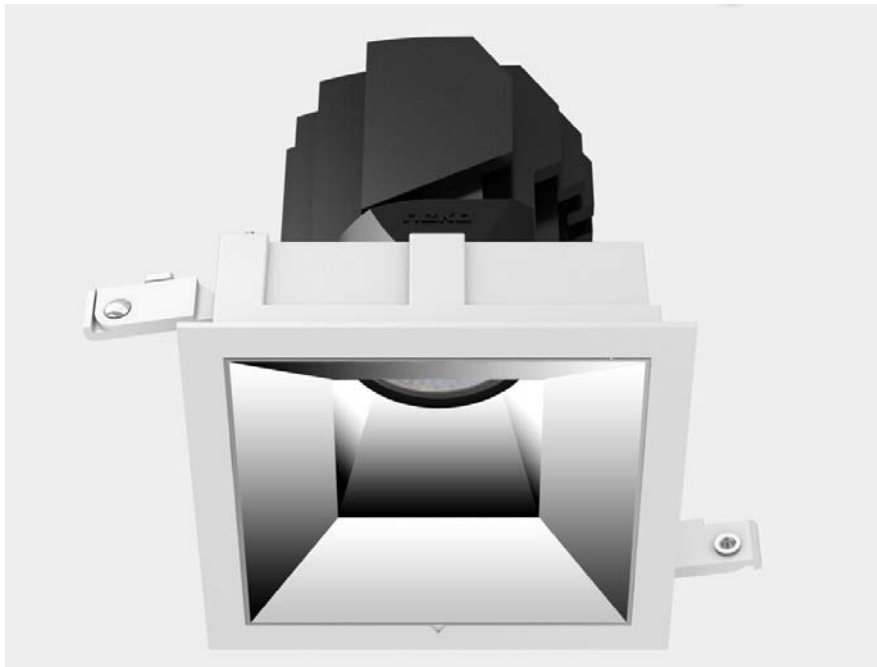


LED Downlight SENSE Series S100S2-13W-940-N



Light Output Ratio:	100.0%	
Luminaire Power:	14.32 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

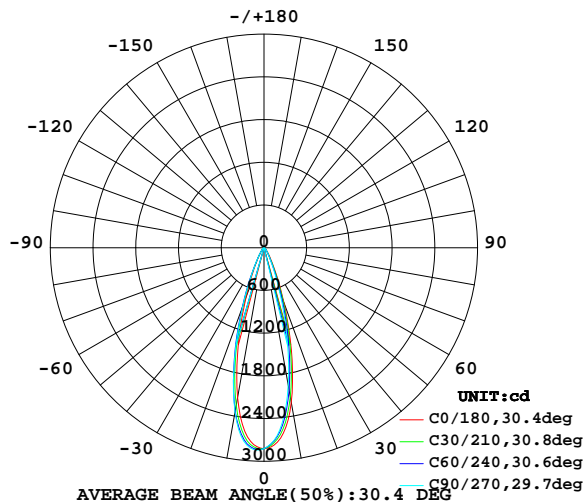
γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

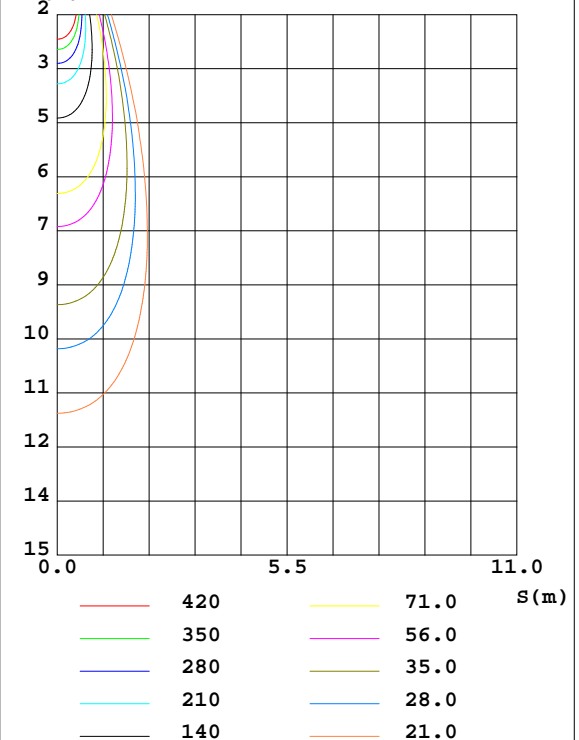
Test:U:220.7V I:0.0709A P:14.32W PF:0.9148 Lamp Flux:938.02lx1 lm		
NAME: S100S2-13W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 65.50 lm/W			
MODEL	CITIZEN-4000K	I _{max} (cd)	2844	S/MH(C0/180)	0.49
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.52
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	938.02	η UP,DN(C0-180)	0.0,46.3
NOMINAL FLUX(lm)	938.021	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,53.7
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)



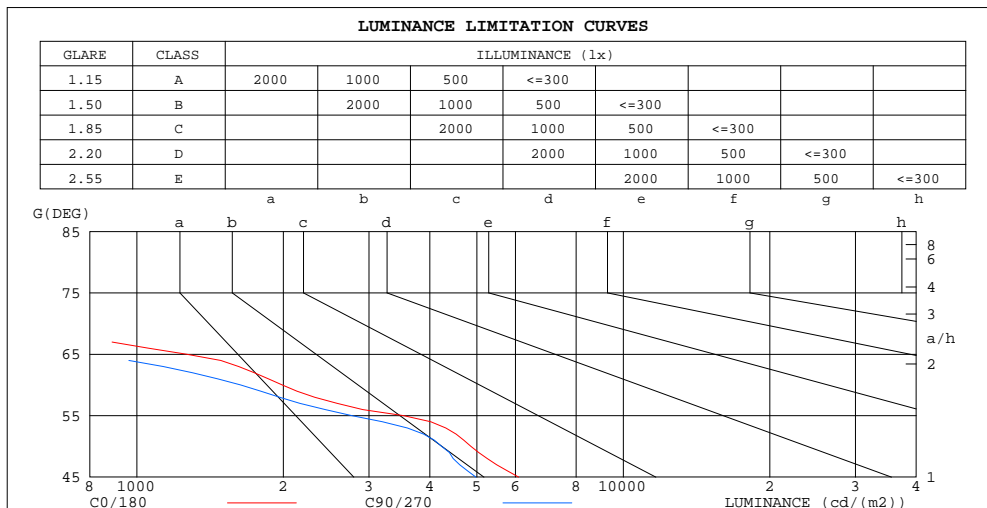
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-05-13

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:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	2209	2099	1963	2034	2137	2287	2346	2373	0- 10	239.8	239.8	25.6,25.6
20	818.6	757.6	623.1	684.1	736.6	886.4	870.2	991.0	10- 20	394.7	634.5	67.6,67.6
30	201.9	164.4	150.9	142.4	170.7	186.3	189.7	219.7	20- 30	182.8	817.3	87.1,87.1
40	72.52	59.45	56.93	49.91	58.47	58.92	62.16	70.31	30- 40	63.88	881.2	93.9,93.9
50	36.44	31.31	31.73	26.03	32.77	28.70	31.97	35.31	40- 50	33.87	915.0	97.5,97.5
60	11.60	11.66	9.528	10.97	13.15	11.75	11.05	12.97	50- 60	18.66	933.7	99.5,99.5
70	1.265	1.041	0.7160	0.8029	0.7322	0.9875	0.9715	1.459	60- 70	4.049	937.7	100,100
80	0.0437	0.0284	0.0459	0.0306	0.0350	0.0306	0.2382	0.0351	70- 80	0.2492	938.0	100,100
90	0.0372	0.0372	0.0372	0.0372	0.0284	0.0262	0.0284	0.0262	80- 90	0.0337	938.0	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		



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	34	32
80	22	23
75	70	59
70	317	179
65	1265	745
60	1989	1634
55	3537	2768
50	4860	4232
45	6093	4976

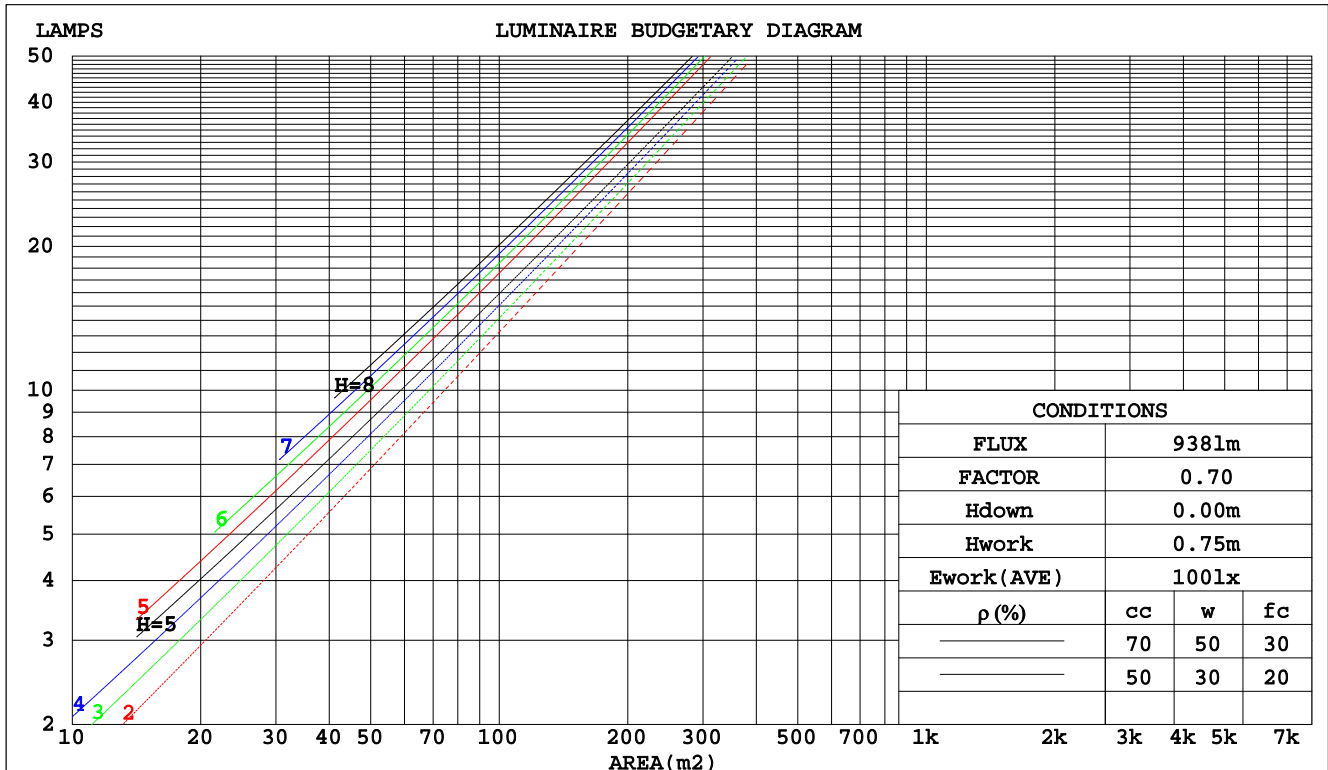
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-05-13

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.7V I:0.0709A P:14.32W PF:0.9148 Lamp Flux:938.02lx1 lm		
NAME: S100S2-13W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	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	.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	1.00	.99	.98	.97	.95
2.0	1.06	1.02	.00	1.04	1.01	.98	1.01	.99	.96	.98	.96	.94	.95	.94	.92	.91
3.0	1.00	.96	.93	.99	.95	.92	.96	.93	.91	.94	.92	.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	.89	.85	.82	.87	.84	.81	.86	.83	.80	.79
6.0	.87	.82	.79	.86	.82	.79	.85	.81	.78	.84	.80	.78	.83	.79	.77	.76
7.0	.84	.79	.75	.83	.78	.75	.82	.78	.75	.81	.77	.74	.80	.76	.74	.73
8.0	.80	.76	.72	.80	.75	.72	.79	.75	.72	.78	.74	.72	.77	.74	.71	.70
9.0	.77	.73	.69	.77	.72	.69	.76	.72	.69	.75	.72	.69	.75	.71	.69	.68
10.0	.75	.70	.67	.74	.70	.67	.74	.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:0.0709A P:14.32W PF:0.9148 Lamp Flux:938.02lx1 lm		
NAME: S100S2-13W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	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	.026	.134	.077	.024	.122	.070	.023	.112	.065	.021	
2.0	.144	.079	.024	.138	.076	.023	.128	.071	.022	.119	.066	.021	.110	.062	.020	
3.0	.136	.072	.022	.131	.070	.021	.122	.066	.020	.114	.063	.019	.107	.059	.018	
4.0	.128	.066	.020	.124	.065	.019	.117	.062	.018	.110	.059	.018	.103	.056	.017	
5.0	.121	.062	.018	.118	.060	.018	.111	.058	.017	.105	.056	.017	.100	.053	.016	
6.0	.115	.058	.016	.112	.057	.016	.106	.055	.016	.101	.053	.015	.096	.051	.015	
7.0	.109	.054	.015	.107	.053	.015	.102	.051	.015	.097	.050	.015	.093	.048	.014	
8.0	.104	.051	.014	.102	.050	.014	.098	.049	.014	.094	.047	.014	.090	.046	.013	
9.0	.100	.048	.013	.098	.048	.013	.094	.046	.013	.090	.045	.013	.087	.044	.013	
10.0	.095	.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	.077	.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:0.0709A P:14.32W PF:0.9148 Lamp Flux:938.02lx1 lm										
NAME: S100S2-13W-940-N					TYPE:Downlight			SERIAL No.:		
SPEC.:4000K					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	11.3	12.1	11.6	12.3	12.4	10.6	11.4	10.8	11.5	11.7
3H	11.2	11.9	11.5	12.1	12.3	10.5	11.2	10.7	11.4	11.6
4H	11.1	11.8	11.4	12.0	12.2	10.4	11.1	10.6	11.3	11.5
6H	11.1	11.7	11.3	11.9	12.2	10.3	10.9	10.6	11.2	11.4
8H	11.0	11.6	11.3	11.9	12.1	10.2	10.9	10.5	11.1	11.4
12H	11.0	11.5	11.3	11.8	12.1	10.2	10.8	10.5	11.1	11.3
4H 2H	11.3	11.9	11.5	12.1	12.4	10.6	11.2	10.8	11.4	11.7
3H	11.1	11.7	11.4	12.0	12.2	10.4	11.0	10.7	11.2	11.5
4H	11.0	11.6	11.4	11.9	12.2	10.3	10.8	10.6	11.1	11.4
6H	10.9	11.4	11.3	11.7	12.1	10.2	10.7	10.6	11.0	11.3
8H	10.9	11.3	11.3	11.7	12.0	10.2	10.6	10.5	10.9	11.3
12H	10.8	11.2	11.2	11.6	12.0	10.1	10.5	10.5	10.9	11.3
8H 4H	10.9	11.3	11.3	11.7	12.0	10.2	10.6	10.5	10.9	11.3
6H	10.8	11.1	11.2	11.5	11.9	10.0	10.4	10.5	10.8	11.2
8H	10.7	11.0	11.1	11.4	11.9	10.0	10.3	10.4	10.7	11.2
12H	10.6	10.9	11.1	11.4	11.8	9.9	10.2	10.4	10.6	11.1
12H 4H	10.8	11.2	11.2	11.6	12.0	10.1	10.5	10.5	10.9	11.3
6H	10.7	11.0	11.1	11.4	11.9	10.0	10.3	10.4	10.7	11.2
8H	10.6	10.9	11.1	11.4	11.8	9.9	10.2	10.4	10.6	11.1
Variations with the observer position at spacings:										
S = 1.0H	+ 2.3 / - 3.3					+ 1.7 / - 3.5				
1.5H	+ 2.3 / - 1.7					+ 1.2 / - 1.2				
2.0H	+ 3.4 / - 8.6					+ 2.9 / - 8.0				

CIE Pub.117 Corrected 938.0 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.2)

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:0.0709A P:14.32W PF:0.9148 Lamp Flux:938.02lx1 lm		
NAME: S100S2-13W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	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	86	93	88	85	81
1.00	100	94	90	99	94	90	97	93	90	86
1.25	104	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

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:

ISOCANDELA DIAGRAM

Test:U:220.7V I:0.0709A P:14.32W PF:0.9148 Lamp Flux:938.02lx1 lm		
NAME: S100S2-13W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

900.03 lm

%lum = 95.9%

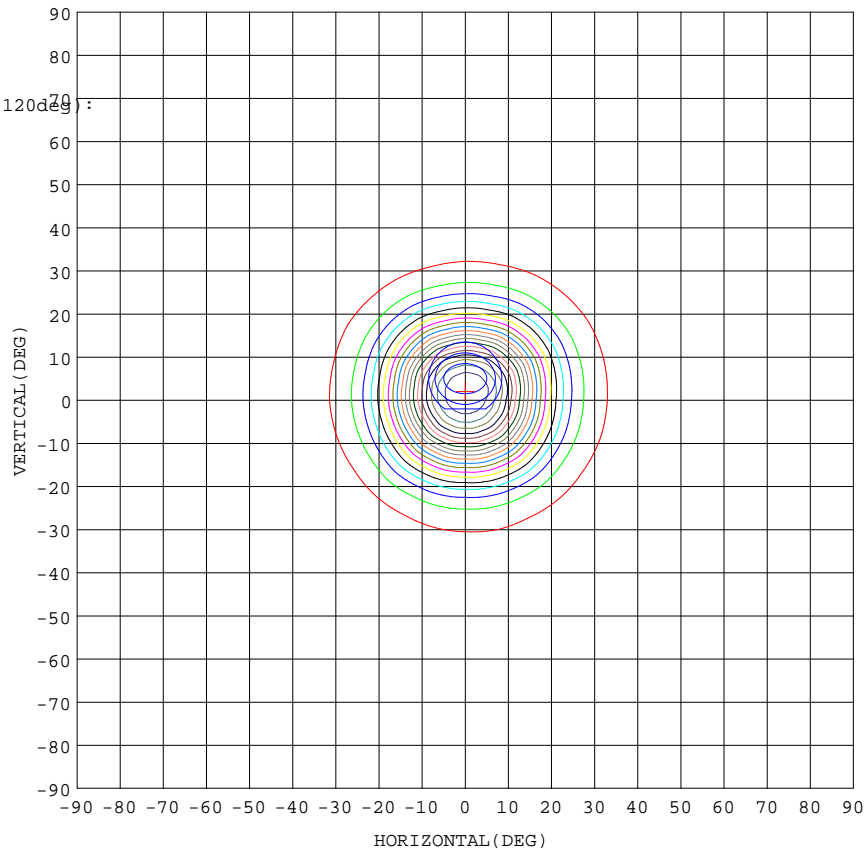
%lamp = 95.9%

Conical surface Flux(120deg):

933.69 lm

%lum = 99.5%

%lamp = 99.5%



1. AVG=2716, MIN=2511
2. AVG=2634, MIN=2210
3. AVG=2526, MIN=1834

Imax:2844 (H0.0,V2.0)
(At:C=285.0,Gamma=2.0)

UNIT: cd

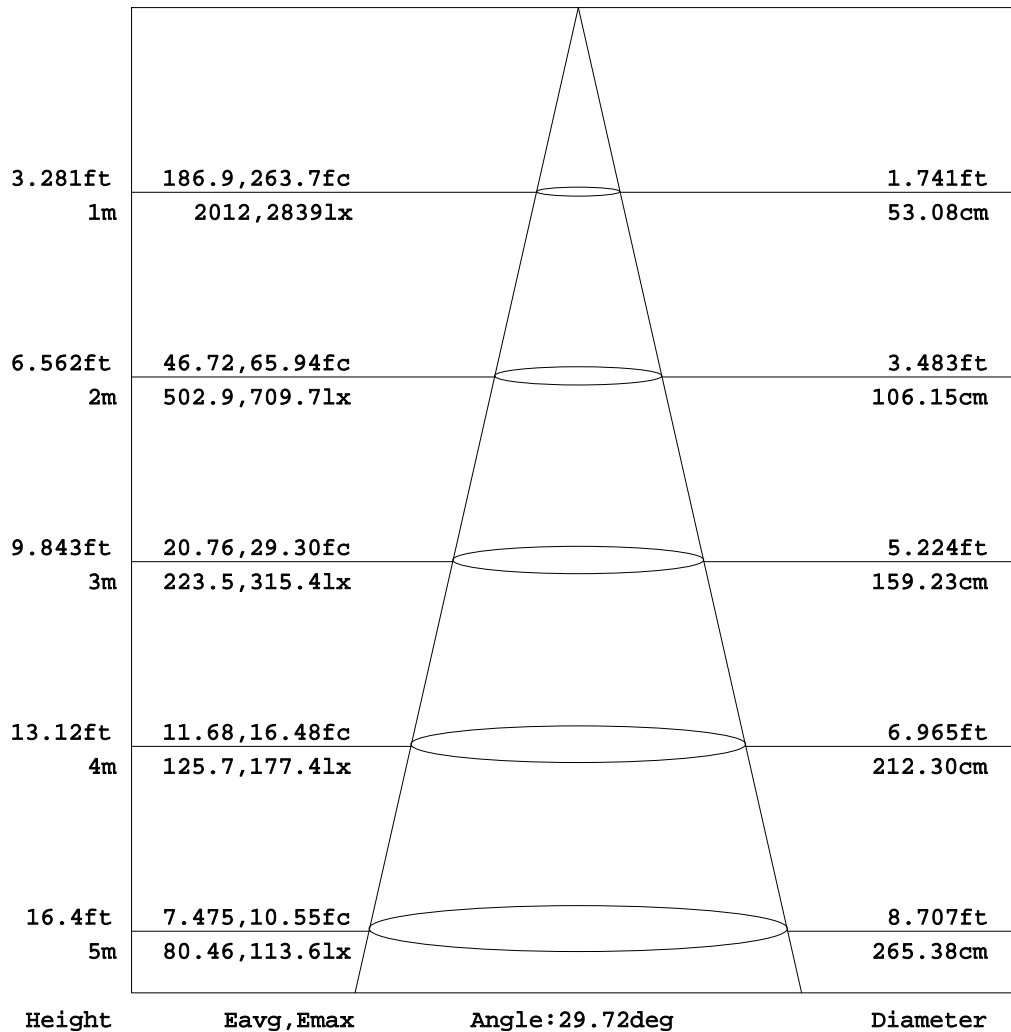
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-05-13

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:0.0709A P:14.32W PF:0.9148 Lamp Flux:938.02lx1 lm		
NAME: S100S2-13W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		

Flux out:453.7 lm



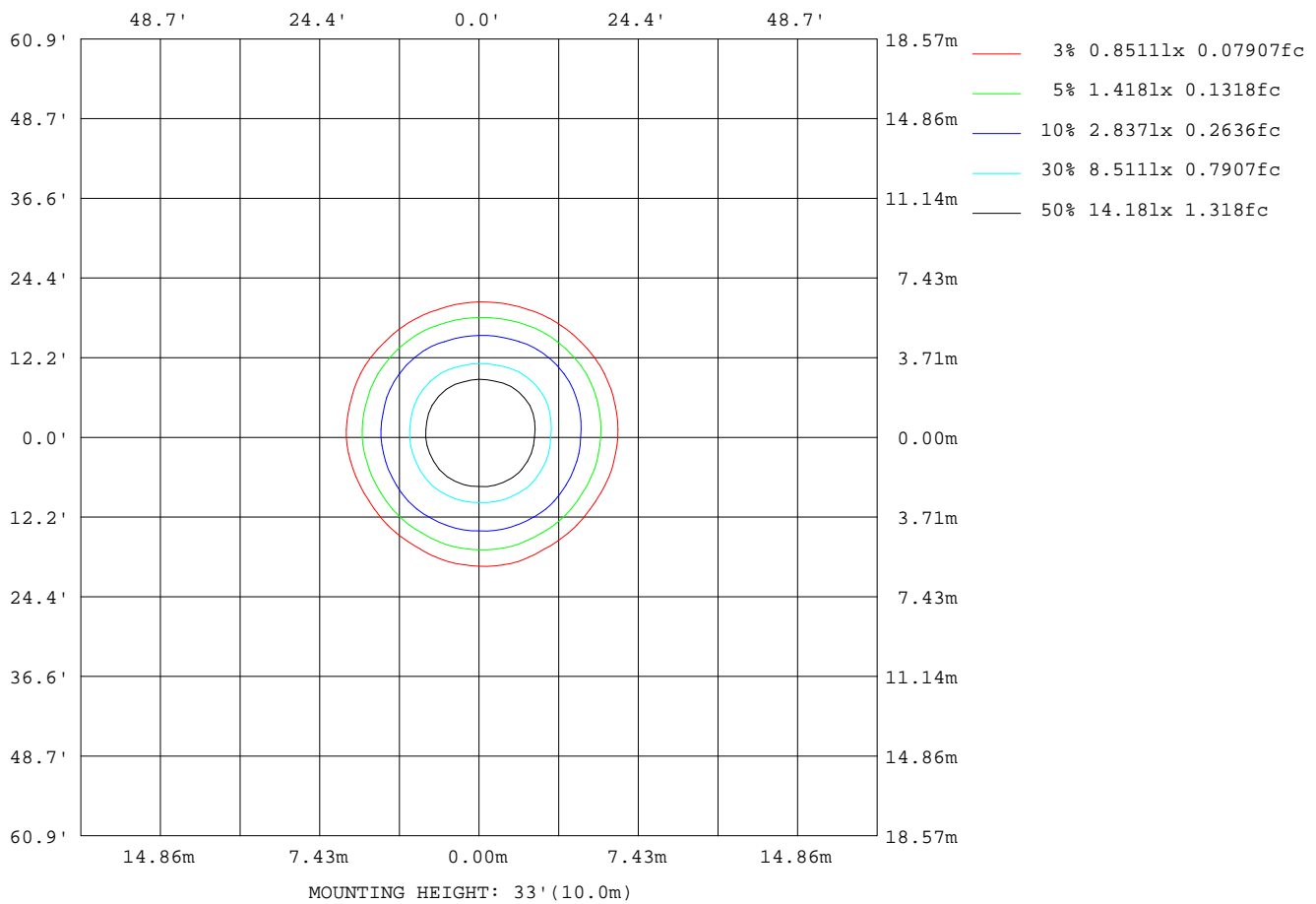
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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

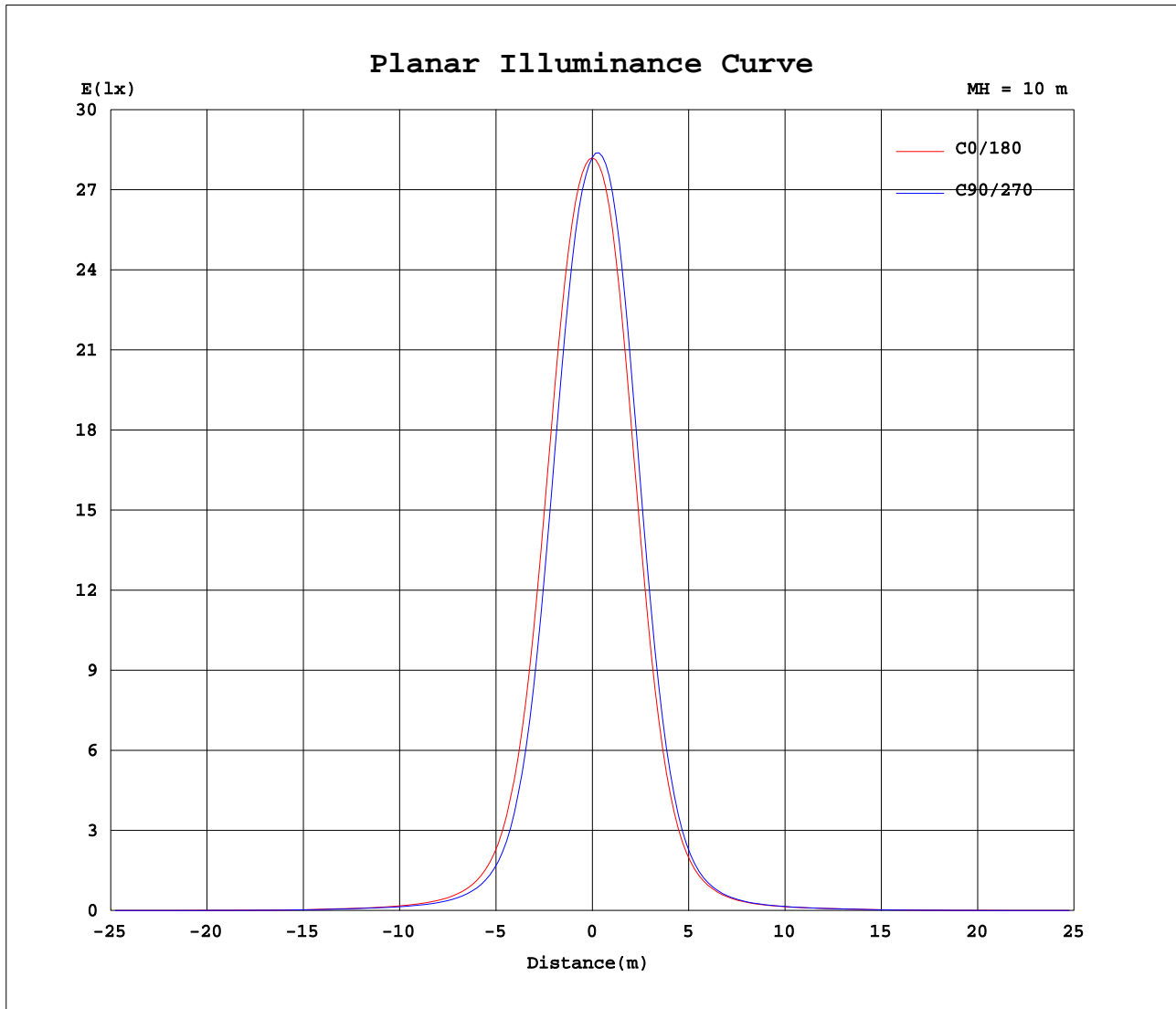
Test:U:220.7V I:0.0709A P:14.32W PF:0.9148 Lamp Flux:938.02lx1 lm		
NAME: S100S2-13W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		



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

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:

```

```

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	2820	2821	2821	2822	2822	2824	2822	2825	2823	2826
3.0	2773	2760	2743	2734	2718	2717	2708	2715	2715	2728
6.0	2617	2596	2560	2540	2504	2491	2469	2482	2484	2511
9.0	2330	2304	2254	2227	2165	2141	2105	2124	2129	2171
12.0	1933	1906	1857	1825	1749	1711	1667	1688	1701	1747
15.0	1485	1462	1420	1394	1313	1271	1221	1247	1259	1308
18.0	1060	1041	1010	989.7	916.7	871.9	830.5	849.0	865.5	906.6
21.0	713.4	695.9	673.2	656.7	600.2	565.4	541.8	546.3	558.4	588.3
24.0	464.5	448.2	427.6	413.3	377.4	357.8	340.4	343.3	345.3	365.2
27.0	301.9	286.8	267.6	256.4	236.4	230.6	221.8	219.4	214.5	224.0
30.0	201.9	189.2	172.5	164.4	154.9	155.2	150.9	146.7	139.6	142.4
33.0	141.0	132.4	118.2	111.8	108.5	109.6	107.4	102.9	97.02	95.95
36.0	102.9	95.61	86.70	82.31	80.98	81.63	79.62	76.16	71.83	70.08
39.0	78.44	73.26	67.14	64.07	63.39	63.44	61.84	59.03	55.63	54.00
42.0	62.13	58.11	53.57	51.50	51.10	51.16	49.56	47.56	44.70	43.04
45.0	50.26	47.65	43.96	42.38	42.49	43.40	41.04	40.14	36.99	35.36
48.0	41.00	39.51	36.92	35.58	37.06	36.47	34.89	33.98	31.86	29.59
51.0	34.50	32.72	30.69	29.35	30.60	30.88	30.01	28.84	26.23	24.35
54.0	27.55	25.97	23.62	23.36	23.39	23.92	21.92	22.20	20.02	19.91
57.0	16.39	15.60	16.22	17.63	15.93	15.06	13.73	13.55	13.56	15.62
60.0	11.60	10.11	9.041	11.66	9.216	9.576	9.528	8.542	7.701	10.97
63.0	8.574	4.955	4.741	7.385	4.765	4.341	6.000	3.894	3.364	6.718
66.0	5.001	1.479	1.839	3.902	1.606	1.013	2.839	0.9609	1.060	3.257
69.0	2.203	0.6745	0.8371	1.496	0.7273	0.5917	1.028	0.5609	0.6440	1.058
72.0	0.5582	0.3426	0.4453	0.6150	0.3904	0.3360	0.4323	0.2836	0.3487	0.4624
75.0	0.2109	0.1418	0.2107	0.2115	0.1931	0.1418	0.1780	0.1199	0.1603	0.1461
78.0	0.0594	0.0372	0.0726	0.0415	0.0704	0.0306	0.0328	0.0328	0.0419	0.0328
81.0	0.0437	0.0328	0.0285	0.0306	0.0285	0.0306	0.0438	0.0328	0.0306	0.0306
84.0	0.0372	0.0328	0.0284	0.0307	0.0284	0.0306	0.0350	0.0328	0.0306	0.0306
87.0	0.0350	0.0372	0.0306	0.0372	0.0284	0.0350	0.0328	0.0328	0.0306	0.0350
90.0	0.0372	0.0394	0.0350	0.0372	0.0372	0.0372	0.0372	0.0372	0.0350	0.0372

G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	2825	2826	2821	2821	2822	2822	2824	2822	2824	2825
3.0	2735	2754	2769	2781	2799	2810	2823	2830	2836	2837
6.0	2522	2555	2592	2616	2659	2679	2707	2715	2731	2731
9.0	2179	2220	2269	2304	2372	2405	2447	2445	2468	2469
12.0	1752	1791	1845	1887	1977	2018	2061	2045	2066	2074
15.0	1306	1340	1391	1429	1530	1573	1612	1581	1597	1611
18.0	905.7	927.1	970.0	1008	1099	1143	1169	1131	1139	1158
21.0	589.0	604.7	637.7	666.3	735.3	771.2	787.7	749.5	753.4	773.4
24.0	367.2	380.6	406.0	424.6	467.3	494.9	498.0	470.8	474.6	495.2
27.0	226.2	239.8	258.9	269.1	290.3	301.1	304.1	290.5	295.9	305.1
30.0	144.4	156.4	170.7	175.6	183.6	186.3	188.0	183.6	189.7	194.4
33.0	98.24	106.9	117.1	119.9	125.0	121.4	124.1	122.7	129.1	130.5
36.0	71.55	77.42	84.33	85.97	86.32	85.09	85.67	86.95	90.59	92.83
39.0	54.67	58.77	63.54	64.77	64.80	63.91	64.20	65.41	67.67	69.82
42.0	43.32	46.40	50.23	50.64	50.77	49.82	50.33	51.22	53.32	54.59
45.0	35.59	39.42	41.39	42.29	41.01	40.16	40.85	42.14	43.43	45.10
48.0	30.70	32.89	34.92	35.14	34.69	33.01	34.09	35.21	35.91	37.27
51.0	25.37	27.87	31.14	30.00	28.20	26.68	28.65	29.36	30.35	31.37
54.0	19.68	21.76	25.04	23.85	21.64	21.29	22.38	23.69	25.12	25.65
57.0	13.58	14.20	17.76	15.94	15.11	16.57	16.57	15.33	15.95	16.75
60.0	8.257	9.338	13.15	10.71	9.096	11.75	10.21	9.611	11.05	10.86
63.0	4.006	4.126	8.397	5.067	4.731	7.746	5.279	4.520	7.555	6.934
66.0	1.223	0.9865	3.612	1.119	1.591	4.176	1.877	1.166	4.260	2.242
69.0	0.6728	0.4910	1.225	0.5477	0.7200	1.464	0.7069	0.5322	1.663	0.6724
72.0	0.3357	0.2356	0.3879	0.2587	0.3662	0.5570	0.3773	0.3154	0.5081	0.3922
75.0	0.1384	0.0850	0.1154	0.1184	0.1395	0.2260	0.1766	0.1491	0.2245	0.1865
78.0	0.0396	0.0306	0.1253	0.0373	0.0305	0.0528	0.0414	0.0505	0.0552	0.0615
81.0	0.0306	0.0306	0.0327	0.0350	0.0241	0.0263	0.0241	0.0350	0.0350	0.0328
84.0	0.0284	0.0328	0.0284	0.0284	0.0241	0.0262	0.0241	0.0306	0.0284	0.0284
87.0	0.0284	0.0328	0.0262	0.0262	0.0241	0.0262	0.0284	0.0284	0.0284	0.0262
90.0	0.0372	0.0372	0.0284	0.0262	0.0241	0.0262	0.0262	0.0284	0.0284	0.0284

G/C	300.0	315.0	330.0	345.0
0.0	2823	2826	2825	2826
3.0	2836	2827	2818	2802
6.0	2738	2720	2709	2672
9.0	2494	2481	2468	2409
12.0	2127	2123	2110	2030
15.0	1685	1693	1680	1584
18.0	1237	1258	1243	1151
21.0	846.3	869.0	855.5	782.0

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	543.4	563.6	556.6	514.9
27.0	336.2	351.4	352.1	327.8
30.0	209.9	219.7	224.2	215.2
33.0	139.5	144.1	149.3	147.6
36.0	97.01	101.4	105.7	106.5
39.0	73.25	76.42	79.80	80.61
42.0	57.70	60.40	62.68	63.11
45.0	46.89	48.59	50.50	50.81
48.0	39.08	39.94	41.32	41.63
51.0	33.29	32.89	34.34	34.15
54.0	25.89	25.95	26.43	27.30
57.0	18.32	19.48	18.87	16.73
60.0	10.80	12.97	10.78	10.36
63.0	5.848	8.262	5.905	6.036
66.0	2.523	4.615	2.491	2.047
69.0	0.8532	2.086	0.9472	0.7910
72.0	0.4974	0.7502	0.5387	0.3837
75.0	0.2399	0.3115	0.2508	0.1819
78.0	0.0696	0.0858	0.0805	0.0659
81.0	0.0262	0.0306	0.0262	0.0394
84.0	0.0262	0.0241	0.0262	0.0328
87.0	0.0262	0.0241	0.0284	0.0328
90.0	0.0262	0.0262	0.0284	0.0306

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: