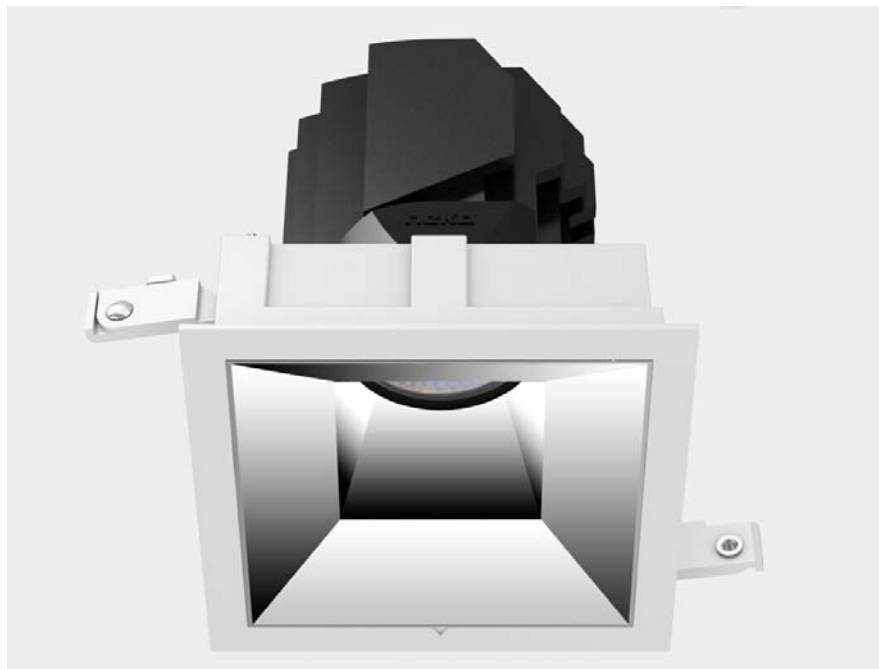


LED Downlight SENSE Series S100S2-13W-940-M



Light Output Ratio:	100.0%	
Luminaire Power:	14.34 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.65	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

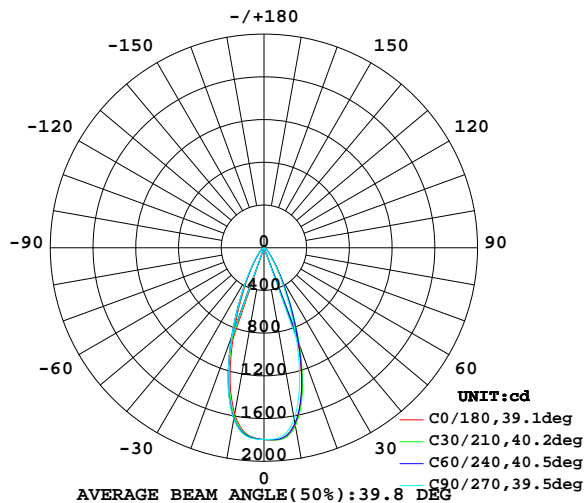
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

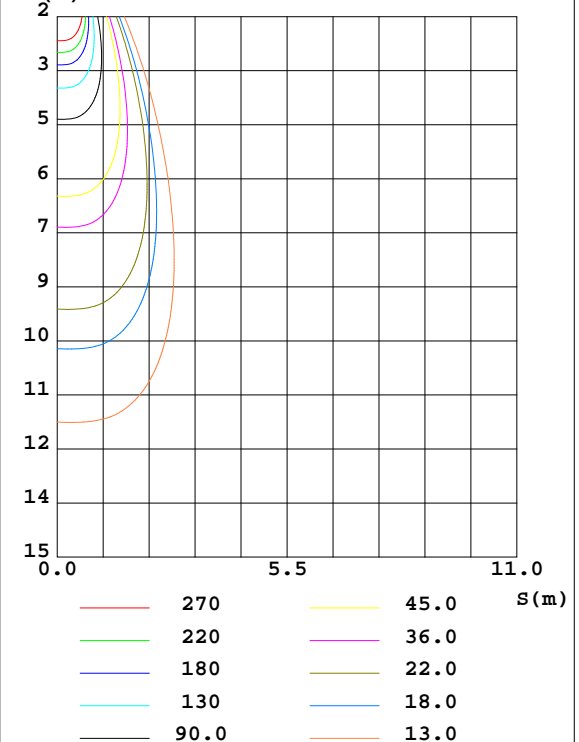
Test:U:220.7V I:0.0715A P:14.34W PF:0.9145 Lamp Flux:960.712x1 lm		
NAME: S100S2-13W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 67.00 lm/W			
MODEL	CITIZEN-4000K	Imax(cd)	1805	S/MH(C0/180)	0.61
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.63
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	960.71	η UP,DN(C0-180)	0.0,49.9
NOMINAL FLUX(lm)	960.712	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.1
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	0.65

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



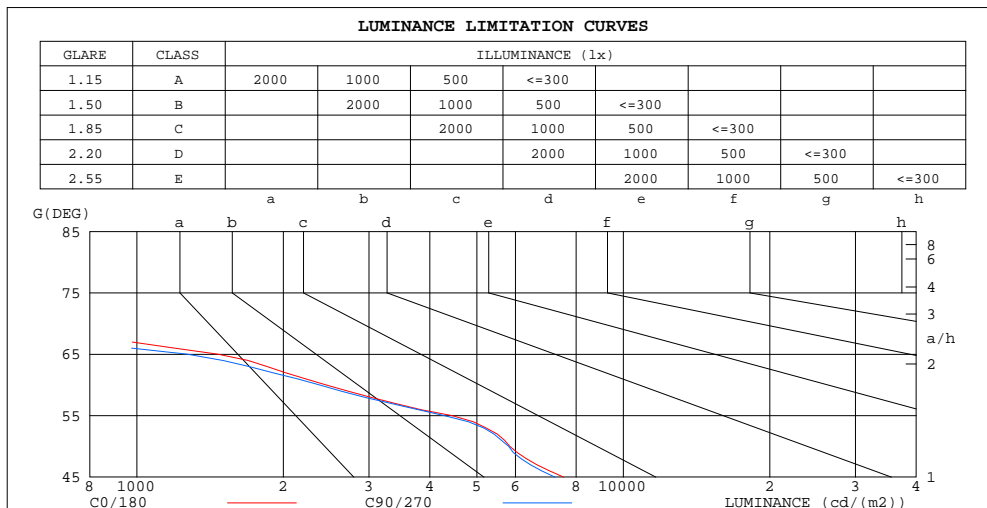
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-05-13

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	1682	1694	1626	1616	1582	1610	1631	1690	0- 10	165.7	165.7	17.3,17.3
20	925.7	987.2	871.1	878.9	810.0	876.6	883.9	993.5	10- 20	357.8	523.6	54.5,54.5
30	300.6	332.4	289.1	291.2	269.5	290.3	298.2	333.0	20- 30	251.0	774.6	80.6,80.6
40	97.06	100.9	93.13	91.18	87.40	92.44	98.00	105.3	30- 40	108.5	883.1	91.9,91.9
50	43.81	39.95	43.59	36.07	42.42	37.91	43.89	42.73	40- 50	47.90	931.0	96.9,96.9
60	14.28	14.64	13.85	13.81	14.11	13.83	14.16	15.21	50- 60	24.00	955.0	99.4,99.4
70	1.647	1.448	1.418	1.300	1.199	1.432	1.462	1.737	60- 70	5.233	960.3	100,100
80	0.0460	0.0350	0.0525	0.0328	0.0284	0.0351	0.1127	0.0461	70- 80	0.4011	960.7	100,100
90	0.0415	0.0350	0.0394	0.0372	0.0284	0.0284	0.0262	0.0306	80- 90	0.0368	960.7	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	41	43
80	23	26
75	120	120
70	413	355
65	1468	1270
60	2449	2374
55	4448	4290
50	5844	5814
45	7538	7234

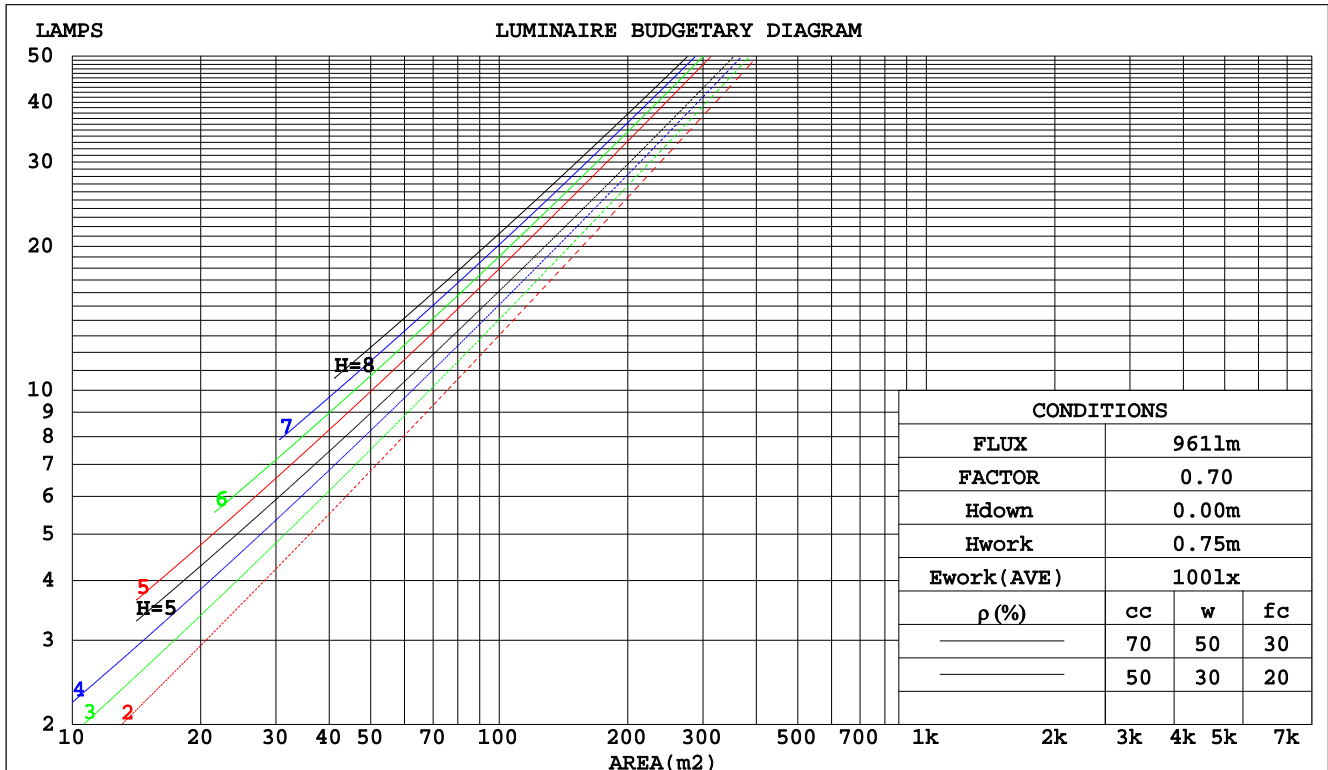
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-05-13

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:0.0715A P:14.34W PF:0.9145 Lamp Flux:960.712x1 lm		
NAME: S100S2-13W-940-M	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	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.04	1.02	1.02	1.00	.99	.98	.97	.96	.94
2.0	1.04	1.01	.98	1.03	.99	.96	.99	.97	.94	.97	.94	.92	.94	.92	.90	.89
3.0	.98	.94	.90	.97	.93	.89	.94	.91	.88	.92	.89	.86	.90	.87	.85	.84
4.0	.93	.87	.84	.91	.87	.83	.89	.85	.82	.87	.84	.81	.86	.83	.80	.79
5.0	.87	.82	.78	.87	.82	.78	.85	.81	.77	.83	.79	.77	.82	.79	.76	.75
6.0	.83	.78	.74	.82	.77	.73	.81	.76	.73	.79	.75	.72	.78	.75	.72	.71
7.0	.79	.73	.70	.78	.73	.69	.77	.72	.69	.76	.72	.69	.75	.71	.68	.67
8.0	.75	.70	.66	.75	.69	.66	.73	.69	.66	.73	.68	.65	.72	.68	.65	.64
9.0	.72	.66	.63	.71	.66	.63	.70	.66	.62	.69	.65	.62	.69	.65	.62	.61
10.0	.69	.63	.60	.68	.63	.60	.67	.63	.60	.67	.62	.59	.66	.62	.59	.58



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:0.0715A P:14.34W PF:0.9145 Lamp Flux:960.712x1 lm		
NAME: S100S2-13W-940-M	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	.166	.094	.030	.159	.091	.029	.147	.084	.027	.135	.078	.025	.124	.072	.023		
2.0	.158	.087	.027	.152	.084	.026	.142	.079	.024	.132	.074	.023	.123	.070	.022		
3.0	.150	.080	.024	.145	.078	.023	.136	.074	.022	.128	.070	.021	.120	.067	.021		
4.0	.142	.074	.022	.138	.072	.021	.130	.069	.021	.123	.066	.020	.117	.063	.019		
5.0	.135	.069	.020	.131	.067	.020	.125	.065	.019	.119	.063	.019	.113	.060	.018		
6.0	.128	.064	.018	.125	.063	.018	.120	.061	.018	.114	.059	.017	.109	.057	.017		
7.0	.122	.061	.017	.120	.060	.017	.115	.058	.017	.110	.056	.016	.105	.055	.016		
8.0	.117	.057	.016	.115	.056	.016	.110	.055	.016	.106	.054	.015	.102	.052	.015		
9.0	.112	.054	.015	.110	.054	.015	.106	.052	.015	.102	.051	.015	.098	.050	.014		
10.0	.107	.051	.014	.105	.051	.014	.102	.050	.014	.098	.049	.014	.095	.048	.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	.125	.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	.045	.045	.035	.027	.014	.011	.009	
5.0	.121	.087	.061	.104	.075	.053	.072	.052	.038	.042	.031	.022	.013	.010	.007	
6.0	.113	.077	.051	.097	.067	.045	.067	.047	.032	.039	.028	.019	.013	.009	.006	
7.0	.107	.070	.044	.092	.060	.038	.063	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.101	.063	.037	.087	.055	.033	.060	.038	.023	.035	.023	.014	.011	.007	.005	
9.0	.095	.058	.033	.082	.050	.028	.057	.035	.020	.033	.021	.012	.011	.007	.004	
10.0	.091	.053	.029	.078	.046	.025	.054	.033	.018	.032	.019	.011	.010	.006	.003	

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:0.0715A P:14.34W PF:0.9145 Lamp Flux:960.712x1 lm										
NAME: S100S2-13W-940-M					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	13.6	14.5	13.8	14.7	14.8	13.6	14.4	13.8	14.6	14.8
3H	13.5	14.3	13.7	14.5	14.7	13.4	14.2	13.7	14.4	14.6
4H	13.4	14.2	13.7	14.4	14.6	13.4	14.1	13.6	14.3	14.5
6H	13.3	14.0	13.6	14.3	14.5	13.3	14.0	13.6	14.2	14.5
8H	13.3	14.0	13.6	14.2	14.5	13.2	13.9	13.5	14.1	14.4
12H	13.2	13.9	13.5	14.1	14.4	13.2	13.8	13.5	14.1	14.4
4H 2H	13.5	14.3	13.8	14.5	14.7	13.5	14.2	13.7	14.4	14.6
3H	13.4	14.0	13.7	14.3	14.5	13.3	14.0	13.6	14.2	14.5
4H	13.3	13.9	13.6	14.2	14.5	13.2	13.8	13.5	14.1	14.4
6H	13.2	13.7	13.5	14.0	14.4	13.1	13.6	13.5	14.0	14.3
8H	13.1	13.6	13.5	13.9	14.3	13.1	13.5	13.4	13.9	14.3
12H	13.1	13.5	13.5	13.9	14.3	13.0	13.4	13.4	13.8	14.2
8H 4H	13.1	13.6	13.5	13.9	14.3	13.1	13.5	13.4	13.9	14.3
6H	13.0	13.4	13.4	13.8	14.2	13.0	13.3	13.4	13.7	14.2
8H	13.0	13.3	13.4	13.7	14.2	12.9	13.2	13.3	13.7	14.1
12H	12.9	13.2	13.4	13.6	14.1	12.8	13.1	13.3	13.6	14.0
12H 4H	13.1	13.5	13.5	13.9	14.3	13.0	13.4	13.4	13.8	14.2
6H	13.0	13.3	13.4	13.7	14.2	12.9	13.2	13.3	13.7	14.1
8H	12.9	13.2	13.4	13.6	14.1	12.8	13.1	13.3	13.6	14.0
Variations with the observer position at spacings:										
S = 1.0H	+ 2.1 / - 3.9					+ 1.9 / - 3.9				
1.5H	+ 2.7 / - 2.4					+ 2.5 / - 2.1				
2.0H	+ 3.3 / - 8.0					+ 3.2 / - 7.9				

CIE Pub.117 Corrected 960.7 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.1)

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:

UTILIZATION FACTORS TABLE

Test:U:220.7V I:0.0715A P:14.34W PF:0.9145 Lamp Flux:960.712x1 lm		
NAME: S100S2-13W-940-M	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) $k(RI) \times RCR = 5$									
$k = 0.60$	86	80	76	86	80	76	85	79	76	72
0.80	94	88	84	93	88	84	92	87	84	80
1.00	99	93	89	98	93	89	96	92	88	85
1.25	103	98	94	102	97	94	100	96	93	89
1.50	106	101	97	104	100	97	102	99	96	91
2.00	108	104	101	107	103	100	104	101	99	94
2.50	110	106	103	109	105	102	105	103	100	95
3.00	112	108	106	110	107	104	107	104	102	96
4.00	114	111	109	112	109	107	108	106	105	97
5.00	115	113	111	113	111	109	109	107	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
 γ 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:0.0715A P:14.34W PF:0.9145 Lamp Flux:960.712x1 lm		
NAME: S100S2-13W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

911.07 lm

%lum = 94.8%

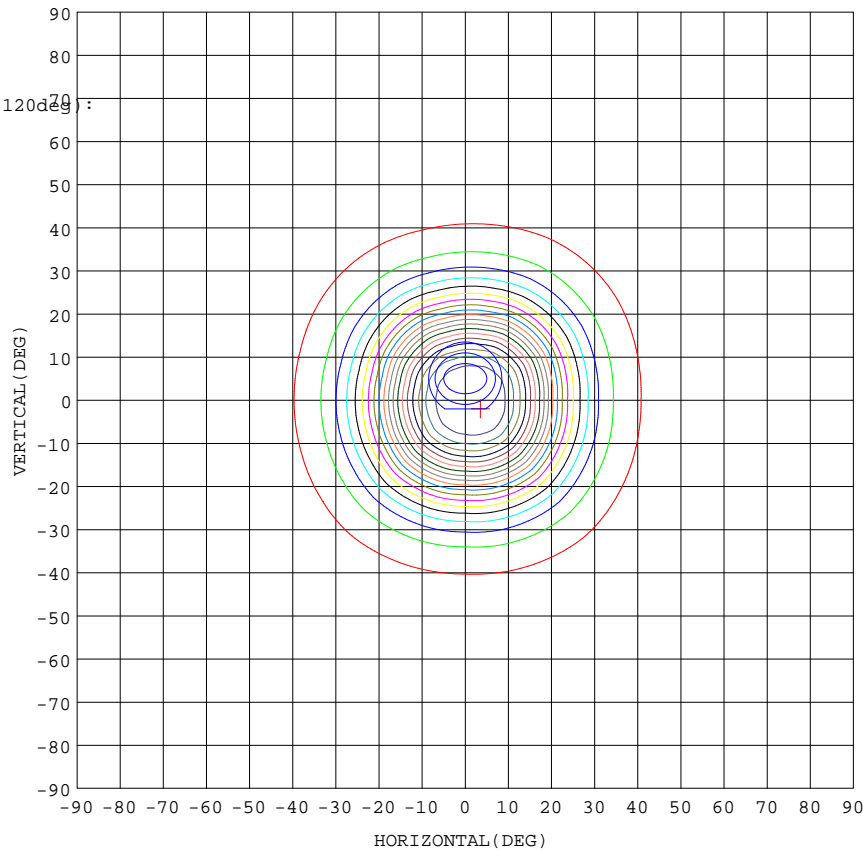
%lamp = 94.8%

Conical surface Flux(120deg):

955.04 lm

%lum = 99.4%

%lamp = 99.4%



1. AVG=1762,MIN=1688
2. AVG=1739,MIN=1575
3. AVG=1705,MIN=1415

Imax:1805(H3.5,V-2.0)
(At:C=30.0,Gamma=4.0)

UNIT: cd

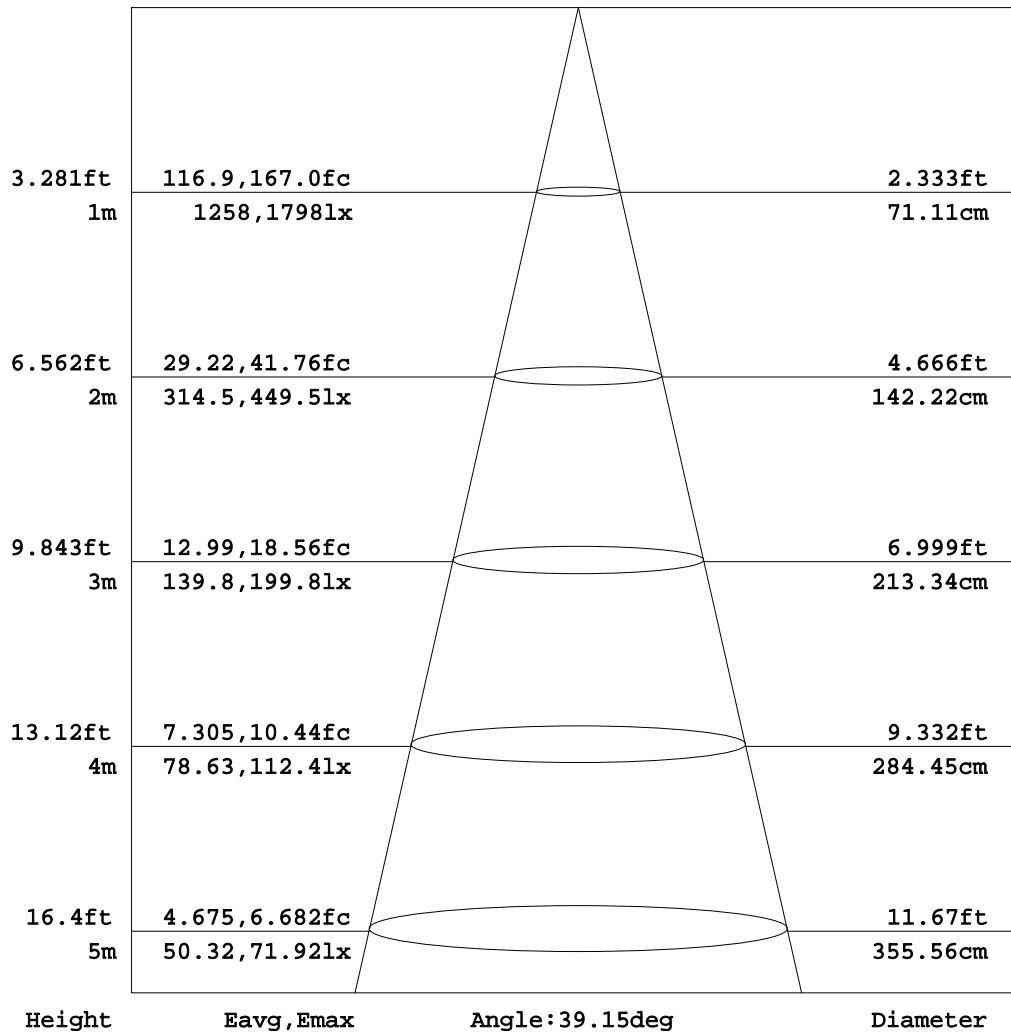
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-05-13

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:0.0715A P:14.34W PF:0.9145 Lamp Flux:960.712x1 lm		
NAME: S100S2-13W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		

Flux out:523.6 lm



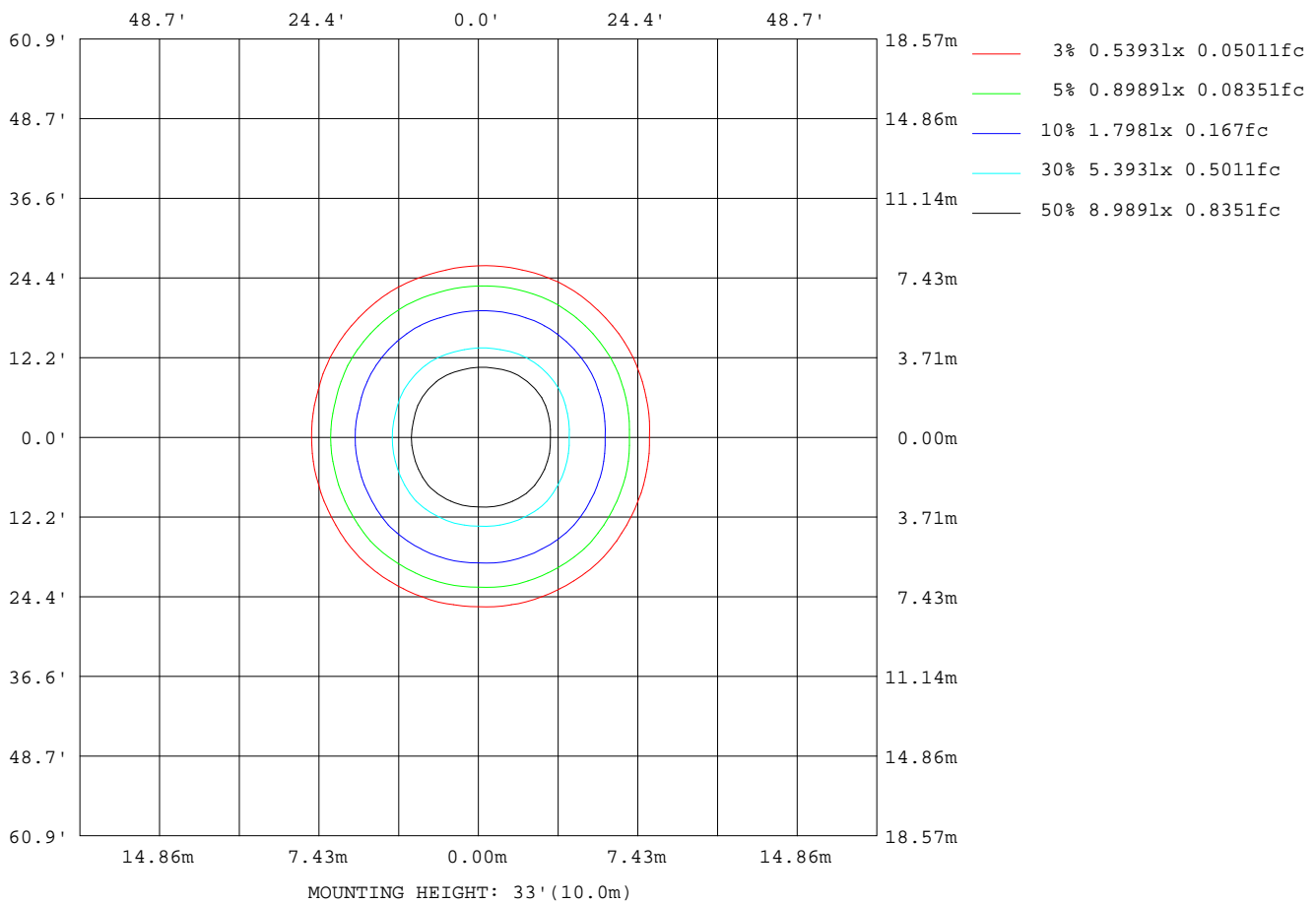
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

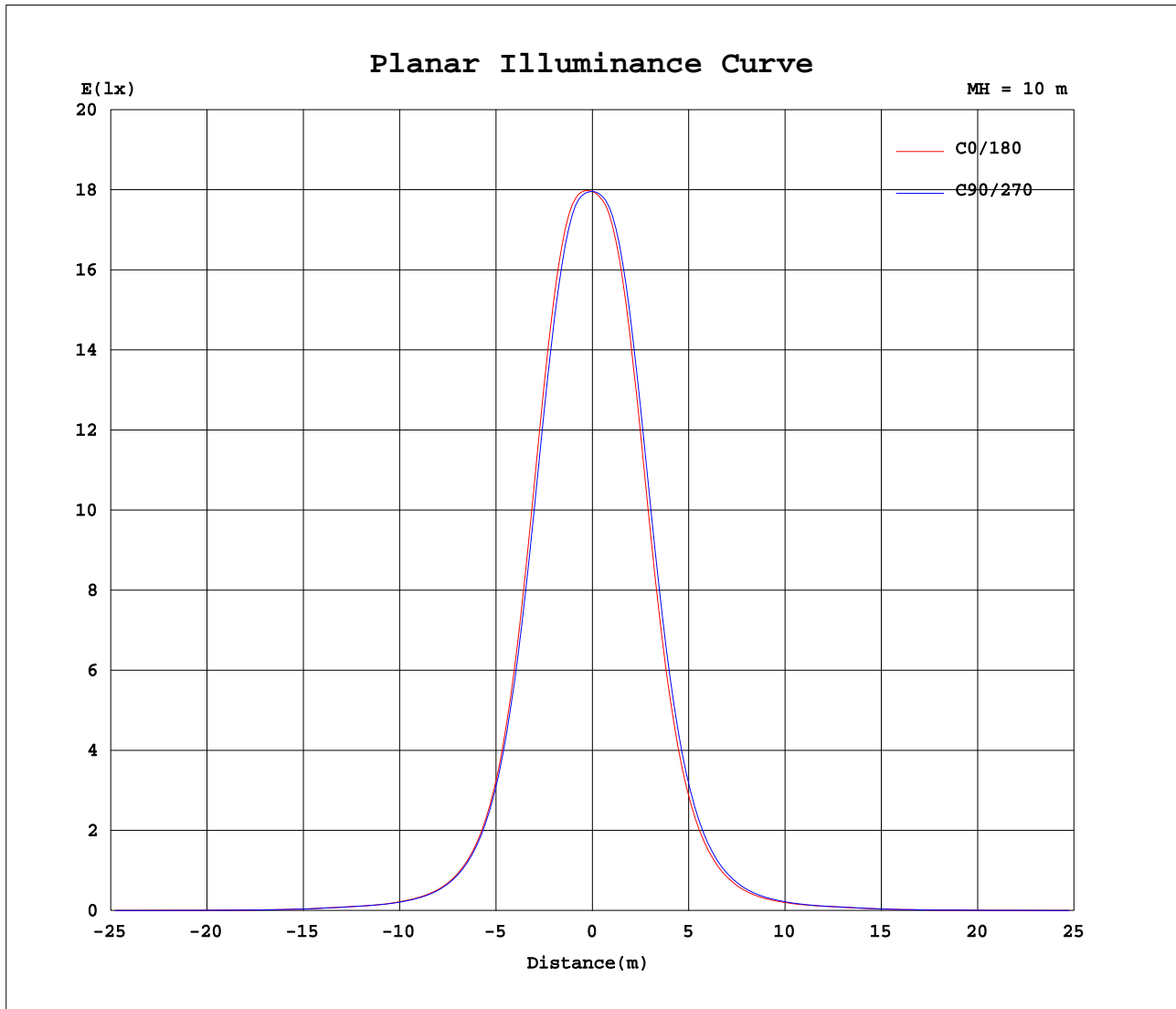
Test:U:220.7V I:0.0715A P:14.34W PF:0.9145 Lamp Flux:960.712x1 lm		
NAME: S100S2-13W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		



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	1796	1797	1797	1797	1797	1797	1796	1797	1796	1797
3.0	1803	1804	1804	1802	1800	1797	1794	1793	1791	1788
6.0	1791	1794	1793	1792	1783	1775	1765	1761	1757	1754
9.0	1722	1731	1731	1730	1709	1693	1672	1669	1663	1662
12.0	1577	1591	1596	1599	1567	1542	1511	1510	1502	1503
15.0	1362	1383	1391	1398	1362	1330	1291	1291	1286	1287
18.0	1105	1129	1143	1157	1118	1081	1039	1042	1040	1043
21.0	840.6	865.4	885.6	903.8	866.3	829.6	791.6	796.3	796.4	800.5
24.0	612.0	630.6	648.4	671.2	641.2	610.0	578.8	582.3	583.7	587.1
27.0	430.2	445.4	461.1	478.3	455.3	434.7	411.7	413.6	413.7	416.5
30.0	300.6	310.7	319.9	332.4	317.7	305.8	289.1	290.4	289.3	291.2
33.0	210.4	216.4	221.2	228.9	220.6	213.7	202.8	203.0	201.7	203.0
36.0	148.6	152.7	154.6	159.5	154.3	150.8	143.1	143.6	142.0	143.0
39.0	107.2	109.0	110.1	112.7	109.8	107.4	103.0	102.8	101.7	101.8
42.0	80.37	80.22	80.14	81.65	79.88	79.05	77.10	75.88	74.30	73.86
45.0	62.17	61.70	59.73	60.86	59.76	61.43	59.66	59.45	55.88	54.79
48.0	49.28	48.67	46.93	47.01	47.76	48.45	48.06	47.06	44.34	42.40
51.0	41.80	39.98	37.90	36.98	38.85	40.59	41.17	39.81	35.58	33.25
54.0	33.69	32.01	28.53	28.80	29.58	32.30	32.93	31.79	27.01	25.95
57.0	21.53	20.59	20.18	21.62	20.96	21.17	21.11	20.38	19.01	19.71
60.0	14.28	12.44	11.91	14.64	12.23	12.53	13.85	11.88	11.17	13.81
63.0	9.806	6.694	6.526	9.335	6.403	6.187	9.008	6.370	5.387	8.882
66.0	5.670	2.357	2.663	5.060	2.547	2.041	4.628	1.670	2.061	4.667
69.0	2.555	1.046	1.192	2.156	0.9725	0.9695	1.940	0.9518	1.086	1.800
72.0	0.8279	0.5652	0.6731	0.7855	0.5766	0.5871	0.8223	0.5129	0.6467	0.7723
75.0	0.3622	0.2466	0.3291	0.3338	0.2983	0.2749	0.3624	0.2334	0.3203	0.3031
78.0	0.0839	0.0632	0.1209	0.0806	0.1186	0.0589	0.0512	0.0415	0.1035	0.0632
81.0	0.0459	0.0372	0.0350	0.0350	0.0350	0.0372	0.0481	0.0394	0.0350	0.0328
84.0	0.0437	0.0372	0.0350	0.0350	0.0350	0.0372	0.0416	0.0394	0.0350	0.0350
87.0	0.0415	0.0437	0.0350	0.0350	0.0350	0.0372	0.0394	0.0394	0.0350	0.0372
90.0	0.0415	0.0415	0.0350	0.0350	0.0350	0.0350	0.0394	0.0394	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	1797	1796	1797	1797	1797	1797	1797	1796	1797	1797
3.0	1784	1784	1781	1781	1783	1784	1787	1788	1791	1794
6.0	1744	1739	1738	1737	1746	1748	1754	1756	1763	1768
9.0	1643	1633	1632	1630	1649	1655	1668	1663	1676	1687
12.0	1474	1456	1455	1457	1486	1496	1513	1502	1519	1536
15.0	1251	1231	1228	1228	1268	1282	1298	1283	1302	1325
18.0	1003	979.0	974.3	975.7	1021	1040	1055	1034	1052	1079
21.0	761.2	738.5	733.1	734.2	777.0	797.5	809.4	787.4	803.2	829.4
24.0	554.4	537.0	533.5	533.8	566.5	586.3	593.8	575.6	589.0	613.1
27.0	393.2	382.9	380.8	380.4	402.9	415.3	422.8	410.3	421.6	437.4
30.0	275.4	270.0	269.5	268.5	282.9	290.3	295.9	289.5	298.2	309.2
33.0	192.8	189.7	190.1	189.5	198.3	202.8	207.1	204.3	211.0	218.7
36.0	135.9	135.0	135.6	134.3	142.4	142.9	146.6	145.3	150.6	155.9
39.0	97.27	96.24	96.77	96.80	100.3	102.7	104.9	105.2	108.4	113.0
42.0	70.75	71.30	72.51	71.87	73.40	75.30	76.89	77.73	80.99	83.73
45.0	53.13	55.85	57.14	56.12	55.64	56.42	58.00	59.88	62.49	64.56
48.0	42.76	44.70	46.56	45.40	44.96	44.23	45.85	47.41	49.56	50.56
51.0	34.17	37.22	40.16	38.03	36.51	35.01	37.28	39.08	41.60	41.82
54.0	26.32	29.38	32.18	30.30	27.93	27.28	28.50	31.35	34.15	33.85
57.0	18.30	18.44	21.25	19.40	19.73	20.48	20.72	19.95	21.77	21.88
60.0	10.93	11.25	14.11	12.12	11.64	13.83	12.46	11.79	14.16	12.96
63.0	5.564	5.414	9.210	5.916	6.263	8.910	6.371	5.412	9.478	8.298
66.0	2.225	1.869	4.552	1.889	2.561	4.837	2.550	1.721	5.619	2.372
69.0	1.153	0.9866	1.778	1.045	1.205	1.961	1.135	0.9504	2.386	1.003
72.0	0.6229	0.5062	0.6780	0.5392	0.6783	0.8638	0.6434	0.5521	0.7940	0.6286
75.0	0.2744	0.2006	0.2590	0.2282	0.3051	0.3839	0.3030	0.2414	0.3682	0.3027
78.0	0.0727	0.0350	0.0787	0.0463	0.0652	0.0815	0.0739	0.0638	0.0687	0.0858
81.0	0.0350	0.0350	0.0284	0.0350	0.0262	0.0328	0.0262	0.0372	0.0284	0.0394
84.0	0.0350	0.0350	0.0284	0.0328	0.0262	0.0284	0.0262	0.0328	0.0262	0.0328
87.0	0.0350	0.0350	0.0284	0.0306	0.0284	0.0284	0.0262	0.0306	0.0262	0.0306
90.0	0.0350	0.0350	0.0284	0.0284	0.0284	0.0284	0.0284	0.0284	0.0262	0.0306

G/C	300.0	315.0	330.0	345.0
0.0	1796	1797	1797	1797
3.0	1796	1798	1801	1803
6.0	1779	1786	1792	1794
9.0	1713	1725	1736	1731
12.0	1580	1598	1610	1593
15.0	1382	1402	1414	1388
18.0	1141	1164	1175	1137
21.0	887.6	909.3	915.5	874.0

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	656.2	673.3	675.2	640.4
27.0	467.9	478.8	478.1	450.5
30.0	328.5	333.0	331.8	313.5
33.0	230.2	231.2	230.3	218.7
36.0	163.3	162.8	162.1	154.5
39.0	117.4	116.9	116.0	111.6
42.0	86.30	85.81	85.26	82.71
45.0	64.99	64.09	64.30	63.56
48.0	50.92	49.58	50.31	50.44
51.0	41.71	39.52	41.04	41.25
54.0	31.88	30.79	31.04	32.84
57.0	22.59	22.94	22.11	21.31
60.0	13.11	15.21	13.17	12.83
63.0	6.918	9.655	7.301	7.124
66.0	3.025	5.329	3.203	2.713
69.0	1.185	2.469	1.284	1.178
72.0	0.6741	0.9124	0.7504	0.6268
75.0	0.3227	0.4297	0.3511	0.3068
78.0	0.0935	0.1210	0.1240	0.1032
81.0	0.0284	0.0351	0.0263	0.0372
84.0	0.0284	0.0262	0.0306	0.0328
87.0	0.0284	0.0262	0.0306	0.0350
90.0	0.0284	0.0306	0.0306	0.0372

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: