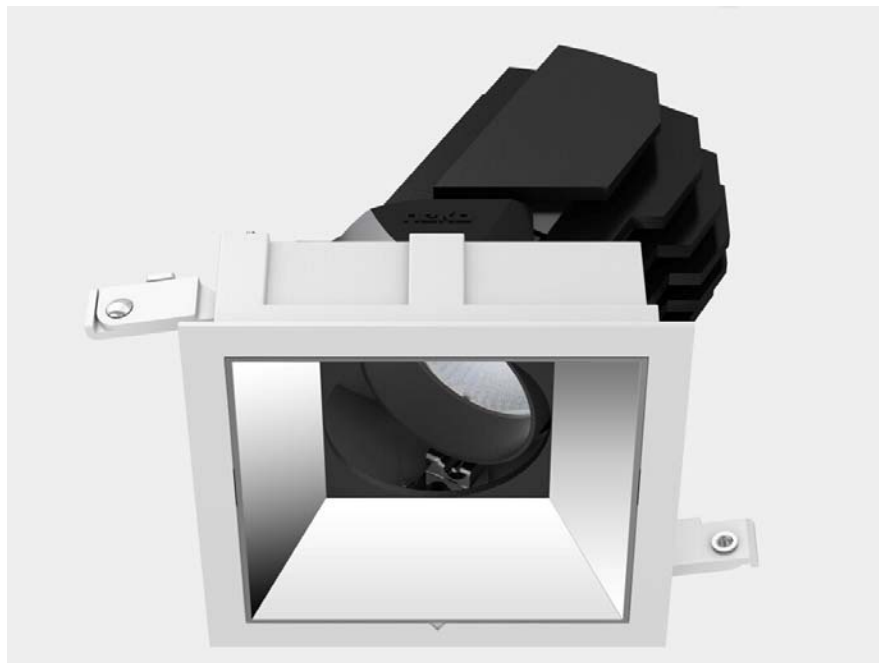


LED Downlight SENSE Series S100S1-13W-940-N



Light Output Ratio:	100.0%	
Luminaire Power:	14.56 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	1.00	fine grid method.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-07-19

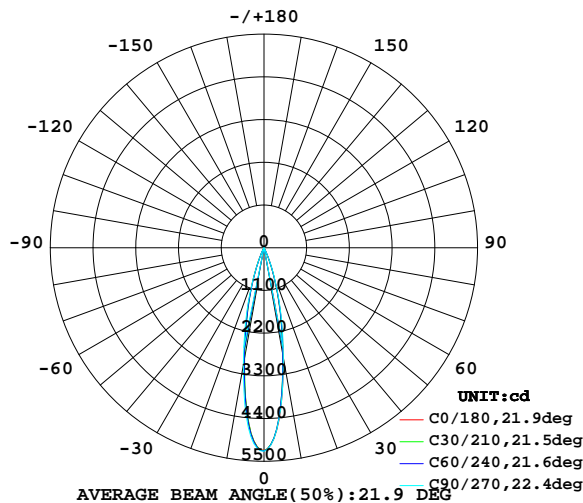
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

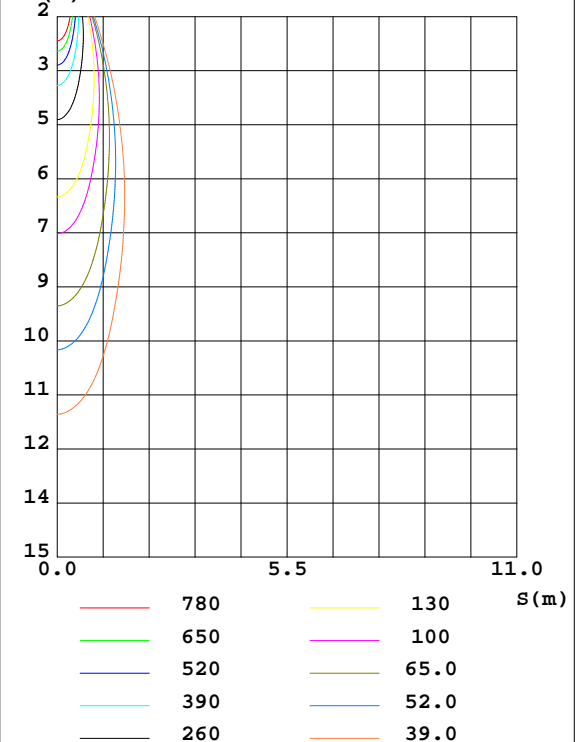
Test:U:220.5V I:0.0685A P:14.56W PF:0.9651 Lamp Flux:944.732x1 lm		
NAME: S100S1-13W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 64.89 lm/W			
MODEL	CITIZEN-4000K	I <sub>max</sub> (cd)	5252	S/MH(C0/180)	0.38
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.39
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	944.73	η UP,DN(C0-180)	0.0,49.4
NOMINAL FLUX(lm)	944.732	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.6
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



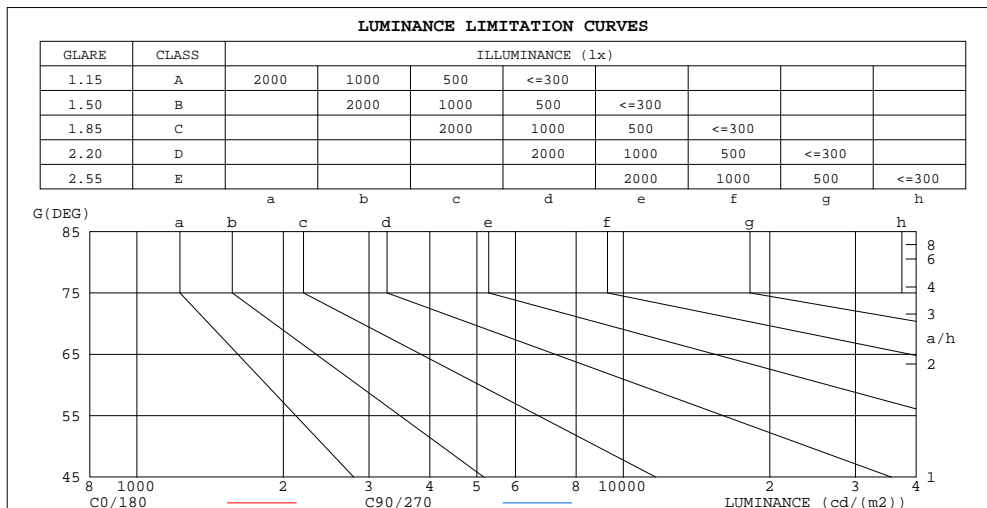
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-07-19

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	2857	2818	2874	2988	2934	2842	3067	3108	0- 10	378.4	378.4	40.1,40.1
20	656.2	672.8	702.8	766.2	734.3	666.0	719.0	736.5	10- 20	447.7	826.1	87.4,87.4
30	29.19	28.81	33.58	40.79	33.83	28.01	35.06	36.77	20- 30	104.6	930.8	98.5,98.5
40	6.753	7.088	7.290	9.442	7.764	7.395	7.749	8.319	30- 40	9.768	940.5	99.6,99.6
50	0.6782	1.681	0.6279	2.898	1.332	2.100	1.267	2.439	40- 50	3.101	943.6	99.9,99.9
60	0.2034	0.1442	0.2385	0.8633	0.8284	0.5162	0.5116	0.4770	50- 60	0.6817	944.3	100,100
70	0.0790	0.0742	0.0636	0.1438	0.1149	0.3218	0.1476	0.1885	60- 70	0.3379	944.6	100,100
80	0.0328	0.0328	0.0415	0.0394	0.0328	0.0284	0.0328	0.0262	70- 80	0.0533	944.7	100,100
90	0.0328	0.0372	0.0372	0.0394	0.0306	0.0284	0.0262	0.0262	80- 90	0.0369	944.7	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	32	39
80	16	21
75	11	14
70	20	16
65	32	29
60	35	41
55	46	54
50	90	84
45	359	361

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-07-19

$\gamma$  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:

```

WEC AND CCEC

Test:U:220.5V I:0.0685A P:14.56W PF:0.9651 Lamp Flux:944.732x1 lm		
NAME: S100S1-13W-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	.129	.073	.023	.123	.070	.022	.110	.063	.020	.099	.057	.018	.088	.051	.017	
2.0	.119	.065	.020	.113	.062	.019	.103	.057	.018	.094	.053	.016	.085	.048	.015	
3.0	.110	.059	.018	.106	.057	.017	.097	.053	.016	.089	.049	.015	.082	.046	.014	
4.0	.103	.053	.016	.099	.052	.015	.092	.049	.015	.085	.046	.014	.079	.043	.013	
5.0	.097	.049	.014	.093	.048	.014	.087	.046	.013	.082	.043	.013	.077	.041	.012	
6.0	.091	.046	.013	.088	.045	.013	.083	.043	.012	.079	.041	.012	.074	.039	.012	
7.0	.086	.043	.012	.084	.042	.012	.080	.040	.012	.075	.039	.011	.072	.037	.011	
8.0	.082	.040	.011	.080	.040	.011	.076	.038	.011	.073	.037	.011	.069	.036	.010	
9.0	.079	.038	.011	.077	.037	.011	.073	.036	.010	.070	.035	.010	.067	.034	.010	
10.0	.075	.036	.010	.074	.036	.010	.071	.035	.010	.068	.034	.010	.065	.033	.009	

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	.168	.158	.149	.144	.135	.128	.098	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.149	.133	.119	.128	.114	.103	.088	.079	.072	.050	.046	.042	.016	.015	.014	
3.0	.134	.113	.097	.115	.098	.084	.079	.068	.059	.045	.040	.035	.015	.013	.011	
4.0	.121	.098	.080	.104	.084	.070	.071	.059	.049	.041	.034	.029	.013	.011	.010	
5.0	.110	.085	.067	.094	.074	.058	.065	.052	.041	.038	.030	.024	.012	.010	.008	
6.0	.101	.075	.057	.087	.065	.049	.060	.046	.035	.035	.027	.021	.011	.009	.007	
7.0	.093	.067	.049	.080	.058	.042	.055	.041	.030	.032	.024	.018	.010	.008	.006	
8.0	.086	.060	.042	.074	.052	.037	.051	.037	.026	.030	.022	.015	.010	.007	.005	
9.0	.081	.054	.036	.069	.047	.032	.048	.033	.023	.028	.020	.013	.009	.006	.004	
10.0	.076	.049	.032	.065	.043	.028	.045	.030	.020	.026	.018	.012	.009	.006	.004	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Meng Yongjian  
 Test Date:2017-07-19

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:220.5V I:0.0685A P:14.56W PF:0.9651 Lamp Flux:944.732x1 lm										
NAME: S100S1-13W-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	-5.8	-5.2	-5.6	-5.0	-4.9	-5.4	-4.8	-5.2	-4.7	-4.5
3H	-5.9	-5.4	-5.7	-5.2	-5.0	-5.6	-5.0	-5.3	-4.8	-4.6
4H	-6.0	-5.5	-5.7	-5.3	-5.1	-5.6	-5.1	-5.4	-4.9	-4.7
6H	-6.1	-5.6	-5.8	-5.3	-5.1	-5.7	-5.2	-5.4	-5.0	-4.7
8H	-6.1	-5.6	-5.8	-5.4	-5.1	-5.7	-5.3	-5.5	-5.0	-4.8
12H	-6.2	-5.7	-5.9	-5.4	-5.2	-5.8	-5.3	-5.5	-5.1	-4.8
4H 2H	-6.0	-5.5	-5.7	-5.3	-5.1	-5.6	-5.1	-5.4	-4.9	-4.7
3H	-6.2	-5.7	-5.9	-5.4	-5.2	-5.8	-5.3	-5.5	-5.1	-4.8
4H	-6.2	-5.8	-5.9	-5.5	-5.2	-5.9	-5.4	-5.5	-5.2	-4.9
6H	-6.3	-6.0	-6.0	-5.6	-5.3	-6.0	-5.6	-5.6	-5.3	-4.9
8H	-6.4	-6.0	-6.0	-5.7	-5.3	-6.0	-5.7	-5.6	-5.3	-5.0
12H	-6.4	-6.1	-6.0	-5.7	-5.4	-6.1	-5.7	-5.7	-5.4	-5.0
8H 4H	-6.4	-6.0	-6.0	-5.7	-5.3	-6.0	-5.7	-5.7	-5.3	-5.0
6H	-6.5	-6.2	-6.1	-5.8	-5.4	-6.1	-5.8	-5.7	-5.5	-5.0
8H	-6.6	-6.3	-6.1	-5.9	-5.4	-6.2	-5.9	-5.8	-5.5	-5.1
12H	-6.6	-6.4	-6.1	-5.9	-5.5	-6.2	-6.0	-5.8	-5.6	-5.1
12H 4H	-6.5	-6.1	-6.1	-5.8	-5.4	-6.1	-5.8	-5.7	-5.4	-5.0
6H	-6.6	-6.3	-6.1	-5.9	-5.5	-6.2	-5.9	-5.8	-5.5	-5.1
8H	-6.6	-6.4	-6.2	-5.9	-5.5	-6.3	-6.0	-5.8	-5.6	-5.1
Variations with the observer position at spacings:										
S = 1.0H	+ 3.2 / -12.2					+ 3.2 / -12.2				
1.5H	+ 5.3 / -12.0					+ 5.4 / -11.9				
2.0H	+ 6.9 / - 7.1					+ 6.7 / - 6.9				

CIE Pub.117 Corrected 944.7 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:2017-07-19

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:220.5V I:0.0685A P:14.56W PF:0.9651 Lamp Flux:944.732x1 lm		
NAME: S100S1-13W-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) $k(RI) \times RCR = 5$									
$k = 0.60$	91	86	82	91	86	82	90	85	82	79
0.80	98	93	90	98	93	90	96	92	89	86
1.00	102	97	94	101	97	93	100	96	93	89
1.25	105	101	98	104	100	97	103	99	97	93
1.50	108	104	101	107	103	100	104	101	99	95
2.00	110	106	103	109	105	103	106	103	101	96
2.50	111	108	105	110	107	104	107	104	103	97
3.00	113	110	107	111	108	106	108	106	104	98
4.00	115	112	110	113	111	109	109	107	106	99
5.00	116	114	112	114	112	111	110	109	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:2017-07-19

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

ISOCANDELA DIAGRAM

Test:U:220.5V I:0.0685A P:14.56W PF:0.9651 Lamp Flux:944.732x1 lm		
NAME: S100S1-13W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

942.57 lm

%lum = 99.8%

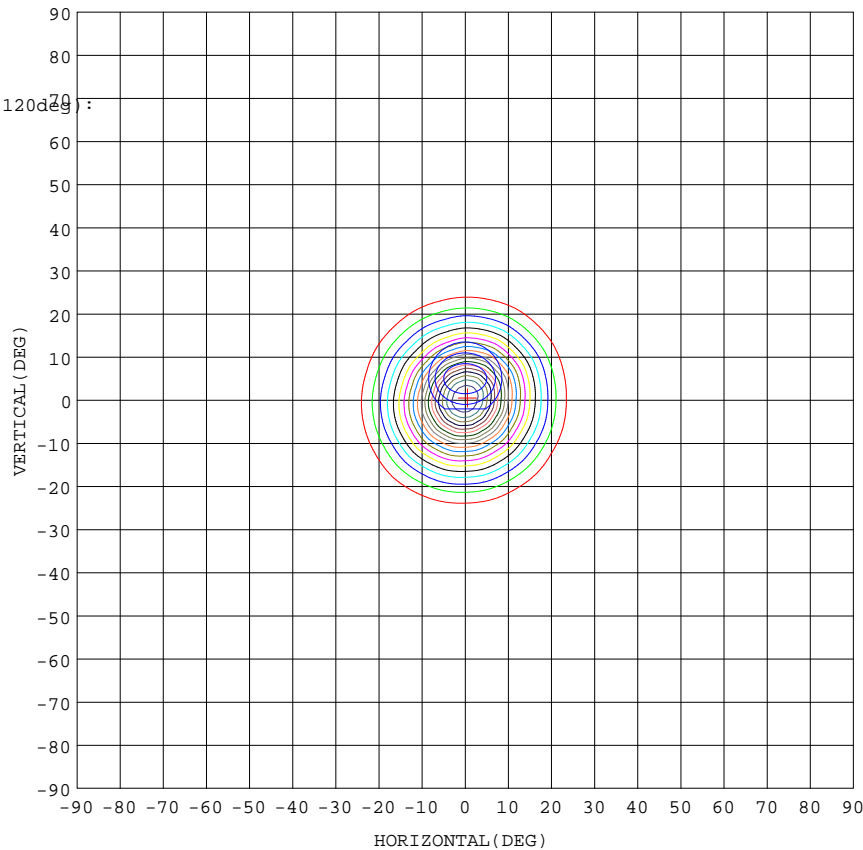
%lamp = 99.8%

Conical surface Flux(120deg):

944.3 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:2017-07-19

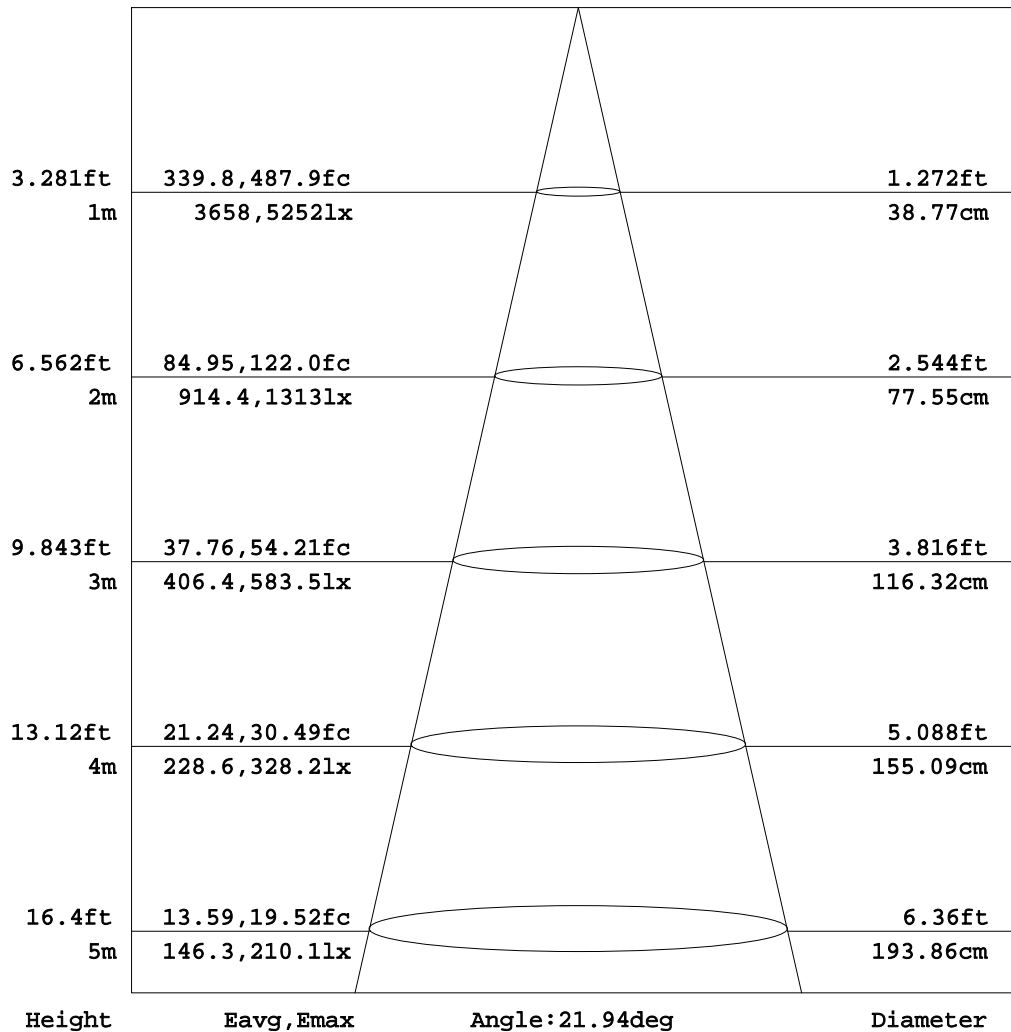
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity:52%  
Test Distance:5.850m [K=1.0000]  
Remarks:



AAI Figure

Test:U:220.5V I:0.0685A P:14.56W PF:0.9651 Lamp Flux:944.732x1 lm		
NAME: S100S1-13W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		

Flux out:434.2 lm



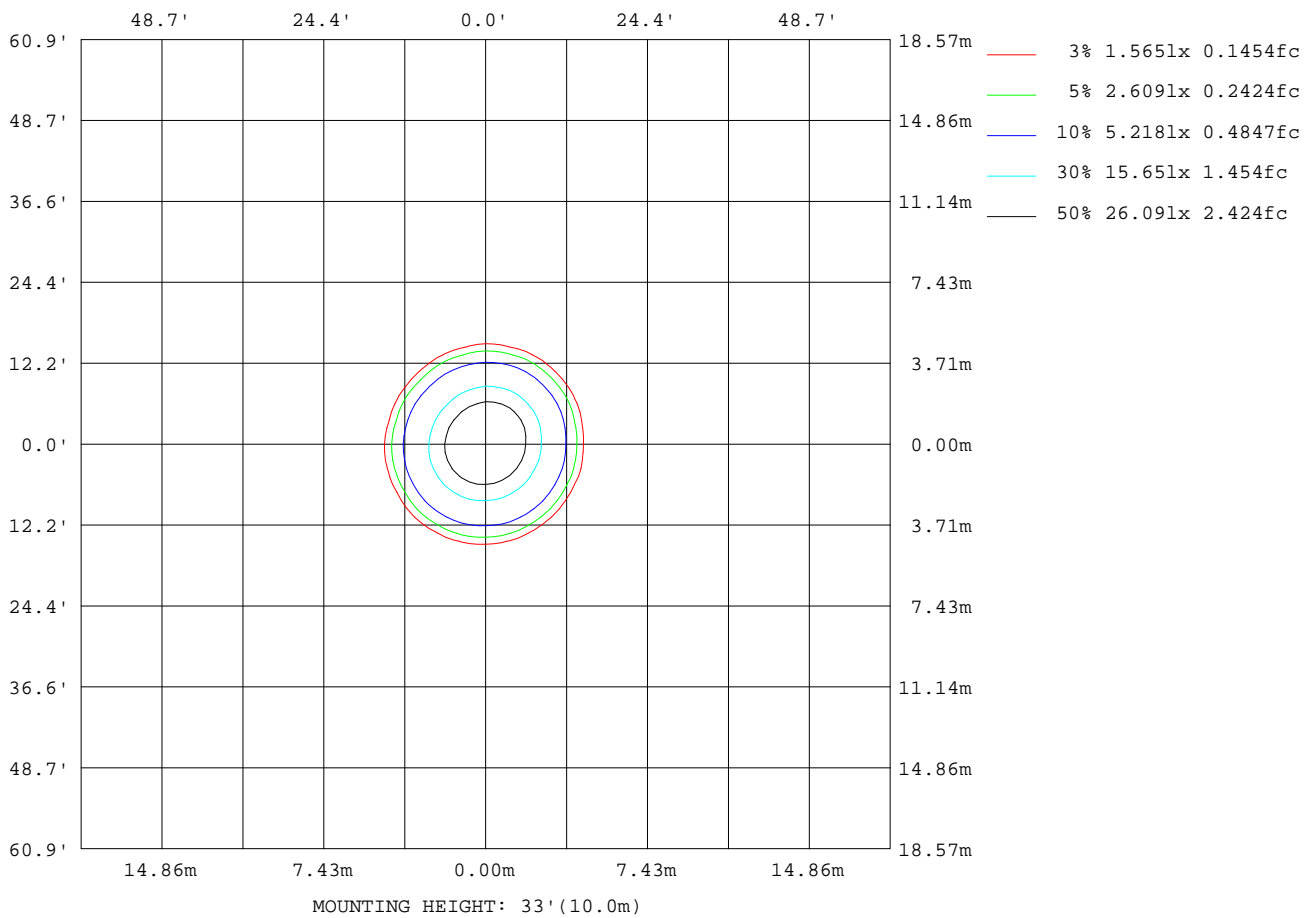
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-07-19

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

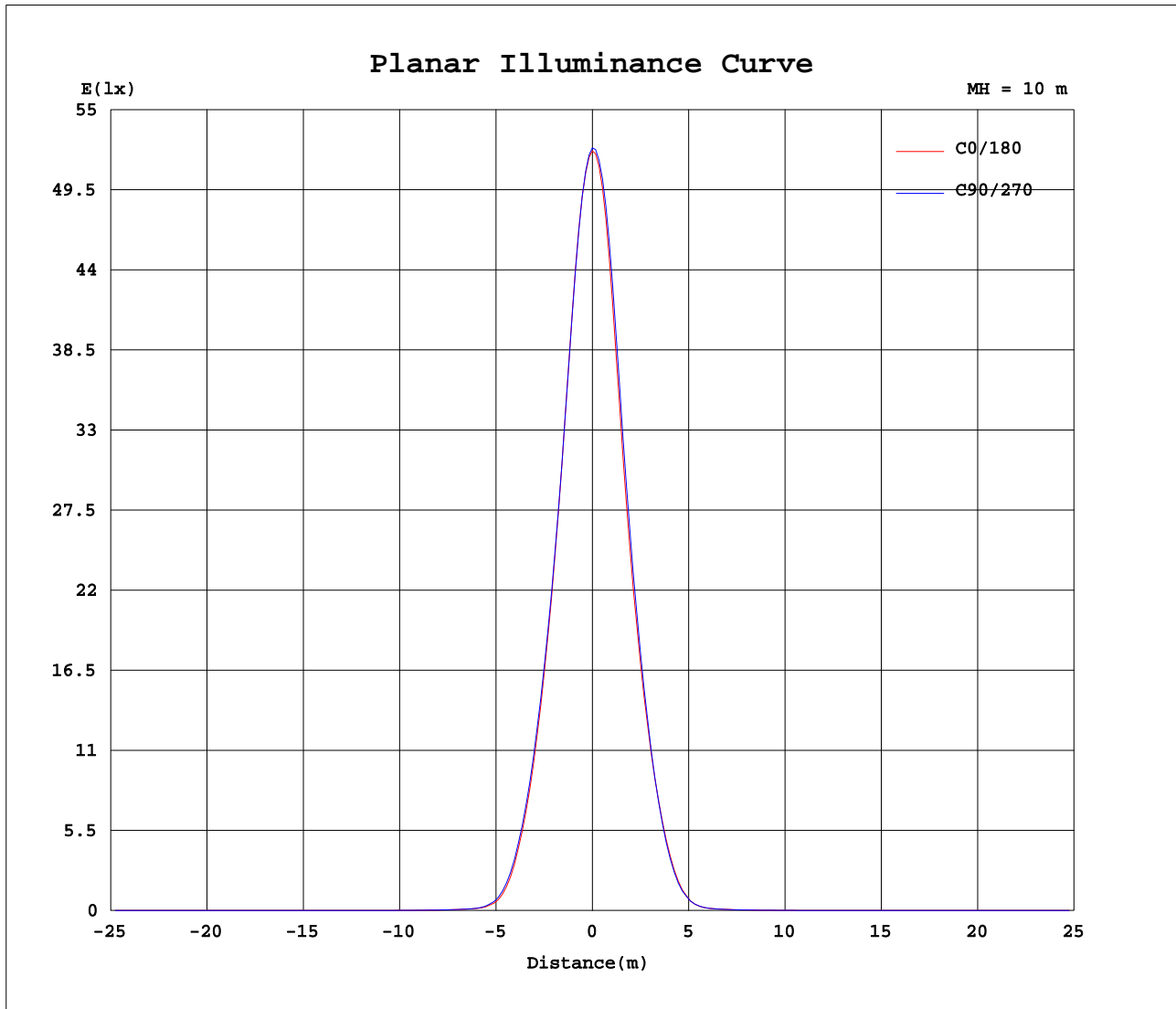
Test:U:220.5V I:0.0685A P:14.56W PF:0.9651 Lamp Flux:944.732x1 lm		
NAME: S100S1-13W-940-N	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-07-19

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: 2017-07-19

$\gamma$  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:

```

```

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	5218	5223	5225	5230	5233	5238	5238	5243	5244	5248
3.0	4923	4932	4904	4924	4906	4934	4923	4954	4951	4982
6.0	4158	4158	4098	4131	4096	4154	4144	4202	4194	4244
9.0	3168	3165	3100	3134	3104	3176	3176	3249	3241	3295
12.0	2289	2281	2232	2266	2253	2313	2325	2396	2399	2444
15.0	1564	1563	1526	1565	1558	1611	1616	1677	1684	1724
18.0	971.4	978.2	957.3	987.2	984.8	1021	1023	1066	1074	1107
21.0	527.6	526.5	521.8	535.3	541.3	561.7	571.3	593.0	606.7	619.8
24.0	216.2	217.6	208.2	222.1	224.3	245.3	250.2	268.4	272.6	285.2
27.0	73.75	71.61	67.77	71.14	74.27	83.84	88.88	98.63	102.5	106.9
30.0	29.19	28.56	27.85	28.81	29.68	31.98	33.58	37.42	39.17	40.79
33.0	17.45	17.40	17.35	18.23	18.08	18.46	18.52	19.32	20.80	21.51
36.0	11.69	11.61	11.57	12.30	12.18	12.49	12.50	13.10	14.18	15.09
39.0	7.787	7.675	7.627	8.161	8.085	8.348	8.429	9.004	9.789	10.64
42.0	5.019	4.947	5.083	5.389	5.342	5.364	5.341	5.982	6.867	7.474
45.0	2.959	3.017	3.307	3.580	3.439	3.170	2.977	3.687	4.677	5.236
48.0	1.323	1.523	1.944	2.367	2.038	1.520	1.273	1.949	3.016	3.698
51.0	0.5784	0.5261	0.9395	1.379	0.9835	0.4934	0.5454	0.9043	1.732	2.531
54.0	0.3391	0.2513	0.3684	0.6478	0.3663	0.2754	0.3829	0.6183	1.033	1.583
57.0	0.2387	0.1901	0.2036	0.2401	0.2212	0.2295	0.3281	0.5006	0.8120	1.020
60.0	0.2034	0.1683	0.1662	0.1442	0.1860	0.1792	0.2385	0.3603	0.6739	0.8633
63.0	0.1772	0.1508	0.1553	0.1289	0.1575	0.1485	0.1752	0.2029	0.4429	0.7079
66.0	0.1488	0.1311	0.1422	0.1093	0.1335	0.1114	0.1335	0.1180	0.2019	0.5175
69.0	0.1052	0.0873	0.1182	0.0852	0.1073	0.0720	0.0855	0.0829	0.1183	0.2419
72.0	0.0352	0.0328	0.0658	0.0480	0.0571	0.0372	0.0460	0.0394	0.0703	0.0567
75.0	0.0328	0.0372	0.0328	0.0328	0.0394	0.0372	0.0415	0.0394	0.0437	0.0394
78.0	0.0328	0.0372	0.0328	0.0328	0.0372	0.0372	0.0415	0.0394	0.0437	0.0394
81.0	0.0328	0.0372	0.0350	0.0328	0.0350	0.0372	0.0394	0.0394	0.0415	0.0394
84.0	0.0328	0.0350	0.0350	0.0350	0.0350	0.0372	0.0394	0.0394	0.0415	0.0394
87.0	0.0328	0.0350	0.0372	0.0350	0.0350	0.0372	0.0394	0.0394	0.0415	0.0394
90.0	0.0328	0.0350	0.0372	0.0372	0.0372	0.0372	0.0372	0.0394	0.0394	0.0394

G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	5249	5252	5218	5223	5230	5233	5238	5238	5243	5248
3.0	4975	5004	4982	4964	4985	4974	5008	5010	5046	5046
6.0	4224	4262	4241	4193	4229	4206	4276	4287	4370	4379
9.0	3261	3288	3250	3174	3201	3172	3253	3274	3386	3414
12.0	2410	2414	2366	2291	2295	2267	2334	2367	2476	2511
15.0	1687	1686	1644	1573	1572	1539	1593	1613	1705	1729
18.0	1076	1079	1055	1003	1001	970.2	998.5	1001	1060	1076
21.0	608.6	606.1	595.0	564.5	558.0	539.7	547.6	549.7	573.1	590.7
24.0	271.7	274.2	267.7	242.6	240.0	224.7	235.6	235.0	252.9	257.3
27.0	101.9	99.30	92.68	80.28	78.11	73.35	78.07	81.62	91.06	93.77
30.0	38.77	36.74	33.83	30.18	28.98	28.01	30.01	31.50	35.06	35.99
33.0	20.29	19.54	18.86	17.90	17.85	17.60	17.72	17.71	18.59	18.65
36.0	14.00	13.42	12.89	12.07	12.09	12.28	12.11	12.01	12.61	12.53
39.0	9.800	9.282	8.816	8.144	8.178	8.396	8.338	8.221	8.729	8.689
42.0	6.893	6.392	6.066	5.504	5.606	5.735	5.746	5.630	6.046	6.011
45.0	4.882	4.300	4.003	3.610	3.825	3.946	3.943	3.728	3.918	3.998
48.0	3.344	2.578	2.166	2.120	2.462	2.727	2.593	2.162	2.120	2.363
51.0	2.086	1.372	1.156	1.039	1.402	1.813	1.523	0.9873	1.009	1.119
54.0	1.283	1.065	0.9117	0.7706	0.6966	1.106	0.7577	0.5853	0.5749	0.6620
57.0	1.037	0.9726	0.8657	0.7701	0.4964	0.6480	0.4896	0.5335	0.5313	0.5948
60.0	0.9210	0.8678	0.8284	0.7611	0.5183	0.5162	0.4878	0.5125	0.5116	0.5685
63.0	0.7702	0.7758	0.7560	0.7350	0.5247	0.4890	0.4860	0.4914	0.5050	0.5160
66.0	0.6326	0.5804	0.5408	0.6019	0.4894	0.4619	0.4588	0.4704	0.4324	0.4485
69.0	0.3187	0.2289	0.2175	0.2871	0.3535	0.3742	0.3339	0.2936	0.2460	0.2913
72.0	0.0946	0.0394	0.0306	0.0419	0.1258	0.1952	0.1325	0.0400	0.0284	0.0443
75.0	0.0437	0.0394	0.0328	0.0328	0.0284	0.0352	0.0262	0.0284	0.0284	0.0306
78.0	0.0415	0.0394	0.0328	0.0328	0.0284	0.0284	0.0284	0.0262	0.0306	0.0284
81.0	0.0415	0.0394	0.0328	0.0328	0.0306	0.0284	0.0284	0.0262	0.0328	0.0284
84.0	0.0415	0.0394	0.0328	0.0328	0.0306	0.0284	0.0284	0.0262	0.0328	0.0284
87.0	0.0415	0.0394	0.0328	0.0328	0.0328	0.0284	0.0284	0.0262	0.0306	0.0284
90.0	0.0415	0.0394	0.0306	0.0328	0.0328	0.0284	0.0284	0.0262	0.0262	0.0284

G/C	300.0	315.0	330.0	345.0
0.0	5244	5248	5249	5252
3.0	5062	5039	5034	4991
6.0	4421	4371	4356	4257
9.0	3477	3421	3396	3277
12.0	2571	2523	2500	2388
15.0	1778	1737	1729	1636
18.0	1114	1086	1083	1017
21.0	606.9	597.0	587.1	553.9

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
 Test Date: 2017-07-19

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	270.0	258.7	259.5	232.7
27.0	100.5	96.25	92.55	82.36
30.0	37.95	36.77	36.05	32.04
33.0	19.38	19.49	18.94	17.99
36.0	13.13	13.61	12.81	12.10
39.0	9.109	9.396	8.698	8.116
42.0	6.406	6.508	5.995	5.347
45.0	4.491	4.529	4.107	3.368
48.0	2.991	3.145	2.660	1.790
51.0	1.808	2.111	1.485	0.7020
54.0	0.9148	1.257	0.6920	0.3726
57.0	0.5615	0.7115	0.4041	0.2954
60.0	0.5006	0.4770	0.3299	0.2231
63.0	0.4696	0.4309	0.2446	0.1947
66.0	0.4108	0.3632	0.1681	0.1641
69.0	0.3209	0.2431	0.1136	0.1182
72.0	0.1324	0.1009	0.0587	0.0439
75.0	0.0262	0.0329	0.0263	0.0306
78.0	0.0263	0.0263	0.0284	0.0306
81.0	0.0284	0.0262	0.0306	0.0306
84.0	0.0284	0.0262	0.0350	0.0306
87.0	0.0284	0.0262	0.0350	0.0306
90.0	0.0284	0.0262	0.0350	0.0328

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-07-19

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: