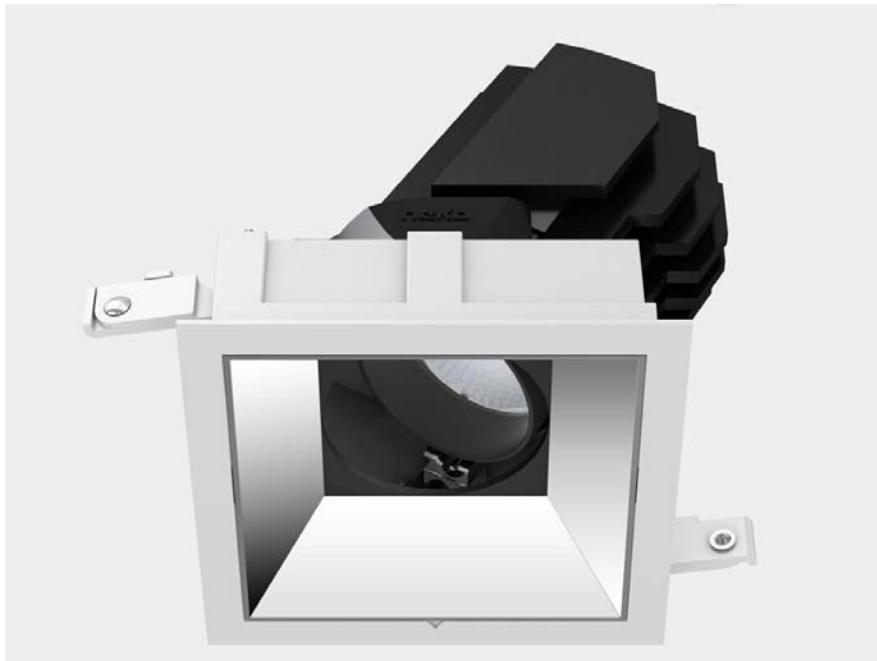


LED Downlight SENSE Series S125S1-18W-940-N



Light Output Ratio:	100.0%	
Luminaire Power:	19.56 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: 2017-07-18

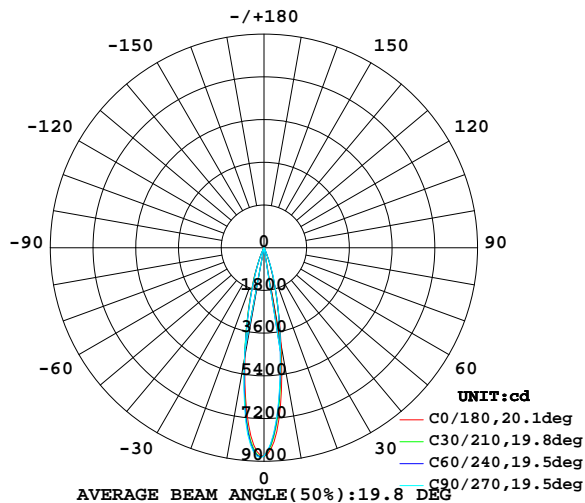
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

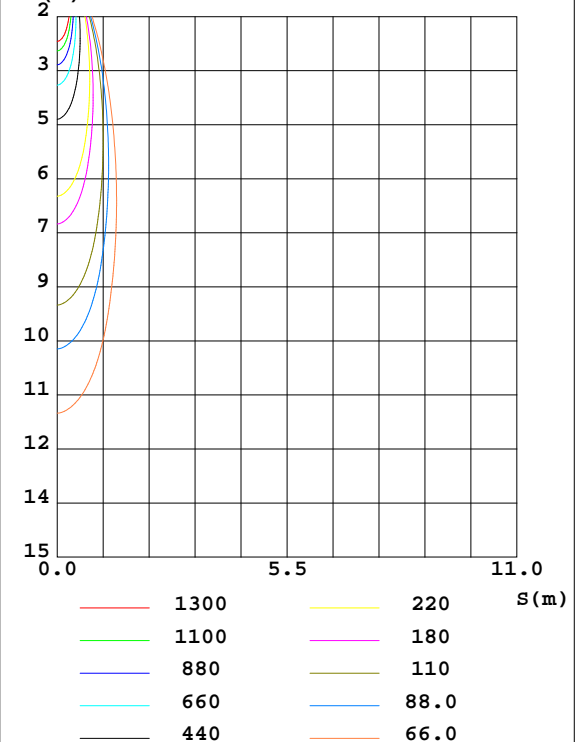
Test:U:220.4V I:0.0942A P:19.56W PF:0.9753 Lamp Flux:1363.9x1 lm		
NAME: S125S1-18W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L135mm*W135mm*H157mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 69.71 lm/W			
MODEL	CITIZEN-4000K	I <sub>max</sub> (cd)	8865	S/MH(C0/180)	0.36
NOMINAL POWER(W)	21	LOR(%)	100.0	S/MH(C90/270)	0.36
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	1363.9	η UP,DN(C0-180)	0.0,47.2
NOMINAL FLUX(lm)	1363.9	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,52.8
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)



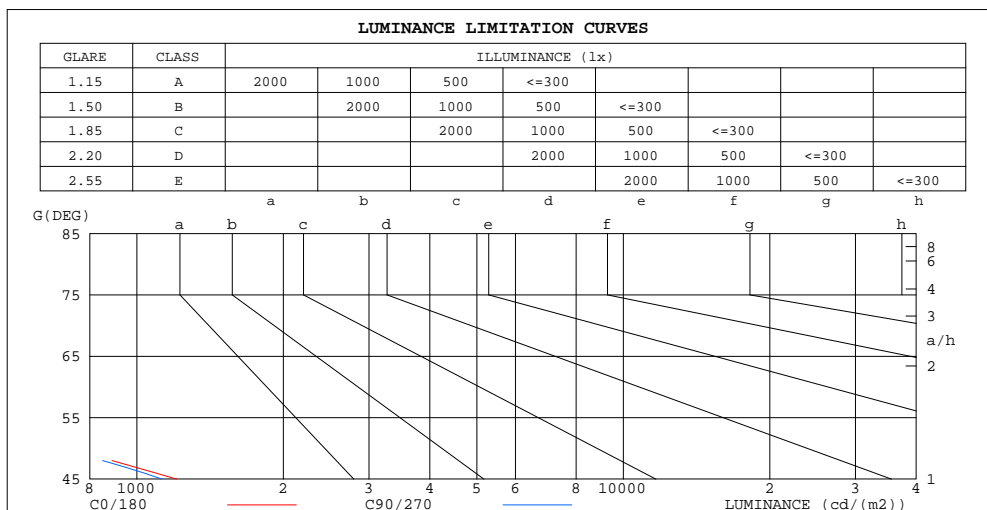
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-07-18

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	$\%lum, lamp$
10	4187	3991	3929	4162	4656	4689	4771	4734	0- 10	602.2	602.2	44.1,44.1
20	706.5	735.2	791.4	838.5	938.2	871.6	829.5	808.8	10- 20	596.0	1198	87.8,87.8
30	68.32	68.94	68.59	72.59	75.99	77.57	73.58	76.97	20- 30	120.0	1318	96.6,96.6
40	27.09	27.12	23.71	25.94	26.93	29.40	27.78	30.37	30- 40	28.40	1347	98.7,98.7
50	7.015	10.30	7.454	10.25	8.678	10.78	7.920	11.17	40- 50	12.95	1360	99.7,99.7
60	0.6609	1.765	0.8558	1.908	0.9197	1.836	0.7839	1.820	50- 60	3.836	1363	100,100
70	0.1228	0.1136	0.1600	0.1879	0.1658	0.1794	0.0936	0.1247	60- 70	0.4143	1364	100,100
80	0.0612	0.0459	0.0568	0.0590	0.0700	0.0634	0.0547	0.0525	70- 80	0.0798	1364	100,100
90	0.0503	0.0481	0.0525	0.0590	0.0700	0.0656	0.0547	0.0525	80- 90	0.0634	1364	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	36	33
80	19	18
75	15	13
70	20	26
65	26	34
60	73	94
55	259	289
50	599	636
45	1207	1127

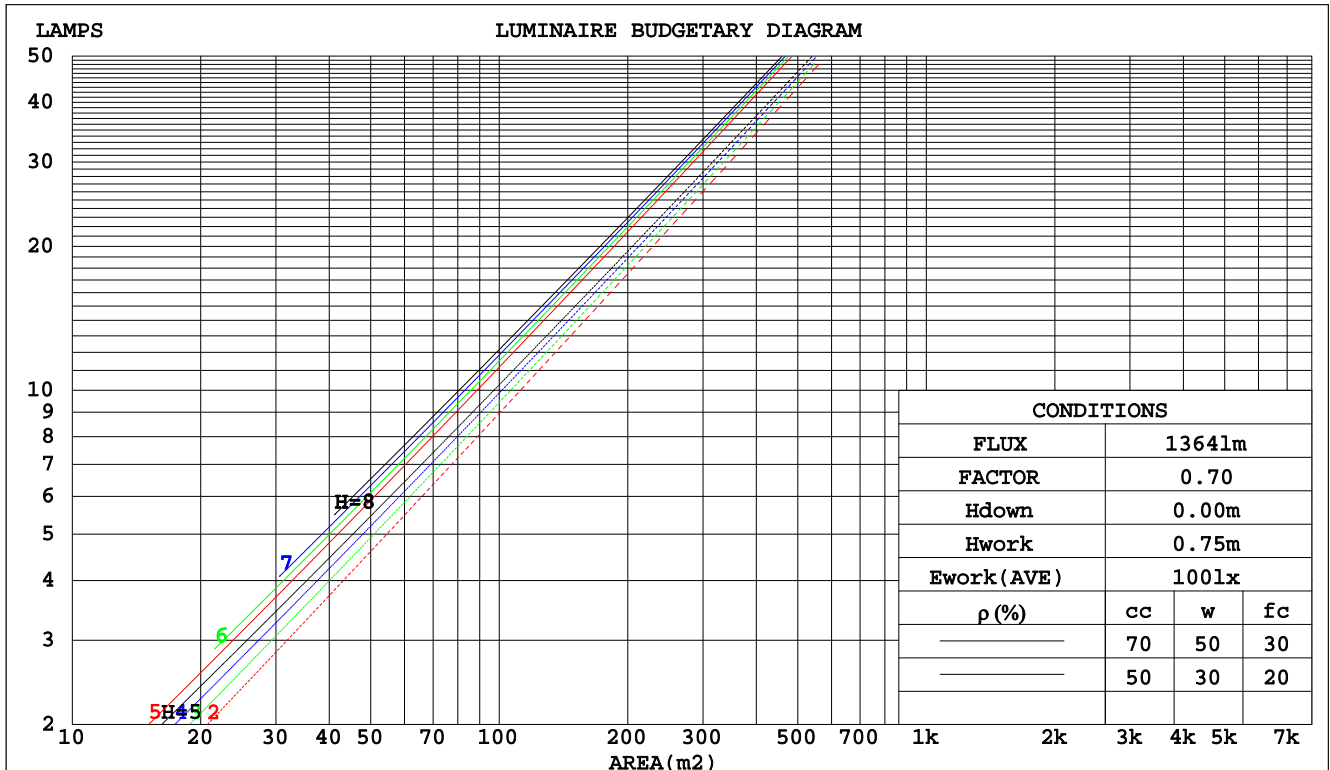
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-07-18

$\gamma$  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:220.4V I:0.0942A P:19.56W PF:0.9753 Lamp Flux:1363.9x1 lm		
NAME: S125S1-18W-940-N	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	1.00														
1.0	1.13	1.12	1.10	1.11	1.10	1.08	1.07	1.06	1.05	1.04	1.03	1.02	1.00	.00	.99	.97														
2.0	1.09	1.06	1.03	1.07	1.04	1.02	1.04	1.02	1.00	1.01	.99	.98	.98	.97	.96	.95														
3.0	1.04	1.01	.98	1.03	1.00	.98	1.01	.98	.96	.98	.96	.95	.96	.95	.93	.92														
4.0	1.01	.97	.95	.00	.97	.94	.98	.95	.93	.96	.94	.92	.94	.93	.91	.90														
5.0	.98	.94	.91	.97	.93	.91	.95	.92	.90	.94	.91	.89	.93	.90	.89	.88														
6.0	.95	.91	.88	.94	.91	.88	.93	.90	.88	.92	.89	.87	.91	.88	.87	.86														
7.0	.92	.89	.86	.92	.88	.86	.91	.88	.85	.90	.87	.85	.89	.86	.85	.84														
8.0	.90	.86	.84	.90	.86	.84	.89	.85	.83	.88	.85	.83	.87	.85	.83	.82														
9.0	.88	.84	.82	.87	.84	.82	.87	.84	.81	.86	.83	.81	.85	.83	.81	.80														
10.0	.86	.82	.80	.85	.82	.80	.85	.82	.80	.84	.81	.79	.84	.81	.79	.78														



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-07-18

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:220.4V I:0.0942A P:19.56W PF:0.9753 Lamp Flux:1363.9x1 lm		
NAME: S125S1-18W-940-N	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	.128	.073	.023	.121	.069	.022	.109	.063	.020	.098	.056	.018	.087	.051	.016		
2.0	.118	.065	.020	.112	.062	.019	.102	.057	.018	.093	.052	.016	.084	.048	.015		
3.0	.109	.058	.017	.105	.056	.017	.096	.052	.016	.088	.048	.015	.081	.045	.014		
4.0	.102	.053	.016	.098	.051	.015	.091	.048	.014	.084	.045	.014	.078	.043	.013		
5.0	.095	.049	.014	.092	.047	.014	.086	.045	.013	.081	.043	.013	.075	.040	.012		
6.0	.090	.045	.013	.087	.044	.013	.082	.042	.012	.077	.040	.012	.073	.038	.011		
7.0	.085	.042	.012	.083	.041	.012	.078	.040	.011	.074	.038	.011	.070	.037	.011		
8.0	.081	.040	.011	.079	.039	.011	.075	.037	.011	.071	.036	.010	.068	.035	.010		
9.0	.077	.037	.010	.075	.037	.010	.072	.036	.010	.069	.034	.010	.066	.033	.010		
10.0	.074	.035	.010	.072	.035	.010	.069	.034	.010	.066	.033	.009	.064	.032	.009		

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	.168	.158	.149	.144	.135	.128	.098	.093	.089	.057	.054	.051	.018	.017	.017	
2.0	.149	.133	.119	.128	.114	.103	.087	.079	.072	.050	.046	.042	.016	.015	.014	
3.0	.133	.113	.097	.114	.098	.084	.079	.068	.059	.045	.040	.035	.015	.013	.011	
4.0	.121	.098	.080	.103	.084	.070	.071	.059	.049	.041	.034	.029	.013	.011	.010	
5.0	.110	.085	.067	.094	.074	.058	.065	.052	.041	.038	.030	.025	.012	.010	.008	
6.0	.100	.075	.057	.086	.065	.050	.060	.046	.035	.035	.027	.021	.011	.009	.007	
7.0	.092	.067	.049	.080	.058	.042	.055	.041	.030	.032	.024	.018	.010	.008	.006	
8.0	.086	.060	.042	.074	.052	.037	.051	.036	.026	.030	.022	.016	.010	.007	.005	
9.0	.080	.054	.037	.069	.047	.032	.048	.033	.023	.028	.019	.014	.009	.006	.004	
10.0	.075	.049	.032	.065	.043	.028	.045	.030	.020	.026	.018	.012	.008	.006	.004	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-07-18

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:220.4V I:0.0942A P:19.56W PF:0.9753 Lamp Flux:1363.9x1 lm										
NAME: S125S1-18W-940-N					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	0.7	1.2	0.8	1.4	1.5	0.4	1.0	0.6	1.1	1.3
3H	0.5	1.1	0.7	1.2	1.4	0.2	0.8	0.5	1.0	1.2
4H	0.4	1.0	0.7	1.2	1.4	0.2	0.7	0.4	0.9	1.1
6H	0.4	0.8	0.6	1.1	1.3	0.1	0.6	0.4	0.8	1.0
8H	0.3	0.8	0.6	1.0	1.3	0.0	0.5	0.3	0.8	1.0
12H	0.3	0.7	0.6	1.0	1.2	-0.0	0.5	0.3	0.7	1.0
4H 2H	0.5	1.0	0.7	1.2	1.4	0.2	0.7	0.5	0.9	1.1
3H	0.3	0.8	0.6	1.0	1.3	0.0	0.5	0.3	0.8	1.0
4H	0.2	0.6	0.5	0.9	1.2	-0.1	0.4	0.3	0.7	1.0
6H	0.1	0.5	0.5	0.8	1.2	-0.2	0.2	0.2	0.5	0.9
8H	0.1	0.4	0.4	0.8	1.1	-0.2	0.1	0.2	0.5	0.8
12H	0.0	0.3	0.4	0.7	1.1	-0.3	0.1	0.1	0.4	0.8
8H 4H	0.1	0.4	0.4	0.8	1.1	-0.2	0.1	0.2	0.5	0.8
6H	-0.1	0.2	0.4	0.6	1.0	-0.3	-0.0	0.1	0.4	0.8
8H	-0.1	0.1	0.3	0.6	1.0	-0.4	-0.1	0.1	0.3	0.7
12H	-0.2	0.0	0.3	0.5	1.0	-0.5	-0.2	0.0	0.2	0.7
12H 4H	-0.0	0.3	0.4	0.7	1.1	-0.3	0.1	0.1	0.4	0.8
6H	-0.1	0.1	0.3	0.6	1.0	-0.4	-0.1	0.1	0.3	0.7
8H	-0.2	0.0	0.3	0.5	0.9	-0.5	-0.2	0.0	0.2	0.7
Variations with the observer position at spacings:										
S = 1.0H	+ 2.5 / -10.7					+ 2.5 / - 9.3				
1.5H	+ 3.5 / - 5.7					+ 3.3 / - 5.0				
2.0H	+ 5.4 / -13.7					+ 5.1 / -12.7				

CIE Pub.117 Corrected 1364 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.1)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-07-18

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:220.4V I:0.0942A P:19.56W PF:0.9753 Lamp Flux:1363.9x1 lm		
NAME: S125S1-18W-940-N	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	82	90	85	82	90	85	81	78
0.80	98	93	89	97	92	89	96	92	89	85
1.00	102	97	93	101	96	93	99	96	93	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:2017-07-18

$\gamma$  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:220.4V I:0.0942A P:19.56W PF:0.9753 Lamp Flux:1363.9x1 lm		
NAME: S125S1-18W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L135mm*W135mm*H157mm	
MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

1354.4 lm

%lum = 99.3%

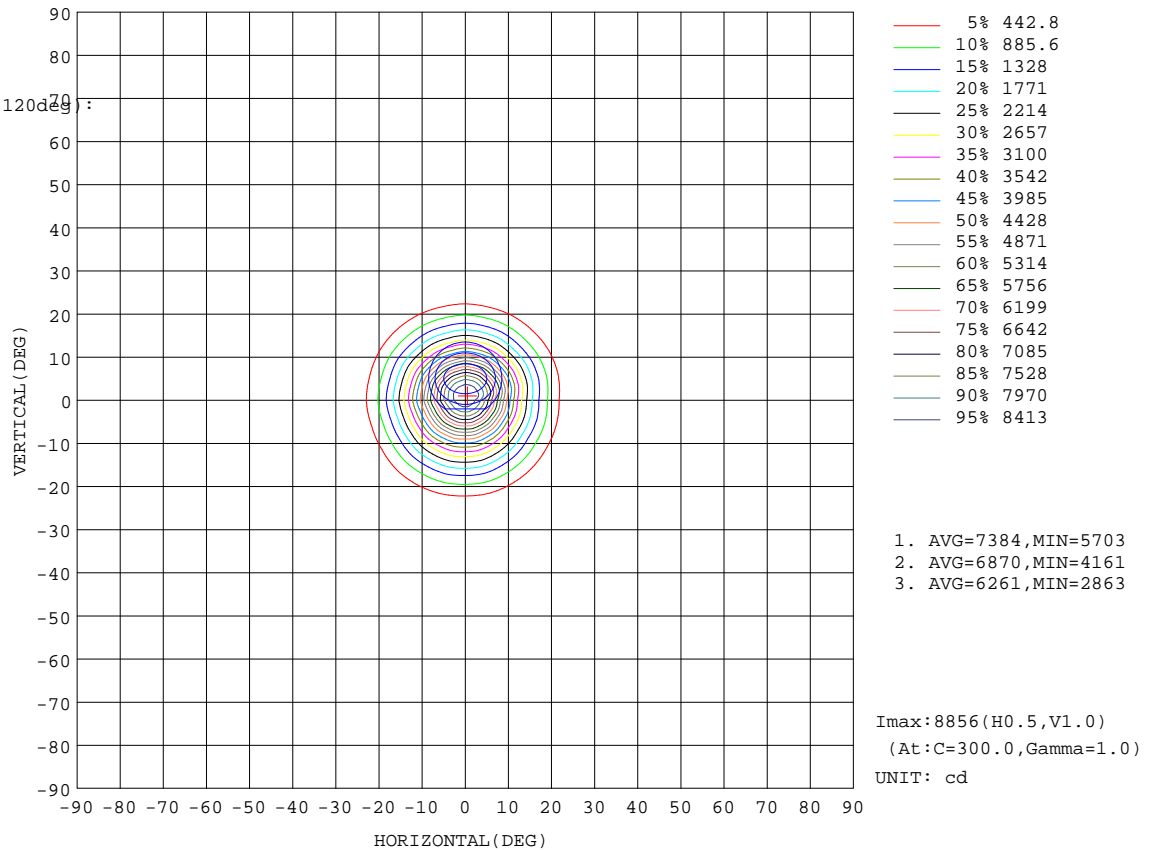
%lamp = 99.3%

Conical surface Flux(120deg):

1363.3 lm

%lum = 100.0%

%lamp = 100.0%



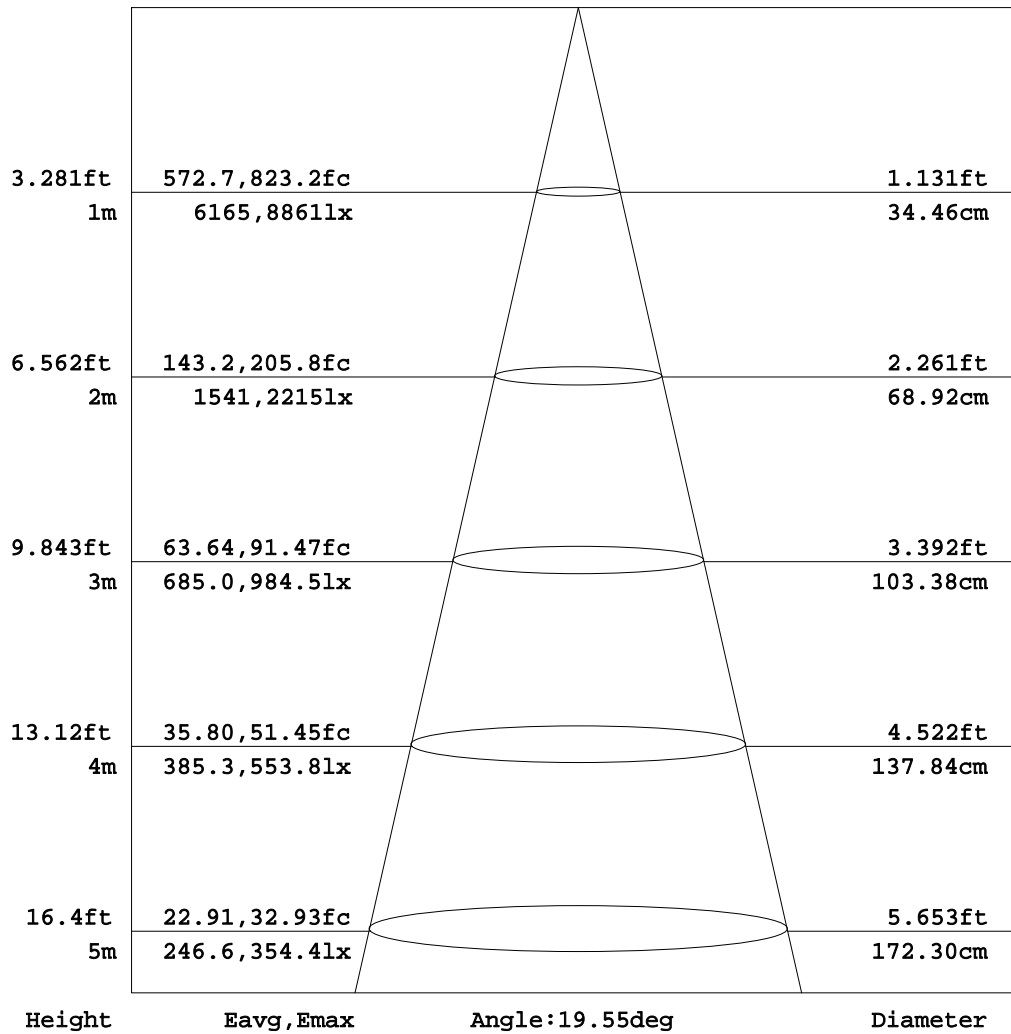
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-07-18

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:220.4V I:0.0942A P:19.56W PF:0.9753 Lamp Flux:1363.9x1 lm		
NAME: S125S1-18W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L135mm*W135mm*H157mm	
MFR.: NEKO LIGHTING AG		

Flux out:602.2 lm



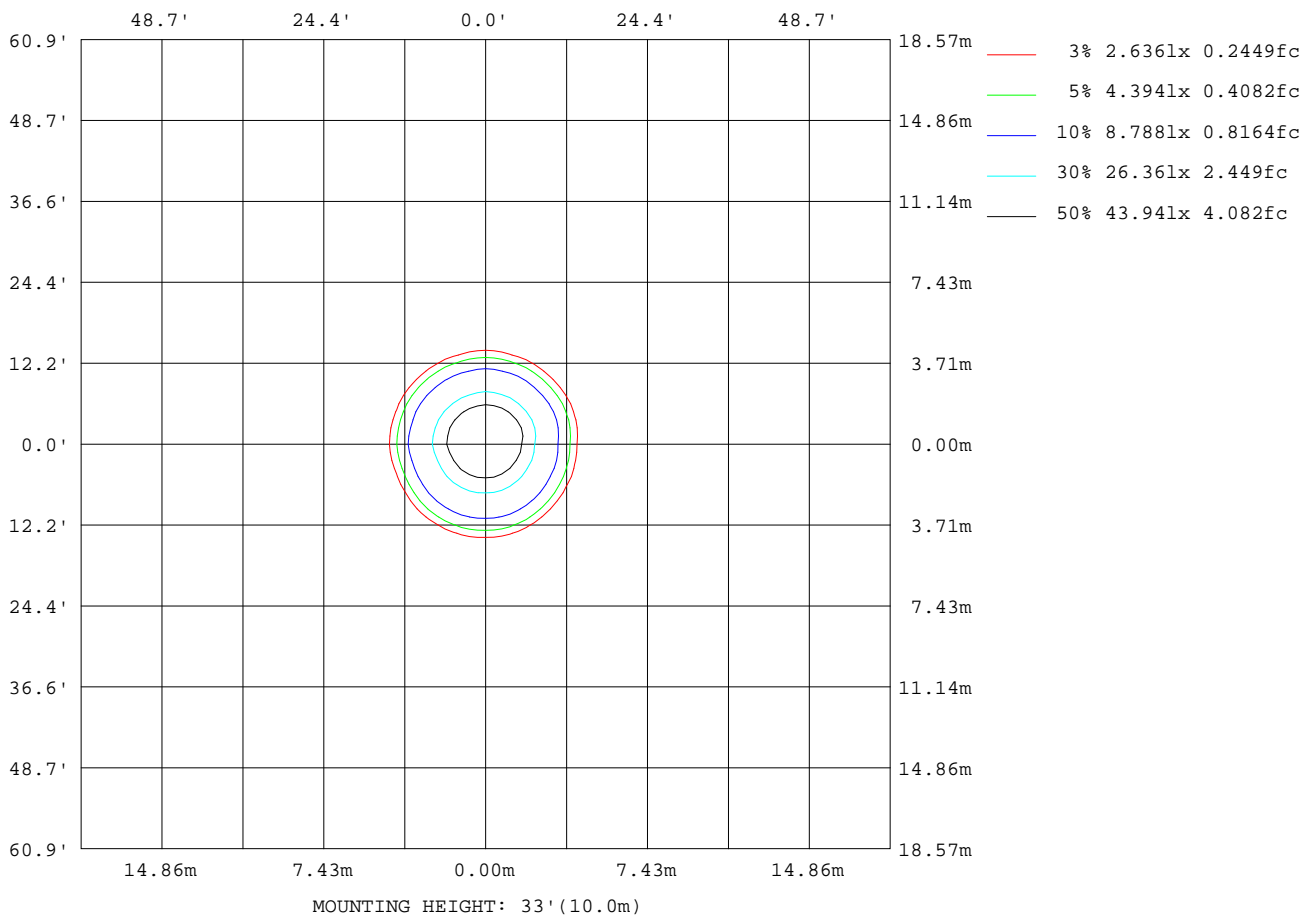
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-07-18

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

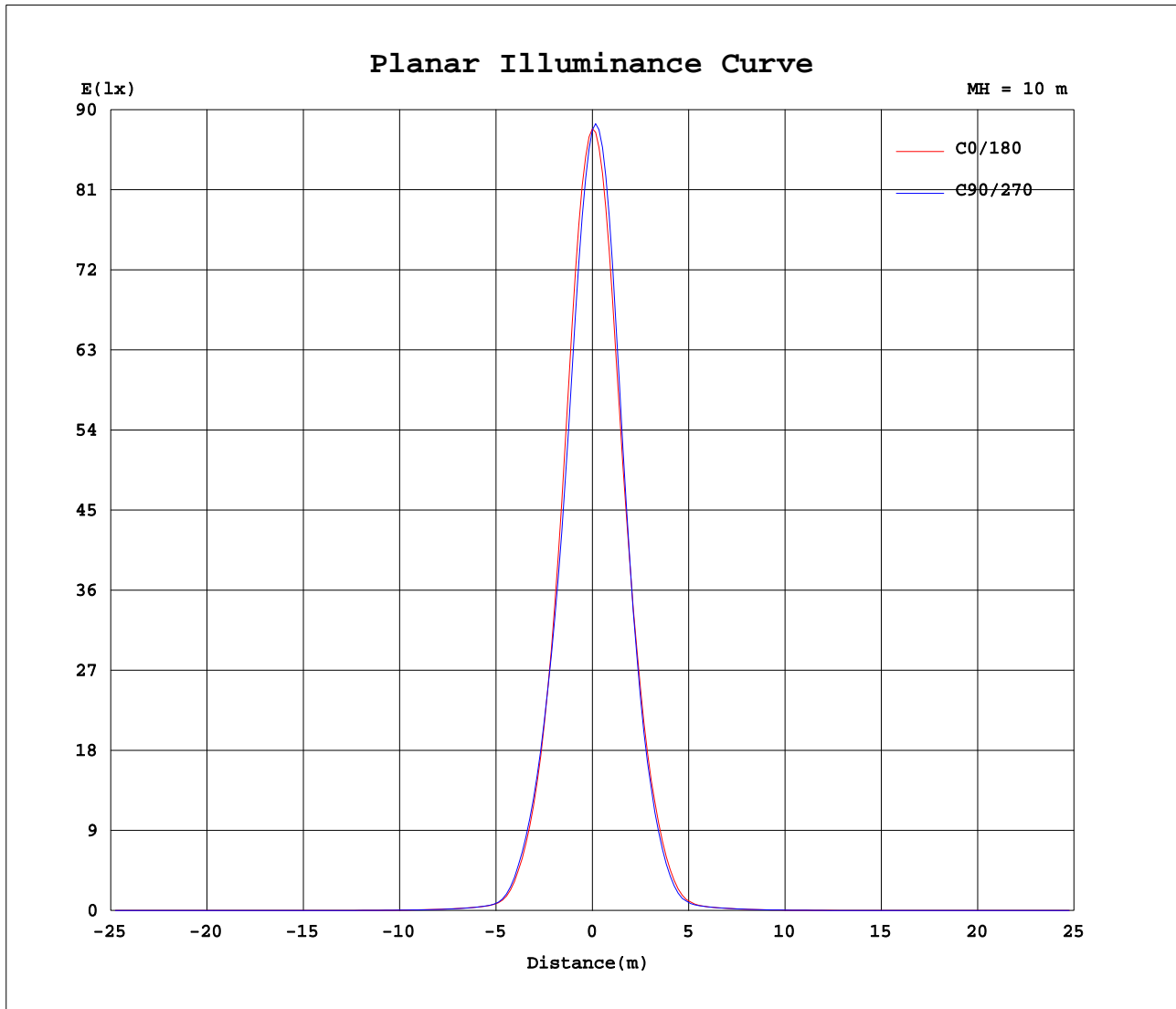
Test:U:220.4V I:0.0942A P:19.56W PF:0.9753 Lamp Flux:1363.9x1 lm		
NAME: S125S1-18W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L135mm*W135mm*H157mm	
MFR.: NEKO LIGHTING AG		



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-07-18

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: 2017-07-18

$\gamma$  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	8788	8789	8780	8792	8773	8788	8773	8795	8796	8818
3.0	8178	8115	7985	7962	7876	7896	7827	7886	7897	7982
6.0	6683	6589	6367	6330	6217	6247	6162	6253	6273	6403
9.0	4775	4715	4534	4522	4436	4482	4421	4516	4546	4679
12.0	3146	3124	3024	3060	3054	3107	3074	3146	3171	3265
15.0	1930	1935	1881	1929	1955	2017	2003	2056	2059	2113
18.0	1107	1122	1095	1131	1163	1210	1203	1241	1240	1269
21.0	557.6	558.4	556.4	569.7	603.8	625.6	629.4	643.9	643.3	660.9
24.0	215.3	220.6	213.7	224.9	235.3	251.1	247.2	262.0	266.2	276.3
27.0	100.2	100.6	99.27	99.97	102.0	103.0	103.3	108.5	112.1	115.8
30.0	68.32	68.27	68.39	68.94	68.53	67.71	68.59	69.99	71.13	72.59
33.0	50.72	51.75	51.08	52.42	50.21	49.07	49.45	51.29	51.78	54.21
36.0	38.95	39.78	38.97	39.18	37.82	35.75	36.07	37.63	38.12	40.12
39.0	29.77	30.77	30.07	29.93	28.21	26.37	26.24	27.24	27.99	28.89
42.0	21.80	22.30	22.21	22.05	20.91	19.68	19.58	20.10	20.80	21.09
45.0	15.55	15.75	16.03	16.39	15.71	14.68	14.52	15.08	15.69	15.95
48.0	10.84	11.24	11.89	12.47	11.74	10.69	10.37	11.06	11.82	12.25
51.0	5.990	6.352	8.328	9.259	8.327	6.771	6.160	6.948	8.569	9.303
54.0	3.358	3.784	4.681	6.315	4.881	3.974	3.690	4.094	5.089	6.582
57.0	1.665	1.964	2.726	3.412	2.803	2.157	1.962	2.277	2.950	3.655
60.0	0.6609	0.8547	1.353	1.765	1.417	1.003	0.8558	1.106	1.600	1.908
63.0	0.2258	0.2291	0.5341	0.7872	0.5930	0.3291	0.2923	0.3902	0.7288	0.9402
66.0	0.1925	0.1661	0.1755	0.2704	0.2086	0.2055	0.2472	0.2382	0.2854	0.3884
69.0	0.1554	0.1310	0.1466	0.1310	0.1750	0.1704	0.1926	0.1791	0.2232	0.2032
72.0	0.0722	0.0503	0.0965	0.0873	0.1228	0.0459	0.0658	0.0546	0.1490	0.1463
75.0	0.0700	0.0481	0.0612	0.0459	0.0568	0.0437	0.0634	0.0525	0.0700	0.0590
78.0	0.0678	0.0481	0.0568	0.0459	0.0525	0.0437	0.0568	0.0525	0.0678	0.0590
81.0	0.0612	0.0481	0.0525	0.0459	0.0481	0.0437	0.0525	0.0525	0.0634	0.0590
84.0	0.0568	0.0481	0.0503	0.0459	0.0459	0.0437	0.0525	0.0525	0.0612	0.0590
87.0	0.0547	0.0481	0.0481	0.0459	0.0437	0.0437	0.0525	0.0525	0.0590	0.0590
90.0	0.0503	0.0481	0.0481	0.0481	0.0437	0.0437	0.0525	0.0525	0.0590	0.0590

G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	8821	8840	8788	8789	8780	8792	8773	8788	8773	8795
3.0	8012	8120	8320	8365	8472	8498	8542	8550	8611	8606
6.0	6457	6610	6967	7014	7180	7181	7263	7248	7369	7343
9.0	4718	4865	5199	5219	5348	5301	5330	5285	5411	5376
12.0	3271	3372	3634	3608	3666	3590	3577	3513	3595	3567
15.0	2087	2151	2347	2302	2332	2251	2231	2167	2223	2192
18.0	1241	1276	1419	1363	1399	1326	1302	1259	1286	1262
21.0	635.8	657.2	744.2	715.4	724.0	685.3	664.5	638.4	644.4	638.4
24.0	263.4	273.6	320.6	303.0	304.0	278.3	267.1	251.9	257.1	248.0
27.0	115.4	117.7	138.9	126.0	133.5	118.3	114.4	109.2	111.8	111.4
30.0	70.97	70.61	75.99	76.69	78.17	77.57	74.96	72.00	73.58	74.81
33.0	52.16	50.92	54.55	56.23	58.11	59.66	56.47	52.97	54.67	56.14
36.0	38.95	37.72	40.56	42.06	43.70	43.96	43.24	39.47	41.20	43.01
39.0	28.63	27.74	29.80	30.55	31.87	32.75	32.55	29.47	30.72	32.47
42.0	21.40	20.45	22.07	22.63	23.74	23.69	23.68	21.66	22.77	23.88
45.0	15.94	15.25	16.36	16.67	17.43	17.37	17.20	15.75	16.33	17.12
48.0	11.92	11.01	11.62	11.98	12.84	13.11	12.59	11.26	11.24	12.02
51.0	8.408	6.557	6.696	7.333	9.194	9.720	8.872	6.731	6.334	6.761
54.0	4.711	3.766	3.865	3.979	5.157	6.734	5.062	3.965	3.664	3.851
57.0	2.674	2.021	2.024	2.160	2.889	3.574	2.937	2.180	1.928	2.105
60.0	1.381	0.9379	0.9197	1.008	1.520	1.836	1.594	0.9492	0.7839	0.9142
63.0	0.6169	0.3228	0.3075	0.3623	0.6601	0.8507	0.6685	0.2552	0.1813	0.2398
66.0	0.2523	0.2098	0.2120	0.2254	0.2183	0.3313	0.1835	0.1859	0.1616	0.1750
69.0	0.2100	0.1769	0.1878	0.1991	0.1661	0.1946	0.1486	0.1510	0.1178	0.1444
72.0	0.1426	0.0700	0.0765	0.0946	0.1263	0.1532	0.0980	0.0701	0.0547	0.0614
75.0	0.0744	0.0700	0.0743	0.0853	0.0678	0.0724	0.0634	0.0656	0.0547	0.0590
78.0	0.0722	0.0678	0.0700	0.0853	0.0678	0.0678	0.0634	0.0612	0.0547	0.0568
81.0	0.0700	0.0678	0.0700	0.0853	0.0722	0.0634	0.0634	0.0612	0.0547	0.0568
84.0	0.0700	0.0678	0.0700	0.0831	0.0722	0.0634	0.0634	0.0612	0.0547	0.0547
87.0	0.0678	0.0678	0.0700	0.0809	0.0722	0.0634	0.0634	0.0612	0.0547	0.0547
90.0	0.0678	0.0678	0.0700	0.0765	0.0722	0.0656	0.0634	0.0590	0.0547	0.0547

G/C	300.0	315.0	330.0	345.0
0.0	8796	8818	8821	8840
3.0	8621	8587	8570	8492
6.0	7390	7323	7318	7173
9.0	5440	5380	5389	5246
12.0	3620	3569	3593	3487
15.0	2229	2197	2226	2156
18.0	1283	1259	1280	1244
21.0	639.7	642.8	648.6	639.2

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
 Test Date: 2017-07-18

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	258.7	256.8	269.2	259.7
27.0	114.9	115.1	118.4	112.6
30.0	76.04	76.97	75.24	71.82
33.0	57.49	58.93	56.52	52.79
36.0	43.90	44.34	42.92	39.35
39.0	32.71	33.32	33.10	29.37
42.0	24.47	24.90	24.92	21.67
45.0	17.70	18.33	18.27	15.85
48.0	12.95	13.56	13.34	11.50
51.0	9.085	10.06	9.591	7.092
54.0	4.944	6.877	5.421	4.097
57.0	2.823	3.601	3.057	2.189
60.0	1.491	1.820	1.561	0.9775
63.0	0.6075	0.8115	0.6512	0.2967
66.0	0.1507	0.2854	0.1832	0.1816
69.0	0.1288	0.1378	0.1267	0.1575
72.0	0.0762	0.1072	0.0937	0.0726
75.0	0.0525	0.0570	0.0525	0.0678
78.0	0.0525	0.0525	0.0525	0.0678
81.0	0.0525	0.0525	0.0525	0.0656
84.0	0.0525	0.0525	0.0525	0.0634
87.0	0.0547	0.0525	0.0525	0.0612
90.0	0.0547	0.0525	0.0525	0.0547

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-07-18

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: