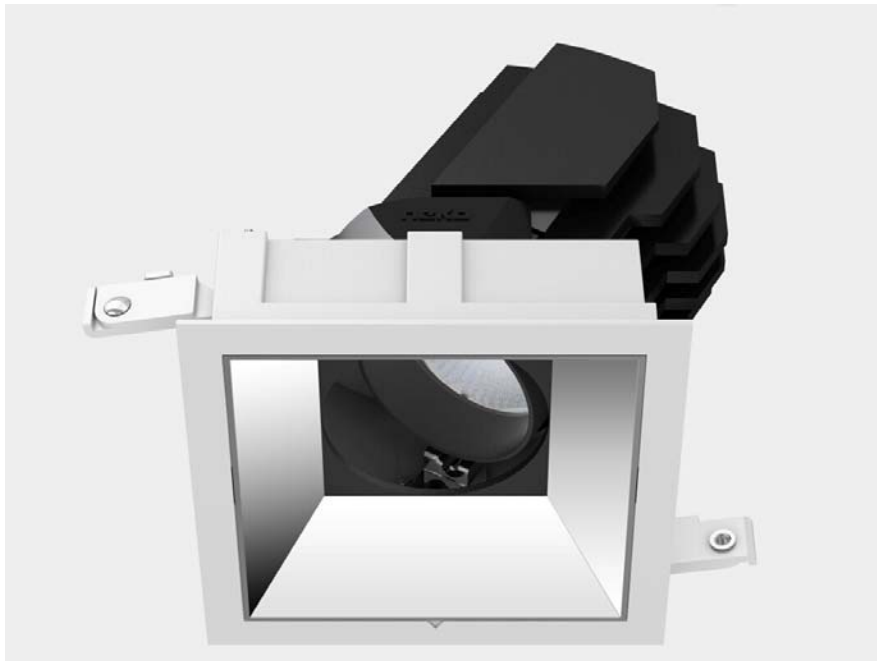


LED Downlight SENSE Series S100S1-13W-930-M



Light Output Ratio:	100.0%	
Luminaire Power:	14.29 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

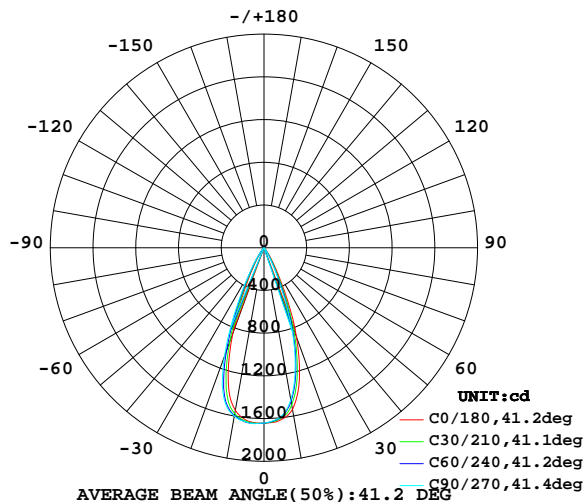
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

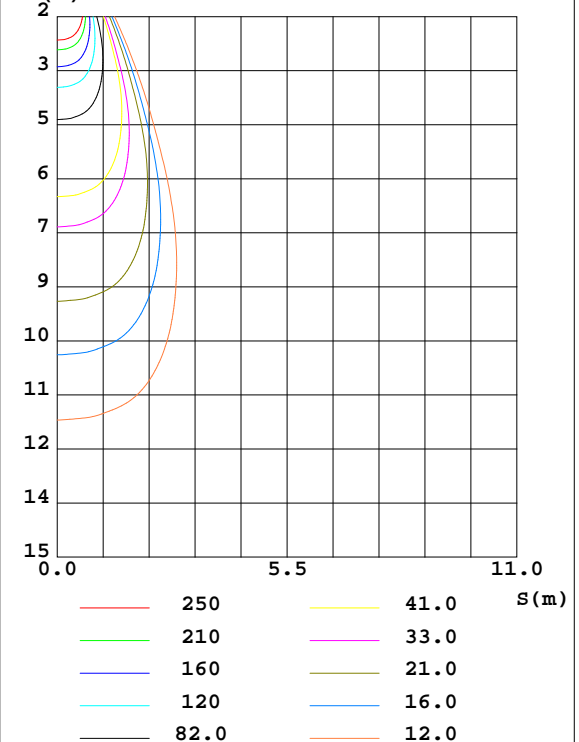
Test:U:220.7V I:0.0708A P:14.29W PF:0.9139 Lamp Flux:774.517x1 lm		
NAME: S100S1-13W-930-M	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 54.22 lm/W			
MODEL	CITIZEN-3000K	I _{max} (cd)	1650	S/MH(C0/180)	0.62
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.67
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	774.52	η UP,DN(C0-180)	0.0,44.6
NOMINAL FLUX(lm)	774.517	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,55.4
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	0.65

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



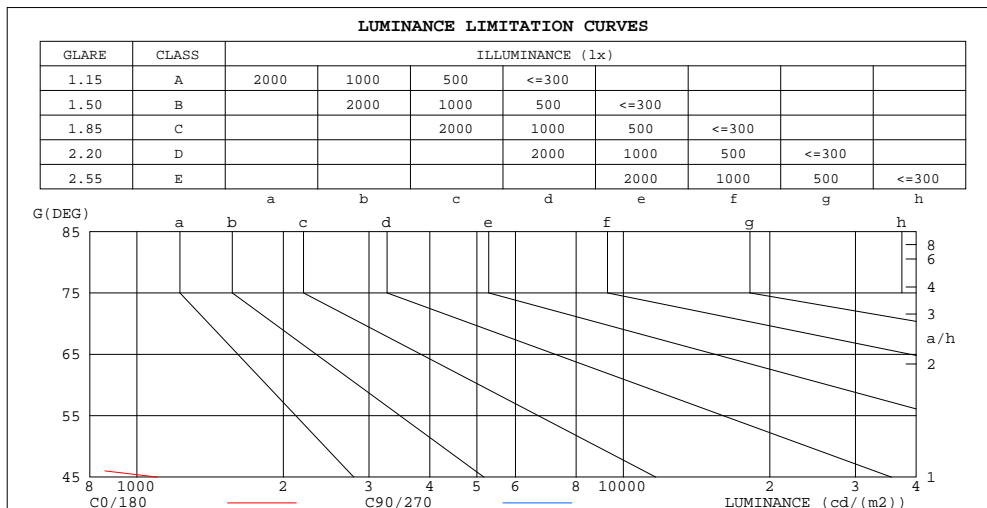
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-05-13

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	1537	1483	1447	1479	1547	1586	1601	1582	0- 10	152.3	152.3	19.7,19.7
20	892.0	784.5	706.9	738.9	857.5	975.6	1084	1038	10- 20	347.7	500.1	64.6,64.6
30	199.7	146.5	115.6	136.3	183.8	224.7	263.0	253.2	20- 30	212.4	712.5	92,92
40	28.20	20.11	14.52	19.34	25.74	34.25	37.76	38.37	30- 40	52.02	764.5	98.7,98.7
50	2.342	3.250	1.619	2.846	2.342	4.987	3.369	5.863	40- 50	8.650	773.2	99.8,99.8
60	0.2544	0.4123	0.1207	0.3250	0.1153	0.5415	0.2679	0.6901	50- 60	1.173	774.4	100,100
70	0.0744	0.0371	0.0307	0.0305	0.0197	0.0394	0.0328	0.0613	60- 70	0.1073	774.5	100,100
80	0.0219	0.0219	0.0219	0.0240	0.0175	0.0175	0.0197	0.0197	70- 80	0.0260	774.5	100,100
90	0.0306	0.0328	0.0350	0.0328	0.0175	0.0175	0.0175	0.0175	80- 90	0.0241	774.5	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	22	28
80	11	11
75	7	7
70	19	8
65	21	14
60	44	21
55	135	77
50	312	216
45	1102	529

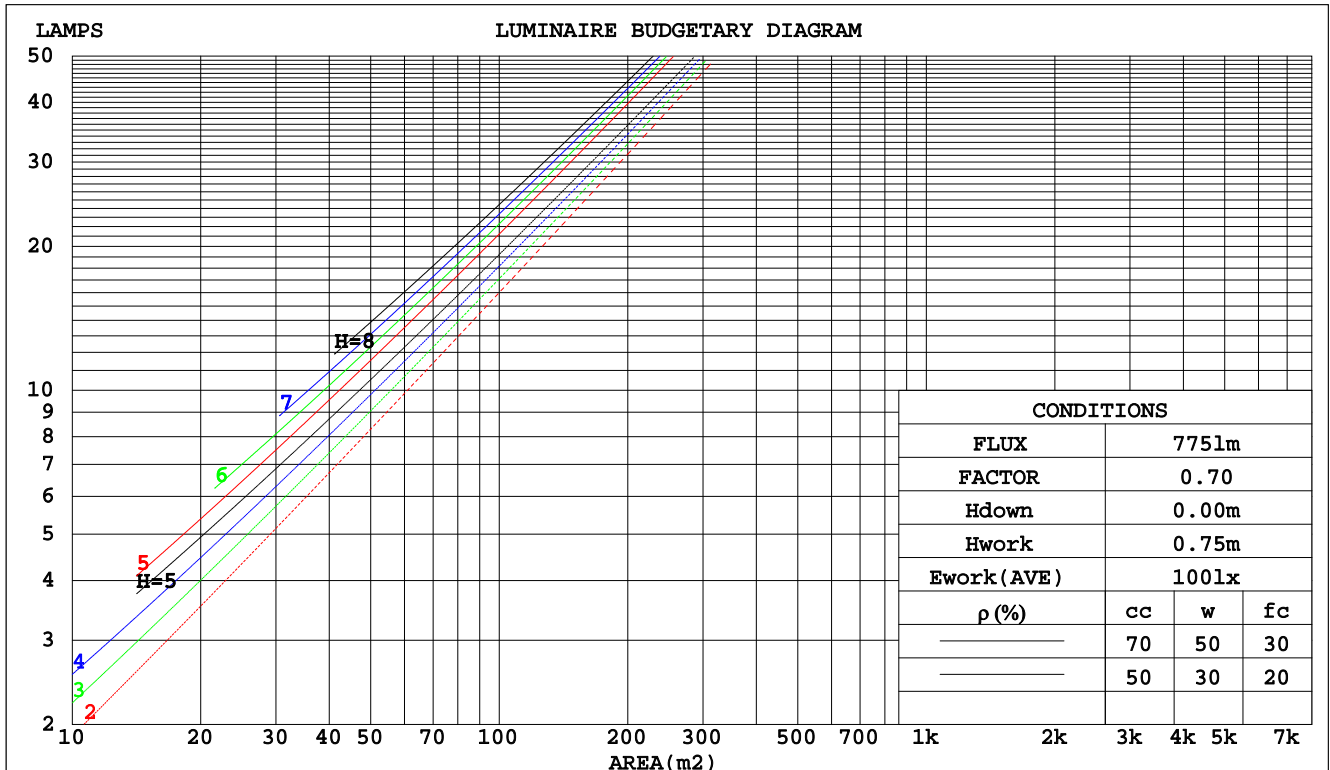
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-05-13

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:0.0708A P:14.29W PF:0.9139 Lamp Flux:774.517x1 lm		
NAME: S100S1-13W-930-M	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	1.05	1.03	1.02	1.01	1.00	.99	.98	.97	.96
2.0	1.06	1.03	.90	1.04	1.01	.99	1.01	.99	.97	.98	.96	.95	.96	.94	.93	.91
3.0	1.01	.97	.93	.99	.96	.93	.97	.94	.91	.94	.92	.90	.92	.90	.88	.87
4.0	.96	.91	.88	.95	.91	.87	.93	.89	.86	.91	.88	.85	.89	.86	.84	.83
5.0	.91	.87	.83	.90	.86	.83	.89	.85	.82	.87	.84	.81	.86	.83	.81	.79
6.0	.87	.82	.79	.87	.82	.79	.85	.81	.78	.84	.80	.78	.83	.80	.77	.76
7.0	.84	.79	.75	.83	.78	.75	.82	.78	.75	.81	.77	.74	.80	.76	.74	.73
8.0	.80	.75	.72	.80	.75	.72	.79	.74	.72	.78	.74	.71	.77	.73	.71	.70
9.0	.77	.72	.69	.76	.72	.69	.76	.71	.69	.75	.71	.68	.74	.71	.68	.67
10.0	.74	.69	.66	.74	.69	.66	.73	.69	.66	.72	.68	.66	.71	.68	.66	.64



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:0.0708A P:14.29W PF:0.9139 Lamp Flux:774.517x1 lm		
NAME: S100S1-13W-930-M	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	.151	.086	.027	.145	.082	.026	.132	.076	.024	.121	.070	.022	.110	.064	.021		
2.0	.142	.078	.024	.136	.075	.023	.126	.070	.022	.117	.065	.020	.108	.061	.019		
3.0	.134	.071	.021	.129	.069	.021	.120	.065	.020	.112	.062	.019	.105	.058	.018		
4.0	.127	.066	.019	.123	.064	.019	.115	.061	.018	.108	.058	.018	.102	.055	.017		
5.0	.120	.061	.018	.117	.060	.017	.110	.058	.017	.105	.055	.016	.099	.053	.016		
6.0	.115	.057	.016	.112	.056	.016	.106	.054	.016	.101	.052	.015	.096	.051	.015		
7.0	.109	.054	.015	.107	.053	.015	.102	.052	.015	.097	.050	.015	.093	.048	.014		
8.0	.105	.051	.014	.103	.051	.014	.098	.049	.014	.094	.048	.014	.090	.046	.014		
9.0	.101	.049	.014	.099	.048	.013	.095	.047	.013	.091	.046	.013	.088	.045	.013		
10.0	.097	.046	.013	.095	.046	.013	.092	.045	.013	.088	.044	.012	.085	.043	.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	.152	.133	.116	.130	.114	.100	.089	.079	.070	.052	.046	.041	.017	.015	.013	
3.0	.138	.113	.094	.119	.098	.081	.081	.068	.057	.047	.040	.034	.015	.013	.011	
4.0	.127	.098	.077	.109	.085	.067	.075	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.117	.086	.064	.100	.075	.055	.069	.052	.039	.040	.031	.023	.013	.010	.008	
6.0	.109	.076	.053	.093	.066	.047	.064	.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	.096	.062	.039	.082	.054	.034	.057	.038	.024	.033	.022	.014	.011	.007	.005	
9.0	.090	.057	.034	.078	.049	.030	.054	.035	.021	.031	.020	.013	.010	.007	.004	
10.0	.086	.052	.030	.074	.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:0.0708A P:14.29W PF:0.9139 Lamp Flux:774.517x1 lm		
NAME: S100S1-13W-930-M	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	6.1	6.9	6.3	7.0	7.2	3.2	4.0	3.4	4.1	4.3
3H	5.9	6.6	6.2	6.8	7.0	3.1	3.8	3.3	3.9	4.1
4H	5.9	6.5	6.1	6.7	6.9	3.0	3.6	3.2	3.8	4.1
6H	5.8	6.4	6.1	6.6	6.9	2.9	3.5	3.2	3.7	4.0
8H	5.7	6.3	6.0	6.6	6.8	2.8	3.4	3.1	3.7	3.9
12H	5.7	6.3	6.0	6.5	6.8	2.8	3.4	3.1	3.6	3.9
4H 2H	5.9	6.5	6.1	6.7	6.9	3.0	3.6	3.2	3.8	4.1
3H	5.7	6.3	6.0	6.5	6.8	2.8	3.4	3.1	3.6	3.9
4H	5.6	6.1	5.9	6.4	6.7	2.7	3.2	3.0	3.5	3.8
6H	5.5	5.9	5.9	6.3	6.6	2.6	3.1	3.0	3.4	3.7
8H	5.4	5.9	5.8	6.2	6.6	2.5	3.0	2.9	3.3	3.7
12H	5.4	5.8	5.8	6.1	6.5	2.5	2.9	2.9	3.3	3.6
8H 4H	5.4	5.9	5.8	6.2	6.6	2.5	3.0	2.9	3.3	3.7
6H	5.3	5.7	5.7	6.1	6.5	2.4	2.8	2.9	3.2	3.6
8H	5.3	5.6	5.7	6.0	6.4	2.4	2.7	2.8	3.1	3.6
12H	5.2	5.5	5.7	5.9	6.4	2.3	2.6	2.8	3.0	3.5
12H 4H	5.4	5.8	5.8	6.1	6.5	2.5	2.9	2.9	3.3	3.6
6H	5.3	5.6	5.7	6.0	6.4	2.4	2.7	2.8	3.1	3.6
8H	5.2	5.5	5.7	5.9	6.4	2.3	2.6	2.8	3.0	3.5
Variations with the observer position at spacings:										
S = 1.0H	+ 4.6 / -19.2					+ 3.4 / -18.5				
1.5H	+ 7.1 / -13.8					+ 5.9 / -11.8				
2.0H	+ 7.6 / -15.1					+ 6.1 / -14.0				

CIE Pub.117 Corrected 774.5 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.9)

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:0.0708A P:14.29W PF:0.9139 Lamp Flux:774.517x1 lm		
NAME: S100S1-13W-930-M	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) $k(RI) \times RCR = 5$									
$k = 0.60$	91	85	82	90	85	82	90	85	81	78
0.80	98	93	89	97	92	89	96	92	89	85
1.00	102	97	93	101	96	93	99	96	93	89
1.25	105	100	97	104	100	97	102	99	96	92
1.50	108	103	100	106	103	100	104	101	99	95
2.00	110	106	103	108	105	102	106	103	101	96
2.50	111	108	105	110	107	104	107	104	102	97
3.00	113	110	107	111	108	106	108	105	104	98
4.00	114	112	110	112	110	109	109	107	106	99
5.00	116	114	112	114	112	110	110	108	107	100
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:0.0708A P:14.29W PF:0.9139 Lamp Flux:774.517x1 lm		
NAME: S100S1-13W-930-M	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

770.85 lm

%lum = 99.5%

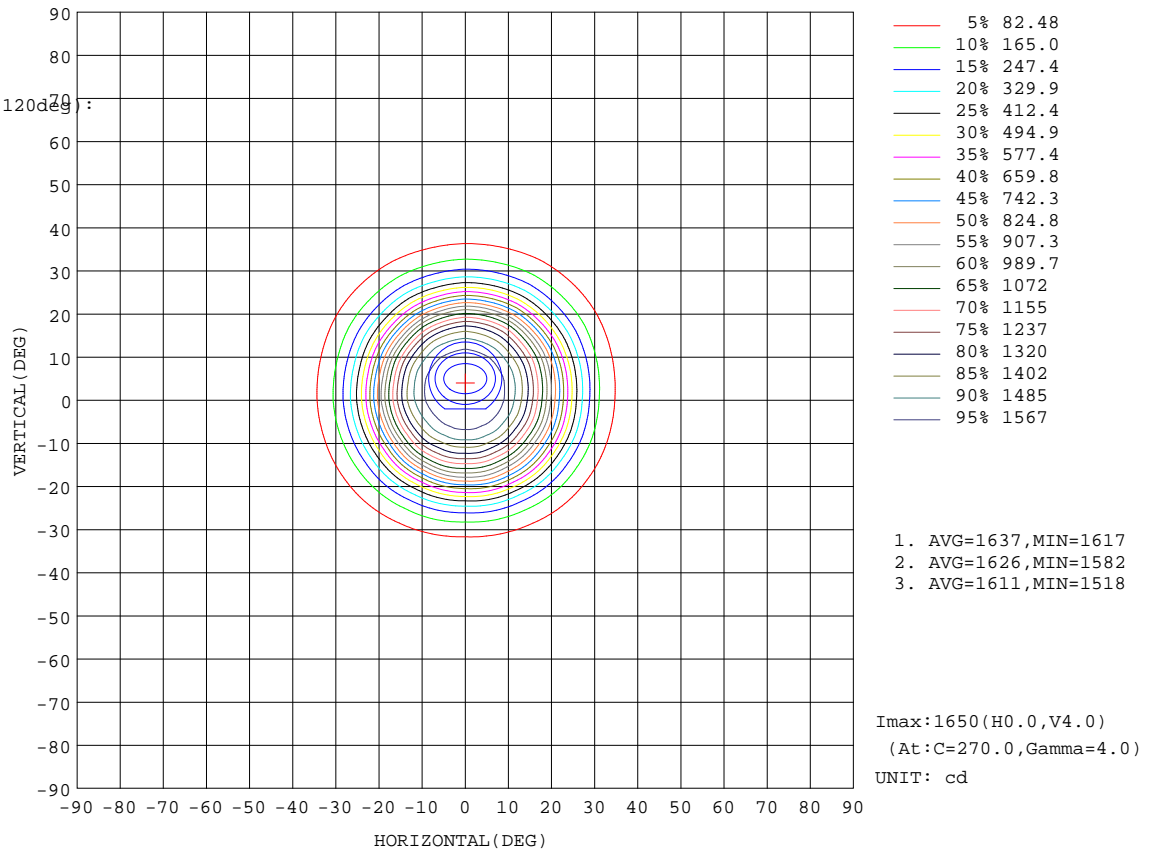
%lamp = 99.5%

Conical surface Flux(120deg):

774.36 lm

%lum = 100.0%

%lamp = 100.0%



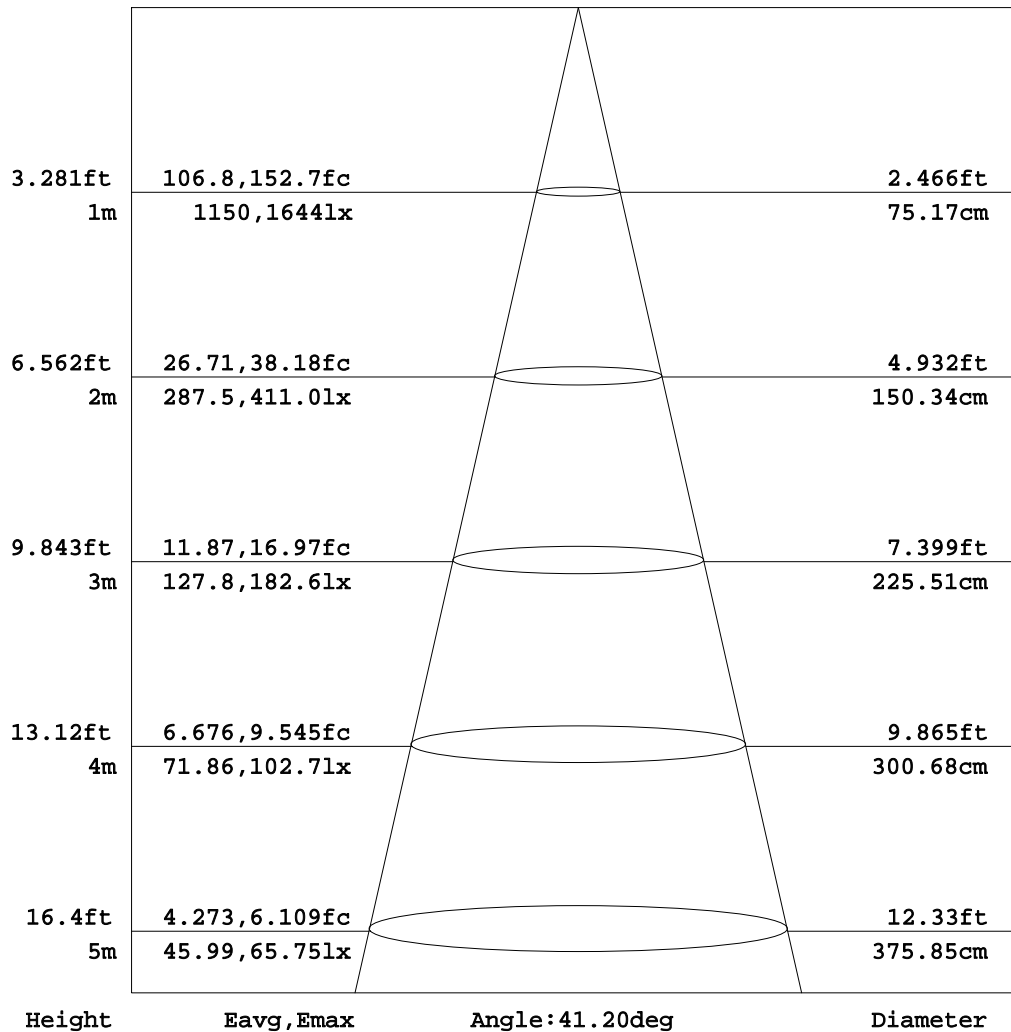
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-05-13

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:

AAI Figure

Test:U:220.7V I:0.0708A P:14.29W PF:0.9139 Lamp Flux:774.517x1 lm		
NAME: S100S1-13W-930-M	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		

Flux out:532.3 lm



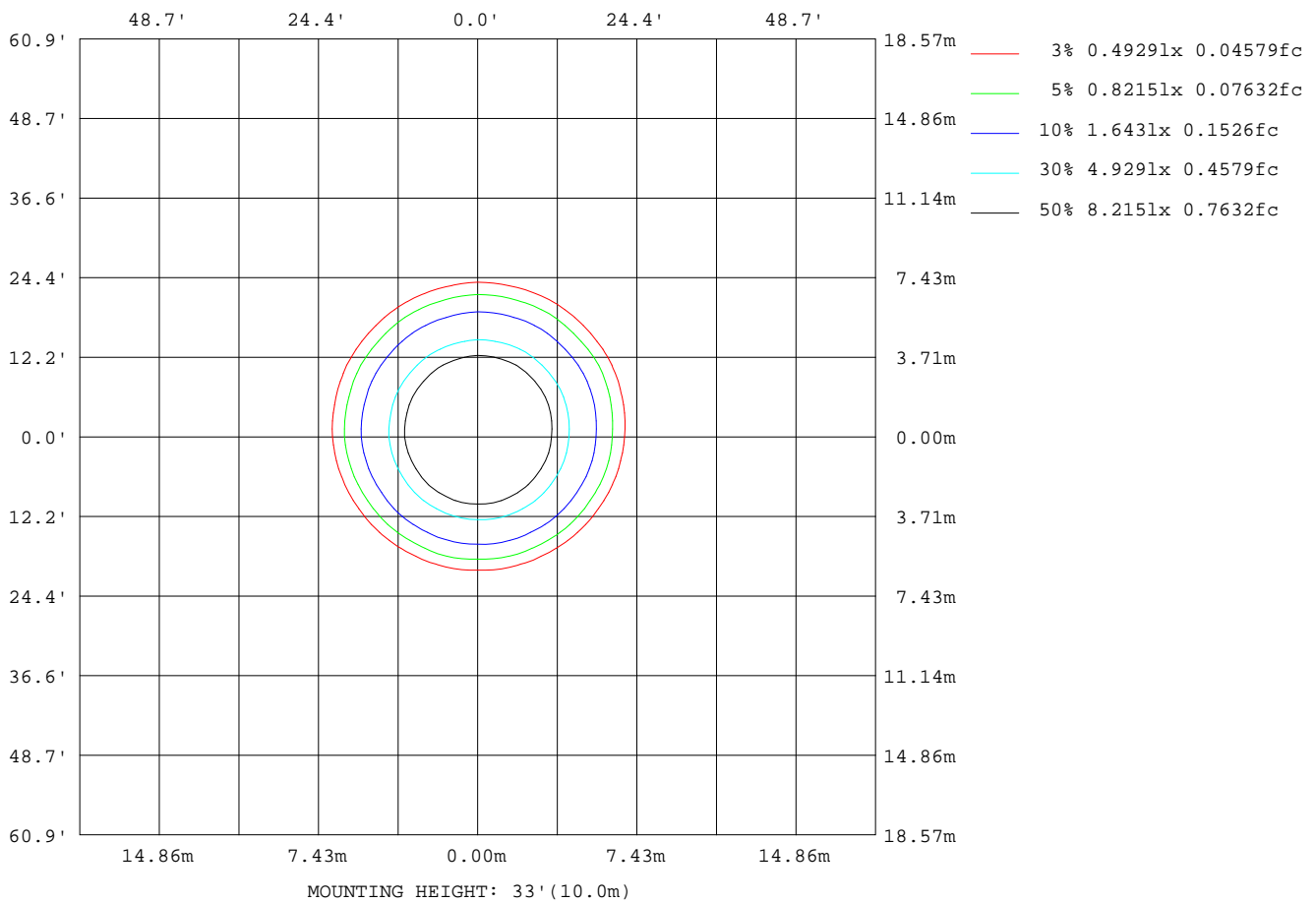
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

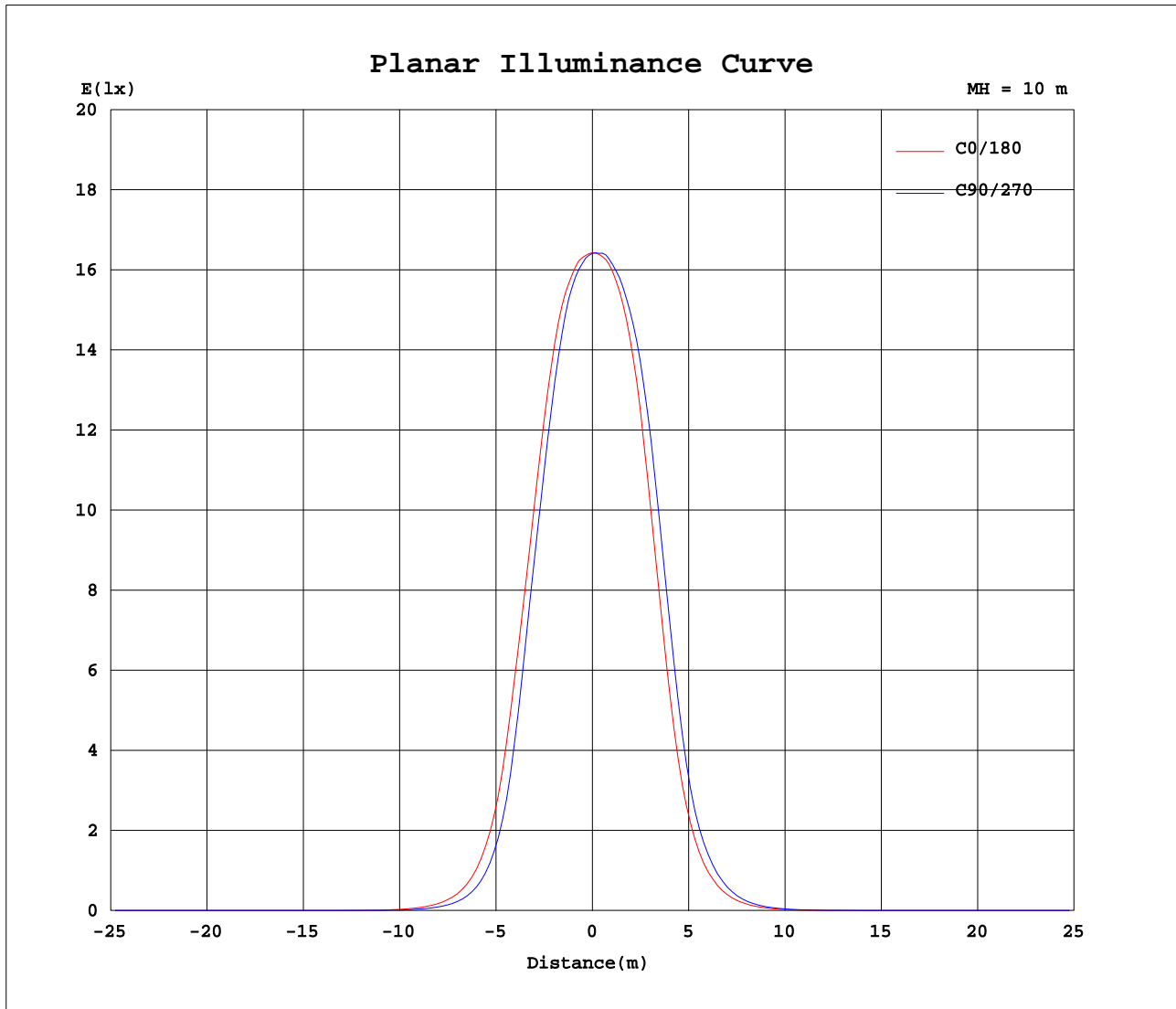
Test:U:220.7V I:0.0708A P:14.29W PF:0.9139 Lamp Flux:774.517x1 lm		
NAME: S100S1-13W-930-M	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		



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

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	1643	1643	1643	1643	1642	1642	1641	1641	1641	1640
3.0	1637	1635	1631	1630	1626	1625	1622	1624	1625	1629
6.0	1614	1609	1601	1596	1590	1588	1583	1587	1589	1596
9.0	1566	1551	1534	1522	1504	1500	1492	1499	1502	1520
12.0	1455	1432	1398	1383	1356	1353	1339	1351	1355	1384
15.0	1280	1252	1208	1186	1156	1150	1132	1146	1157	1188
18.0	1055	1023	976.6	951.2	920.1	913.8	896.0	902.0	899.6	930.8
21.0	807.9	775.4	725.5	699.7	659.0	640.8	611.8	613.7	614.0	645.1
24.0	551.9	516.6	470.7	441.1	402.6	385.4	364.1	369.1	372.7	398.1
27.0	336.6	313.2	278.3	256.9	230.7	221.2	209.5	213.8	218.2	236.4
30.0	199.7	182.6	160.0	146.5	128.7	124.4	115.6	124.0	122.9	136.3
33.0	113.5	101.5	87.87	78.28	70.00	65.93	62.89	64.83	67.88	74.61
36.0	63.14	56.52	48.52	43.15	38.02	35.31	33.68	35.14	37.29	41.40
39.0	34.69	31.28	27.30	24.27	21.25	19.67	18.05	19.20	20.84	23.30
42.0	18.44	17.12	15.43	13.98	12.10	10.48	9.332	10.07	11.67	13.32
45.0	9.091	8.860	8.705	8.098	6.705	5.282	4.359	5.074	6.324	7.589
48.0	3.897	4.285	4.721	4.720	3.599	2.482	2.134	2.382	3.308	4.283
51.0	2.026	1.991	2.450	2.656	1.840	1.485	1.380	1.476	1.717	2.311
54.0	1.154	1.203	1.321	1.419	1.080	0.8294	0.6693	0.7966	1.039	1.280
57.0	0.5460	0.5827	0.7409	0.8099	0.5919	0.3819	0.3049	0.3534	0.5351	0.7246
60.0	0.2544	0.2683	0.3574	0.4123	0.2851	0.1548	0.1207	0.1242	0.2347	0.3250
63.0	0.1184	0.1047	0.1646	0.1767	0.1251	0.0568	0.0744	0.0481	0.0901	0.1220
66.0	0.0984	0.0721	0.0811	0.0698	0.0700	0.0415	0.0656	0.0437	0.0547	0.0372
69.0	0.0809	0.0611	0.0700	0.0415	0.0547	0.0328	0.0438	0.0283	0.0481	0.0328
72.0	0.0418	0.0283	0.0547	0.0327	0.0351	0.0197	0.0241	0.0197	0.0263	0.0218
75.0	0.0219	0.0197	0.0198	0.0197	0.0219	0.0197	0.0219	0.0197	0.0197	0.0197
78.0	0.0219	0.0197	0.0197	0.0219	0.0219	0.0219	0.0219	0.0219	0.0197	0.0197
81.0	0.0219	0.0219	0.0197	0.0219	0.0219	0.0241	0.0219	0.0241	0.0197	0.0219
84.0	0.0219	0.0262	0.0197	0.0262	0.0219	0.0241	0.0219	0.0263	0.0197	0.0241
87.0	0.0219	0.0285	0.0240	0.0284	0.0241	0.0328	0.0306	0.0306	0.0240	0.0285
90.0	0.0306	0.0306	0.0306	0.0328	0.0306	0.0350	0.0350	0.0350	0.0350	0.0328

G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	1640	1640	1643	1643	1643	1643	1642	1642	1641	1641
3.0	1630	1634	1640	1642	1645	1646	1648	1649	1649	1646
6.0	1600	1610	1622	1627	1633	1636	1643	1643	1640	1639
9.0	1531	1552	1573	1585	1598	1601	1609	1615	1617	1610
12.0	1402	1434	1474	1497	1524	1536	1552	1556	1564	1557
15.0	1202	1248	1293	1323	1371	1395	1433	1442	1453	1442
18.0	944.2	988.9	1045	1074	1129	1165	1213	1233	1260	1254
21.0	662.5	706.4	760.7	790.6	845.3	878.3	931.6	954.5	988.9	985.7
24.0	416.5	452.8	497.8	525.1	566.5	592.1	635.6	654.8	689.1	687.3
27.0	250.7	276.6	308.2	324.6	353.6	368.4	398.8	407.2	430.3	431.0
30.0	145.4	163.2	183.8	195.7	214.5	224.7	242.4	249.5	263.0	263.1
33.0	82.68	93.27	106.0	113.7	127.3	131.1	144.4	147.4	155.8	155.5
36.0	45.96	52.15	59.52	64.41	71.36	74.95	80.86	83.24	87.80	87.78
39.0	25.61	28.49	32.16	35.17	39.58	41.80	44.82	44.75	46.90	47.05
42.0	14.27	14.69	16.18	18.27	21.89	23.21	24.50	23.51	23.97	24.77
45.0	7.720	7.219	7.344	8.821	11.77	12.93	13.45	12.04	11.98	12.68
48.0	4.025	3.258	3.165	3.856	6.101	7.347	7.285	6.079	5.613	6.316
51.0	2.024	1.877	1.994	2.181	2.994	4.091	3.838	2.892	2.813	2.956
54.0	1.194	0.9973	0.9814	1.188	1.672	2.150	1.975	1.680	1.638	1.732
57.0	0.6075	0.4188	0.4052	0.5042	0.8636	1.189	1.064	0.7520	0.6890	0.7914
60.0	0.2545	0.1329	0.1153	0.1755	0.3661	0.5415	0.4686	0.3069	0.2679	0.3310
63.0	0.0901	0.0372	0.0371	0.0592	0.1175	0.2106	0.1741	0.1032	0.0741	0.1229
66.0	0.0503	0.0306	0.0328	0.0503	0.0371	0.0768	0.0415	0.0612	0.0415	0.0678
69.0	0.0437	0.0262	0.0240	0.0437	0.0306	0.0437	0.0328	0.0503	0.0350	0.0569
72.0	0.0263	0.0197	0.0175	0.0219	0.0175	0.0329	0.0218	0.0307	0.0197	0.0394
75.0	0.0197	0.0197	0.0175	0.0175	0.0175	0.0241	0.0175	0.0197	0.0197	0.0219
78.0	0.0197	0.0197	0.0175	0.0175	0.0175	0.0175	0.0175	0.0197	0.0197	0.0219
81.0	0.0197	0.0219	0.0175	0.0175	0.0175	0.0175	0.0175	0.0197	0.0197	0.0219
84.0	0.0197	0.0263	0.0175	0.0175	0.0175	0.0175	0.0175	0.0197	0.0197	0.0219
87.0	0.0262	0.0284	0.0175	0.0175	0.0175	0.0175	0.0175	0.0197	0.0175	0.0219
90.0	0.0328	0.0350	0.0175	0.0175	0.0175	0.0175	0.0175	0.0175	0.0175	0.0197

G/C	300.0	315.0	330.0	345.0
0.0	1641	1640	1640	1640
3.0	1645	1643	1639	1637
6.0	1637	1630	1626	1619
9.0	1608	1598	1592	1577
12.0	1551	1531	1513	1486
15.0	1428	1395	1370	1323
18.0	1241	1198	1167	1107
21.0	985.9	947.8	918.9	861.9

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	693.0	662.2	643.7	596.1
27.0	435.1	415.4	402.0	370.5
30.0	266.2	253.2	245.1	223.6
33.0	157.4	148.5	147.7	129.0
36.0	88.73	83.89	80.81	72.26
39.0	48.65	46.73	45.57	40.00
42.0	26.62	26.22	25.30	21.74
45.0	14.75	14.85	14.12	11.09
48.0	8.035	8.468	7.590	5.301
51.0	4.215	4.840	3.862	2.305
54.0	2.099	2.542	1.873	1.391
57.0	1.174	1.310	1.056	0.6816
60.0	0.5559	0.6901	0.5234	0.3264
63.0	0.2331	0.3048	0.2354	0.1447
66.0	0.0762	0.1337	0.0894	0.0941
69.0	0.0415	0.0679	0.0590	0.0766
72.0	0.0306	0.0547	0.0415	0.0570
75.0	0.0197	0.0329	0.0218	0.0197
78.0	0.0197	0.0197	0.0175	0.0197
81.0	0.0197	0.0197	0.0175	0.0197
84.0	0.0197	0.0197	0.0175	0.0197
87.0	0.0197	0.0197	0.0175	0.0197
90.0	0.0197	0.0175	0.0175	0.0197

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: