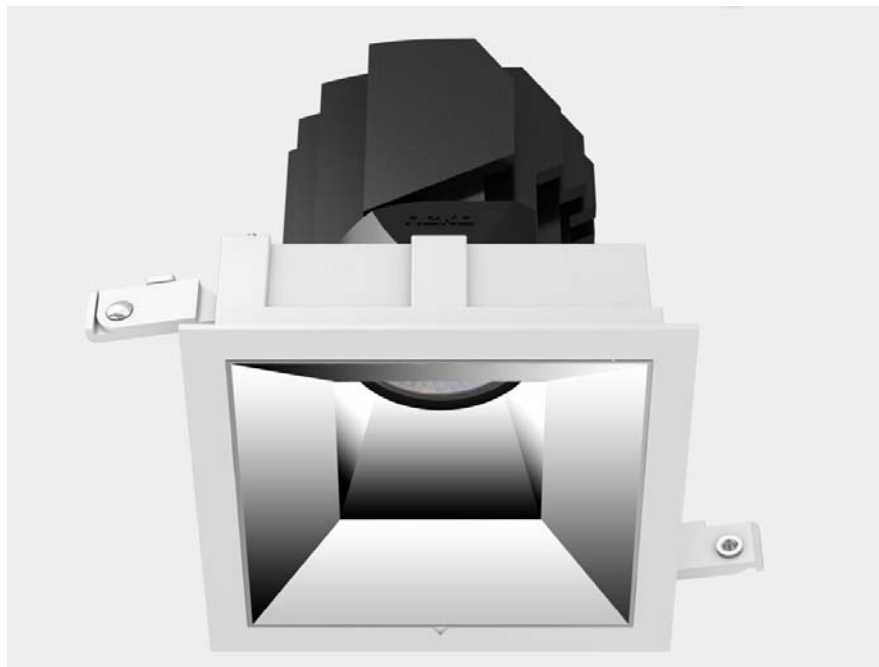


LED Downlight SENSE Series S150S2-25W-940-W



Light Output Ratio:	100.0%	
Luminaire Power:	27.6 W	
SHR Nominal:	0.75	Calculated using the TM5
SHR Maximum:	0.75	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

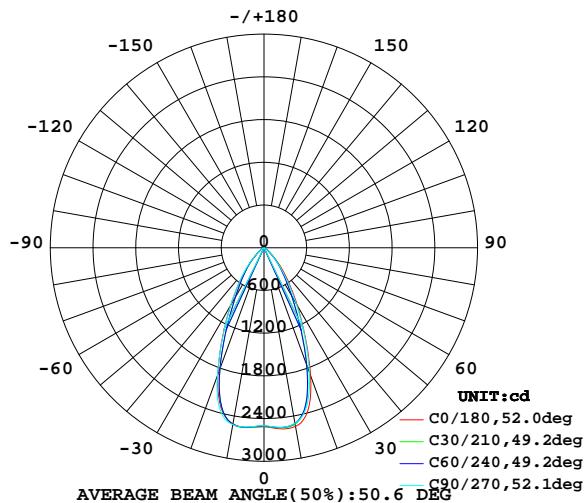
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

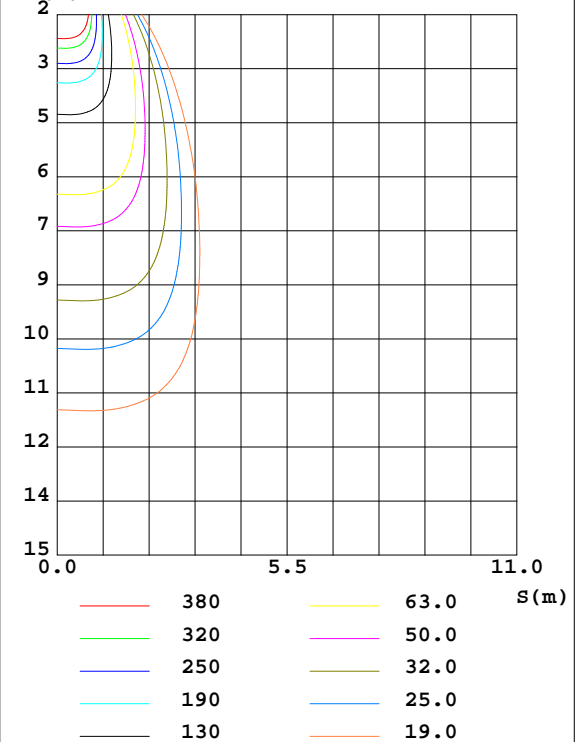
Test:U:220.6V I:0.1311A P:27.60W PF:0.9543 Lamp Flux:2051.31x1 lm		
NAME: S150S2-25W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L162mm*W162mm*H188mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 74.31 lm/W			
MODEL	CITIZEN-4000K	I <sub>max</sub> (cd)	2567	S/MH(C0/180)	0.81
NOMINAL POWER(W)	28	LOR(%)	100.0	S/MH(C90/270)	0.81
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	2051.3	η UP,DN(C0-180)	0.0,48.7
NOMINAL FLUX(lm)	2051.31	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,51.3
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	0.75

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



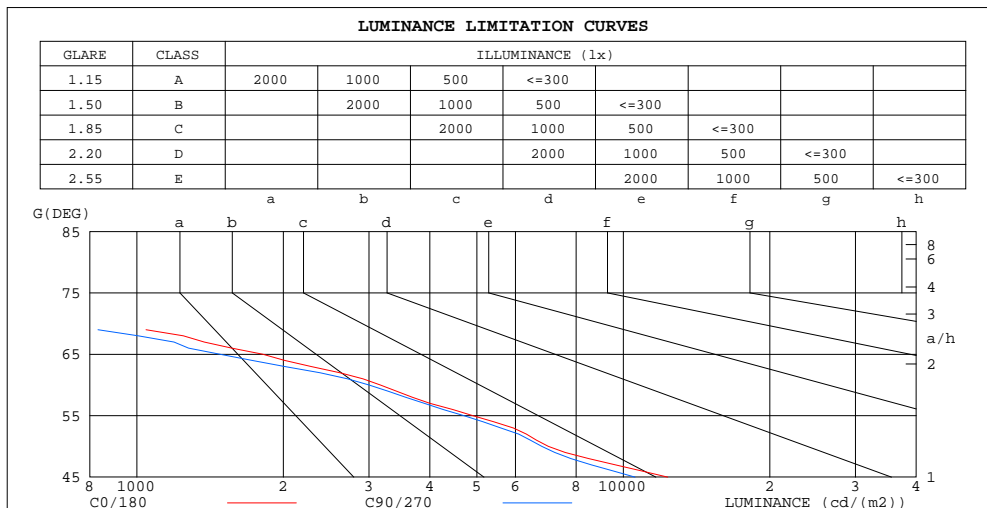
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Meng Yongjian  
 Test Date:2017-06-22

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	$\%lum, lamp$
10	2548	2514	2504	2450	2511	2513	2523	2548	0- 10	241.2	241.2	11.8,11.8
20	1914	1774	1866	1672	1896	1792	1918	1914	10- 20	629.7	870.9	42.5,42.5
30	935.2	777.8	903.6	726.6	941.8	799.6	942.2	831.3	20- 30	580.9	1452	70.8,70.8
40	402.4	345.0	350.0	331.2	386.5	373.3	406.2	375.5	30- 40	352.6	1804	88,88
50	118.4	99.79	114.7	92.86	118.7	110.4	110.8	116.0	40- 50	170.4	1975	96.3,96.3
60	41.51	33.77	39.35	33.29	43.27	34.10	39.72	33.85	50- 60	60.66	2035	99.2,99.2
70	7.065	5.742	5.850	4.995	6.838	5.397	7.490	6.023	60- 70	14.71	2050	99.9,99.9
80	0.3301	0.2697	0.1597	0.0831	0.0983	0.0680	0.1371	0.0724	70- 80	0.9799	2051	100,100
90	0.2908	0.2033	0.1203	0.0962	0.0634	0.0568	0.0634	0.0590	80- 90	0.1382	2051	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(DEG)	C0/180	C90/270
85	163	59
80	72	35
75	155	88
70	787	652
65	1814	1481
60	3163	2998
55	4907	4702
50	7017	6799
45	12339	10572

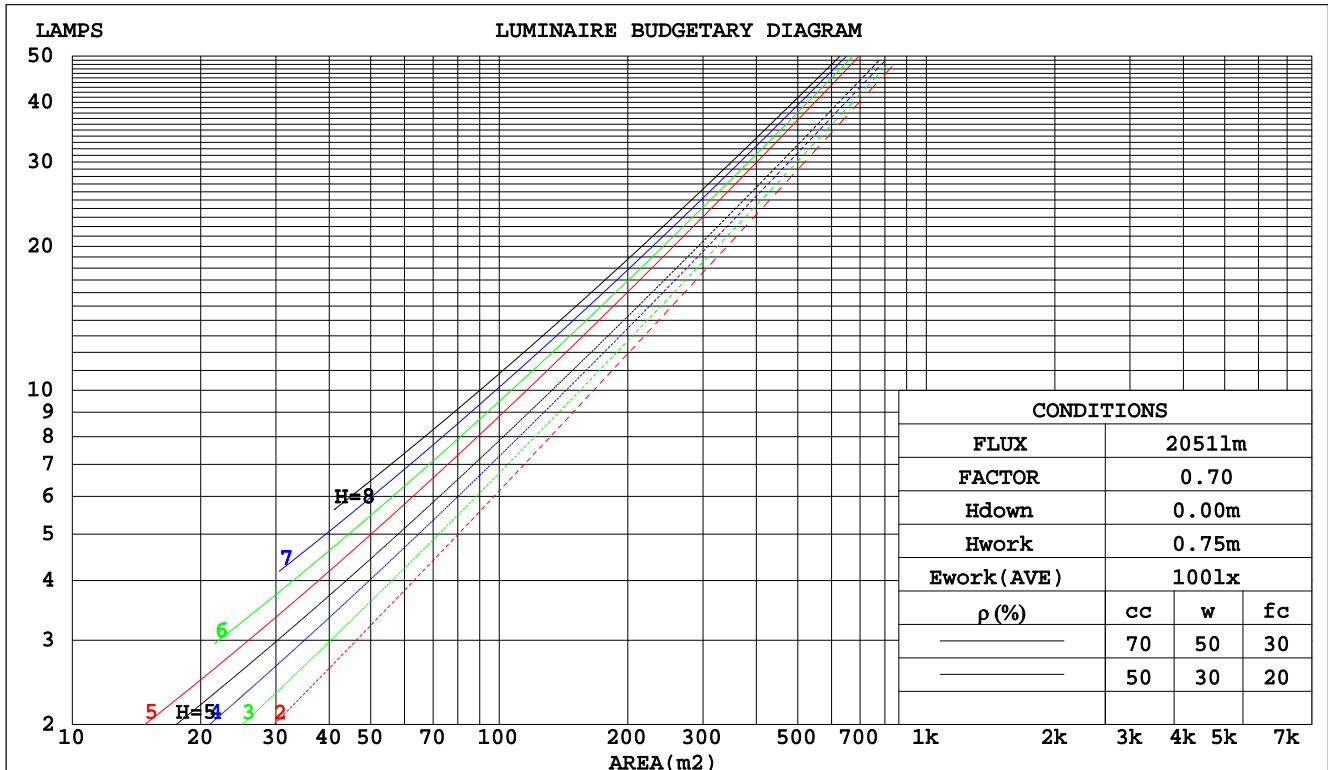
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-22

$\gamma$  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:0.1311A P:27.60W PF:0.9543 Lamp Flux:2051.31x1 lm		
NAME: S150S2-25W-940-W	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	.00
1.0	1.11	1.08	1.06	1.09	1.06	1.04	1.04	1.03	1.01	1.01	.99	.98	.97	.96	.95	.93
2.0	1.03	.99	.95	1.01	.97	.94	.98	.95	.92	.95	.92	.90	.92	.90	.88	.87
3.0	.96	.91	.87	.94	.90	.86	.92	.88	.85	.89	.86	.83	.87	.84	.82	.81
4.0	.90	.84	.80	.88	.83	.79	.86	.82	.78	.84	.80	.77	.82	.79	.76	.75
5.0	.84	.78	.74	.83	.77	.73	.81	.76	.73	.79	.75	.72	.78	.74	.71	.70
6.0	.79	.73	.68	.78	.72	.68	.76	.71	.68	.75	.71	.67	.74	.70	.67	.65
7.0	.74	.68	.64	.73	.68	.64	.72	.67	.63	.71	.66	.63	.70	.66	.63	.61
8.0	.70	.64	.60	.69	.64	.60	.68	.63	.59	.67	.63	.59	.66	.62	.59	.58
9.0	.66	.60	.56	.66	.60	.56	.65	.60	.56	.64	.59	.56	.63	.59	.56	.54
10.0	.63	.57	.53	.62	.57	.53	.61	.56	.53	.61	.56	.53	.60	.56	.53	.51



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:0.1311A P:27.60W PF:0.9543 Lamp Flux:2051.31lx1 lm		
NAME: S150S2-25W-940-W	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	.179	.102	.032	.172	.098	.031	.160	.092	.029	.148	.086	.027	.138	.080	.026	
2.0	.172	.094	.029	.167	.092	.028	.156	.087	.027	.146	.082	.026	.137	.078	.024	
3.0	.164	.087	.026	.160	.085	.026	.150	.082	.025	.142	.078	.024	.134	.074	.023	
4.0	.156	.081	.024	.152	.080	.024	.144	.077	.023	.137	.074	.022	.130	.071	.022	
5.0	.149	.076	.022	.145	.075	.022	.139	.072	.021	.132	.070	.021	.126	.067	.020	
6.0	.142	.071	.020	.139	.070	.020	.133	.068	.020	.127	.066	.019	.122	.064	.019	
7.0	.135	.067	.019	.133	.066	.019	.127	.064	.019	.122	.063	.018	.118	.061	.018	
8.0	.129	.063	.018	.127	.063	.018	.122	.061	.017	.118	.060	.017	.114	.058	.017	
9.0	.124	.060	.017	.122	.059	.017	.117	.058	.016	.113	.057	.016	.110	.056	.016	
10.0	.119	.057	.016	.117	.056	.016	.113	.055	.016	.109	.054	.015	.106	.053	.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	.147	.135	.125	.100	.093	.086	.058	.054	.050	.018	.017	.016	
2.0	.156	.132	.112	.134	.114	.097	.092	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.144	.114	.089	.124	.098	.077	.085	.068	.054	.049	.040	.032	.016	.013	.010	
4.0	.134	.099	.072	.115	.085	.063	.079	.060	.044	.046	.035	.026	.015	.011	.009	
5.0	.125	.087	.059	.108	.076	.052	.074	.053	.036	.043	.031	.022	.014	.010	.007	
6.0	.118	.078	.049	.101	.068	.043	.070	.047	.030	.041	.028	.018	.013	.009	.006	
7.0	.112	.071	.042	.096	.061	.036	.066	.043	.026	.039	.025	.015	.012	.008	.005	
8.0	.106	.064	.036	.091	.056	.031	.063	.039	.022	.037	.023	.013	.012	.008	.004	
9.0	.101	.059	.031	.087	.051	.027	.060	.036	.019	.035	.021	.011	.011	.007	.004	
10.0	.096	.055	.027	.083	.048	.024	.057	.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:2017-06-22

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:0.1311A P:27.60W PF:0.9543 Lamp Flux:2051.31x1 lm										
NAME: S150S2-25W-940-W					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	16.1	17.1	16.4	17.3	17.4	15.8	16.8	16.0	16.9	17.1
3H	16.0	16.9	16.3	17.1	17.3	15.7	16.5	15.9	16.7	16.9
4H	15.9	16.7	16.2	17.0	17.2	15.6	16.4	15.9	16.6	16.9
6H	15.8	16.6	16.1	16.8	17.1	15.5	16.3	15.8	16.5	16.8
8H	15.8	16.5	16.1	16.8	17.0	15.4	16.2	15.7	16.4	16.7
12H	15.7	16.4	16.0	16.7	17.0	15.4	16.1	15.7	16.4	16.7
4H 2H	16.0	16.8	16.2	17.0	17.2	15.6	16.5	15.9	16.7	16.9
3H	15.8	16.5	16.1	16.8	17.1	15.5	16.2	15.8	16.5	16.7
4H	15.7	16.4	16.1	16.7	17.0	15.4	16.0	15.7	16.3	16.6
6H	15.6	16.2	16.0	16.5	16.9	15.3	15.9	15.7	16.2	16.5
8H	15.6	16.1	16.0	16.4	16.8	15.2	15.8	15.6	16.1	16.5
12H	15.5	16.0	15.9	16.4	16.8	15.2	15.7	15.6	16.0	16.4
8H 4H	15.6	16.1	16.0	16.4	16.8	15.2	15.8	15.6	16.1	16.5
6H	15.5	15.9	15.9	16.3	16.7	15.1	15.6	15.6	16.0	16.4
8H	15.4	15.8	15.9	16.2	16.6	15.1	15.5	15.5	15.9	16.3
12H	15.4	15.7	15.8	16.1	16.6	15.0	15.4	15.5	15.8	16.3
12H 4H	15.5	16.0	15.9	16.4	16.8	15.2	15.7	15.6	16.0	16.4
6H	15.4	15.8	15.9	16.2	16.6	15.1	15.5	15.5	15.9	16.3
8H	15.4	15.7	15.8	16.1	16.6	15.0	15.4	15.5	15.8	16.3
Variations with the observer position at spacings:										
S = 1.0H	+ 2.7 / - 5.7					+ 2.4 / - 5.5				
1.5H	+ 4.0 / - 4.5					+ 3.7 / - 4.2				
2.0H	+ 5.0 / - 8.4					+ 4.4 / - 8.4				

CIE Pub.117 Corrected 2051 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.5)

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:0.1311A P:27.60W PF:0.9543 Lamp Flux:2051.31x1 lm		
NAME: S150S2-25W-940-W	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) $k(RI) \times RCR = 5$									
$k = 0.60$	84	77	73	83	77	73	82	76	72	69
0.80	92	85	81	91	85	81	90	84	81	77
1.00	97	91	87	96	91	87	95	91	86	82
1.25	102	96	92	100	95	92	98	94	91	87
1.50	105	99	96	103	99	95	101	97	94	90
2.00	108	103	100	106	102	99	103	100	98	92
2.50	109	105	102	108	104	101	105	102	99	93
3.00	111	108	105	109	106	104	106	103	101	95
4.00	113	110	108	111	109	107	108	106	104	97
5.00	115	112	110	112	110	108	108	107	105	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:0.1311A P:27.60W PF:0.9543 Lamp Flux:2051.31x1 lm		
NAME: S150S2-25W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L162mm*W162mm*H188mm	
MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

1911 lm

%lum = 93.2%

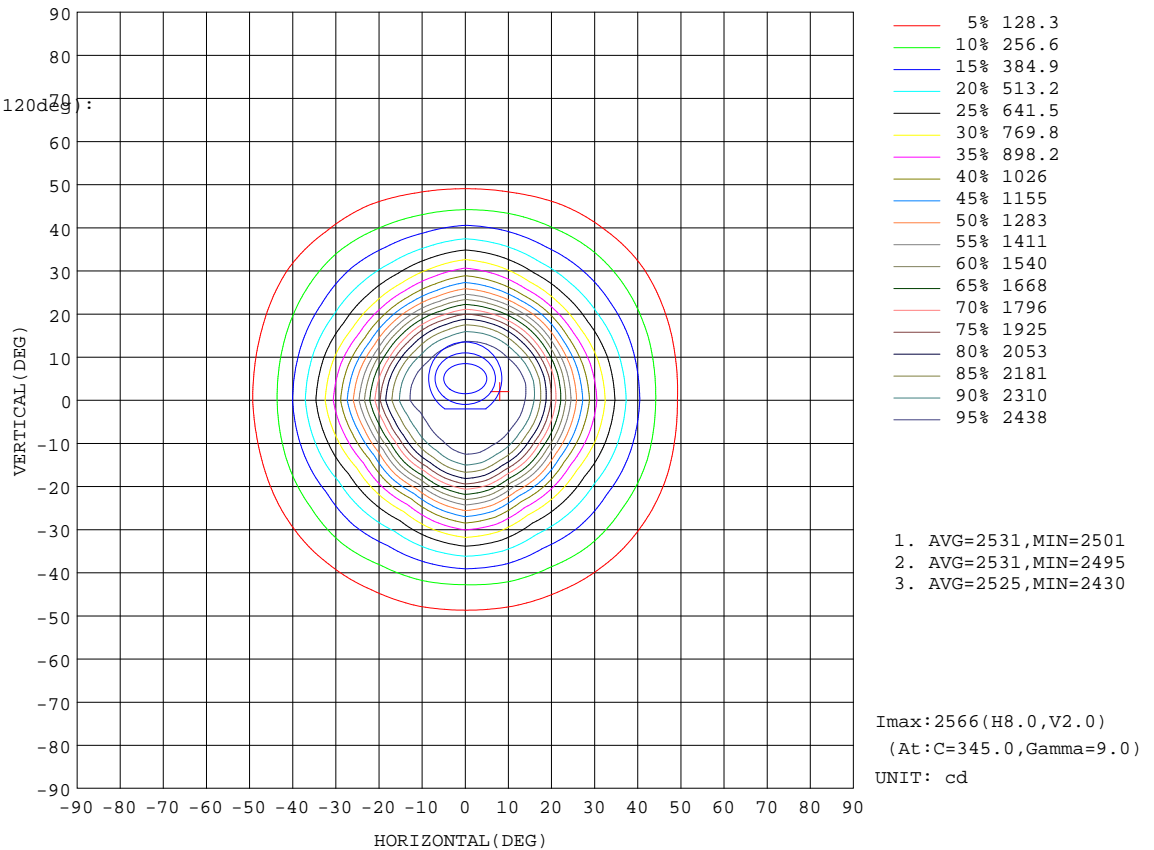
%lamp = 93.2%

Conical surface Flux(120deg):

2035.5 lm

%lum = 99.2%

%lamp = 99.2%



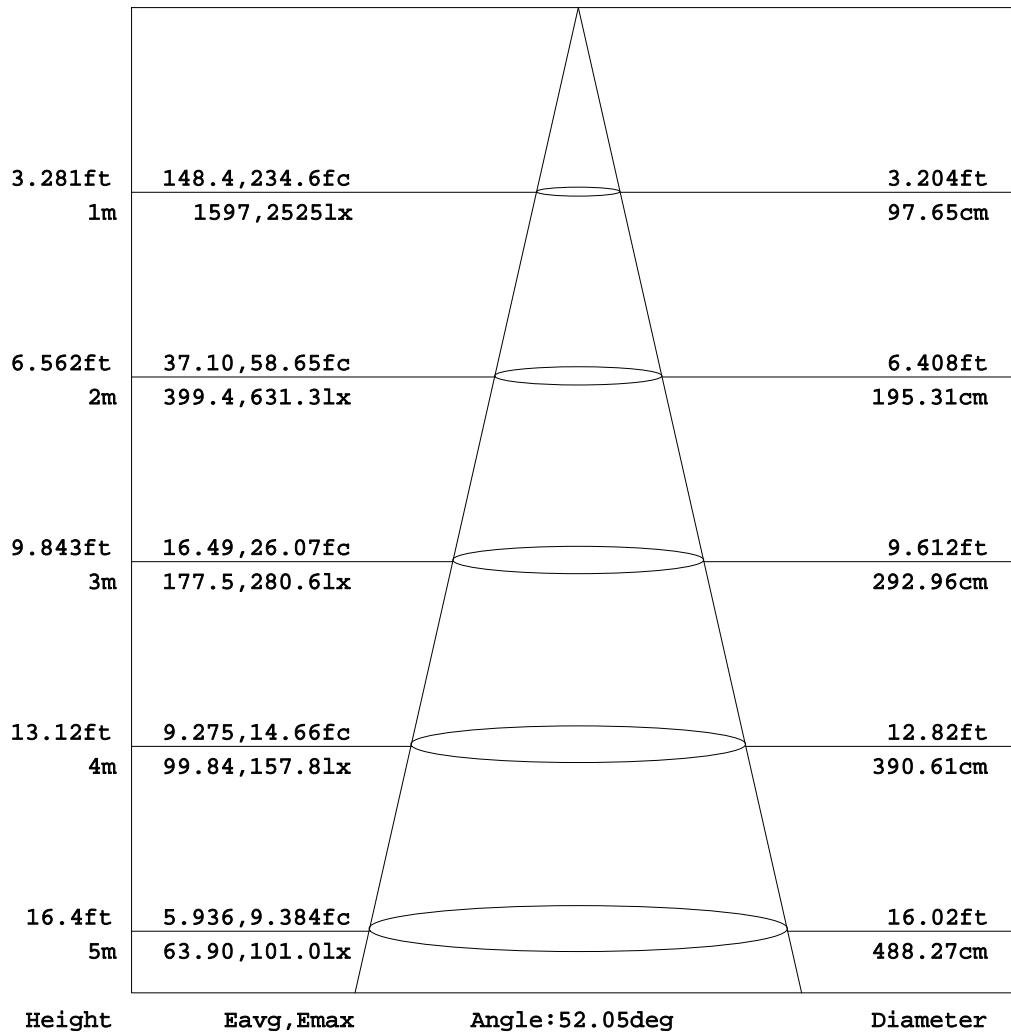
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-22

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:0.1311A P:27.60W PF:0.9543 Lamp Flux:2051.31x1 lm		
NAME: S150S2-25W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L162mm*W162mm*H188mm	
MFR.: NEKO LIGHTING AG		

Flux out:1303 lm



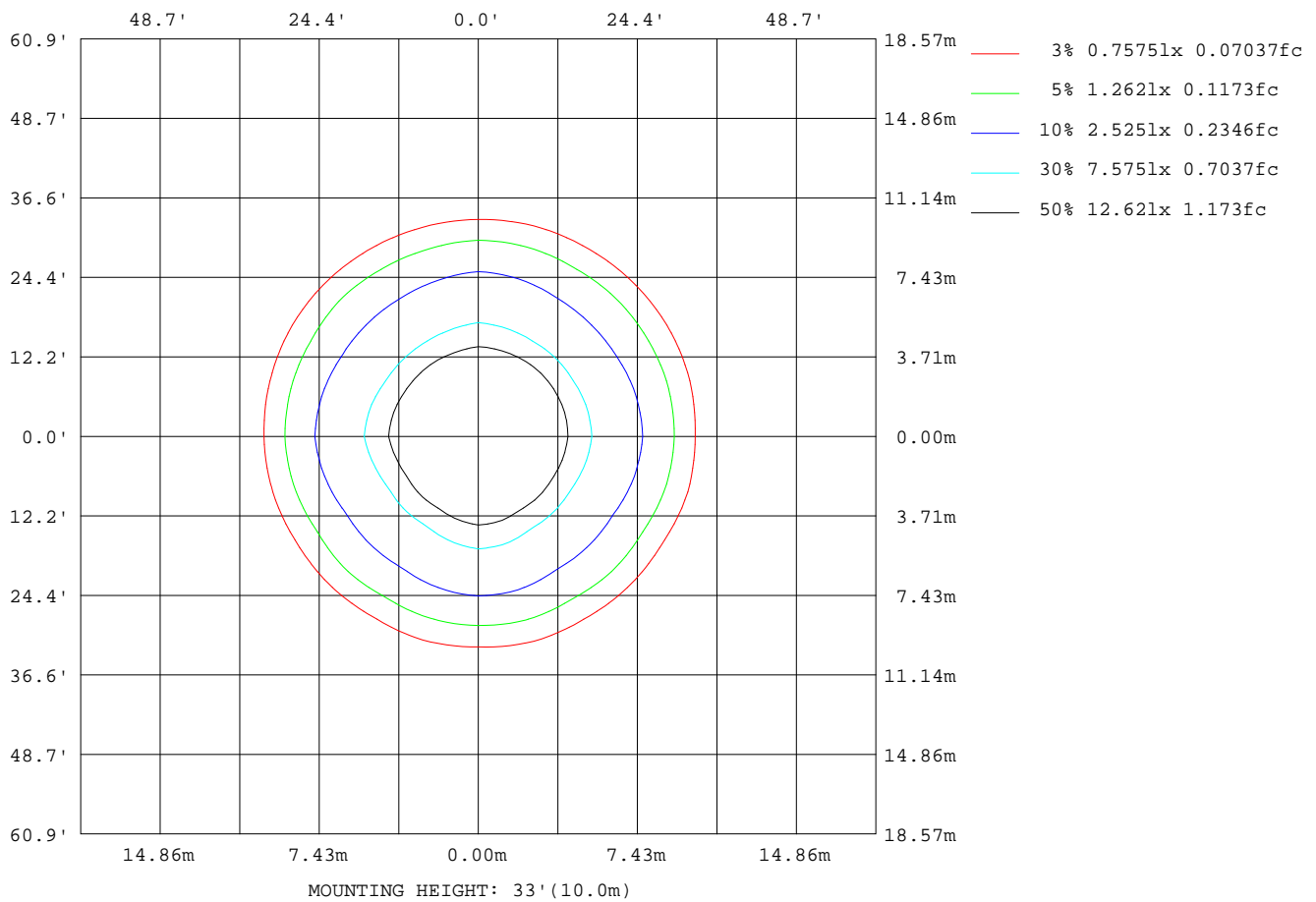
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

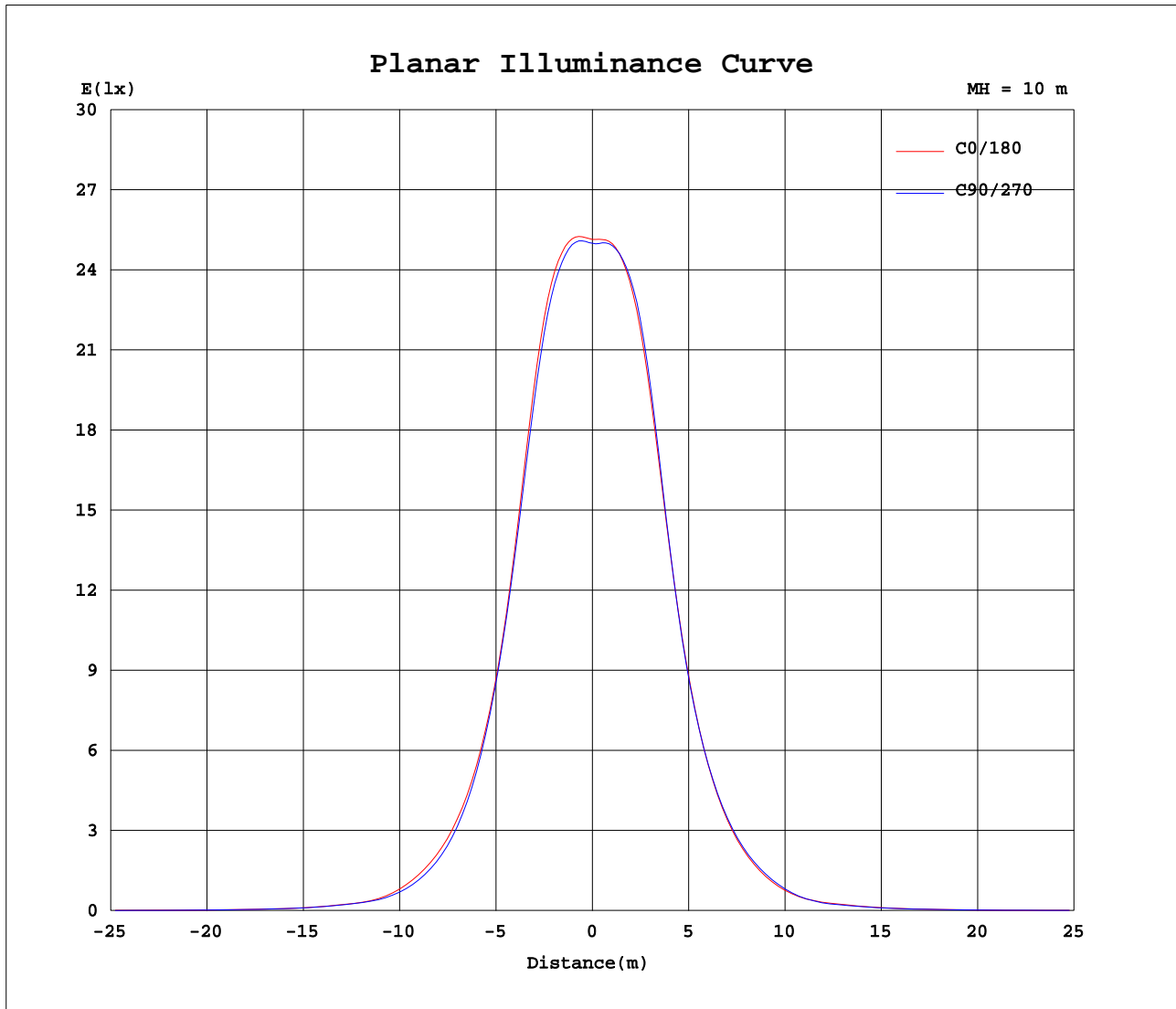
Test:U:220.6V I:0.1311A P:27.60W PF:0.9543 Lamp Flux:2051.3lx1 lm		
NAME: S150S2-25W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L162mm*W162mm*H188mm	
MFR.: NEKO LIGHTING AG		



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

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:

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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	2514	2513	2510	2506	2503	2500	2500	2498	2497	2497
3.0	2534	2530	2526	2523	2520	2518	2519	2512	2506	2501
6.0	2558	2549	2543	2539	2536	2535	2536	2522	2511	2502
9.0	2557	2546	2534	2530	2522	2521	2519	2502	2483	2474
12.0	2511	2487	2460	2454	2446	2460	2458	2429	2388	2377
15.0	2375	2335	2285	2280	2269	2307	2310	2260	2193	2185
18.0	2130	2068	2002	2001	1982	2050	2069	1991	1897	1899
21.0	1800	1724	1653	1657	1631	1724	1759	1657	1545	1557
24.0	1465	1383	1306	1310	1287	1397	1442	1330	1209	1223
27.0	1175	1095	1011	1011	998.0	1106	1154	1050	934.0	941.1
30.0	935.2	866.3	784.9	777.8	773.9	863.7	903.6	820.9	724.4	726.6
33.0	736.4	682.0	613.9	603.5	600.9	665.9	692.5	633.4	564.6	567.7
36.0	574.0	533.2	479.1	473.5	464.8	507.9	522.4	484.7	441.6	450.1
39.0	441.8	412.9	376.4	374.3	361.1	384.0	388.5	368.2	346.2	358.9
42.0	329.2	315.9	290.5	289.2	276.2	287.2	280.9	277.7	264.3	276.4
45.0	229.0	227.8	207.7	205.0	199.6	205.0	196.2	199.5	189.7	193.1
48.0	148.9	150.7	139.6	135.4	134.6	140.9	137.0	139.4	128.9	126.1
51.0	109.5	103.8	96.28	86.34	93.10	102.3	106.3	101.9	90.80	81.26
54.0	83.54	79.37	70.11	61.69	69.51	77.08	79.36	75.43	68.66	60.66
57.0	57.22	53.90	50.00	47.75	48.96	53.08	55.72	51.95	47.59	47.03
60.0	41.51	36.79	32.50	33.77	31.60	35.69	39.35	34.43	30.64	33.29
63.0	27.18	21.74	17.64	22.40	16.62	19.06	24.00	18.34	15.57	22.42
66.0	16.73	6.865	6.109	13.38	5.474	6.881	13.63	6.801	4.935	12.92
69.0	9.819	1.904	1.917	7.326	2.017	1.591	7.821	1.453	1.693	6.464
72.0	3.976	1.098	1.031	2.989	1.048	0.7132	3.475	0.6241	0.8337	2.526
75.0	1.056	0.6377	0.7126	0.8439	0.4019	0.3033	0.5967	0.2902	0.3709	0.5624
78.0	0.2873	0.3869	0.3879	0.2861	0.1407	0.1181	0.1357	0.1858	0.1232	0.1287
81.0	0.3302	0.3725	0.3018	0.2616	0.1610	0.1508	0.1510	0.1603	0.0875	0.0831
84.0	0.3649	0.3640	0.2799	0.2371	0.1770	0.1399	0.1378	0.1348	0.0875	0.0875
87.0	0.3760	0.3254	0.2603	0.2055	0.1925	0.1334	0.1290	0.1093	0.0875	0.0940
90.0	0.2908	0.2733	0.2340	0.2033	0.1574	0.1334	0.1203	0.1137	0.0940	0.0962

G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	2495	2495	2514	2513	2510	2506	2503	2500	2500	2498
3.0	2499	2496	2524	2526	2523	2520	2515	2514	2512	2514
6.0	2498	2500	2538	2543	2540	2535	2535	2534	2531	2537
9.0	2468	2476	2525	2533	2534	2528	2531	2530	2530	2539
12.0	2373	2396	2466	2472	2469	2457	2468	2475	2491	2501
15.0	2179	2229	2327	2324	2308	2285	2308	2325	2368	2375
18.0	1886	1963	2094	2071	2033	2013	2038	2062	2132	2130
21.0	1539	1636	1790	1745	1686	1675	1694	1719	1804	1786
24.0	1208	1316	1476	1416	1338	1331	1343	1374	1470	1428
27.0	936.2	1046	1188	1129	1043	1031	1041	1089	1179	1128
30.0	730.8	828.1	941.8	893.5	816.0	799.6	810.9	864.0	942.2	892.4
33.0	573.2	651.5	735.7	700.2	641.4	631.9	638.1	682.8	744.6	703.7
36.0	451.1	507.7	566.9	541.8	505.1	500.7	504.2	534.1	581.2	550.3
39.0	354.2	391.5	427.6	414.2	396.4	402.0	398.0	413.0	445.7	426.7
42.0	272.5	294.1	310.4	311.0	306.9	317.0	310.1	313.7	331.3	325.5
45.0	196.0	207.2	214.4	221.1	226.4	228.2	225.5	225.9	229.8	233.8
48.0	130.9	139.6	145.4	150.8	154.3	148.5	152.6	149.3	147.2	151.4
51.0	90.48	99.59	110.4	108.8	105.2	94.96	102.6	100.1	101.1	98.32
54.0	68.20	75.02	86.31	82.60	76.00	65.91	72.17	75.50	79.37	73.47
57.0	47.72	50.22	59.92	55.76	53.62	48.88	50.92	52.24	54.79	50.22
60.0	30.62	33.40	43.27	37.67	34.53	34.10	33.59	35.52	39.72	33.84
63.0	15.42	18.77	27.74	21.48	19.06	22.07	18.10	20.92	27.24	20.89
66.0	4.975	7.502	16.17	7.518	6.484	12.65	6.968	6.518	17.05	9.127
69.0	1.858	1.812	9.332	1.902	1.986	6.901	1.942	1.499	10.19	2.175
72.0	1.039	0.9296	3.944	0.9514	1.073	2.796	1.019	0.7517	3.921	0.8881
75.0	0.4743	0.4014	0.8917	0.4255	0.4578	0.6735	0.4601	0.3925	0.9716	0.4187
78.0	0.1452	0.1006	0.3218	0.1077	0.1391	0.1452	0.1457	0.1339	0.2360	0.1317
81.0	0.0875	0.0984	0.0874	0.0897	0.0568	0.0634	0.0568	0.0811	0.0831	0.1091
84.0	0.0875	0.0984	0.0634	0.0744	0.0568	0.0590	0.0568	0.0722	0.0656	0.0897
87.0	0.0875	0.0984	0.0634	0.0634	0.0568	0.0568	0.0568	0.0634	0.0656	0.0875
90.0	0.0896	0.0984	0.0634	0.0612	0.0568	0.0568	0.0568	0.0568	0.0634	0.0590

G/C	300.0	315.0	330.0	345.0
0.0	2497	2497	2495	2495
3.0	2514	2518	2519	2522
6.0	2540	2544	2549	2555
9.0	2548	2553	2561	2567
12.0	2507	2511	2525	2533
15.0	2382	2376	2400	2410
18.0	2134	2133	2151	2165
21.0	1786	1795	1801	1817

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	1413	1427	1427	1455
27.0	1083	1093	1095	1147
30.0	835.0	831.3	843.8	903.8
33.0	651.9	646.5	658.5	711.0
36.0	512.5	507.2	518.2	554.8
39.0	403.2	404.6	409.6	430.6
42.0	314.4	320.5	322.3	330.5
45.0	231.5	236.2	238.8	239.3
48.0	156.6	156.3	162.1	159.3
51.0	101.4	99.43	107.5	110.0
54.0	70.57	66.49	75.80	84.19
57.0	49.72	48.58	53.82	56.73
60.0	32.98	33.85	35.08	38.09
63.0	17.99	22.17	19.83	22.53
66.0	6.729	13.35	7.284	8.891
69.0	2.047	7.590	2.121	2.007
72.0	1.154	3.339	1.150	1.002
75.0	0.5669	0.8207	0.5517	0.4781
78.0	0.1762	0.1737	0.1807	0.1539
81.0	0.0568	0.0635	0.0656	0.1377
84.0	0.0568	0.0591	0.0656	0.1551
87.0	0.0568	0.0590	0.0745	0.1814
90.0	0.0568	0.0590	0.0940	0.2012

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: