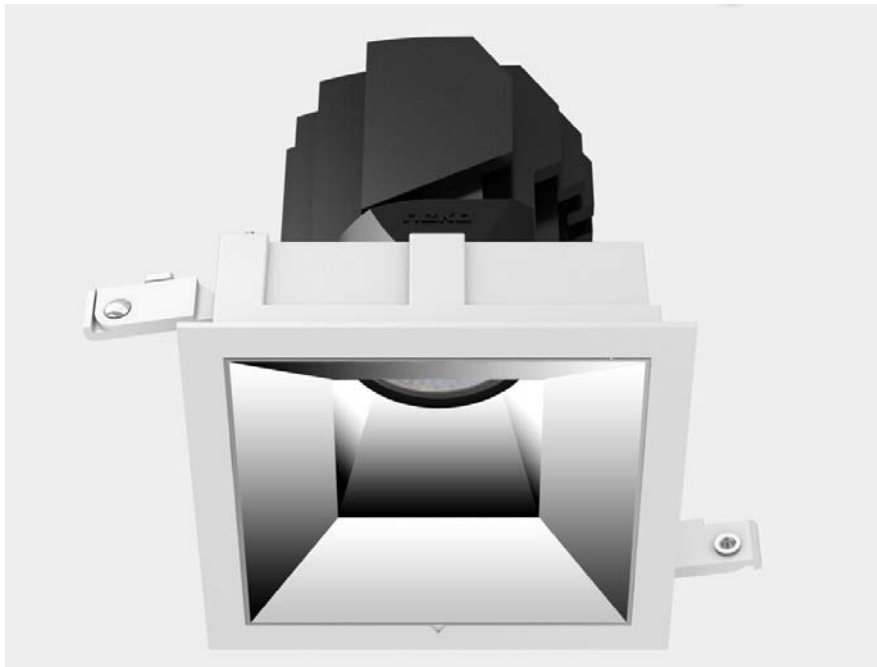


LED Downlight SENSE Series S150S2-25W-930-W



Light Output Ratio:	100.0%	
Luminaire Power:	27.63 W	
SHR Nominal:	0.75	Calculated using the TM5
SHR Maximum:	0.75	fine grid method.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-06-22

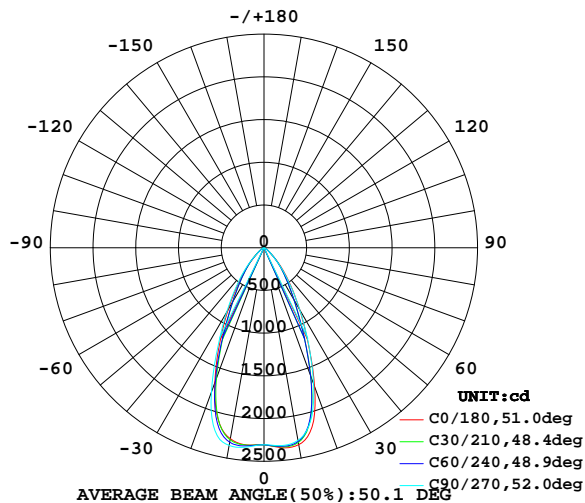
γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

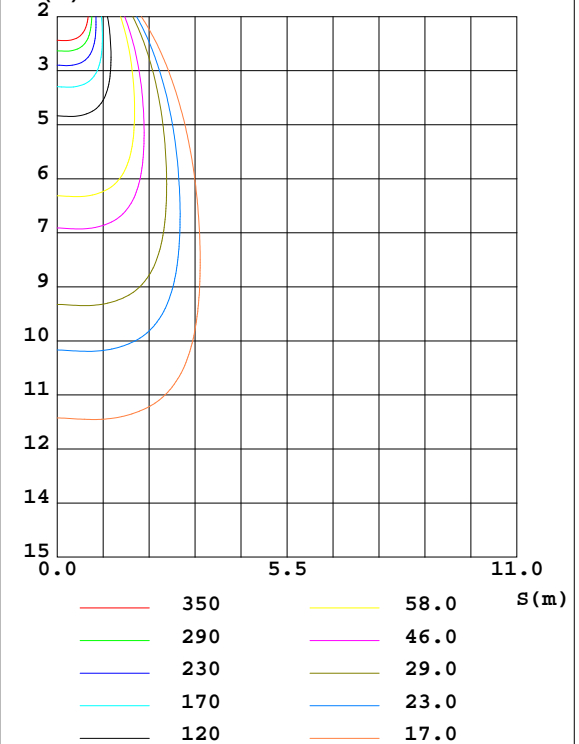
Test:U:220.6V I:0.1312A P:27.63W PF:0.9546 Lamp Flux:1875.62x1 lm		
NAME: S150S2-25W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L162mm*W162mm*H188mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 67.87 lm/W			
MODEL	CITIZEN-3000K	I _{max} (cd)	2368	S/MH(C0/180)	0.80
NOMINAL POWER(W)	28	LOR(%)	100.0	S/MH(C90/270)	0.82
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	1875.6	η UP,DN(C0-180)	0.0,48.6
NOMINAL FLUX(lm)	1875.62	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,51.4
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	0.75

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



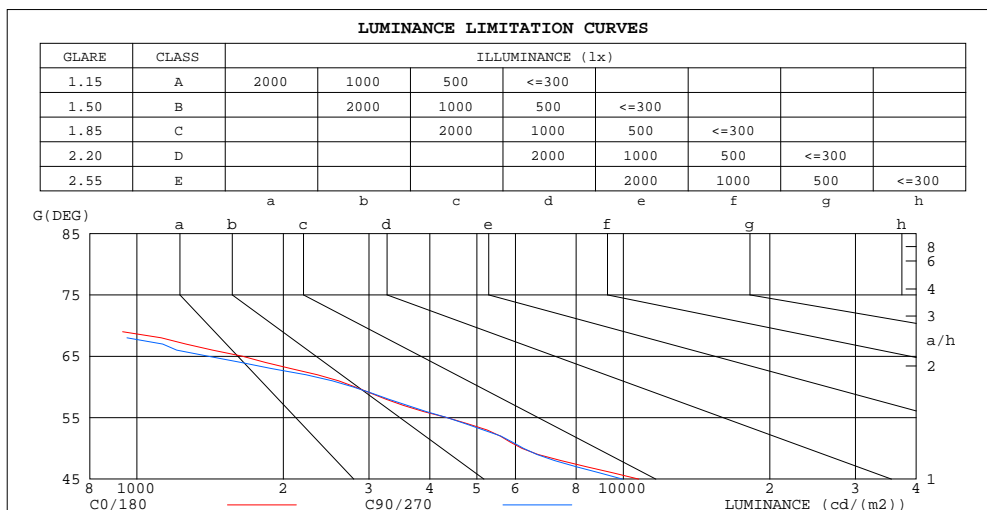
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-06-22

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	$\%lum, lamp$
10	2340	2310	2289	2248	2270	2292	2350	2361	0- 10	221.9	221.9	11.8,11.8
20	1735	1611	1699	1526	1682	1634	1801	1771	10- 20	576.5	798.4	42.6,42.6
30	832.8	700.5	838.3	659.3	845.3	722.9	880.5	767.4	20- 30	529.9	1328	70.8,70.8
40	354.2	320.1	332.6	299.4	347.0	326.7	375.0	347.1	30- 40	321.4	1650	88,88
50	104.4	93.25	105.3	85.89	109.7	98.96	103.0	106.1	40- 50	155.5	1805	96.2,96.2
60	36.86	31.62	36.53	31.54	39.18	31.09	37.45	30.78	50- 60	55.78	1861	99.2,99.2
70	6.372	5.135	5.512	4.672	6.231	4.876	6.911	5.545	60- 70	13.63	1875	99.9,99.9
80	0.1487	0.2536	0.1575	0.0809	0.0917	0.0701	0.1263	0.0745	70- 80	0.8879	1875	100,100
90	0.2733	0.2230	0.1203	0.0984	0.0656	0.0590	0.0634	0.0612	80- 90	0.1339	1876	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	114	57
80	33	35
75	125	80
70	710	614
65	1647	1401
60	2809	2784
55	4345	4345
50	6189	6240
45	10758	9967

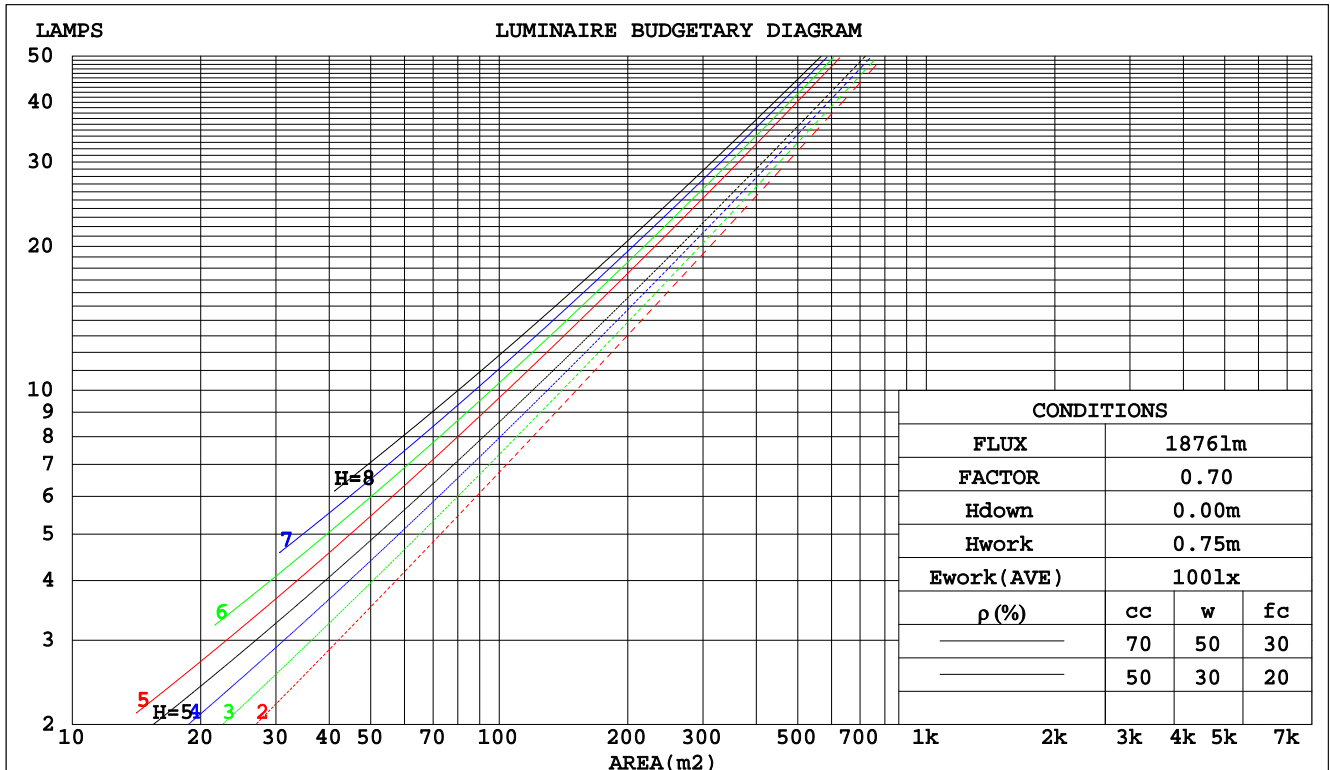
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-06-22

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:220.6V I:0.1312A P:27.63W PF:0.9546 Lamp Flux:1875.62x1 lm		
NAME: S150S2-25W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	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	1.00
1.0	1.11	1.08	1.06	1.09	1.06	1.04	1.04	1.03	1.01	1.01	.99	.98	.97	.96	.95	.93
2.0	1.03	.99	.95	1.01	.97	.94	.98	.95	.92	.95	.92	.90	.92	.90	.88	.87
3.0	.96	.91	.87	.94	.90	.86	.92	.88	.85	.89	.86	.83	.87	.84	.82	.81
4.0	.90	.84	.80	.88	.83	.79	.86	.82	.78	.84	.80	.77	.82	.79	.77	.75
5.0	.84	.78	.74	.83	.77	.73	.81	.76	.73	.79	.75	.72	.78	.74	.71	.70
6.0	.79	.73	.68	.78	.72	.68	.76	.71	.68	.75	.71	.67	.74	.70	.67	.65
7.0	.74	.68	.64	.73	.68	.64	.72	.67	.63	.71	.66	.63	.70	.66	.63	.61
8.0	.70	.64	.60	.69	.64	.60	.68	.63	.60	.67	.63	.59	.66	.62	.59	.58
9.0	.66	.60	.56	.66	.60	.56	.65	.60	.56	.64	.59	.56	.63	.59	.56	.54
10.0	.63	.57	.53	.62	.57	.53	.61	.56	.53	.61	.56	.53	.60	.56	.53	.51



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-06-22

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:0.1312A P:27.63W PF:0.9546 Lamp Flux:1875.62x1 lm		
NAME: S150S2-25W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	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	.179	.102	.032	.172	.098	.031	.160	.092	.029	.148	.085	.027	.138	.080	.026	
2.0	.172	.094	.029	.167	.092	.028	.156	.087	.027	.146	.082	.026	.137	.078	.024	
3.0	.164	.087	.026	.159	.085	.026	.150	.081	.025	.142	.078	.024	.134	.074	.023	
4.0	.156	.081	.024	.152	.080	.024	.144	.077	.023	.137	.074	.022	.130	.071	.022	
5.0	.149	.076	.022	.145	.075	.022	.138	.072	.021	.132	.070	.021	.126	.067	.020	
6.0	.142	.071	.020	.139	.070	.020	.133	.068	.020	.127	.066	.019	.122	.064	.019	
7.0	.135	.067	.019	.133	.066	.019	.127	.064	.019	.122	.063	.018	.118	.061	.018	
8.0	.129	.063	.018	.127	.062	.018	.122	.061	.017	.118	.060	.017	.113	.058	.017	
9.0	.124	.060	.017	.122	.059	.017	.117	.058	.016	.113	.057	.016	.109	.056	.016	
10.0	.119	.057	.016	.117	.056	.016	.113	.055	.016	.109	.054	.015	.106	.053	.015	

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	.171	.157	.145	.147	.135	.125	.100	.093	.086	.058	.054	.050	.018	.017	.016	
2.0	.156	.132	.112	.134	.114	.097	.092	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.144	.114	.089	.124	.098	.077	.085	.068	.054	.049	.040	.032	.016	.013	.010	
4.0	.134	.099	.072	.115	.085	.063	.079	.060	.044	.046	.035	.026	.015	.011	.009	
5.0	.125	.087	.059	.108	.076	.052	.074	.053	.036	.043	.031	.022	.014	.010	.007	
6.0	.118	.078	.049	.101	.068	.043	.070	.047	.030	.041	.028	.018	.013	.009	.006	
7.0	.111	.071	.042	.096	.061	.036	.066	.043	.026	.038	.025	.015	.012	.008	.005	
8.0	.106	.064	.036	.091	.056	.031	.063	.039	.022	.037	.023	.013	.012	.008	.004	
9.0	.101	.059	.031	.087	.051	.027	.060	.036	.019	.035	.021	.011	.011	.007	.004	
10.0	.096	.055	.027	.083	.048	.024	.057	.033	.017	.033	.020	.010	.011	.006	.003	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-06-22

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:0.1312A P:27.63W PF:0.9546 Lamp Flux:1875.62x1 lm										
NAME: S150S2-25W-930-W					TYPE:Downlight			SERIAL No.:		
SPEC.:3000K					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	15.7	16.6	15.9	16.8	17.0	15.7	16.7	15.9	16.8	17.0
3H	15.5	16.4	15.8	16.6	16.8	15.5	16.4	15.8	16.6	16.8
4H	15.4	16.3	15.7	16.5	16.7	15.5	16.3	15.7	16.5	16.7
6H	15.4	16.1	15.7	16.4	16.6	15.4	16.1	15.7	16.4	16.6
8H	15.3	16.1	15.6	16.3	16.6	15.3	16.1	15.6	16.3	16.6
12H	15.3	16.0	15.6	16.2	16.5	15.3	16.0	15.6	16.3	16.5
4H 2H	15.5	16.3	15.8	16.6	16.8	15.5	16.3	15.8	16.6	16.8
3H	15.3	16.1	15.7	16.3	16.6	15.4	16.1	15.7	16.3	16.6
4H	15.2	15.9	15.6	16.2	16.5	15.3	15.9	15.6	16.2	16.5
6H	15.2	15.7	15.5	16.1	16.4	15.2	15.7	15.5	16.1	16.4
8H	15.1	15.6	15.5	16.0	16.4	15.1	15.6	15.5	16.0	16.4
12H	15.1	15.5	15.5	15.9	16.3	15.1	15.5	15.5	15.9	16.3
8H 4H	15.1	15.6	15.5	16.0	16.4	15.1	15.6	15.5	16.0	16.4
6H	15.0	15.4	15.4	15.8	16.2	15.0	15.4	15.4	15.8	16.3
8H	14.9	15.3	15.4	15.7	16.2	15.0	15.3	15.4	15.8	16.2
12H	14.9	15.2	15.4	15.7	16.1	14.9	15.2	15.4	15.7	16.1
12H 4H	15.1	15.5	15.5	15.9	16.3	15.1	15.5	15.5	15.9	16.3
6H	14.9	15.3	15.4	15.7	16.2	15.0	15.3	15.4	15.8	16.2
8H	14.9	15.2	15.4	15.7	16.1	14.9	15.2	15.4	15.7	16.1
Variations with the observer position at spacings:										
S = 1.0H	+ 2.6 / - 5.7					+ 2.4 / - 5.6				
1.5H	+ 3.9 / - 4.3					+ 3.7 / - 4.1				
2.0H	+ 4.8 / - 8.3					+ 4.4 / - 8.3				

CIE Pub.117 Corrected 1876 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.2)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-06-22

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:0.1312A P:27.63W PF:0.9546 Lamp Flux:1875.62x1 lm		
NAME: S150S2-25W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	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	84	77	73	83	77	73	82	76	72	69
0.80	92	85	81	91	85	81	90	84	81	77
1.00	97	91	87	96	91	87	95	91	86	82
1.25	102	96	92	100	95	92	98	94	91	87
1.50	105	99	96	103	99	95	101	97	94	90
2.00	108	103	100	106	102	99	103	100	98	92
2.50	109	105	102	108	104	101	105	102	99	93
3.00	111	108	105	109	106	104	106	103	101	95
4.00	113	110	108	111	109	107	108	106	104	97
5.00	115	112	110	112	110	108	108	107	105	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:2017-06-22

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:220.6V I:0.1312A P:27.63W PF:0.9546 Lamp Flux:1875.62x1 lm		
NAME: S150S2-25W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L162mm*W162mm*H188mm	
MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

1746.9 lm

%lum = 93.1%

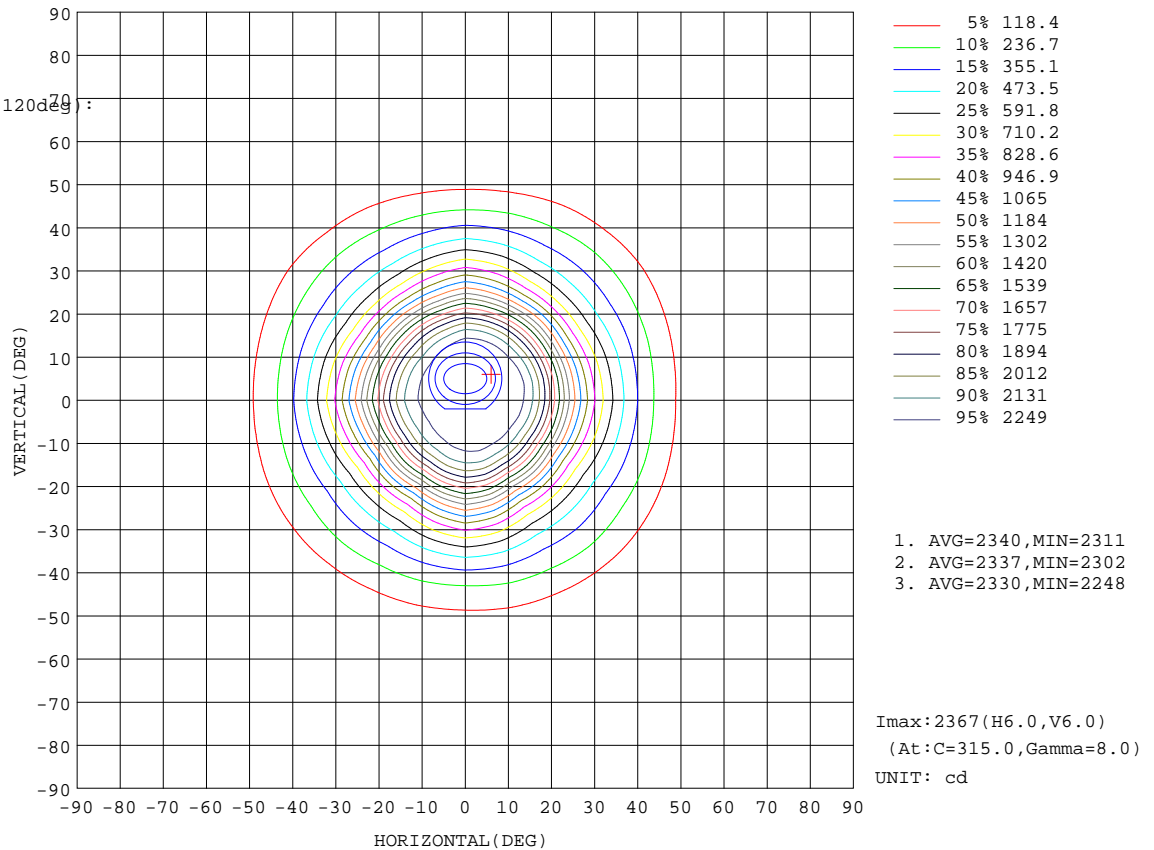
%lamp = 93.1%

Conical surface Flux(120deg):

1861 lm

%lum = 99.2%

%lamp = 99.2%



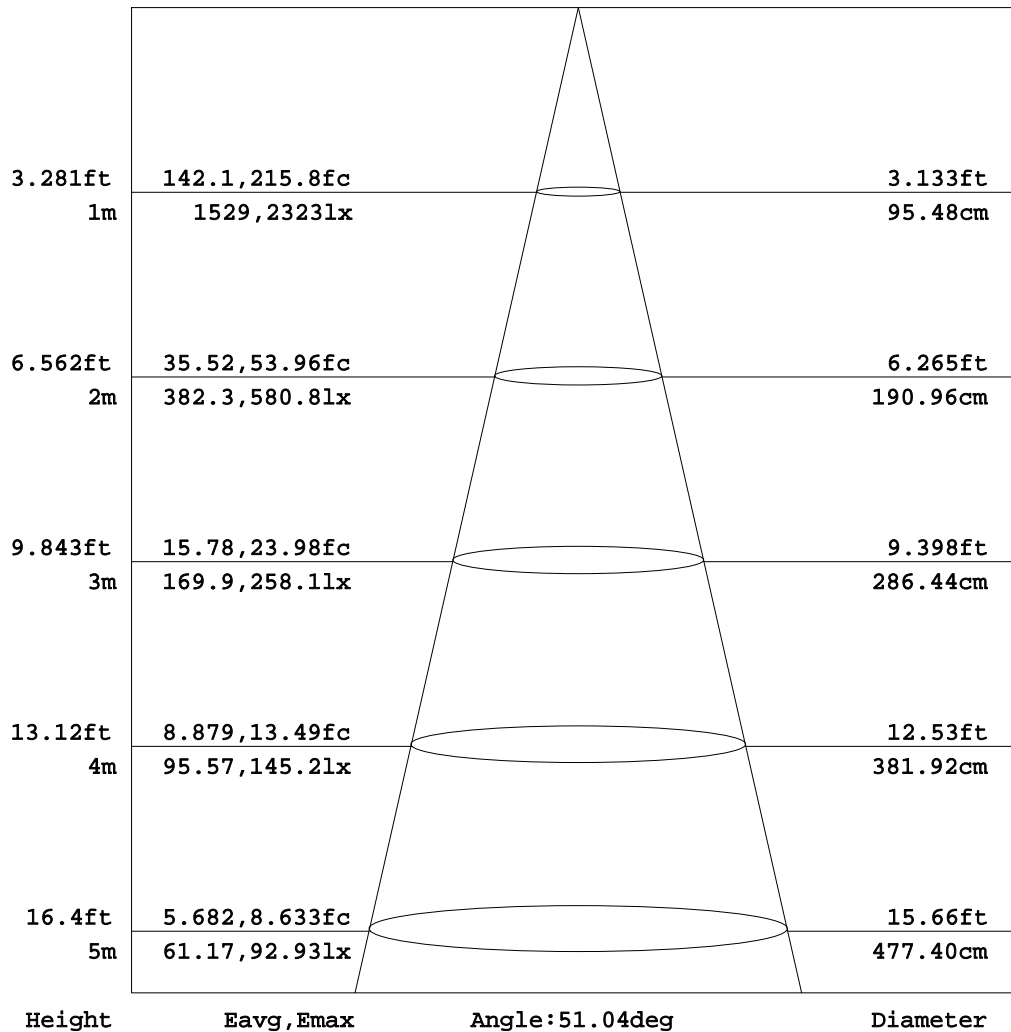
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-06-22

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:0.1312A P:27.63W PF:0.9546 Lamp Flux:1875.62x1 lm		
NAME: S150S2-25W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L162mm*W162mm*H188mm	
MFR.: NEKO LIGHTING AG		

Flux out:1143 lm



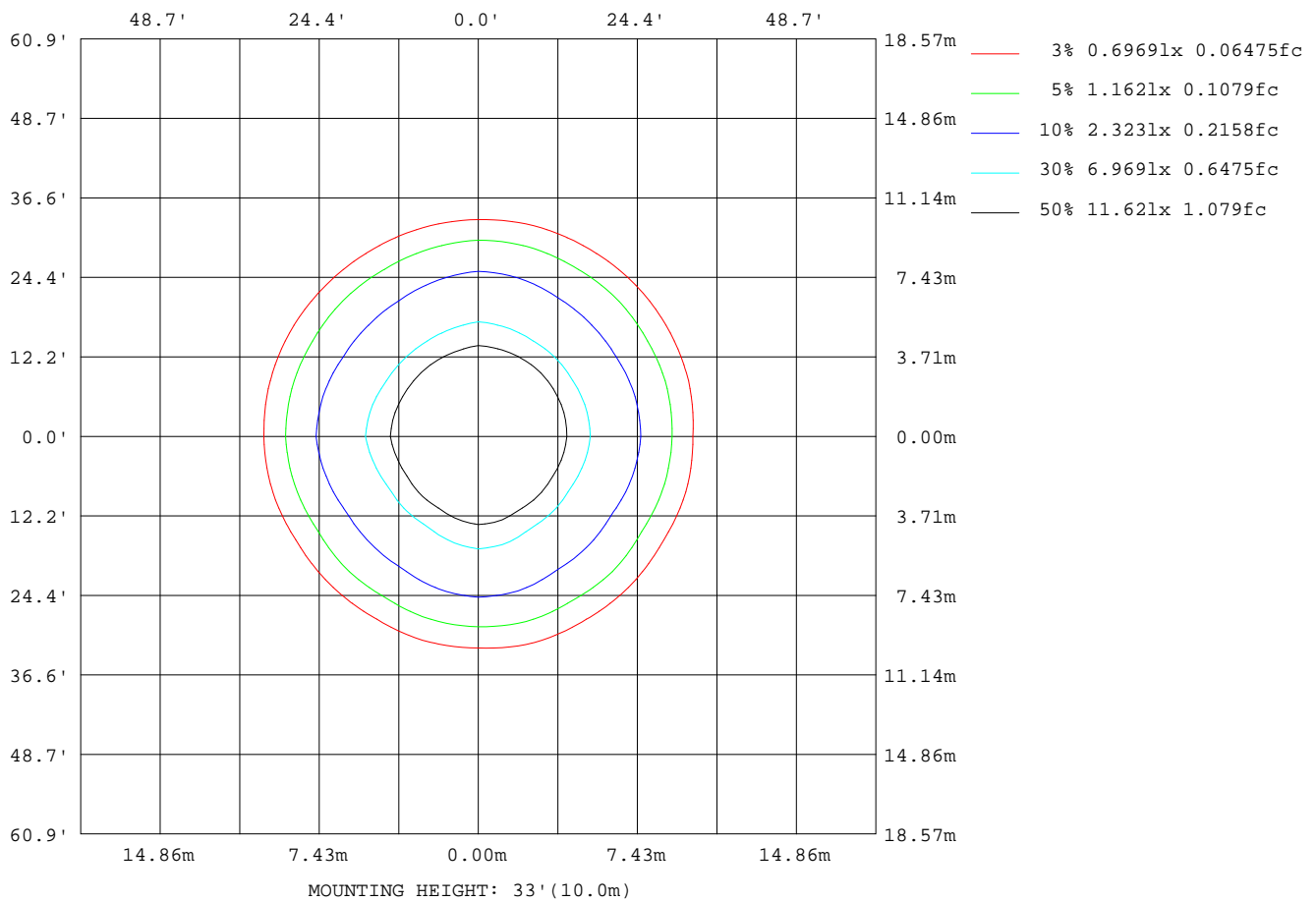
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-06-22

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

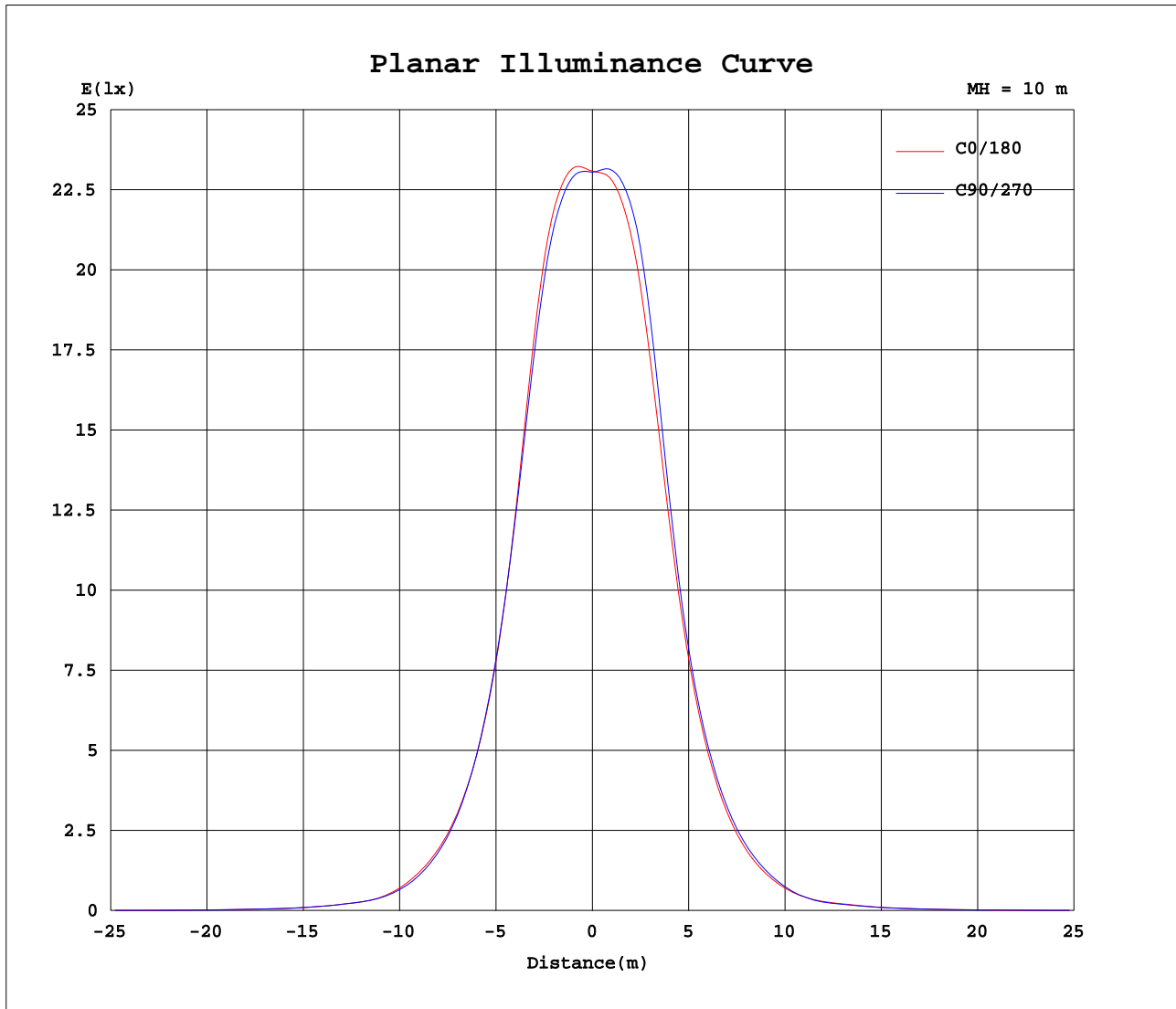
Test:U:220.6V I:0.1312A P:27.63W PF:0.9546 Lamp Flux:1875.62x1 lm		
NAME: S150S2-25W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L162mm*W162mm*H188mm	
MFR.: NEKO LIGHTING AG		



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-06-22

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: 2017-06-22

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	2308	2308	2308	2307	2307	2306	2305	2305	2305	2305
3.0	2330	2328	2326	2323	2322	2319	2317	2313	2310	2307
6.0	2354	2350	2343	2337	2335	2331	2325	2318	2311	2304
9.0	2350	2344	2332	2326	2319	2314	2304	2294	2280	2271
12.0	2303	2285	2259	2252	2246	2254	2242	2221	2190	2176
15.0	2172	2138	2091	2086	2079	2111	2103	2065	2009	1997
18.0	1938	1884	1821	1822	1811	1871	1883	1817	1735	1732
21.0	1627	1560	1494	1501	1483	1571	1602	1515	1413	1419
24.0	1316	1240	1172	1181	1168	1271	1318	1219	1107	1112
27.0	1050	975.9	901.7	908.7	905.0	1012	1061	968.5	856.8	855.0
30.0	832.8	768.4	698.0	700.5	705.9	796.8	838.3	762.2	667.2	659.3
33.0	654.2	604.1	545.4	546.7	553.1	619.9	650.5	593.1	522.0	514.1
36.0	508.1	472.2	428.7	433.2	433.2	477.7	493.3	456.5	409.3	406.9
39.0	389.4	365.3	338.3	346.0	340.2	364.3	369.0	347.5	320.9	324.2
42.0	288.8	278.9	261.9	269.8	262.1	273.8	266.5	259.9	245.0	250.1
45.0	199.6	200.6	188.5	191.6	189.5	195.1	185.0	184.4	174.5	175.5
48.0	130.6	134.3	127.2	126.5	127.4	134.1	126.8	126.5	117.4	114.2
51.0	96.77	92.49	88.38	80.91	88.62	96.86	97.69	91.66	82.46	75.49
54.0	73.81	70.78	64.97	57.98	66.21	73.12	73.07	68.47	62.23	56.47
57.0	50.44	47.75	46.27	45.03	46.49	50.44	51.41	47.57	43.44	44.06
60.0	36.86	32.84	29.63	31.62	30.13	34.00	36.53	32.16	28.33	31.54
63.0	24.68	19.57	16.07	20.99	15.99	18.03	22.52	17.60	14.53	21.12
66.0	15.27	6.278	5.655	12.35	5.131	6.539	12.89	6.487	4.822	12.11
69.0	8.792	1.609	1.742	6.578	1.829	1.412	7.374	1.344	1.713	6.064
72.0	3.436	0.8162	0.9539	2.639	0.9475	0.6587	3.288	0.5848	0.8447	2.361
75.0	0.8496	0.3843	0.6093	0.7787	0.3602	0.2793	0.5463	0.2749	0.3688	0.5515
78.0	0.1430	0.2341	0.3658	0.2992	0.1319	0.1137	0.1335	0.1787	0.1231	0.1178
81.0	0.1465	0.3151	0.3272	0.2492	0.1719	0.1530	0.1531	0.1556	0.0853	0.0809
84.0	0.2314	0.4026	0.3190	0.2427	0.1988	0.1425	0.1356	0.1324	0.0853	0.0831
87.0	0.3189	0.4541	0.3107	0.2274	0.1990	0.1399	0.1268	0.1093	0.0853	0.0897
90.0	0.2733	0.3258	0.2667	0.2230	0.1793	0.1399	0.1203	0.1115	0.0984	0.0984
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	2305	2306	2308	2308	2307	2306	2305	2305	2305	2305
3.0	2307	2307	2311	2312	2313	2315	2317	2321	2323	2326
6.0	2302	2305	2315	2316	2320	2325	2332	2343	2348	2354
9.0	2266	2273	2288	2291	2300	2309	2325	2341	2355	2362
12.0	2171	2191	2220	2220	2227	2235	2264	2294	2326	2333
15.0	1989	2029	2078	2071	2074	2076	2119	2161	2217	2221
18.0	1720	1781	1860	1841	1828	1833	1875	1921	2001	1994
21.0	1402	1482	1589	1556	1523	1528	1560	1603	1695	1672
24.0	1100	1192	1314	1268	1212	1214	1235	1283	1379	1339
27.0	850.7	947.4	1063	1016	944.3	938.5	955.0	1015	1105	1058
30.0	661.1	748.1	845.3	803.6	735.4	722.9	740.3	802.2	880.5	836.1
33.0	517.1	585.1	659.9	630.5	573.6	563.7	578.0	633.8	692.7	658.9
36.0	405.5	453.1	507.1	485.0	449.4	443.8	453.0	492.6	538.3	514.8
39.0	319.1	348.8	382.8	371.0	352.2	353.0	355.4	380.1	411.7	398.9
42.0	246.1	264.9	281.2	280.1	273.2	276.6	275.6	287.6	305.1	303.4
45.0	177.6	191.7	198.0	202.5	202.0	199.5	199.8	205.9	210.9	216.4
48.0	120.9	132.5	136.6	138.9	140.7	131.8	136.0	134.0	136.0	139.1
51.0	85.01	95.64	102.0	99.62	96.94	85.54	90.31	90.42	94.81	92.14
54.0	64.41	72.27	79.49	76.00	70.68	59.41	63.42	68.74	74.42	69.54
57.0	44.98	48.72	55.14	51.31	49.98	44.68	44.71	47.85	51.75	47.95
60.0	28.62	32.35	39.18	34.54	32.18	31.09	29.59	33.03	37.45	32.59
63.0	14.63	18.09	24.91	19.17	17.49	20.13	16.21	19.57	25.42	19.80
66.0	5.412	7.717	14.45	7.454	6.311	11.65	6.189	6.055	15.87	8.341
69.0	2.028	2.229	8.268	2.298	2.018	6.283	1.898	1.376	9.482	1.984
72.0	1.003	0.8704	3.516	0.8973	1.014	2.449	0.9793	0.7012	3.646	0.8092
75.0	0.4172	0.3534	0.7721	0.3664	0.4077	0.5897	0.4536	0.3684	0.8760	0.3771
78.0	0.1363	0.0962	0.2650	0.1011	0.1261	0.1319	0.1392	0.1230	0.2157	0.1142
81.0	0.0853	0.0875	0.0809	0.0853	0.0612	0.0613	0.0568	0.0767	0.0831	0.0875
84.0	0.0853	0.0875	0.0656	0.0766	0.0612	0.0590	0.0568	0.0743	0.0656	0.0853
87.0	0.0853	0.0875	0.0656	0.0700	0.0612	0.0590	0.0568	0.0678	0.0656	0.0766
90.0	0.0853	0.0875	0.0656	0.0634	0.0612	0.0590	0.0568	0.0634	0.0634	0.0722
G/C	300.0	315.0	330.0	345.0						
0.0	2305	2305	2305	2306						
3.0	2325	2328	2328	2329						
6.0	2354	2356	2356	2356						
9.0	2366	2367	2366	2362						
12.0	2333	2328	2329	2323						
15.0	2217	2201	2208	2202						
18.0	1987	1974	1973	1968						
21.0	1664	1659	1647	1646						

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2017-06-22

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	1314	1317	1300	1314
27.0	1008	1008	998.0	1033
30.0	777.6	767.4	768.3	812.8
33.0	607.4	594.1	598.9	640.7
36.0	477.8	468.8	471.0	498.6
39.0	376.9	374.2	371.1	386.7
42.0	293.8	296.5	291.4	296.1
45.0	214.3	217.8	216.3	213.2
48.0	144.4	143.6	146.6	141.9
51.0	93.10	90.77	97.53	96.92
54.0	65.44	59.98	68.54	74.16
57.0	45.87	44.43	48.53	49.93
60.0	30.57	30.78	31.31	33.70
63.0	17.04	20.15	17.60	20.48
66.0	6.249	12.16	6.623	8.200
69.0	1.905	6.981	1.916	2.005
72.0	1.067	3.037	1.032	0.8838
75.0	0.5124	0.7480	0.4688	0.4166
78.0	0.1523	0.1605	0.1502	0.1472
81.0	0.0612	0.0678	0.0612	0.1051
84.0	0.0612	0.0613	0.0612	0.0875
87.0	0.0612	0.0612	0.0612	0.0853
90.0	0.0612	0.0612	0.0612	0.1137

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-06-22

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: