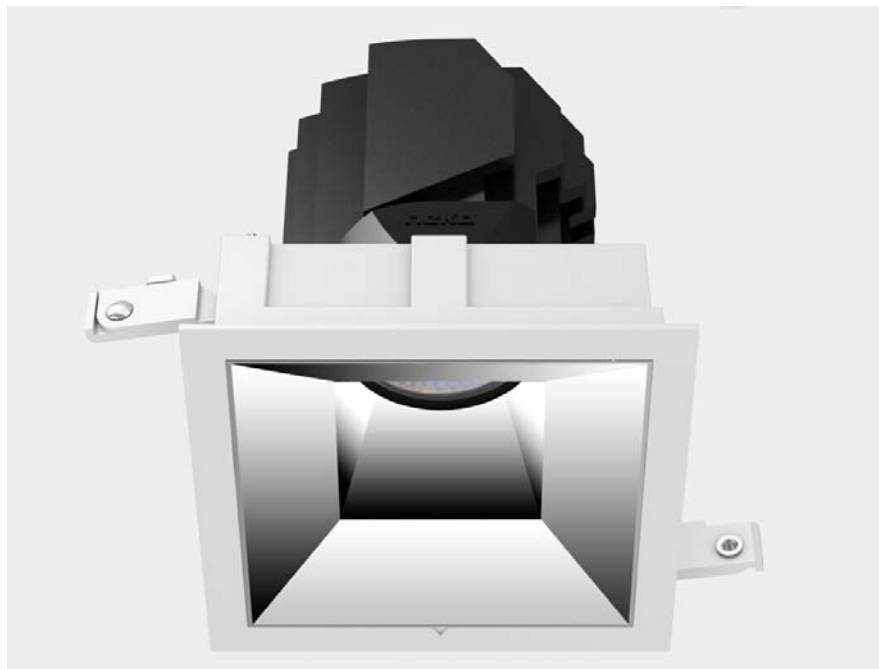


LED Downlight SENSE Series S150S2-25W-930-M



Light Output Ratio:	100.0%	
Luminaire Power:	27.69 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.60	fine grid method.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-06-22

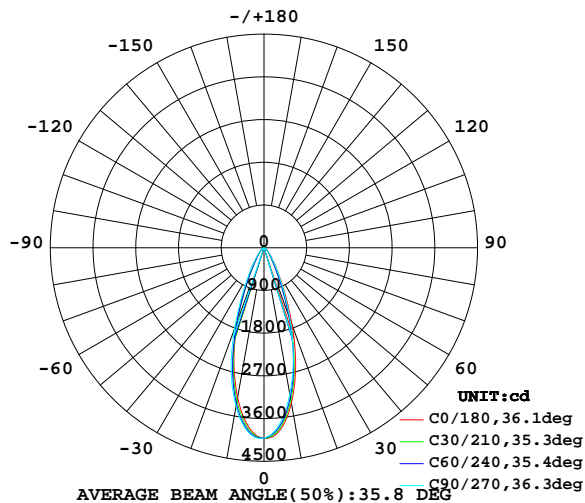
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

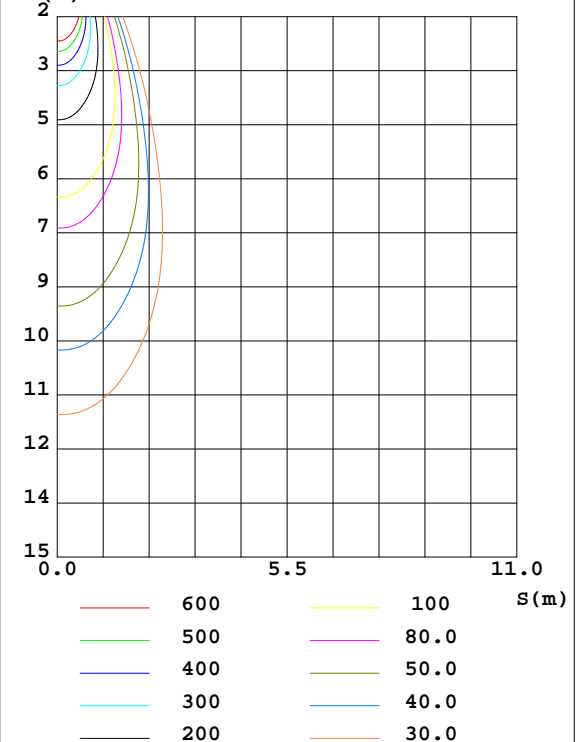
Test:U:220.6V I:0.1314A P:27.69W PF:0.9546 Lamp Flux:1812.39x1 lm		
NAME: S150S2-25W-930-M	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L162mm*W162mm*H188mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 65.46 lm/W			
MODEL	CITIZEN-3000K	I <sub>max</sub> (cd)	4022	S/MH(C0/180)	0.58
NOMINAL POWER(W)	28	LOR(%)	100.0	S/MH(C90/270)	0.61
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	1812.4	η UP,DN(C0-180)	0.0,48.1
NOMINAL FLUX(lm)	1812.39	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,51.9
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	0.60

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



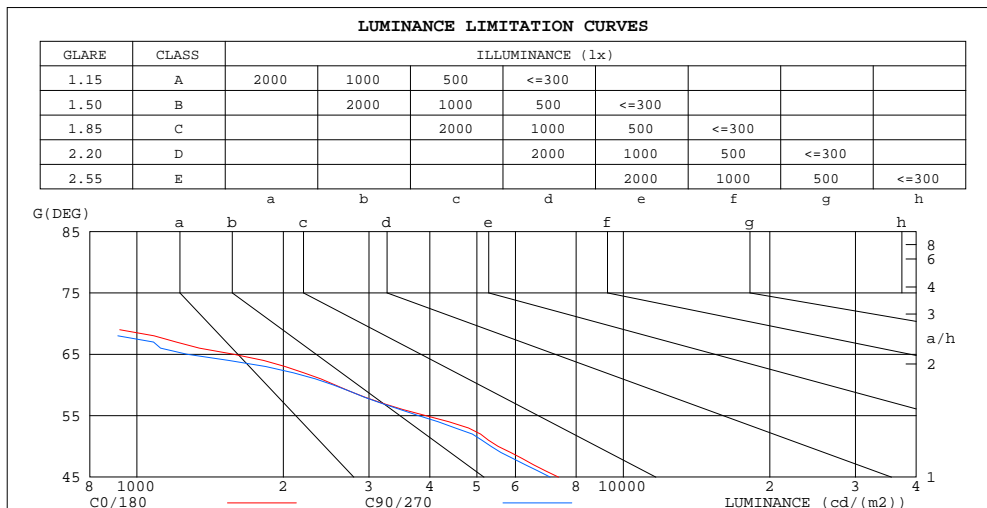
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Meng Yongjian  
 Test Date:2017-06-22

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	3322	3248	3138	3128	3204	3296	3396	3440	0- 10	347.1	347.1	19.2,19.2
20	1731	1569	1602	1468	1652	1626	1820	1806	10- 20	679.9	1027	56.7,56.7
30	572.7	443.3	556.4	408.6	575.9	467.0	602.0	522.8	20- 30	436.8	1464	80.8,80.8
40	205.2	161.4	196.3	149.5	209.1	169.0	207.8	175.2	30- 40	189.4	1653	91.2,91.2
50	93.29	75.23	90.21	71.80	94.02	78.86	88.79	78.98	40- 50	96.16	1749	96.5,96.5
60	33.52	31.16	33.26	31.04	34.78	30.30	33.10	30.35	50- 60	48.84	1798	99.2,99.2
70	6.648	5.440	5.592	4.914	6.542	5.263	7.264	5.952	60- 70	13.12	1811	99.9,99.9
80	0.1401	0.3105	0.1707	0.0678	0.1092	0.0701	0.1546	0.0745	70- 80	0.8997	1812	100,100
90	0.2646	0.2427	0.1224	0.0787	0.0612	0.0568	0.0590	0.0590	80- 90	0.1356	1812	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		



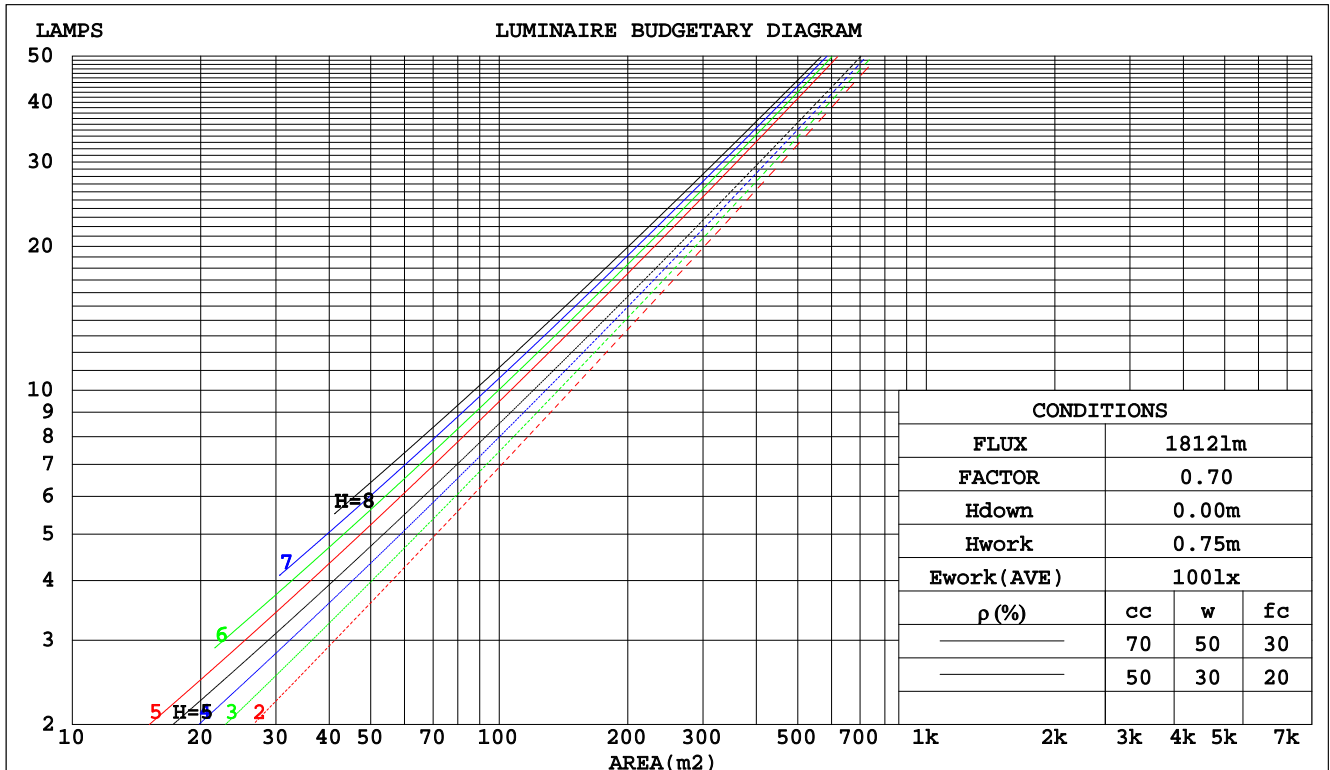
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-22

$\gamma$  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:0.1314A P:27.69W PF:0.9546 Lamp Flux:1812.39x1 lm		
NAME: S150S2-25W-930-M	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	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	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.04	1.02	1.02	1.00	.99	.98	.97	.96	.95
2.0	1.04	1.01	.98	1.03	.99	.97	.90	.97	.95	.97	.94	.92	.94	.92	.91	.89
3.0	.98	.94	.90	.97	.93	.89	.94	.91	.88	.92	.89	.87	.90	.87	.85	.84
4.0	.93	.88	.84	.92	.87	.83	.90	.86	.83	.88	.84	.82	.86	.83	.81	.79
5.0	.88	.83	.79	.87	.82	.78	.85	.81	.78	.84	.80	.77	.82	.79	.76	.75
6.0	.83	.78	.74	.83	.78	.74	.81	.77	.73	.80	.76	.73	.79	.75	.73	.71
7.0	.79	.74	.70	.79	.74	.70	.78	.73	.70	.76	.72	.69	.75	.72	.69	.68
8.0	.76	.70	.67	.75	.70	.67	.74	.70	.66	.73	.69	.66	.72	.69	.66	.65
9.0	.72	.67	.64	.72	.67	.64	.71	.67	.63	.70	.66	.63	.69	.66	.63	.62
10.0	.69	.64	.61	.69	.64	.61	.68	.64	.61	.67	.63	.60	.67	.63	.60	.59



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-22

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:0.1314A P:27.69W PF:0.9546 Lamp Flux:1812.39x1 lm		
NAME: S150S2-25W-930-M	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	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	.165	.094	.030	.158	.090	.029	.146	.084	.027	.134	.077	.025	.123	.072	.023	
2.0	.157	.086	.026	.151	.083	.026	.141	.078	.024	.131	.074	.023	.122	.069	.022	
3.0	.149	.079	.024	.144	.077	.023	.135	.073	.022	.127	.069	.021	.119	.066	.020	
4.0	.141	.073	.021	.137	.072	.021	.129	.068	.020	.122	.066	.020	.115	.063	.019	
5.0	.134	.068	.020	.130	.067	.019	.123	.064	.019	.117	.062	.018	.112	.060	.018	
6.0	.127	.064	.018	.124	.063	.018	.118	.061	.018	.113	.059	.017	.108	.057	.017	
7.0	.121	.060	.017	.118	.059	.017	.113	.057	.016	.108	.056	.016	.104	.054	.016	
8.0	.115	.056	.016	.113	.056	.016	.108	.054	.015	.104	.053	.015	.100	.051	.015	
9.0	.110	.053	.015	.108	.053	.015	.104	.052	.015	.100	.050	.014	.097	.049	.014	
10.0	.106	.051	.014	.104	.050	.014	.100	.049	.014	.097	.048	.014	.094	.047	.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	.170	.157	.146	.146	.135	.126	.100	.093	.087	.057	.054	.050	.018	.017	.016	
2.0	.154	.133	.114	.132	.114	.099	.091	.079	.069	.052	.046	.040	.017	.015	.013	
3.0	.141	.113	.091	.121	.098	.079	.083	.068	.056	.048	.040	.033	.015	.013	.011	
4.0	.130	.099	.074	.112	.085	.065	.077	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.121	.087	.062	.104	.075	.054	.071	.052	.038	.041	.031	.022	.013	.010	.007	
6.0	.113	.077	.052	.097	.067	.045	.067	.047	.032	.039	.028	.019	.013	.009	.006	
7.0	.106	.069	.044	.091	.060	.038	.063	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.100	.063	.038	.086	.055	.033	.060	.038	.023	.035	.023	.014	.011	.007	.005	
9.0	.095	.058	.033	.082	.050	.029	.056	.035	.020	.033	.021	.012	.011	.007	.004	
10.0	.090	.053	.029	.077	.046	.025	.054	.032	.018	.031	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-22

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:0.1314A P:27.69W PF:0.9546 Lamp Flux:1812.39x1 lm										
NAME: S150S2-25W-930-M					TYPE:Downlight			SERIAL No.:		
SPEC.:3000K					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	13.0	13.9	13.3	14.1	14.2	13.0	13.8	13.2	14.0	14.2
3H	12.9	13.7	13.2	13.9	14.1	12.9	13.7	13.1	13.9	14.1
4H	12.9	13.6	13.1	13.8	14.0	12.8	13.5	13.1	13.7	14.0
6H	12.8	13.5	13.1	13.7	13.9	12.7	13.4	13.0	13.6	13.9
8H	12.7	13.4	13.0	13.6	13.9	12.7	13.3	13.0	13.6	13.8
12H	12.7	13.3	13.0	13.6	13.9	12.6	13.3	12.9	13.5	13.8
4H 2H	13.0	13.7	13.2	13.9	14.1	12.9	13.7	13.2	13.9	14.1
3H	12.8	13.5	13.1	13.7	14.0	12.8	13.4	13.1	13.7	14.0
4H	12.7	13.3	13.1	13.6	13.9	12.7	13.3	13.0	13.6	13.9
6H	12.6	13.2	13.0	13.5	13.8	12.6	13.1	13.0	13.4	13.8
8H	12.6	13.1	13.0	13.4	13.8	12.5	13.0	12.9	13.4	13.7
12H	12.5	13.0	12.9	13.3	13.7	12.5	12.9	12.9	13.3	13.7
8H 4H	12.6	13.1	13.0	13.4	13.8	12.5	13.0	12.9	13.4	13.7
6H	12.5	12.9	12.9	13.3	13.7	12.4	12.8	12.9	13.2	13.6
8H	12.4	12.8	12.9	13.2	13.6	12.4	12.7	12.8	13.1	13.6
12H	12.4	12.7	12.8	13.1	13.6	12.3	12.6	12.8	13.1	13.5
12H 4H	12.5	13.0	12.9	13.3	13.7	12.5	12.9	12.9	13.3	13.7
6H	12.4	12.8	12.9	13.2	13.6	12.4	12.7	12.8	13.1	13.6
8H	12.4	12.7	12.8	13.1	13.6	12.3	12.6	12.8	13.1	13.5
Variations with the observer position at spacings:										
S = 1.0H	+ 2.5 / - 3.1					+ 2.3 / - 3.2				
1.5H	+ 3.0 / - 2.3					+ 2.8 / - 2.4				
2.0H	+ 3.6 / - 6.7					+ 3.4 / - 7.1				

CIE Pub.117 Corrected 1812 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.1)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-22

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:0.1314A P:27.69W PF:0.9546 Lamp Flux:1812.39x1 lm		
NAME: S150S2-25W-930-M	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	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) $k(RI) \times RCR = 5$									
$k = 0.60$	86	79	75	85	79	75	85	79	75	71
0.80	94	88	84	93	87	84	92	87	83	79
1.00	98	93	89	98	92	89	96	92	88	84
1.25	103	97	94	102	97	93	100	95	92	88
1.50	105	101	97	104	100	97	102	98	96	91
2.00	108	104	101	107	103	100	104	101	98	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	112	108	105	110	107	104	106	104	102	96
4.00	114	111	109	112	109	107	108	106	104	97
5.00	115	113	111	113	111	109	109	107	106	98
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:2017-06-22

$\gamma$  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:0.1314A P:27.69W PF:0.9546 Lamp Flux:1812.39x1 lm		
NAME: S150S2-25W-930-M	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L162mm*W162mm*H188mm	
MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

1708.2 lm

%lum = 94.2%

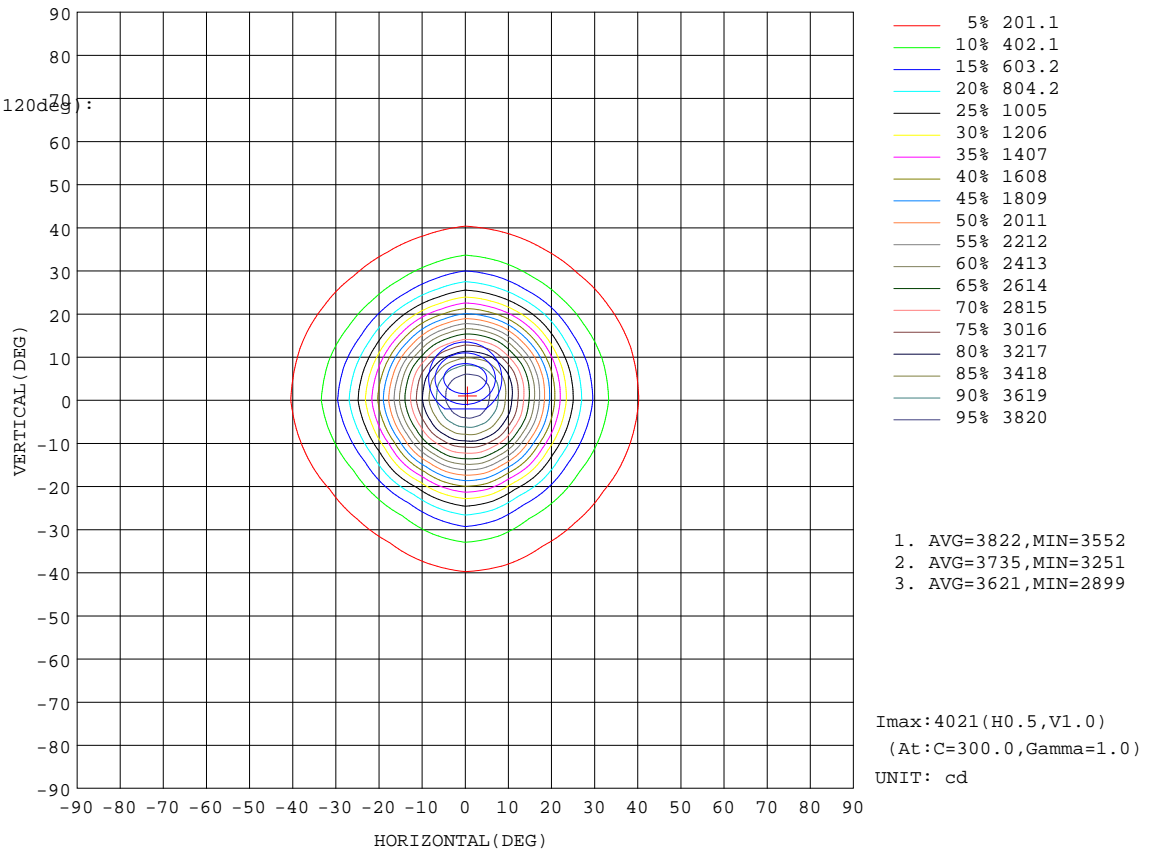
%lamp = 94.2%

Conical surface Flux(120deg):

1798.2 lm

%lum = 99.2%

%lamp = 99.2%



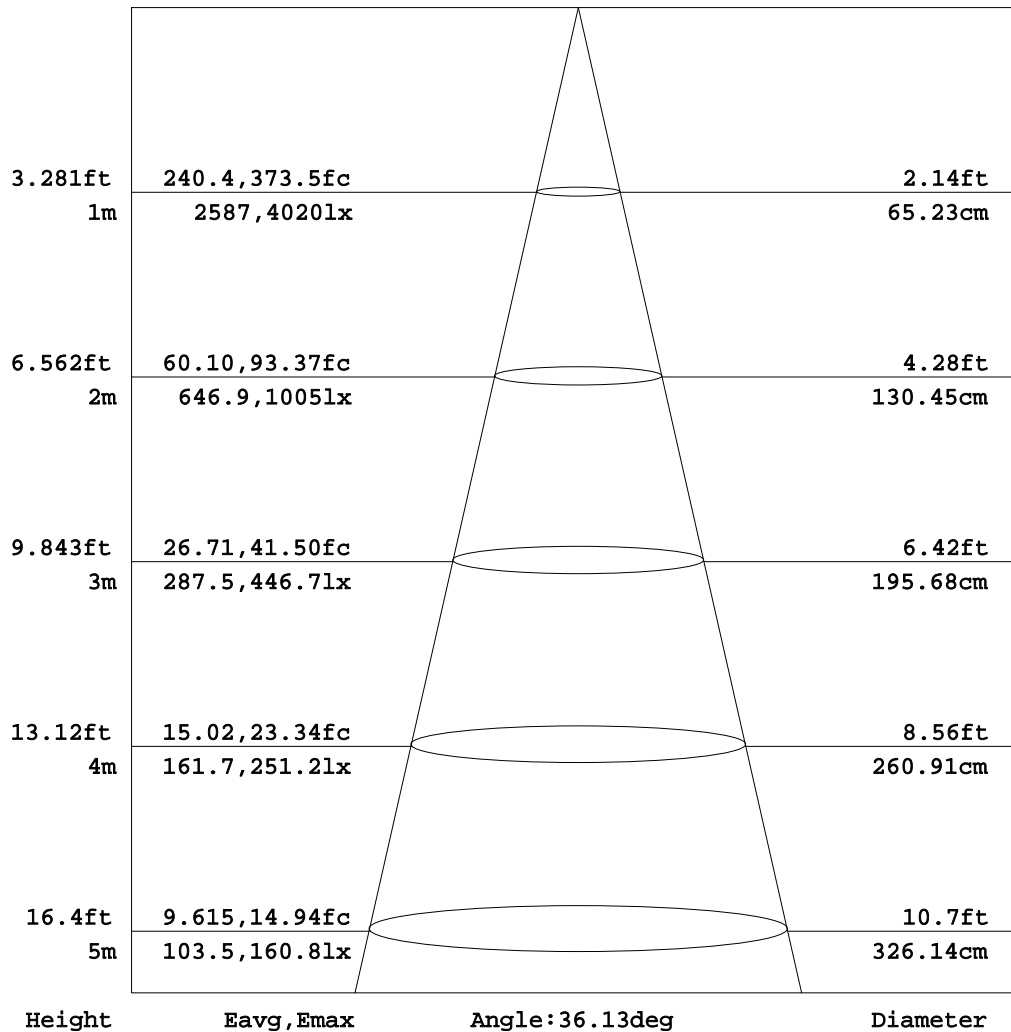
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-22

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:0.1314A P:27.69W PF:0.9546 Lamp Flux:1812.39x1 lm		
NAME: S150S2-25W-930-M	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L162mm*W162mm*H188mm	
MFR.: NEKO LIGHTING AG		

Flux out:963.8 lm



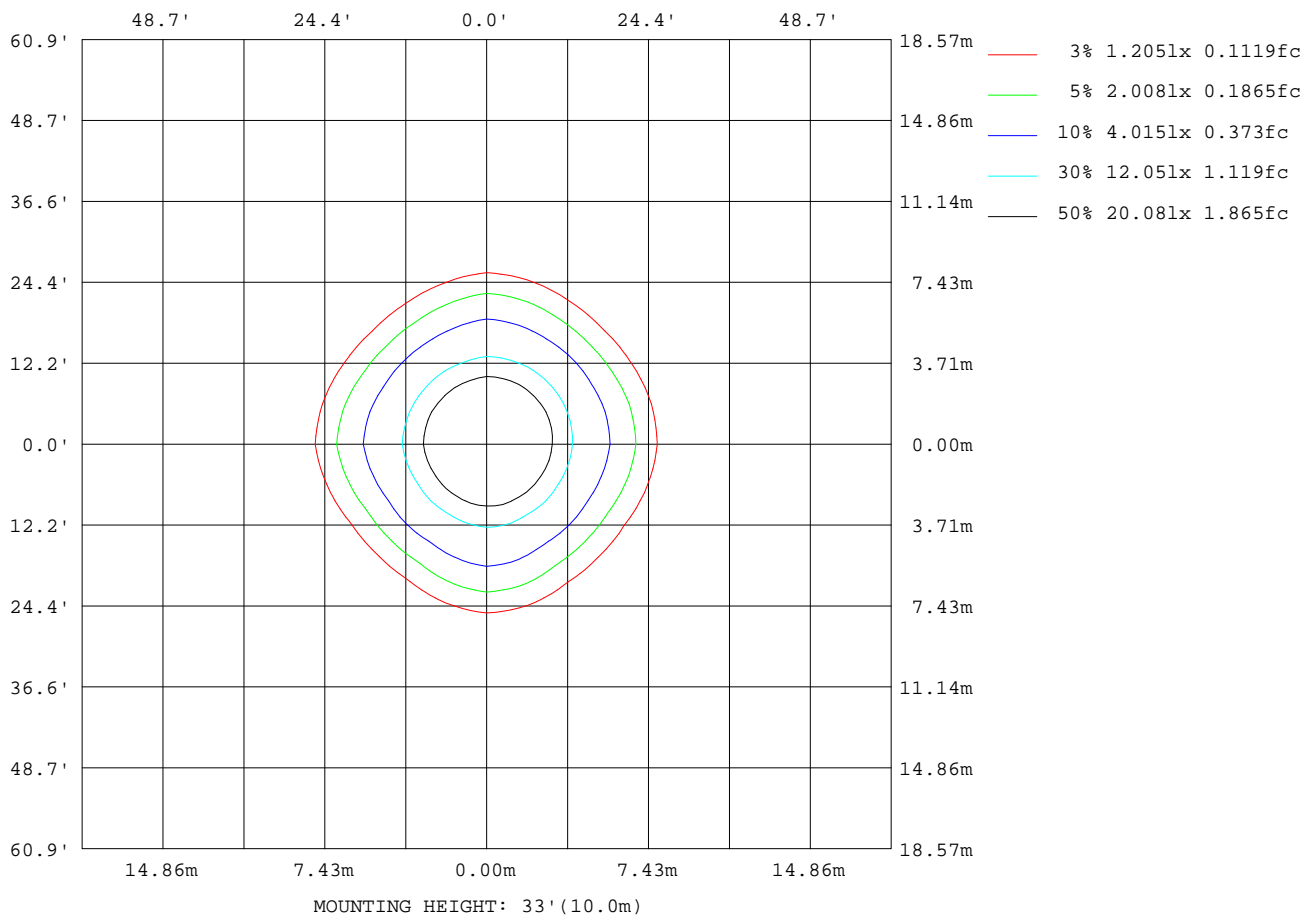
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-06-22

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**

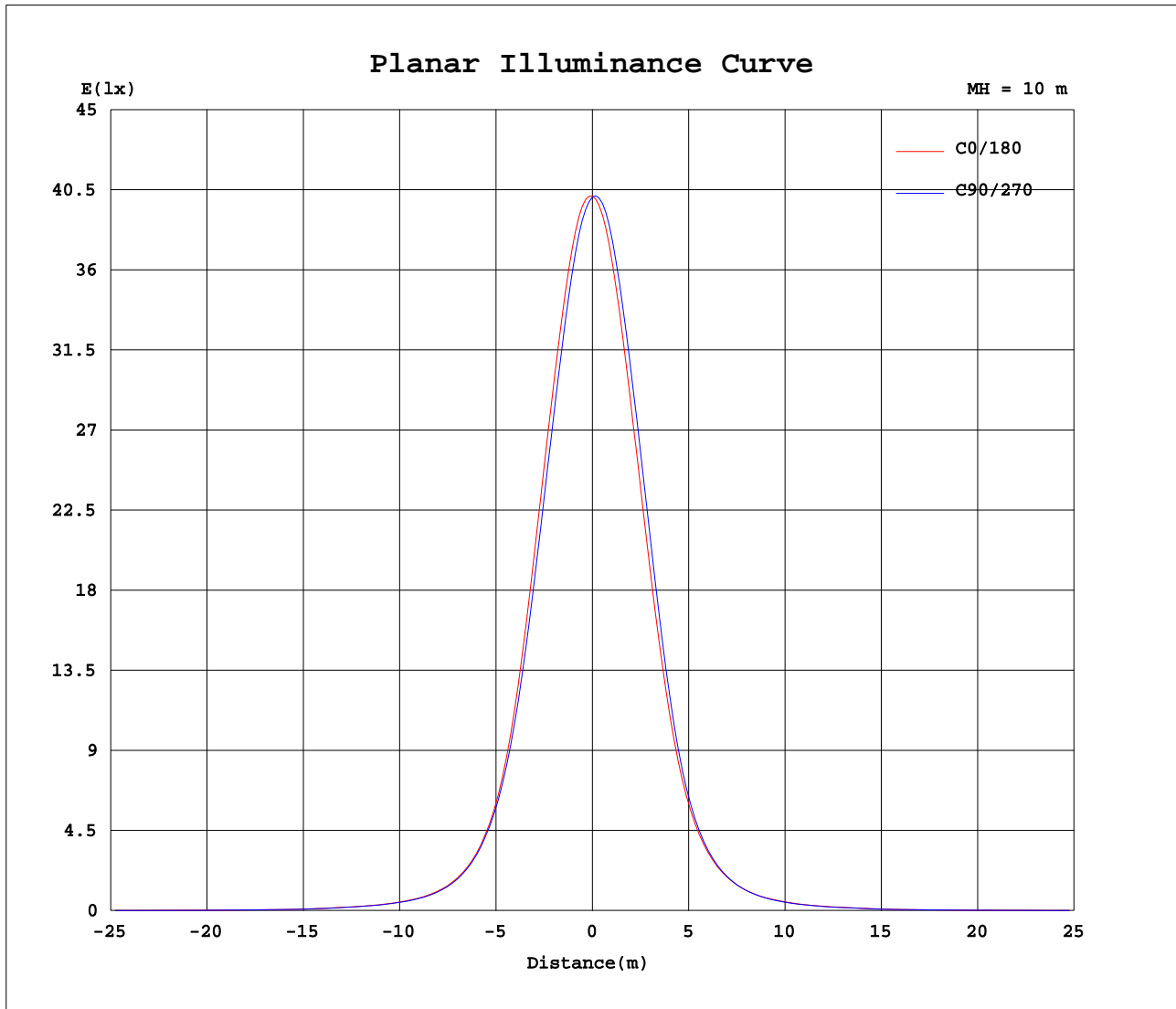
Test:U:220.6V I:0.1314A P:27.69W PF:0.9546 Lamp Flux:1812.39x1 lm		
NAME: S150S2-25W-930-M	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L162mm*W162mm*H188mm	
MFR.: NEKO LIGHTING AG		



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-22

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: 2017-06-22

$\gamma$  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	4015	4014	4013	4012	4011	4012	4009	4011	4010	4011
3.0	3973	3967	3948	3939	3918	3911	3893	3895	3887	3893
6.0	3778	3769	3737	3726	3688	3672	3639	3643	3628	3640
9.0	3451	3443	3398	3386	3337	3320	3274	3281	3257	3274
12.0	3044	3025	2964	2949	2904	2898	2852	2852	2809	2821
15.0	2579	2540	2460	2445	2406	2426	2390	2367	2307	2315
18.0	2073	2009	1921	1913	1874	1923	1913	1862	1782	1796
21.0	1567	1494	1406	1410	1367	1443	1453	1376	1289	1309
24.0	1131	1048	973.7	976.5	947.3	1032	1067	981.0	887.7	903.4
27.0	803.3	726.3	656.2	656.2	652.1	730.0	771.5	689.8	604.5	604.9
30.0	572.7	509.7	448.1	443.3	445.6	518.9	556.4	488.9	413.3	408.6
33.0	412.1	365.8	318.0	310.8	319.1	373.1	399.9	351.0	295.4	287.1
36.0	301.3	269.3	235.0	229.1	236.6	273.0	290.8	257.2	218.9	211.7
39.0	225.5	202.8	179.8	175.4	181.2	204.2	216.3	193.3	167.9	162.3
42.0	171.9	158.4	141.0	138.5	142.0	158.5	164.3	151.2	132.0	128.6
45.0	136.5	127.6	113.4	109.9	113.7	126.1	131.3	120.2	105.8	102.4
48.0	108.9	105.0	91.86	87.98	91.51	104.3	104.2	98.82	86.12	82.70
51.0	87.20	83.95	75.87	69.40	73.81	84.37	84.53	78.84	70.94	67.01
54.0	67.55	64.90	56.96	54.91	56.42	64.59	64.19	59.35	53.88	54.50
57.0	45.76	42.67	40.68	42.08	39.94	43.86	45.54	40.78	37.39	41.44
60.0	33.52	28.93	27.13	31.16	26.50	28.99	33.26	27.36	25.13	31.04
63.0	24.04	19.69	16.35	21.08	15.26	18.09	21.92	17.25	14.42	21.09
66.0	14.34	6.143	5.855	13.25	5.333	6.670	11.94	6.456	4.951	12.81
69.0	8.675	1.635	1.813	7.044	1.982	1.434	7.400	1.317	1.660	6.415
72.0	3.441	0.8183	0.9956	2.892	1.013	0.6563	3.199	0.5564	0.7988	2.554
75.0	0.9645	0.3624	0.6466	0.8746	0.3407	0.2618	0.5721	0.2552	0.3315	0.5339
78.0	0.1495	0.2495	0.4094	0.3408	0.1231	0.1072	0.1357	0.0962	0.1012	0.1003
81.0	0.1399	0.3216	0.3832	0.3126	0.2325	0.1881	0.1597	0.0962	0.0722	0.0678
84.0	0.1857	0.3719	0.3740	0.3039	0.2732	0.2034	0.1335	0.0962	0.0722	0.0700
87.0	0.2272	0.3889	0.3196	0.2558	0.2497	0.2031	0.1290	0.0984	0.0722	0.0787
90.0	0.2646	0.3476	0.2952	0.2427	0.1924	0.1487	0.1224	0.1028	0.0787	0.0787

G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	4009	4012	4015	4014	4013	4012	4011	4012	4009	4011
3.0	3889	3904	3924	3928	3946	3954	3971	3977	3990	3994
6.0	3633	3656	3690	3701	3741	3756	3788	3796	3821	3830
9.0	3263	3296	3339	3355	3412	3430	3475	3481	3519	3531
12.0	2814	2861	2915	2933	2987	3001	3056	3073	3125	3142
15.0	2310	2378	2454	2456	2498	2499	2563	2594	2673	2681
18.0	1787	1871	1970	1957	1972	1971	2028	2068	2169	2169
21.0	1294	1391	1506	1472	1465	1461	1506	1539	1650	1634
24.0	892.5	983.6	1103	1063	1024	1025	1048	1087	1195	1163
27.0	608.1	689.9	797.1	755.7	700.3	691.7	705.8	753.4	847.2	809.7
30.0	415.6	489.5	575.9	540.5	484.6	467.0	479.3	527.1	602.0	567.4
33.0	297.1	353.9	417.8	391.2	346.0	327.4	337.8	376.8	429.7	403.8
36.0	220.6	260.9	307.6	287.4	256.4	239.9	248.0	274.2	311.2	291.5
39.0	169.2	198.0	230.1	216.9	195.4	183.7	188.0	204.2	229.2	215.2
42.0	133.2	154.7	175.1	168.6	152.9	144.3	146.4	157.0	171.7	163.9
45.0	107.2	124.3	138.7	134.7	121.3	115.1	116.1	124.6	133.3	128.0
48.0	87.53	101.7	109.7	108.8	98.29	91.30	93.22	101.1	104.5	102.4
51.0	71.87	81.56	88.30	86.60	80.39	72.25	75.66	78.84	81.97	80.44
54.0	55.83	61.88	70.12	66.24	60.95	56.35	56.50	60.24	65.03	59.79
57.0	38.30	40.74	48.15	44.39	43.12	41.88	39.54	41.81	45.44	40.60
60.0	25.40	26.85	34.78	29.57	28.20	30.30	26.37	28.46	33.10	27.26
63.0	14.00	17.34	23.99	19.02	16.84	20.30	16.07	18.98	24.20	18.22
66.0	5.284	8.159	13.87	7.571	6.207	12.59	6.510	5.784	15.05	8.727
69.0	1.954	1.678	8.455	2.102	1.981	6.754	1.930	1.355	9.330	2.070
72.0	0.9567	0.7614	3.370	0.8578	0.9591	2.794	0.9637	0.6771	3.517	0.8048
75.0	0.3910	0.3141	0.8286	0.3510	0.3793	0.6321	0.4099	0.3509	0.9282	0.3705
78.0	0.1166	0.0852	0.3681	0.1032	0.1109	0.1231	0.1240	0.1273	0.2676	0.1142
81.0	0.0722	0.0743	0.0961	0.0918	0.0568	0.0635	0.0547	0.0854	0.0962	0.0897
84.0	0.0722	0.0743	0.0678	0.0722	0.0568	0.0569	0.0568	0.0722	0.0656	0.0875
87.0	0.0722	0.0743	0.0612	0.0613	0.0568	0.0568	0.0568	0.0613	0.0634	0.0896
90.0	0.0722	0.0743	0.0612	0.0612	0.0590	0.0568	0.0568	0.0590	0.0590	0.0918

G/C	300.0	315.0	330.0	345.0
0.0	4010	4011	4009	4012
3.0	4004	4003	4001	3989
6.0	3857	3852	3849	3815
9.0	3570	3562	3560	3507
12.0	3178	3164	3163	3111
15.0	2711	2683	2693	2647
18.0	2184	2160	2166	2135
21.0	1644	1633	1629	1609

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
 Test Date: 2017-06-22

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	1157	1162	1148	1148
27.0	781.5	785.4	776.7	800.0
30.0	528.5	522.8	527.3	562.4
33.0	368.4	357.5	369.4	402.4
36.0	267.0	256.0	268.8	293.2
39.0	199.4	191.7	201.9	219.2
42.0	153.1	148.0	155.7	169.1
45.0	119.5	116.7	122.2	133.4
48.0	95.08	92.11	97.45	108.3
51.0	77.24	72.74	80.04	85.70
54.0	59.06	56.53	59.95	65.45
57.0	39.40	41.69	42.71	43.18
60.0	26.20	30.35	27.74	28.39
63.0	16.26	20.90	17.24	18.23
66.0	6.459	13.19	6.895	8.678
69.0	1.975	7.460	1.918	1.969
72.0	1.088	3.257	1.021	0.8596
75.0	0.5058	0.8098	0.4556	0.4014
78.0	0.1460	0.1561	0.1371	0.1493
81.0	0.0743	0.0657	0.0612	0.1116
84.0	0.0721	0.0613	0.0590	0.0875
87.0	0.0590	0.0590	0.0590	0.0744
90.0	0.0590	0.0590	0.0590	0.0831

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-06-22

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: