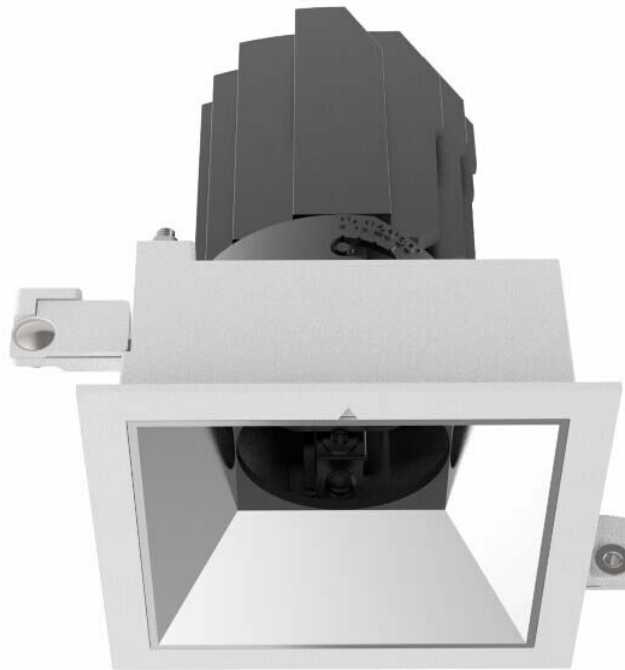


LED Downlight SENSE Series S68S1-8.5W-927-S



Light Output Ratio:	100.0%	
Luminaire Power:	10.16 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: 25.2DEG  
Operators: Cao Chengpei  
Test Date: 2016-09-26

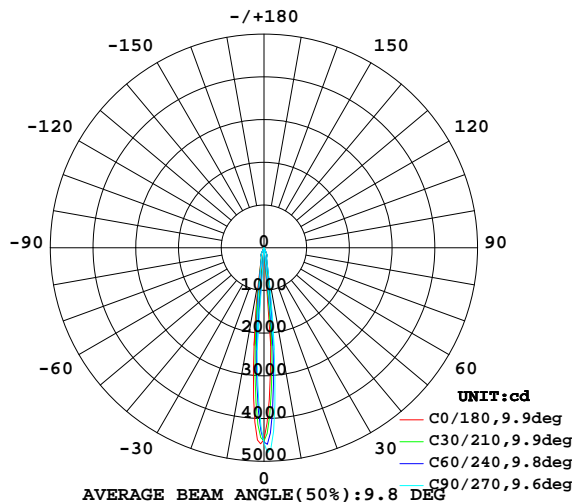
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

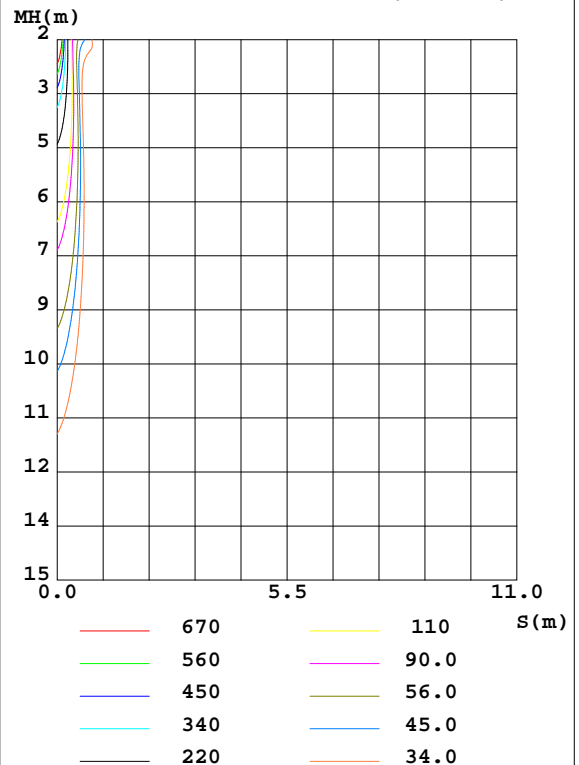
Test:U:220.6V I:0.0516A P:10.16W PF:0.8920 Lamp Flux:316.223x1 lm		
NAME: S68S1-8.5W-927-S	TYPE:Downlight	SERIAL No.:
SPEC.:2700K	DIM.: L78mm*W78mm*H98mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 31.13 lm/W			
MODEL	CREE-2700K	I <sub>max</sub> (cd)	4838	S/MH(C0/180)	0.21
NOMINAL POWER(W)	10.0	LOR(%)	100.0	S/MH(C90/270)	0.14
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	316.22	η UP,DN(C0-180)	0.0,52.6
NOMINAL FLUX(lm)	316.223	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,47.4
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)



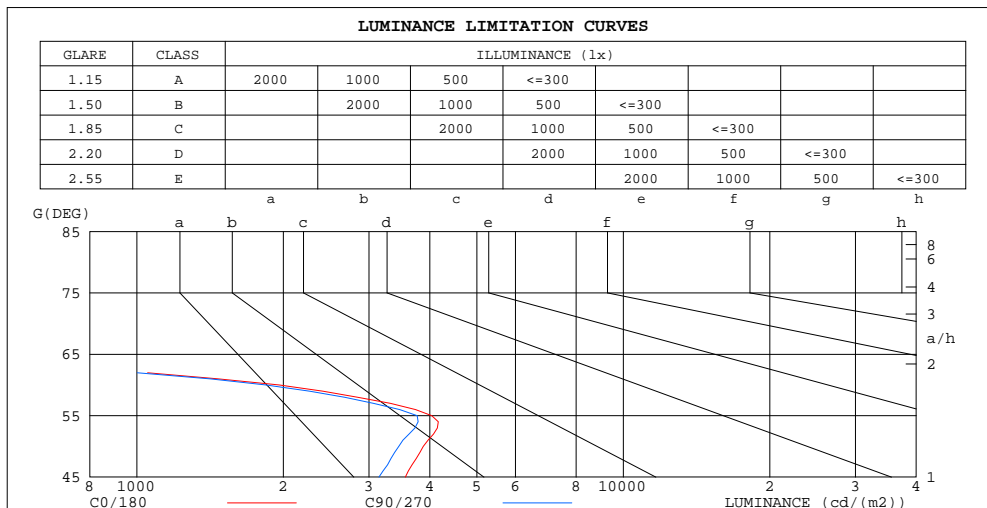
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.2DEG  
Operators:Cao Chengpei  
Test Date:2016-09-26

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	406.0	497.0	579.2	648.0	632.2	526.6	437.6	409.2	0- 10	160.2	160.2	50.7,50.7
20	204.4	197.8	211.3	200.6	208.1	197.0	204.9	195.5	10- 20	74.87	235.1	74.3,74.3
30	21.74	10.50	22.37	10.64	21.78	13.87	25.30	12.92	20- 30	45.16	280.2	88.6,88.6
40	17.40	10.72	15.85	10.26	16.36	13.50	20.49	14.57	30- 40	9.981	290.2	91.8,91.8
50	15.16	13.75	13.51	13.47	14.44	15.70	18.33	17.29	40- 50	11.35	301.6	95.4,95.4
60	5.962	12.29	5.596	11.69	5.984	11.44	6.273	13.19	50- 60	11.96	313.5	99.1,99.1
70	0.0299	0.0170	0.0277	0.0318	0.0149	0.0334	0.0149	0.0325	60- 70	2.661	316.2	100,100
80	0.0192	0.0149	0.0192	0.0149	0.0149	0.0149	0.0149	0.0171	70- 80	0.0189	316.2	100,100
90	0.0128	0.0149	0.0149	0.0149	0.0149	0.0149	0.0149	0.0149	80- 90	0.0163	316.2	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		



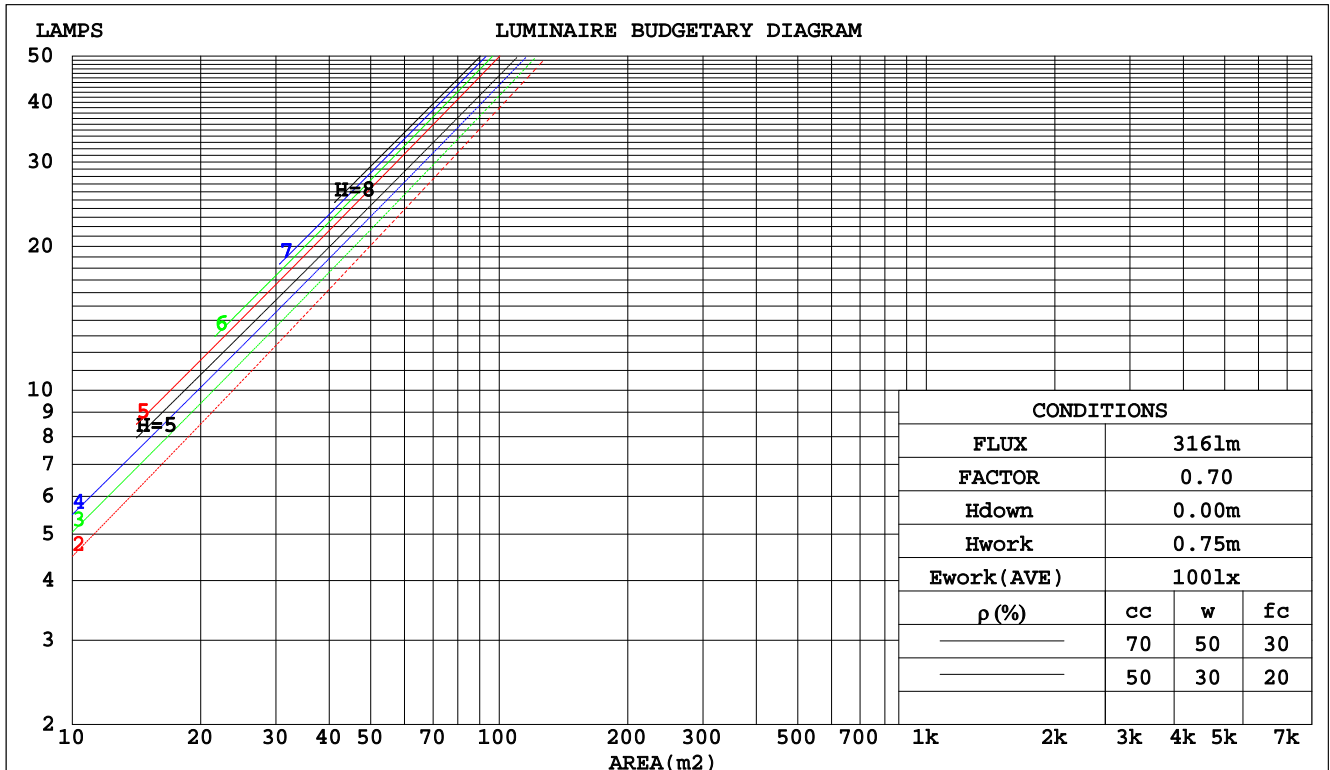
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.2DEG  
Operators:Cao Chengpei  
Test Date:2016-09-26

$\gamma$  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:220.6V I:0.0516A P:10.16W PF:0.8920 Lamp Flux:316.223x1 lm		
NAME: S68S1-8.5W-927-S	TYPE:Downlight	SERIAL No.:
SPEC.:2700K	DIM.: L78mm*W78mm*H98mm	
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															



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.2DEG  
Operators:Cao Chengpei  
Test Date:2016-09-26

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:220.6V I:0.0516A P:10.16W PF:0.8920 Lamp Flux:316.223x1 lm		
NAME: S68S1-8.5W-927-S	TYPE:Downlight	SERIAL No.:
SPEC.:2700K	DIM.: L78mm*W78mm*H98mm	
MFR.: NEKO LIGHTING AG		

pcc	80%			70%			50%			30%			10%			0	
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.139	.079	.025	.132	.076	.024	.120	.069	.022	.109	.063	.020	.098	.057	.018		
2.0	.130	.071	.022	.125	.069	.021	.114	.064	.020	.105	.059	.018	.096	.054	.017		
3.0	.121	.065	.019	.117	.063	.019	.108	.059	.018	.100	.055	.017	.093	.052	.016		
4.0	.113	.059	.017	.110	.057	.017	.102	.054	.016	.096	.051	.015	.089	.049	.015		
5.0	.106	.054	.016	.103	.053	.015	.097	.050	.015	.091	.048	.014	.086	.046	.014		
6.0	.100	.050	.014	.097	.049	.014	.092	.047	.014	.087	.045	.013	.082	.043	.013		
7.0	.094	.046	.013	.091	.046	.013	.087	.044	.013	.083	.042	.012	.079	.041	.012		
8.0	.089	.043	.012	.087	.043	.012	.083	.041	.012	.079	.040	.012	.075	.039	.011		
9.0	.084	.041	.011	.082	.040	.011	.079	.039	.011	.075	.038	.011	.072	.037	.011		
10.0	.080	.038	.011	.078	.038	.011	.075	.037	.010	.072	.036	.010	.069	.035	.010		

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	.148	.144	.135	.127	.099	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.151	.133	.118	.129	.114	.102	.088	.079	.071	.051	.046	.042	.016	.015	.014	
3.0	.136	.113	.095	.116	.098	.083	.080	.068	.058	.046	.040	.034	.015	.013	.011	
4.0	.123	.098	.079	.106	.085	.068	.073	.059	.048	.042	.035	.028	.014	.011	.009	
5.0	.113	.086	.066	.097	.074	.057	.067	.052	.040	.039	.030	.024	.012	.010	.008	
6.0	.104	.076	.056	.089	.066	.048	.061	.046	.034	.036	.027	.020	.012	.009	.007	
7.0	.096	.067	.048	.082	.058	.041	.057	.041	.029	.033	.024	.017	.011	.008	.006	
8.0	.089	.061	.041	.077	.053	.036	.053	.037	.025	.031	.022	.015	.010	.007	.005	
9.0	.083	.055	.036	.072	.048	.031	.050	.033	.022	.029	.020	.013	.009	.006	.004	
10.0	.078	.050	.031	.067	.043	.027	.047	.031	.020	.027	.018	.012	.009	.006	.004	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.2DEG  
Operators:Cao Chengpei  
Test Date:2016-09-26

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:220.6V I:0.0516A P:10.16W PF:0.8920 Lamp Flux:316.223x1 lm										
NAME: S68S1-8.5W-927-S					TYPE:Downlight			SERIAL No.:		
SPEC.:2700K					DIM.: L78mm*W78mm*H98mm					
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	11.1	11.7	11.3	11.9	12.0	10.9	11.5	11.1	11.7	11.8
3H	10.9	11.5	11.2	11.7	11.9	10.7	11.4	11.0	11.5	11.7
4H	10.9	11.4	11.1	11.6	11.9	10.7	11.2	10.9	11.5	11.7
6H	10.8	11.3	11.0	11.6	11.8	10.6	11.1	10.9	11.4	11.6
8H	10.7	11.3	11.0	11.5	11.8	10.5	11.1	10.8	11.3	11.6
12H	10.7	11.2	11.0	11.5	11.7	10.5	11.0	10.8	11.3	11.5
4H 2H	11.5	12.1	11.8	12.3	12.5	11.4	12.0	11.7	12.2	12.4
3H	11.4	11.9	11.7	12.1	12.4	11.2	11.7	11.5	12.0	12.3
4H	11.3	11.7	11.6	12.0	12.3	11.1	11.6	11.5	11.9	12.2
6H	11.2	11.6	11.5	11.9	12.3	11.0	11.4	11.4	11.8	12.1
8H	11.1	11.5	11.5	11.9	12.2	11.0	11.4	11.4	11.7	12.1
12H	11.1	11.4	11.5	11.8	12.2	10.9	11.3	11.3	11.6	12.0
8H 4H	11.1	11.5	11.5	11.9	12.2	11.0	11.4	11.4	11.7	12.1
6H	11.0	11.3	11.4	11.7	12.1	10.9	11.2	11.3	11.6	12.0
8H	10.9	11.2	11.4	11.6	12.1	10.8	11.1	11.2	11.5	11.9
12H	10.9	11.1	11.3	11.6	12.0	10.7	11.0	11.2	11.4	11.9
12H 4H	11.1	11.4	11.5	11.8	12.2	10.9	11.3	11.3	11.6	12.0
6H	10.9	11.2	11.4	11.6	12.1	10.8	11.1	11.2	11.5	11.9
8H	10.9	11.1	11.3	11.6	12.0	10.7	11.0	11.2	11.4	11.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.8 / - 1.5					+ 0.9 / - 1.3				
1.5H	+ 2.0 / - 3.4					+ 1.9 / - 3.3				
2.0H	+ 1.9 / - 4.3					+ 1.9 / - 4.3				

CIE Pub.117 Corrected 316.2 lm Total Lamp Luminous Flux.(8log(F/F0) = -4.0)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.2DEG  
Operators:Cao Chengpei  
Test Date:2016-09-26

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:220.6V I:0.0516A P:10.16W PF:0.8920 Lamp Flux:316.223x1 lm		
NAME: S68S1-8.5W-927-S	TYPE:Downlight	SERIAL No.:
SPEC.:2700K	DIM.: L78mm*W78mm*H98mm	
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	79	76	85	79	75	72
0.80	94	88	84	93	87	84	92	87	83	80
1.00	99	93	89	98	92	89	96	92	88	84
1.25	103	97	94	102	97	93	100	96	93	88
1.50	105	101	97	104	100	97	102	98	96	91
2.00	108	104	101	107	103	100	104	101	99	93
2.50	110	106	103	108	105	102	105	103	100	94
3.00	112	108	105	110	107	104	106	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	98
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:25.2DEG  
 Operators:Cao Chengpei  
 Test Date:2016-09-26

$\gamma$  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:

ISOCANDELA DIAGRAM

Test:U:220.6V I:0.0516A P:10.16W PF:0.8920 Lamp Flux:316.223x1 lm		
NAME: S68S1-8.5W-927-S	TYPE:Downlight	SERIAL No.:
SPEC.:2700K	DIM.: L78mm*W78mm*H98mm	
MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

295.55 lm

%lum = 93.5%

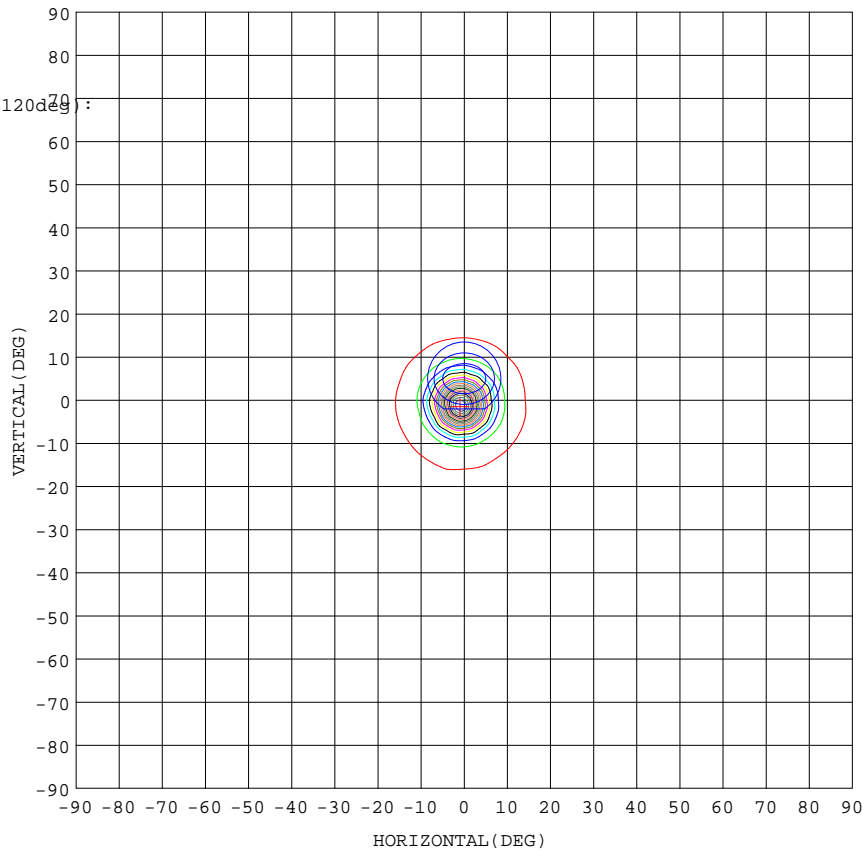
%lamp = 93.5%

Conical surface Flux(120deg):

313.53 lm

%lum = 99.1%

%lamp = 99.1%



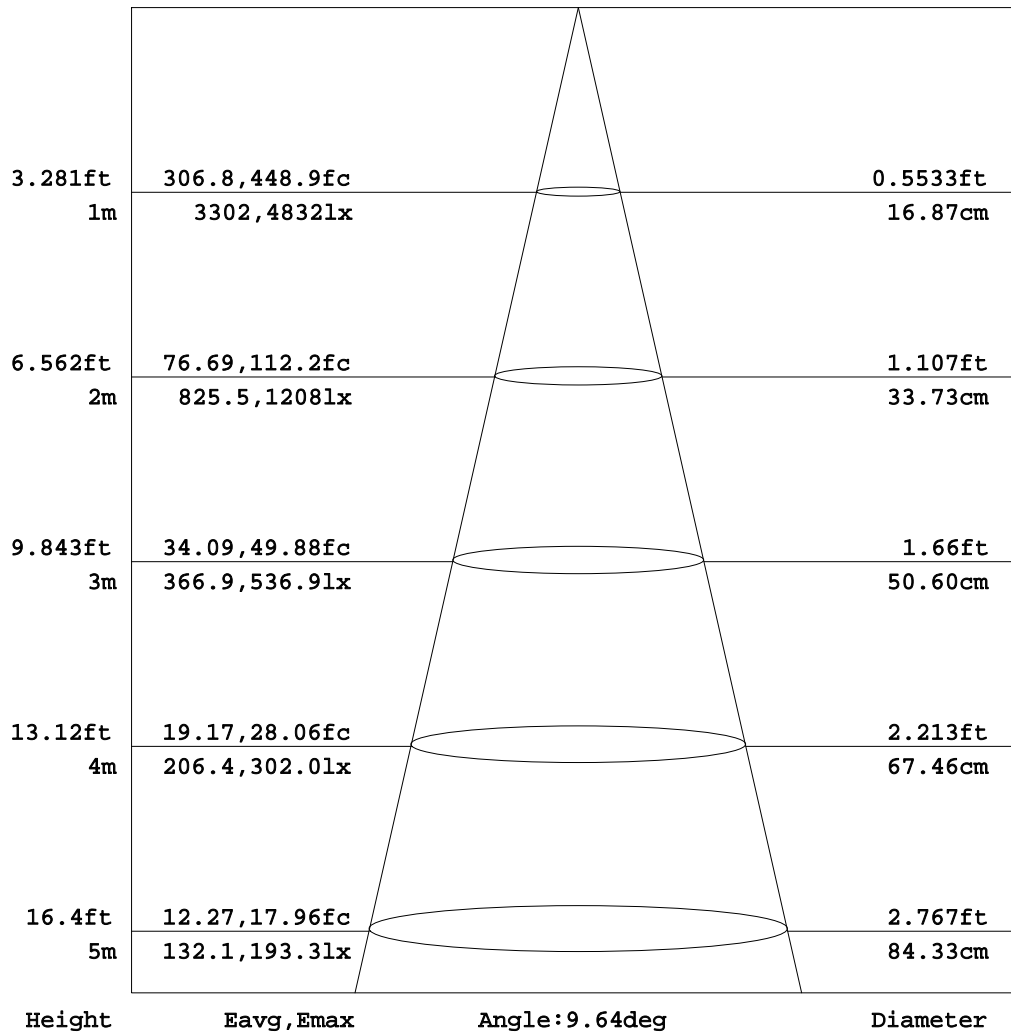
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.2DEG  
Operators:Cao Chengpei  
Test Date:2016-09-26

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:220.6V I:0.0516A P:10.16W PF:0.8920 Lamp Flux:316.223x1 lm		
NAME: S68S1-8.5W-927-S	TYPE:Downlight	SERIAL No.:
SPEC.:2700K	DIM.: L78mm*W78mm*H98mm	
MFR.: NEKO LIGHTING AG		

Flux out:79.40 lm



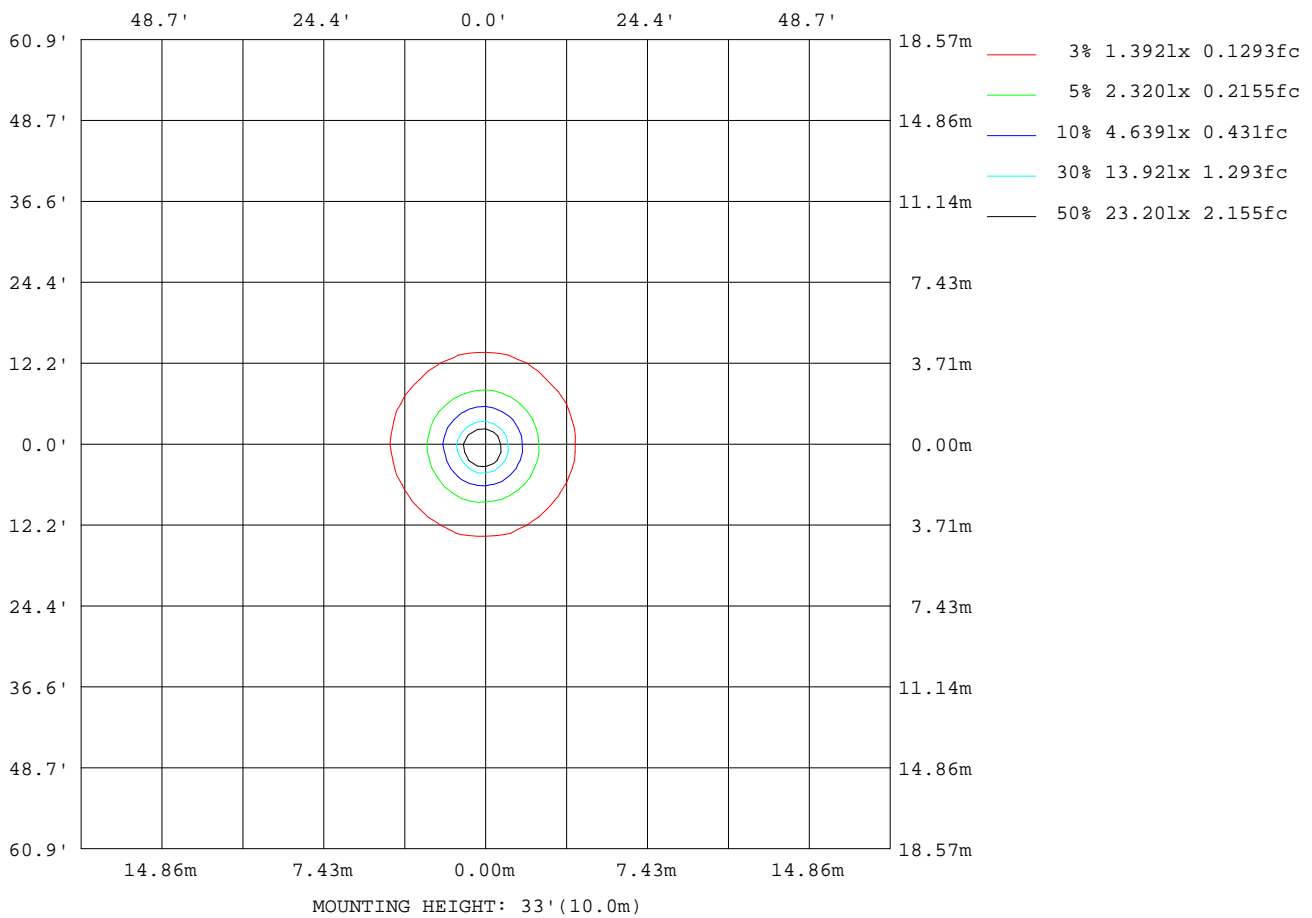
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.2DEG  
Operators: Cao Chengpei  
Test Date: 2016-09-26

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

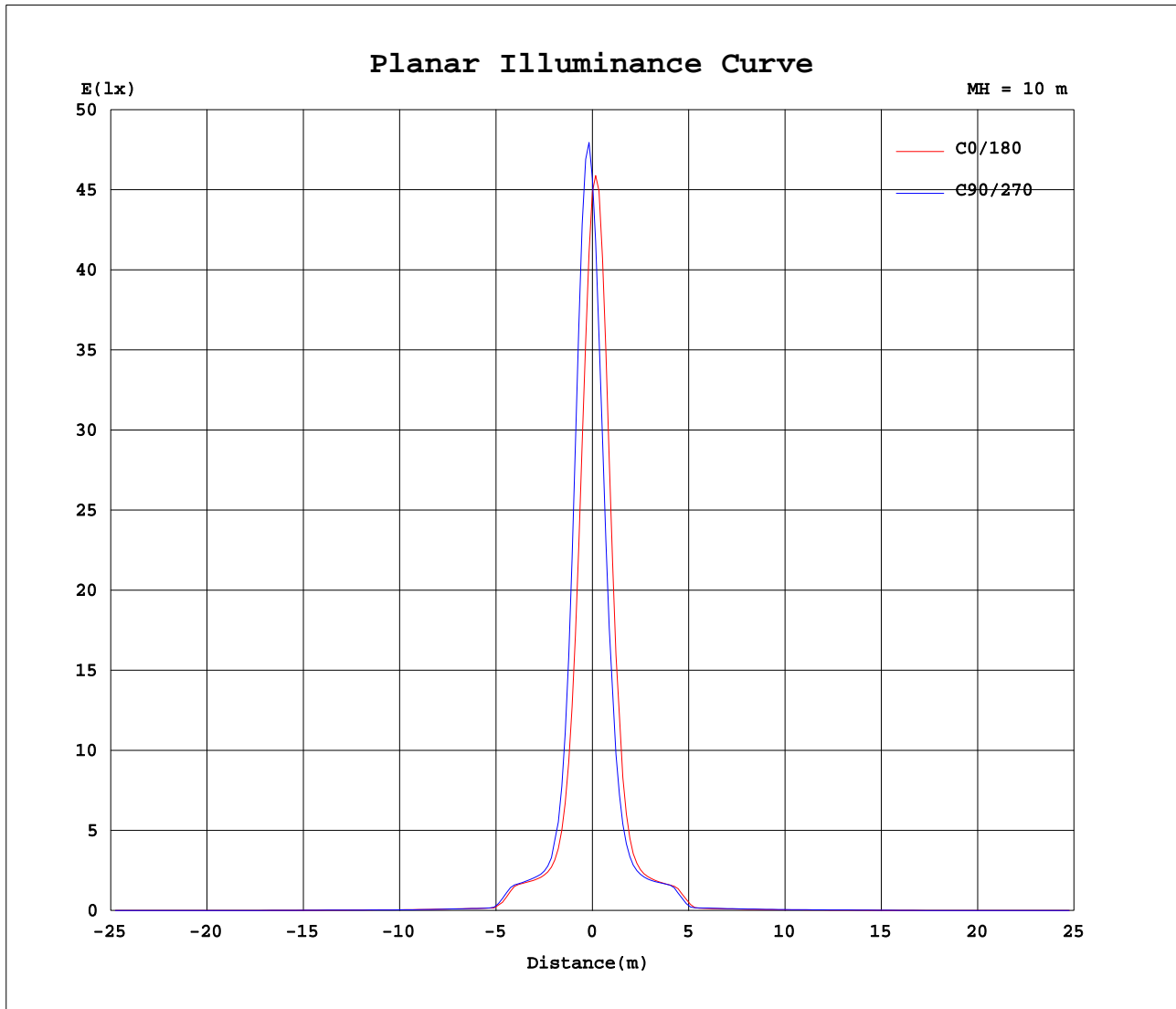
Test:U:220.6V I:0.0516A P:10.16W PF:0.8920 Lamp Flux:316.223x1 lm		
NAME: S68S1-8.5W-927-S	TYPE:Downlight	SERIAL No.:
SPEC.:2700K	DIM.: L78mm*W78mm*H98mm	
MFR.: NEKO LIGHTING AG		



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.2DEG  
Operators:Cao Chengpei  
Test Date:2016-09-26

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: 25.2DEG  
Operators: Cao Chengpei  
Test Date: 2016-09-26

$\gamma$  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	4488	4520	4524	4524	4548	4533	4569	4531	4567	4529
3.0	2928	3196	3343	3660	3850	4156	4301	4490	4475	4482
6.0	1291	1507	1537	1762	1877	2142	2233	2439	2410	2459
9.0	521.9	570.6	593.0	669.4	699.8	783.3	806.1	886.6	873.9	903.9
12.0	290.2	303.7	308.8	325.3	331.8	349.0	353.2	373.4	374.0	381.8
15.0	230.9	237.1	239.4	243.0	245.3	251.4	252.2	259.8	259.6	259.9
18.0	211.4	214.7	211.7	212.2	217.3	224.9	224.3	228.4	223.2	219.1
21.0	200.6	202.0	195.9	192.4	199.5	207.6	206.4	208.3	200.8	194.6
24.0	111.9	119.5	112.7	117.5	124.3	141.4	146.3	161.9	155.0	158.5
27.0	24.48	23.74	14.42	14.76	16.65	27.77	30.81	37.61	27.95	31.58
30.0	21.74	19.72	10.93	10.50	11.42	21.05	22.37	21.29	11.19	10.64
33.0	20.81	18.39	11.15	10.46	10.91	18.81	20.69	18.94	10.44	10.01
36.0	19.99	17.18	11.40	10.90	10.92	17.05	19.21	16.99	10.28	10.26
39.0	18.08	15.37	10.99	10.58	10.39	14.85	16.56	14.51	9.761	9.960
42.0	16.15	14.36	11.35	11.05	10.99	13.93	14.47	13.29	10.39	10.85
45.0	15.33	13.90	12.15	11.94	12.02	13.81	13.53	12.81	11.34	11.82
48.0	15.28	14.02	13.26	13.12	13.23	14.21	13.55	13.12	12.60	12.93
51.0	15.19	14.00	13.95	14.01	13.82	14.11	13.49	13.20	13.36	13.71
54.0	14.90	13.86	13.93	14.40	13.59	13.79	13.54	13.10	13.35	14.12
57.0	11.00	11.67	13.46	13.81	12.73	11.60	10.16	11.05	12.55	13.32
60.0	5.962	7.105	10.25	12.29	9.458	7.135	5.596	6.320	9.070	11.69
63.0	1.596	2.794	5.595	8.494	5.231	2.643	1.842	2.480	4.639	7.672
66.0	0.0363	0.0170	1.081	4.197	1.254	0.0170	0.0384	0.0128	1.110	3.601
69.0	0.0341	0.0128	0.0299	0.4141	0.0299	0.0149	0.0320	0.0128	0.0299	0.5304
72.0	0.0256	0.0128	0.0256	0.0149	0.0277	0.0149	0.0256	0.0128	0.0256	0.0149
75.0	0.0234	0.0128	0.0213	0.0149	0.0234	0.0149	0.0234	0.0128	0.0234	0.0149
78.0	0.0213	0.0128	0.0192	0.0149	0.0234	0.0149	0.0213	0.0128	0.0213	0.0149
81.0	0.0171	0.0128	0.0192	0.0149	0.0170	0.0149	0.0192	0.0128	0.0170	0.0149
84.0	0.0149	0.0128	0.0170	0.0149	0.0149	0.0149	0.0170	0.0128	0.0149	0.0149
87.0	0.0149	0.0128	0.0149	0.0149	0.0149	0.0149	0.0170	0.0128	0.0149	0.0149
90.0	0.0128	0.0128	0.0149	0.0149	0.0149	0.0149	0.0149	0.0128	0.0149	0.0149

G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	4561	4561	4488	4520	4524	4524	4533	4569	4531	4529
3.0	4298	4195	4090	3790	3622	3339	3216	3006	2960	2809
6.0	2282	2220	2209	1942	1829	1602	1528	1374	1392	1248
9.0	840.2	835.6	862.6	770.1	735.9	654.8	626.5	570.1	560.7	526.9
12.0	368.5	368.5	379.9	359.6	354.2	333.6	324.4	307.1	303.5	295.9
15.0	256.5	256.4	255.8	249.7	248.6	241.5	239.7	235.0	233.6	233.2
18.0	219.3	222.5	220.8	217.7	213.6	209.1	210.5	211.8	211.1	211.6
21.0	198.6	204.0	203.6	202.9	198.9	193.0	197.7	203.3	202.4	202.5
24.0	157.1	167.5	178.7	175.7	169.2	154.7	154.0	148.4	142.7	137.9
27.0	42.99	44.68	53.87	58.38	39.75	41.33	30.22	45.30	31.97	29.28
30.0	11.83	20.96	21.78	21.84	14.29	13.87	15.87	24.95	25.30	23.90
33.0	11.16	18.91	20.25	20.13	13.12	13.67	15.59	23.33	24.13	22.72
36.0	11.07	17.59	19.29	18.61	12.99	13.79	15.29	21.56	22.77	21.39
39.0	10.46	15.42	16.89	16.28	12.25	13.31	14.70	19.67	20.93	19.84
42.0	11.07	14.42	15.27	15.24	12.65	13.92	15.20	18.79	19.63	18.84
45.0	12.04	14.06	14.48	14.64	13.27	14.64	15.95	18.54	19.12	18.51
48.0	13.21	14.21	14.46	14.57	14.05	15.34	16.73	18.39	18.82	18.54
51.0	13.96	14.22	14.36	14.54	14.59	15.78	16.89	17.58	18.01	17.99
54.0	13.99	13.93	14.16	14.04	14.20	15.41	15.83	16.06	16.68	16.91
57.0	13.22	11.45	10.75	11.77	13.08	13.95	13.77	11.79	11.53	12.76
60.0	9.254	6.601	5.984	6.750	9.829	11.44	9.204	6.277	6.273	7.476
63.0	4.679	2.240	1.584	2.203	5.187	7.159	4.290	1.911	1.553	2.639
66.0	0.8007	0.0213	0.0170	0.0430	1.100	3.049	0.7374	0.0367	0.0149	0.0370
69.0	0.0320	0.0149	0.0149	0.0277	0.0128	0.02219	0.0149	0.0277	0.0149	0.0277
72.0	0.0256	0.0149	0.0149	0.0192	0.0128	0.0213	0.0149	0.0213	0.0149	0.0213
75.0	0.0234	0.0149	0.0149	0.0171	0.0128	0.0171	0.0149	0.0192	0.0149	0.0192
78.0	0.0213	0.0149	0.0149	0.0149	0.0128	0.0170	0.0149	0.0170	0.0149	0.0171
81.0	0.0170	0.0149	0.0149	0.0149	0.0128	0.0149	0.0149	0.0170	0.0149	0.0149
84.0	0.0149	0.0149	0.0149	0.0128	0.0128	0.0149	0.0149	0.0170	0.0149	0.0149
87.0	0.0149	0.0149	0.0149	0.0128	0.0128	0.0149	0.0149	0.0170	0.0149	0.0149
90.0	0.0149	0.0149	0.0149	0.0128	0.0128	0.0149	0.0149	0.0149	0.0149	0.0149

G/C	300.0	315.0	330.0	345.0
0.0	4567	4529	4561	4561
3.0	2855	2790	2919	2951
6.0	1319	1229	1351	1306
9.0	534.7	542.6	534.3	526.8
12.0	299.2	293.2	297.7	293.7
15.0	233.6	230.6	232.1	230.6
18.0	208.7	206.0	208.0	210.8
21.0	196.3	190.9	196.8	201.8

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.2DEG

Operators: Cao Chengpei

Test Date: 2016-09-26

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	125.7	114.5	120.5	121.8
27.0	20.75	15.29	17.95	25.38
30.0	14.85	12.92	13.36	22.02
33.0	15.21	13.26	12.74	20.48
36.0	15.59	13.75	13.16	19.22
39.0	15.59	14.28	13.57	17.73
42.0	16.01	15.09	14.21	16.62
45.0	16.65	15.97	15.08	16.18
48.0	17.46	16.87	16.02	16.22
51.0	17.78	17.37	16.37	15.66
54.0	17.15	16.97	15.75	14.87
57.0	15.68	15.63	14.43	11.96
60.0	11.08	13.19	10.59	6.967
63.0	6.163	8.592	5.548	2.688
66.0	1.426	4.049	1.332	0.0360
69.0	0.0149	0.3846	0.0128	0.0256
72.0	0.0149	0.0235	0.0128	0.0234
75.0	0.0149	0.0234	0.0128	0.0192
78.0	0.0149	0.0192	0.0128	0.0170
81.0	0.0149	0.0170	0.0128	0.0170
84.0	0.0149	0.0192	0.0128	0.0170
87.0	0.0149	0.0149	0.0128	0.0149
90.0	0.0149	0.0149	0.0149	0.0149

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.2DEG  
Operators: Cao Chengpei  
Test Date: 2016-09-26

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: