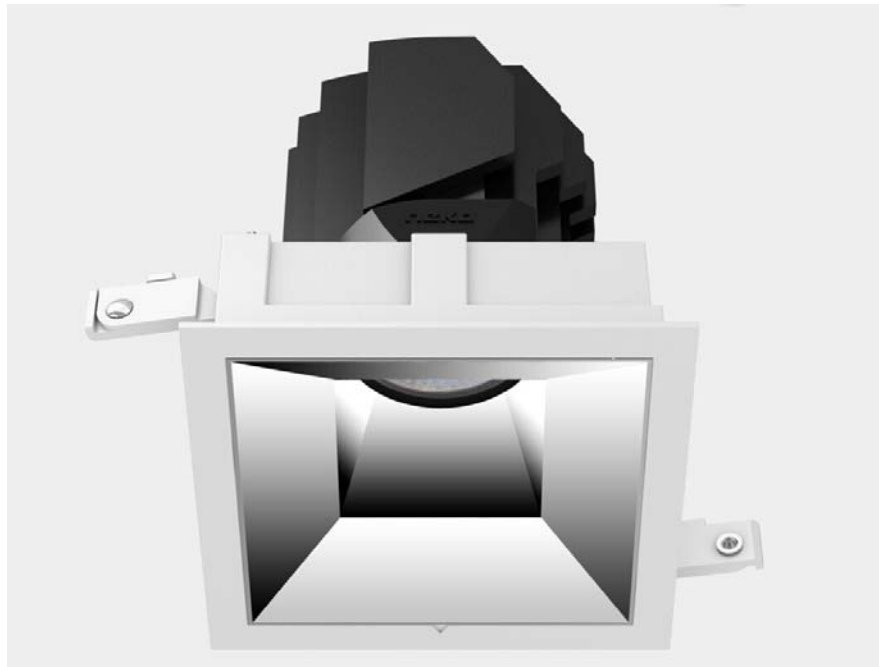


LED Downlight SENSE Series S100S2-13W-940-W



Light Output Ratio:	100.0%	
Luminaire Power:	14.31 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

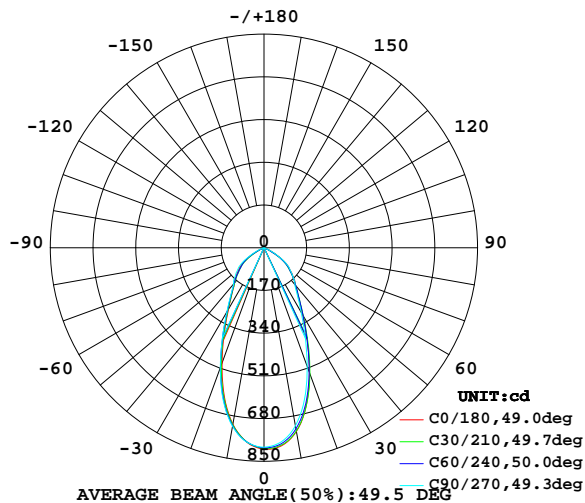
γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

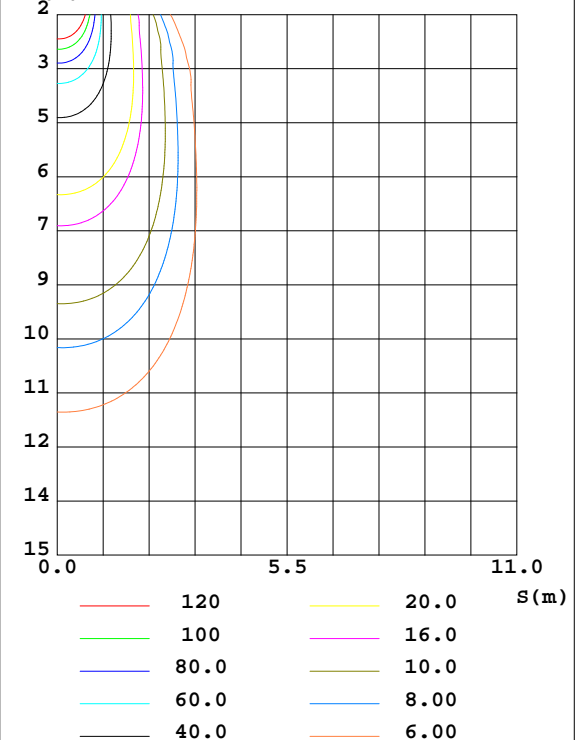
Test:U:220.7V I:0.0710A P:14.31W PF:0.9158 Lamp Flux:798.569x1 lm		
NAME: S100S2-13W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 55.80 lm/W			
MODEL	CITIZEN-4000K	I _{max} (cd)	802.1	S/MH(C0/180)	0.74
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.76
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	798.57	η UP,DN(C0-180)	0.0,50.1
NOMINAL FLUX(lm)	798.569	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.9
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)



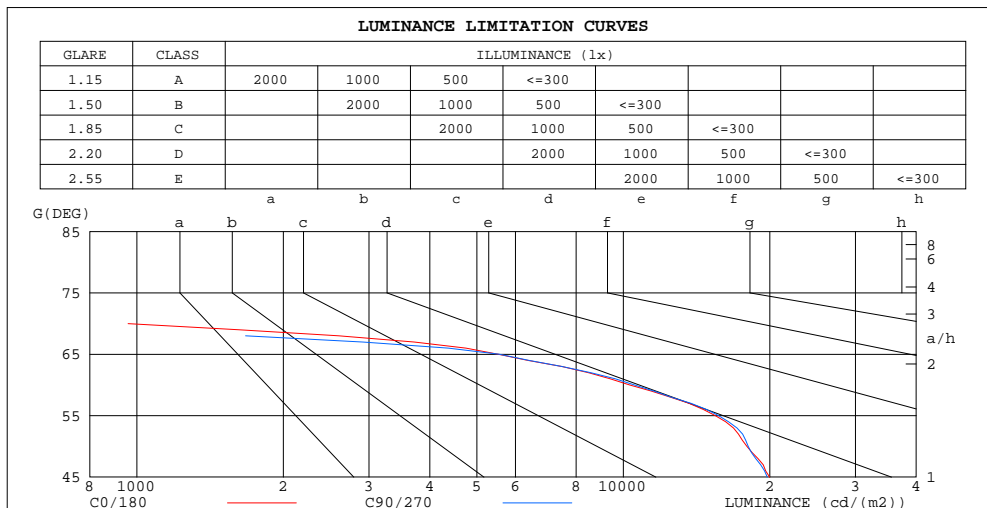
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-05-13

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:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	742.7	739.2	719.8	709.9	713.4	715.5	721.8	731.1	0- 10	72.51	72.51	9.08,9.08
20	528.8	536.1	503.6	495.7	488.7	500.1	508.5	528.7	10- 20	173.9	246.4	30.9,30.9
30	308.1	313.8	295.7	285.2	283.8	285.1	296.3	305.4	20- 30	180.6	427.0	53.5,53.5
40	194.7	196.9	191.9	180.6	182.6	178.0	187.9	189.2	30- 40	147.0	574.0	71.9,71.9
50	134.5	116.8	135.4	104.9	128.7	104.9	137.2	113.0	40- 50	121.7	695.7	87.1,87.1
60	60.08	57.22	61.46	49.48	52.95	52.96	66.53	59.33	50- 60	84.11	779.8	97.6,97.6
70	3.826	3.007	1.697	2.049	1.994	2.485	2.848	3.578	60- 70	18.11	797.9	99.9,99.9
80	0.0547	0.0415	0.0569	0.0372	0.0328	0.0417	0.0587	0.0660	70- 80	0.6297	798.5	100,100
90	0.0437	0.0394	0.0415	0.0372	0.0306	0.0328	0.0350	0.0328	80- 90	0.0391	798.6	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(°)	C0/180	C90/270
85	43	41
80	27	28
75	194	140
70	959	425
65	5526	5553
60	10302	10538
55	15466	15698
50	17945	18057
45	19993	19769

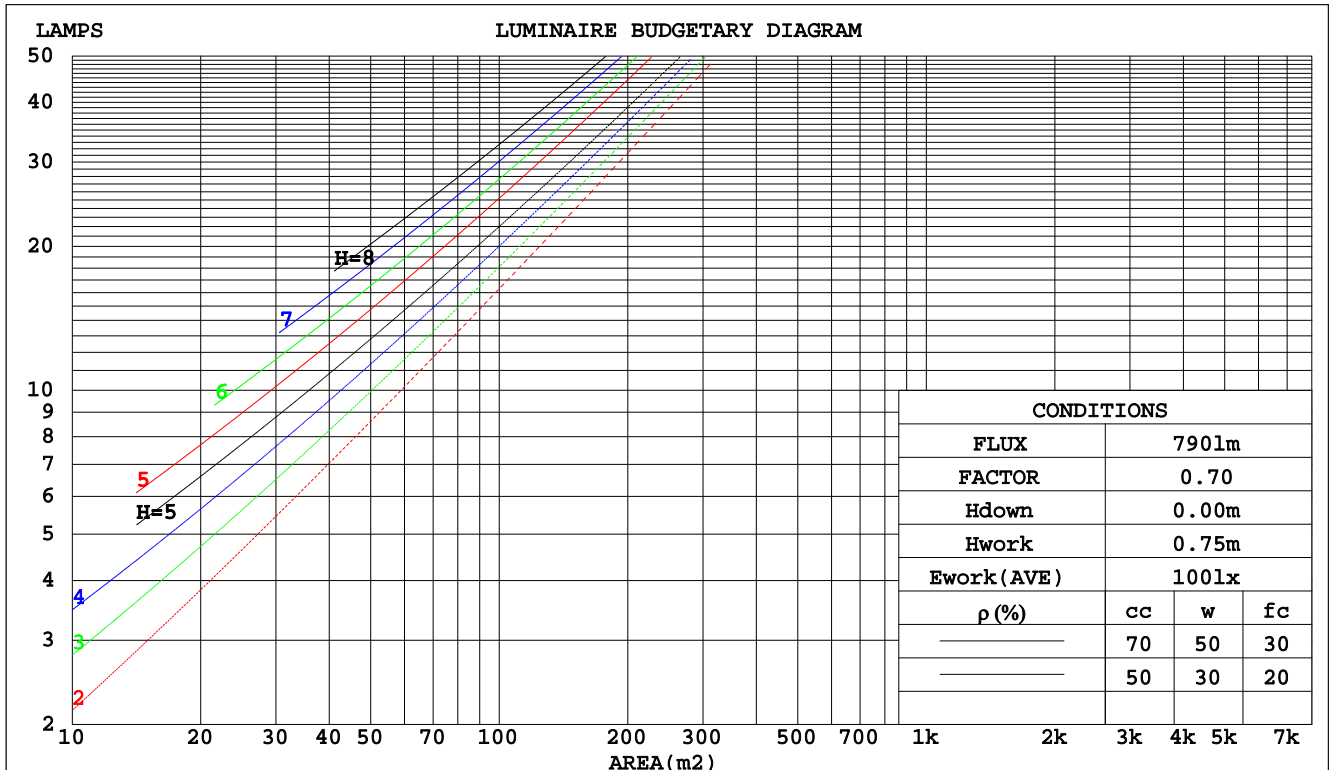
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-05-13

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:0.0710A P:14.31W PF:0.9158 Lamp Flux:798.569x1 lm		
NAME: S100S2-13W-940-W	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	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	1.09	1.06	1.04	1.07	1.05	1.02	1.03	1.01	.99	.99	.98	.96	.96	.94	.93	.91
2.0	.00	.95	.91	.98	.94	.90	.95	.91	.88	.92	.89	.86	.89	.87	.84	.83
3.0	.91	.85	.81	.90	.85	.80	.87	.83	.79	.85	.81	.78	.82	.79	.76	.75
4.0	.84	.77	.72	.83	.77	.72	.80	.75	.71	.78	.74	.70	.76	.72	.69	.68
5.0	.77	.70	.65	.76	.70	.65	.74	.69	.64	.73	.68	.64	.71	.67	.63	.62
6.0	.71	.64	.59	.71	.64	.59	.69	.63	.59	.67	.62	.58	.66	.62	.58	.56
7.0	.66	.59	.55	.66	.59	.54	.64	.58	.54	.63	.58	.54	.62	.57	.53	.52
8.0	.62	.55	.50	.61	.55	.50	.60	.54	.50	.59	.54	.50	.58	.53	.49	.48
9.0	.58	.51	.47	.57	.51	.47	.56	.50	.46	.55	.50	.46	.54	.50	.46	.45
10.0	.54	.48	.43	.54	.48	.43	.53	.47	.43	.52	.47	.43	.51	.47	.43	.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:14.31W PF:0.9158 Lamp Flux:798.569x1 lm		
NAME: S100S2-13W-940-W	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	.206	.117	.037	.199	.113	.036	.186	.107	.034	.174	.101	.032	.164	.095	.031	
2.0	.201	.110	.034	.195	.108	.033	.185	.103	.032	.175	.098	.031	.165	.093	.029	
3.0	.193	.103	.031	.188	.101	.030	.179	.097	.029	.170	.093	.029	.162	.090	.028	
4.0	.184	.095	.028	.179	.094	.028	.171	.091	.027	.164	.088	.026	.156	.085	.026	
5.0	.174	.089	.026	.171	.088	.026	.163	.085	.025	.157	.083	.025	.150	.080	.024	
6.0	.165	.083	.024	.162	.082	.024	.156	.080	.023	.150	.078	.023	.144	.076	.023	
7.0	.157	.078	.022	.154	.077	.022	.148	.075	.022	.143	.073	.021	.138	.072	.021	
8.0	.149	.073	.020	.146	.072	.020	.141	.071	.020	.136	.069	.020	.132	.068	.020	
9.0	.142	.068	.019	.139	.068	.019	.135	.067	.019	.130	.065	.019	.126	.064	.019	
10.0	.135	.065	.018	.133	.064	.018	.128	.063	.018	.125	.062	.018	.121	.061	.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	.150	.114	.085	.128	.098	.074	.088	.068	.052	.051	.040	.031	.016	.013	.010	
4.0	.141	.100	.068	.121	.086	.059	.083	.060	.042	.048	.035	.025	.015	.011	.008	
5.0	.133	.088	.055	.114	.076	.048	.079	.053	.034	.046	.031	.020	.015	.010	.007	
6.0	.126	.079	.046	.108	.069	.040	.075	.048	.028	.043	.028	.017	.014	.009	.006	
7.0	.120	.072	.039	.103	.063	.034	.071	.044	.024	.041	.026	.014	.013	.008	.005	
8.0	.114	.066	.033	.098	.057	.029	.068	.040	.021	.039	.024	.012	.013	.008	.004	
9.0	.108	.061	.029	.093	.053	.025	.065	.037	.018	.038	.022	.011	.012	.007	.004	
10.0	.104	.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:14.31W PF:0.9158 Lamp Flux:798.569x1 lm										
NAME: S100S2-13W-940-W					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	20.7	21.8	21.0	22.0	22.2	20.6	21.8	20.9	21.9	22.1
3H	20.6	21.6	20.8	21.8	22.0	20.5	21.5	20.7	21.7	21.9
4H	20.5	21.5	20.8	21.7	21.9	20.4	21.4	20.7	21.6	21.8
6H	20.4	21.3	20.7	21.5	21.8	20.3	21.2	20.6	21.4	21.7
8H	20.3	21.2	20.6	21.5	21.7	20.2	21.1	20.5	21.4	21.6
12H	20.3	21.1	20.6	21.4	21.7	20.2	21.0	20.5	21.3	21.6
4H 2H	20.7	21.7	21.0	21.9	22.1	20.6	21.6	20.9	21.8	22.1
3H	20.5	21.4	20.9	21.7	22.0	20.5	21.3	20.8	21.6	21.9
4H	20.5	21.2	20.8	21.5	21.8	20.4	21.1	20.7	21.4	21.7
6H	20.4	21.0	20.7	21.4	21.7	20.3	20.9	20.6	21.3	21.6
8H	20.3	20.9	20.7	21.3	21.7	20.2	20.8	20.6	21.2	21.6
12H	20.3	20.8	20.7	21.2	21.6	20.2	20.7	20.6	21.1	21.5
8H 4H	20.3	20.9	20.7	21.3	21.7	20.2	20.8	20.6	21.2	21.6
6H	20.2	20.7	20.6	21.1	21.5	20.1	20.6	20.6	21.0	21.4
8H	20.2	20.6	20.6	21.0	21.5	20.1	20.5	20.5	20.9	21.4
12H	20.1	20.5	20.6	20.9	21.4	20.0	20.4	20.5	20.8	21.3
12H 4H	20.3	20.8	20.7	21.2	21.6	20.2	20.7	20.6	21.1	21.5
6H	20.2	20.6	20.6	21.0	21.5	20.1	20.5	20.5	20.9	21.4
8H	20.1	20.5	20.6	20.9	21.4	20.0	20.4	20.5	20.8	21.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.7 / - 1.2					+ 0.7 / - 1.1				
1.5H	+ 0.6 / - 1.6					+ 0.7 / - 1.6				
2.0H	+ 2.1 / - 7.2					+ 2.2 / - 7.7				

CIE Pub.117 Corrected 798.6 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.8)

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:

UTILIZATION FACTORS TABLE

Test:U:220.7V I:0.0710A P:14.31W PF:0.9158 Lamp Flux:798.569x1 lm		
NAME: S100S2-13W-940-W	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	73	64	59	72	64	59	72	64	59	54
0.80	83	74	69	82	74	69	81	73	69	63
1.00	90	82	77	89	82	77	87	82	77	71
1.25	96	89	84	95	88	84	93	87	83	78
1.50	100	93	89	98	92	88	96	91	87	82
2.00	104	99	95	103	98	94	100	96	92	86
2.50	107	102	98	105	100	97	102	98	95	88
3.00	109	104	101	107	103	100	103	100	98	91
4.00	111	108	105	109	106	103	105	103	101	93
5.00	113	110	107	111	108	105	106	104	102	94
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:0.0710A P:14.31W PF:0.9158 Lamp Flux:798.569x1 lm		
NAME: S100S2-13W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

638.29 lm

%lum = 79.9%

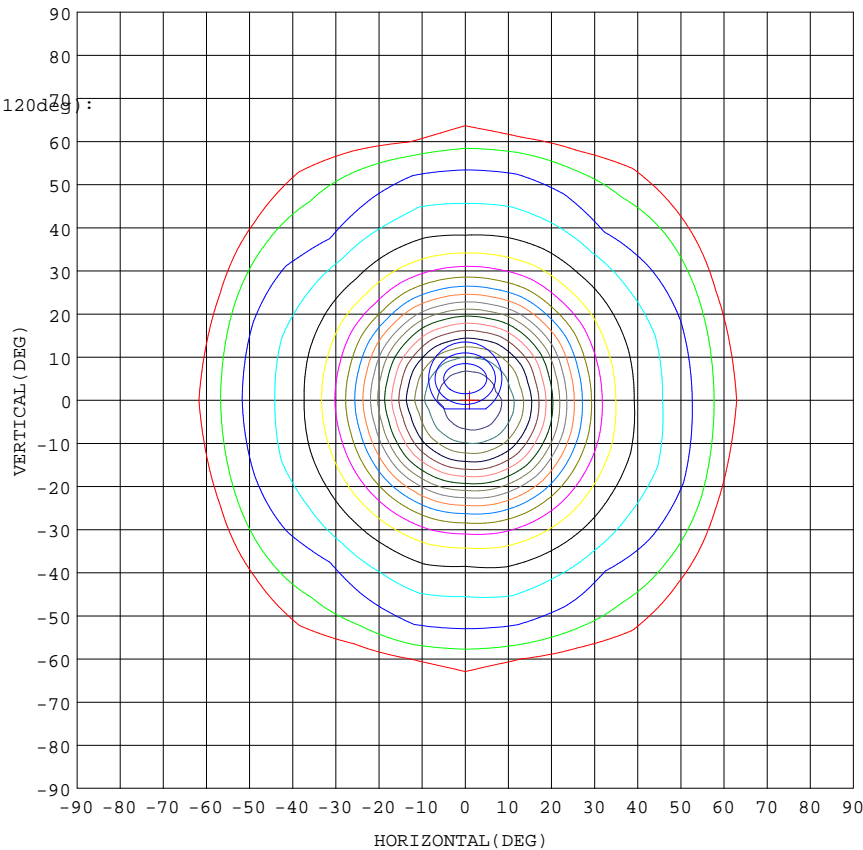
%lamp = 79.9%

Conical surface Flux(120deg):

779.79 lm

%lum = 97.6%

%lamp = 97.6%



1. AVG=769.9,MIN=741.1
2. AVG=761.8,MIN=705.5
3. AVG=750.0,MIN=659.7

Imax:802.1(H1.0,V0.0)
(At:C=0.0,Gamma=1.0)

UNIT: cd

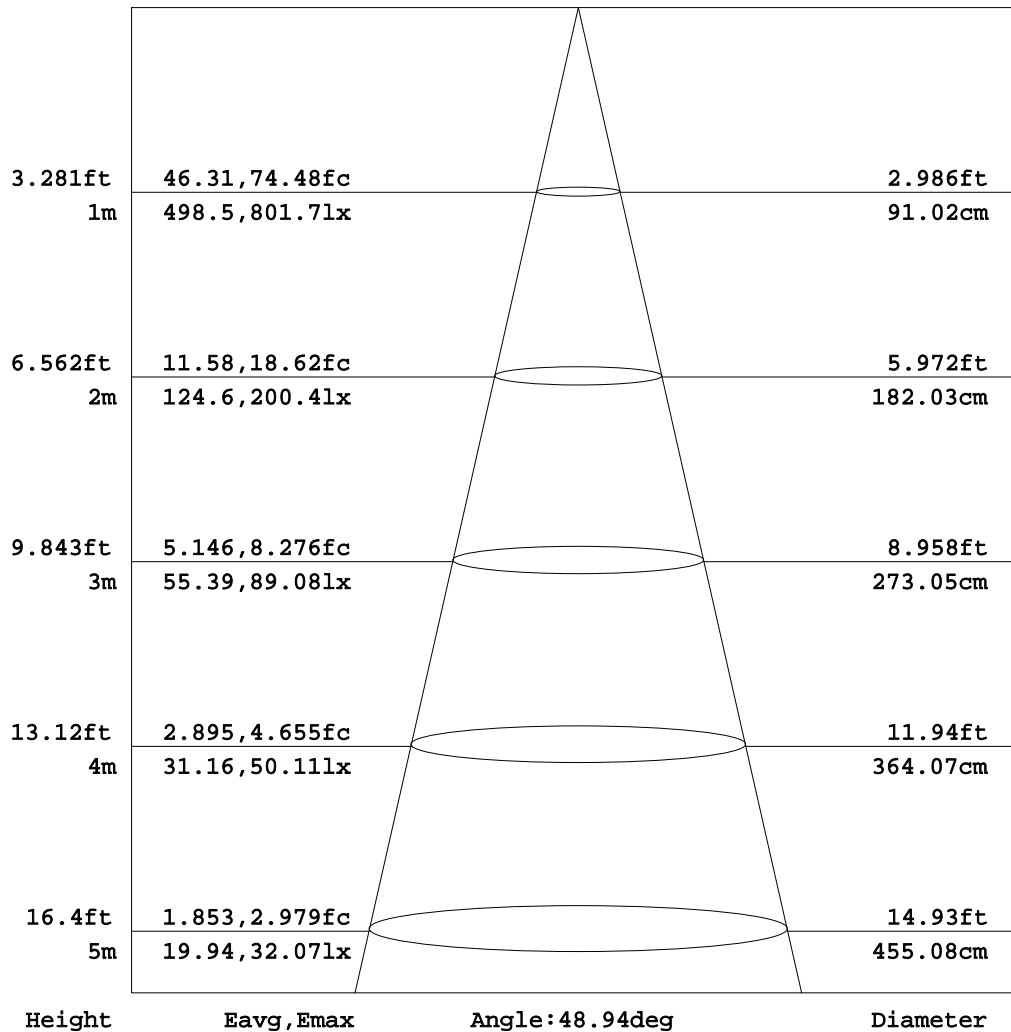
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-05-13

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:14.31W PF:0.9158 Lamp Flux:798.569x1 lm		
NAME: S100S2-13W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		

Flux out:340.6 lm



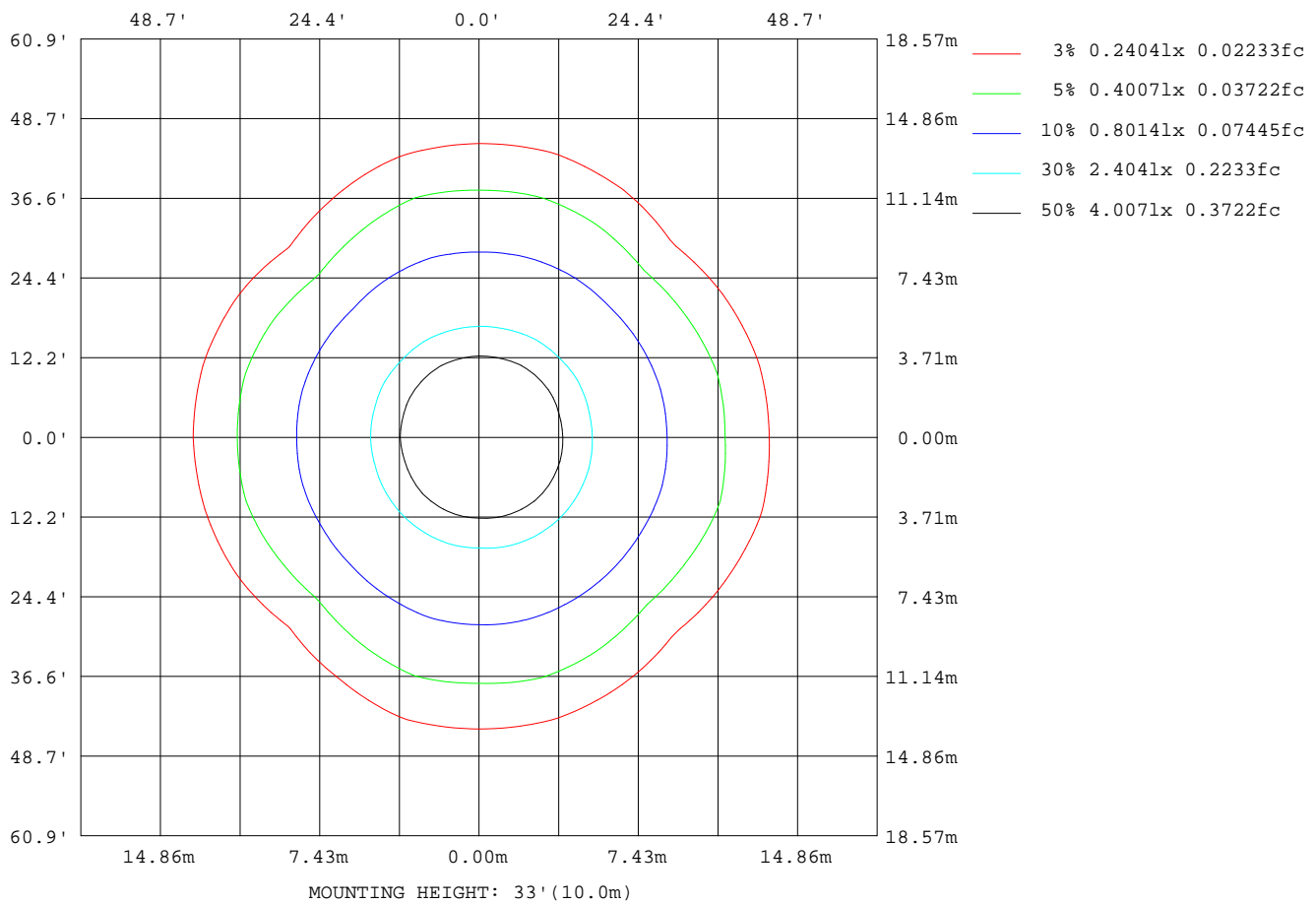
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

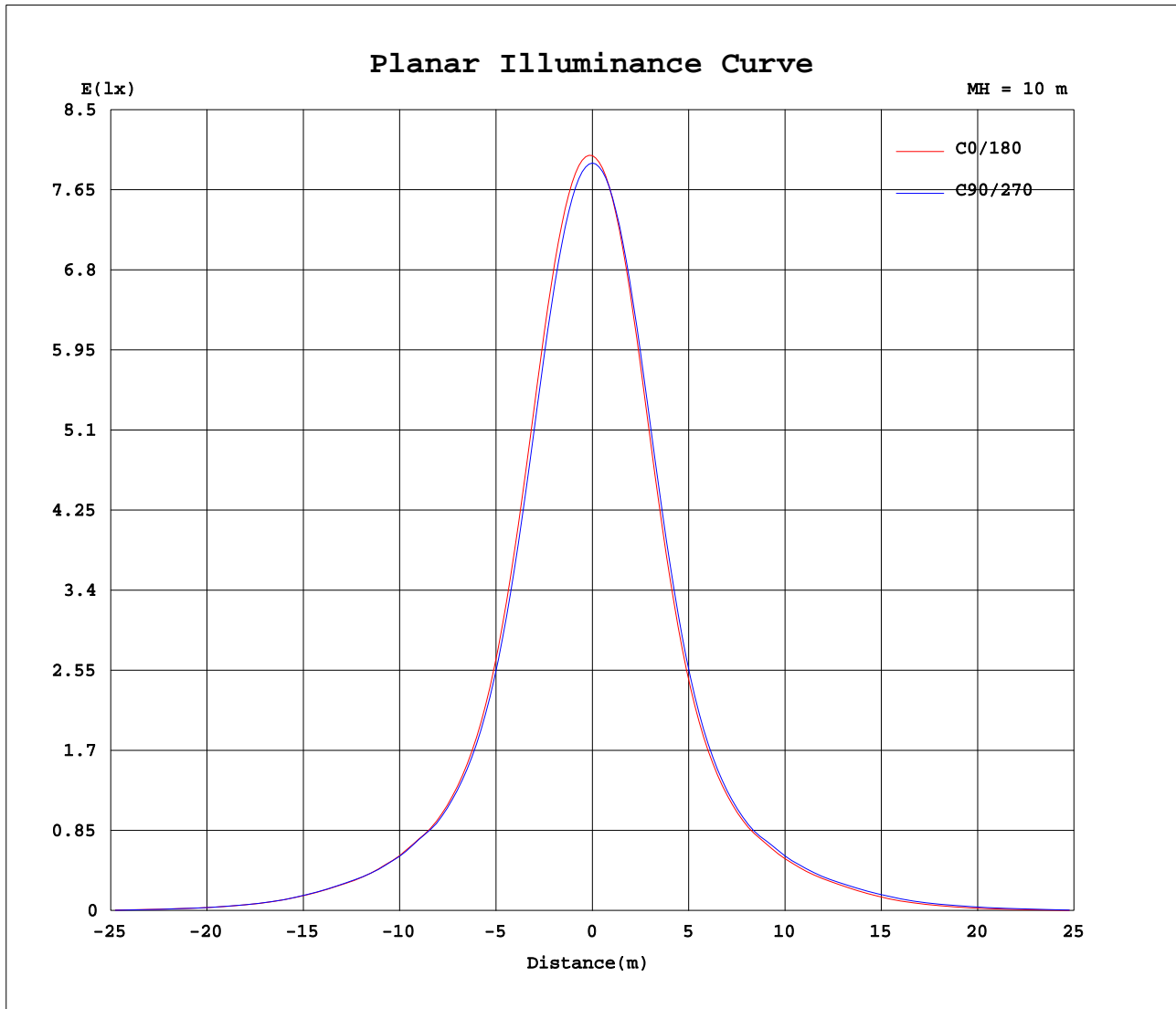
Test:U:220.7V I:0.0710A P:14.31W PF:0.9158 Lamp Flux:798.569x1 lm		
NAME: S100S2-13W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L108mm*W108mm*H126mm	
MFR.: NEKO LIGHTING AG		



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

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:

```

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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:

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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	801.4	799.9	798.9	797.4	796.3	794.7	793.4	792.1	791.2	790.4
3.0	799.6	798.6	796.6	794.9	792.4	790.2	787.3	785.4	783.0	781.6
6.0	785.2	785.0	782.4	780.5	776.2	773.0	768.2	765.9	762.3	760.5
9.0	755.8	756.6	753.6	752.2	745.7	741.4	734.3	732.2	726.9	725.2
12.0	710.9	712.5	709.6	708.6	700.7	694.9	685.9	683.5	677.7	675.4
15.0	650.6	653.9	651.6	651.3	642.2	635.0	623.8	621.8	615.9	613.6
18.0	579.4	584.0	583.5	584.2	574.1	565.4	552.7	551.5	546.4	544.1
21.0	503.5	509.1	509.9	511.9	501.5	492.2	479.2	478.4	473.6	471.4
24.0	430.1	435.9	437.0	438.8	430.1	421.7	409.4	408.8	403.7	400.6
27.0	364.0	369.3	370.2	371.3	365.7	358.4	347.3	346.9	341.7	337.5
30.0	308.1	312.8	313.4	313.8	310.8	305.0	295.7	295.5	290.0	285.2
33.0	263.7	267.7	267.4	267.7	266.4	262.6	254.9	255.1	249.0	244.2
36.0	229.0	233.6	231.7	232.4	231.8	230.2	222.7	224.1	217.6	212.9
39.0	201.7	207.5	204.8	205.0	204.9	205.0	196.8	200.6	193.2	188.2
42.0	185.0	186.8	182.7	181.6	182.7	184.2	183.8	181.1	172.3	165.5
45.0	164.9	170.2	161.2	157.6	161.7	168.6	163.1	165.5	151.7	141.1
48.0	147.6	153.4	140.6	131.4	142.1	151.2	146.1	148.0	132.6	116.2
51.0	128.9	133.2	123.6	111.1	126.2	132.5	131.0	131.1	115.6	100.4
54.0	111.3	114.8	104.1	94.90	104.9	113.2	112.8	112.3	96.22	86.66
57.0	86.75	87.66	80.51	78.34	81.93	86.15	87.52	85.09	72.54	73.12
60.0	60.08	55.76	52.40	57.22	51.75	49.78	61.46	49.46	41.87	49.48
63.0	39.62	22.99	24.83	35.29	23.76	16.99	39.64	15.48	17.21	30.06
66.0	22.52	4.633	5.667	17.72	4.381	2.412	20.73	2.314	3.067	14.04
69.0	6.750	1.882	2.139	5.549	1.464	1.341	3.019	1.369	1.556	3.384
72.0	1.512	0.9777	1.169	1.346	0.8179	0.7857	1.024	0.7223	0.8793	1.161
75.0	0.5864	0.4451	0.5508	0.5716	0.4168	0.3556	0.4240	0.3207	0.4257	0.4405
78.0	0.1238	0.1131	0.1892	0.1416	0.1582	0.0806	0.0665	0.0524	0.1278	0.0849
81.0	0.0525	0.0415	0.0439	0.0394	0.0438	0.0372	0.0482	0.0394	0.0415	0.0372
84.0	0.0459	0.0437	0.0394	0.0394	0.0415	0.0372	0.0438	0.0394	0.0394	0.0372
87.0	0.0437	0.0437	0.0394	0.0394	0.0394	0.0372	0.0415	0.0415	0.0372	0.0372
90.0	0.0437	0.0437	0.0394	0.0394	0.0372	0.0372	0.0415	0.0415	0.0372	0.0372

G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	789.5	789.0	799.9	798.9	797.4	796.3	794.7	793.4	792.1	790.4
3.0	779.5	778.9	791.2	789.5	789.3	788.1	788.2	787.3	787.6	786.8
6.0	756.4	755.2	767.6	765.6	767.0	766.5	768.2	767.3	769.0	768.9
9.0	719.0	717.3	729.3	727.0	730.5	730.6	734.0	732.8	735.9	736.8
12.0	667.8	665.1	676.6	674.3	679.8	680.9	685.4	684.2	688.5	690.6
15.0	604.6	601.1	611.4	609.2	616.9	618.6	624.5	622.7	628.0	630.8
18.0	534.4	529.8	538.3	536.9	546.2	549.0	555.5	552.9	557.7	561.6
21.0	462.0	457.4	464.4	463.4	472.9	475.6	482.3	479.8	483.8	487.8
24.0	393.4	389.6	395.0	394.6	402.8	403.7	411.3	409.6	413.1	416.5
27.0	333.0	329.9	334.0	334.0	340.5	338.9	347.4	346.8	349.4	352.3
30.0	282.3	280.6	283.8	283.6	288.3	285.1	293.2	294.3	296.3	298.6
33.0	242.2	242.2	244.0	244.2	246.1	243.0	250.3	253.1	254.1	256.4
36.0	211.4	212.8	212.4	214.0	213.9	210.6	217.5	221.7	220.7	223.8
39.0	187.6	190.1	188.2	191.0	188.7	185.6	192.5	197.9	194.6	198.9
42.0	167.1	172.3	173.3	172.8	167.9	163.3	171.8	179.0	180.9	179.5
45.0	146.5	157.2	155.7	157.6	148.6	139.4	151.5	163.9	163.8	165.0
48.0	128.2	139.5	139.1	140.5	131.1	115.9	132.7	150.1	148.2	149.0
51.0	113.5	120.8	124.3	123.2	116.1	100.5	116.4	131.8	132.5	132.1
54.0	94.95	100.5	104.4	103.4	96.25	87.74	101.7	114.0	116.3	116.6
57.0	71.30	73.08	77.71	76.09	72.92	75.50	81.36	86.25	93.38	92.55
60.0	41.49	41.12	52.95	42.43	43.46	52.96	55.15	49.19	66.53	60.45
63.0	18.56	13.75	31.41	13.91	19.45	33.35	24.91	17.28	44.99	26.64
66.0	3.945	3.436	14.67	3.258	4.516	15.84	5.119	2.926	25.63	4.311
69.0	1.981	1.700	3.019	1.709	2.073	4.065	1.901	1.559	5.545	1.583
72.0	0.9788	0.8159	1.070	0.8224	1.079	1.367	1.016	0.8590	1.154	0.9224
75.0	0.3998	0.2986	0.3635	0.3140	0.4598	0.5508	0.4730	0.3773	0.4924	0.4344
78.0	0.0927	0.0372	0.0683	0.0464	0.0977	0.1146	0.1239	0.0882	0.0703	0.1188
81.0	0.0416	0.0372	0.0306	0.0350	0.0284	0.0372	0.0306	0.0394	0.0328	0.0372
84.0	0.0394	0.0394	0.0306	0.0306	0.0262	0.0306	0.0284	0.0328	0.0306	0.0328
87.0	0.0372	0.0394	0.0306	0.0284	0.0263	0.0284	0.0284	0.0284	0.0306	0.0284
90.0	0.0394	0.0415	0.0306	0.0306	0.0306	0.0328	0.0328	0.0372	0.0350	0.0284

G/C	300.0	315.0	330.0	345.0
0.0	791.2	790.4	789.5	789.0
3.0	787.6	787.3	787.6	787.2
6.0	771.8	772.4	774.0	773.1
9.0	742.3	743.8	746.4	744.6
12.0	698.7	700.8	704.0	701.0
15.0	641.4	643.5	647.5	642.6
18.0	574.1	576.9	580.5	574.2
21.0	500.7	504.3	507.6	500.2

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:

Photometric Data Table [cd]

24.0	428.6	430.8	434.8	427.8
27.0	362.5	363.1	368.0	362.2
30.0	306.6	305.4	310.5	306.5
33.0	261.6	259.7	264.1	262.5
36.0	226.6	224.2	228.2	228.4
39.0	200.0	197.0	200.5	202.8
42.0	179.1	174.5	178.3	182.9
45.0	159.6	151.9	157.4	166.8
48.0	140.7	126.9	137.0	147.4
51.0	124.0	107.2	118.9	128.4
54.0	105.7	92.62	102.7	110.6
57.0	83.53	78.69	82.82	85.23
60.0	54.57	59.33	58.11	55.08
63.0	27.48	37.31	28.69	25.73
66.0	6.859	20.12	8.185	6.240
69.0	2.070	6.823	2.387	2.369
72.0	1.101	1.573	1.326	1.112
75.0	0.5233	0.6951	0.6194	0.4978
78.0	0.1654	0.2045	0.2219	0.1538
81.0	0.0284	0.0417	0.0284	0.0416
84.0	0.0262	0.0306	0.0284	0.0350
87.0	0.0262	0.0284	0.0285	0.0306
90.0	0.0306	0.0328	0.0372	0.0306

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: