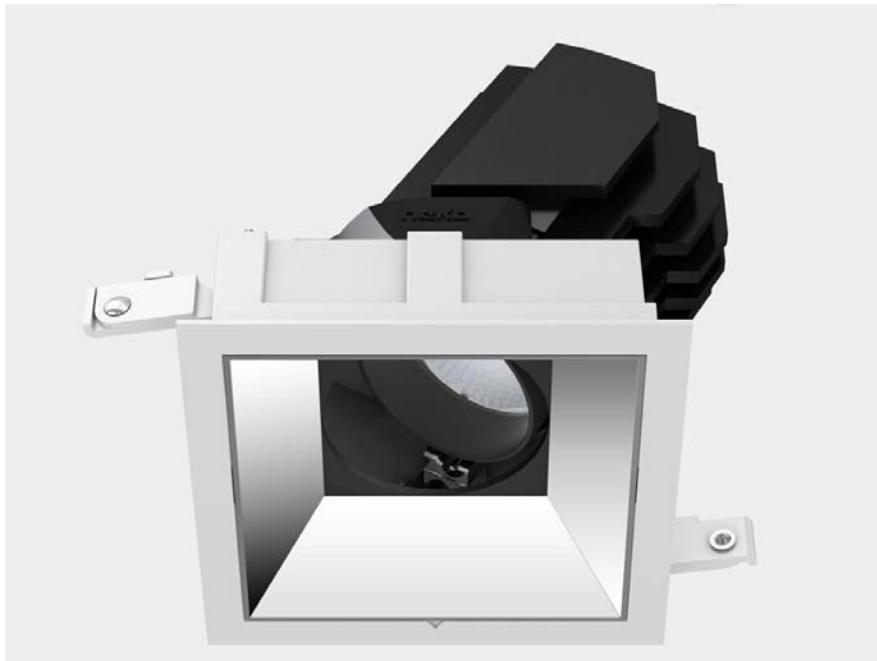


LED Downlight SENSE Series S150S1-25W-930-W



Light Output Ratio:	100.0%	
Luminaire Power:	27.68 W	
SHR Nominal:	0.75	Calculated using the TM5
SHR Maximum:	0.85	fine grid method.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-06-17

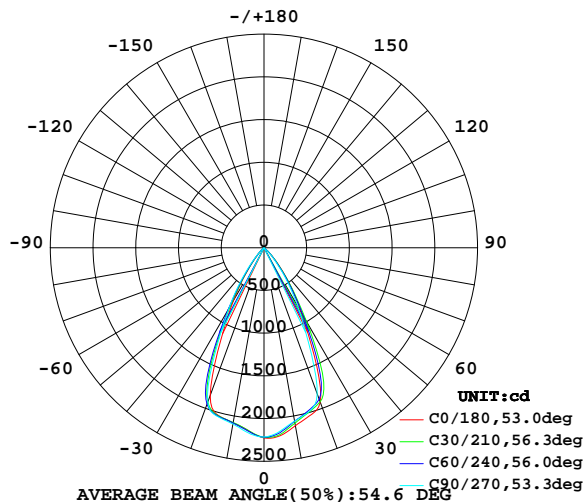
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

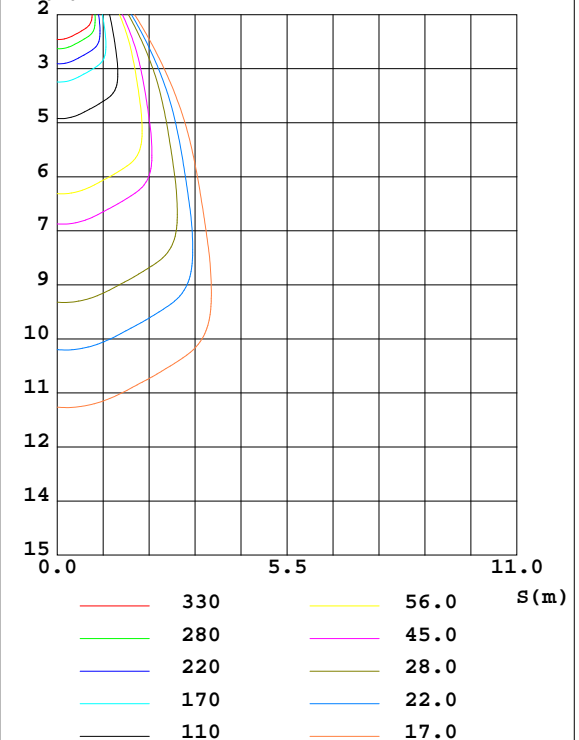
Test:U:220.6V I:0.1315A P:27.68W PF:0.9540 Lamp Flux:1802.94x1 lm		
NAME: S150S1-25W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L162mm*W162mm*H188mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 65.13 lm/W			
MODEL	CITIZEN-3000K	I <sub>max</sub> (cd)	2231	S/MH(C0/180)	0.77
NOMINAL POWER(W)	28	LOR(%)	100.0	S/MH(C90/270)	0.81
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	1802.9	η UP,DN(C0-180)	0.0,50.1
NOMINAL FLUX(lm)	1802.94	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.9
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	0.85

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



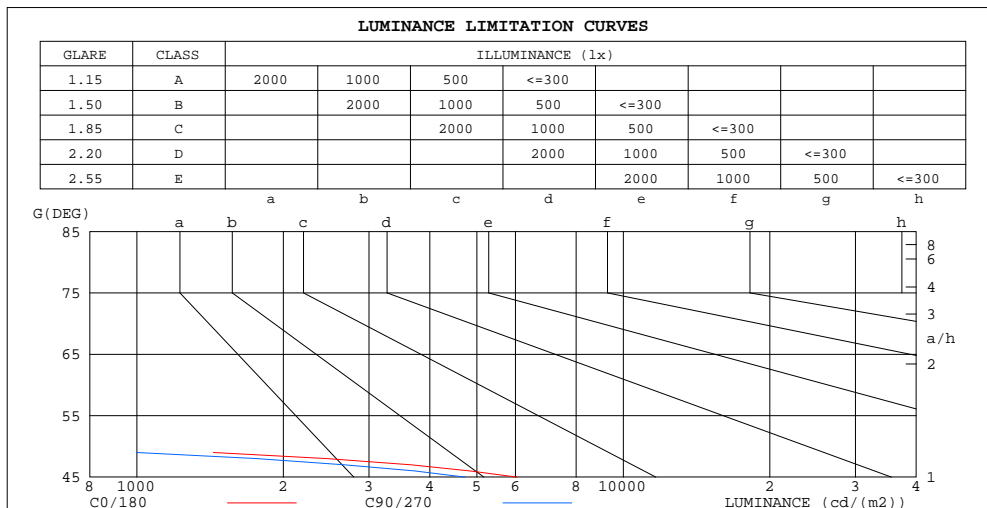
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Meng Yongjian  
 Test Date:2017-06-17

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	2115	2076	2061	2060	2083	2076	2095	2117	0- 10	203.9	203.9	11.3,11.3
20	1922	1910	1823	1892	1842	1931	1925	1986	10- 20	569.5	773.4	42.9,42.9
30	872.5	1037	791.1	860.4	715.9	824.9	825.6	1048	20- 30	641.7	1415	78.5,78.5
40	271.7	279.8	219.8	214.7	170.7	179.0	212.3	268.8	30- 40	302.3	1717	95.3,95.3
50	12.03	49.40	9.212	36.07	7.922	27.18	8.963	46.80	40- 50	78.15	1796	99.6,99.6
60	0.8867	2.082	1.028	1.752	0.9907	1.820	1.014	2.251	50- 60	6.454	1802	99.9,99.9
70	0.2930	0.2228	0.3895	0.3101	0.4117	0.4201	0.3511	0.2539	60- 70	0.6674	1803	100,100
80	0.1129	0.1006	0.1084	0.1050	0.0700	0.0634	0.0656	0.0678	70- 80	0.1418	1803	100,100
90	0.1377	0.1377	0.1399	0.1399	0.0722	0.0612	0.0656	0.0765	80- 90	0.1056	1803	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		



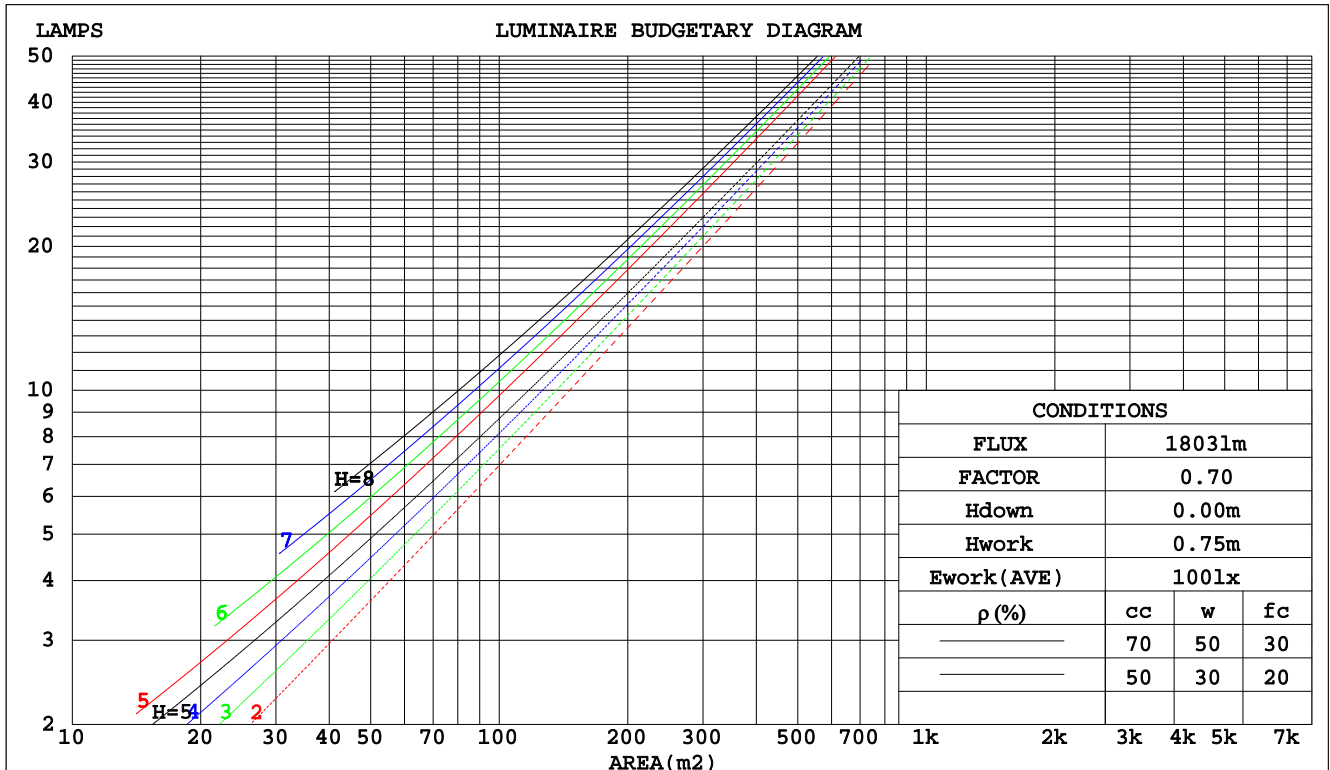
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-06-17

$\gamma$  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:220.6V I:0.1315A P:27.68W PF:0.9540 Lamp Flux:1802.94x1 lm		
NAME: S150S1-25W-930-W	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	1.03	1.02	1.01	.00	.99	.98	.97	.96	.94
2.0	1.04	1.00	.97	1.02	.99	.96	.99	.96	.94	.96	.94	.92	.93	.91	.90	.88
3.0	.97	.93	.89	.96	.92	.88	.93	.90	.87	.91	.88	.85	.89	.86	.84	.83
4.0	.91	.86	.82	.90	.85	.82	.88	.84	.81	.86	.83	.80	.84	.81	.79	.77
5.0	.86	.80	.76	.85	.80	.76	.83	.79	.75	.82	.78	.75	.80	.77	.74	.73
6.0	.81	.75	.71	.80	.75	.71	.79	.74	.71	.77	.73	.70	.76	.72	.70	.68
7.0	.76	.71	.67	.76	.70	.67	.75	.70	.66	.73	.69	.66	.72	.68	.66	.64
8.0	.72	.67	.63	.72	.66	.63	.71	.66	.62	.70	.65	.62	.69	.65	.62	.60
9.0	.68	.63	.59	.68	.63	.59	.67	.62	.59	.66	.62	.59	.65	.61	.58	.57
10.0	.65	.59	.56	.65	.59	.56	.64	.59	.56	.63	.59	.55	.62	.58	.55	.54



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-17

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:220.6V I:0.1315A P:27.68W PF:0.9540 Lamp Flux:1802.94x1 lm		
NAME: S150S1-25W-930-W	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	.170	.097	.031	.164	.093	.030	.151	.087	.028	.139	.080	.026	.129	.075	.024		
2.0	.163	.089	.027	.157	.086	.027	.146	.081	.025	.137	.077	.024	.128	.072	.023		
3.0	.155	.082	.025	.150	.080	.024	.141	.076	.023	.133	.073	.022	.125	.069	.021		
4.0	.148	.077	.023	.143	.075	.022	.136	.072	.022	.129	.069	.021	.122	.066	.020		
5.0	.141	.072	.021	.137	.070	.021	.131	.068	.020	.124	.066	.020	.119	.063	.019		
6.0	.135	.068	.019	.132	.066	.019	.126	.064	.019	.120	.062	.018	.115	.061	.018		
7.0	.129	.064	.018	.126	.063	.018	.121	.061	.018	.116	.060	.017	.112	.058	.017		
8.0	.124	.060	.017	.121	.060	.017	.117	.058	.017	.112	.057	.016	.108	.055	.016		
9.0	.119	.057	.016	.117	.057	.016	.112	.056	.016	.108	.054	.016	.105	.053	.015		
10.0	.114	.055	.015	.112	.054	.015	.108	.053	.015	.105	.052	.015	.101	.051	.015		

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	.171	.157	.145	.146	.135	.125	.100	.093	.087	.057	.054	.050	.018	.017	.016	
2.0	.155	.133	.114	.133	.114	.098	.091	.079	.069	.052	.046	.040	.017	.015	.013	
3.0	.142	.114	.091	.122	.098	.079	.084	.068	.055	.048	.040	.032	.016	.013	.011	
4.0	.132	.099	.073	.113	.085	.064	.078	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.123	.087	.060	.106	.075	.053	.073	.053	.037	.042	.031	.022	.014	.010	.007	
6.0	.116	.078	.051	.099	.067	.044	.068	.047	.031	.040	.028	.018	.013	.009	.006	
7.0	.109	.070	.043	.094	.061	.037	.065	.043	.026	.038	.025	.016	.012	.008	.005	
8.0	.103	.064	.037	.089	.055	.032	.062	.039	.023	.036	.023	.013	.012	.008	.004	
9.0	.098	.059	.032	.085	.051	.028	.059	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.094	.054	.028	.081	.047	.024	.056	.033	.017	.033	.020	.010	.011	.006	.003	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-17

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:220.6V I:0.1315A P:27.68W PF:0.9540 Lamp Flux:1802.94x1 lm		
NAME: S150S1-25W-930-W	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	14.5	15.4	14.7	15.6	15.7	13.8	14.7	14.1	14.9	15.1
3H	14.3	15.2	14.6	15.4	15.6	13.7	14.5	13.9	14.7	14.9
4H	14.2	15.0	14.5	15.2	15.5	13.6	14.4	13.9	14.6	14.8
6H	14.2	14.9	14.5	15.1	15.4	13.5	14.2	13.8	14.5	14.7
8H	14.1	14.8	14.4	15.1	15.3	13.4	14.2	13.7	14.4	14.7
12H	14.1	14.7	14.4	15.0	15.3	13.4	14.1	13.7	14.3	14.6
4H 2H	14.2	15.0	14.5	15.3	15.5	13.6	14.4	13.9	14.6	14.8
3H	14.1	14.7	14.4	15.0	15.3	13.4	14.1	13.7	14.3	14.6
4H	14.0	14.6	14.3	14.9	15.2	13.3	13.9	13.7	14.2	14.5
6H	13.9	14.4	14.3	14.7	15.1	13.2	13.7	13.6	14.1	14.4
8H	13.8	14.3	14.2	14.7	15.0	13.2	13.7	13.5	14.0	14.4
12H	13.8	14.2	14.2	14.6	15.0	13.1	13.6	13.5	13.9	14.3
8H 4H	13.8	14.3	14.2	14.7	15.0	13.2	13.7	13.5	14.0	14.4
6H	13.7	14.1	14.1	14.5	14.9	13.1	13.5	13.5	13.9	14.3
8H	13.7	14.0	14.1	14.4	14.9	13.0	13.4	13.4	13.8	14.2
12H	13.6	13.9	14.1	14.4	14.8	12.9	13.3	13.4	13.7	14.2
12H 4H	13.8	14.2	14.2	14.6	15.0	13.1	13.6	13.5	13.9	14.3
6H	13.7	14.0	14.1	14.4	14.9	13.0	13.4	13.4	13.8	14.2
8H	13.6	13.9	14.1	14.4	14.8	12.9	13.3	13.4	13.7	14.2
Variations with the observer position at spacings:										
S = 1.0H	+ 3.3 / -24.7					+ 2.9 / -23.5				
1.5H	+ 5.5 / -18.5					+ 5.2 / -17.3				
2.0H	+ 7.6 / -21.8					+ 7.2 / -20.5				

CIE Pub.117 Corrected 1803 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.0)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-17

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:220.6V I:0.1315A P:27.68W PF:0.9540 Lamp Flux:1802.94x1 lm		
NAME: S150S1-25W-930-W	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) $k(RI) \times RCR = 5$									
$k = 0.60$	89	82	79	88	82	79	87	82	79	75
0.80	96	90	87	95	90	87	94	89	86	83
1.00	100	95	91	99	94	91	98	94	91	87
1.25	104	99	96	103	99	95	101	97	95	91
1.50	107	102	99	105	101	99	103	100	97	93
2.00	109	105	102	108	104	101	105	102	100	95
2.50	111	107	104	109	106	103	106	104	101	96
3.00	112	109	106	110	108	105	107	105	103	97
4.00	114	111	109	112	110	108	109	107	105	98
5.00	115	113	111	113	111	110	109	108	107	99
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:2017-06-17

$\gamma$  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:220.6V I:0.1315A P:27.68W PF:0.9540 Lamp Flux:1802.94x1 lm		
NAME: S150S1-25W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L162mm*W162mm*H188mm	
MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

1773.4 lm

%lum = 98.4%

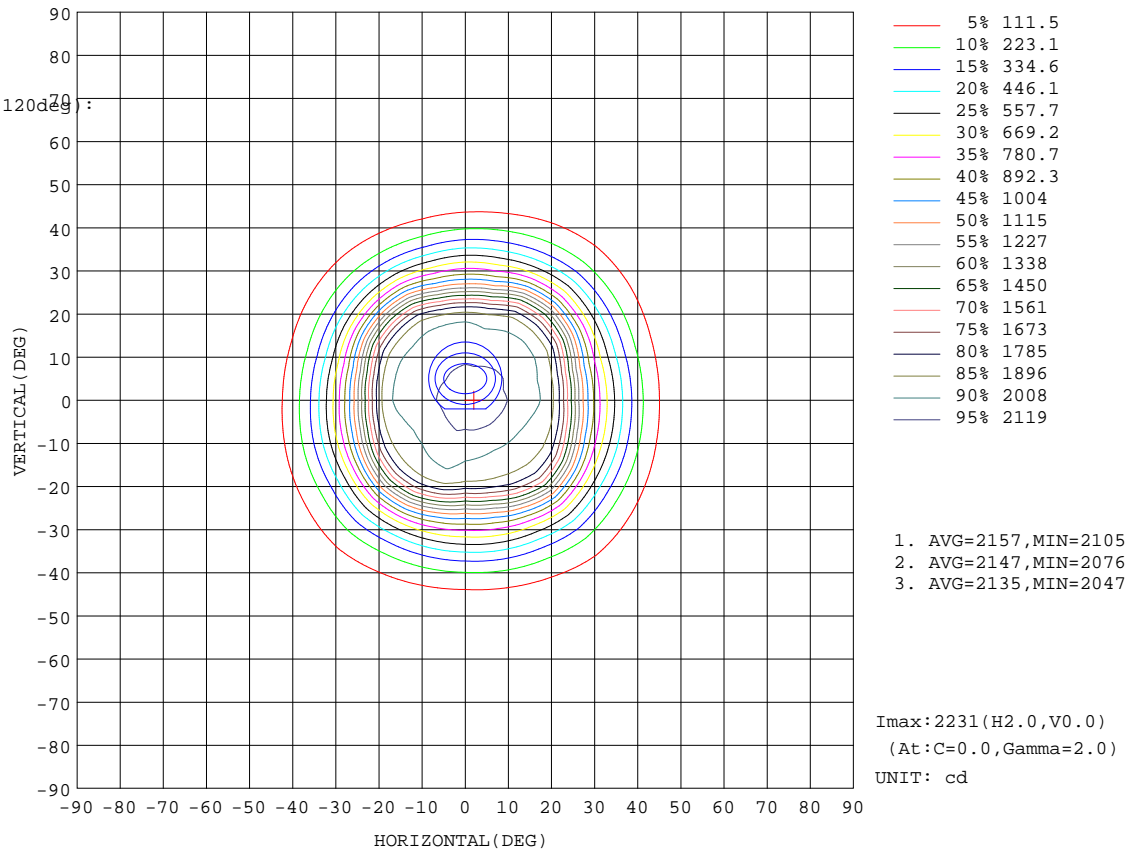
%lamp = 98.4%

Conical surface Flux(120deg):

1802 lm

%lum = 99.9%

%lamp = 99.9%



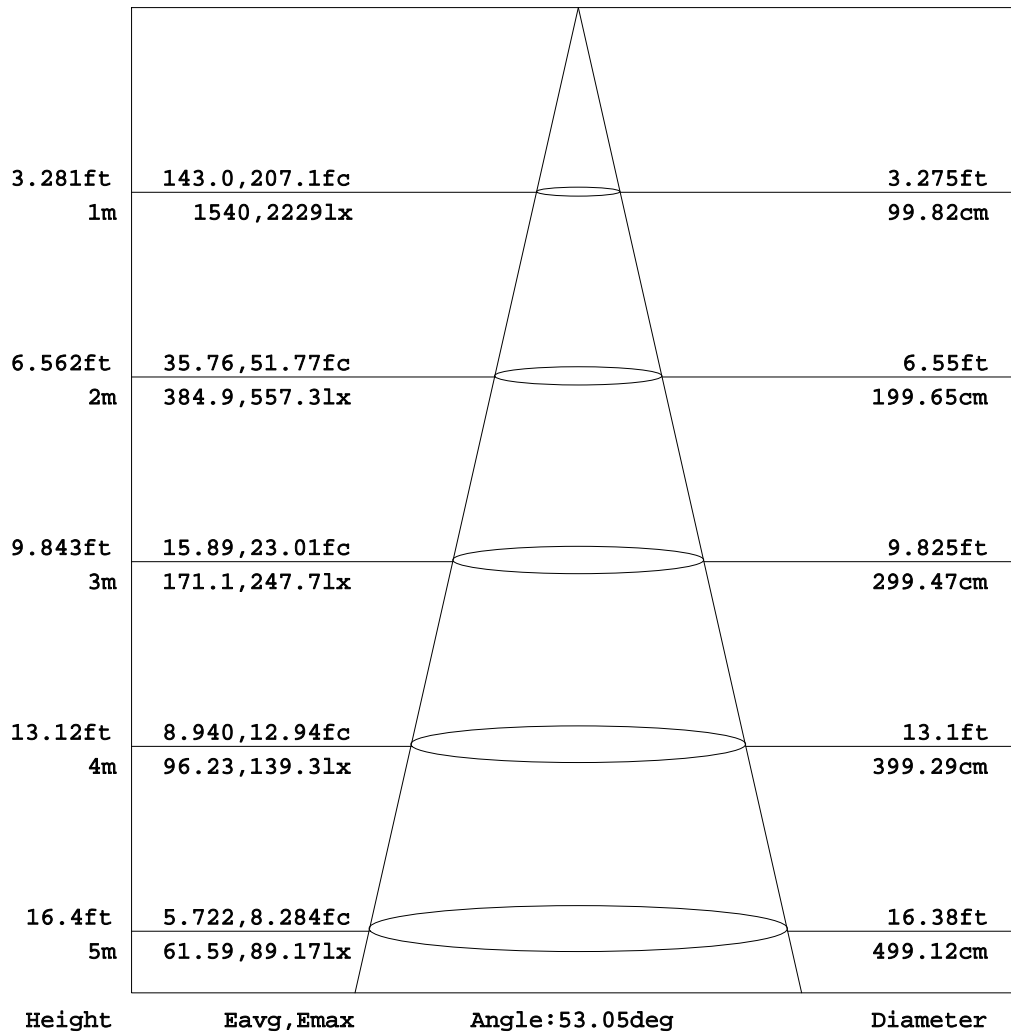
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-17

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:220.6V I:0.1315A P:27.68W PF:0.9540 Lamp Flux:1802.94x1 lm		
NAME: S150S1-25W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L162mm*W162mm*H188mm	
MFR.: NEKO LIGHTING AG		

Flux out:1256 lm



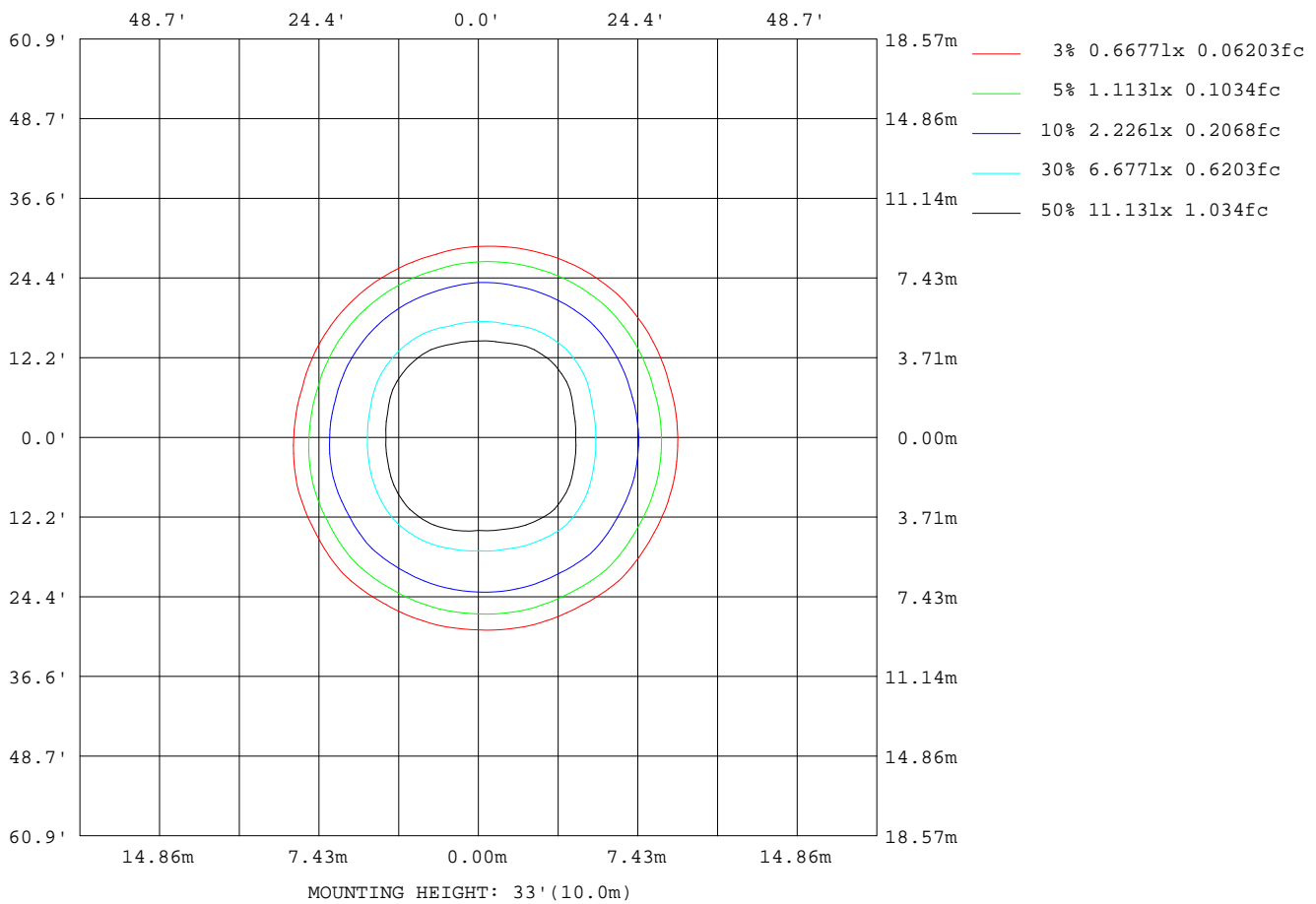
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-06-17

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

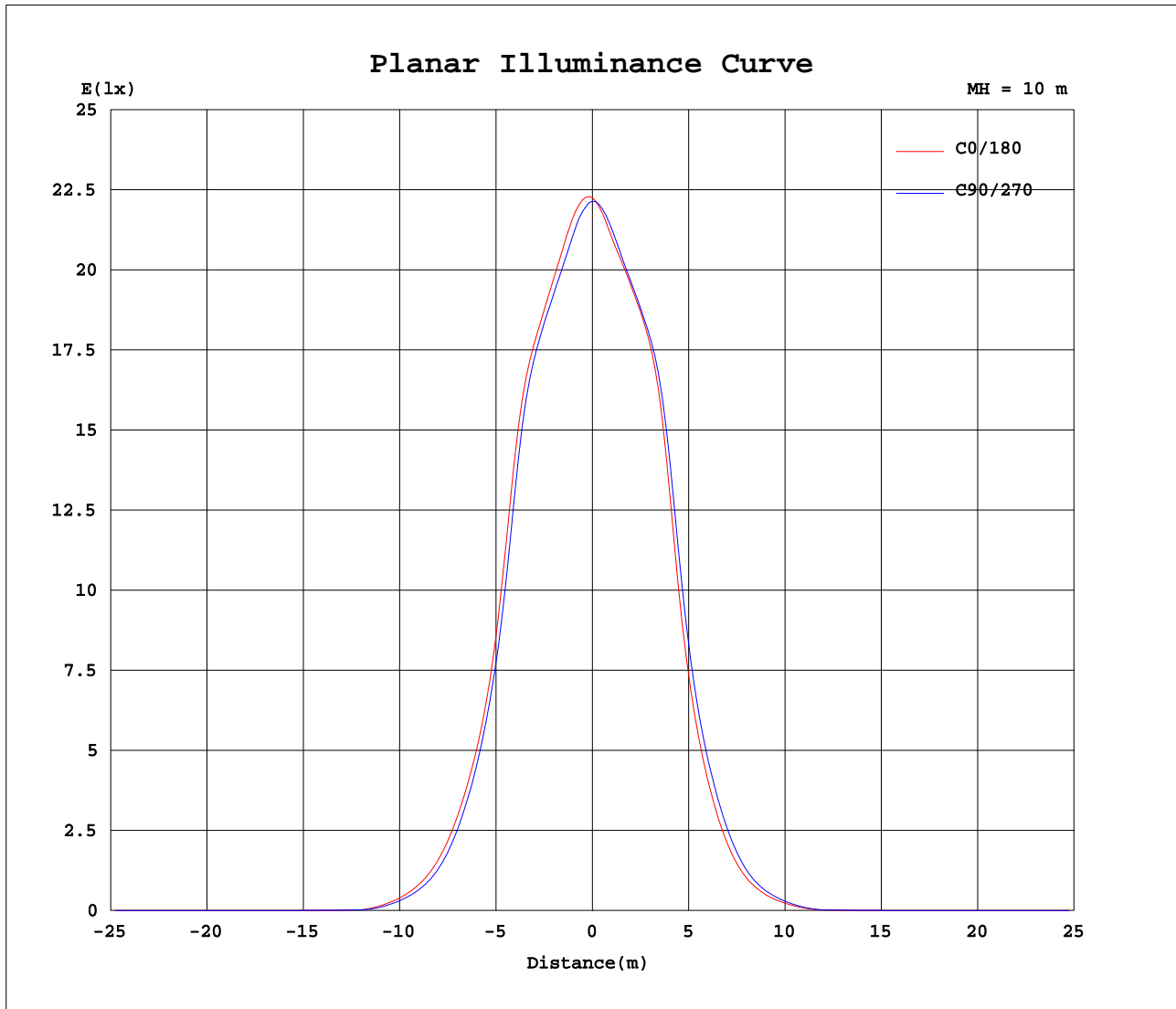
Test:U:220.6V I:0.1315A P:27.68W PF:0.9540 Lamp Flux:1802.94x1 lm		
NAME: S150S1-25W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L162mm*W162mm*H188mm	
MFR.: NEKO LIGHTING AG		



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-17

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: 2017-06-17

$\gamma$  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	2226	2222	2219	2218	2217	2215	2214	2214	2212	2210
3.0	2226	2222	2215	2210	2201	2196	2190	2191	2182	2175
6.0	2192	2186	2173	2165	2150	2145	2135	2138	2127	2120
9.0	2134	2121	2105	2097	2083	2081	2077	2097	2085	2073
12.0	2084	2063	2047	2040	2029	2031	2034	2059	2047	2033
15.0	2040	2016	1999	1991	1980	1989	1995	2027	2017	1999
18.0	1997	1976	1955	1945	1932	1933	1930	1978	1970	1956
21.0	1857	1879	1894	1886	1848	1781	1733	1822	1850	1844
24.0	1521	1599	1720	1734	1619	1445	1369	1475	1578	1595
27.0	1147	1214	1368	1417	1251	1096	1039	1097	1193	1225
30.0	872.5	900.9	992.4	1037	909.0	827.4	791.1	803.5	843.1	860.4
33.0	662.0	672.4	696.3	720.9	647.7	612.6	584.0	575.7	582.9	591.3
36.0	475.0	482.0	478.9	499.4	446.7	426.4	401.9	391.6	382.5	393.5
39.0	316.2	320.7	315.0	326.1	290.2	276.2	257.9	251.4	244.2	251.2
42.0	198.1	200.9	198.9	204.2	181.1	171.3	158.5	154.7	151.5	156.7
45.0	112.3	117.6	120.6	126.2	109.0	98.09	87.75	89.12	90.80	95.16
48.0	43.07	55.14	68.24	73.39	60.74	42.17	30.90	38.83	49.92	55.14
51.0	7.424	12.60	30.63	39.37	25.02	8.838	7.593	8.676	21.73	28.17
54.0	4.250	5.096	8.566	16.26	6.495	5.339	4.680	5.072	6.135	10.77
57.0	2.136	2.571	3.556	4.408	3.628	2.707	2.264	2.656	3.203	3.438
60.0	0.8867	1.178	1.756	2.082	1.650	1.191	1.028	1.204	1.515	1.752
63.0	0.4399	0.4676	0.8338	1.028	0.7750	0.6075	0.6586	0.6141	0.7240	0.8334
66.0	0.3523	0.3562	0.4141	0.4539	0.3766	0.5114	0.5362	0.5003	0.4506	0.4239
69.0	0.2975	0.2863	0.2869	0.2577	0.2780	0.4129	0.4224	0.3649	0.3416	0.3430
72.0	0.1244	0.2154	0.2057	0.1835	0.2189	0.2890	0.1188	0.2478	0.2081	0.2073
75.0	0.1201	0.1050	0.0944	0.1396	0.0963	0.0984	0.1149	0.1028	0.0964	0.1179
78.0	0.1158	0.1137	0.0918	0.0984	0.0918	0.1093	0.1110	0.1159	0.0962	0.0962
81.0	0.1115	0.1246	0.0940	0.1050	0.0918	0.1203	0.1071	0.1269	0.0984	0.1072
84.0	0.1180	0.1356	0.1027	0.1203	0.1005	0.1312	0.1180	0.1399	0.1158	0.1247
87.0	0.1312	0.1399	0.1202	0.1356	0.1180	0.1377	0.1355	0.1465	0.1311	0.1378
90.0	0.1377	0.1399	0.1334	0.1377	0.1356	0.1377	0.1399	0.1465	0.1399	0.1399
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	2211	2211	2222	2219	2218	2217	2215	2214	2214	2214
3.0	2173	2175	2186	2181	2181	2182	2188	2191	2199	2199
6.0	2115	2116	2129	2127	2129	2127	2137	2144	2157	2156
9.0	2066	2072	2092	2087	2087	2086	2095	2102	2108	2102
12.0	2027	2036	2063	2061	2061	2058	2063	2068	2077	2058
15.0	1995	2009	2037	2035	2040	2036	2046	2048	2052	2028
18.0	1949	1953	1970	1981	1995	1996	2009	2009	2013	1994
21.0	1820	1767	1740	1788	1867	1877	1899	1854	1849	1864
24.0	1525	1390	1335	1395	1569	1609	1630	1503	1489	1541
27.0	1128	1025	979.4	1004	1149	1211	1220	1107	1111	1154
30.0	793.4	749.3	715.9	715.9	788.4	824.9	842.9	797.7	825.6	842.5
33.0	544.6	529.9	502.3	494.1	524.0	546.4	564.1	565.0	598.8	614.4
36.0	358.3	351.7	327.8	316.9	331.6	349.7	361.6	368.7	403.3	420.5
39.0	226.9	220.6	202.3	192.8	201.9	212.7	219.0	226.4	251.1	269.8
42.0	140.0	134.9	119.8	114.4	119.7	126.3	131.2	133.6	150.2	165.1
45.0	83.10	74.76	64.94	64.08	69.15	74.07	73.66	72.83	82.06	95.18
48.0	44.66	30.40	22.51	26.86	37.30	41.72	38.85	29.45	29.69	43.38
51.0	17.64	6.859	6.875	6.915	16.68	21.35	16.43	7.174	7.392	9.011
54.0	4.973	4.049	3.711	3.983	5.416	8.735	5.347	4.545	4.489	4.981
57.0	2.631	2.107	1.894	2.046	2.878	3.381	3.188	2.464	2.122	2.581
60.0	1.333	1.137	0.9907	1.091	1.580	1.820	1.708	1.102	1.014	1.249
63.0	0.6883	0.8175	0.7825	0.7785	0.8836	1.075	0.9032	0.6912	0.6708	0.7266
66.0	0.5469	0.7146	0.7146	0.7174	0.5857	0.6241	0.5963	0.6016	0.5813	0.5950
69.0	0.4203	0.5632	0.5386	0.5538	0.4781	0.4639	0.4411	0.4531	0.4385	0.4596
72.0	0.2372	0.0875	0.0700	0.1026	0.2546	0.2937	0.2284	0.0914	0.0678	0.1695
75.0	0.0853	0.0919	0.0700	0.0722	0.0634	0.1142	0.0612	0.0722	0.0656	0.0743
78.0	0.0853	0.1028	0.0700	0.0722	0.0634	0.0634	0.0612	0.0722	0.0656	0.0743
81.0	0.0874	0.1159	0.0700	0.0722	0.0634	0.0612	0.0612	0.0722	0.0656	0.0722
84.0	0.0984	0.1269	0.0700	0.0722	0.0656	0.0612	0.0612	0.0722	0.0656	0.0722
87.0	0.1180	0.1421	0.0700	0.0722	0.0656	0.0612	0.0612	0.0722	0.0656	0.0722
90.0	0.1421	0.1421	0.0722	0.0678	0.0656	0.0612	0.0612	0.0678	0.0656	0.0656
G/C	300.0	315.0	330.0	345.0						
0.0	2212	2210	2211	2211						
3.0	2204	2208	2212	2208						
6.0	2167	2175	2183	2175						
9.0	2119	2130	2135	2121						
12.0	2078	2092	2094	2075						
15.0	2044	2062	2058	2038						
18.0	2013	2027	2020	1997						
21.0	1944	1951	1946	1881						

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
 Test Date: 2017-06-17

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	1739	1771	1748	1570
27.0	1368	1439	1374	1182
30.0	977.0	1048	993.1	875.4
33.0	672.3	724.4	693.8	645.2
36.0	453.2	490.7	475.3	458.5
39.0	293.0	314.2	311.0	302.8
42.0	183.4	196.4	195.0	189.4
45.0	110.9	120.3	117.5	110.2
48.0	63.06	70.53	65.43	50.22
51.0	29.10	37.18	28.82	10.07
54.0	8.120	14.99	6.975	4.892
57.0	3.768	4.273	3.478	2.478
60.0	1.991	2.251	1.821	1.120
63.0	1.045	1.216	0.8433	0.4908
66.0	0.5657	0.5546	0.3602	0.3895
69.0	0.4192	0.2912	0.2402	0.3194
72.0	0.2460	0.2188	0.1768	0.2432
75.0	0.0612	0.1359	0.0744	0.0831
78.0	0.0634	0.0678	0.0831	0.0831
81.0	0.0635	0.0678	0.0853	0.0831
84.0	0.0656	0.0678	0.0875	0.0831
87.0	0.0656	0.0678	0.0875	0.0831
90.0	0.0656	0.0765	0.0875	0.0787

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-17

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: