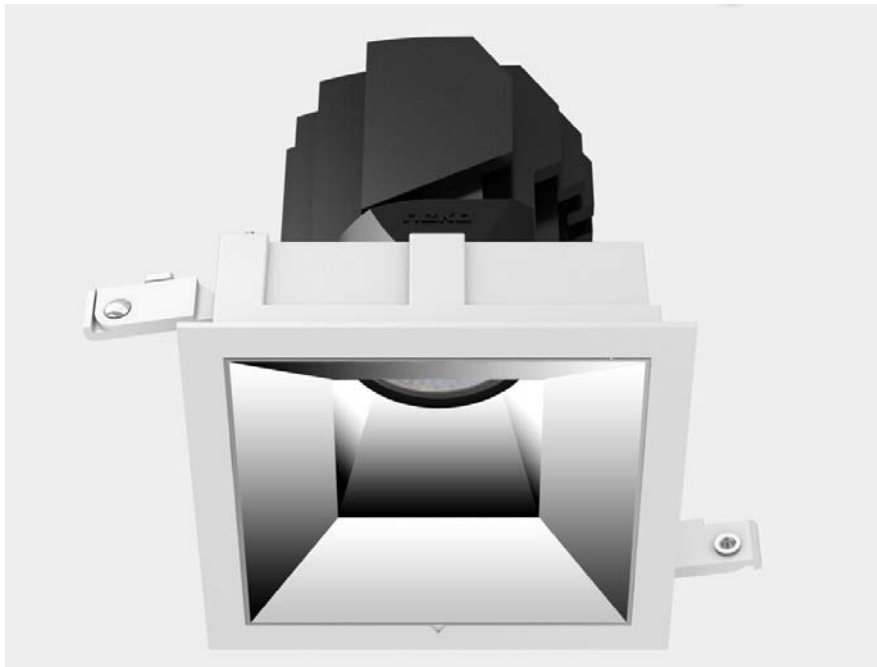


LED Downlight SENSE Series S100S2-13W-930-N



Light Output Ratio:	100.0%	
Luminaire Power:	14.27 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.50	fine grid method.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-05-13

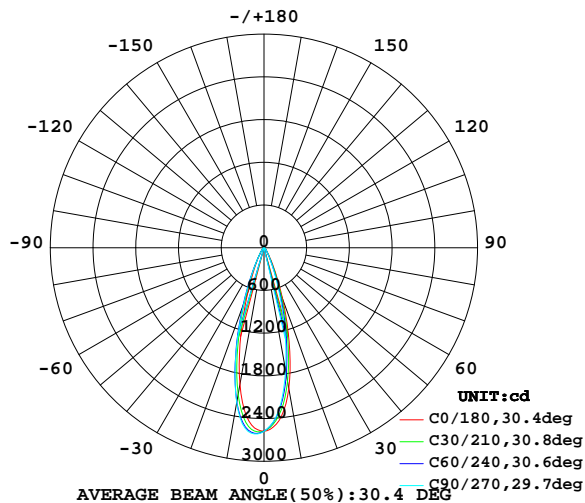
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

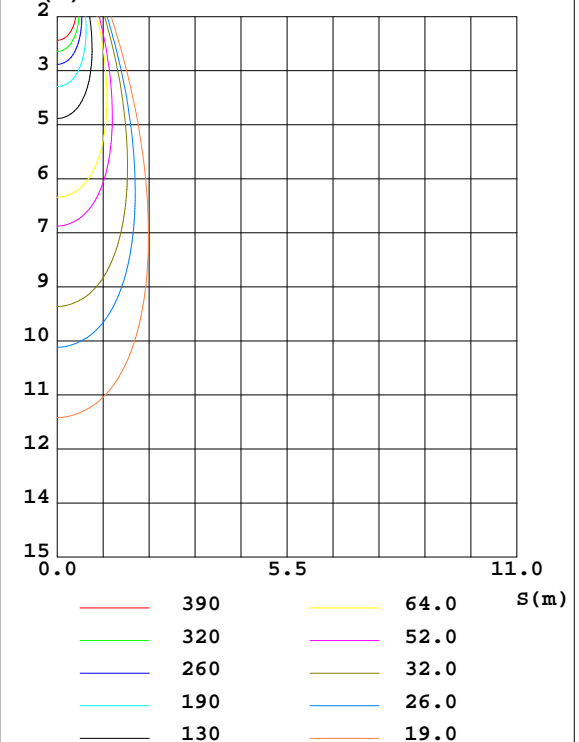
Test:U:220.7V I:0.0707A P:14.27W PF:0.9137 Lamp Flux:863.048x1 lm		
NAME: S100S2-13W-930-N	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 60.49 lm/W			
MODEL	CITIZEN-3000K	I <sub>max</sub> (cd)	2619	S/MH(C0/180)	0.49
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.53
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	863.05	η UP,DN(C0-180)	0.0,45.6
NOMINAL FLUX(lm)	863.048	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,54.4
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	0.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



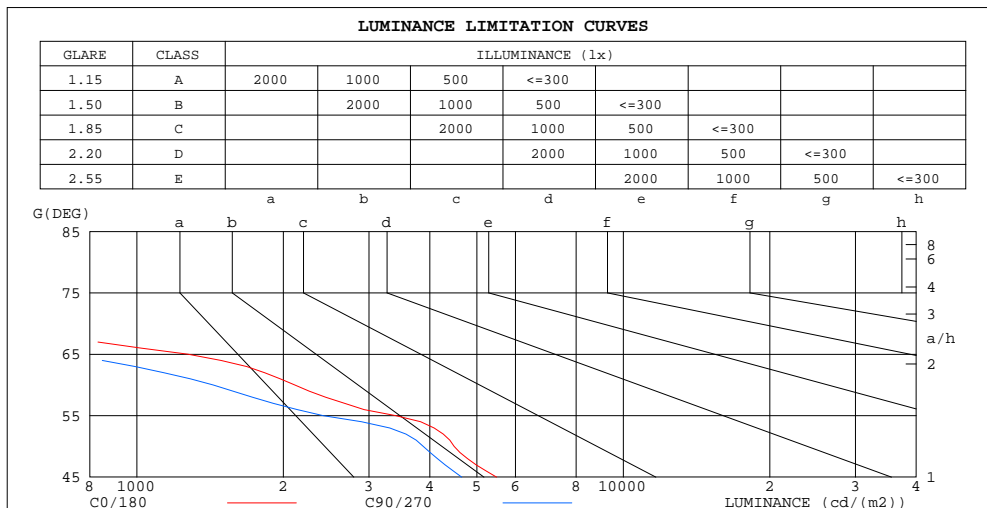
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Meng Yongjian  
 Test Date:2017-05-13

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	2007	1872	1751	1831	1951	2146	2212	2202	0- 10	219.3	219.3	25.4,25.4
20	764.6	681.8	562.7	613.6	659.8	833.9	833.7	921.8	10- 20	362.5	581.7	67.4,67.4
30	183.3	147.5	140.1	134.9	160.1	179.2	179.4	200.0	20- 30	169.3	751.1	87,87
40	63.30	53.85	53.04	50.26	57.46	56.28	57.42	60.50	30- 40	59.22	810.3	93.9,93.9
50	33.67	30.13	29.08	26.36	31.24	25.85	29.78	30.29	40- 50	31.43	841.7	97.5,97.5
60	12.31	11.38	8.366	9.397	10.92	10.07	10.79	12.50	50- 60	17.31	859.1	99.5,99.5
70	1.255	0.9728	0.5141	0.6720	0.6298	0.8251	1.033	1.413	60- 70	3.740	862.8	100,100
80	0.0416	0.0262	0.0416	0.0219	0.0262	0.0263	0.1863	0.0395	70- 80	0.2198	863.0	100,100
90	0.0372	0.0372	0.0328	0.0350	0.0262	0.0219	0.0241	0.0241	80- 90	0.0313	863.0	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		



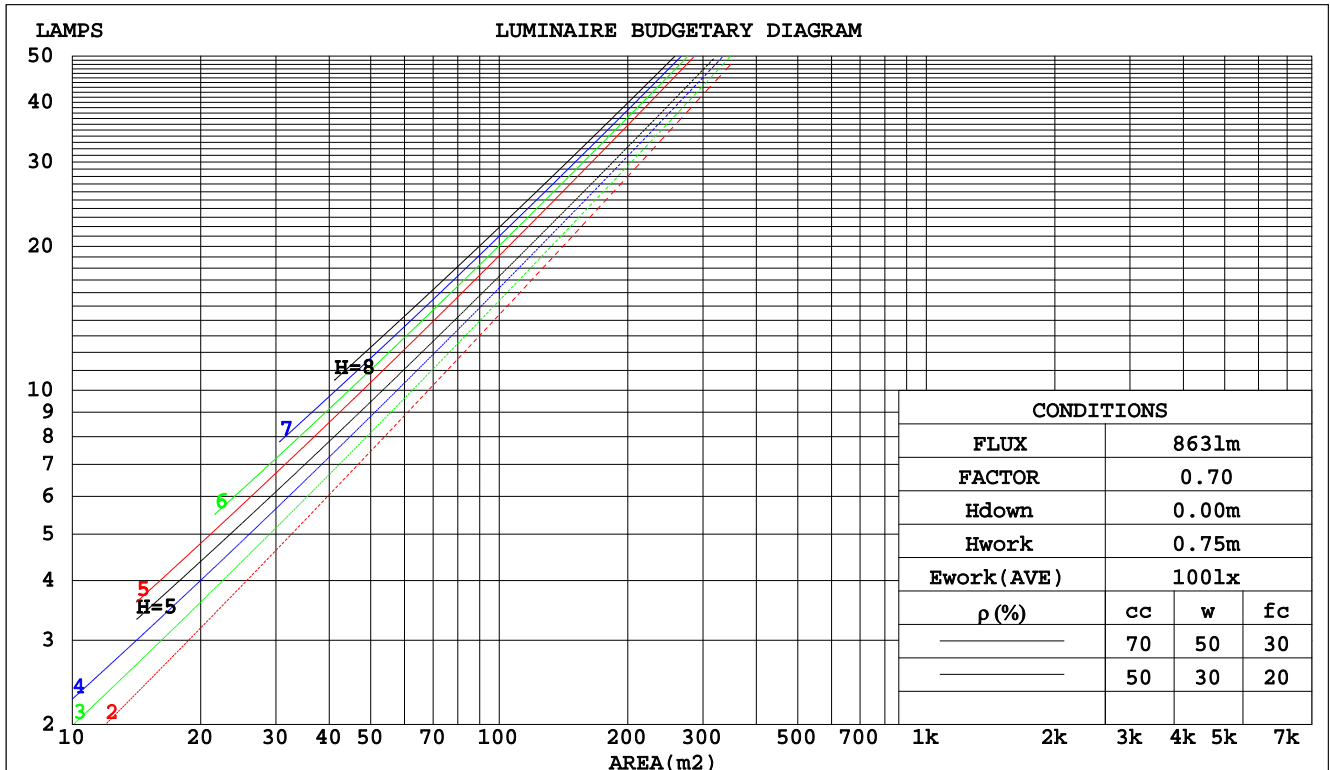
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-05-13

$\gamma$  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:0.0707A P:14.27W PF:0.9137 Lamp Flux:863.048x1 lm		
NAME: S100S2-13W-930-N	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L108mm*W108mm*H126mm	
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	1.12	1.10	1.08	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	.00	.99	.98	.97	.95
2.0	1.06	1.02	.00	1.04	1.01	.98	1.01	.98	.96	.98	.96	.94	.95	.94	.92	.91
3.0	1.00	.96	.93	.99	.95	.92	.96	.93	.91	.94	.91	.89	.92	.90	.88	.87
4.0	.95	.91	.87	.94	.90	.87	.92	.89	.86	.90	.87	.85	.89	.86	.84	.83
5.0	.91	.86	.83	.90	.86	.82	.88	.85	.82	.87	.84	.81	.85	.83	.80	.79
6.0	.87	.82	.79	.86	.82	.78	.85	.81	.78	.84	.80	.77	.82	.79	.77	.76
7.0	.83	.79	.75	.83	.78	.75	.82	.78	.75	.81	.77	.74	.80	.76	.74	.73
8.0	.80	.75	.72	.80	.75	.72	.79	.75	.72	.78	.74	.71	.77	.74	.71	.70
9.0	.77	.73	.69	.77	.72	.69	.76	.72	.69	.75	.71	.69	.74	.71	.69	.67
10.0	.75	.70	.67	.74	.70	.67	.73	.69	.67	.73	.69	.66	.72	.69	.66	.65



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-05-13

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:0.0707A P:14.27W PF:0.9137 Lamp Flux:863.048x1 lm		
NAME: S100S2-13W-930-N	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L108mm*W108mm*H126mm	
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	.153	.087	.028	.146	.083	.027	.134	.077	.025	.122	.071	.023	.112	.065	.021		
2.0	.144	.079	.024	.139	.076	.024	.128	.071	.022	.119	.067	.021	.110	.062	.020		
3.0	.136	.072	.022	.131	.070	.021	.122	.066	.020	.114	.063	.019	.107	.059	.018		
4.0	.128	.067	.020	.124	.065	.019	.117	.062	.019	.110	.059	.018	.103	.056	.017		
5.0	.121	.062	.018	.118	.061	.018	.112	.058	.017	.106	.056	.017	.100	.053	.016		
6.0	.115	.058	.017	.112	.057	.016	.107	.055	.016	.101	.053	.015	.097	.051	.015		
7.0	.110	.054	.015	.107	.053	.015	.102	.052	.015	.098	.050	.015	.093	.048	.014		
8.0	.104	.051	.014	.102	.050	.014	.098	.049	.014	.094	.048	.014	.090	.046	.013		
9.0	.100	.048	.013	.098	.048	.013	.094	.046	.013	.090	.045	.013	.087	.044	.013		
10.0	.096	.046	.013	.094	.045	.013	.090	.044	.012	.087	.043	.012	.084	.042	.012		

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	.169	.158	.147	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.153	.133	.116	.131	.114	.100	.090	.079	.070	.052	.046	.041	.017	.015	.013	
3.0	.139	.113	.093	.119	.098	.081	.082	.068	.057	.047	.040	.033	.015	.013	.011	
4.0	.127	.098	.076	.109	.085	.066	.075	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.117	.086	.063	.101	.075	.055	.069	.052	.039	.040	.031	.023	.013	.010	.008	
6.0	.109	.077	.053	.094	.066	.046	.065	.046	.033	.037	.027	.020	.012	.009	.006	
7.0	.102	.069	.045	.087	.059	.040	.060	.042	.028	.035	.025	.017	.011	.008	.006	
8.0	.095	.062	.039	.082	.054	.034	.057	.038	.024	.033	.022	.014	.011	.007	.005	
9.0	.090	.057	.034	.078	.049	.030	.054	.034	.021	.031	.020	.013	.010	.007	.004	
10.0	.085	.052	.030	.073	.045	.026	.051	.032	.018	.030	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Meng Yongjian  
 Test Date:2017-05-13

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:0.0707A P:14.27W PF:0.9137 Lamp Flux:863.048x1 lm										
NAME: S100S2-13W-930-N					TYPE:Downlight			SERIAL No.:		
SPEC.:3000K					DIM.: L108mm*W108mm*H126mm					
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	11.0	11.8	11.3	12.0	12.1	10.3	11.1	10.5	11.2	11.4
3H	10.9	11.6	11.2	11.8	12.0	10.2	10.9	10.4	11.1	11.3
4H	10.8	11.5	11.1	11.7	11.9	10.1	10.8	10.3	11.0	11.2
6H	10.8	11.4	11.0	11.6	11.9	10.0	10.6	10.3	10.9	11.1
8H	10.7	11.3	11.0	11.6	11.8	10.0	10.6	10.2	10.8	11.1
12H	10.7	11.3	11.0	11.5	11.8	9.9	10.5	10.2	10.8	11.0
4H 2H	11.0	11.6	11.2	11.9	12.1	10.3	11.0	10.5	11.2	11.4
3H	10.8	11.4	11.2	11.7	12.0	10.1	10.7	10.4	11.0	11.2
4H	10.7	11.3	11.1	11.6	11.9	10.0	10.6	10.4	10.9	11.2
6H	10.6	11.1	11.0	11.4	11.8	9.9	10.4	10.3	10.7	11.1
8H	10.6	11.0	11.0	11.4	11.7	9.9	10.3	10.3	10.7	11.0
12H	10.5	10.9	10.9	11.3	11.7	9.8	10.2	10.2	10.6	11.0
8H 4H	10.6	11.0	11.0	11.4	11.7	9.9	10.3	10.3	10.7	11.0
6H	10.5	10.8	10.9	11.2	11.7	9.8	10.1	10.2	10.5	10.9
8H	10.4	10.7	10.9	11.2	11.6	9.7	10.0	10.2	10.4	10.9
12H	10.4	10.6	10.8	11.1	11.6	9.6	9.9	10.1	10.4	10.8
12H 4H	10.5	10.9	10.9	11.3	11.7	9.8	10.2	10.2	10.6	11.0
6H	10.4	10.7	10.9	11.2	11.6	9.7	10.0	10.2	10.4	10.9
8H	10.4	10.6	10.8	11.1	11.6	9.6	9.9	10.1	10.4	10.8
Variations with the observer position at spacings:										
S = 1.0H	+ 2.1 / - 2.7					+ 1.7 / - 3.6				
1.5H	+ 2.0 / - 1.5					+ 1.2 / - 1.0				
2.0H	+ 3.0 / - 8.1					+ 2.9 / - 8.5				

CIE Pub.117 Corrected 863.0 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.5)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-05-13

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:0.0707A P:14.27W PF:0.9137 Lamp Flux:863.048x1 lm		
NAME: S100S2-13W-930-N	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L108mm*W108mm*H126mm	
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) $k(RI) \times RCR = 5$									
$k = 0.60$	88	81	78	87	81	77	86	81	77	74
0.80	95	89	86	94	89	85	93	88	85	81
1.00	100	94	90	99	94	90	97	93	90	86
1.25	103	98	95	102	98	95	101	97	94	90
1.50	106	102	98	105	101	98	103	99	97	92
2.00	109	105	102	107	104	101	105	102	99	94
2.50	110	107	104	109	105	103	106	103	101	95
3.00	112	109	106	110	107	105	107	105	103	96
4.00	114	111	109	112	110	108	108	106	105	98
5.00	115	113	111	113	111	110	109	108	106	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:2017-05-13

$\gamma$  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:0.0707A P:14.27W PF:0.9137 Lamp Flux:863.048x1 lm		
NAME: S100S2-13W-930-N	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

827.8 lm

%lum = 95.9%

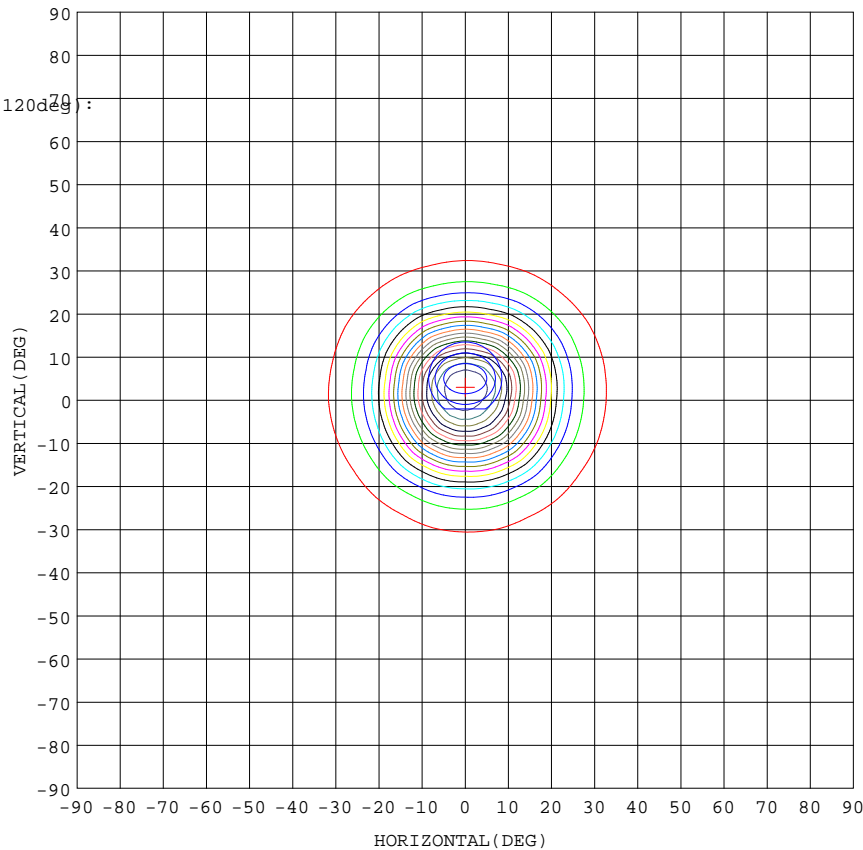
%lamp = 95.9%

Conical surface Flux(120deg):

859.06 lm

%lum = 99.5%

%lamp = 99.5%



1. AVG=2525, MIN=2363
2. AVG=2445, MIN=2087
3. AVG=2343, MIN=1742

Imax:2619 (H0.0,V3.0)  
(At:C=270.0,Gamma=3.0)

UNIT: cd

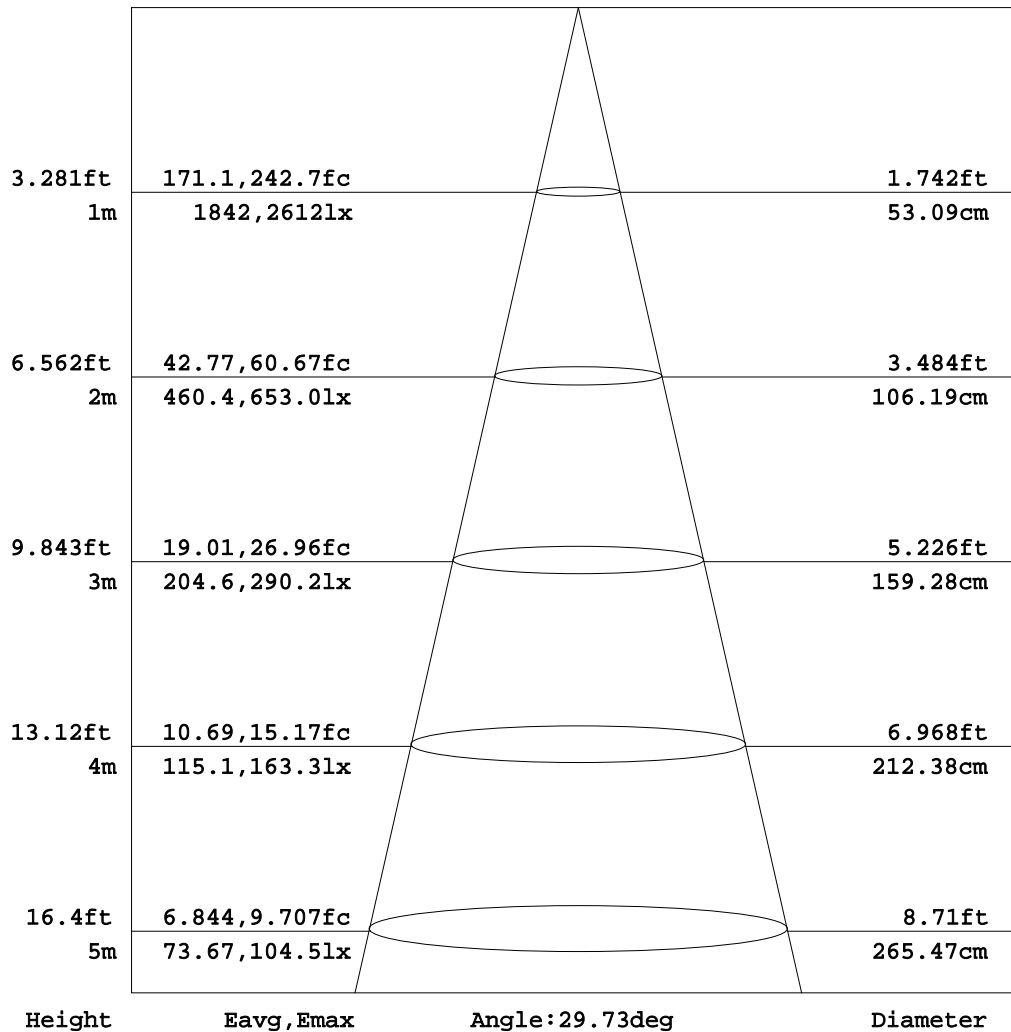
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-05-13

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:0.0707A P:14.27W PF:0.9137 Lamp Flux:863.048x1 lm		
NAME: S100S2-13W-930-N	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		

Flux out:415.4 lm



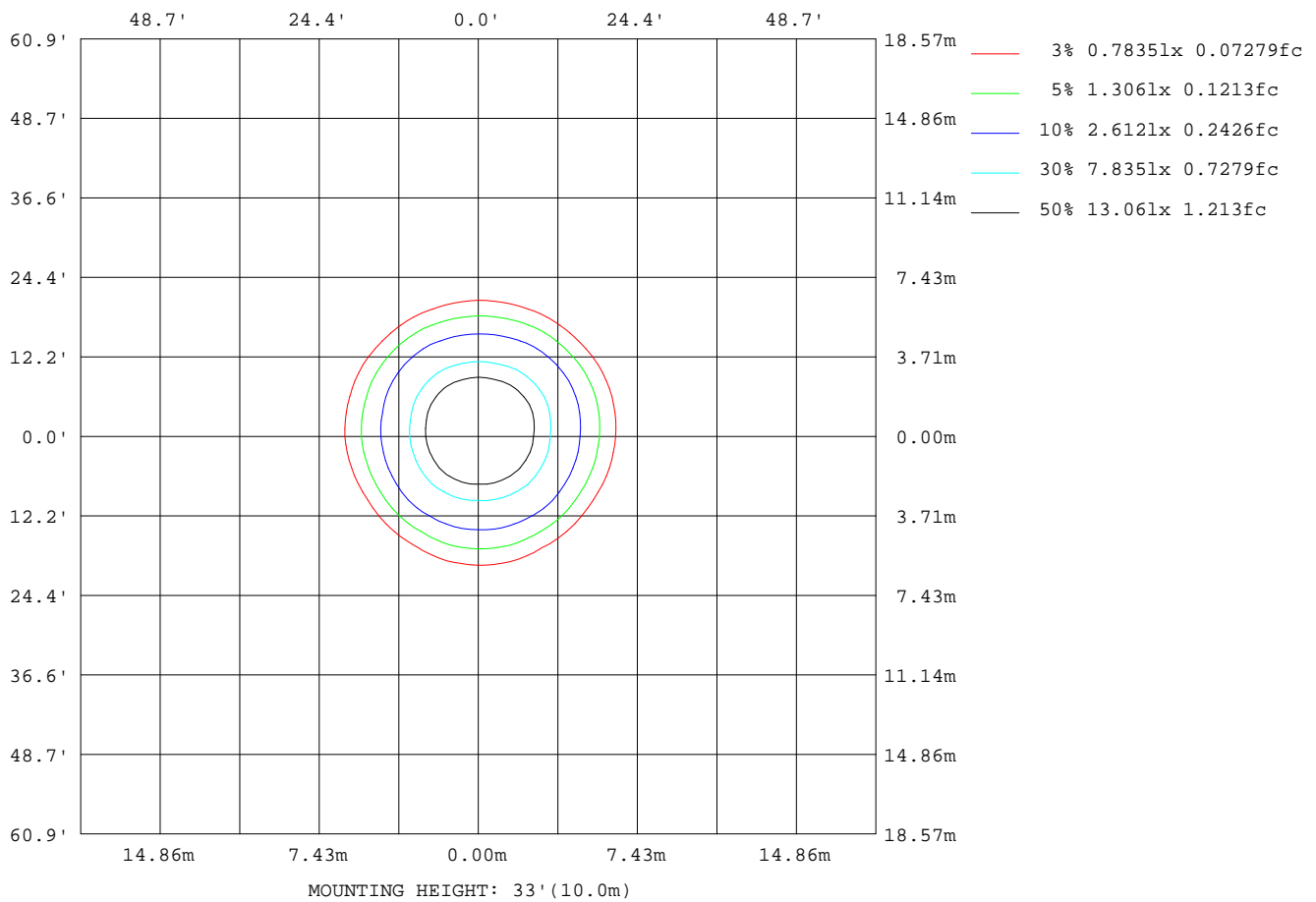
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-05-13

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

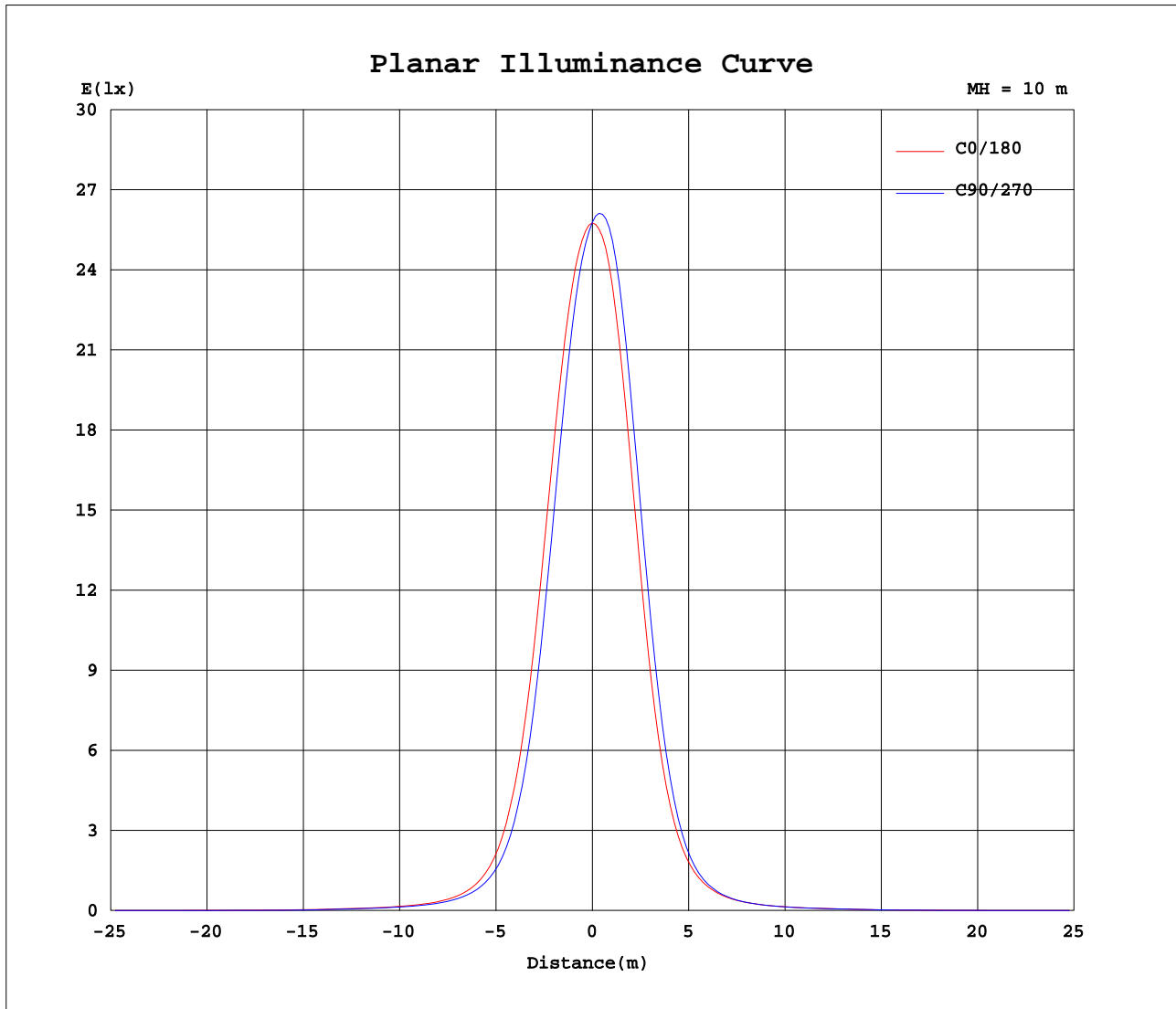
Test:U:220.7V I:0.0707A P:14.27W PF:0.9137 Lamp Flux:863.048x1 lm		
NAME: S100S2-13W-930-N	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-05-13

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: 2017-05-13

$\gamma$  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:

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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	2576	2577	2576	2579	2577	2581	2579	2583	2581	2584
3.0	2522	2506	2483	2475	2458	2458	2451	2461	2464	2482
6.0	2373	2344	2299	2278	2243	2236	2218	2235	2240	2274
9.0	2115	2078	2017	1987	1928	1909	1880	1904	1911	1957
12.0	1765	1726	1665	1625	1552	1521	1483	1508	1522	1569
15.0	1368	1336	1279	1240	1166	1128	1088	1111	1125	1171
18.0	985.2	957.1	915.3	887.5	817.5	780.1	745.6	762.2	775.3	813.0
21.0	666.3	641.9	611.6	592.2	542.8	509.7	491.5	494.7	506.3	528.7
24.0	433.5	411.0	387.9	374.2	339.8	325.5	313.5	314.4	312.9	329.3
27.0	278.6	260.1	240.9	231.5	213.7	210.7	205.8	203.3	197.0	205.0
30.0	183.3	168.8	153.1	147.5	139.8	141.9	140.1	138.5	130.8	134.9
33.0	125.7	114.8	104.0	99.70	97.49	99.59	99.44	96.91	92.72	92.57
36.0	90.71	83.49	76.26	73.52	72.61	74.07	73.71	72.32	69.78	69.20
39.0	68.74	64.05	59.66	57.84	56.89	57.66	57.13	56.34	54.70	54.25
42.0	54.59	51.18	48.04	47.14	46.43	46.84	46.21	45.56	44.24	43.73
45.0	45.28	42.86	40.23	39.58	39.07	39.76	38.37	38.20	36.60	36.02
48.0	37.32	36.20	34.51	33.93	34.30	33.51	32.35	31.87	30.98	30.10
51.0	32.28	30.68	29.01	28.25	29.11	28.59	27.53	26.86	25.41	24.51
54.0	26.28	24.81	22.50	22.80	22.47	22.28	19.86	20.40	19.21	19.28
57.0	16.98	15.55	15.49	17.48	15.18	13.46	12.12	12.01	12.50	14.22
60.0	12.31	10.60	9.025	11.38	8.554	8.871	8.366	7.767	6.838	9.397
63.0	8.906	5.288	4.852	7.291	4.199	3.802	5.251	3.415	2.971	5.561
66.0	4.844	1.582	1.831	3.784	1.284	0.7990	2.674	0.7947	0.9329	2.694
69.0	2.093	0.5915	0.7583	1.424	0.5545	0.4345	0.7529	0.4432	0.5062	0.8924
72.0	0.5124	0.2880	0.3970	0.5389	0.3135	0.2378	0.3247	0.2312	0.2764	0.3794
75.0	0.1955	0.1265	0.1734	0.2072	0.1579	0.0894	0.1274	0.0807	0.1142	0.1111
78.0	0.0550	0.0349	0.0615	0.0328	0.0506	0.0306	0.0459	0.0306	0.0352	0.0262
81.0	0.0437	0.0306	0.0262	0.0263	0.0263	0.0284	0.0415	0.0284	0.0262	0.0219
84.0	0.0350	0.0306	0.0284	0.0328	0.0262	0.0284	0.0329	0.0306	0.0262	0.0219
87.0	0.0328	0.0328	0.0284	0.0350	0.0262	0.0306	0.0328	0.0328	0.0284	0.0328
90.0	0.0372	0.0372	0.0372	0.0372	0.0372	0.0350	0.0328	0.0350	0.0350	0.0350

G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	2583	2585	2576	2577	2576	2579	2577	2581	2579	2583
3.0	2494	2519	2535	2553	2577	2594	2608	2616	2619	2617
6.0	2292	2334	2374	2408	2464	2495	2529	2537	2549	2542
9.0	1972	2020	2074	2121	2206	2254	2304	2304	2319	2312
12.0	1580	1620	1677	1732	1840	1899	1953	1941	1955	1951
15.0	1174	1202	1256	1305	1421	1480	1535	1509	1520	1520
18.0	811.8	830.4	871.2	916.4	1018	1075	1118	1085	1090	1097
21.0	532.9	541.1	571.8	605.6	682.7	726.1	755.5	721.7	722.3	733.2
24.0	330.6	343.2	366.8	389.1	436.8	463.0	479.0	453.6	453.8	463.5
27.0	207.0	219.8	238.0	250.4	274.3	286.2	293.0	278.8	281.1	287.3
30.0	135.4	146.5	160.1	166.2	176.2	179.2	181.3	176.0	179.4	181.9
33.0	94.65	102.3	111.7	115.4	118.4	117.8	118.1	117.3	120.0	121.2
36.0	70.33	75.63	81.50	83.30	84.57	82.85	83.05	82.83	84.84	85.47
39.0	54.75	58.19	62.31	62.79	63.25	62.01	61.69	62.06	62.79	63.75
42.0	44.05	46.38	49.20	49.09	48.95	47.49	47.83	47.77	48.87	49.46
45.0	36.39	39.17	40.48	40.49	39.06	37.47	38.11	39.07	39.85	40.80
48.0	31.59	32.93	34.04	33.37	32.32	30.25	31.27	32.43	32.76	33.92
51.0	25.16	27.36	29.51	27.93	26.13	23.89	25.74	26.99	28.54	29.43
54.0	18.88	20.92	22.72	21.69	19.84	18.71	19.93	21.63	23.32	24.14
57.0	12.37	13.02	14.98	13.35	13.61	14.39	14.69	14.58	15.58	16.66
60.0	6.951	8.449	10.92	8.779	7.636	10.07	9.316	8.856	10.79	10.70
63.0	3.334	3.544	7.136	3.899	3.781	6.548	4.848	4.256	7.304	6.711
66.0	1.044	0.9059	3.376	0.9333	1.277	3.521	1.832	1.216	4.001	2.343
69.0	0.5741	0.4386	1.025	0.4470	0.6196	1.216	0.6896	0.5408	1.523	0.6744
72.0	0.2896	0.1963	0.3158	0.2214	0.3118	0.4651	0.3750	0.3286	0.5386	0.3552
75.0	0.1295	0.0632	0.0872	0.0921	0.1308	0.1691	0.1635	0.1709	0.2376	0.1798
78.0	0.0331	0.0284	0.1356	0.0351	0.0284	0.0483	0.0479	0.0549	0.0550	0.0681
81.0	0.0284	0.0284	0.0262	0.0328	0.0241	0.0241	0.0219	0.0350	0.0306	0.0328
84.0	0.0284	0.0284	0.0262	0.0284	0.0241	0.0219	0.0219	0.0284	0.0284	0.0262
87.0	0.0284	0.0306	0.0262	0.0262	0.0241	0.0219	0.0241	0.0262	0.0241	0.0262
90.0	0.0350	0.0350	0.0262	0.0262	0.0219	0.0219	0.0241	0.0241	0.0241	0.0262

G/C	300.0	315.0	330.0	345.0
0.0	2581	2584	2583	2585
3.0	2610	2597	2582	2558
6.0	2540	2510	2485	2438
9.0	2327	2299	2273	2201
12.0	1989	1974	1949	1863
15.0	1577	1574	1558	1465
18.0	1163	1170	1157	1074
21.0	795.8	808.5	798.9	735.1

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
 Test Date: 2017-05-13

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	511.0	528.4	520.0	480.0
27.0	314.9	324.9	326.6	306.2
30.0	194.3	200.0	204.9	198.0
33.0	127.2	128.4	135.5	133.5
36.0	87.06	88.43	93.26	94.78
39.0	64.71	65.65	69.56	71.04
42.0	50.68	51.25	54.20	55.34
45.0	41.13	41.35	43.39	45.13
48.0	34.55	34.24	35.86	37.37
51.0	30.28	28.21	30.01	31.13
54.0	23.34	22.65	23.87	25.28
57.0	16.51	17.74	17.55	15.70
60.0	10.22	12.50	10.37	9.942
63.0	5.634	8.210	6.031	6.109
66.0	2.401	4.653	2.414	2.057
69.0	0.7880	2.025	0.8424	0.6619
72.0	0.4646	0.6999	0.4776	0.3266
75.0	0.2246	0.2918	0.2137	0.1644
78.0	0.0761	0.0901	0.0631	0.0636
81.0	0.0241	0.0285	0.0262	0.0350
84.0	0.0241	0.0241	0.0262	0.0306
87.0	0.0241	0.0241	0.0262	0.0284
90.0	0.0241	0.0241	0.0284	0.0284

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-05-13

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: