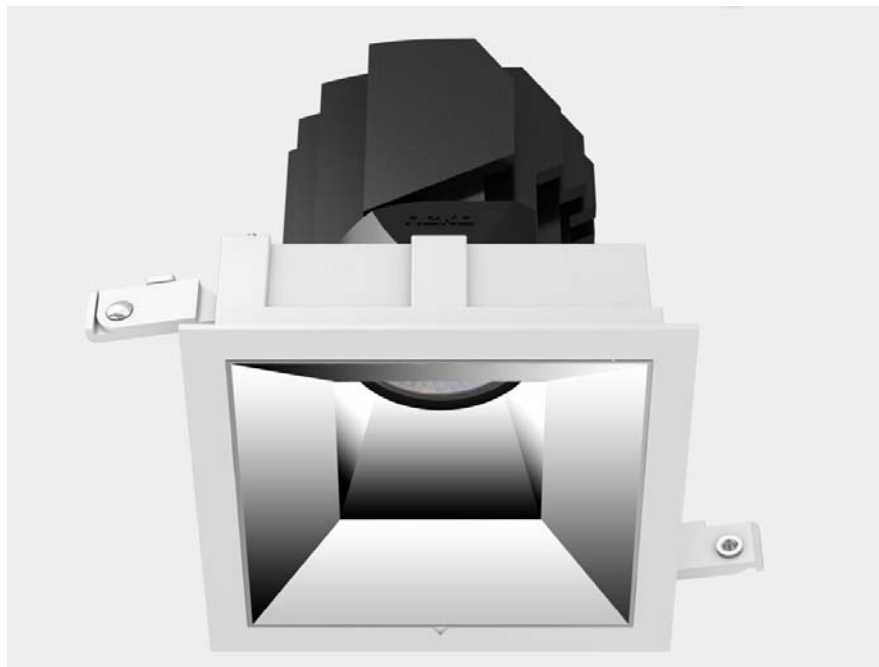


LED Downlight SENSE Series S125S2-18W-930-W



Light Output Ratio:	100.0%	
Luminaire Power:	19.5 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: 2017-07-17

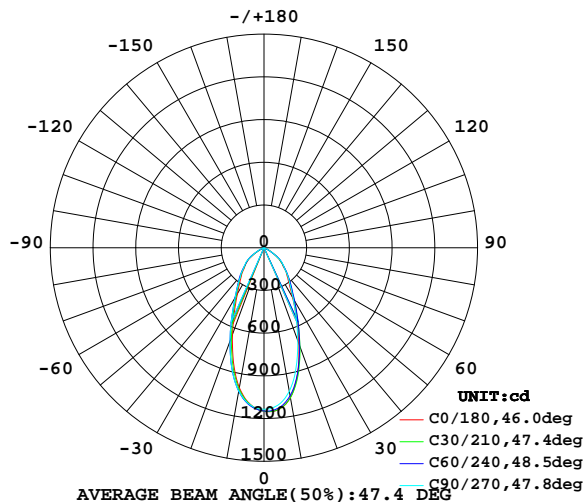
$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

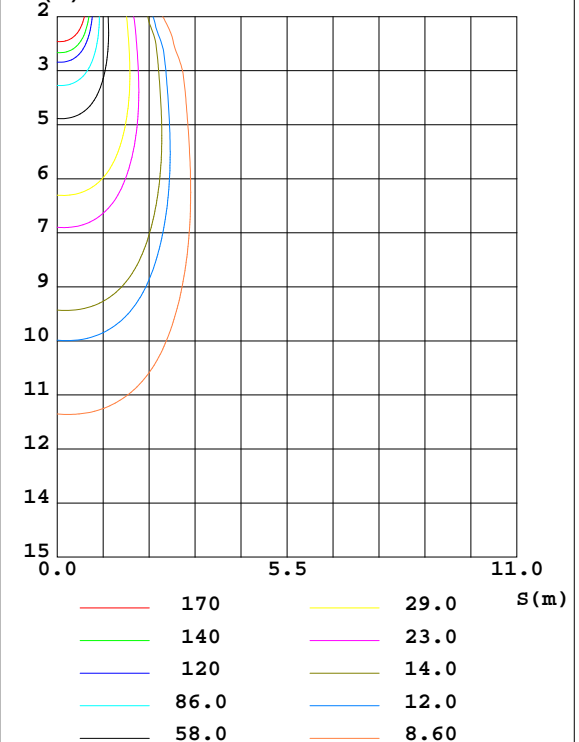
Test:U:220.7V I:0.0937A P:19.50W PF:0.9427 Lamp Flux:1078.92x1 lm		
NAME: S125S2-18W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L135mm*W135mm*H157mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 55.34 lm/W			
MODEL	CITIZEN-3000K	I <sub>max</sub> (cd)	1152	S/MH(C0/180)	0.69
NOMINAL POWER(W)	21	LOR(%)	100.0	S/MH(C90/270)	0.74
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	1078.9	η UP,DN(C0-180)	0.0,49.1
NOMINAL FLUX(lm)	1078.92	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.9
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	0.80

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



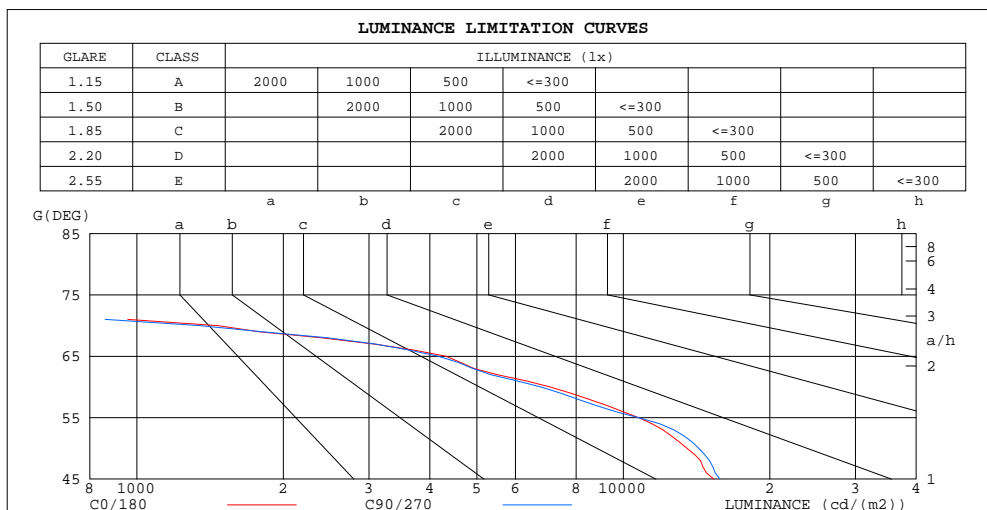
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Meng Yongjian  
 Test Date:2017-07-17

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:

**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	1068	1068	1024	973.4	998.8	1012	1023	1077	0- 10	103.8	103.8	9.62,9.62
20	715.5	748.2	693.9	631.2	648.3	679.1	698.6	774.9	10- 20	242.9	346.7	32.1,32.1
30	401.4	433.2	409.2	373.7	375.2	396.9	408.8	443.4	20- 30	246.1	592.8	54.9,54.9
40	251.3	275.7	261.5	246.0	245.0	258.1	256.9	280.1	30- 40	201.7	794.5	73.6,73.6
50	158.4	151.7	167.5	138.3	159.7	145.7	169.7	155.5	40- 50	158.8	953.3	88.4,88.4
60	64.39	66.04	61.67	55.45	60.48	72.98	69.40	87.23	50- 60	101.3	1055	97.7,97.7
70	9.152	7.433	8.409	4.471	6.065	7.131	10.89	11.45	60- 70	23.19	1078	99.9,99.9
80	0.0918	0.0656	0.0744	0.0612	0.0415	0.0593	0.0827	0.1056	70- 80	1.047	1079	100,100
90	0.0918	0.0743	0.0940	0.0722	0.0437	0.0394	0.3542	0.0437	80- 90	0.1310	1079	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		



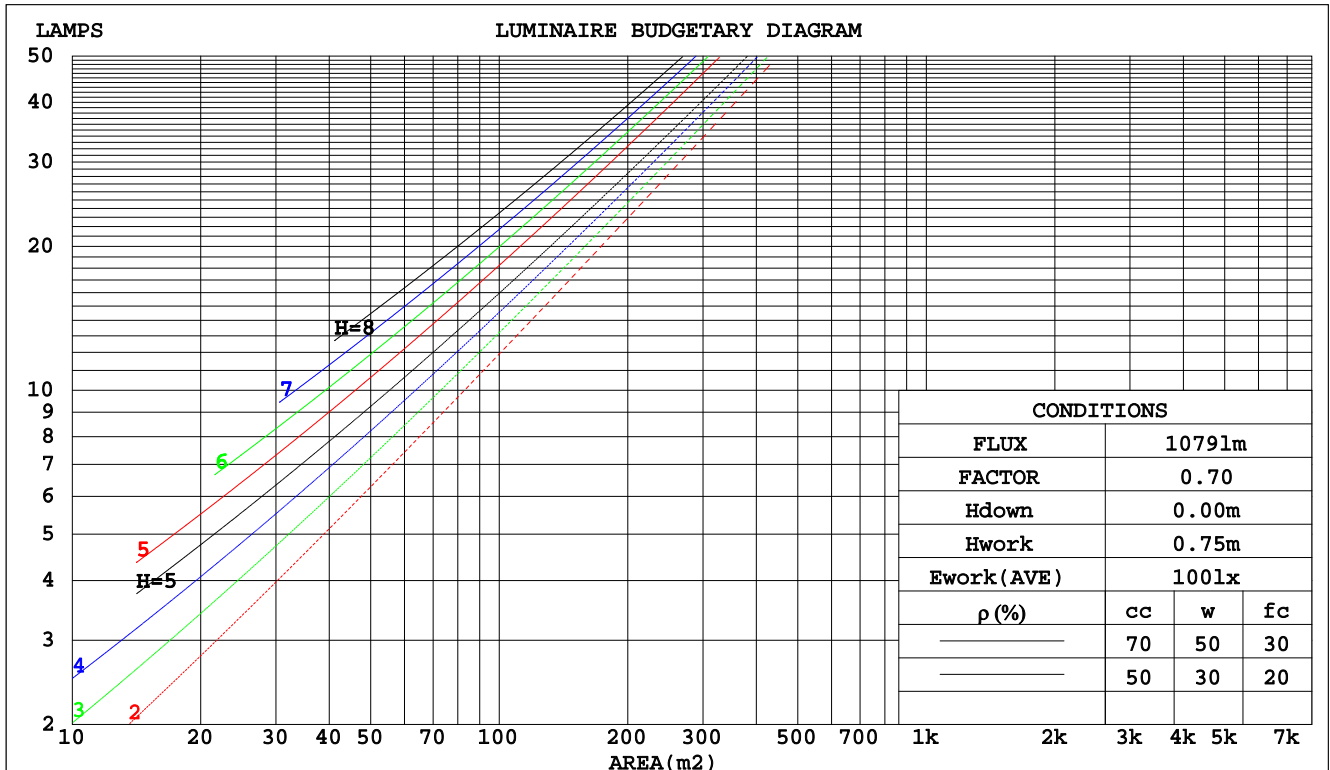
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-07-17

$\gamma$  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:19.50W PF:0.9427 Lamp Flux:1078.92x1 lm		
NAME: S125S2-18W-930-W	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	1.09	1.07	1.04	1.07	1.05	1.02	1.03	1.01	.99	.99	.98	.96	.96	.95	.93	.92
2.0	1.00	.96	.92	.98	.94	.91	.95	.92	.89	.92	.89	.87	.89	.87	.85	.83
3.0	.92	.86	.81	.90	.85	.81	.88	.83	.79	.85	.81	.78	.83	.80	.77	.75
4.0	.84	.78	.73	.83	.77	.73	.81	.76	.72	.79	.75	.71	.77	.73	.70	.68
5.0	.78	.71	.66	.77	.71	.66	.75	.70	.65	.73	.69	.65	.72	.67	.64	.62
6.0	.72	.65	.60	.71	.65	.60	.70	.64	.60	.68	.63	.59	.67	.62	.59	.57
7.0	.67	.60	.56	.67	.60	.55	.65	.59	.55	.64	.59	.55	.63	.58	.54	.53
8.0	.63	.56	.51	.62	.56	.51	.61	.55	.51	.60	.55	.51	.59	.54	.51	.49
9.0	.59	.52	.48	.58	.52	.48	.57	.52	.47	.56	.51	.47	.55	.51	.47	.46
10.0	.55	.49	.45	.55	.49	.44	.54	.48	.44	.53	.48	.44	.52	.48	.44	.43



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:19.50W PF:0.9427 Lamp Flux:1078.92x1 lm		
NAME: S125S2-18W-930-W	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	.203	.115	.037	.196	.112	.036	.183	.105	.034	.172	.099	.032	.161	.093	.030	
2.0	.198	.109	.033	.192	.106	.033	.181	.101	.031	.171	.096	.030	.162	.092	.029	
3.0	.190	.101	.030	.185	.099	.030	.175	.095	.029	.167	.091	.028	.159	.088	.027	
4.0	.181	.094	.028	.176	.092	.027	.168	.089	.027	.161	.086	.026	.154	.083	.025	
5.0	.172	.087	.025	.168	.086	.025	.161	.084	.025	.154	.081	.024	.148	.079	.024	
6.0	.163	.082	.023	.159	.081	.023	.153	.078	.023	.147	.076	.022	.142	.074	.022	
7.0	.154	.076	.022	.152	.075	.022	.146	.074	.021	.141	.072	.021	.136	.070	.021	
8.0	.147	.072	.020	.144	.071	.020	.139	.069	.020	.134	.068	.020	.130	.067	.019	
9.0	.140	.068	.019	.137	.067	.019	.133	.066	.019	.128	.064	.018	.124	.063	.018	
10.0	.133	.064	.018	.131	.063	.018	.127	.062	.017	.123	.061	.017	.119	.060	.017	

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	.173	.157	.143	.148	.135	.123	.101	.093	.085	.058	.054	.049	.019	.017	.016	
2.0	.160	.132	.109	.137	.114	.095	.094	.079	.066	.054	.046	.039	.017	.015	.013	
3.0	.149	.114	.086	.128	.098	.074	.088	.068	.052	.051	.040	.031	.016	.013	.010	
4.0	.140	.099	.069	.120	.086	.060	.083	.060	.042	.048	.035	.025	.015	.011	.008	
5.0	.132	.088	.056	.113	.076	.049	.078	.053	.034	.045	.031	.020	.015	.010	.007	
6.0	.125	.079	.046	.107	.069	.040	.074	.048	.029	.043	.028	.017	.014	.009	.006	
7.0	.119	.072	.039	.102	.062	.034	.071	.044	.024	.041	.026	.014	.013	.008	.005	
8.0	.113	.066	.034	.097	.057	.029	.067	.040	.021	.039	.024	.012	.013	.008	.004	
9.0	.108	.061	.029	.093	.053	.026	.064	.037	.018	.037	.022	.011	.012	.007	.004	
10.0	.103	.057	.026	.089	.049	.022	.061	.035	.016	.036	.020	.010	.012	.007	.003	

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:19.50W PF:0.9427 Lamp Flux:1078.92x1 lm		
NAME: S125S2-18W-930-W	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	19.3	20.4	19.5	20.6	20.8	19.5	20.7	19.8	20.8	21.0
3H	19.2	20.2	19.5	20.4	20.6	19.4	20.4	19.7	20.6	20.8
4H	19.1	20.1	19.4	20.3	20.5	19.3	20.3	19.6	20.5	20.7
6H	19.0	19.9	19.3	20.1	20.4	19.2	20.1	19.5	20.4	20.6
8H	18.9	19.8	19.3	20.1	20.3	19.2	20.0	19.5	20.3	20.6
12H	18.9	19.7	19.2	20.0	20.3	19.1	20.0	19.4	20.2	20.5
4H 2H	19.3	20.3	19.6	20.5	20.7	19.5	20.5	19.8	20.7	20.9
3H	19.2	20.0	19.5	20.3	20.6	19.4	20.2	19.7	20.5	20.8
4H	19.1	19.8	19.4	20.1	20.4	19.3	20.0	19.6	20.3	20.6
6H	19.0	19.6	19.4	20.0	20.3	19.2	19.8	19.6	20.2	20.5
8H	18.9	19.5	19.3	19.9	20.3	19.1	19.7	19.5	20.1	20.5
12H	18.9	19.4	19.3	19.8	20.2	19.1	19.6	19.5	20.0	20.4
8H 4H	18.9	19.5	19.3	19.9	20.3	19.1	19.7	19.5	20.1	20.5
6H	18.8	19.3	19.3	19.7	20.1	19.0	19.5	19.5	19.9	20.3
8H	18.8	19.2	19.2	19.6	20.1	19.0	19.4	19.4	19.8	20.3
12H	18.7	19.1	19.2	19.6	20.0	18.9	19.3	19.4	19.7	20.2
12H 4H	18.9	19.4	19.3	19.8	20.2	19.1	19.6	19.5	20.0	20.4
6H	18.8	19.2	19.2	19.6	20.1	19.0	19.4	19.4	19.8	20.3
8H	18.7	19.1	19.2	19.6	20.0	18.9	19.3	19.4	19.7	20.2
Variations with the observer position at spacings:										
S = 1.0H	+ 1.1 / - 1.8					+ 1.3 / - 2.3				
1.5H	+ 0.4 / - 1.0					+ 0.4 / - 1.3				
2.0H	+ 2.3 / - 8.0					+ 2.4 / - 8.8				

CIE Pub.117 Corrected 1079 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.3)

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:19.50W PF:0.9427 Lamp Flux:1078.92x1 lm		
NAME: S125S2-18W-930-W	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) $k(RI) \times RCR = 5$									
$k = 0.60$	74	66	61	74	65	60	73	65	60	55
0.80	84	76	70	83	75	70	82	75	70	65
1.00	91	83	78	90	83	78	88	83	78	73
1.25	97	90	85	95	89	85	93	88	84	79
1.50	100	94	89	99	93	89	96	92	88	82
2.00	105	99	95	103	98	94	100	96	93	87
2.50	107	102	98	105	101	97	102	98	95	89
3.00	109	105	101	107	103	100	104	101	98	91
4.00	112	108	105	109	106	104	106	103	101	93
5.00	113	110	107	111	108	106	107	105	103	95
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:19.50W PF:0.9427 Lamp Flux:1078.92x1 lm		
NAME: S125S2-18W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L135mm*W135mm*H157mm	
MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

880.16 lm

%lum = 81.6%

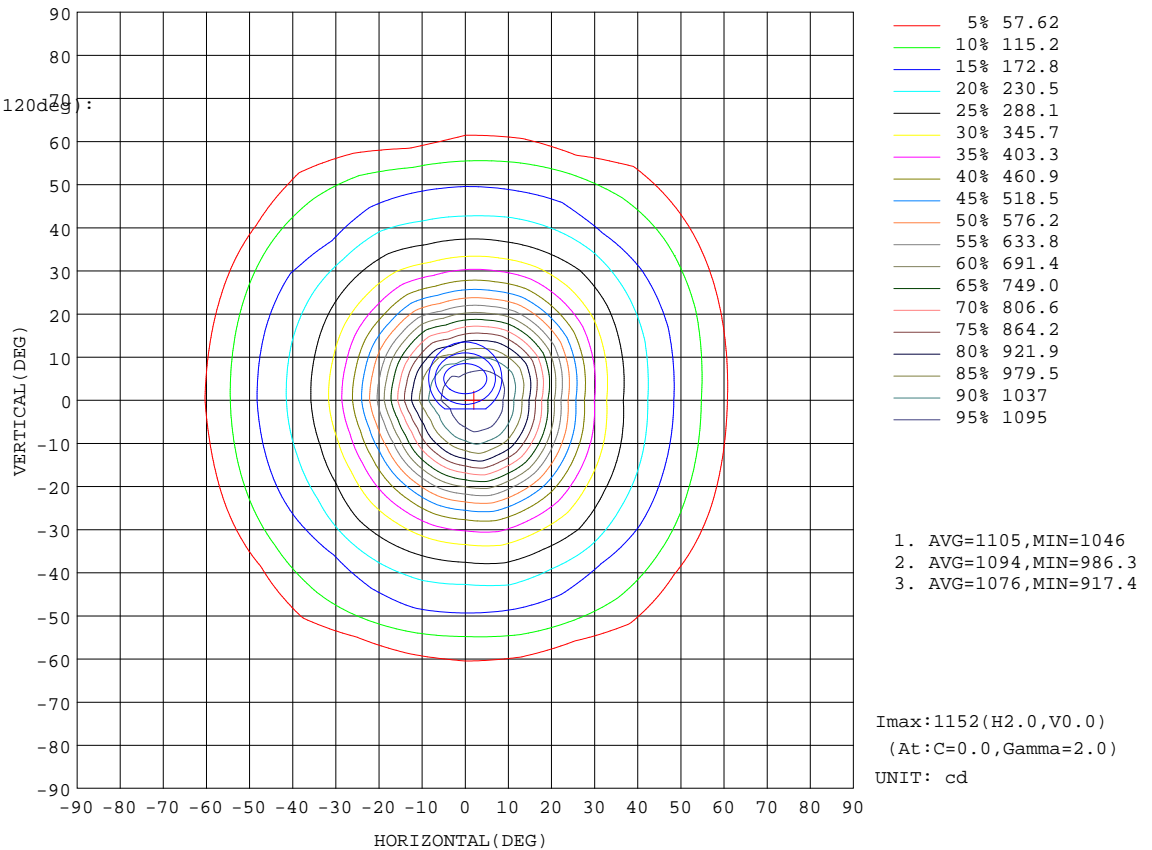
%lamp = 81.6%

Conical surface Flux(120deg):

1054.5 lm

%lum = 97.7%

%lamp = 97.7%



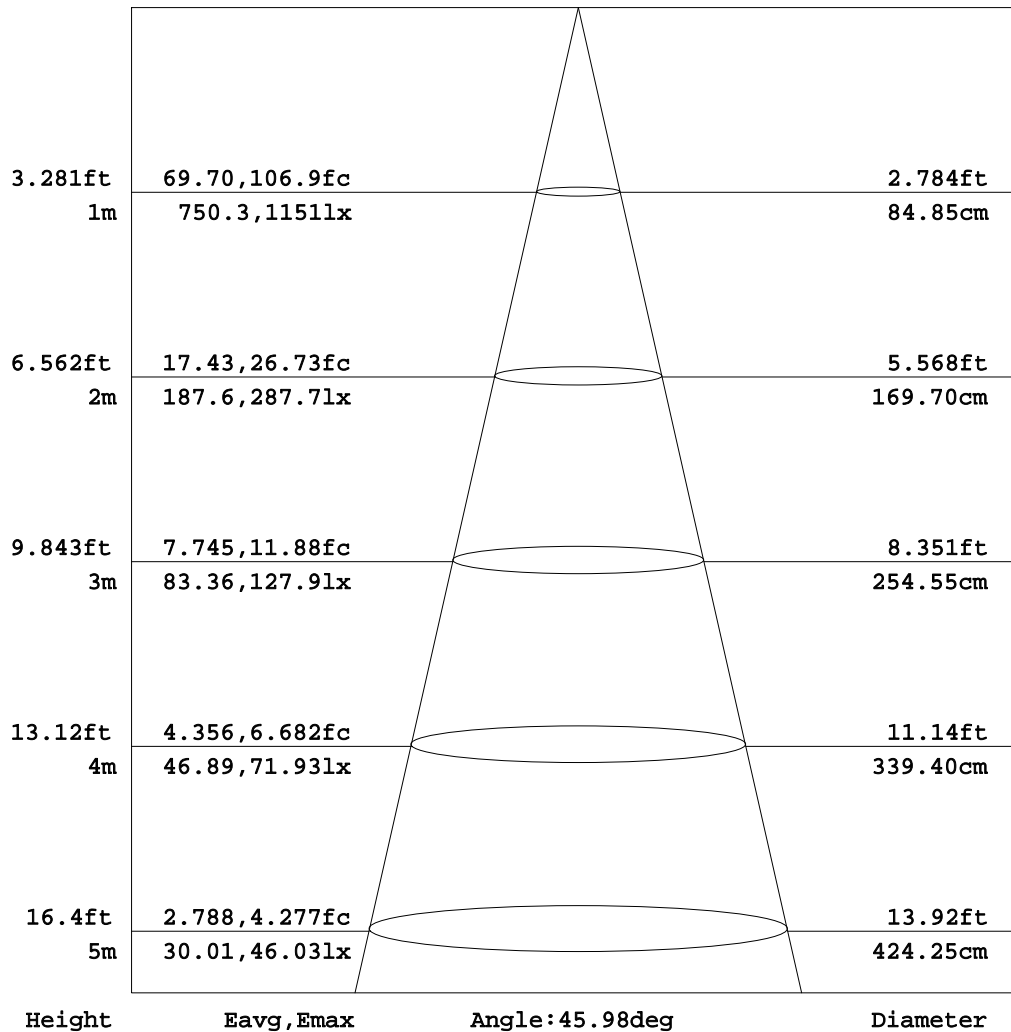
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-07-17

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:19.50W PF:0.9427 Lamp Flux:1078.92x1 lm		
NAME: S125S2-18W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L135mm*W135mm*H157mm	
MFR.: NEKO LIGHTING AG		

Flux out:424.7 lm



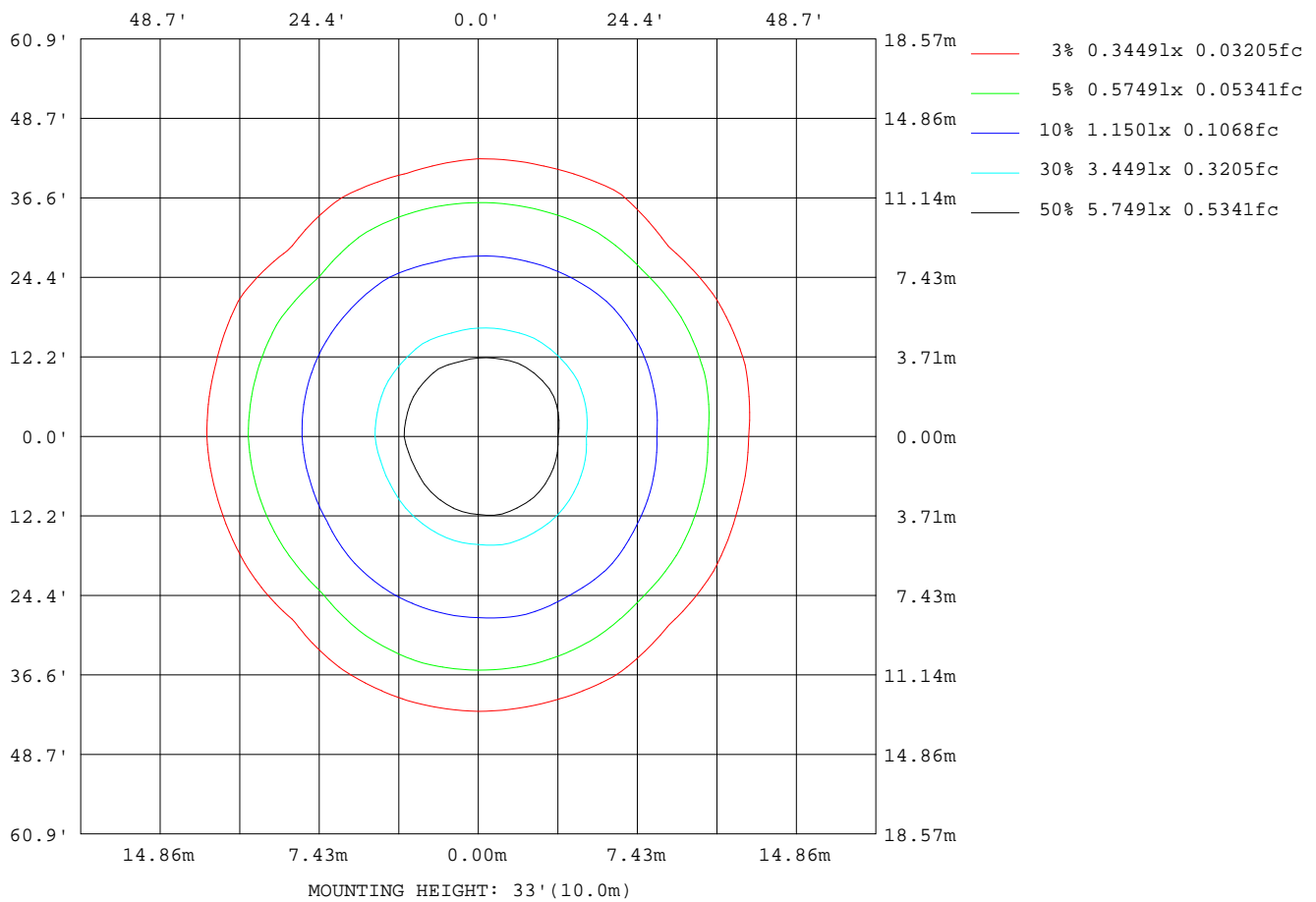
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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**

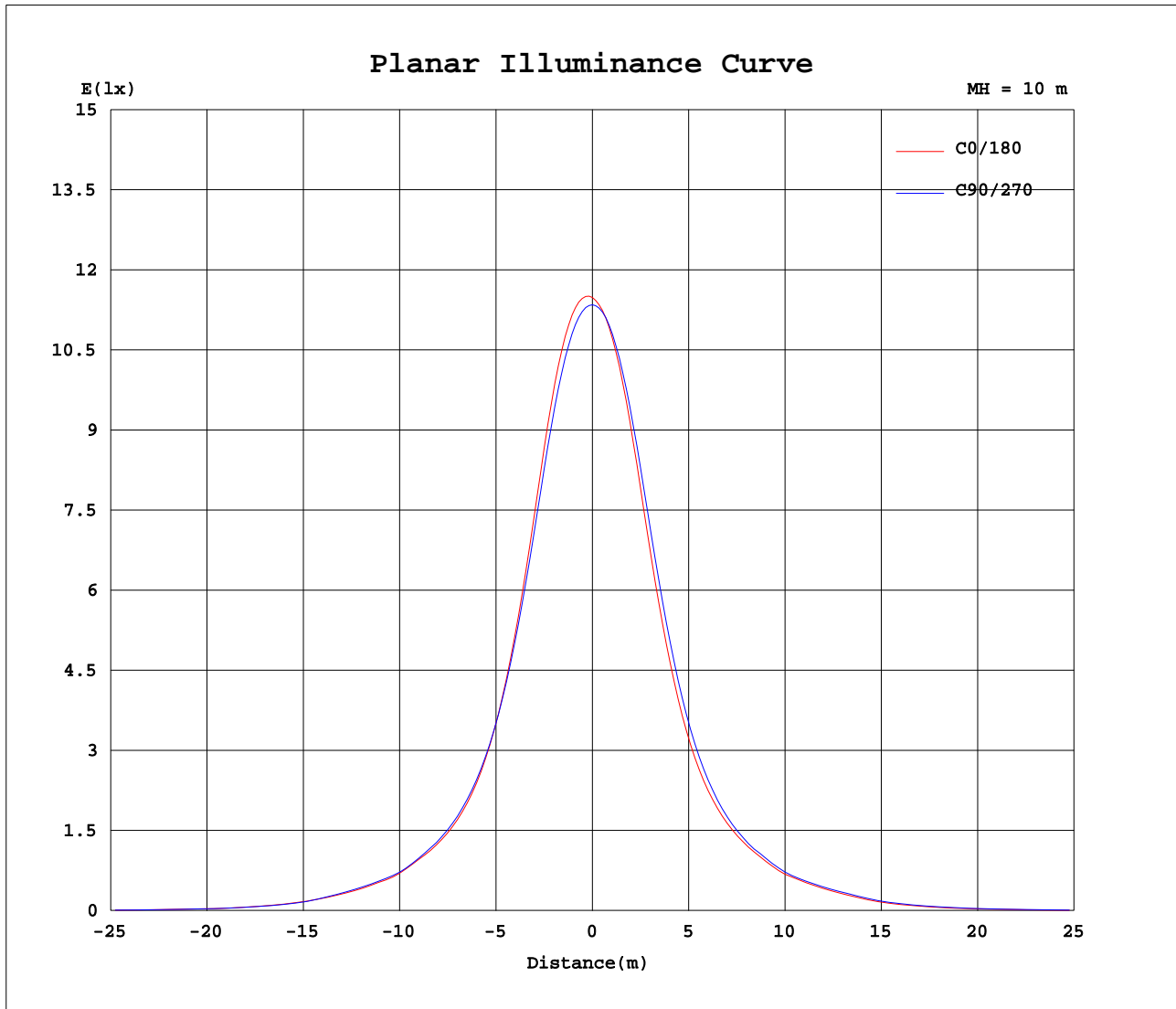
Test:U:220.7V I:0.0937A P:19.50W PF:0.9427 Lamp Flux:1078.92x1 lm		
NAME: S125S2-18W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L135mm*W135mm*H157mm	
MFR.: NEKO LIGHTING AG		



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	1148	1148	1148	1147	1146	1138	1135	1135	1135	1135
3.0	1151	1151	1150	1148	1144	1137	1127	1122	1116	1113
6.0	1134	1135	1132	1130	1122	1116	1098	1089	1076	1069
9.0	1090	1093	1090	1089	1076	1072	1046	1033	1013	1001
12.0	1016	1021	1020	1020	1006	1002	970.2	952.1	928.4	912.4
15.0	912.5	922.1	924.8	928.6	911.9	909.3	872.4	853.5	827.4	809.0
18.0	794.7	807.2	814.7	822.6	805.5	802.6	764.9	747.0	720.7	701.3
21.0	677.1	691.5	702.1	711.1	697.6	694.5	659.5	643.6	617.3	597.9
24.0	570.4	585.2	595.4	604.3	595.9	594.2	563.0	549.4	524.4	507.2
27.0	477.9	491.8	501.0	510.0	505.9	505.8	478.8	467.6	446.7	432.5
30.0	401.4	413.9	422.7	433.2	430.3	431.3	409.2	400.0	384.5	373.7
33.0	341.7	352.7	360.5	372.7	369.2	371.2	353.3	346.1	335.9	328.5
36.0	296.0	305.8	312.9	326.1	321.3	323.6	307.7	303.9	298.2	293.2
39.0	261.7	268.5	274.6	288.0	281.7	283.6	271.4	268.3	264.6	258.8
42.0	233.9	237.0	239.9	249.6	244.6	249.7	239.1	237.2	230.4	220.1
45.0	197.8	206.2	205.9	208.3	210.1	216.1	203.5	209.0	198.1	181.6
48.0	175.7	174.2	175.4	169.6	180.9	183.5	183.3	182.1	170.9	150.5
51.0	149.6	148.1	150.3	144.6	158.4	158.1	159.1	156.2	148.7	132.7
54.0	122.7	121.1	123.5	125.3	131.5	130.1	127.3	124.7	120.4	114.8
57.0	91.71	88.55	89.37	101.9	93.24	92.26	87.08	83.95	81.07	86.58
60.0	64.39	61.59	53.86	66.04	51.54	61.49	61.67	54.32	40.50	55.45
63.0	40.80	21.83	25.68	41.85	23.80	25.63	40.58	19.15	18.27	30.36
66.0	27.56	8.518	6.846	21.29	7.651	8.089	26.94	4.399	4.402	15.33
69.0	11.63	2.170	2.166	9.732	2.227	2.143	11.80	1.738	2.038	6.494
72.0	3.566	1.137	1.178	3.425	1.217	1.078	2.480	0.8945	1.068	1.648
75.0	0.7012	0.5125	0.5661	0.7414	0.5663	0.4756	0.5082	0.3511	0.4416	0.4403
78.0	0.1126	0.1027	0.1998	0.1590	0.1650	0.1263	0.0819	0.0634	0.0949	0.0699
81.0	0.0918	0.1927	0.3319	0.0634	0.0635	0.0590	0.0722	0.0634	0.0569	0.0612
84.0	0.0918	0.2997	0.4565	0.0656	0.0568	0.1052	0.0678	0.0656	0.0568	0.0678
87.0	0.0919	0.2420	0.8221	0.0700	0.6828	0.2698	0.0678	0.0678	0.0568	0.0722
90.0	0.0918	0.5575	0.6538	0.0743	0.8899	0.4854	0.0940	0.0765	0.0568	0.0722

G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	1136	1140	1148	1148	1147	1148	1138	1135	1135	1135
3.0	1108	1115	1129	1128	1130	1130	1133	1123	1126	1130
6.0	1059	1068	1088	1087	1092	1094	1101	1088	1097	1106
9.0	986.1	997.3	1025	1024	1033	1036	1046	1030	1045	1059
12.0	892.1	903.3	937.2	937.1	949.4	955.8	969.1	950.0	970.9	990.6
15.0	785.1	794.7	831.3	831.9	848.1	856.8	873.9	852.5	876.1	898.5
18.0	678.1	685.4	719.9	722.1	740.1	750.5	769.6	748.2	770.2	792.5
21.0	579.1	583.8	614.2	617.4	635.3	644.4	664.6	645.3	663.8	684.0
24.0	492.2	494.3	519.7	523.7	540.8	547.0	566.3	550.0	565.6	582.8
27.0	418.8	419.3	439.6	443.9	459.1	463.5	480.0	467.2	479.8	494.4
30.0	359.9	360.4	379.7	379.7	392.4	396.9	409.5	398.5	408.8	420.1
33.0	314.8	313.6	324.7	329.6	340.2	345.2	353.7	343.8	351.1	359.7
36.0	278.5	277.3	285.4	290.5	299.5	305.2	310.7	300.9	304.6	311.4
39.0	245.5	246.7	253.3	258.9	265.6	270.3	275.6	266.0	267.6	272.6
42.0	213.4	219.1	224.8	230.4	233.0	232.7	243.4	235.1	238.8	242.0
45.0	184.0	188.8	192.8	199.8	201.7	193.7	209.2	206.9	203.9	213.4
48.0	163.9	168.2	174.7	176.5	175.5	159.8	179.7	182.3	183.7	184.7
51.0	140.8	143.9	151.4	152.6	157.9	140.2	157.7	155.5	162.3	162.3
54.0	106.7	113.9	121.6	127.0	130.7	127.0	135.8	126.1	133.9	139.8
57.0	69.41	77.93	86.02	87.63	95.01	106.2	105.1	87.14	96.59	100.6
60.0	37.43	45.57	60.48	56.55	54.33	72.98	68.49	47.05	69.40	69.94
63.0	14.61	18.71	39.71	24.66	23.83	47.89	36.08	15.37	45.86	40.10
66.0	4.509	5.140	22.67	9.959	7.621	24.48	12.83	2.550	29.59	14.59
69.0	2.108	1.953	9.377	2.706	2.835	10.12	2.350	1.264	13.16	1.871
72.0	0.9811	0.8355	2.618	1.143	1.321	3.331	1.342	0.6793	3.658	0.8572
75.0	0.3758	0.2877	0.5746	0.4193	0.5603	0.7382	0.6476	0.3312	0.4965	0.3838
78.0	0.0663	0.0568	0.1401	0.0729	0.1391	0.1496	0.1935	0.0683	0.0921	0.1339
81.0	0.0590	0.0568	0.0415	0.0503	0.0372	0.0482	0.0350	0.0481	0.0481	0.0745
84.0	0.0590	0.0568	0.0415	0.0416	0.0372	0.0416	0.0350	0.0459	0.1055	0.1629
87.0	0.0590	0.0591	0.0415	0.0394	0.0372	0.0394	0.0350	0.0459	0.1231	0.1988
90.0	0.0634	0.0656	0.0437	0.0394	0.0394	0.0394	0.0394	0.0831	0.3542	0.5444

G/C	300.0	315.0	330.0	345.0
0.0	1135	1135	1136	1140
3.0	1136	1141	1146	1148
6.0	1119	1128	1138	1137
9.0	1080	1093	1108	1102
12.0	1018	1034	1051	1040
15.0	931.9	950.2	968.3	948.9
18.0	829.7	848.6	865.2	836.8
21.0	720.5	737.3	749.7	718.1

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	615.9	626.8	635.9	606.8
27.0	521.1	526.7	532.7	508.1
30.0	441.0	443.4	446.3	425.2
33.0	374.9	378.6	377.8	360.0
36.0	322.9	329.1	325.7	310.4
39.0	281.3	291.5	286.1	273.4
42.0	249.2	257.3	252.0	243.2
45.0	218.6	219.4	218.1	216.8
48.0	188.0	179.3	185.2	183.4
51.0	165.5	146.0	156.8	161.1
54.0	146.3	127.2	134.8	135.3
57.0	105.5	113.3	111.2	105.8
60.0	62.17	87.23	80.25	72.92
63.0	33.40	57.36	46.35	39.74
66.0	10.92	32.98	19.85	16.52
69.0	1.824	17.00	4.626	3.213
72.0	0.9971	5.655	1.682	1.304
75.0	0.5517	1.272	0.8222	0.6096
78.0	0.1981	0.3188	0.3136	0.1955
81.0	0.0415	0.0681	0.0502	0.0700
84.0	0.0476	0.0459	0.0415	0.0525
87.0	0.1793	0.0437	0.0415	0.0525
90.0	0.2755	0.0437	0.0415	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: