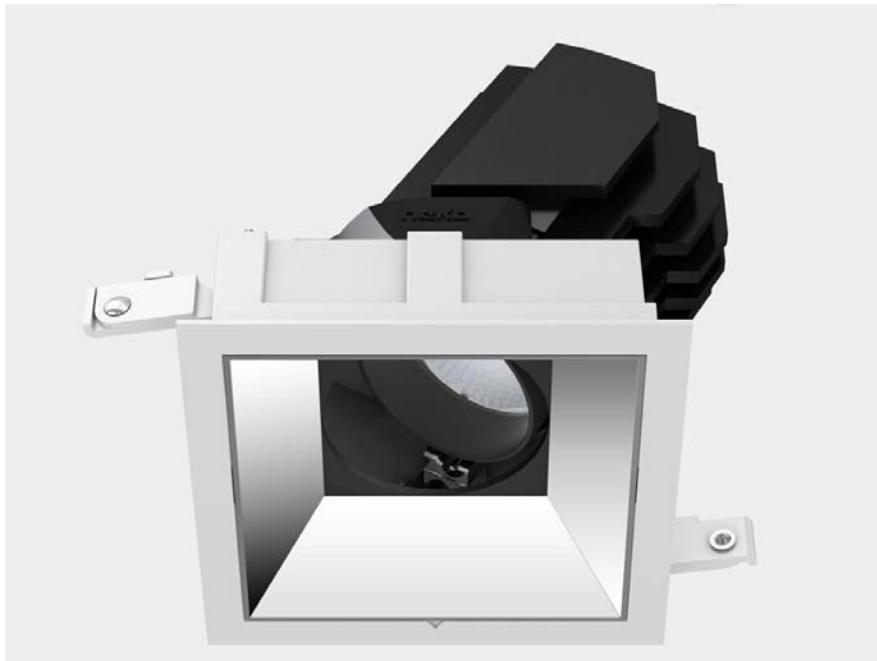


LED Downlight SENSE Series S150S1-25W-940-N



Light Output Ratio:	100.0%	
Luminaire Power:	27.63 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: 2017-06-21

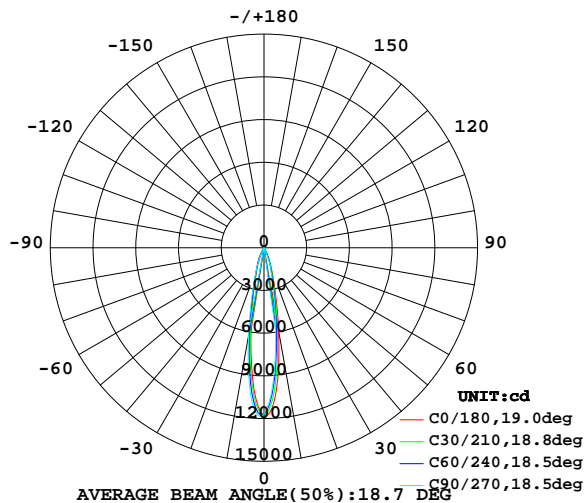
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

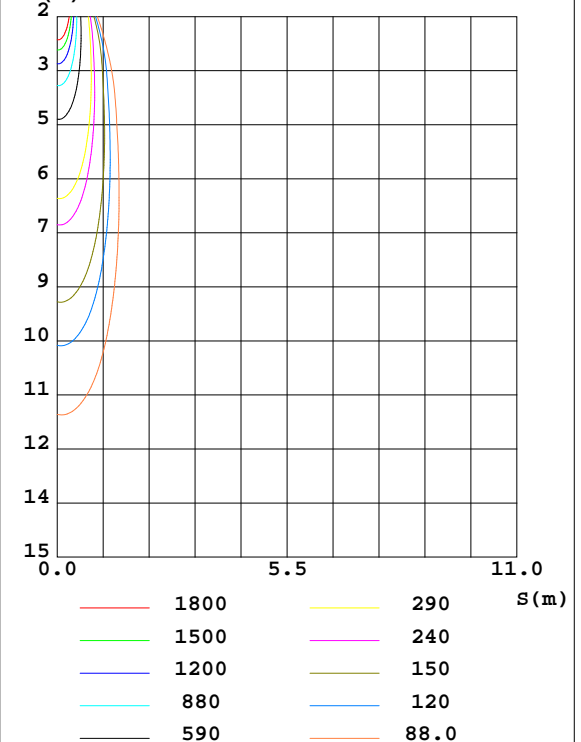
Test:U:220.6V I:0.1312A P:27.63W PF:0.9545 Lamp Flux:1956.13x1 lm		
NAME: S150S1-25W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L162mm*W162mm*H188mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 70.80 lm/W			
MODEL	CITIZEN-4000K	Imax(cd)	11888	S/MH(C0/180)	0.31
NOMINAL POWER(W)	28	LOR(%)	100.0	S/MH(C90/270)	0.36
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	1956.1	$\eta$ UP,DN(C0-180)	0.0,46.0
NOMINAL FLUX(lm)	1956.13	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	0.0,54.0
LAMPS INSIDE	1	$\eta$ up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220	$\eta$ down(%)	100.0	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



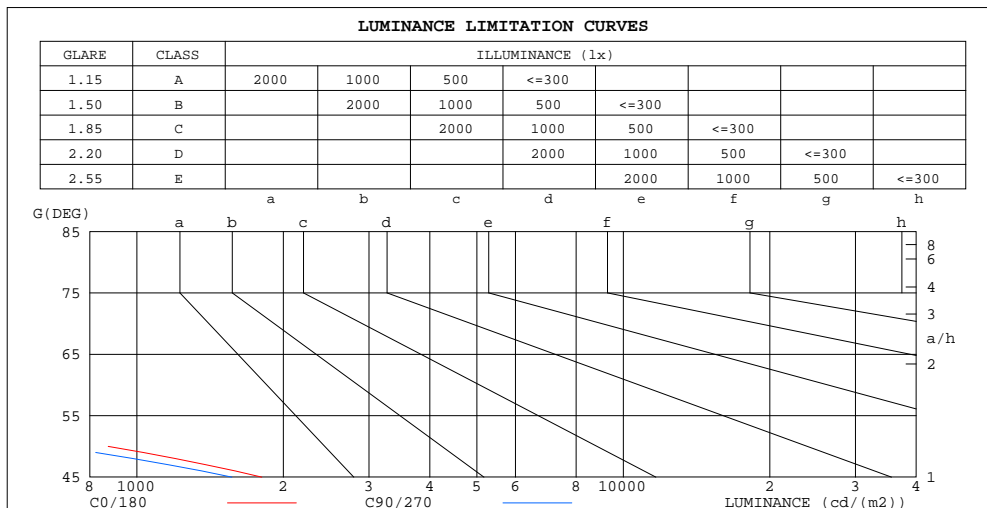
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-21

$\gamma$  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	593.0	514.3	453.9	459.2	510.2	555.0	625.5	649.9	0- 10	773.8	773.8	39.6,39.6
20	149.8	141.1	116.6	128.7	124.9	145.1	152.8	168.0	10- 20	771.6	1545	79,79
30	14.99	27.52	11.83	23.73	12.92	31.29	15.33	41.32	20- 30	310.8	1856	94.9,94.9
40	5.573	7.041	5.198	6.437	5.194	6.898	5.666	7.331	30- 40	63.49	1920	98.1,98.1
50	1.473	2.194	0.9200	1.937	1.245	2.398	1.810	2.687	40- 50	28.98	1949	99.6,99.6
60	0.1139	0.2222	0.0847	0.2147	0.1162	0.2777	0.1515	0.3036	50- 60	6.375	1955	99.9,99.9
70	0.0427	0.0245	0.0440	0.0371	0.0447	0.0429	0.0412	0.0315	60- 70	0.7421	1956	100,100
80	0.0119	0.0125	0.0180	0.0199	0.0152	0.0120	0.0068	0.0085	70- 80	0.1972	1956	100,100
90	0.0109	0.0109	0.0140	0.0175	0.0171	0.0114	0.0066	0.0079	80- 90	0.1353	1956	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: $\times 10cd$									UNIT: lm		



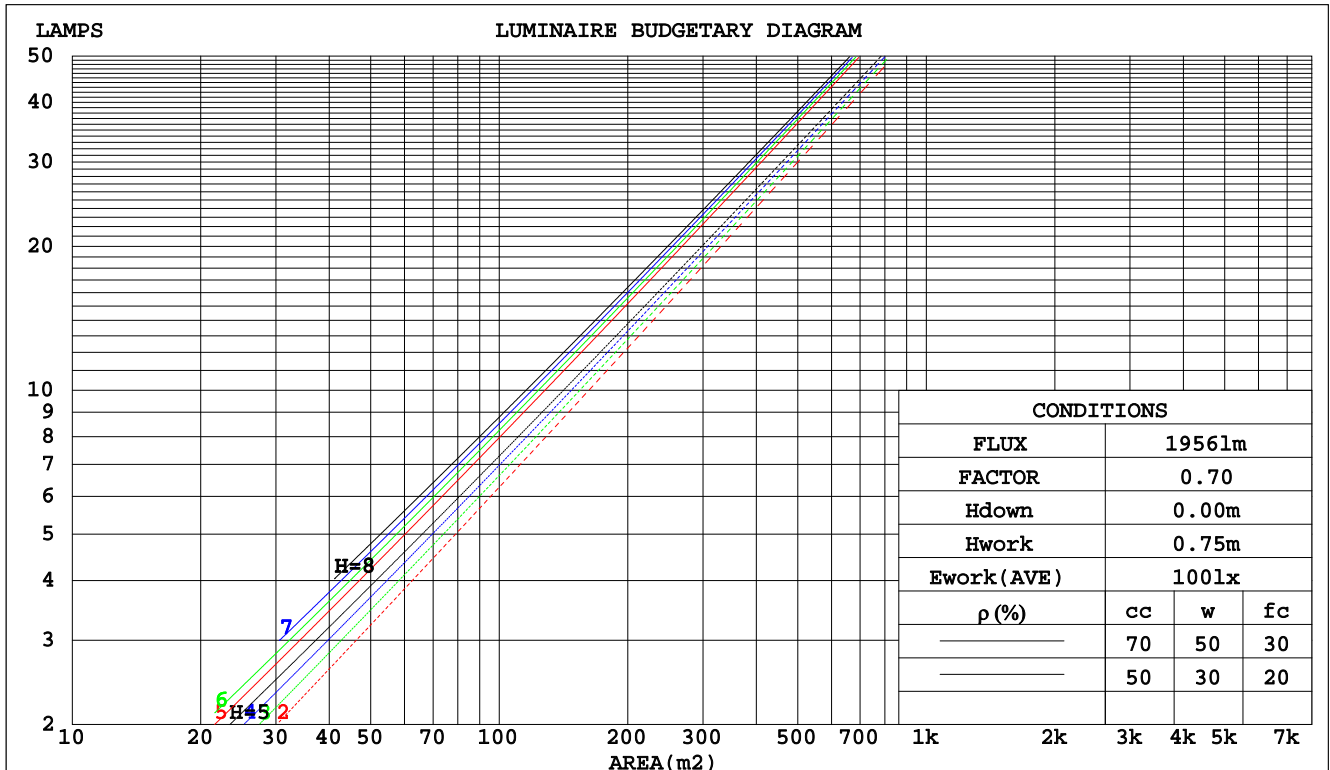
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-06-21

$\gamma$  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:220.6V I:0.1312A P:27.63W PF:0.9545 Lamp Flux:1956.13x1 lm		
NAME: S150S1-25W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L162mm*W162mm*H188mm	
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	1.11	1.09	1.11	1.09	1.08	1.07	1.06	1.04	1.03	1.02	1.01	.00	.99	.98	.97														
2.0	1.08	1.05	1.02	1.06	1.04	1.01	1.03	1.01	.99	1.00	.99	.97	.98	.96	.95	.94														
3.0	1.03	.00	.97	1.02	.99	.96	.00	.97	.95	.97	.95	.93	.95	.93	.92	.91														
4.0	.99	.96	.93	.98	.95	.92	.96	.93	.91	.95	.92	.90	.93	.91	.89	.88														
5.0	.96	.92	.89	.95	.91	.89	.93	.90	.88	.92	.89	.87	.91	.88	.86	.85														
6.0	.93	.89	.86	.92	.88	.85	.91	.87	.85	.89	.87	.84	.88	.86	.84	.83														
7.0	.90	.86	.83	.89	.85	.83	.88	.85	.82	.87	.84	.82	.86	.84	.82	.81														
8.0	.87	.83	.80	.87	.83	.80	.86	.82	.80	.85	.82	.80	.84	.81	.79	.78														
9.0	.85	.81	.78	.84	.81	.78	.84	.80	.78	.83	.80	.78	.82	.79	.77	.76														
10.0	.83	.79	.76	.82	.78	.76	.82	.78	.76	.81	.78	.76	.80	.77	.75	.75														



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-21

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:220.6V I:0.1312A P:27.63W PF:0.9545 Lamp Flux:1956.13x1 lm		
NAME: S150S1-25W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L162mm*W162mm*H188mm	
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	.135	.077	.024	.128	.073	.023	.116	.066	.021	.104	.060	.019	.094	.054	.018	
2.0	.125	.068	.021	.119	.066	.020	.109	.061	.019	.100	.056	.018	.091	.052	.016	
3.0	.116	.062	.019	.112	.060	.018	.103	.056	.017	.095	.052	.016	.088	.049	.015	
4.0	.109	.057	.017	.105	.055	.016	.098	.052	.016	.091	.049	.015	.085	.046	.014	
5.0	.103	.052	.015	.099	.051	.015	.093	.049	.014	.088	.046	.014	.082	.044	.013	
6.0	.097	.049	.014	.094	.048	.014	.089	.046	.013	.084	.044	.013	.079	.042	.012	
7.0	.092	.045	.013	.090	.045	.013	.085	.043	.012	.081	.041	.012	.077	.040	.012	
8.0	.088	.043	.012	.086	.042	.012	.082	.041	.012	.078	.039	.011	.074	.038	.011	
9.0	.084	.040	.011	.082	.040	.011	.078	.039	.011	.075	.038	.011	.072	.037	.011	
10.0	.080	.038	.011	.078	.038	.011	.075	.037	.010	.072	.036	.010	.070	.035	.010	

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	.148	.144	.135	.128	.098	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.150	.133	.118	.128	.114	.102	.088	.079	.071	.051	.046	.042	.016	.015	.014	
3.0	.135	.113	.096	.116	.098	.083	.079	.068	.058	.046	.040	.034	.015	.013	.011	
4.0	.122	.098	.079	.105	.085	.069	.072	.059	.048	.042	.035	.029	.013	.011	.009	
5.0	.112	.086	.066	.096	.074	.058	.066	.052	.041	.038	.030	.024	.012	.010	.008	
6.0	.103	.075	.056	.088	.065	.049	.061	.046	.034	.035	.027	.020	.011	.009	.007	
7.0	.095	.067	.048	.082	.058	.042	.057	.041	.030	.033	.024	.018	.011	.008	.006	
8.0	.089	.060	.041	.076	.052	.036	.053	.037	.025	.031	.022	.015	.010	.007	.005	
9.0	.083	.055	.036	.071	.048	.031	.049	.033	.022	.029	.020	.013	.009	.006	.004	
10.0	.078	.050	.031	.067	.043	.027	.047	.031	.020	.027	.018	.012	.009	.006	.004	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-21

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:220.6V I:0.1312A P:27.63W PF:0.9545 Lamp Flux:1956.13x1 lm		
NAME: S150S1-25W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L162mm*W162mm*H188mm	
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	3.5	4.2	3.7	4.3	4.5	2.8	3.5	3.0	3.6	3.8
3H	3.4	4.0	3.6	4.2	4.4	2.7	3.3	2.9	3.5	3.7
4H	3.3	3.9	3.6	4.1	4.3	2.6	3.2	2.9	3.4	3.6
6H	3.2	3.8	3.5	4.0	4.2	2.5	3.1	2.8	3.3	3.5
8H	3.2	3.7	3.5	4.0	4.2	2.5	3.0	2.8	3.3	3.5
12H	3.1	3.6	3.4	3.9	4.2	2.5	3.0	2.8	3.2	3.5
4H 2H	3.3	3.9	3.6	4.1	4.3	2.6	3.2	2.9	3.4	3.6
3H	3.2	3.7	3.5	3.9	4.2	2.5	3.0	2.8	3.2	3.5
4H	3.1	3.5	3.4	3.8	4.1	2.4	2.8	2.7	3.1	3.4
6H	3.0	3.4	3.3	3.7	4.0	2.3	2.7	2.6	3.0	3.4
8H	2.9	3.3	3.3	3.6	4.0	2.2	2.6	2.6	3.0	3.3
12H	2.9	3.2	3.3	3.6	4.0	2.2	2.5	2.6	2.9	3.3
8H 4H	2.9	3.3	3.3	3.6	4.0	2.2	2.6	2.6	3.0	3.3
6H	2.8	3.1	3.2	3.5	3.9	2.1	2.4	2.5	2.8	3.2
8H	2.7	3.0	3.2	3.4	3.9	2.1	2.3	2.5	2.7	3.2
12H	2.7	2.9	3.1	3.4	3.8	2.0	2.2	2.5	2.7	3.1
12H 4H	2.9	3.2	3.3	3.6	4.0	2.2	2.5	2.6	2.9	3.3
6H	2.7	3.0	3.2	3.4	3.9	2.1	2.3	2.5	2.7	3.2
8H	2.7	2.9	3.1	3.4	3.8	2.0	2.2	2.5	2.7	3.1
Variations with the observer position at spacings:										
S = 1.0H	+ 2.7 / -12.4					+ 2.8 / -13.4				
1.5H	+ 3.2 / - 8.1					+ 3.2 / - 8.1				
2.0H	+ 6.2 / -14.0					+ 5.9 / -15.0				

CIE Pub.117 Corrected 1956 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.3)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-21

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:220.6V I:0.1312A P:27.63W PF:0.9545 Lamp Flux:1956.13x1 lm		
NAME: S150S1-25W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L162mm*W162mm*H188mm	
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	90	85	81	90	84	81	89	84	81	78
0.80	97	92	89	97	92	89	96	91	88	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	107	103	100	106	102	100	104	101	99	94
2.00	110	106	103	108	105	102	106	103	101	96
2.50	111	108	105	110	106	104	107	104	102	96
3.00	113	109	107	111	108	106	107	105	104	97
4.00	114	112	110	112	110	109	109	107	106	99
5.00	116	114	112	113	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:2017-06-21

$\gamma$  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:220.6V I:0.1312A P:27.63W PF:0.9545 Lamp Flux:1956.13x1 lm		
NAME: S150S1-25W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L162mm*W162mm*H188mm	
MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

1937.7 lm

%lum = 99.1%

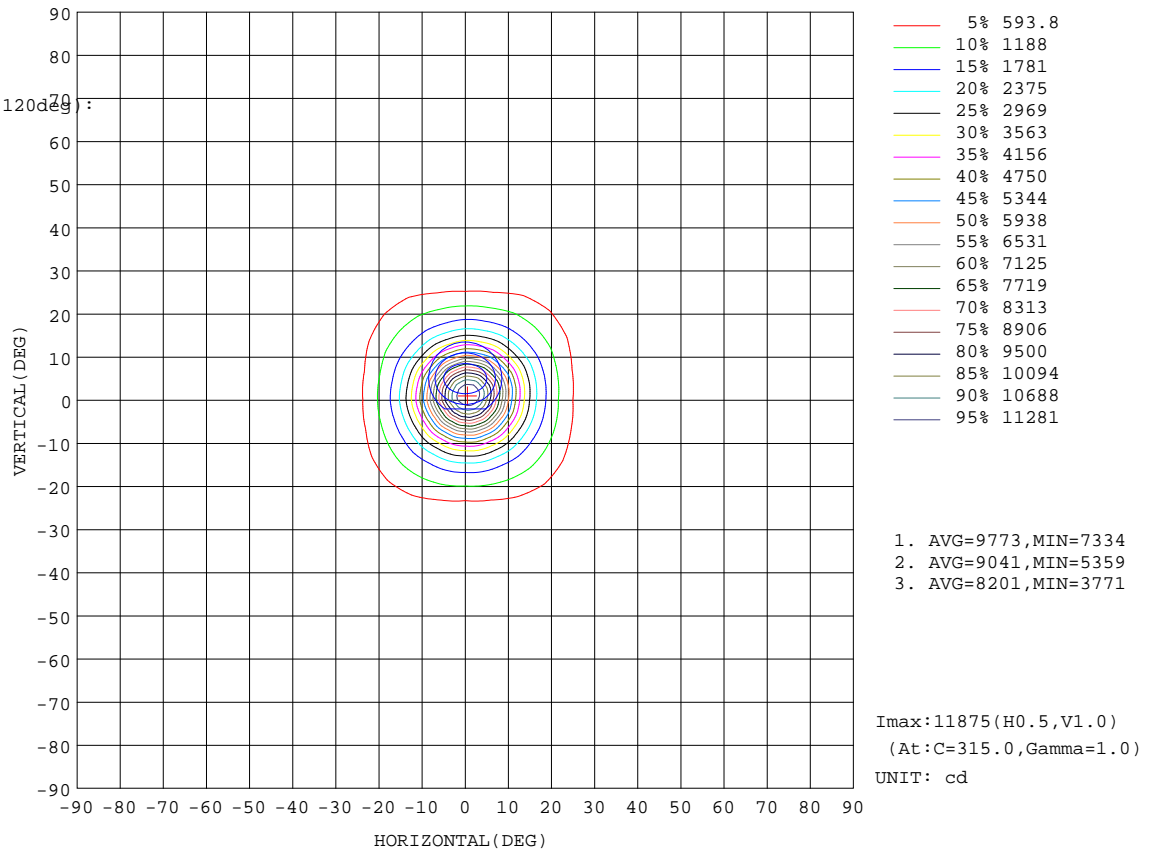
%lamp = 99.1%

Conical surface Flux(120deg):

1955.1 lm

%lum = 99.9%

%lamp = 99.9%



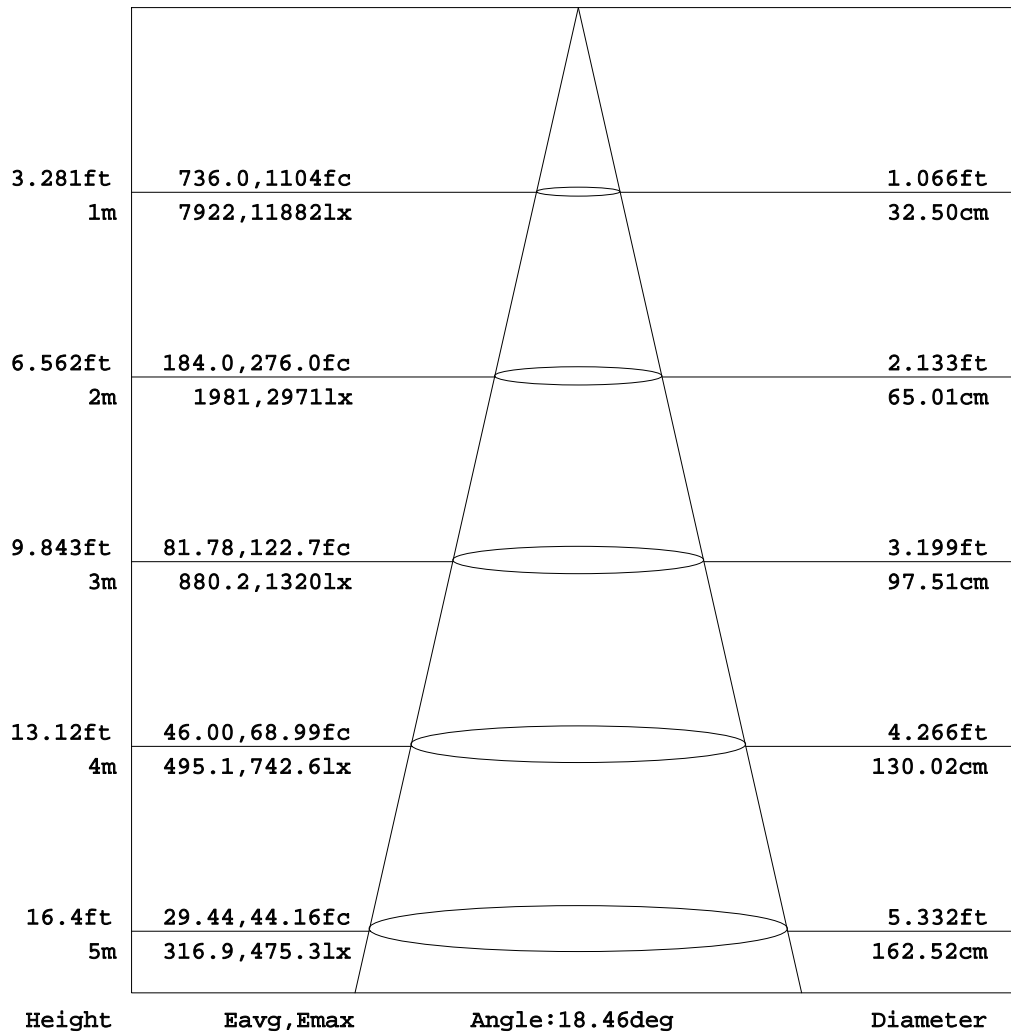
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-21

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:220.6V I:0.1312A P:27.63W PF:0.9545 Lamp Flux:1956.13x1 lm		
NAME: S150S1-25W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L162mm*W162mm*H188mm	
MFR.: NEKO LIGHTING AG		

Flux out:773.8 lm



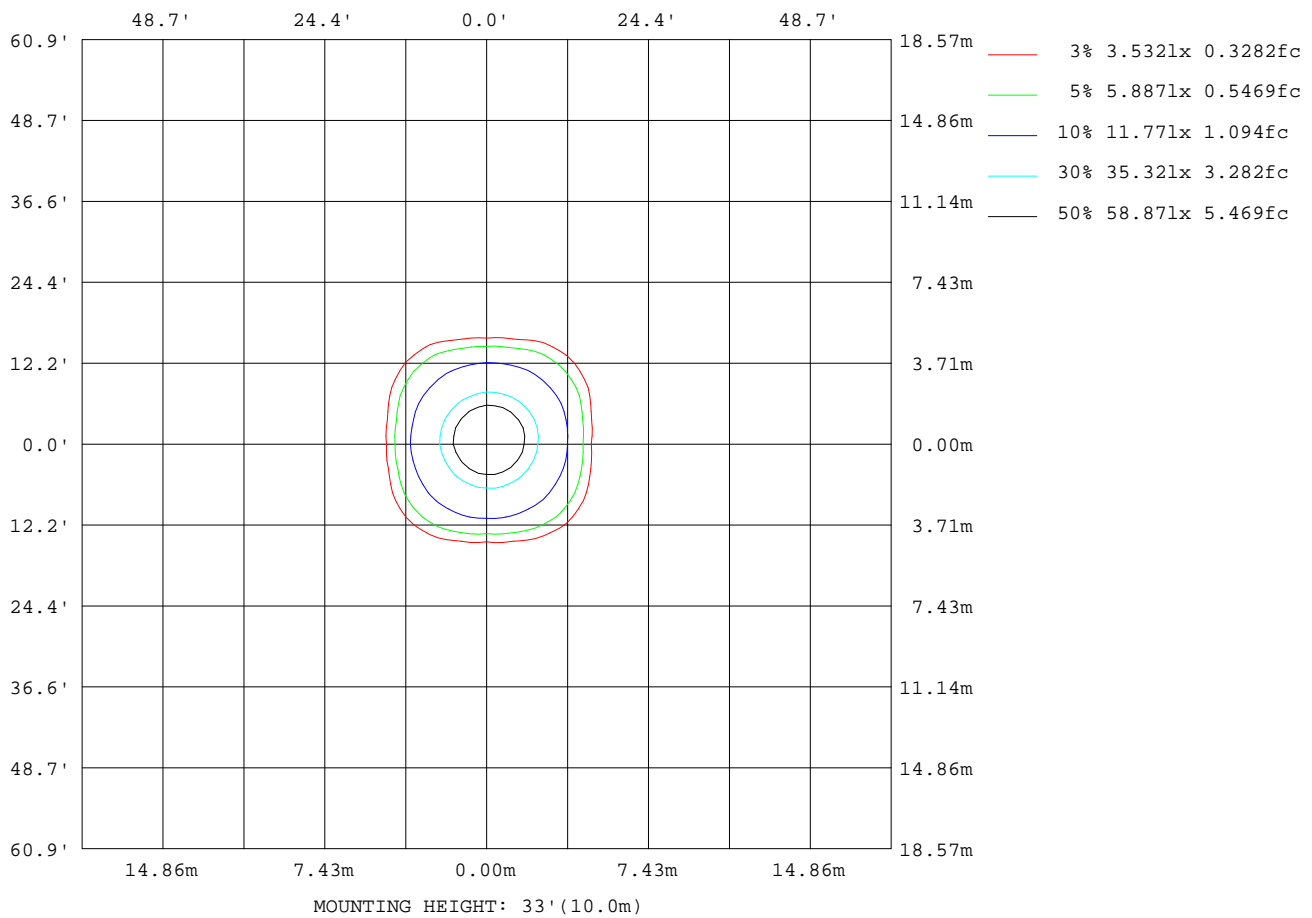
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-21

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

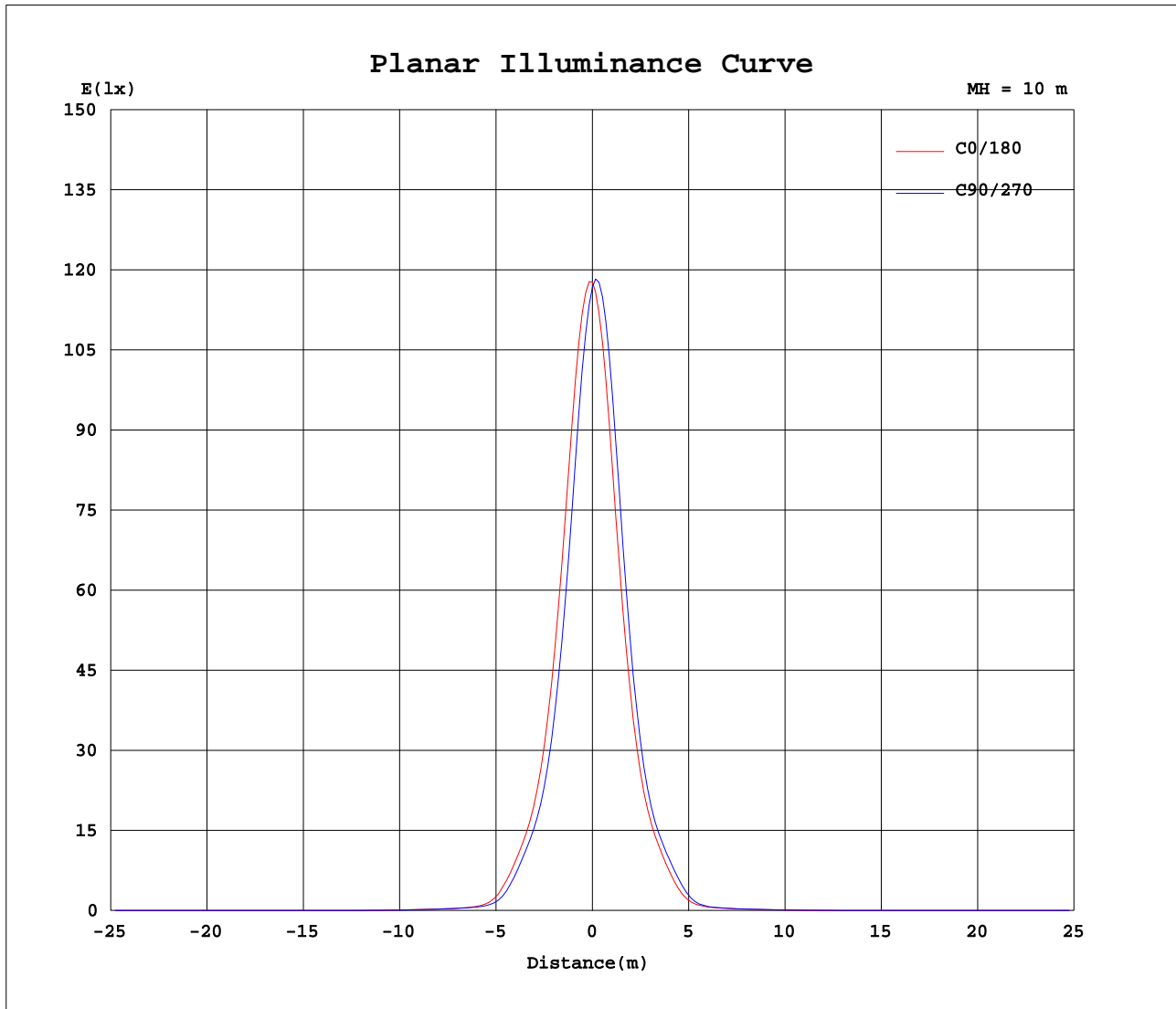
Test:U:220.6V I:0.1312A P:27.63W PF:0.9545 Lamp Flux:1956.13x1 lm		
NAME: S150S1-25W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L162mm*W162mm*H188mm	
MFR.: NEKO LIGHTING AG		



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-21

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: 2017-06-21

$\gamma$  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	11774	11750	11725	11715	11692	11708	11680	11710	11679	11724
3.0	11231	11075	10823	10690	10438	10355	10167	10180	10085	10213
6.0	9275	9032	8621	8412	8031	7905	7636	7643	7532	7705
9.0	6726	6501	6096	5891	5547	5442	5212	5227	5131	5277
12.0	4516	4346	4048	3895	3648	3558	3400	3415	3360	3468
15.0	2931	2818	2638	2549	2377	2317	2224	2237	2217	2289
18.0	1938	1877	1787	1745	1632	1590	1534	1557	1554	1598
21.0	1301	1301	1279	1263	1177	1068	980.8	1058	1127	1154
24.0	740.7	809.3	898.1	890.3	767.9	572.7	482.6	569.8	731.6	786.4
27.0	321.6	388.6	524.5	536.6	397.8	248.7	206.9	248.3	380.0	458.7
30.0	149.9	174.8	252.1	275.2	185.1	133.0	118.3	134.1	181.7	237.3
33.0	97.29	103.8	130.8	152.1	108.4	90.92	88.71	93.17	106.7	138.6
36.0	75.29	79.89	88.41	99.46	82.44	71.78	72.00	74.67	80.70	92.70
39.0	60.20	64.50	70.37	75.69	66.04	56.45	56.80	60.37	63.77	70.38
42.0	47.15	51.52	55.17	60.12	51.39	42.84	42.70	46.27	49.34	54.19
45.0	33.52	37.65	39.72	43.86	37.03	30.38	29.08	32.12	34.80	39.50
48.0	21.08	24.38	26.87	29.41	24.79	19.03	17.26	19.90	23.25	26.38
51.0	9.035	13.12	16.76	18.79	14.95	8.583	7.569	8.316	14.06	16.57
54.0	5.321	5.884	7.727	11.05	6.302	4.985	4.375	4.790	5.974	9.745
57.0	2.910	3.209	3.954	4.614	3.557	2.558	2.121	2.429	3.345	4.178
60.0	1.139	1.411	1.928	2.222	1.715	1.095	0.8472	1.029	1.638	2.147
63.0	0.5931	0.5812	0.7950	1.016	0.6503	0.5550	0.6060	0.5485	0.6784	0.9903
66.0	0.4966	0.4655	0.4311	0.3952	0.3634	0.4545	0.5185	0.4545	0.4813	0.4852
69.0	0.4462	0.4151	0.3348	0.2622	0.2714	0.3933	0.4725	0.3890	0.3677	0.4064
72.0	0.1388	0.2978	0.2692	0.2163	0.2276	0.1136	0.2952	0.3104	0.3065	0.2841
75.0	0.1235	0.2596	0.1225	0.1636	0.1142	0.1123	0.2519	0.2816	0.1902	0.2446
78.0	0.1203	0.2215	0.1202	0.1403	0.1135	0.1110	0.2086	0.2527	0.1859	0.2063
81.0	0.1189	0.1834	0.1154	0.1171	0.1128	0.1097	0.1756	0.2239	0.1819	0.1958
84.0	0.1185	0.1453	0.1145	0.1124	0.1122	0.1084	0.1632	0.1950	0.1767	0.1854
87.0	0.1181	0.1071	0.1137	0.1093	0.1115	0.1071	0.1509	0.1662	0.1728	0.1749
90.0	0.1093	0.1071	0.1137	0.1093	0.1115	0.1071	0.1399	0.1662	0.1684	0.1749
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	11696	11729	11774	11725	11715	11692	11708	11680	11710	11724
3.0	10205	10390	10683	10780	10962	11061	11268	11378	11542	11599
6.0	7715	7978	8380	8522	8835	8979	9320	9475	9778	9856
9.0	5281	5508	5848	5965	6244	6352	6675	6798	7123	7209
12.0	3465	3603	3822	3898	4098	4174	4395	4467	4703	4791
15.0	2270	2330	2457	2495	2634	2687	2822	2838	2987	3048
18.0	1569	1578	1641	1667	1763	1814	1880	1871	1947	1987
21.0	1121	1061	1063	1115	1256	1309	1347	1317	1336	1375
24.0	734.4	591.0	554.0	632.0	855.6	951.7	979.2	841.6	801.5	868.5
27.0	394.1	265.0	238.9	276.1	473.4	605.9	597.4	403.0	347.2	411.9
30.0	191.2	138.4	129.2	136.7	216.1	312.9	281.4	165.0	153.3	169.3
33.0	109.4	89.96	88.74	93.42	114.7	158.1	135.2	96.80	94.40	100.1
36.0	78.99	69.27	69.37	73.73	82.04	97.93	85.32	74.52	74.27	77.92
39.0	62.08	54.61	55.99	59.78	66.00	74.03	68.91	60.44	60.44	64.15
42.0	47.20	40.84	42.90	47.03	53.09	59.31	56.19	48.64	49.71	53.14
45.0	33.32	28.66	29.59	33.89	40.00	45.66	43.22	36.82	37.95	41.29
48.0	22.49	18.09	18.42	21.52	27.52	31.61	30.22	25.33	25.54	28.28
51.0	13.81	8.904	8.128	10.39	17.36	20.68	19.48	14.58	14.39	16.63
54.0	6.239	5.053	4.845	5.431	7.872	12.52	9.808	6.471	6.221	6.618
57.0	3.553	2.757	2.620	3.009	4.281	5.759	4.676	3.538	3.246	3.613
60.0	1.820	1.248	1.162	1.400	2.273	2.777	2.460	1.759	1.515	1.764
63.0	0.7466	0.7257	0.8021	0.8223	1.027	1.390	1.181	0.7760	0.7210	0.7433
66.0	0.5076	0.6226	0.6860	0.7023	0.6118	0.6664	0.5813	0.6454	0.6118	0.6169
69.0	0.4028	0.4410	0.5282	0.5231	0.4717	0.4683	0.4455	0.5186	0.4803	0.4771
72.0	0.2740	0.1420	0.1139	0.1917	0.2744	0.3481	0.2899	0.2808	0.2557	0.2501
75.0	0.1443	0.1641	0.1342	0.1331	0.0897	0.2168	0.0831	0.0809	0.0678	0.0765
78.0	0.1487	0.1698	0.1447	0.1591	0.1001	0.1224	0.0809	0.0787	0.0678	0.0765
81.0	0.1494	0.1755	0.1552	0.1644	0.1024	0.1203	0.0809	0.0787	0.0678	0.0765
84.0	0.1501	0.1773	0.1657	0.1653	0.1048	0.1176	0.0809	0.0765	0.0656	0.0765
87.0	0.1509	0.1771	0.1727	0.1662	0.1071	0.1159	0.0809	0.0765	0.0656	0.0765
90.0	0.1509	0.1771	0.1705	0.1596	0.1071	0.1137	0.0809	0.0678	0.0656	0.0700
G/C	300.0	315.0	330.0	345.0						
0.0	11679	11724	11696	11729						
3.0	11676	11626	11605	11458						
6.0	10042	9945	9957	9683						
9.0	7439	7362	7408	7139						
12.0	4999	4968	5036	4830						
15.0	3224	3232	3272	3126						
18.0	2110	2139	2151	2056						
21.0	1486	1504	1510	1400						

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
 Test Date: 2017-06-21

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	1063	1090	1062	861.5
27.0	662.9	729.9	653.7	408.7
30.0	315.6	413.2	315.8	178.6
33.0	149.3	211.8	150.3	102.7
36.0	88.99	116.1	90.74	76.48
39.0	70.89	79.38	70.90	60.12
42.0	58.99	62.92	56.96	47.15
45.0	45.95	48.63	43.41	34.44
48.0	32.99	34.97	30.72	22.51
51.0	21.61	23.24	19.75	12.86
54.0	11.26	14.35	9.961	6.176
57.0	4.988	7.188	4.805	3.443
60.0	2.540	3.036	2.641	1.556
63.0	1.122	1.445	1.083	0.6530
66.0	0.4610	0.6095	0.4478	0.5469
69.0	0.3647	0.3567	0.3277	0.4747
72.0	0.2200	0.2430	0.2511	0.3765
75.0	0.0678	0.1730	0.1560	0.1334
78.0	0.0678	0.0853	0.1341	0.1294
81.0	0.0678	0.0809	0.1122	0.1286
84.0	0.0678	0.0787	0.1072	0.1277
87.0	0.0722	0.0787	0.1093	0.1268
90.0	0.0722	0.0787	0.1093	0.1246

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-06-21

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: