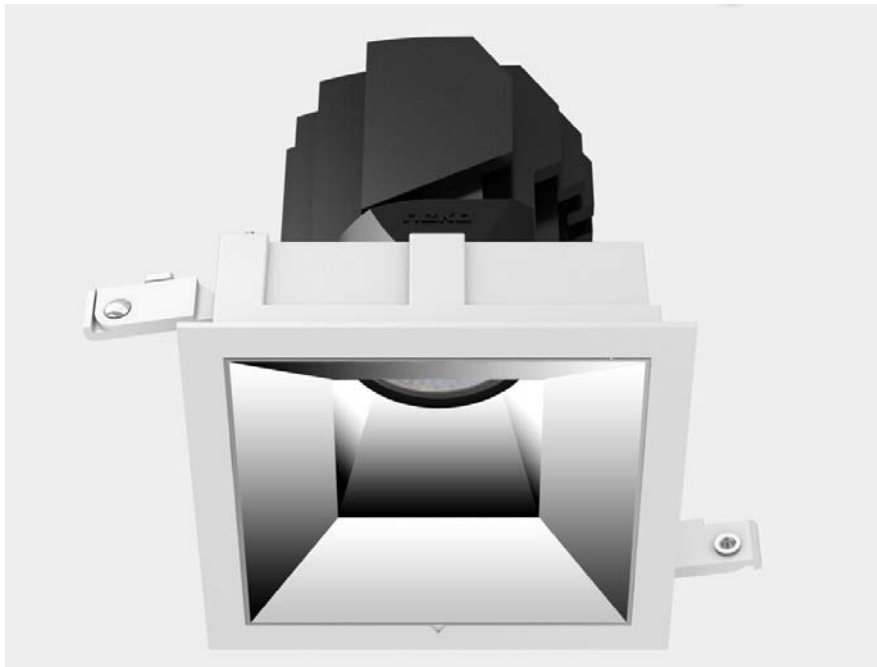


LED Downlight SENSE Series S150S2-25W-940-M



Light Output Ratio:	100.0%	
Luminaire Power:	27.53 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.60	fine grid method.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-06-21

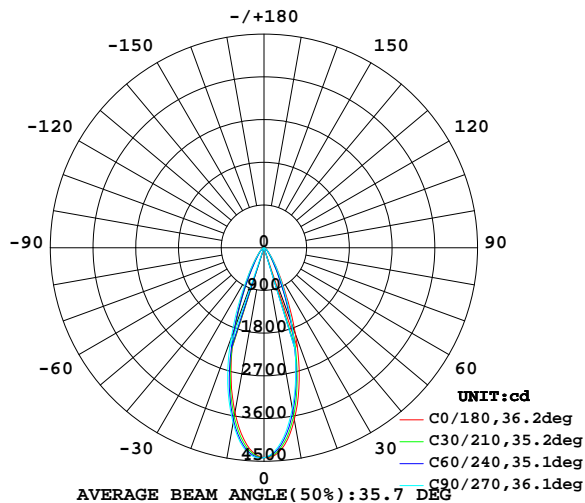
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

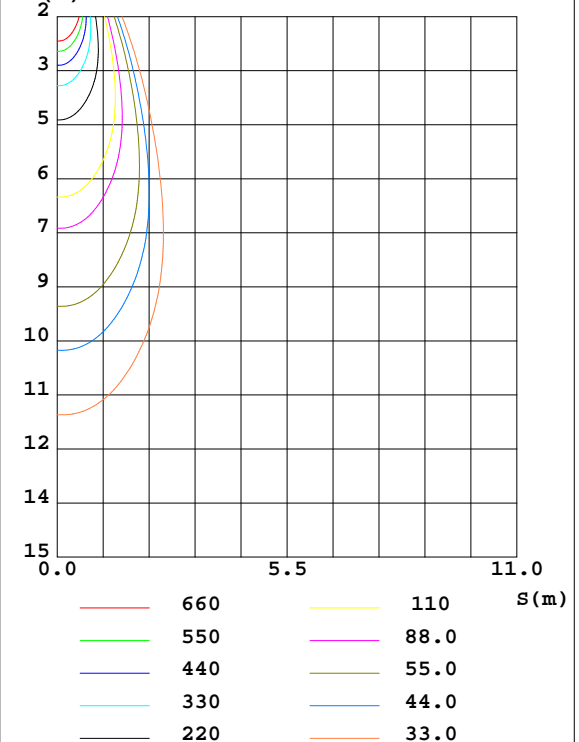
Test:U:220.7V I:0.1307A P:27.53W PF:0.9543 Lamp Flux:1969.04x1 lm		
NAME: S150S2-25W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L162mm*W162mm*H188mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 71.53 lm/W			
MODEL	CITIZEN-4000K	I _{max} (cd)	4440	S/MH(C0/180)	0.58
NOMINAL POWER(W)	28	LOR(%)	100.0	S/MH(C90/270)	0.61
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	1969.0	η UP,DN(C0-180)	0.0,48.1
NOMINAL FLUX(lm)	1969.04	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,51.9
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	0.60

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



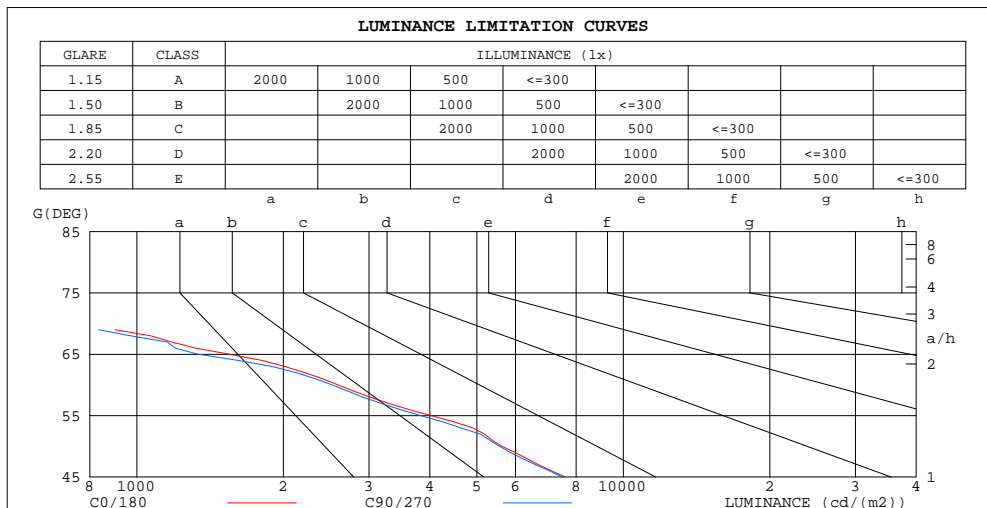
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-06-21

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	3681	3569	3442	3455	3525	3641	3748	3800	0- 10	382.9	382.9	19.4,19.4
20	1935	1698	1704	1627	1806	1788	2028	1957	10- 20	748.2	1131	57.4,57.4
30	632.1	468.9	604.9	445.3	618.8	498.6	650.7	546.1	20- 30	474.5	1606	81.5,81.5
40	216.0	169.1	213.1	162.5	218.5	174.7	212.9	174.9	30- 40	200.7	1806	91.7,91.7
50	95.06	76.28	93.98	75.85	95.84	79.82	91.37	77.10	40- 50	99.31	1906	96.8,96.8
60	34.03	30.67	33.10	30.22	34.44	30.62	35.23	30.91	50- 60	49.14	1955	99.3,99.3
70	6.508	5.602	5.882	5.063	6.483	5.311	7.568	6.091	60- 70	13.11	1968	99.9,99.9
80	0.4590	0.2907	0.1752	0.0700	0.1157	0.0745	0.1741	0.0811	70- 80	0.9800	1969	100,100
90	0.3914	0.2427	0.1115	0.0787	0.0700	0.0612	0.0656	0.0656	80- 90	0.1623	1969	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	251	57
80	101	38
75	168	106
70	725	655
65	1549	1336
60	2593	2523
55	4032	3835
50	5635	5571
45	7608	7504

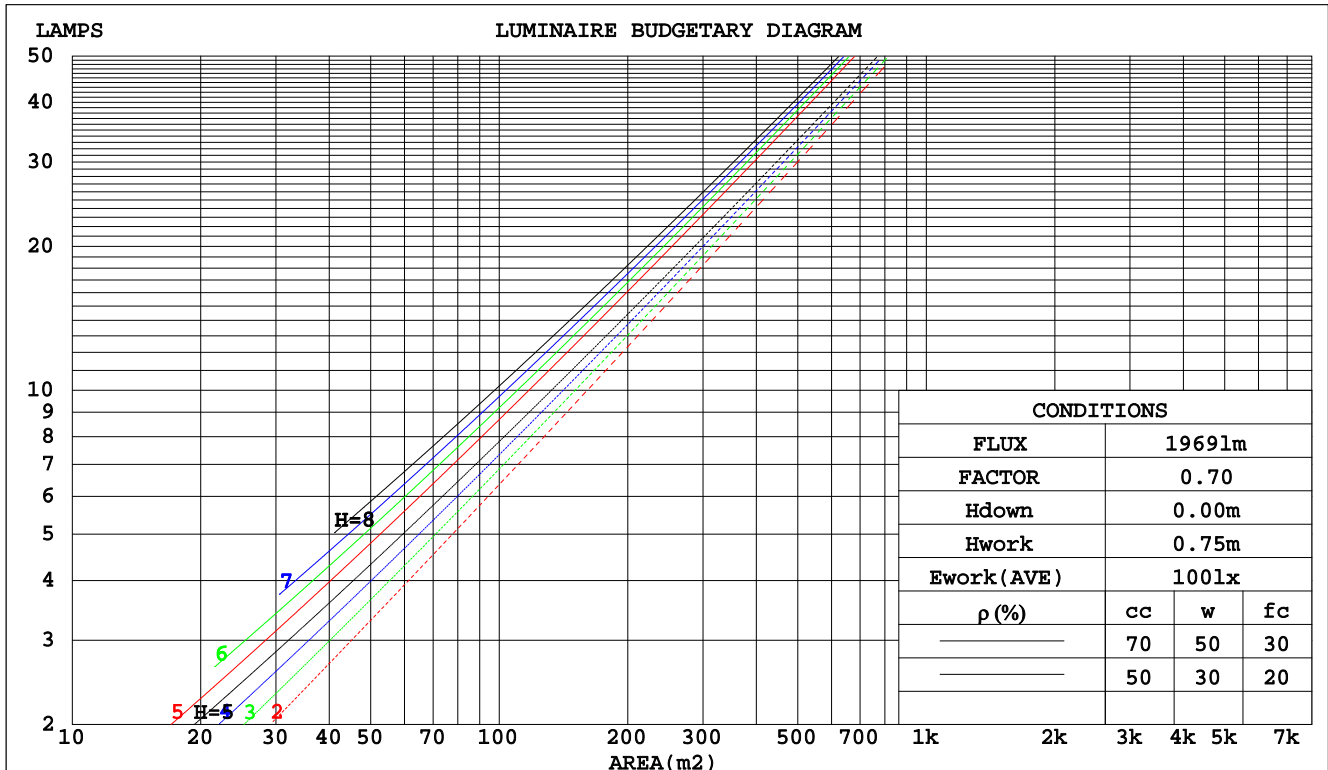
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-06-21

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:0.1307A P:27.53W PF:0.9543 Lamp Flux:1969.04x1 lm		
NAME: S150S2-25W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L162mm*W162mm*H188mm	
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	.00
1.0	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.04	1.02	1.02	1.00	.99	.98	.97	.96	.95
2.0	1.05	1.01	.98	1.03	.90	.97	.90	.97	.95	.97	.95	.93	.94	.92	.91	.89
3.0	.99	.94	.90	.97	.93	.90	.95	.91	.88	.92	.89	.87	.90	.88	.86	.84
4.0	.93	.88	.84	.92	.87	.84	.90	.86	.83	.88	.85	.82	.86	.83	.81	.80
5.0	.88	.83	.79	.87	.82	.79	.86	.81	.78	.84	.80	.77	.82	.79	.77	.75
6.0	.84	.78	.75	.83	.78	.74	.82	.77	.74	.80	.76	.73	.79	.76	.73	.72
7.0	.80	.74	.71	.79	.74	.71	.78	.73	.70	.77	.73	.70	.76	.72	.69	.68
8.0	.76	.71	.67	.76	.71	.67	.75	.70	.67	.74	.70	.67	.73	.69	.66	.65
9.0	.73	.68	.64	.72	.67	.64	.71	.67	.64	.71	.67	.64	.70	.66	.63	.62
10.0	.70	.65	.61	.69	.65	.61	.69	.64	.61	.68	.64	.61	.67	.63	.61	.60



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-06-21

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:0.1307A P:27.53W PF:0.9543 Lamp Flux:1969.04x1 lm		
NAME: S150S2-25W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L162mm*W162mm*H188mm	
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	.164	.093	.029	.157	.090	.028	.144	.083	.026	.133	.077	.025	.122	.071	.023		
2.0	.156	.085	.026	.150	.083	.025	.140	.078	.024	.130	.073	.023	.121	.068	.022		
3.0	.147	.078	.023	.143	.076	.023	.134	.072	.022	.125	.069	.021	.118	.065	.020		
4.0	.139	.072	.021	.135	.071	.021	.128	.068	.020	.121	.065	.020	.114	.062	.019		
5.0	.132	.067	.020	.129	.066	.019	.122	.064	.019	.116	.061	.018	.110	.059	.018		
6.0	.126	.063	.018	.123	.062	.018	.117	.060	.017	.112	.058	.017	.107	.056	.017		
7.0	.120	.059	.017	.117	.058	.017	.112	.057	.016	.107	.055	.016	.103	.053	.016		
8.0	.114	.056	.016	.112	.055	.016	.108	.054	.015	.103	.052	.015	.099	.051	.015		
9.0	.109	.053	.015	.107	.052	.015	.103	.051	.014	.100	.050	.014	.096	.049	.014		
10.0	.105	.050	.014	.103	.050	.014	.099	.049	.014	.096	.048	.014	.093	.047	.013		

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	.170	.157	.146	.146	.135	.126	.100	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.154	.133	.114	.132	.114	.099	.090	.079	.069	.052	.046	.040	.017	.015	.013	
3.0	.141	.113	.092	.121	.098	.079	.083	.068	.056	.048	.040	.033	.015	.013	.011	
4.0	.130	.099	.075	.111	.085	.065	.077	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.120	.087	.062	.103	.075	.054	.071	.052	.038	.041	.031	.023	.013	.010	.007	
6.0	.113	.077	.052	.097	.067	.045	.067	.047	.032	.039	.028	.019	.012	.009	.006	
7.0	.106	.069	.044	.091	.060	.038	.063	.042	.027	.036	.025	.016	.012	.008	.005	
8.0	.100	.063	.038	.086	.055	.033	.059	.038	.023	.034	.023	.014	.011	.007	.005	
9.0	.094	.058	.033	.081	.050	.029	.056	.035	.020	.033	.021	.012	.011	.007	.004	
10.0	.089	.053	.029	.077	.046	.025	.054	.032	.018	.031	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-06-21

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:0.1307A P:27.53W PF:0.9543 Lamp Flux:1969.04x1 lm										
NAME: S150S2-25W-940-M					TYPE:Downlight			SERIAL No.:		
SPEC.:4000K					DIM.: L162mm*W162mm*H188mm					
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	13.0	13.8	13.2	14.0	14.2	13.0	13.9	13.2	14.0	14.2
3H	12.9	13.7	13.1	13.9	14.1	12.9	13.7	13.1	13.9	14.1
4H	12.8	13.5	13.1	13.8	14.0	12.8	13.5	13.1	13.8	14.0
6H	12.7	13.4	13.0	13.6	13.9	12.7	13.4	13.0	13.6	13.9
8H	12.7	13.3	13.0	13.6	13.8	12.7	13.3	13.0	13.6	13.8
12H	12.6	13.3	12.9	13.5	13.8	12.6	13.3	12.9	13.5	13.8
4H 2H	12.9	13.6	13.2	13.8	14.1	12.9	13.6	13.2	13.9	14.1
3H	12.8	13.4	13.1	13.7	13.9	12.8	13.4	13.1	13.7	14.0
4H	12.7	13.3	13.0	13.6	13.9	12.7	13.3	13.0	13.6	13.9
6H	12.6	13.1	13.0	13.4	13.8	12.6	13.1	13.0	13.4	13.8
8H	12.5	13.0	12.9	13.4	13.7	12.5	13.0	12.9	13.4	13.7
12H	12.5	12.9	12.9	13.3	13.7	12.5	12.9	12.9	13.3	13.7
8H 4H	12.5	13.0	12.9	13.4	13.7	12.5	13.0	12.9	13.4	13.7
6H	12.4	12.8	12.8	13.2	13.6	12.4	12.8	12.9	13.2	13.6
8H	12.4	12.7	12.8	13.1	13.6	12.4	12.7	12.8	13.1	13.6
12H	12.3	12.6	12.8	13.1	13.5	12.3	12.6	12.8	13.0	13.5
12H 4H	12.5	12.9	12.9	13.3	13.7	12.5	12.9	12.9	13.3	13.7
6H	12.4	12.7	12.8	13.1	13.6	12.4	12.7	12.8	13.1	13.6
8H	12.3	12.6	12.8	13.1	13.5	12.3	12.6	12.8	13.0	13.5
Variations with the observer position at spacings:										
S = 1.0H	+ 2.6 / - 3.3					+ 2.5 / - 3.5				
1.5H	+ 3.3 / - 2.5					+ 3.1 / - 2.7				
2.0H	+ 3.7 / - 6.6					+ 3.7 / - 7.5				

CIE Pub.117 Corrected 1969 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.4)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-06-21

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:0.1307A P:27.53W PF:0.9543 Lamp Flux:1969.04x1 lm		
NAME: S150S2-25W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L162mm*W162mm*H188mm	
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	80	76	85	79	76	72
0.80	94	88	84	93	88	84	92	87	83	80
1.00	99	93	89	98	92	89	96	92	88	84
1.25	103	97	94	102	97	94	100	96	93	89
1.50	106	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:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-06-21

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:

ISOCANDELA DIAGRAM

Test:U:220.7V I:0.1307A P:27.53W PF:0.9543 Lamp Flux:1969.04x1 lm		
NAME: S150S2-25W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L162mm*W162mm*H188mm	
MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

1863.4 lm

%lum = 94.6%

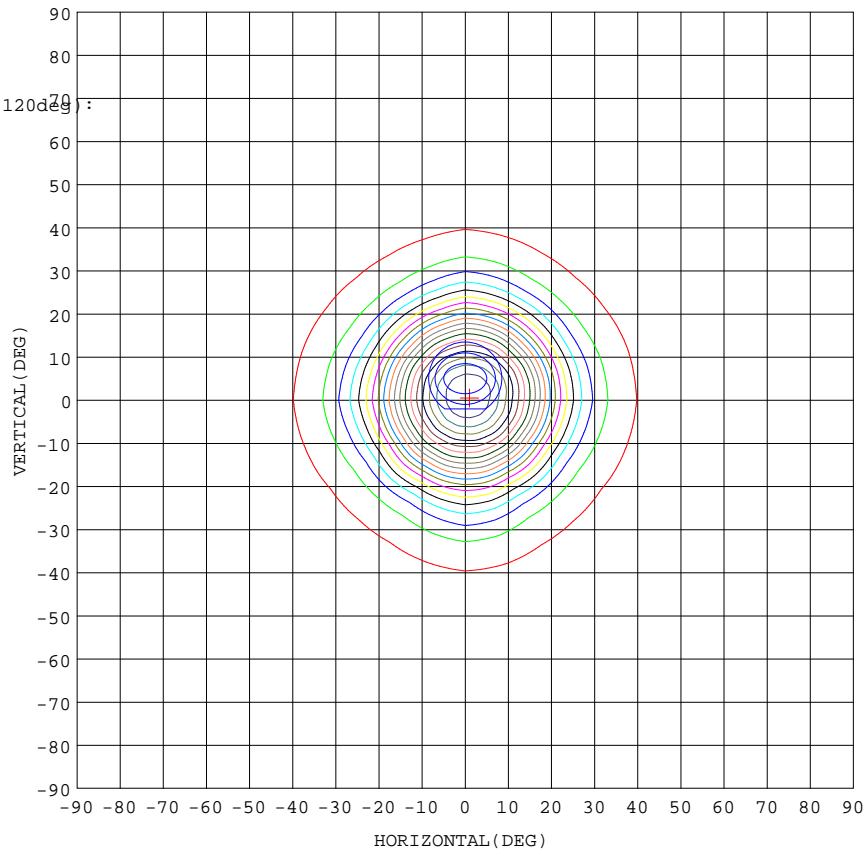
%lamp = 94.6%

Conical surface Flux(120deg):

1954.8 lm

%lum = 99.3%

%lamp = 99.3%



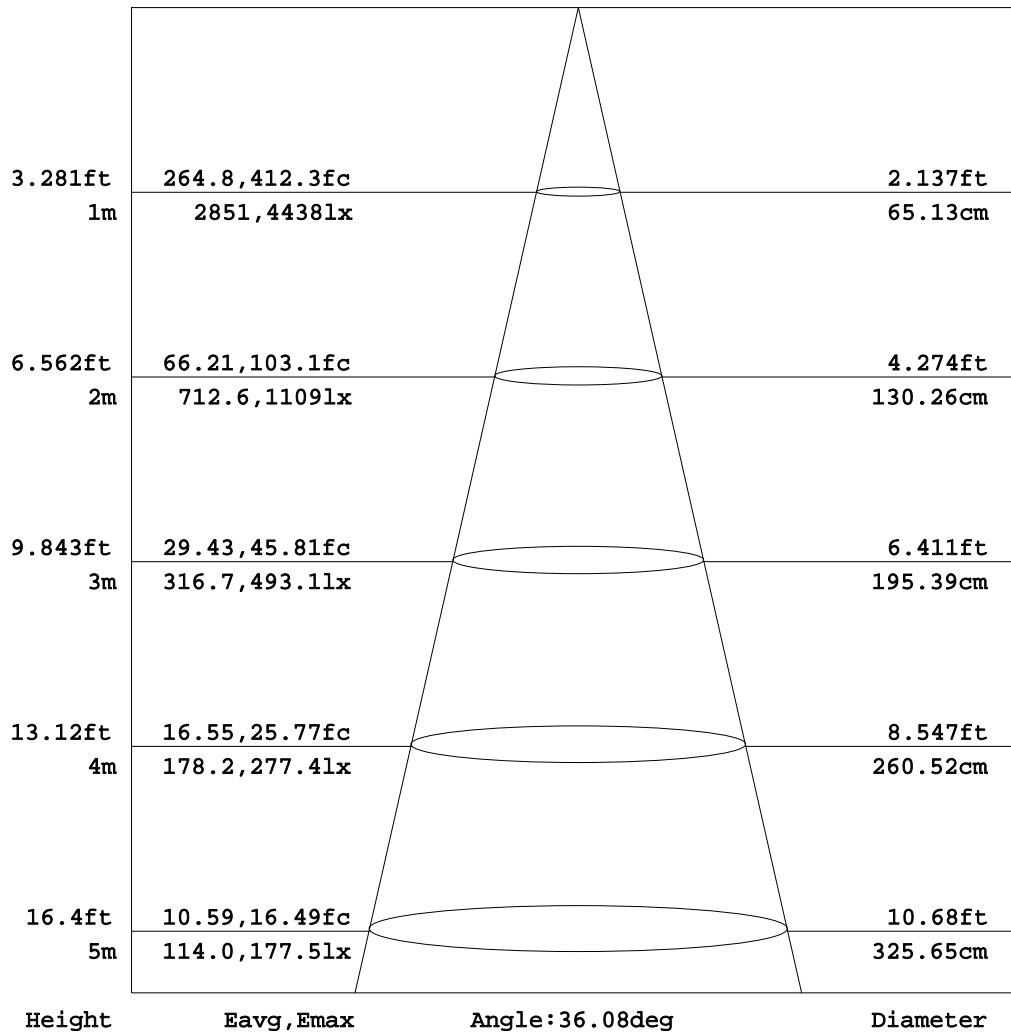
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-06-21

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:0.1307A P:27.53W PF:0.9543 Lamp Flux:1969.04x1 lm		
NAME: S150S2-25W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L162mm*W162mm*H188mm	
MFR.: NEKO LIGHTING AG		

Flux out:1062 lm



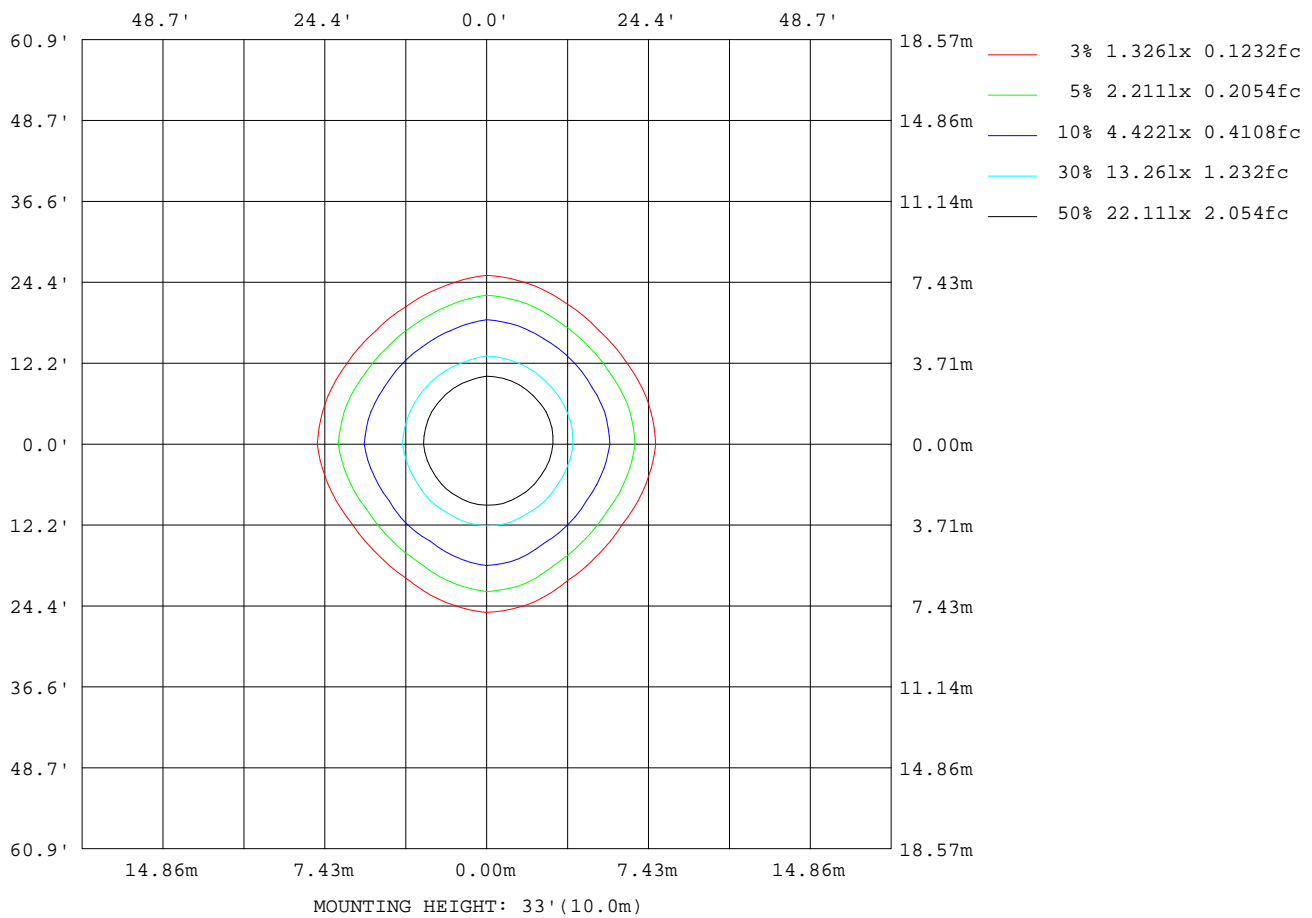
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-06-21

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

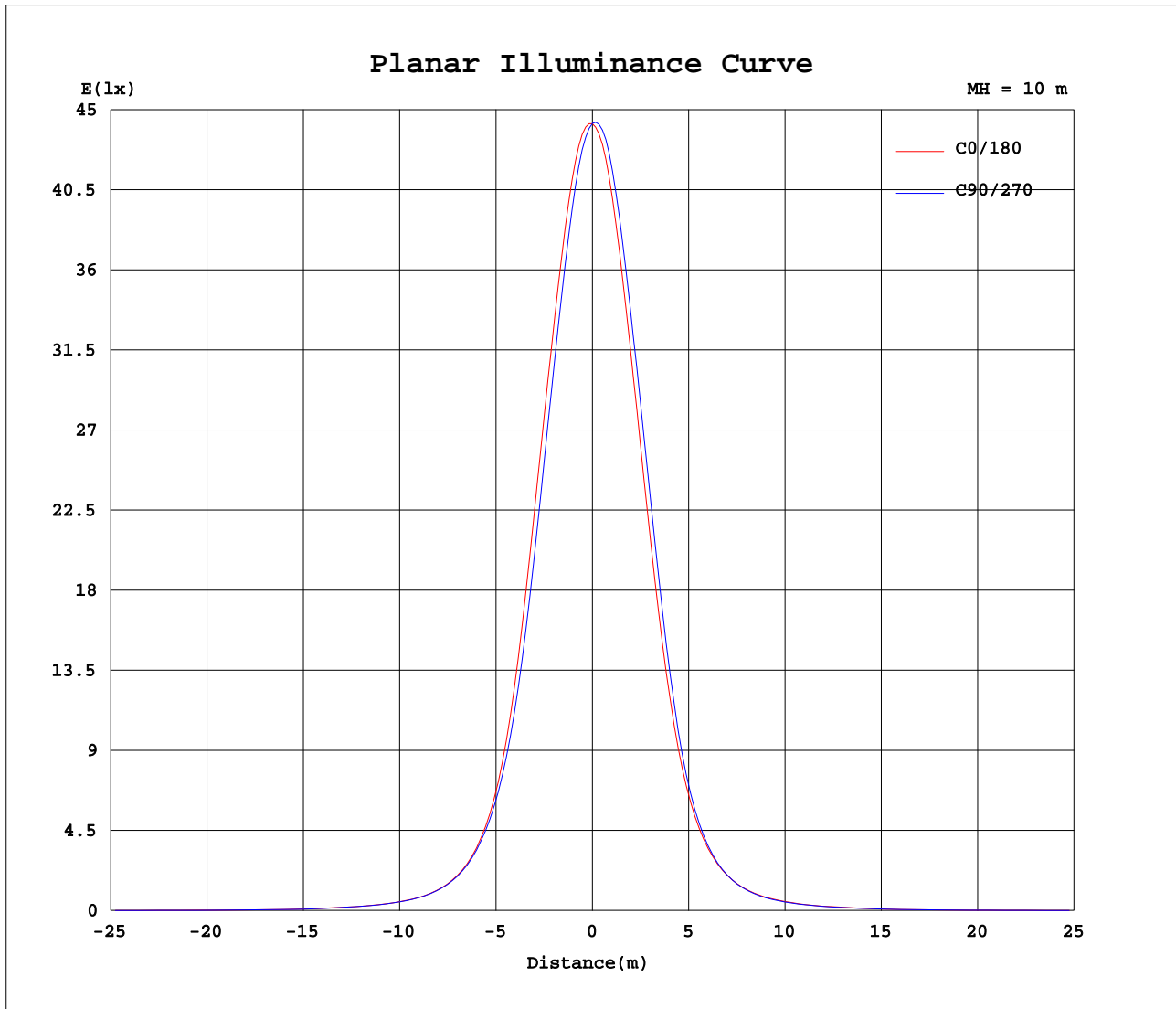
Test:U:220.7V I:0.1307A P:27.53W PF:0.9543 Lamp Flux:1969.04x1 lm		
NAME: S150S2-25W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L162mm*W162mm*H188mm	
MFR.: NEKO LIGHTING AG		



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-06-21

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: 2017-06-21

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	4422	4422	4423	4423	4423	4424	4423	4426	4425	4428
3.0	4379	4372	4351	4340	4317	4310	4293	4296	4289	4299
6.0	4173	4159	4121	4102	4058	4039	4004	4013	4002	4023
9.0	3820	3802	3747	3722	3663	3641	3596	3605	3589	3615
12.0	3378	3345	3266	3235	3174	3163	3119	3124	3094	3118
15.0	2874	2809	2701	2668	2614	2626	2590	2585	2542	2564
18.0	2318	2221	2101	2077	2025	2062	2049	2017	1961	1993
21.0	1752	1639	1528	1523	1470	1536	1547	1488	1412	1457
24.0	1262	1146	1049	1048	1016	1105	1138	1050	965.0	995.5
27.0	889.6	787.4	699.9	698.9	689.2	788.6	829.6	741.7	648.1	661.1
30.0	632.1	547.9	474.5	468.9	478.2	564.8	604.9	528.9	450.5	445.3
33.0	447.2	390.3	334.4	328.2	341.9	406.8	434.4	381.6	323.2	312.9
36.0	322.9	284.8	246.3	241.2	252.6	296.4	316.7	279.8	239.9	230.9
39.0	238.5	212.6	187.3	184.1	192.0	220.5	235.1	210.2	183.1	177.0
42.0	179.4	164.8	146.3	144.0	149.0	169.3	177.1	163.2	143.3	139.0
45.0	141.2	131.9	116.6	113.6	117.8	133.9	139.2	129.2	113.7	109.9
48.0	111.2	106.5	93.44	89.98	93.77	107.5	109.0	103.5	91.34	88.00
51.0	88.75	84.60	76.35	70.07	74.69	84.40	87.75	81.34	73.83	70.30
54.0	69.12	65.44	56.91	54.54	56.38	63.23	65.51	60.04	55.20	55.87
57.0	47.05	43.61	40.51	41.32	39.14	42.85	45.36	39.83	37.38	41.21
60.0	34.03	29.31	27.44	30.67	25.60	29.14	33.10	26.20	24.30	30.22
63.0	24.01	19.57	16.38	20.69	14.54	18.07	22.62	17.00	13.75	20.27
66.0	14.09	6.003	6.082	13.16	5.164	6.619	12.80	6.563	4.921	12.35
69.0	8.479	1.867	1.951	7.134	2.010	1.787	7.850	1.433	1.798	6.432
72.0	3.457	1.118	1.015	3.082	1.068	0.7893	3.465	0.6372	0.9453	2.785
75.0	1.143	0.7405	0.8021	0.9379	0.3736	0.3054	0.7170	0.2988	0.4172	0.6408
78.0	0.3767	0.5138	0.4666	0.3582	0.1210	0.1071	0.1444	0.0940	0.1168	0.1265
81.0	0.4721	0.5023	0.3850	0.2776	0.1977	0.1705	0.1598	0.0940	0.0744	0.0700
84.0	0.5638	0.4907	0.3596	0.2645	0.1972	0.1486	0.1400	0.0940	0.0743	0.0743
87.0	0.5729	0.4630	0.3284	0.2536	0.1925	0.1334	0.1224	0.0984	0.0743	0.0787
90.0	0.3914	0.3586	0.2952	0.2427	0.1749	0.1334	0.1115	0.1006	0.0765	0.0787
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	4427	4430	4422	4423	4423	4423	4423	4424	4423	4426
3.0	4297	4312	4322	4330	4352	4363	4380	4388	4403	4411
6.0	4016	4039	4063	4080	4126	4147	4185	4194	4221	4231
9.0	3607	3638	3673	3696	3760	3786	3839	3846	3884	3900
12.0	3112	3159	3209	3231	3293	3316	3382	3398	3451	3468
15.0	2559	2624	2694	2704	2752	2760	2830	2872	2959	2962
18.0	1979	2059	2159	2150	2169	2172	2234	2290	2411	2399
21.0	1428	1521	1641	1613	1598	1604	1648	1701	1839	1809
24.0	975.3	1068	1200	1157	1111	1117	1142	1193	1328	1284
27.0	656.0	745.8	863.0	817.1	751.5	747.3	759.8	816.1	932.1	883.4
30.0	450.7	527.6	618.8	578.4	515.0	498.6	509.3	562.2	650.7	612.9
33.0	322.8	380.2	444.8	414.5	364.6	345.4	353.5	394.8	455.4	424.3
36.0	239.3	279.2	324.1	301.6	268.0	251.0	256.8	283.2	324.2	301.1
39.0	183.0	210.8	240.9	225.2	202.9	190.3	193.3	209.1	235.5	219.5
42.0	143.5	163.6	181.9	174.2	157.6	148.8	150.0	160.5	175.2	166.3
45.0	114.5	130.7	143.4	139.3	124.6	118.6	118.7	127.5	137.1	129.7
48.0	91.99	105.7	112.3	110.7	100.4	93.54	95.02	104.1	107.4	103.4
51.0	74.31	83.61	89.80	88.05	81.44	73.01	77.09	80.85	84.43	80.09
54.0	56.77	62.35	70.38	66.12	60.87	56.46	57.56	62.16	67.80	60.56
57.0	38.56	40.30	47.92	43.32	42.55	42.00	40.55	43.44	48.17	41.33
60.0	25.19	25.70	34.44	28.62	27.49	30.62	26.99	29.39	35.23	27.54
63.0	13.82	15.99	23.85	19.09	16.84	20.57	16.66	19.38	25.07	17.90
66.0	4.888	6.855	13.57	7.364	6.212	12.72	6.818	6.007	14.64	8.955
69.0	1.952	1.888	8.429	1.837	2.029	6.806	2.005	1.427	9.392	2.129
72.0	1.140	0.9579	3.275	0.8858	1.105	2.868	1.043	0.7428	3.844	0.8332
75.0	0.4875	0.3883	0.8612	0.3970	0.4535	0.6781	0.4906	0.3991	0.9808	0.3990
78.0	0.1322	0.0940	0.4534	0.1164	0.1326	0.1429	0.1479	0.1405	0.3073	0.1360
81.0	0.0744	0.0809	0.1027	0.0941	0.0590	0.0657	0.0590	0.0876	0.1049	0.1028
84.0	0.0743	0.0765	0.0743	0.0788	0.0590	0.0612	0.0590	0.0787	0.0721	0.0766
87.0	0.0743	0.0765	0.0678	0.0722	0.0612	0.0612	0.0612	0.0700	0.0678	0.0678
90.0	0.0743	0.0765	0.0700	0.0678	0.0634	0.0612	0.0612	0.0634	0.0656	0.0656
G/C	300.0	315.0	330.0	345.0						
0.0	4425	4428	4427	4430						
3.0	4420	4420	4420	4408						
6.0	4260	4256	4257	4224						
9.0	3940	3935	3939	3890						
12.0	3506	3493	3503	3457						
15.0	2981	2949	2976	2946						
18.0	2390	2357	2383	2379						
21.0	1785	1762	1777	1789						

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2017-06-21

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	1248	1240	1239	1268
27.0	832.6	829.6	829.4	876.1
30.0	553.9	546.1	554.9	611.7
33.0	379.6	367.3	381.4	427.9
36.0	270.7	259.4	273.2	306.7
39.0	200.3	191.8	202.9	226.3
42.0	152.8	147.1	155.0	172.2
45.0	118.4	115.2	120.8	135.0
48.0	93.56	89.85	95.59	109.0
51.0	74.93	71.10	77.27	86.03
54.0	56.26	55.94	58.14	65.43
57.0	39.30	41.71	41.48	43.23
60.0	26.53	30.91	27.40	28.29
63.0	16.73	21.80	17.24	18.09
66.0	6.765	13.98	6.801	8.475
69.0	2.097	7.720	2.023	1.827
72.0	1.206	3.249	1.090	0.9228
75.0	0.5799	0.8534	0.4971	0.4692
78.0	0.1674	0.1759	0.1633	0.1734
81.0	0.0612	0.0701	0.0743	0.1987
84.0	0.0612	0.0656	0.0766	0.2883
87.0	0.0634	0.0656	0.1163	0.3867
90.0	0.0656	0.0656	0.1421	0.3323

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-06-21

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: