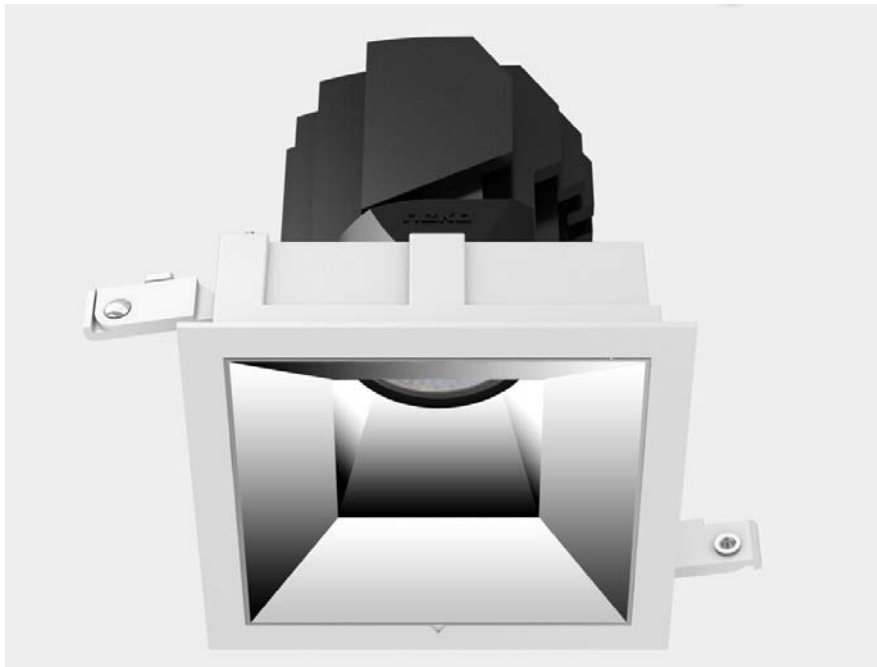


LED Downlight SENSE Series S100S2-13W-930-W



Light Output Ratio:	100.0%	
Luminaire Power:	14.32 W	
SHR Nominal:	0.75	Calculated using the TM5
SHR Maximum:	0.85	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

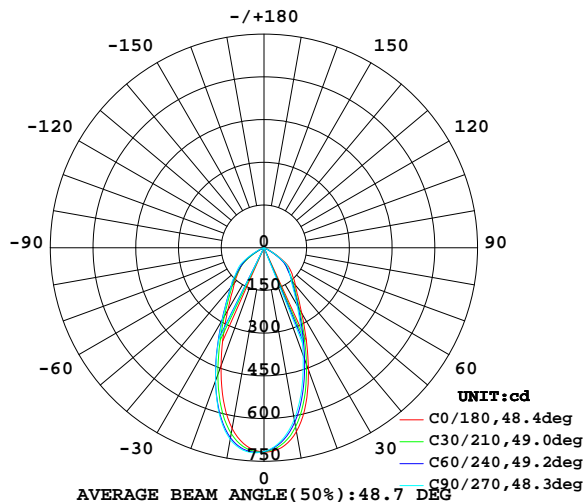
$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

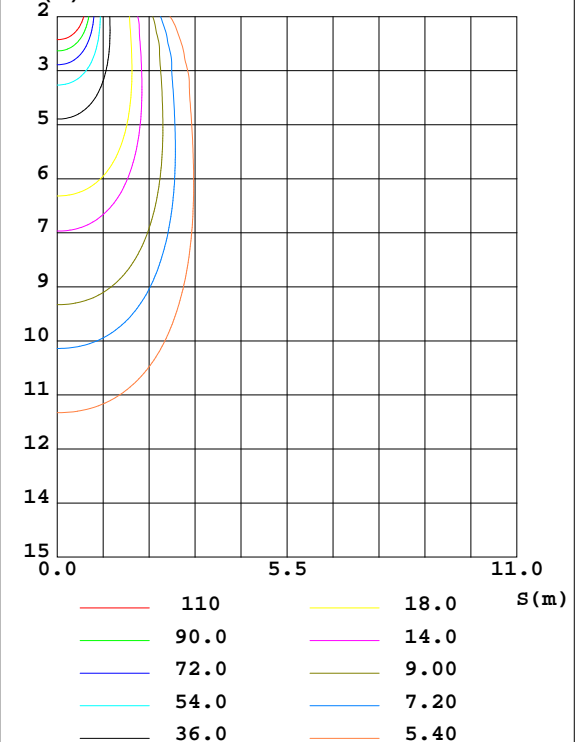
Test:U:220.7V I:0.0710A P:14.32W PF:0.9143 Lamp Flux:700.243x1 lm		
NAME: S100S2-13W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 48.90 lm/W
MODEL	CITIZEN-3000K	I <sub>max</sub> (cd)	720.5	S/MH(C0/180)	0.74	
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.82	
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	700.24	η UP,DN(C0-180)	0.0,46.8	
NOMINAL FLUX(lm)	700.243	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,53.2	
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75	
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	0.85	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



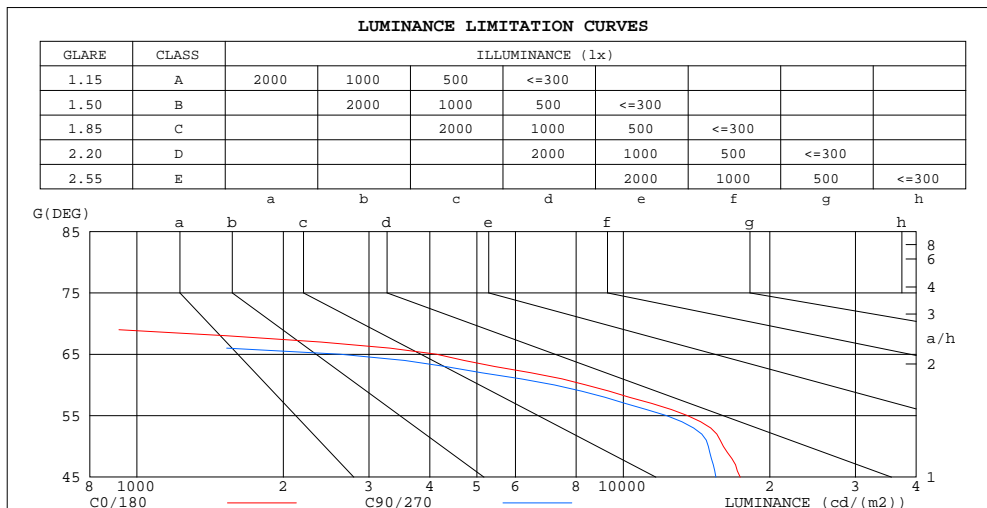
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Meng Yongjian  
 Test Date:2017-05-13

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	655.6	632.0	612.2	622.5	644.5	670.2	683.6	680.6	0- 10	65.28	65.28	9.32,9.32
20	456.8	428.5	403.1	416.7	441.2	487.5	497.4	503.6	10- 20	155.5	220.8	31.5,31.5
30	265.5	242.5	232.5	236.7	255.3	287.6	293.3	296.6	20- 30	160.5	381.3	54.5,54.5
40	170.7	151.4	148.7	145.4	161.3	177.8	181.3	183.1	30- 40	130.4	511.8	73.1,73.1
50	120.4	90.07	112.2	81.09	108.5	101.3	122.9	109.7	40- 50	104.9	616.6	88.1,88.1
60	48.86	44.50	42.07	37.59	45.43	43.80	56.05	53.00	50- 60	70.14	686.7	98.1,98.1
70	2.322	1.542	0.8226	1.200	1.470	2.264	2.138	3.348	60- 70	13.05	699.8	99.9,99.9
80	0.0415	0.0306	0.0438	0.0328	0.0262	0.0395	0.0933	0.0484	70- 80	0.3994	700.2	100,100
90	0.0350	0.0350	0.0372	0.0394	0.0262	0.0372	0.1159	0.0219	80- 90	0.0437	700.2	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		



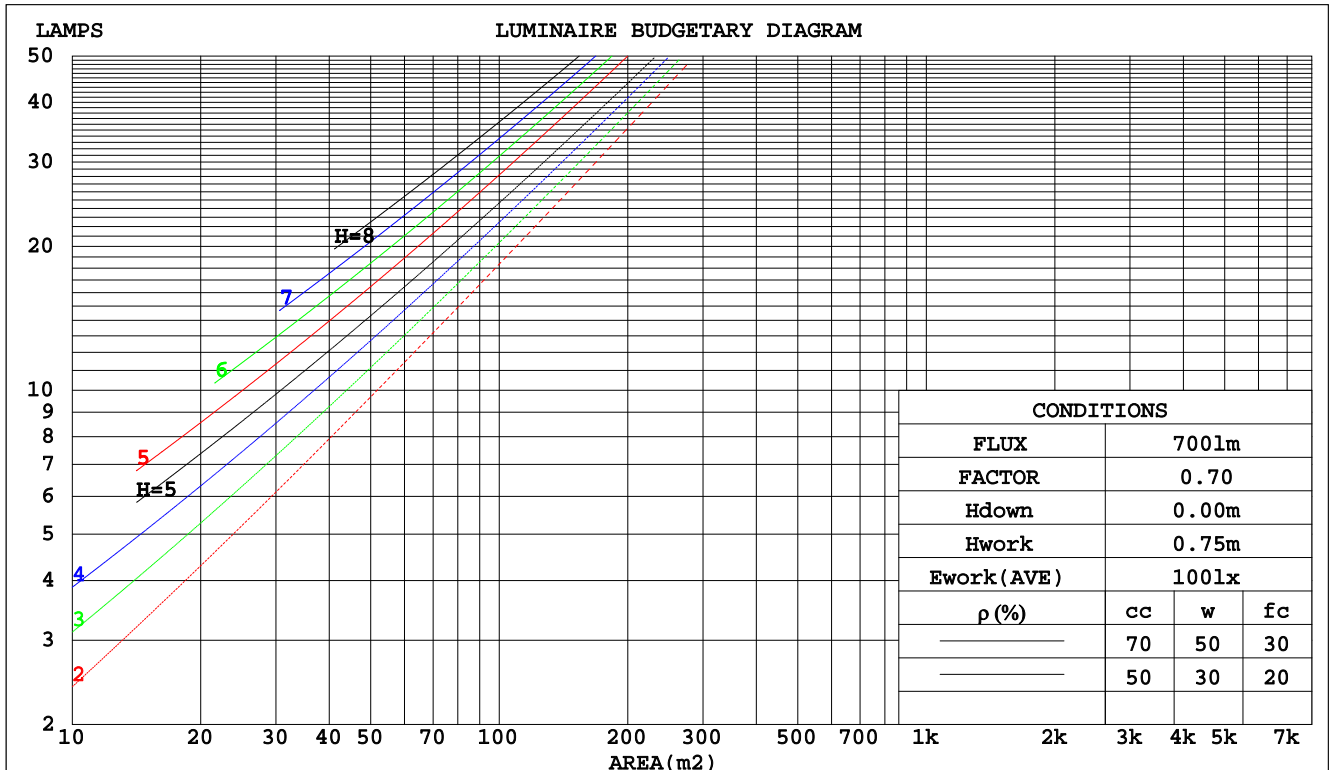
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-05-13

$\gamma$  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:0.0710A P:14.32W PF:0.9143 Lamp Flux:700.243x1 lm		
NAME: S100S2-13W-930-W	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	1.09	1.07	1.04	1.07	1.05	1.02	1.03	1.01	.99	.99	.98	.96	.96	.95	.93	.92
2.0	1.00	.95	.92	.98	.94	.90	.95	.92	.88	.92	.89	.87	.89	.87	.85	.83
3.0	.92	.86	.81	.90	.85	.81	.88	.83	.79	.85	.81	.78	.83	.80	.77	.75
4.0	.84	.78	.73	.83	.77	.72	.81	.76	.72	.79	.74	.71	.77	.73	.70	.68
5.0	.78	.71	.66	.77	.70	.66	.75	.69	.65	.73	.68	.64	.71	.67	.64	.62
6.0	.72	.65	.60	.71	.65	.60	.70	.64	.59	.68	.63	.59	.67	.62	.59	.57
7.0	.67	.60	.55	.66	.60	.55	.65	.59	.55	.64	.58	.54	.62	.58	.54	.53
8.0	.62	.56	.51	.62	.55	.51	.61	.55	.51	.60	.54	.50	.59	.54	.50	.49
9.0	.58	.52	.47	.58	.52	.47	.57	.51	.47	.56	.51	.47	.55	.50	.47	.45
10.0	.55	.48	.44	.55	.48	.44	.54	.48	.44	.53	.48	.44	.52	.47	.44	.42



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:0.0710A P:14.32W PF:0.9143 Lamp Flux:700.243x1 lm		
NAME: S100S2-13W-930-W	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	.203	.116	.037	.197	.112	.036	.184	.105	.034	.172	.099	.032	.161	.093	.030		
2.0	.199	.109	.033	.193	.106	.033	.182	.101	.031	.172	.097	.030	.163	.092	.029		
3.0	.191	.101	.030	.186	.099	.030	.176	.096	.029	.168	.092	.028	.159	.088	.027		
4.0	.182	.094	.028	.177	.093	.027	.169	.090	.027	.161	.087	.026	.154	.084	.026		
5.0	.172	.088	.025	.169	.087	.025	.161	.084	.025	.155	.082	.024	.148	.079	.024		
6.0	.164	.082	.023	.160	.081	.023	.154	.079	.023	.148	.077	.023	.142	.075	.022		
7.0	.155	.077	.022	.152	.076	.022	.147	.074	.021	.141	.072	.021	.136	.071	.021		
8.0	.148	.072	.020	.145	.071	.020	.140	.070	.020	.135	.068	.020	.130	.067	.020		
9.0	.140	.068	.019	.138	.067	.019	.133	.066	.019	.129	.065	.019	.125	.063	.018		
10.0	.134	.064	.018	.131	.064	.018	.127	.062	.018	.123	.061	.017	.120	.060	.017		

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	.173	.157	.143	.148	.135	.123	.101	.093	.085	.058	.054	.049	.019	.017	.016	
2.0	.160	.132	.109	.137	.114	.094	.094	.079	.066	.054	.046	.039	.017	.015	.013	
3.0	.149	.114	.086	.128	.098	.074	.088	.068	.052	.051	.040	.031	.016	.013	.010	
4.0	.140	.099	.068	.120	.086	.059	.083	.060	.042	.048	.035	.025	.015	.011	.008	
5.0	.132	.088	.056	.114	.076	.049	.078	.053	.034	.045	.031	.020	.015	.010	.007	
6.0	.125	.079	.046	.108	.069	.040	.074	.048	.029	.043	.028	.017	.014	.009	.006	
7.0	.119	.072	.039	.102	.062	.034	.071	.044	.024	.041	.026	.014	.013	.008	.005	
8.0	.113	.066	.034	.097	.057	.029	.067	.040	.021	.039	.024	.012	.013	.008	.004	
9.0	.108	.061	.029	.093	.053	.025	.064	.037	.018	.038	.022	.011	.012	.007	.004	
10.0	.103	.057	.026	.089	.049	.022	.062	.035	.016	.036	.020	.009	.012	.007	.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:0.0710A P:14.32W PF:0.9143 Lamp Flux:700.243x1 lm										
NAME: S100S2-13W-930-W					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	19.7	20.8	20.0	21.0	21.2	19.1	20.2	19.4	20.4	20.6
3H	19.6	20.6	19.8	20.8	21.0	18.9	20.0	19.2	20.2	20.4
4H	19.5	20.4	19.8	20.7	20.9	18.9	19.8	19.1	20.1	20.3
6H	19.4	20.3	19.7	20.5	20.8	18.8	19.7	19.1	19.9	20.2
8H	19.3	20.2	19.6	20.5	20.7	18.7	19.6	19.0	19.9	20.1
12H	19.3	20.1	19.6	20.4	20.7	18.7	19.5	19.0	19.8	20.1
4H 2H	19.7	20.6	19.9	20.9	21.1	19.1	20.1	19.4	20.3	20.6
3H	19.5	20.3	19.8	20.6	20.9	18.9	19.8	19.3	20.1	20.3
4H	19.4	20.2	19.8	20.5	20.8	18.8	19.6	19.2	19.9	20.2
6H	19.3	20.0	19.7	20.3	20.7	18.8	19.4	19.1	19.8	20.1
8H	19.3	19.9	19.7	20.2	20.6	18.7	19.3	19.1	19.7	20.0
12H	19.2	19.8	19.6	20.1	20.5	18.7	19.2	19.1	19.6	20.0
8H 4H	19.3	19.9	19.7	20.2	20.6	18.7	19.3	19.1	19.7	20.0
6H	19.2	19.7	19.6	20.1	20.5	18.6	19.1	19.0	19.5	19.9
8H	19.1	19.6	19.6	20.0	20.4	18.6	19.0	19.0	19.4	19.9
12H	19.1	19.4	19.5	19.9	20.4	18.5	18.9	19.0	19.3	19.8
12H 4H	19.2	19.8	19.6	20.1	20.5	18.7	19.2	19.1	19.6	20.0
6H	19.1	19.6	19.6	20.0	20.4	18.6	19.0	19.0	19.4	19.9
8H	19.1	19.4	19.5	19.9	20.4	18.5	18.9	19.0	19.3	19.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.8 / - 0.9					+ 0.8 / - 1.1				
1.5H	+ 0.9 / - 2.4					+ 0.9 / - 2.0				
2.0H	+ 2.6 / -11.3					+ 2.7 / -12.2				

CIE Pub.117 Corrected 700.2 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.2)

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:0.0710A P:14.32W PF:0.9143 Lamp Flux:700.243x1 lm		
NAME: S100S2-13W-930-W	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) $k(RI) \times RCR = 5$									
$k = 0.60$	74	65	60	73	65	60	72	65	60	55
0.80	83	75	70	83	75	70	81	74	69	64
1.00	91	83	78	90	83	78	88	83	77	72
1.25	96	89	85	95	89	84	93	88	84	78
1.50	100	94	89	99	93	89	96	91	88	82
2.00	105	99	95	103	98	94	100	96	93	87
2.50	107	102	98	105	101	97	102	98	95	89
3.00	109	105	101	107	103	100	104	101	98	91
4.00	112	108	105	109	106	104	106	103	101	93
5.00	113	110	107	111	108	106	107	105	103	95
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  
 $\gamma$  Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
 Humidity:52%  
 Test Distance:5.850m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:220.7V I:0.0710A P:14.32W PF:0.9143 Lamp Flux:700.243x1 lm		
NAME: S100S2-13W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

567.59 lm

%lum = 81.1%

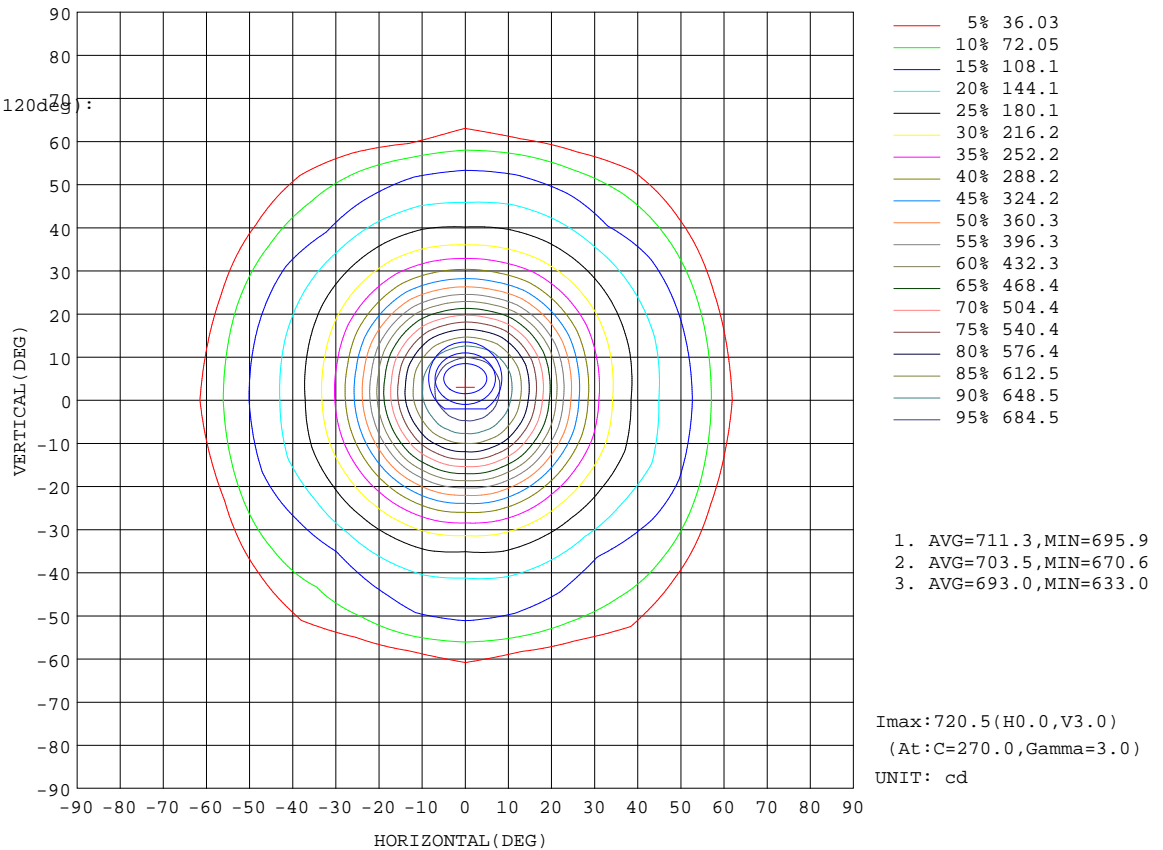
%lamp = 81.1%

Conical surface Flux(120deg):

686.75 lm

%lum = 98.1%

%lamp = 98.1%



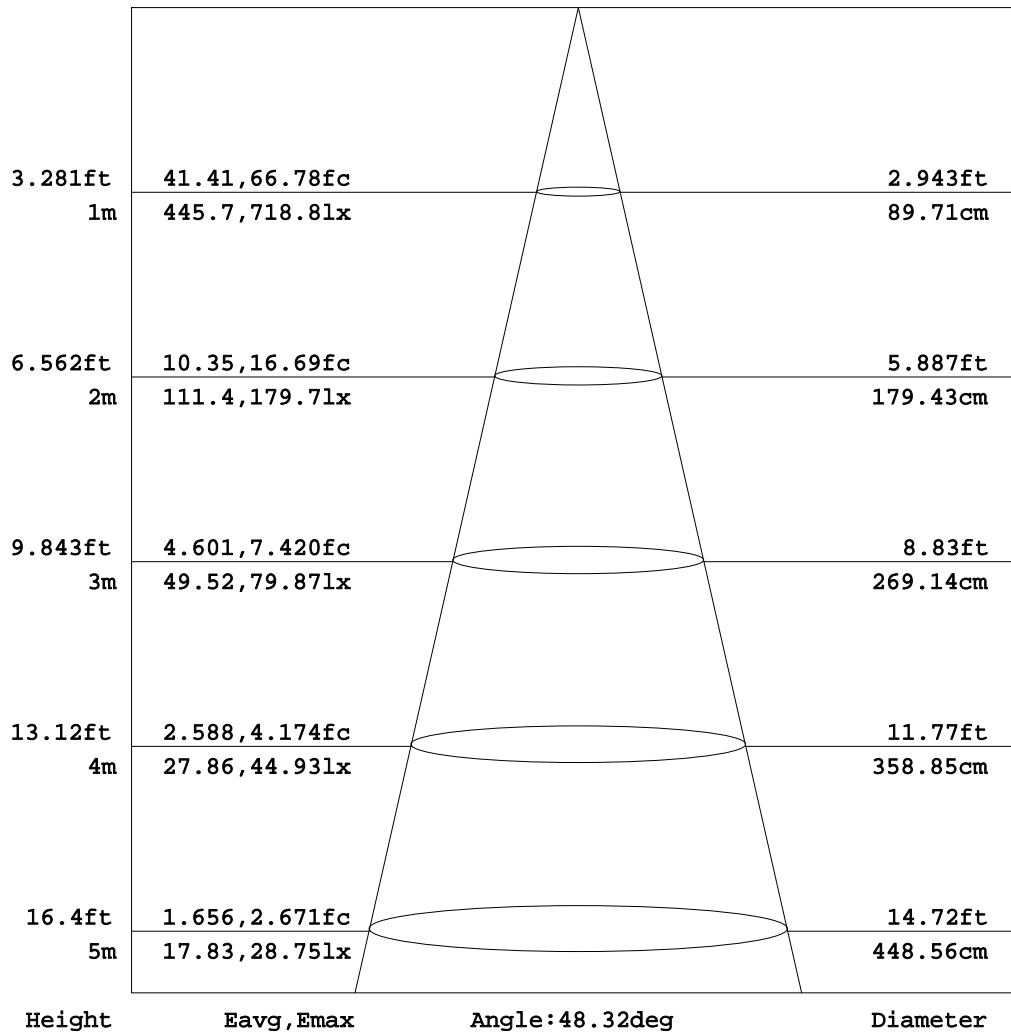
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-05-13

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:

**AAI Figure**

Test:U:220.7V I:0.0710A P:14.32W PF:0.9143 Lamp Flux:700.243x1 lm		
NAME: S100S2-13W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		

Flux out:304.5 lm



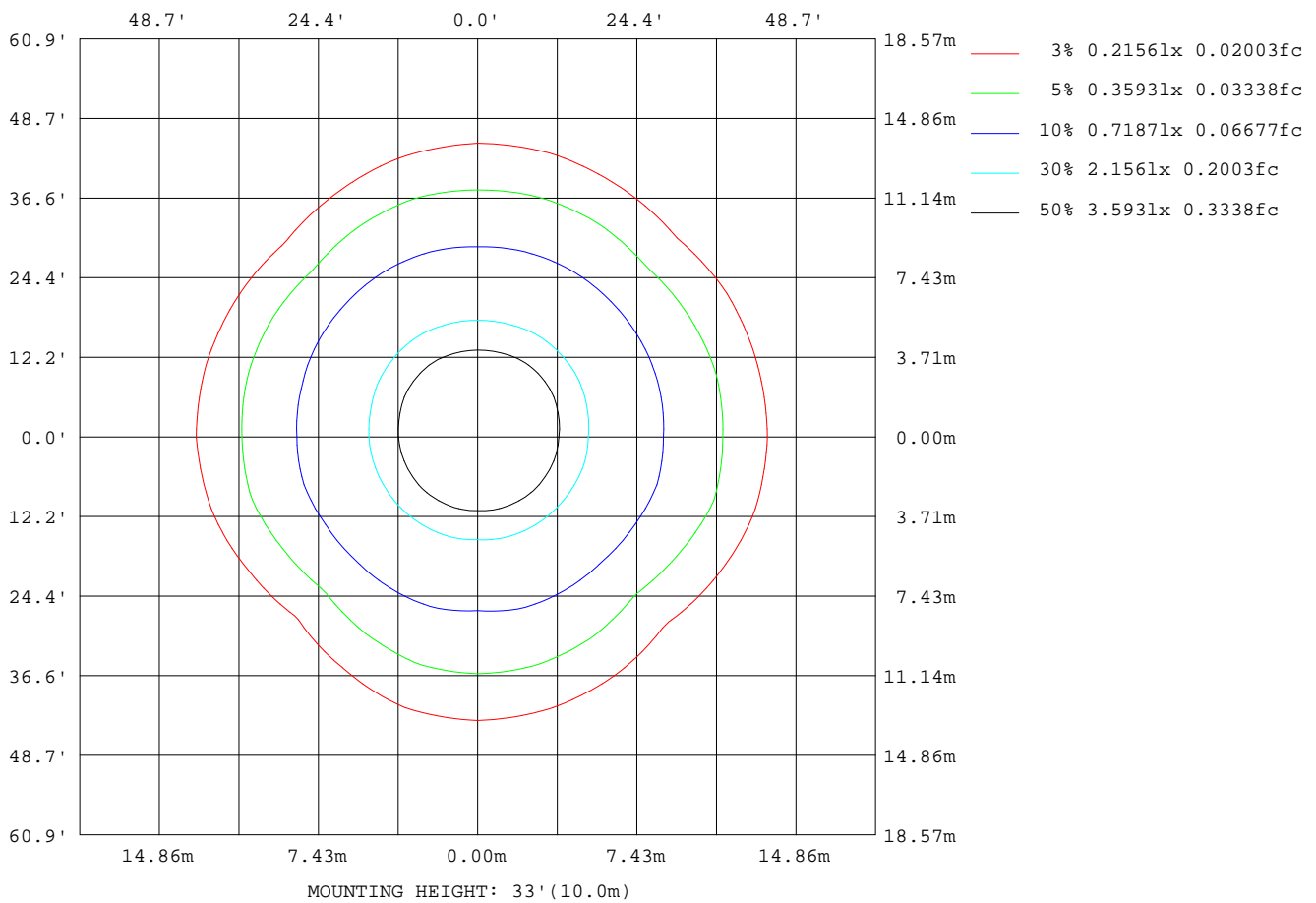
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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**

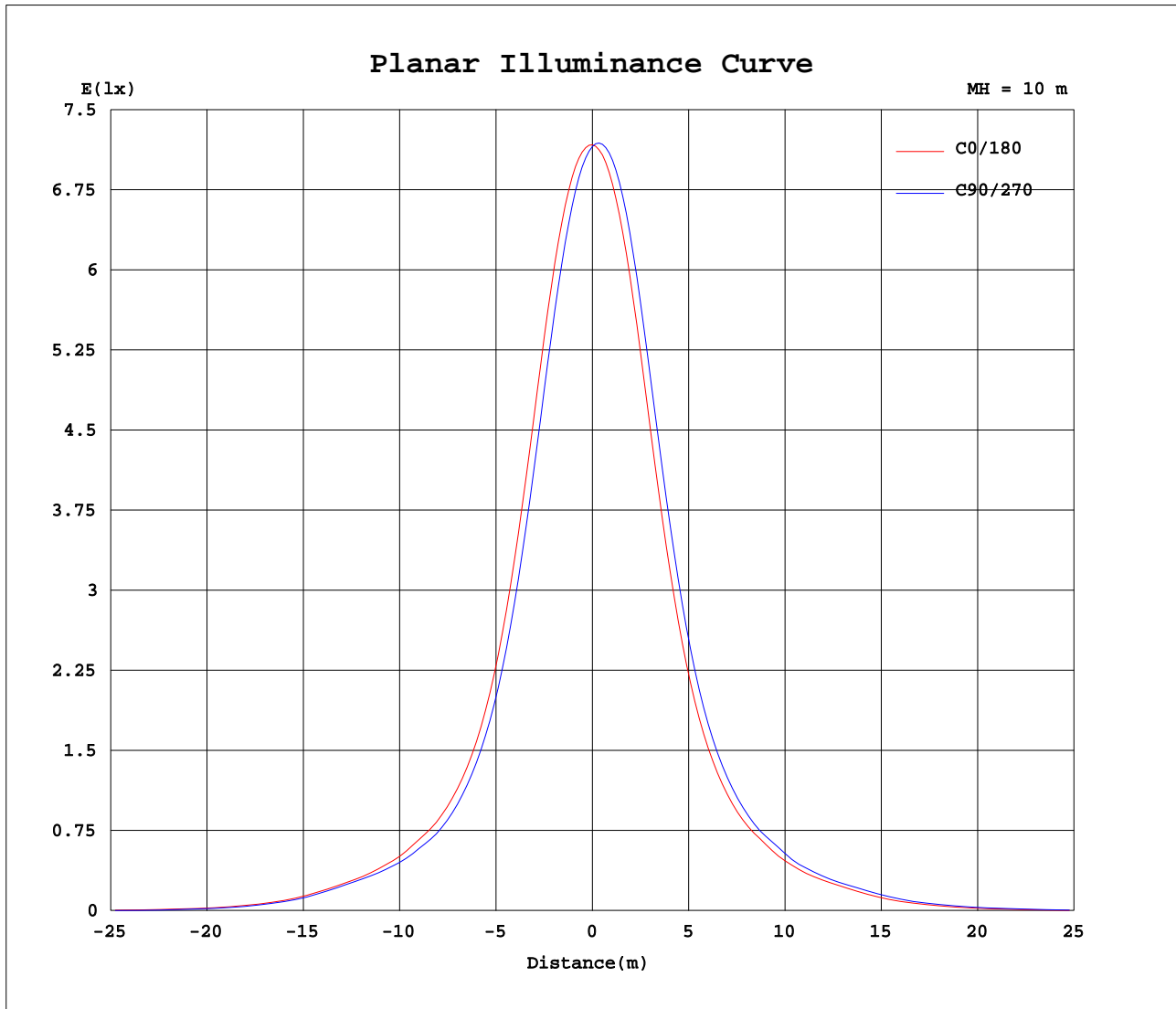
Test:U:220.7V I:0.0710A P:14.32W PF:0.9143 Lamp Flux:700.243x1 lm		
NAME: S100S2-13W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		



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:

```

```

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	717.2	716.9	716.6	716.4	715.9	716.1	715.6	715.9	715.4	715.7
3.0	713.3	710.6	707.3	705.2	702.2	701.2	699.4	699.9	699.9	701.9
6.0	698.0	693.4	687.1	682.6	676.3	673.5	670.7	671.8	672.5	676.6
9.0	668.5	662.4	653.1	647.1	637.8	633.4	628.7	630.9	632.1	638.2
12.0	624.9	616.8	605.8	598.3	587.0	581.2	575.2	577.8	579.7	587.3
15.0	567.8	559.2	547.1	539.0	526.3	519.8	512.4	515.6	518.2	526.9
18.0	502.0	493.6	481.6	473.6	460.7	454.0	446.4	449.9	452.4	461.3
21.0	434.1	426.2	414.0	406.3	395.4	389.3	381.8	385.2	387.5	394.6
24.0	369.7	362.6	350.4	342.4	335.1	330.0	322.9	326.2	328.0	332.6
27.0	312.7	306.8	295.1	287.2	283.0	278.7	272.8	276.0	277.1	279.4
30.0	265.5	260.9	249.8	242.5	240.3	237.5	232.5	235.3	235.6	236.7
33.0	228.0	225.1	214.7	207.8	206.2	205.1	199.7	203.3	202.6	202.9
36.0	198.8	198.1	187.7	180.9	179.8	179.9	173.0	178.1	176.4	176.0
39.0	176.3	177.5	166.2	158.5	158.8	159.9	153.1	158.3	155.4	152.9
42.0	161.8	160.1	146.8	137.7	140.9	143.4	141.2	141.4	136.2	130.3
45.0	143.4	145.3	128.3	115.9	124.4	128.9	127.8	127.3	118.4	106.6
48.0	130.5	129.7	112.2	97.44	110.1	116.7	118.4	115.9	103.5	89.06
51.0	116.1	113.5	99.11	86.97	97.73	105.8	108.7	105.1	89.74	78.08
54.0	98.90	94.88	84.79	77.22	81.73	87.45	90.45	86.31	73.80	69.28
57.0	72.62	68.61	64.10	64.86	58.12	59.93	64.02	57.87	51.43	56.81
60.0	48.86	37.06	37.60	44.50	31.83	28.25	42.07	26.55	26.62	37.59
63.0	28.83	11.59	13.47	27.42	11.78	7.079	22.82	6.153	8.084	22.45
66.0	15.72	2.253	2.952	11.32	2.069	1.417	7.255	1.414	1.832	9.111
69.0	3.839	0.9821	1.252	2.443	0.9472	0.7183	1.082	0.7247	0.8441	1.721
72.0	0.8293	0.4560	0.5883	0.7983	0.4891	0.3729	0.4634	0.3554	0.4344	0.6455
75.0	0.2705	0.1832	0.2437	0.2769	0.2240	0.1308	0.1474	0.1199	0.1736	0.2092
78.0	0.0530	0.0350	0.0704	0.0415	0.0595	0.0328	0.0481	0.0350	0.0484	0.0350
81.0	0.0415	0.0328	0.0350	0.0306	0.0350	0.0328	0.0394	0.0328	0.0328	0.0328
84.0	0.0350	0.0328	0.0328	0.0306	0.0328	0.0328	0.0350	0.0350	0.0328	0.0350
87.0	0.0350	0.0328	0.0328	0.0328	0.0328	0.0328	0.0350	0.0350	0.0328	0.0372
90.0	0.0350	0.0350	0.0328	0.0350	0.0350	0.0350	0.0372	0.0372	0.0350	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	715.3	715.6	717.2	716.9	716.6	716.4	715.9	716.1	715.6	715.9
3.0	703.1	705.9	710.5	712.4	715.0	716.7	718.5	719.7	720.5	720.5
6.0	679.0	684.1	691.4	695.6	701.7	705.7	710.1	712.2	714.2	713.9
9.0	641.5	649.0	658.5	665.0	675.1	681.5	688.3	690.7	693.8	693.6
12.0	591.4	600.1	611.6	620.5	634.6	643.2	651.7	653.7	657.3	657.6
15.0	531.3	540.1	552.6	562.7	580.9	591.6	601.6	602.0	605.6	606.3
18.0	465.5	474.1	486.4	497.7	518.4	531.1	541.7	540.3	542.9	544.5
21.0	399.3	407.9	419.3	430.6	451.7	465.3	476.0	473.1	474.7	476.6
24.0	337.9	346.5	356.6	367.4	387.2	399.7	410.4	407.0	407.7	409.4
27.0	284.7	292.9	301.2	310.8	328.9	339.3	349.3	346.4	346.1	347.5
30.0	241.5	249.0	255.3	263.4	279.1	287.6	296.3	294.2	293.3	294.4
33.0	207.3	214.2	218.5	225.8	238.1	245.7	252.7	252.0	250.4	251.9
36.0	180.1	187.5	189.1	196.2	205.8	212.6	218.3	218.8	216.4	218.4
39.0	157.3	166.7	167.0	173.2	180.9	186.1	191.1	192.7	189.2	192.3
42.0	136.6	149.0	150.7	154.1	158.5	162.1	167.7	170.5	169.4	170.8
45.0	117.1	131.9	132.0	135.4	137.5	137.6	145.6	150.1	151.1	152.2
48.0	100.2	114.6	116.5	119.7	118.6	113.9	124.8	132.1	132.7	133.1
51.0	87.11	99.83	104.9	104.7	103.7	96.20	107.2	117.9	118.0	119.3
54.0	72.94	81.18	88.78	88.02	82.88	81.30	90.80	99.52	104.6	103.4
57.0	53.54	55.40	64.81	63.02	59.46	64.78	71.05	73.99	81.24	80.23
60.0	28.43	26.95	45.43	35.34	34.95	43.80	45.98	40.39	56.05	49.69
63.0	9.585	7.452	26.89	12.60	16.53	26.74	19.58	13.58	36.25	19.74
66.0	2.180	1.881	13.45	2.361	3.610	12.61	4.458	2.570	21.42	4.259
69.0	1.083	0.8555	2.913	0.9906	1.337	3.862	1.392	1.082	4.925	1.353
72.0	0.5180	0.3817	0.6469	0.4518	0.6847	1.042	0.7308	0.6484	0.9787	0.7082
75.0	0.2261	0.1373	0.1915	0.1756	0.3096	0.3972	0.3887	0.3985	0.4165	0.3463
78.0	0.0464	0.0328	0.0439	0.0353	0.0782	0.1362	0.3302	0.3346	0.1520	0.1383
81.0	0.0328	0.0328	0.0262	0.0263	0.0264	0.0307	0.0372	0.0940	0.0305	0.0591
84.0	0.0307	0.0328	0.0262	0.0327	0.0918	0.0241	0.0350	0.0809	0.0241	0.0525
87.0	0.0306	0.0372	0.0262	0.0350	0.0830	0.0219	0.0338	0.0678	0.0277	0.0437
90.0	0.0372	0.0350	0.0262	0.0415	0.0700	0.0372	0.1356	0.1356	0.1159	0.0962

G/C	300.0	315.0	330.0	345.0
0.0	715.4	715.7	715.3	715.6
3.0	719.9	718.5	716.9	714.8
6.0	713.6	710.9	707.9	702.7
9.0	694.6	690.6	686.0	676.9
12.0	660.4	655.8	649.9	637.1
15.0	611.6	606.6	599.8	583.1
18.0	551.8	547.1	538.9	519.5
21.0	485.4	481.1	471.8	451.5

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:

Photometric Data Table [cd]

24.0	418.2	413.8	405.1	385.8
27.0	355.3	350.9	343.8	326.6
30.0	300.7	296.6	291.3	276.9
33.0	255.9	252.8	248.1	237.8
36.0	220.5	218.2	214.6	207.6
39.0	193.0	191.2	188.4	184.0
42.0	170.7	168.1	167.0	164.9
45.0	150.0	145.7	146.7	149.3
48.0	130.7	122.7	128.1	132.6
51.0	114.5	104.6	113.0	115.9
54.0	96.30	91.00	96.66	98.42
57.0	74.64	74.61	73.44	73.45
60.0	47.50	53.00	47.15	44.76
63.0	20.95	31.27	23.68	18.74
66.0	5.116	15.15	6.166	3.732
69.0	1.576	5.410	1.695	1.186
72.0	0.8879	1.364	0.8461	0.5591
75.0	0.4494	0.5420	0.3619	0.2413
78.0	0.1785	0.1473	0.1000	0.0660
81.0	0.0327	0.0329	0.0175	0.0306
84.0	0.0262	0.0219	0.0175	0.0219
87.0	0.0263	0.0219	0.0175	0.0197
90.0	0.0481	0.0219	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: