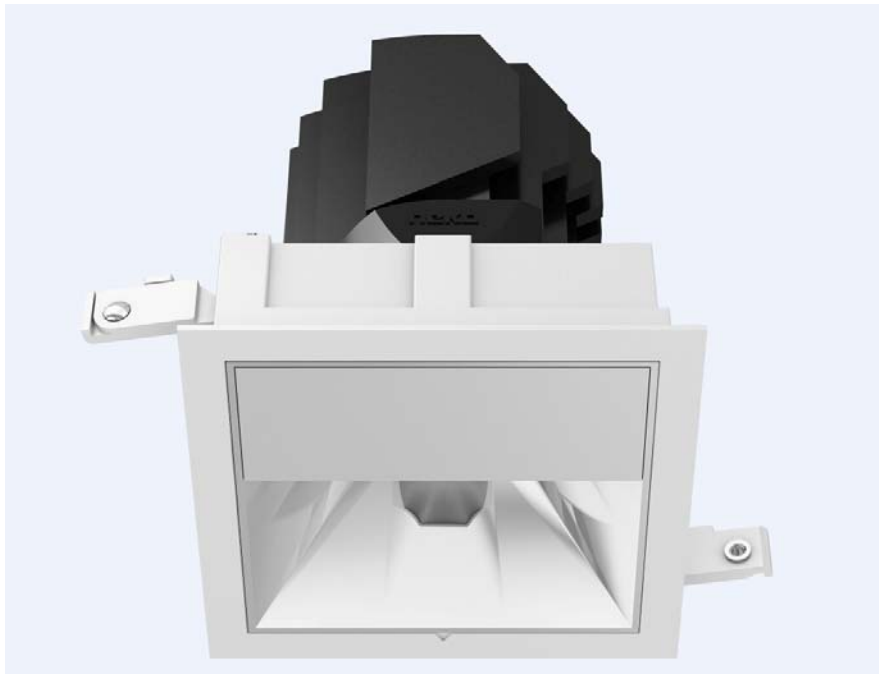


LED Downlight SENSE Series S100S3-13W-930



Light Output Ratio:	100.0%	
Luminaire Power:	14.28 W	
SHR Nominal:	1.00	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: 2017-05-13

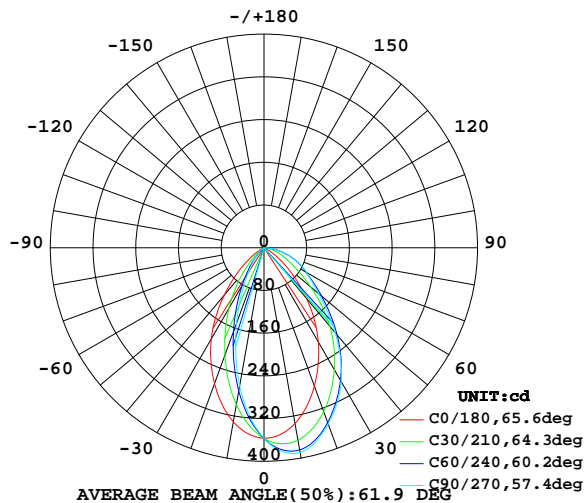
γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

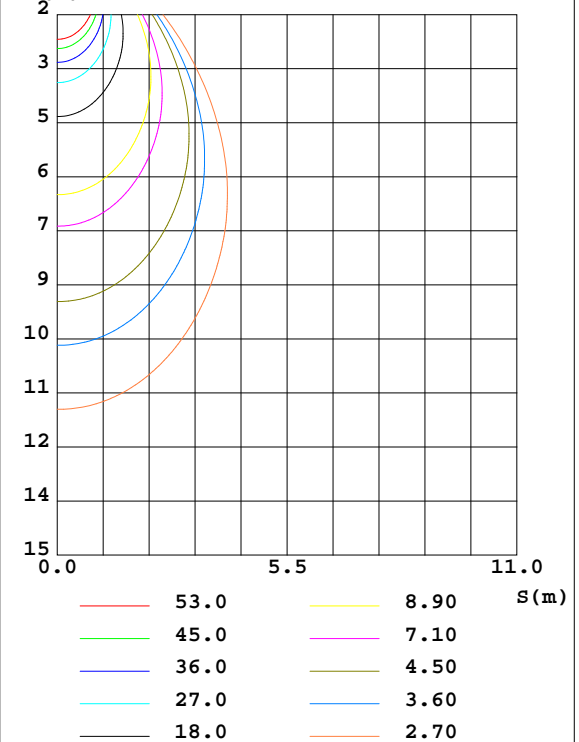
Test:U:220.7V I:0.0708A P:14.28W PF:0.9138 Lamp Flux:473.555x1 lm		
NAME: S100S3-13W-930	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 33.16 lm/W			
MODEL	CITIZEN-3000K	I _{max} (cd)	389.3	S/MH(C0/180)	0.92
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.55
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	473.55	η UP,DN(C0-180)	0.0,73.2
NOMINAL FLUX(lm)	473.555	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,26.8
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



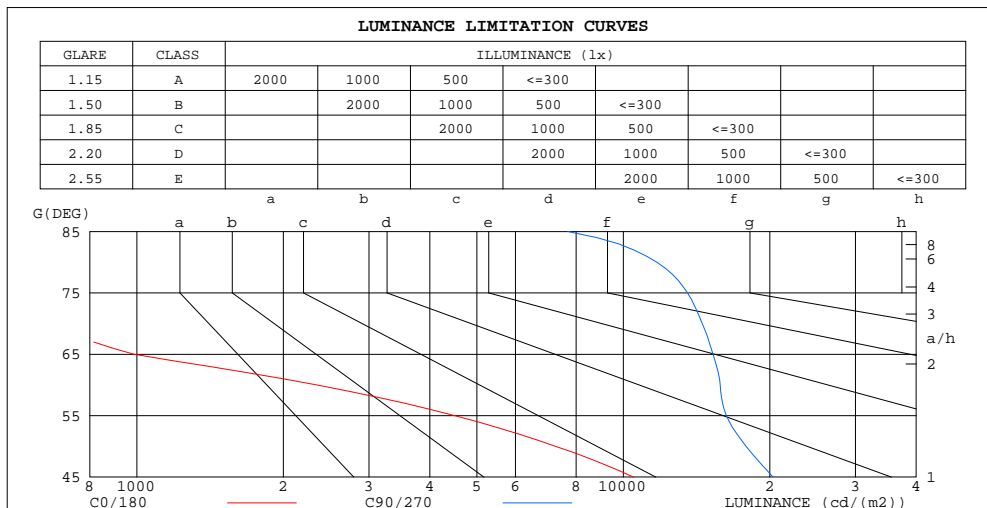
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-05-13

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	334.3	377.0	388.9	372.4	331.1	282.9	262.7	284.5	0- 10	32.71	32.71	6.91,6.91
20	275.9	341.9	351.4	335.8	270.9	186.5	150.7	188.2	10- 20	83.36	116.1	24.5,24.5
30	203.4	279.8	289.3	274.0	197.6	102.3	68.48	103.5	20- 30	103.6	219.7	46.4,46.4
40	124.3	211.1	207.3	204.6	115.8	39.45	25.25	40.67	30- 40	96.43	316.1	66.8,66.8
50	54.44	137.4	134.0	128.8	48.09	7.722	10.58	8.285	40- 50	70.44	386.5	81.6,81.6
60	13.67	79.91	92.23	75.00	10.94	1.781	2.949	1.995	50- 60	43.23	429.8	90.8,90.8
70	2.418	48.79	57.94	46.19	2.458	0.7352	0.8781	0.8292	60- 70	26.50	456.3	96.3,96.3
80	0.2873	20.24	23.74	17.65	0.1962	0.3042	0.3604	0.3894	70- 80	14.26	470.5	99.4,99.4
90	0.0459	0.0350	0.0284	0.0262	0.0175	0.0896	0.1421	0.1290	80- 90	3.028	473.6	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	127	7684
80	142	11721
75	323	13554
70	606	14525
65	986	15284
60	2344	15814
55	4504	16289
50	7261	17878
45	10493	20307

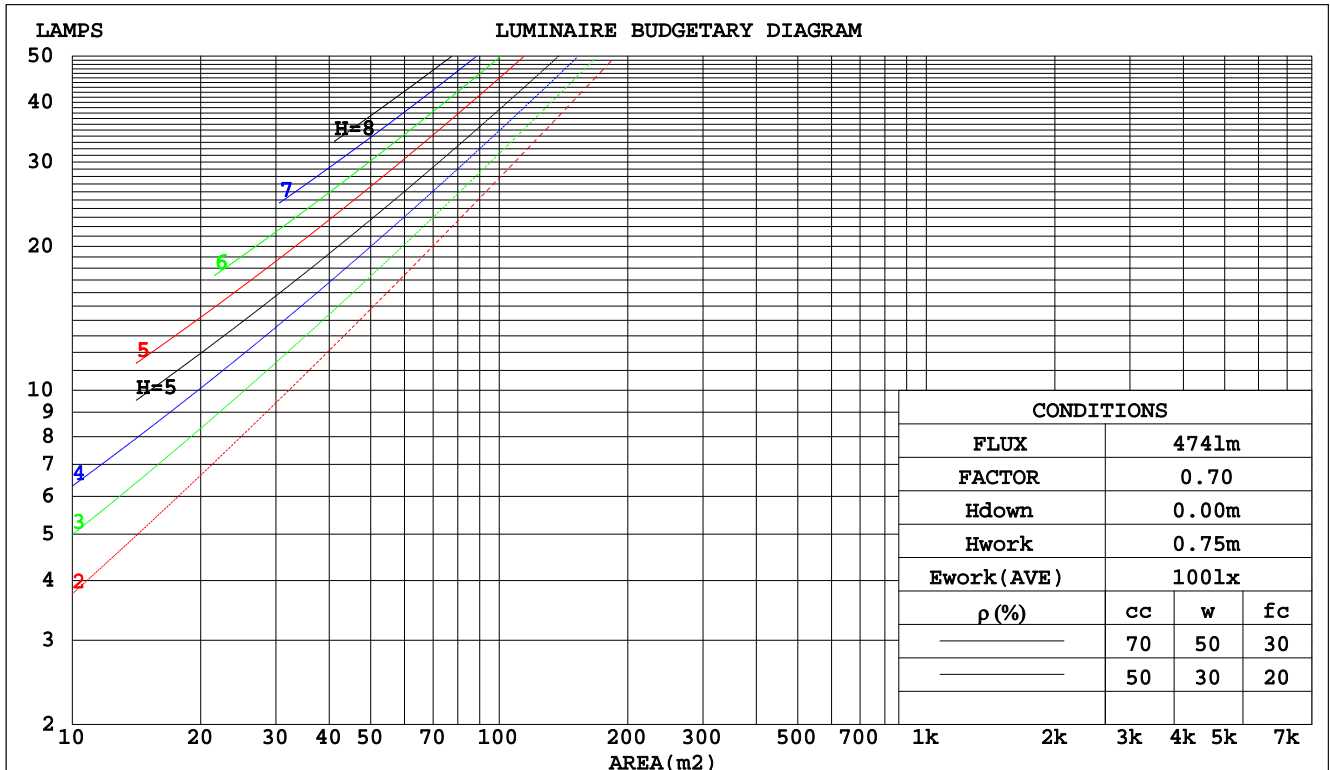
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-05-13

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:14.28W PF:0.9138 Lamp Flux:473.555x1 lm		
NAME: S100S3-13W-930	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	Coefficients of Utilization(CU)															
	RCR:Room Cavity Ratio															
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	1.08	1.04	1.01	1.05	1.02	.00	1.01	.99	.96	.97	.95	.94	.94	.92	.91	.89
2.0	.97	.92	.87	.95	.90	.86	.92	.88	.84	.89	.85	.82	.86	.83	.80	.79
3.0	.88	.81	.76	.86	.80	.75	.84	.78	.74	.81	.77	.73	.79	.75	.72	.70
4.0	.80	.73	.67	.79	.72	.67	.76	.71	.66	.74	.69	.65	.72	.68	.64	.62
5.0	.73	.66	.60	.72	.65	.60	.70	.64	.59	.68	.63	.59	.67	.62	.58	.56
6.0	.67	.60	.54	.66	.59	.54	.65	.58	.54	.63	.58	.53	.62	.57	.53	.51
7.0	.62	.55	.49	.61	.54	.49	.60	.54	.49	.59	.53	.49	.57	.52	.48	.47
8.0	.58	.50	.45	.57	.50	.45	.56	.49	.45	.55	.49	.45	.54	.48	.45	.43
9.0	.54	.47	.42	.53	.46	.42	.52	.46	.41	.51	.45	.41	.50	.45	.41	.40
10.0	.50	.43	.39	.50	.43	.39	.49	.43	.38	.48	.42	.38	.47	.42	.38	.37



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:14.28W PF:0.9138 Lamp Flux:473.555x1 lm		
NAME: S100S3-13W-930	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	.239	.136	.043	.232	.133	.042	.219	.126	.040	.208	.120	.038	.197	.114	.037	
2.0	.229	.126	.039	.223	.123	.038	.212	.118	.037	.202	.113	.035	.192	.109	.034	
3.0	.216	.115	.034	.211	.113	.034	.201	.109	.033	.192	.105	.032	.184	.102	.031	
4.0	.203	.105	.031	.198	.104	.031	.190	.100	.030	.182	.098	.029	.174	.095	.029	
5.0	.190	.097	.028	.186	.096	.028	.179	.093	.027	.172	.091	.027	.165	.088	.027	
6.0	.179	.090	.026	.175	.089	.025	.169	.086	.025	.162	.084	.025	.157	.082	.024	
7.0	.168	.083	.024	.165	.082	.023	.159	.081	.023	.154	.079	.023	.149	.077	.023	
8.0	.159	.078	.022	.156	.077	.022	.151	.075	.022	.146	.074	.021	.141	.073	.021	
9.0	.151	.073	.020	.148	.072	.020	.143	.071	.020	.139	.070	.020	.135	.068	.020	
10.0	.143	.069	.019	.141	.068	.019	.136	.067	.019	.132	.066	.019	.128	.065	.019	

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	.175	.157	.140	.150	.135	.120	.103	.093	.083	.059	.054	.048	.019	.017	.016	
2.0	.164	.132	.106	.140	.114	.091	.096	.079	.064	.055	.046	.037	.018	.015	.012	
3.0	.154	.114	.082	.132	.098	.071	.091	.068	.050	.052	.040	.029	.017	.013	.010	
4.0	.145	.100	.065	.125	.086	.057	.086	.060	.040	.050	.035	.024	.016	.011	.008	
5.0	.138	.089	.053	.118	.077	.046	.081	.054	.033	.047	.032	.019	.015	.010	.006	
6.0	.130	.080	.044	.112	.069	.038	.077	.049	.027	.045	.029	.016	.014	.009	.005	
7.0	.124	.073	.037	.107	.063	.033	.074	.044	.023	.043	.026	.014	.014	.009	.005	
8.0	.118	.067	.032	.102	.058	.028	.070	.041	.020	.041	.024	.012	.013	.008	.004	
9.0	.112	.062	.028	.097	.054	.024	.067	.038	.017	.039	.022	.010	.013	.007	.003	
10.0	.107	.058	.025	.093	.050	.022	.064	.035	.015	.037	.021	.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:0.0708A P:14.28W PF:0.9138 Lamp Flux:473.555x1 lm										
NAME: S100S3-13W-930					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	20.7	21.9	20.9	22.1	22.3	24.0	25.2	24.2	25.4	25.6
3H	20.7	21.8	21.0	22.0	22.3	25.3	26.5	25.6	26.7	26.9
4H	20.6	21.7	20.9	21.9	22.2	25.9	27.0	26.2	27.2	27.5
6H	20.5	21.6	20.9	21.8	22.1	26.3	27.3	26.6	27.6	27.9
8H	20.5	21.5	20.8	21.7	22.0	26.4	27.4	26.8	27.7	28.0
12H	20.4	21.4	20.8	21.7	22.0	26.5	27.4	26.8	27.7	28.0
4H 2H	21.7	22.8	22.0	23.0	23.3	24.3	25.4	24.6	25.6	25.8
3H	22.1	23.0	22.4	23.3	23.6	25.9	26.9	26.3	27.2	27.4
4H	22.1	23.0	22.5	23.3	23.6	26.7	27.5	27.0	27.8	28.2
6H	22.1	22.8	22.4	23.2	23.5	27.2	28.0	27.6	28.3	28.7
8H	22.0	22.7	22.4	23.1	23.4	27.4	28.1	27.8	28.5	28.8
12H	22.0	22.6	22.4	23.0	23.4	27.5	28.1	27.9	28.5	28.9
8H 4H	22.9	23.6	23.3	23.9	24.3	26.8	27.5	27.2	27.9	28.2
6H	22.9	23.5	23.4	23.9	24.3	27.5	28.1	27.9	28.5	28.9
8H	22.9	23.4	23.4	23.8	24.3	27.7	28.3	28.2	28.7	29.1
12H	22.9	23.3	23.3	23.8	24.2	27.9	28.3	28.4	28.8	29.2
12H 4H	23.0	23.6	23.4	24.0	24.4	26.8	27.4	27.2	27.8	28.2
6H	23.2	23.7	23.6	24.1	24.5	27.5	28.0	28.0	28.4	28.9
8H	23.2	23.6	23.6	24.0	24.5	27.8	28.2	28.2	28.7	29.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.9 / - 0.9					+ 0.3 / - 0.3				
1.5H	+ 0.5 / - 1.2					+ 0.1 / - 0.3				
2.0H	+ 1.1 / - 1.9					+ 0.3 / - 0.3				

CIE Pub.117 Corrected 473.6 lm Total Lamp Luminous Flux.(8log(F/F0) = -2.6)

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:14.28W PF:0.9138 Lamp Flux:473.555x1 lm		
NAME: S100S3-13W-930	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) $k(RI) \times RCR = 5$									
$k = 0.60$	71	62	56	70	61	56	69	61	56	51
0.80	80	71	65	79	71	65	78	70	65	59
1.00	87	79	73	86	78	73	84	79	72	67
1.25	93	85	80	92	84	79	89	83	78	73
1.50	97	90	84	95	89	84	93	87	83	77
2.00	102	96	91	100	94	90	97	92	88	82
2.50	105	99	94	103	98	93	99	95	92	84
3.00	107	102	98	105	100	97	101	98	95	87
4.00	110	106	102	108	104	101	104	101	98	90
5.00	112	108	105	110	106	104	105	103	101	92
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:0.0708A P:14.28W PF:0.9138 Lamp Flux:473.555x1 lm		
NAME: S100S3-13W-930	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

355.07 lm

%lum = 75.0%

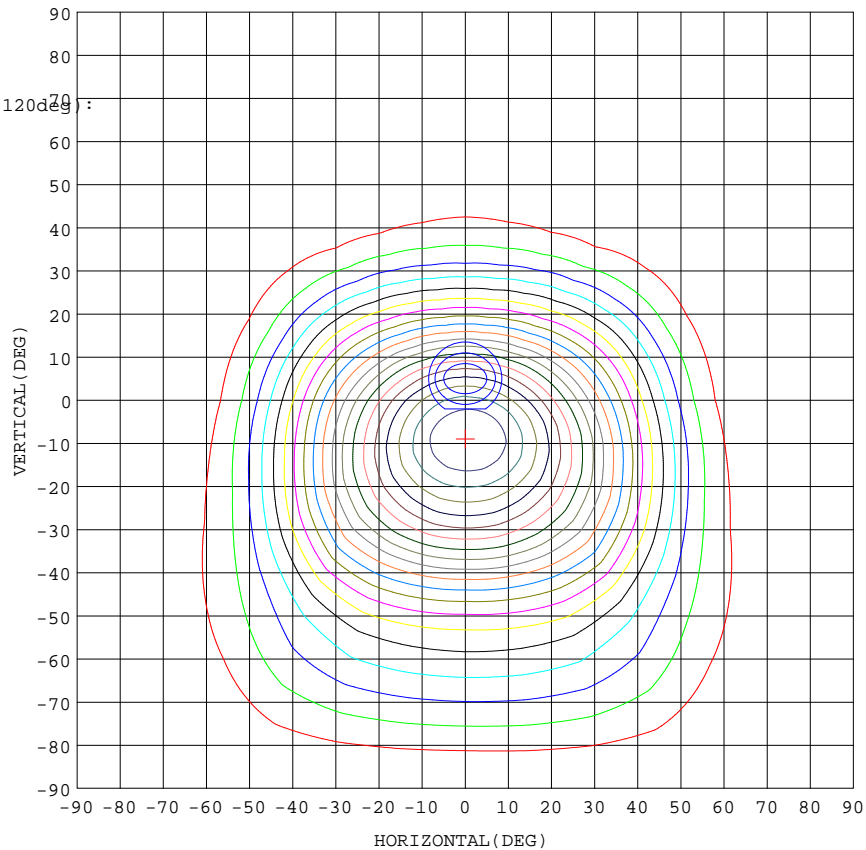
%lamp = 75.0%

Conical surface Flux(120deg):

429.77 lm

%lum = 90.8%

%lamp = 90.8%



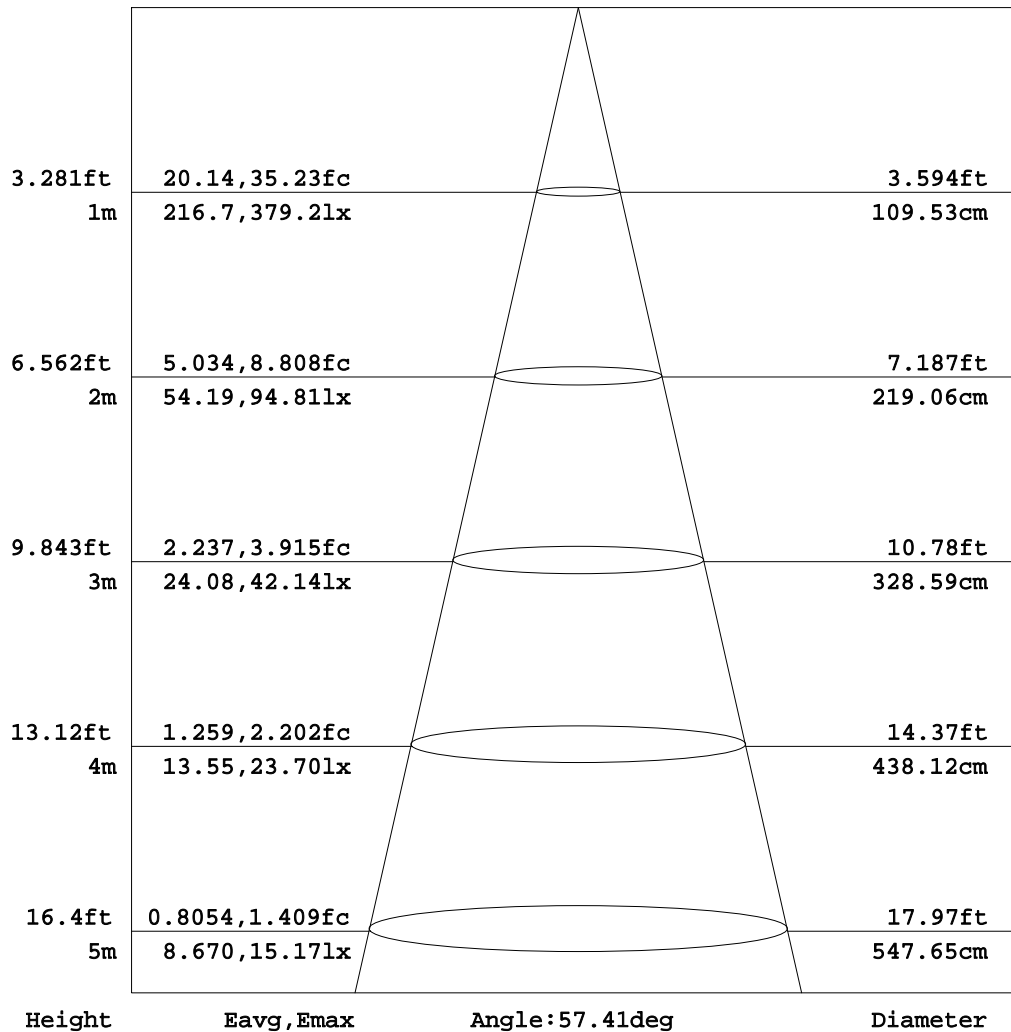
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-05-13

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:14.28W PF:0.9138 Lamp Flux:473.555x1 lm		
NAME: S100S3-13W-930	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		

Flux out:209.2 lm



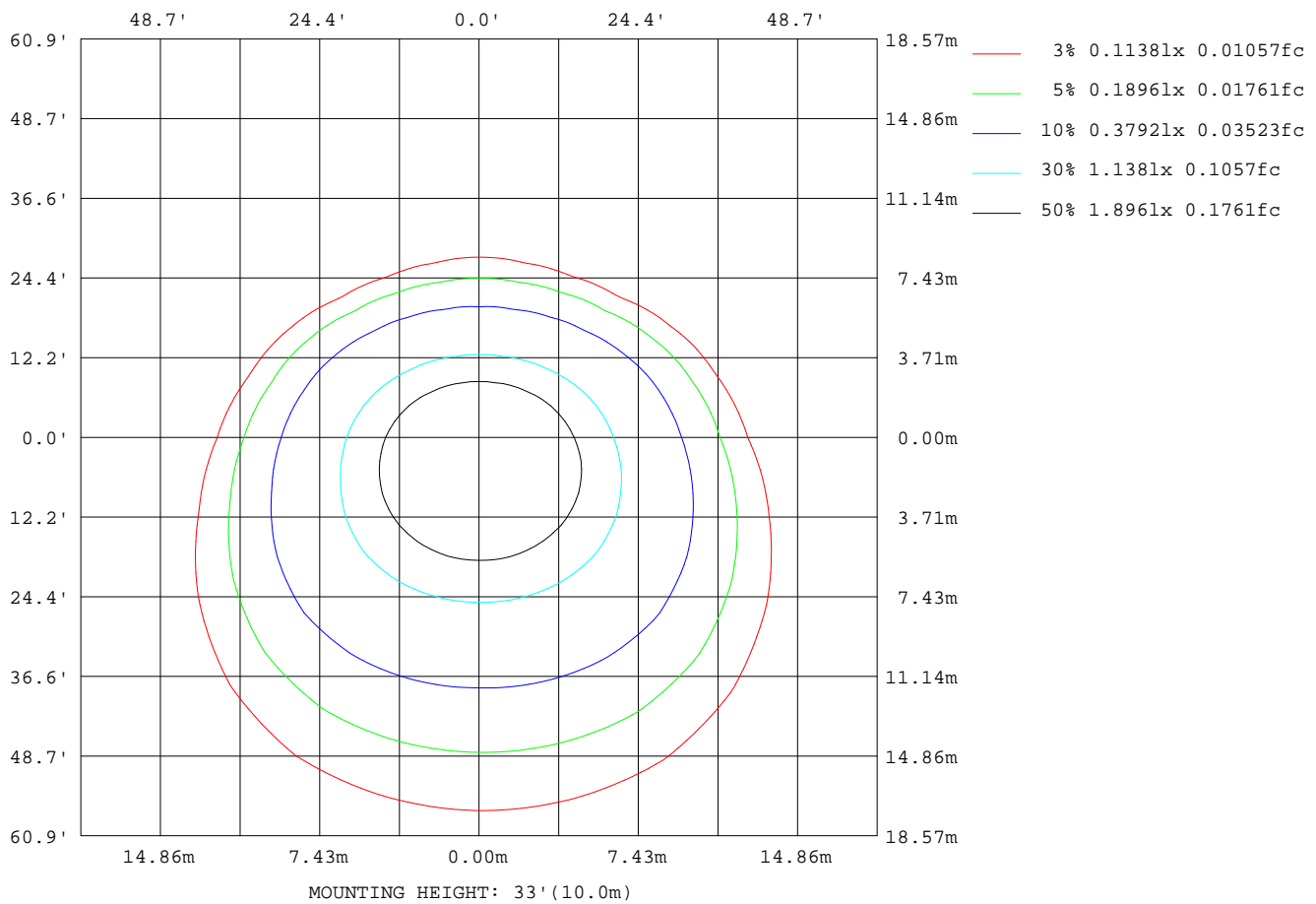
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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

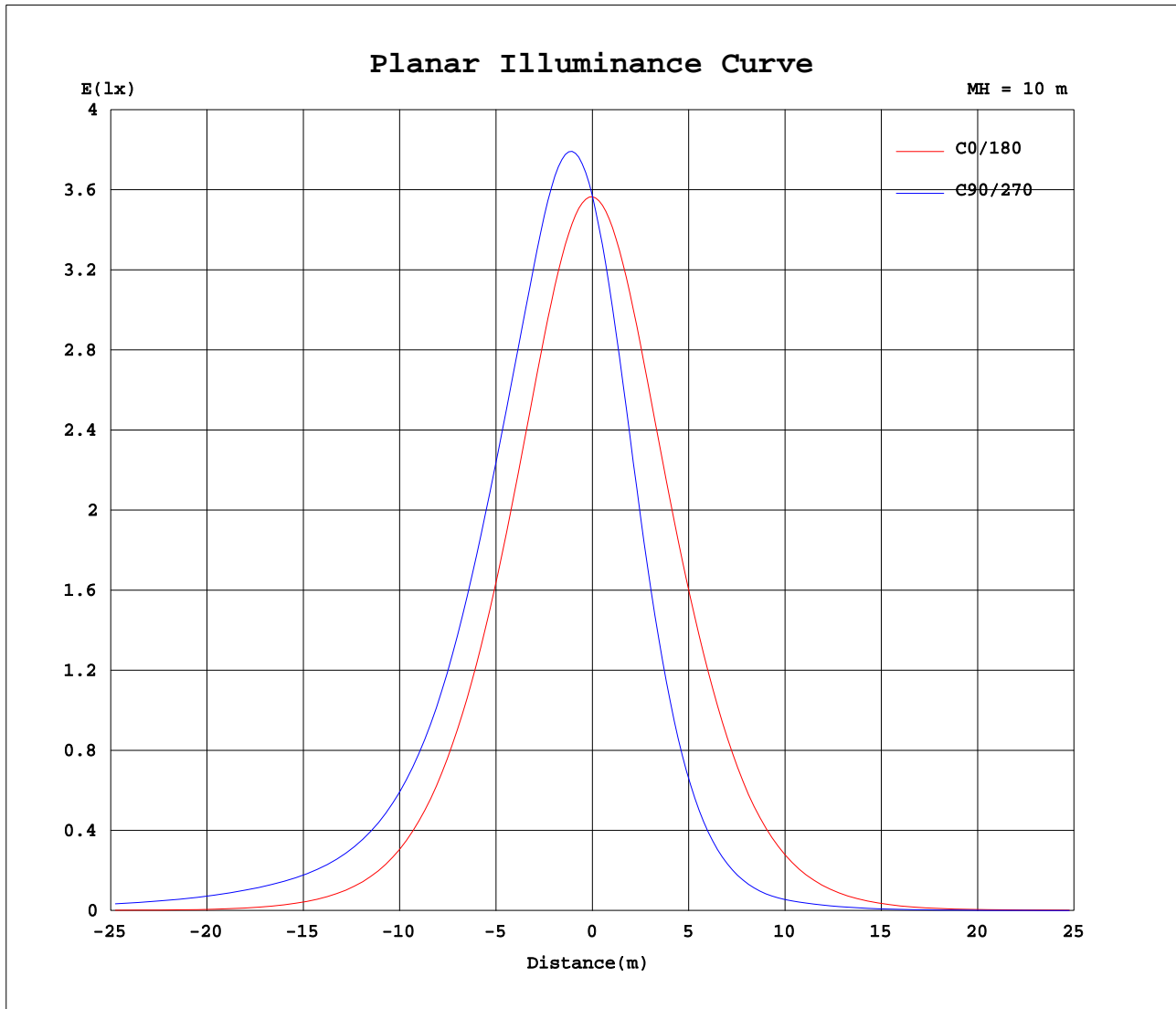
Test:U:220.7V I:0.0708A P:14.28W PF:0.9138 Lamp Flux:473.555x1 lm		
NAME: S100S3-13W-930	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		



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	356.6	356.6	357.2	356.7	357.3	356.4	357.0	356.0	356.5	355.7
3.0	354.8	360.5	365.5	369.3	372.6	373.9	374.6	373.1	371.0	367.2
6.0	348.8	359.7	369.0	376.4	382.0	384.7	385.5	383.5	379.6	373.2
9.0	338.6	354.3	367.4	377.8	384.9	388.7	389.3	386.9	381.7	373.5
12.0	324.8	345.0	361.2	373.8	381.4	385.5	385.9	383.6	377.7	368.6
15.0	308.2	332.1	350.9	364.9	372.4	376.1	376.0	374.2	368.5	359.1
18.0	289.3	316.4	337.3	352.0	359.1	362.0	361.8	360.5	355.3	346.1
21.0	269.0	298.6	321.0	336.3	342.8	346.0	345.9	344.6	339.3	330.3
24.0	247.7	279.2	302.9	318.5	325.1	328.8	328.7	327.5	321.8	312.6
27.0	225.9	258.9	283.5	299.6	306.4	310.2	310.0	308.8	303.1	293.6
30.0	203.4	237.7	263.5	279.8	286.7	290.2	289.3	288.4	283.3	274.0
33.0	180.0	215.3	242.9	259.6	265.9	267.8	266.3	265.7	262.3	253.6
36.0	156.5	192.1	221.6	239.1	243.9	243.6	241.3	241.3	240.0	233.1
39.0	132.3	167.7	199.6	218.2	220.8	218.7	215.7	216.3	216.3	211.9
42.0	108.9	143.4	176.0	196.9	197.5	194.1	190.9	191.8	192.9	189.9
45.0	86.54	119.6	152.4	175.1	175.0	171.0	167.5	168.7	170.4	166.9
48.0	66.54	97.78	129.5	152.2	154.0	150.0	146.6	147.7	149.1	143.6
51.0	48.96	77.92	107.9	130.0	134.6	131.6	128.4	129.2	129.6	121.4
54.0	34.38	60.34	88.60	109.9	117.4	115.3	113.2	113.1	112.7	102.7
57.0	22.63	45.30	72.14	93.37	102.8	102.5	101.6	100.6	98.79	87.32
60.0	13.67	33.31	58.82	79.91	90.97	92.34	92.23	90.61	87.64	75.00
63.0	7.488	24.68	47.81	69.01	80.89	82.90	82.34	80.94	77.98	65.40
66.0	4.227	18.36	39.11	60.04	71.20	72.50	71.87	70.48	68.18	57.29
69.0	2.819	14.26	31.89	51.57	60.94	62.18	61.47	60.21	57.85	49.03
72.0	1.740	10.37	25.41	43.04	50.76	51.90	51.13	50.03	47.92	40.45
75.0	0.9756	6.943	18.97	34.49	40.71	41.72	40.92	39.99	38.03	31.93
78.0	0.4716	4.032	12.85	25.93	30.75	31.51	30.62	29.90	28.18	23.34
81.0	0.2345	1.860	7.423	17.41	20.80	21.31	20.36	19.86	18.37	14.87
84.0	0.1489	0.6056	3.205	9.287	11.34	11.64	10.77	10.42	9.246	6.977
87.0	0.0920	0.1309	0.7680	2.785	3.265	3.048	2.385	2.115	1.566	1.033
90.0	0.0459	0.0437	0.0394	0.0350	0.0415	0.0328	0.0284	0.0284	0.0284	0.0262
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	355.9	355.4	356.6	357.2	357.3	356.7	357.0	356.4	357.0	356.0
3.0	363.0	357.8	353.7	348.3	343.8	339.1	336.5	333.6	333.7	333.5
6.0	365.0	355.4	346.6	335.7	326.5	317.1	311.3	306.0	305.7	306.3
9.0	362.1	348.8	335.5	319.6	305.7	291.9	282.6	274.8	273.9	273.3
12.0	354.8	338.2	321.1	300.6	282.5	264.3	251.3	241.1	239.4	241.6
15.0	343.7	324.4	303.7	279.6	257.5	235.0	218.9	206.9	204.6	207.4
18.0	329.5	308.0	284.5	257.3	231.6	205.6	187.4	174.3	171.6	174.7
21.0	313.0	289.9	264.0	234.2	205.4	177.2	157.7	143.9	140.9	144.2
24.0	294.8	270.2	242.6	211.0	179.7	150.3	130.2	116.5	112.8	116.7
27.0	275.3	249.6	220.5	187.7	155.1	125.4	105.1	92.35	88.84	92.44
30.0	255.2	227.9	197.6	164.3	131.3	102.3	83.08	71.55	68.48	71.55
33.0	234.2	204.5	173.5	140.6	108.4	81.05	63.65	53.93	51.73	53.94
36.0	212.1	179.8	148.8	116.8	86.97	61.70	46.90	39.66	38.43	39.77
39.0	188.3	154.9	123.9	93.96	67.27	44.50	32.91	28.44	28.11	28.62
42.0	164.4	130.7	100.5	72.65	49.61	30.44	21.83	19.84	20.44	20.09
45.0	141.0	107.7	78.89	53.48	35.01	19.45	13.62	14.09	15.67	14.41
48.0	118.8	86.74	59.47	37.80	23.42	11.52	8.406	10.76	12.53	11.07
51.0	98.13	67.89	42.89	25.14	14.64	6.213	5.909	8.056	9.642	8.328
54.0	80.06	51.59	29.27	15.36	8.294	3.357	4.248	5.811	6.968	6.023
57.0	65.07	38.15	18.57	8.246	4.091	2.401	3.058	3.999	4.646	4.148
60.0	52.97	28.24	10.94	3.593	1.815	1.781	2.212	2.666	2.949	2.771
63.0	43.78	21.54	6.274	1.288	1.155	1.355	1.618	1.797	1.915	1.876
66.0	36.41	16.84	4.300	0.8207	0.8848	1.044	1.193	1.276	1.330	1.326
69.0	29.75	12.69	2.873	0.6193	0.6881	0.8008	0.9043	0.9366	0.9654	0.9804
72.0	23.12	8.842	1.748	0.4749	0.5308	0.6171	0.6946	0.7156	0.7339	0.7332
75.0	16.63	5.520	0.9316	0.3546	0.4041	0.4749	0.5308	0.5427	0.5549	0.5515
78.0	10.62	2.852	0.4010	0.2626	0.3014	0.3654	0.3997	0.4179	0.4260	0.4288
81.0	5.444	1.048	0.1440	0.1838	0.2140	0.2779	0.3101	0.3260	0.3276	0.3370
84.0	1.768	0.2003	0.0763	0.1204	0.1419	0.2079	0.2228	0.2451	0.2425	0.2582
87.0	0.1890	0.0415	0.0327	0.0679	0.0807	0.1466	0.1638	0.1904	0.1835	0.1991
90.0	0.0262	0.0241	0.0175	0.0328	0.0481	0.0896	0.1071	0.1443	0.1421	0.1531
G/C	300.0	315.0	330.0	345.0						
0.0	356.5	355.7	355.9	355.4						
3.0	336.5	339.1	343.9	348.5						
6.0	311.9	318.0	327.7	337.3						
9.0	283.5	293.3	307.7	322.2						
12.0	252.4	266.1	285.1	304.1						
15.0	219.9	236.8	260.3	283.7						
18.0	188.4	207.4	234.6	261.6						
21.0	158.4	178.7	208.2	238.7						

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	130.8	151.8	182.4	215.5
27.0	105.5	126.6	157.7	192.3
30.0	83.36	103.5	134.2	169.0
33.0	63.98	82.12	111.0	145.7
36.0	47.31	62.83	89.61	123.1
39.0	33.47	45.73	70.13	100.8
42.0	22.47	31.58	52.76	79.43
45.0	14.29	20.42	37.93	60.23
48.0	9.044	12.22	25.98	43.50
51.0	6.416	6.712	16.73	30.03
54.0	4.626	3.729	9.899	19.37
57.0	3.311	2.670	5.171	11.29
60.0	2.396	1.995	2.379	5.598
63.0	1.747	1.510	1.330	2.158
66.0	1.297	1.164	1.014	0.9720
69.0	0.9764	0.8993	0.7821	0.7242
72.0	0.7536	0.7003	0.6094	0.5515
75.0	0.5767	0.5318	0.4675	0.4223
78.0	0.4566	0.4396	0.3933	0.3521
81.0	0.3494	0.3436	0.3056	0.2671
84.0	0.2555	0.2452	0.2008	0.1686
87.0	0.1900	0.1794	0.1310	0.1117
90.0	0.1509	0.1290	0.0962	0.0634

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: