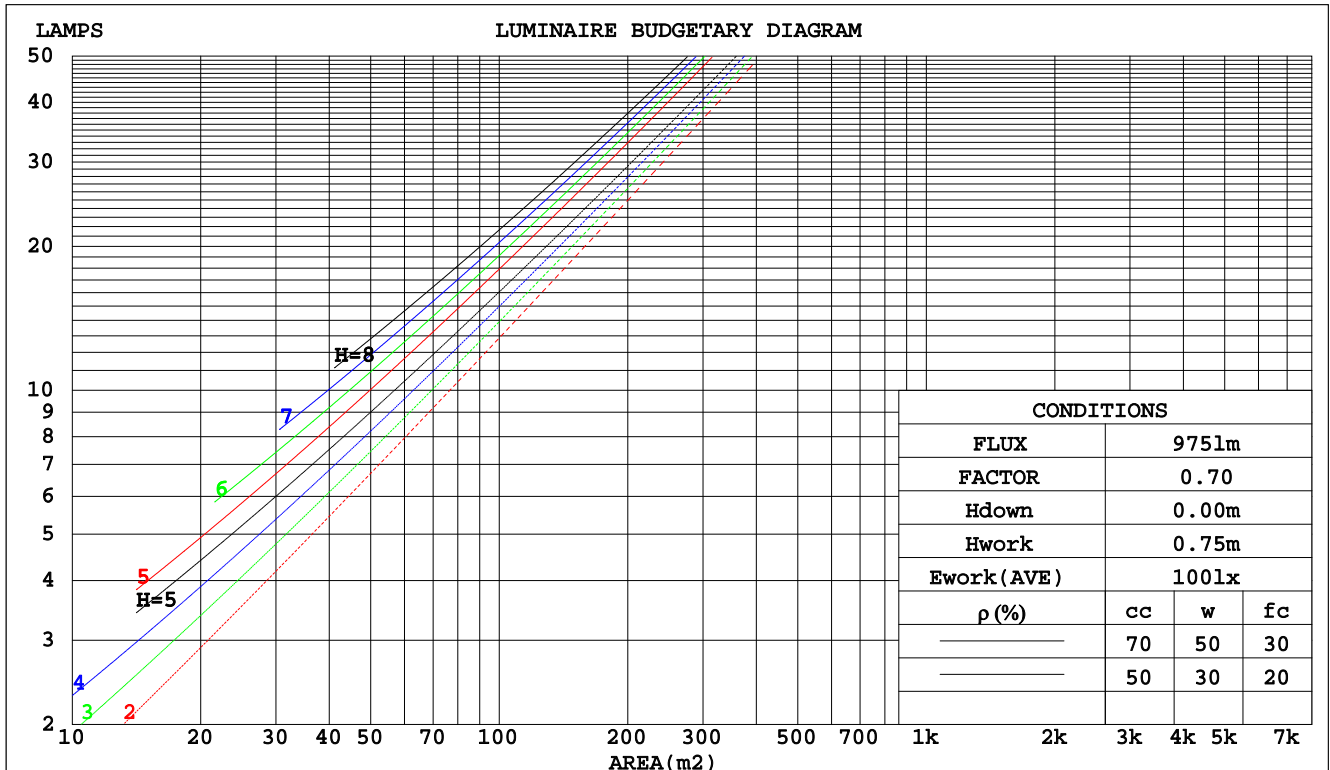
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-05-13

$\gamma$  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:0.0711A P:14.33W PF:0.9152 Lamp Flux:975.282x1 lm		
NAME: S100S1-13W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	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	Coefficients of Utilization(CU)															
	RCR:Room Cavity Ratio															
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	1.02	.99	.96	.99	.96	.94	.96	.94	.92	.93	.92	.90	.88
3.0	.98	.93	.89	.96	.92	.88	.94	.90	.87	.91	.88	.86	.89	.87	.84	.83
4.0	.92	.87	.83	.91	.86	.82	.88	.84	.81	.87	.83	.80	.85	.82	.79	.78
5.0	.86	.81	.77	.85	.80	.77	.84	.79	.76	.82	.78	.75	.81	.77	.75	.73
6.0	.81	.76	.72	.81	.75	.72	.79	.75	.71	.78	.74	.71	.77	.73	.70	.69
7.0	.77	.71	.67	.76	.71	.67	.75	.70	.67	.74	.70	.67	.73	.69	.66	.65
8.0	.73	.67	.63	.72	.67	.63	.71	.67	.63	.70	.66	.63	.69	.65	.63	.61
9.0	.69	.64	.60	.69	.63	.60	.68	.63	.60	.67	.63	.59	.66	.62	.59	.58
10.0	.66	.60	.57	.65	.60	.57	.65	.60	.56	.64	.59	.56	.63	.59	.56	.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:0.0711A P:14.33W PF:0.9152 Lamp Flux:975.282x1 lm		
NAME: S100S1-13W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	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	.169	.096	.030	.162	.092	.029	.149	.086	.027	.138	.080	.026	.127	.074	.024		
2.0	.161	.088	.027	.155	.086	.026	.145	.080	.025	.135	.076	.024	.126	.071	.022		
3.0	.153	.081	.024	.148	.079	.024	.139	.076	.023	.131	.072	.022	.123	.068	.021		
4.0	.146	.076	.022	.142	.074	.022	.134	.071	.021	.127	.068	.021	.120	.065	.020		
5.0	.139	.071	.021	.136	.070	.020	.129	.067	.020	.123	.065	.019	.117	.062	.019		
6.0	.133	.067	.019	.130	.066	.019	.124	.064	.019	.119	.062	.018	.113	.060	.018		
7.0	.127	.063	.018	.125	.062	.018	.119	.060	.017	.115	.059	.017	.110	.057	.017		
8.0	.122	.060	.017	.120	.059	.017	.115	.057	.016	.111	.056	.016	.107	.055	.016		
9.0	.117	.057	.016	.115	.056	.016	.111	.055	.016	.107	.054	.015	.103	.052	.015		
10.0	.113	.054	.015	.111	.053	.015	.107	.052	.015	.103	.051	.015	.100	.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	.171	.157	.146	.146	.135	.125	.100	.093	.087	.057	.054	.050	.018	.017	.016	
2.0	.155	.133	.114	.133	.114	.098	.091	.079	.069	.052	.046	.040	.017	.015	.013	
3.0	.142	.114	.091	.122	.098	.079	.084	.068	.055	.048	.040	.033	.016	.013	.011	
4.0	.131	.099	.074	.113	.085	.064	.078	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.123	.087	.061	.105	.075	.053	.072	.053	.037	.042	.031	.022	.014	.010	.007	
6.0	.115	.078	.051	.099	.067	.044	.068	.047	.031	.040	.028	.019	.013	.009	.006	
7.0	.108	.070	.043	.093	.061	.037	.064	.043	.027	.037	.025	.016	.012	.008	.005	
8.0	.103	.064	.037	.088	.055	.032	.061	.039	.023	.036	.023	.014	.012	.007	.004	
9.0	.098	.058	.032	.084	.051	.028	.058	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.093	.054	.028	.080	.047	.024	.056	.033	.017	.033	.020	.010	.011	.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:0.0711A P:14.33W PF:0.9152 Lamp Flux:975.282x1 lm										
NAME: S100S1-13W-940-W					TYPE:Downlight			SERIAL No.:		
SPEC.:4000K					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	14.7	15.6	14.9	15.8	15.9	14.6	15.5	14.8	15.7	15.8
3H	14.5	15.4	14.8	15.6	15.8	14.4	15.2	14.7	15.4	15.6
4H	14.5	15.2	14.7	15.4	15.7	14.3	15.1	14.6	15.3	15.6
6H	14.4	15.1	14.7	15.3	15.6	14.3	15.0	14.5	15.2	15.5
8H	14.3	15.0	14.6	15.3	15.5	14.2	14.9	14.5	15.2	15.4
12H	14.3	14.9	14.6	15.2	15.5	14.2	14.8	14.5	15.1	15.4
4H 2H	14.5	15.2	14.7	15.4	15.7	14.3	15.1	14.6	15.3	15.6
3H	14.3	14.9	14.6	15.2	15.5	14.2	14.8	14.5	15.1	15.4
4H	14.2	14.8	14.5	15.1	15.4	14.1	14.7	14.4	15.0	15.3
6H	14.1	14.6	14.5	15.0	15.3	14.0	14.5	14.3	14.8	15.2
8H	14.0	14.5	14.4	14.9	15.2	13.9	14.4	14.3	14.8	15.1
12H	14.0	14.4	14.4	14.8	15.2	13.9	14.3	14.3	14.7	15.1
8H 4H	14.0	14.5	14.4	14.9	15.2	13.9	14.4	14.3	14.8	15.1
6H	13.9	14.3	14.4	14.7	15.1	13.8	14.2	14.2	14.6	15.0
8H	13.9	14.2	14.3	14.6	15.1	13.8	14.1	14.2	14.5	15.0
12H	13.8	14.1	14.3	14.6	15.0	13.7	14.0	14.2	14.5	14.9
12H 4H	14.0	14.4	14.4	14.8	15.2	13.9	14.3	14.3	14.7	15.1
6H	13.9	14.2	14.3	14.6	15.1	13.8	14.1	14.2	14.5	15.0
8H	13.8	14.1	14.3	14.6	15.0	13.7	14.0	14.2	14.5	14.9
Variations with the observer position at spacings:										
S = 1.0H	+ 3.4 / -23.9					+ 3.2 / -24.7				
1.5H	+ 5.8 / -18.7					+ 5.7 / -19.1				
2.0H	+ 7.5 / -19.6					+ 7.4 / -20.4				

CIE Pub.117 Corrected 975.3 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:2017-05-13

$\gamma$  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:

UTILIZATION FACTORS TABLE

Test:U:220.7V I:0.0711A P:14.33W PF:0.9152 Lamp Flux:975.282x1 lm		
NAME: S100S1-13W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	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	82	79	88	82	79	75
0.80	96	91	87	95	90	87	94	90	86	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	101	105	102	100	95
2.50	111	107	104	109	106	103	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	111	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:0.0711A P:14.33W PF:0.9152 Lamp Flux:975.282x1 lm		
NAME: S100S1-13W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

962.27 lm

%lum = 98.7%

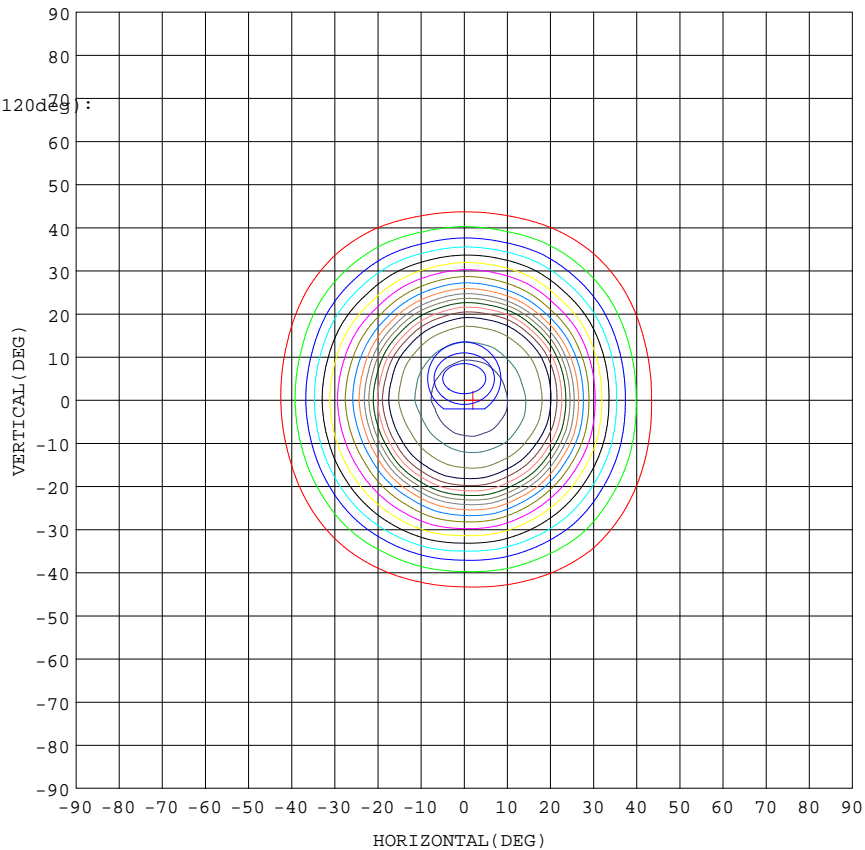
%lamp = 98.7%

Conical surface Flux(120deg):

974.95 lm

%lum = 100.0%

%lamp = 100.0%



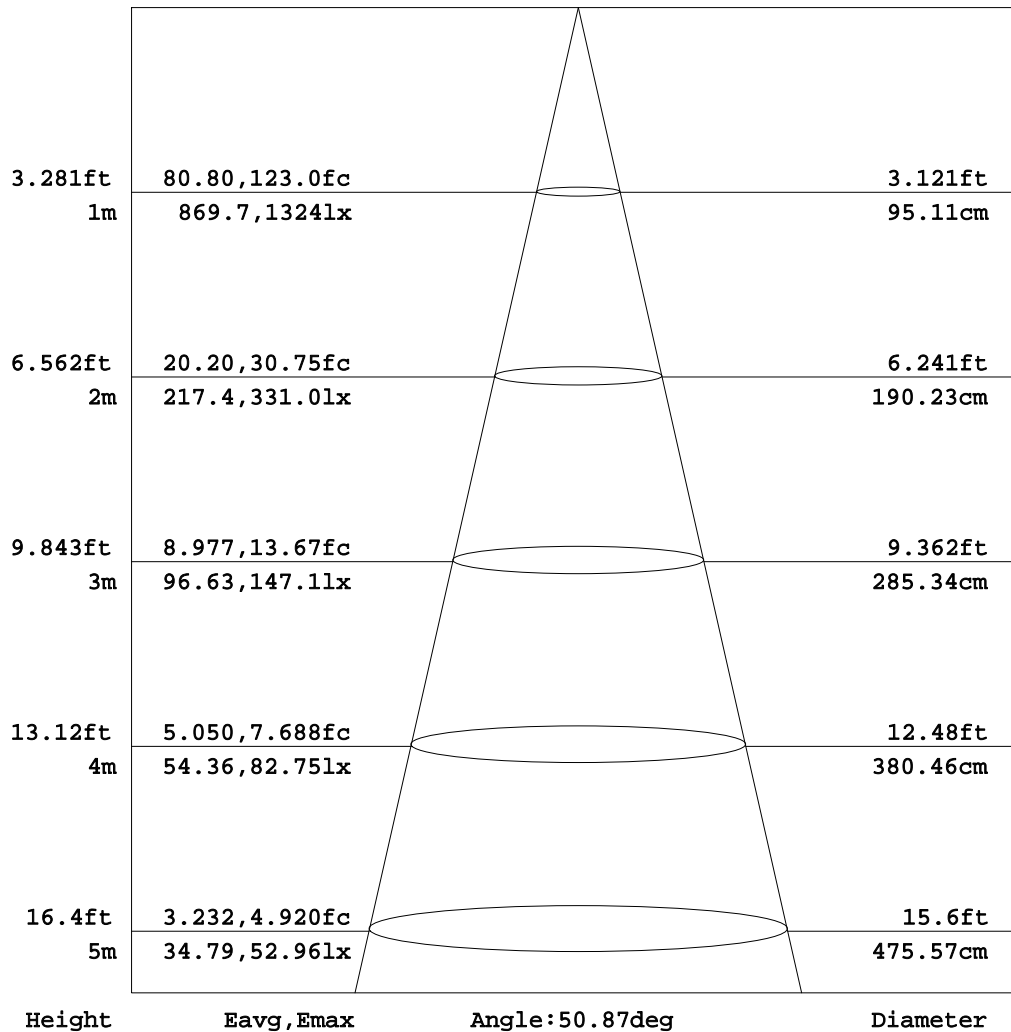
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-05-13

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:0.0711A P:14.33W PF:0.9152 Lamp Flux:975.282x1 lm		
NAME: S100S1-13W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		

Flux out:649.9 lm



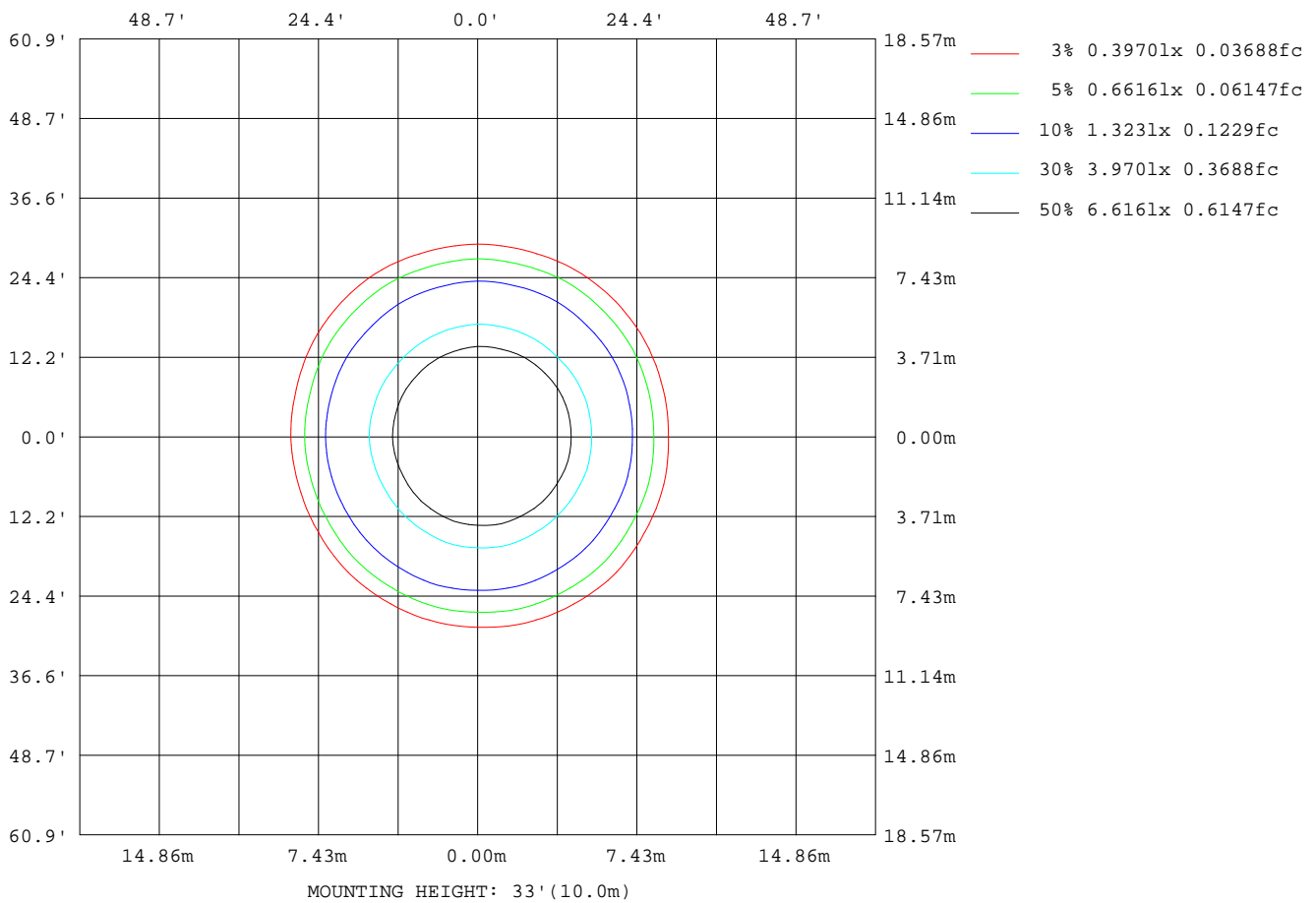
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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**

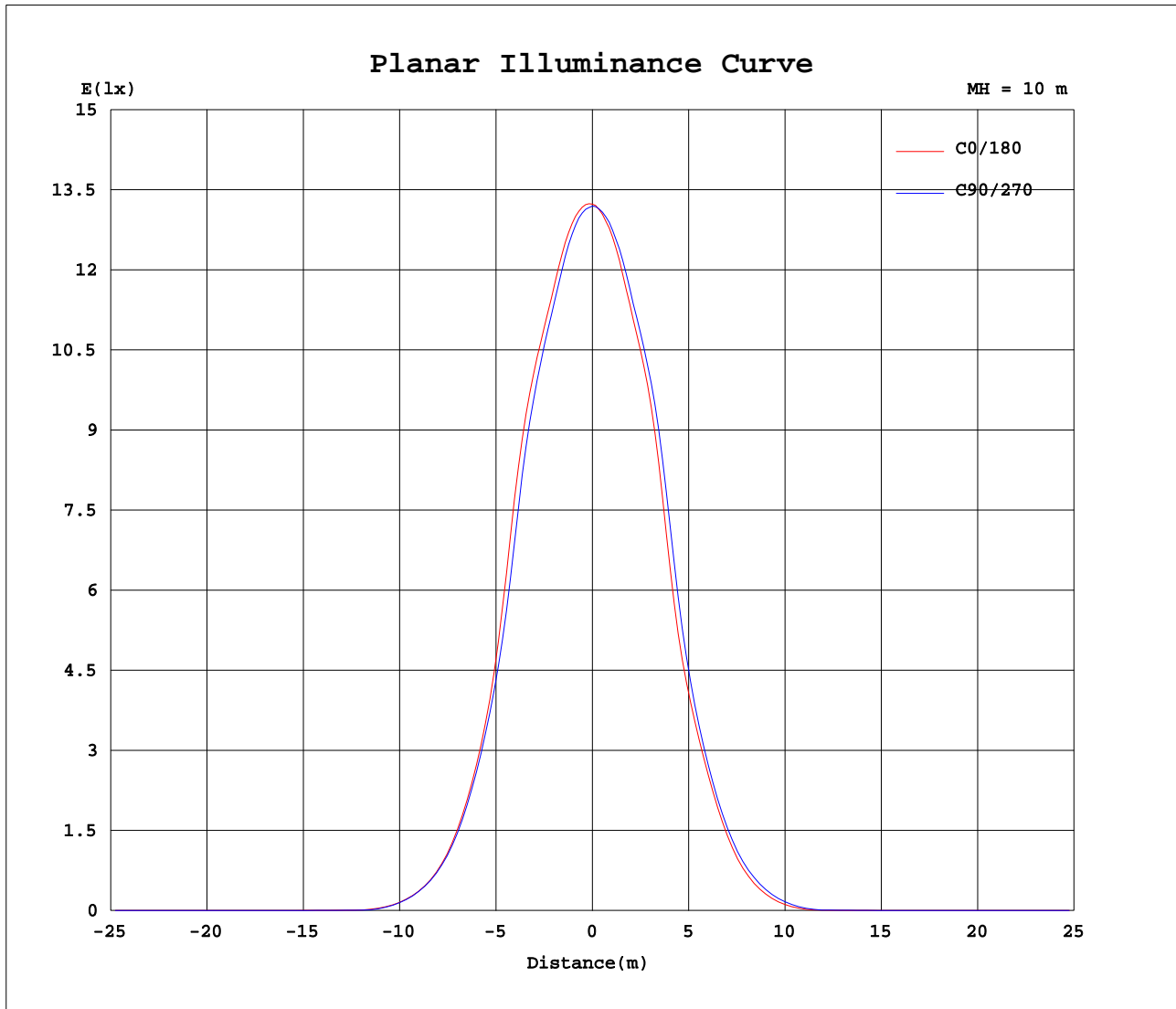
Test:U:220.7V I:0.0711A P:14.33W PF:0.9152 Lamp Flux:975.282x1 lm		
NAME: S100S1-13W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		



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	1323	1323	1322	1321	1321	1320	1319	1319	1318	1318
3.0	1323	1321	1320	1319	1316	1314	1312	1310	1306	1305
6.0	1308	1308	1305	1302	1297	1294	1288	1285	1279	1277
9.0	1275	1275	1270	1266	1256	1253	1244	1240	1232	1230
12.0	1226	1228	1221	1217	1208	1200	1192	1185	1176	1172
15.0	1182	1182	1174	1170	1156	1150	1139	1134	1126	1122
18.0	1127	1124	1108	1096	1082	1077	1065	1062	1048	1042
21.0	1020	1012	989.9	978.7	956.8	952.3	925.1	913.9	885.2	873.5
24.0	829.5	830.1	805.5	795.8	773.2	766.4	737.8	722.7	692.6	678.4
27.0	631.1	633.4	610.5	605.1	595.5	600.6	582.8	574.2	548.8	539.6
30.0	478.7	480.6	465.9	459.7	461.1	465.2	454.3	454.0	439.1	431.6
33.0	352.4	354.4	345.4	344.2	344.6	345.7	336.4	339.6	330.2	323.5
36.0	241.1	245.2	240.6	244.6	241.9	240.8	231.4	233.0	224.9	221.6
39.0	153.2	157.6	156.1	161.5	157.3	156.2	149.3	147.3	140.2	138.6
42.0	89.18	93.47	94.66	99.59	96.09	93.68	87.70	84.95	80.90	78.54
45.0	43.67	49.31	53.42	57.84	54.15	49.01	42.09	42.39	42.12	41.49
48.0	15.39	20.64	26.49	31.24	26.40	18.94	11.79	15.32	18.95	20.47
51.0	3.463	4.589	10.47	14.99	9.945	3.321	2.995	3.108	6.605	8.857
54.0	2.316	2.529	3.060	5.784	2.681	2.197	1.920	2.110	2.348	3.133
57.0	1.276	1.434	1.810	2.079	1.665	1.231	1.037	1.185	1.488	1.692
60.0	0.6010	0.7024	0.9973	1.209	0.9141	0.5801	0.4500	0.5517	0.8001	0.9296
63.0	0.1871	0.2330	0.4523	0.5845	0.3997	0.1656	0.1493	0.1527	0.3361	0.4143
66.0	0.1269	0.0984	0.1386	0.2093	0.1188	0.0918	0.1248	0.1027	0.1054	0.1286
69.0	0.1072	0.0787	0.0941	0.0699	0.0876	0.0699	0.1029	0.0808	0.0897	0.0634
72.0	0.0550	0.0415	0.0722	0.0437	0.0635	0.0415	0.0657	0.0481	0.0722	0.0415
75.0	0.0372	0.0350	0.0373	0.0328	0.0394	0.0415	0.0591	0.0459	0.0481	0.0350
78.0	0.0372	0.0350	0.0350	0.0328	0.0372	0.0415	0.0568	0.0459	0.0459	0.0350
81.0	0.0372	0.0372	0.0350	0.0350	0.0350	0.0393	0.0525	0.0459	0.0459	0.0372
84.0	0.0372	0.0372	0.0350	0.0372	0.0350	0.0372	0.0524	0.0459	0.0415	0.0415
87.0	0.0372	0.0372	0.0371	0.0372	0.0350	0.0372	0.0481	0.0459	0.0415	0.0415
90.0	0.0372	0.0372	0.0372	0.0372	0.0394	0.0372	0.0459	0.0459	0.0415	0.0415

G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	1318	1317	1323	1323	1321	1321	1321	1320	1319	1319
3.0	1302	1302	1309	1309	1310	1309	1312	1312	1314	1314
6.0	1274	1274	1282	1281	1284	1285	1289	1292	1295	1298
9.0	1225	1226	1235	1238	1244	1246	1254	1256	1263	1265
12.0	1167	1171	1183	1185	1192	1197	1205	1210	1215	1217
15.0	1116	1121	1131	1132	1142	1146	1156	1160	1170	1171
18.0	1027	1031	1042	1039	1054	1056	1073	1084	1103	1109
21.0	849.3	853.0	868.4	864.4	883.6	889.0	916.8	932.9	964.5	974.6
24.0	659.8	663.2	681.2	679.2	694.7	701.4	725.2	742.3	771.2	778.3
27.0	529.9	538.4	551.6	548.7	552.2	550.6	568.9	585.8	606.6	606.2
30.0	427.5	432.6	442.1	437.5	439.4	431.7	449.5	458.0	475.3	476.0
33.0	319.7	322.4	329.1	327.7	332.5	327.9	340.7	344.9	355.4	358.0
36.0	215.5	216.3	222.2	222.4	231.6	231.5	242.0	240.8	248.9	248.6
39.0	131.1	132.3	138.0	138.3	147.6	151.6	158.0	155.9	162.0	159.6
42.0	73.11	70.91	74.78	77.98	87.20	92.35	95.55	93.08	95.46	93.99
45.0	36.46	32.12	32.18	36.52	46.73	51.63	53.37	47.35	46.55	47.48
48.0	15.59	10.18	7.670	11.69	21.09	26.63	25.33	18.10	14.53	17.92
51.0	5.272	2.866	2.904	2.948	7.004	11.65	9.325	3.564	3.307	3.764
54.0	2.221	1.889	1.803	1.932	2.409	4.041	2.720	2.288	2.229	2.433
57.0	1.370	1.015	0.9312	1.047	1.508	1.852	1.722	1.316	1.241	1.402
60.0	0.7104	0.4316	0.3636	0.4538	0.7849	1.043	0.9377	0.6290	0.5598	0.6902
63.0	0.2726	0.0983	0.0984	0.1274	0.3047	0.4869	0.4006	0.1934	0.1461	0.2242
66.0	0.0899	0.0743	0.0787	0.1028	0.0743	0.1669	0.0938	0.1116	0.0940	0.1203
69.0	0.0744	0.0611	0.0589	0.0853	0.0655	0.0788	0.0612	0.0897	0.0742	0.1006
72.0	0.0548	0.0394	0.0328	0.0504	0.0393	0.0635	0.0393	0.0527	0.0350	0.0657
75.0	0.0394	0.0394	0.0328	0.0460	0.0284	0.0372	0.0284	0.0415	0.0328	0.0438
78.0	0.0372	0.0394	0.0328	0.0437	0.0284	0.0350	0.0262	0.0372	0.0328	0.0415
81.0	0.0372	0.0394	0.0262	0.0415	0.0284	0.0306	0.0241	0.0350	0.0328	0.0372
84.0	0.0372	0.0394	0.0262	0.0350	0.0262	0.0284	0.0241	0.0350	0.0306	0.0350
87.0	0.0372	0.0394	0.0262	0.0306	0.0262	0.0284	0.0241	0.0306	0.0262	0.0328
90.0	0.0372	0.0394	0.0262	0.0262	0.0262	0.0262	0.0241	0.0262	0.0262	0.0284

G/C	300.0	315.0	330.0	345.0
0.0	1318	1318	1318	1317
3.0	1315	1316	1317	1317
6.0	1301	1302	1303	1303
9.0	1270	1270	1273	1272
12.0	1222	1220	1223	1221
15.0	1176	1174	1177	1176
18.0	1120	1125	1132	1127
21.0	1004	1014	1033	1029

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	802.2	807.8	830.0	832.4
27.0	613.2	611.5	625.4	633.3
30.0	481.2	471.8	484.3	483.1
33.0	365.4	355.4	363.8	359.5
36.0	257.4	250.8	254.3	247.5
39.0	165.8	161.9	162.5	156.2
42.0	97.61	97.23	95.65	91.16
45.0	53.48	54.22	53.07	46.76
48.0	25.52	28.05	26.04	19.81
51.0	10.04	13.40	10.85	4.967
54.0	3.129	5.471	3.598	2.583
57.0	1.936	2.226	2.025	1.505
60.0	1.088	1.318	1.156	0.7668
63.0	0.5010	0.6708	0.5513	0.2833
66.0	0.1350	0.2699	0.1764	0.1291
69.0	0.0699	0.1008	0.0808	0.1072
72.0	0.0480	0.0744	0.0589	0.0723
75.0	0.0284	0.0460	0.0284	0.0350
78.0	0.0262	0.0328	0.0284	0.0350
81.0	0.0262	0.0306	0.0262	0.0328
84.0	0.0263	0.0284	0.0262	0.0328
87.0	0.0284	0.0284	0.0262	0.0284
90.0	0.0262	0.0262	0.0262	0.0262

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: