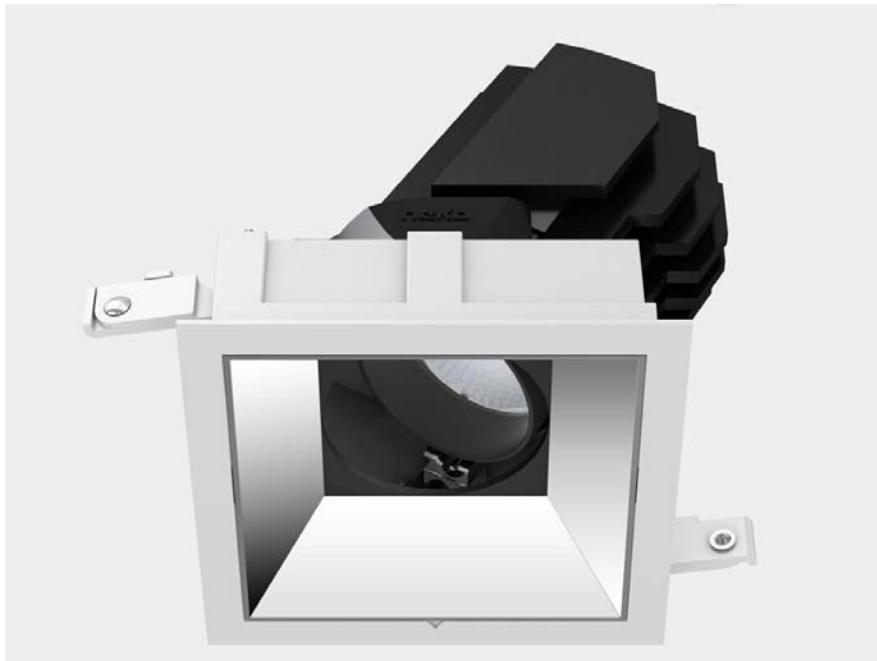


LED Downlight SENSE Series S125S1-18W-930-N



Light Output Ratio:	100.0%	
Luminaire Power:	19.52 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: 2017-07-17

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:

```

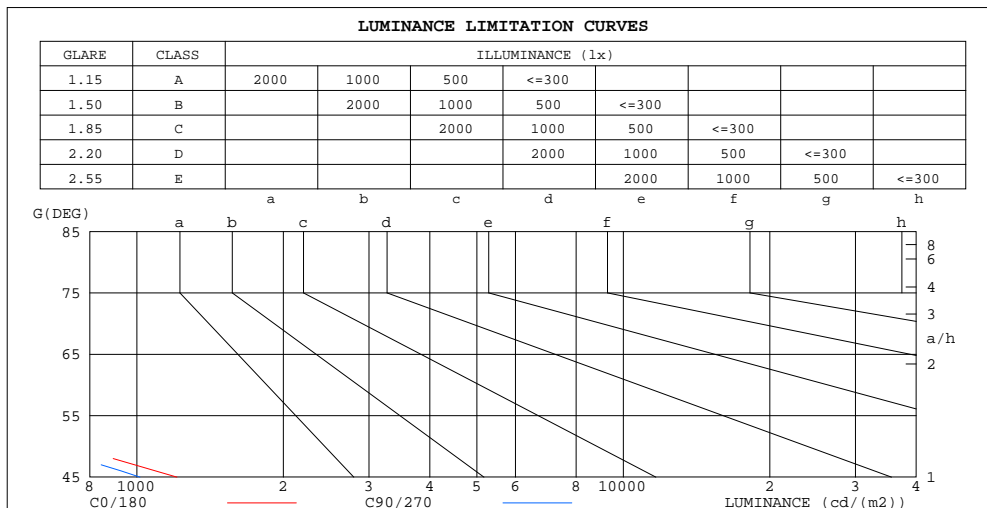
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:52%
Test Distance:5.850m [K=1.0000]
Remarks:

```

**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	4451	4149	3637	3463	3924	4023	4477	4896	0- 10	563.0	563.0	44.2,44.2
20	832.5	819.9	677.1	595.7	684.9	671.4	807.5	930.5	10- 20	558.5	1121	88,88
30	71.34	69.38	62.28	59.66	64.12	65.49	70.49	78.63	20- 30	110.8	1232	96.7,96.7
40	27.62	23.95	21.79	21.56	24.18	23.86	27.20	27.91	30- 40	26.57	1259	98.7,98.7
50	7.601	9.314	6.360	8.733	7.170	9.269	7.746	10.52	40- 50	12.08	1271	99.7,99.7
60	0.6938	1.680	0.6891	1.652	0.7318	1.457	0.6945	1.919	50- 60	3.514	1274	100,100
70	0.1270	0.1005	0.1424	0.1660	0.1284	0.1488	0.0891	0.1203	60- 70	0.3640	1275	100,100
80	0.0569	0.0459	0.0568	0.0525	0.0612	0.0481	0.0459	0.0459	70- 80	0.0683	1275	100,100
90	0.0503	0.0525	0.0547	0.0525	0.0590	0.0481	0.0459	0.0459	80- 90	0.0560	1275	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(°)	C0/180	C90/270
85	36	34
80	18	18
75	13	13
70	20	23
65	24	30
60	76	76
55	264	242
50	649	543
45	1208	1014

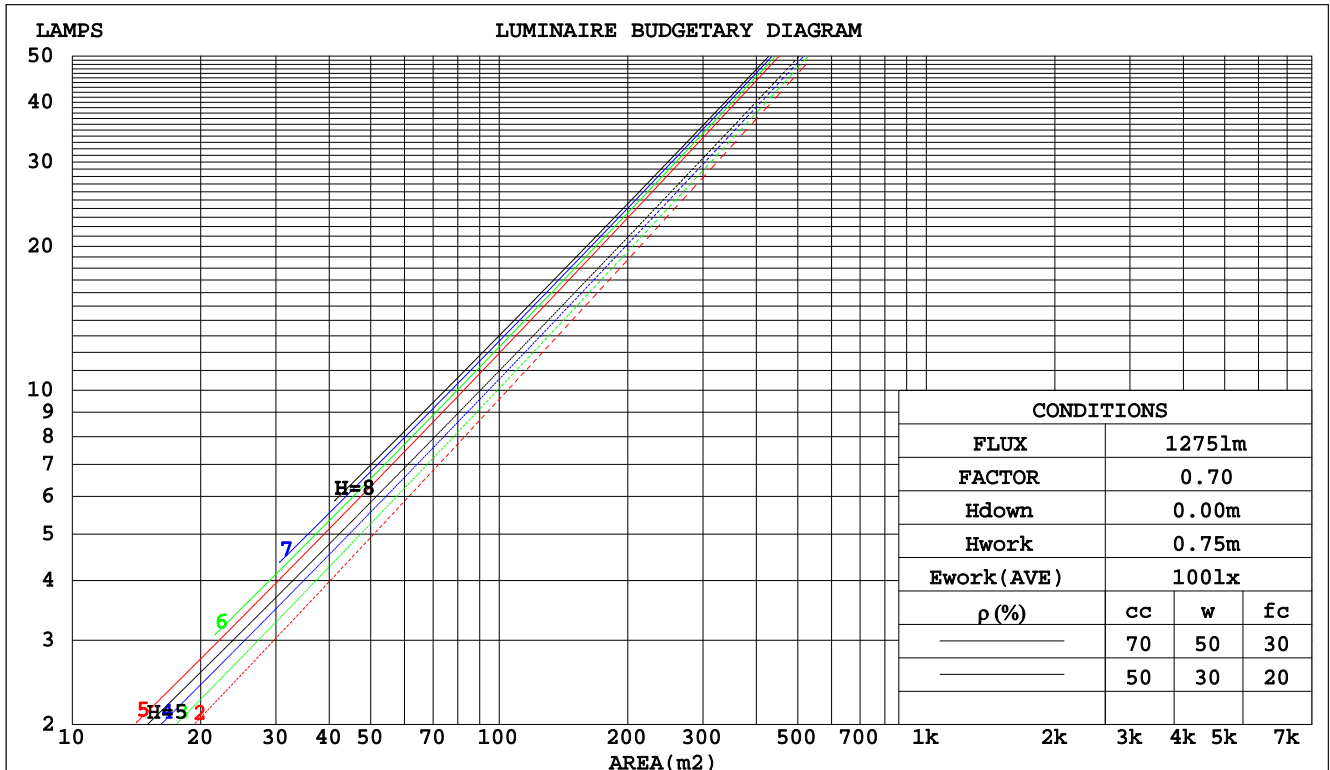
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-07-17

$\gamma$  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:0.0937A P:19.52W PF:0.9426 Lamp Flux:1274.98x1 lm		
NAME: S125S1-18W-930-N	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	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	.99	1.03	1.00	.98	1.01	.98	.96	.99	.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	.86	.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:2017-07-17

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:0.0937A P:19.52W PF:0.9426 Lamp Flux:1274.98x1 lm		
NAME: S125S1-18W-930-N	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	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	.064	.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	.039	.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	.120	.098	.080	.103	.084	.070	.071	.059	.049	.041	.034	.029	.013	.011	.010	
5.0	.110	.085	.067	.094	.074	.059	.065	.052	.041	.038	.030	.025	.012	.010	.008	
6.0	.100	.075	.057	.086	.065	.050	.059	.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	.021	.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:2017-07-17

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:0.0937A P:19.52W PF:0.9426 Lamp Flux:1274.98x1 lm										
NAME: S125S1-18W-930-N					TYPE:Downlight			SERIAL No.:		
SPEC.:3000K					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	1.3	0.9	1.5	1.6	0.2	0.8	0.4	0.9	1.1
3H	0.6	1.1	0.8	1.3	1.5	0.1	0.6	0.3	0.8	1.0
4H	0.5	1.0	0.8	1.2	1.5	-0.0	0.5	0.2	0.7	0.9
6H	0.4	0.9	0.7	1.2	1.4	-0.1	0.4	0.2	0.6	0.8
8H	0.4	0.9	0.7	1.1	1.4	-0.2	0.3	0.1	0.6	0.8
12H	0.3	0.8	0.7	1.1	1.3	-0.2	0.3	0.1	0.5	0.8
4H 2H	0.6	1.1	0.8	1.3	1.5	0.0	0.5	0.3	0.8	1.0
3H	0.4	0.9	0.7	1.1	1.4	-0.1	0.3	0.2	0.6	0.8
4H	0.3	0.7	0.6	1.0	1.3	-0.2	0.2	0.1	0.5	0.8
6H	0.2	0.6	0.6	0.9	1.2	-0.3	0.0	0.0	0.4	0.7
8H	0.1	0.5	0.5	0.8	1.2	-0.4	-0.0	-0.0	0.3	0.7
12H	0.1	0.4	0.5	0.8	1.2	-0.5	-0.1	-0.1	0.2	0.6
8H 4H	0.1	0.5	0.5	0.8	1.2	-0.4	-0.0	-0.0	0.3	0.7
6H	0.0	0.3	0.4	0.7	1.1	-0.5	-0.2	-0.1	0.2	0.6
8H	-0.0	0.2	0.4	0.6	1.1	-0.6	-0.3	-0.1	0.1	0.5
12H	-0.1	0.1	0.4	0.6	1.0	-0.6	-0.4	-0.2	0.0	0.5
12H 4H	0.1	0.4	0.5	0.8	1.2	-0.5	-0.1	-0.1	0.2	0.6
6H	-0.0	0.2	0.4	0.6	1.1	-0.6	-0.3	-0.1	0.1	0.5
8H	-0.1	0.1	0.4	0.6	1.0	-0.6	-0.4	-0.2	0.0	0.5
Variations with the observer position at spacings:										
S = 1.0H	+ 2.8 / -10.3					+ 2.5 / - 9.9				
1.5H	+ 3.8 / - 5.8					+ 3.1 / - 5.0				
2.0H	+ 5.6 / -13.6					+ 5.2 / -12.6				

CIE Pub.117 Corrected 1275 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.8)

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:0.0937A P:19.52W PF:0.9426 Lamp Flux:1274.98x1 lm		
NAME: S125S1-18W-930-N	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	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:2017-07-17

$\gamma$  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:0.0937A P:19.52W PF:0.9426 Lamp Flux:1274.98x1 lm		
NAME: S125S1-18W-930-N	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L135mm*W135mm*H157mm	
MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

1266.2 lm

%lum = 99.3%

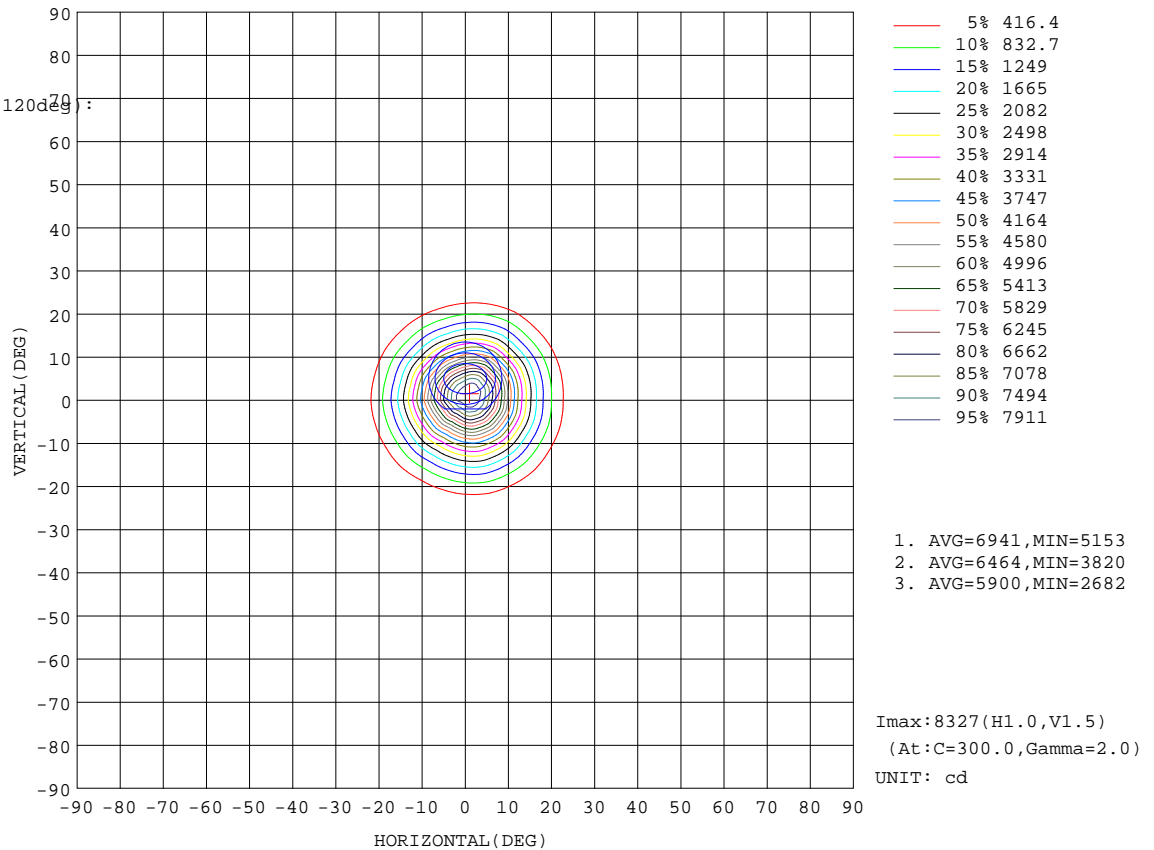
%lamp = 99.3%

Conical surface Flux(120deg):

1274.5 lm

%lum = 100.0%

%lamp = 100.0%



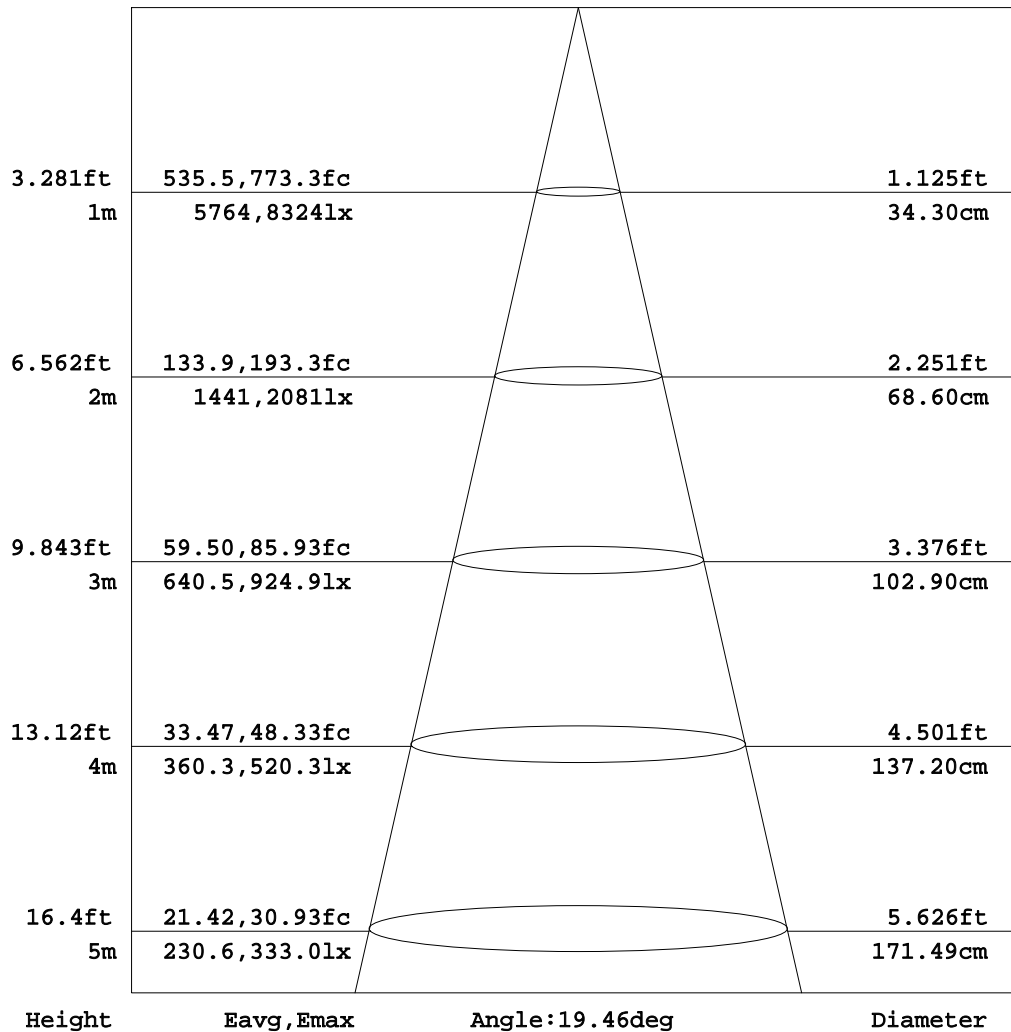
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-07-17

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:0.0937A P:19.52W PF:0.9426 Lamp Flux:1274.98x1 lm		
NAME: S125S1-18W-930-N	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L135mm*W135mm*H157mm	
MFR.: NEKO LIGHTING AG		

Flux out:563.0 lm



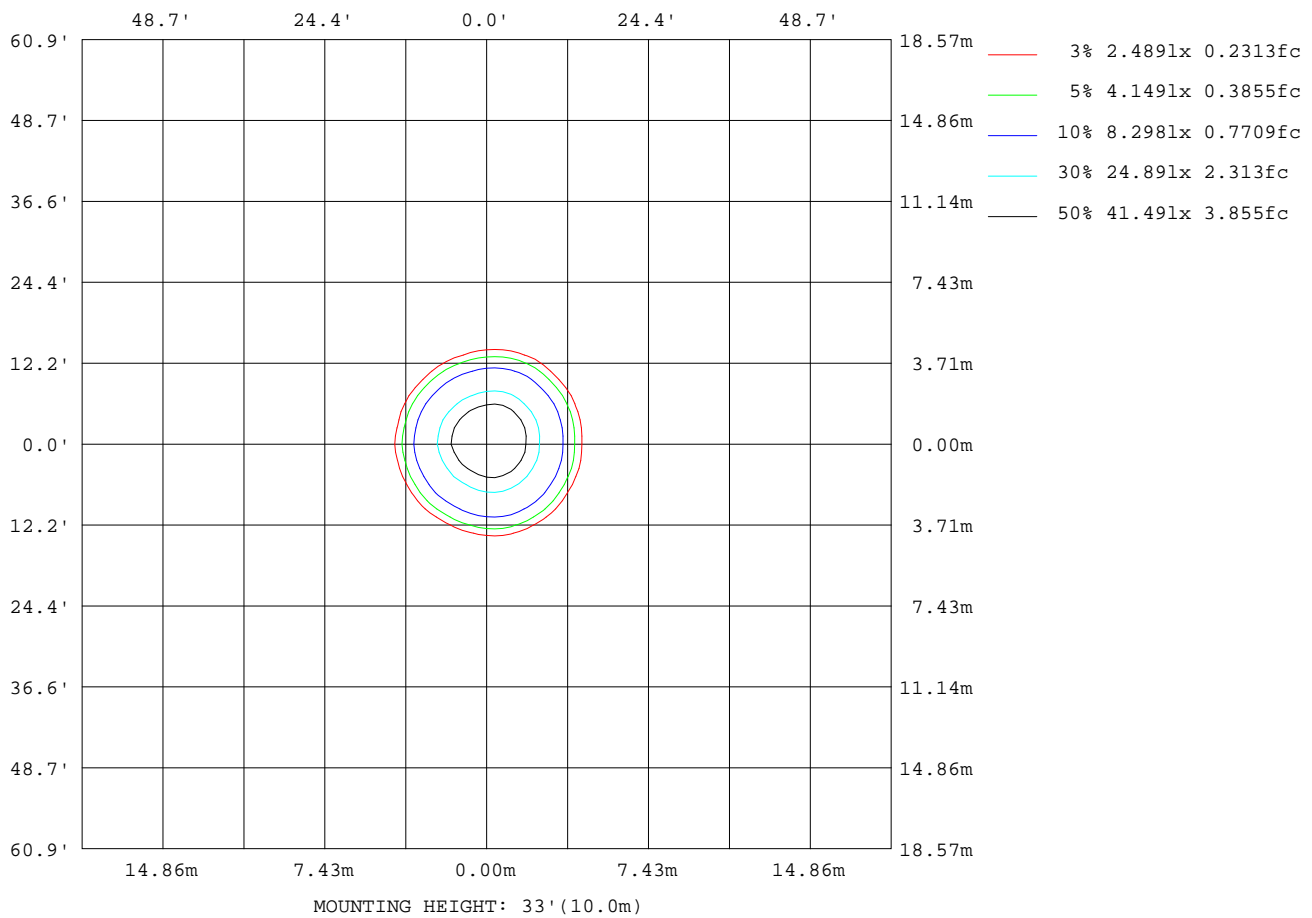
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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

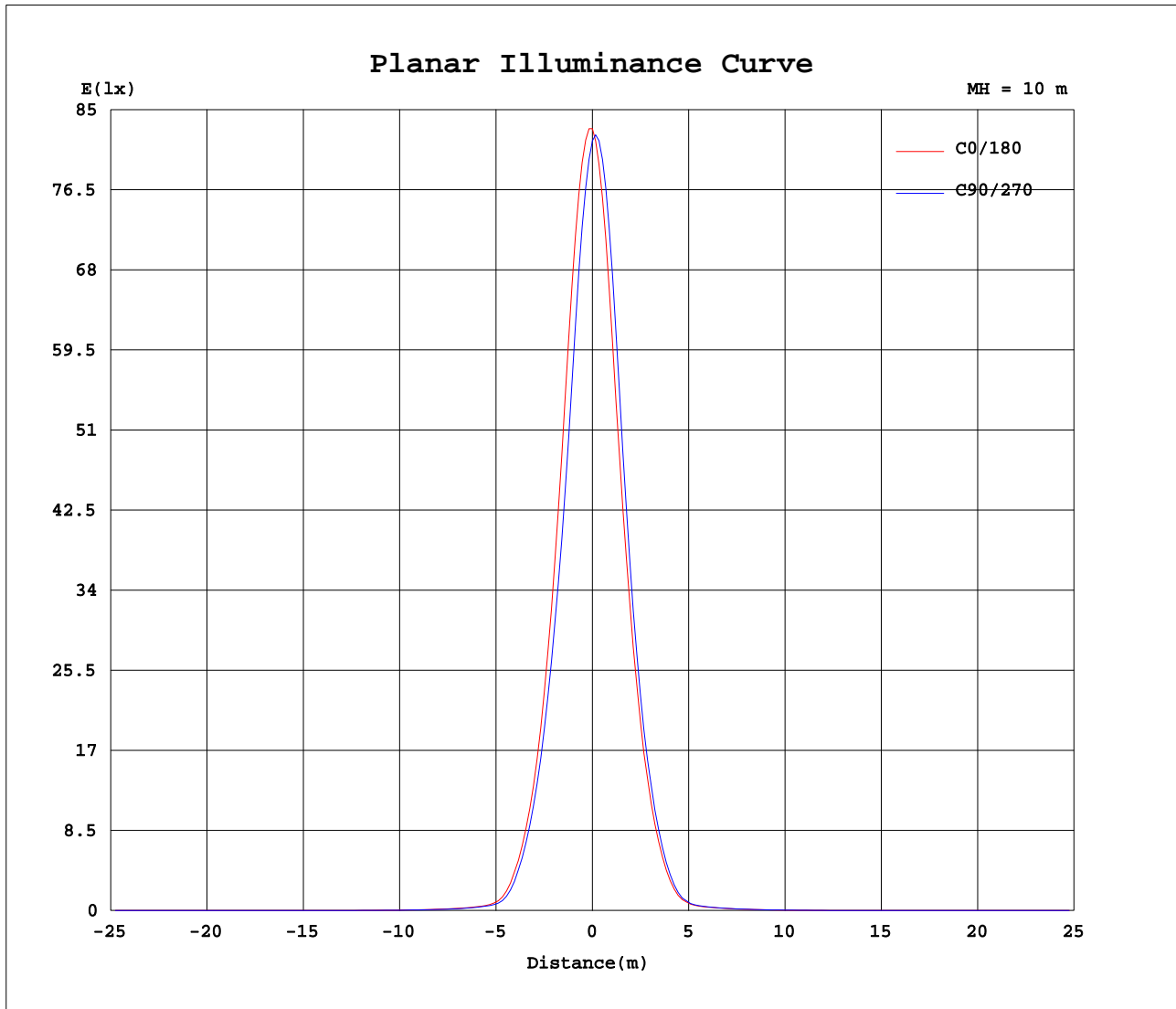
Test:U:220.7V I:0.0937A P:19.52W PF:0.9426 Lamp Flux:1274.98x1 lm		
NAME: S125S1-18W-930-N	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L135mm*W135mm*H157mm	
MFR.: NEKO LIGHTING AG		



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:

```

```

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	8298	8283	8277	8258	8213	8211	8169	8156	8119	8178
3.0	7974	7915	7779	7709	7535	7463	7288	7123	7008	7158
6.0	6757	6682	6439	6336	6080	5964	5711	5465	5319	5509
9.0	5019	4981	4754	4660	4429	4323	4091	3887	3757	3917
12.0	3417	3413	3268	3232	3076	3002	2822	2644	2543	2651
15.0	2153	2168	2077	2078	1978	1934	1793	1660	1578	1651
18.0	1259	1275	1226	1237	1179	1151	1052	958.5	904.0	947.2
21.0	656.0	669.6	636.7	646.4	618.8	587.7	532.7	456.6	426.3	456.7
24.0	273.0	279.9	261.3	264.3	242.9	233.4	200.0	173.0	162.5	176.6
27.0	114.3	113.5	108.9	107.5	103.8	98.76	90.35	84.62	83.30	86.09
30.0	71.34	71.11	70.06	69.38	68.43	66.09	62.28	59.63	58.65	59.66
33.0	52.48	52.31	50.73	51.27	49.62	48.20	45.27	43.94	43.39	44.90
36.0	39.68	39.24	37.58	36.59	36.31	34.86	32.89	32.25	32.36	32.88
39.0	30.41	29.90	27.63	26.67	26.44	25.44	24.17	23.44	23.94	23.83
42.0	22.22	21.81	20.29	19.57	19.55	18.60	17.77	17.33	17.60	17.78
45.0	15.57	15.55	14.95	14.78	14.74	13.88	13.07	12.96	13.33	13.54
48.0	10.90	11.05	11.15	11.27	10.99	10.15	9.305	9.360	9.999	10.50
51.0	5.974	6.561	7.893	8.381	7.846	6.137	5.509	5.427	6.988	7.872
54.0	3.395	3.721	4.502	5.733	4.538	3.590	3.130	3.196	3.992	5.374
57.0	1.748	1.988	2.547	3.225	2.588	1.921	1.590	1.696	2.264	3.089
60.0	0.6938	0.8722	1.289	1.680	1.309	0.8833	0.6891	0.7742	1.155	1.652
63.0	0.2108	0.2311	0.5120	0.7523	0.5513	0.2683	0.2543	0.2491	0.5094	0.7741
66.0	0.1772	0.1464	0.1581	0.2529	0.1845	0.1836	0.2188	0.2010	0.2364	0.2902
69.0	0.1466	0.1202	0.1269	0.1114	0.1597	0.1573	0.1729	0.1550	0.1882	0.1835
72.0	0.0656	0.0503	0.0920	0.0807	0.1227	0.0503	0.0614	0.0525	0.1076	0.1200
75.0	0.0612	0.0503	0.0547	0.0459	0.0525	0.0481	0.0590	0.0525	0.0591	0.0525
78.0	0.0590	0.0503	0.0525	0.0459	0.0503	0.0481	0.0568	0.0525	0.0568	0.0525
81.0	0.0568	0.0503	0.0503	0.0459	0.0481	0.0481	0.0547	0.0525	0.0547	0.0525
84.0	0.0568	0.0503	0.0503	0.0459	0.0481	0.0481	0.0547	0.0525	0.0525	0.0525
87.0	0.0547	0.0503	0.0503	0.0459	0.0481	0.0481	0.0547	0.0525	0.0525	0.0525
90.0	0.0503	0.0503	0.0503	0.0525	0.0481	0.0481	0.0547	0.0547	0.0525	0.0525

G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	8159	8184	8283	8277	8258	8213	8211	8169	8156	8178
3.0	7171	7315	7593	7610	7727	7748	7828	7890	8004	8182
6.0	5539	5757	6117	6144	6322	6352	6515	6610	6847	7165
9.0	3944	4142	4431	4432	4582	4568	4714	4790	5056	5413
12.0	2653	2791	2989	2977	3070	3039	3139	3189	3406	3685
15.0	1641	1725	1855	1830	1895	1858	1937	1964	2129	2317
18.0	939.7	991.2	1070	1045	1085	1063	1111	1133	1243	1366
21.0	452.5	483.6	528.6	521.5	530.0	526.0	544.6	571.8	628.3	710.4
24.0	176.6	192.1	212.3	202.8	207.6	196.2	209.4	216.9	252.6	295.7
27.0	88.46	91.87	98.13	95.46	98.03	93.97	97.12	97.87	106.6	121.0
30.0	60.13	61.57	64.12	65.03	65.53	65.49	65.75	67.89	70.49	75.29
33.0	45.20	46.48	48.46	48.99	49.59	49.32	49.54	51.08	52.63	56.53
36.0	33.58	34.10	35.94	37.46	38.64	35.77	37.21	38.58	39.58	42.92
39.0	24.55	25.18	26.61	27.28	28.63	26.42	28.29	29.24	29.90	32.29
42.0	18.64	19.09	19.99	20.18	21.03	19.49	20.94	21.59	22.03	24.00
45.0	14.24	14.25	14.76	14.87	15.46	14.63	15.48	15.50	15.75	17.31
48.0	10.68	10.31	10.48	10.72	11.51	11.21	11.48	11.04	11.02	12.36
51.0	7.537	5.791	5.790	5.919	8.107	8.335	8.050	6.226	6.103	7.568
54.0	4.221	3.441	3.350	3.457	4.442	5.597	4.494	3.569	3.493	4.110
57.0	2.474	1.864	1.732	1.853	2.483	3.031	2.564	1.814	1.723	2.169
60.0	1.278	0.8352	0.7318	0.8067	1.280	1.457	1.262	0.7629	0.6945	0.9492
63.0	0.5534	0.2533	0.2207	0.2373	0.5007	0.6491	0.4877	0.2067	0.1639	0.2575
66.0	0.2236	0.1989	0.1836	0.1925	0.1660	0.2326	0.1508	0.1662	0.1464	0.1619
69.0	0.1903	0.1638	0.1528	0.1684	0.1419	0.1597	0.1310	0.1379	0.1113	0.1379
72.0	0.1207	0.0590	0.0634	0.0682	0.0870	0.1204	0.0719	0.0526	0.0459	0.0529
75.0	0.0569	0.0568	0.0634	0.0656	0.0503	0.0547	0.0481	0.0503	0.0459	0.0459
78.0	0.0568	0.0568	0.0612	0.0656	0.0503	0.0481	0.0481	0.0503	0.0459	0.0459
81.0	0.0568	0.0568	0.0612	0.0656	0.0547	0.0481	0.0481	0.0459	0.0459	0.0459
84.0	0.0568	0.0568	0.0612	0.0656	0.0547	0.0481	0.0481	0.0459	0.0459	0.0459
87.0	0.0568	0.0568	0.0590	0.0656	0.0547	0.0481	0.0481	0.0459	0.0459	0.0459
90.0	0.0568	0.0568	0.0590	0.0634	0.0547	0.0481	0.0481	0.0459	0.0459	0.0459

G/C	300.0	315.0	330.0	345.0
0.0	8119	8178	8159	8184
3.0	8257	8208	8168	8058
6.0	7344	7226	7200	6987
9.0	5658	5512	5508	5277
12.0	3879	3759	3771	3612
15.0	2463	2370	2399	2283
18.0	1475	1400	1434	1341
21.0	776.9	736.5	752.4	706.1

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	336.6	318.2	328.9	304.2
27.0	142.4	128.9	141.1	124.0
30.0	79.67	78.63	78.46	75.16
33.0	58.87	57.96	57.52	55.31
36.0	44.61	42.75	43.85	42.30
39.0	34.05	31.12	33.58	32.28
42.0	25.48	22.67	25.32	23.77
45.0	18.59	16.72	18.08	16.74
48.0	13.53	12.64	13.14	11.92
51.0	9.671	9.540	9.293	7.196
54.0	5.671	6.731	5.305	3.922
57.0	3.127	3.759	2.944	2.112
60.0	1.655	1.919	1.528	0.9185
63.0	0.6794	0.8554	0.6140	0.2573
66.0	0.1679	0.2986	0.1527	0.1597
69.0	0.1158	0.1270	0.1070	0.1356
72.0	0.0784	0.1029	0.0784	0.0573
75.0	0.0415	0.0505	0.0459	0.0547
78.0	0.0416	0.0459	0.0459	0.0547
81.0	0.0437	0.0459	0.0459	0.0547
84.0	0.0437	0.0459	0.0459	0.0547
87.0	0.0459	0.0459	0.0459	0.0547
90.0	0.0459	0.0459	0.0459	0.0525

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: