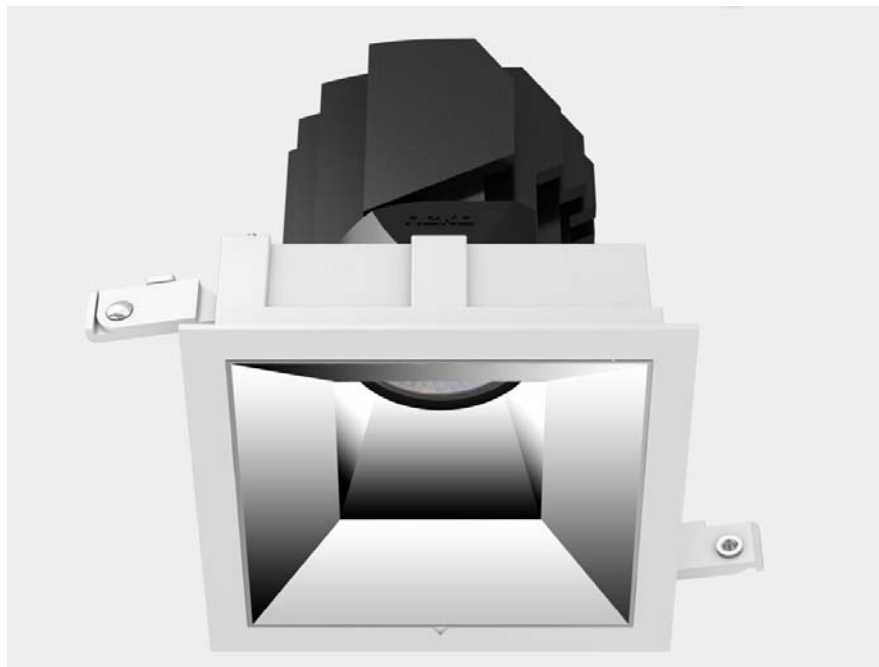


LED Downlight SENSE Series S150S2-25W-930-N



Light Output Ratio:	100.0%	
Luminaire Power:	27.64 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.50	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

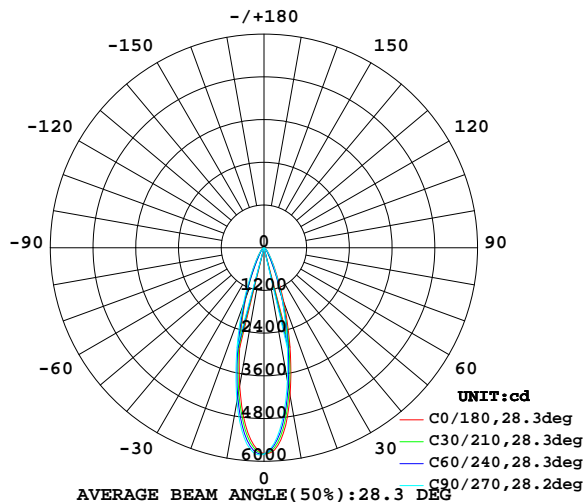
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

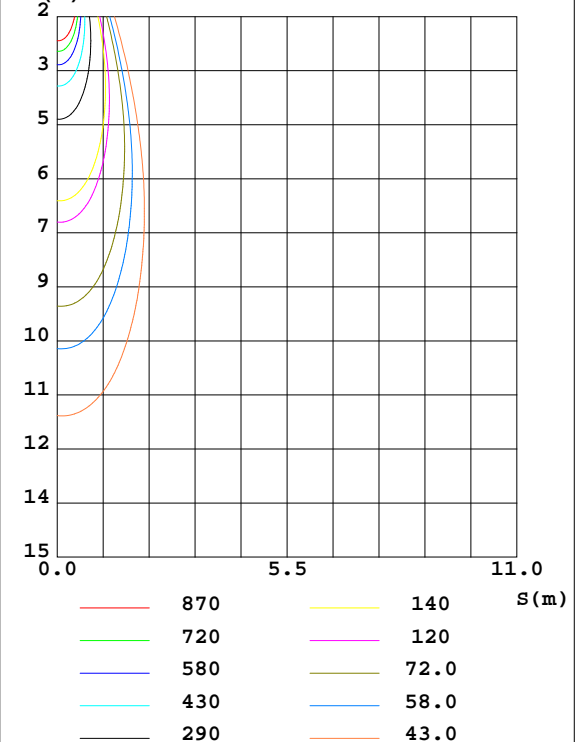
Test:U:220.6V I:0.1313A P:27.64W PF:0.9544 Lamp Flux:1880.76x1 lm		
NAME: S150S2-25W-930-N	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L162mm*W162mm*H188mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 68.03 lm/W			
MODEL	CITIZEN-3000K	I <sub>max</sub> (cd)	5840	S/MH(C0/180)	0.46
NOMINAL POWER(W)	28	LOR(%)	100.0	S/MH(C90/270)	0.51
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	1880.8	η UP,DN(C0-180)	0.0,47.5
NOMINAL FLUX(lm)	1880.76	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,52.5
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	0.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



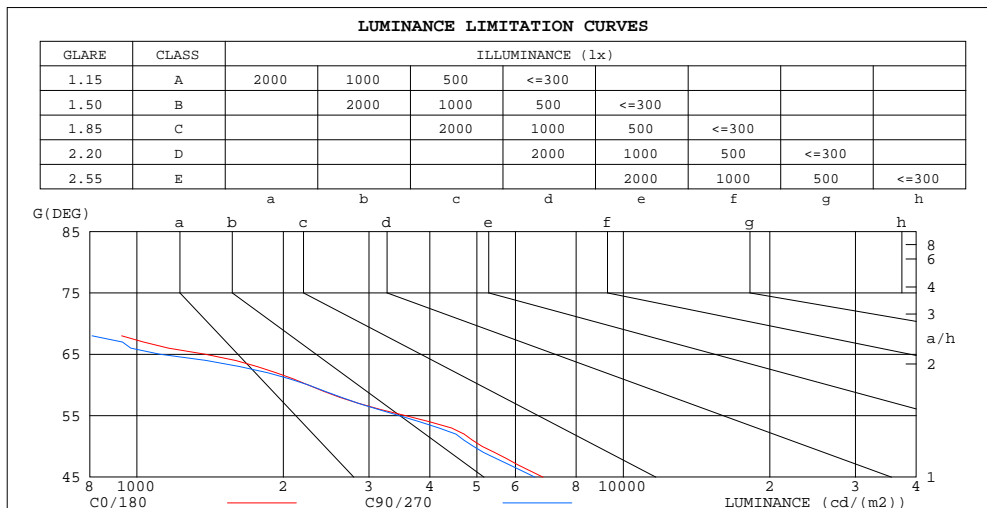
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-22

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:**

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum, lamp
10	4221	4043	3791	3817	3938	4139	4381	4514	0- 10	469.3	469.3	25,25
20	1637	1466	1447	1320	1521	1528	1746	1775	10- 20	738.0	1207	64.2,64.2
30	481.1	344.0	472.4	306.1	489.0	368.5	511.4	419.5	20- 30	378.0	1585	84.3,84.3
40	186.2	134.1	180.2	122.2	189.8	139.5	187.1	143.5	30- 40	154.7	1740	92.5,92.5
50	86.48	68.28	83.01	65.26	86.25	69.91	81.02	70.00	40- 50	84.68	1825	97,97
60	29.49	28.53	29.54	28.76	30.57	27.34	29.52	27.81	50- 60	43.49	1868	99.3,99.3
70	5.725	5.057	5.058	4.642	5.640	4.864	6.279	5.599	60- 70	11.64	1880	99.9,99.9
80	0.1708	0.3030	0.1731	0.0678	0.1222	0.0613	0.1697	0.0702	70- 80	0.8616	1881	100,100
90	0.3083	0.2449	0.1071	0.0765	0.0634	0.0547	0.0612	0.0612	80- 90	0.1356	1881	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	121	55
80	37	38
75	130	82
70	638	564
65	1381	1114
60	2248	2251
55	3571	3465
50	5127	4921
45	6836	6579

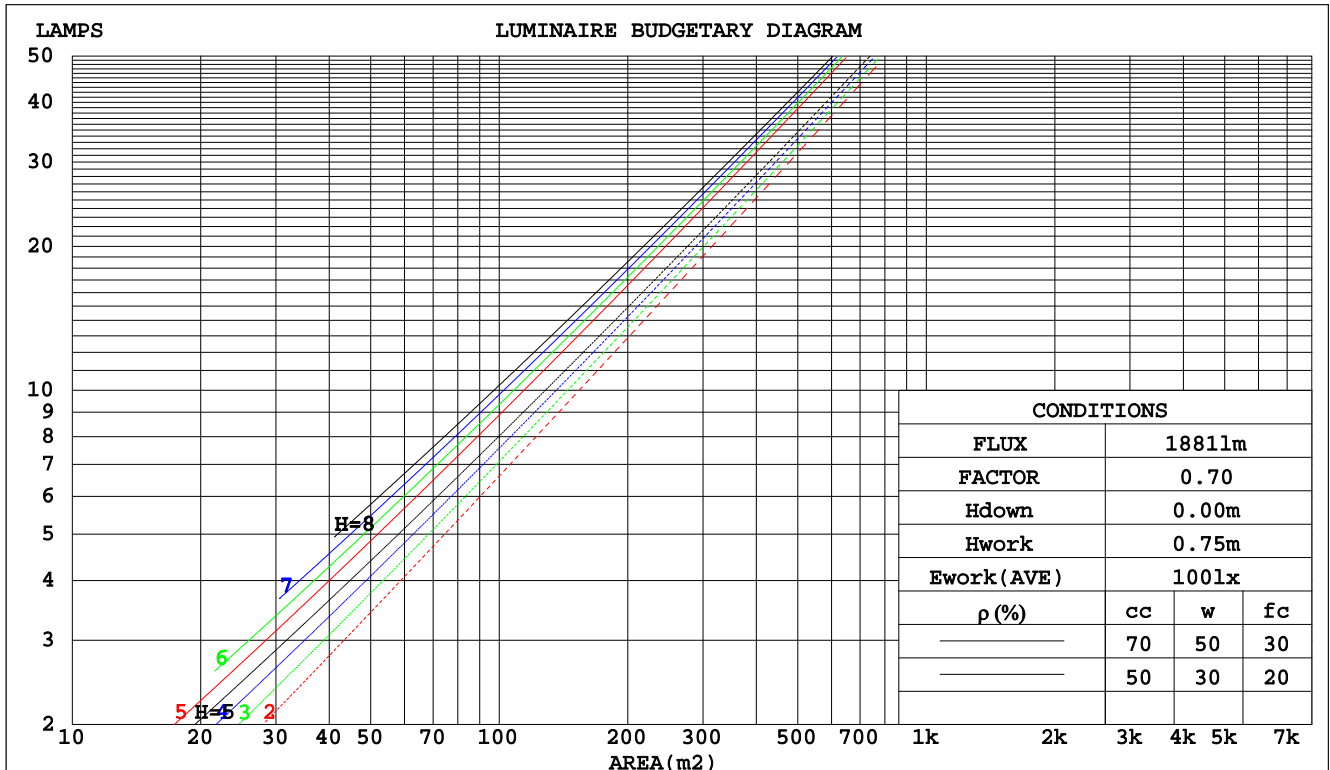
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-22

$\gamma$  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:0.1313A P:27.64W PF:0.9544 Lamp Flux:1880.76x1 lm		
NAME: S150S2-25W-930-N	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															



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:0.1313A P:27.64W PF:0.9544 Lamp Flux:1880.76x1 lm		
NAME: S150S2-25W-930-N	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	.157	.089	.028	.150	.086	.027	.138	.079	.025	.126	.073	.023	.115	.067	.022	
2.0	.148	.081	.025	.143	.079	.024	.132	.074	.023	.123	.069	.022	.114	.064	.020	
3.0	.140	.074	.022	.135	.072	.022	.126	.068	.021	.118	.065	.020	.111	.061	.019	
4.0	.132	.069	.020	.128	.067	.020	.121	.064	.019	.114	.061	.018	.107	.058	.018	
5.0	.125	.064	.018	.122	.062	.018	.115	.060	.018	.109	.058	.017	.103	.055	.017	
6.0	.119	.059	.017	.116	.058	.017	.110	.056	.016	.105	.054	.016	.100	.053	.016	
7.0	.113	.056	.016	.110	.055	.016	.105	.053	.015	.101	.052	.015	.096	.050	.015	
8.0	.107	.053	.015	.105	.052	.015	.101	.050	.014	.097	.049	.014	.093	.048	.014	
9.0	.103	.050	.014	.101	.049	.014	.097	.048	.014	.093	.047	.013	.090	.046	.013	
10.0	.098	.047	.013	.097	.047	.013	.093	.046	.013	.090	.045	.013	.087	.044	.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	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.153	.133	.115	.131	.114	.100	.090	.079	.070	.052	.046	.041	.017	.015	.013	
3.0	.139	.113	.093	.120	.098	.080	.082	.068	.056	.047	.040	.033	.015	.013	.011	
4.0	.128	.098	.076	.110	.085	.066	.076	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.118	.086	.063	.102	.075	.055	.070	.052	.039	.041	.031	.023	.013	.010	.008	
6.0	.110	.077	.053	.095	.066	.046	.065	.047	.033	.038	.027	.019	.012	.009	.006	
7.0	.103	.069	.045	.089	.060	.039	.061	.042	.028	.036	.025	.017	.011	.008	.005	
8.0	.097	.062	.039	.083	.054	.034	.058	.038	.024	.034	.022	.014	.011	.007	.005	
9.0	.091	.057	.034	.079	.049	.029	.054	.035	.021	.032	.020	.012	.010	.007	.004	
10.0	.086	.052	.029	.075	.045	.026	.052	.032	.018	.030	.019	.011	.010	.006	.004	

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

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:0.1313A P:27.64W PF:0.9544 Lamp Flux:1880.76x1 lm										
NAME: S150S2-25W-930-N					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	11.9	12.7	12.1	12.9	13.0	11.9	12.6	12.1	12.8	13.0
3H	11.8	12.5	12.1	12.7	12.9	11.7	12.5	12.0	12.7	12.9
4H	11.7	12.4	12.0	12.6	12.8	11.7	12.4	11.9	12.6	12.8
6H	11.6	12.3	11.9	12.5	12.8	11.6	12.2	11.9	12.5	12.7
8H	11.6	12.2	11.9	12.5	12.7	11.5	12.2	11.8	12.4	12.7
12H	11.5	12.2	11.9	12.4	12.7	11.5	12.1	11.8	12.4	12.6
4H 2H	11.8	12.5	12.1	12.7	13.0	11.8	12.5	12.1	12.7	12.9
3H	11.7	12.3	12.0	12.6	12.9	11.7	12.3	12.0	12.5	12.8
4H	11.6	12.2	12.0	12.5	12.8	11.6	12.1	11.9	12.4	12.7
6H	11.5	12.0	11.9	12.3	12.7	11.5	12.0	11.8	12.3	12.6
8H	11.5	11.9	11.9	12.3	12.6	11.4	11.9	11.8	12.2	12.6
12H	11.4	11.8	11.8	12.2	12.6	11.4	11.8	11.8	12.1	12.5
8H 4H	11.5	11.9	11.9	12.3	12.6	11.4	11.9	11.8	12.2	12.6
6H	11.4	11.7	11.8	12.1	12.5	11.3	11.7	11.7	12.1	12.5
8H	11.3	11.6	11.8	12.1	12.5	11.3	11.6	11.7	12.0	12.4
12H	11.3	11.5	11.7	12.0	12.4	11.2	11.5	11.7	11.9	12.4
12H 4H	11.4	11.8	11.8	12.2	12.6	11.4	11.8	11.8	12.1	12.5
6H	11.3	11.6	11.8	12.1	12.5	11.3	11.6	11.7	12.0	12.4
8H	11.3	11.5	11.7	12.0	12.4	11.2	11.5	11.7	11.9	12.4
Variations with the observer position at spacings:										
S = 1.0H	+ 2.6 / - 3.1					+ 2.5 / - 3.2				
1.5H	+ 3.0 / - 2.3					+ 2.9 / - 2.3				
2.0H	+ 3.8 / - 6.8					+ 3.7 / - 7.0				

CIE Pub.117 Corrected 1881 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:0.1313A P:27.64W PF:0.9544 Lamp Flux:1880.76x1 lm		
NAME: S150S2-25W-930-N	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) $k(RI) \times RCR = 5$									
$k = 0.60$	87	80	76	86	80	76	85	80	76	73
0.80	94	88	85	94	88	84	92	87	84	80
1.00	99	93	90	98	93	89	96	93	89	85
1.25	103	98	94	102	97	94	100	96	93	89
1.50	106	101	98	105	100	97	102	99	96	92
2.00	109	104	101	107	103	100	104	101	99	94
2.50	110	106	103	109	105	102	105	103	101	95
3.00	112	108	106	110	107	105	107	104	102	96
4.00	114	111	109	112	109	107	108	106	105	98
5.00	115	113	111	113	111	109	109	108	106	99
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

$\gamma$  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:0.1313A P:27.64W PF:0.9544 Lamp Flux:1880.76x1 lm		
NAME: S150S2-25W-930-N	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L162mm*W162mm*H188mm	
MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

1787.8 lm

%lum = 95.1%

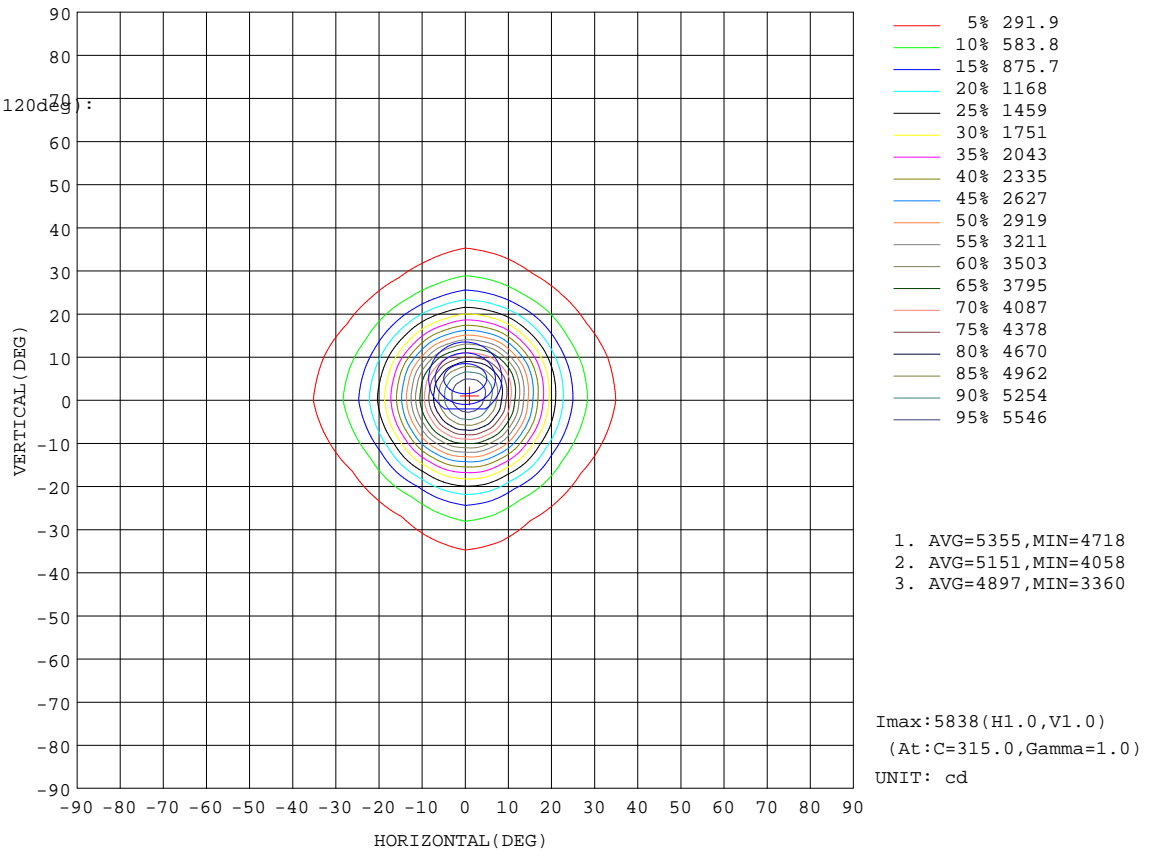
%lamp = 95.1%

Conical surface Flux(120deg):

1868.1 lm

%lum = 99.3%

%lamp = 99.3%



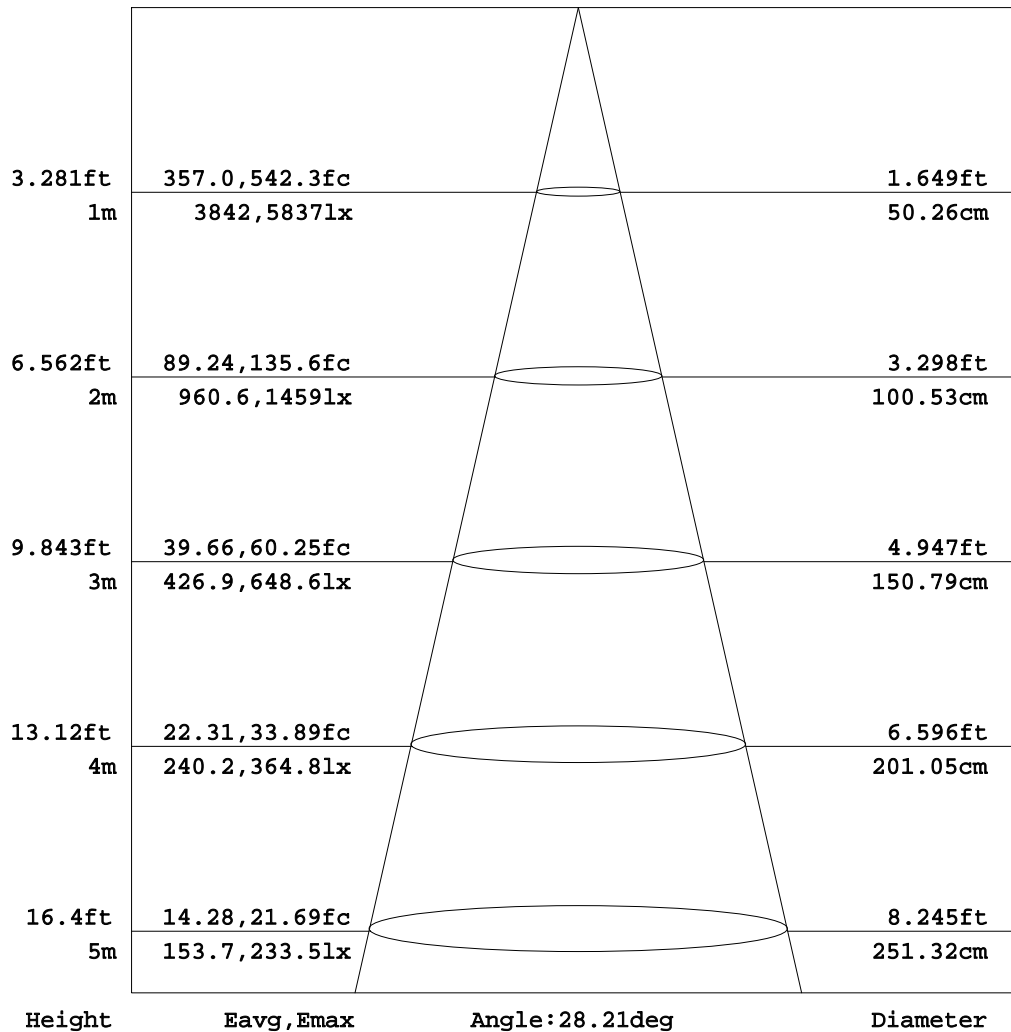
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-22

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:0.1313A P:27.64W PF:0.9544 Lamp Flux:1880.76x1 lm		
NAME: S150S2-25W-930-N	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L162mm*W162mm*H188mm	
MFR.: NEKO LIGHTING AG		

Flux out:866.7 lm



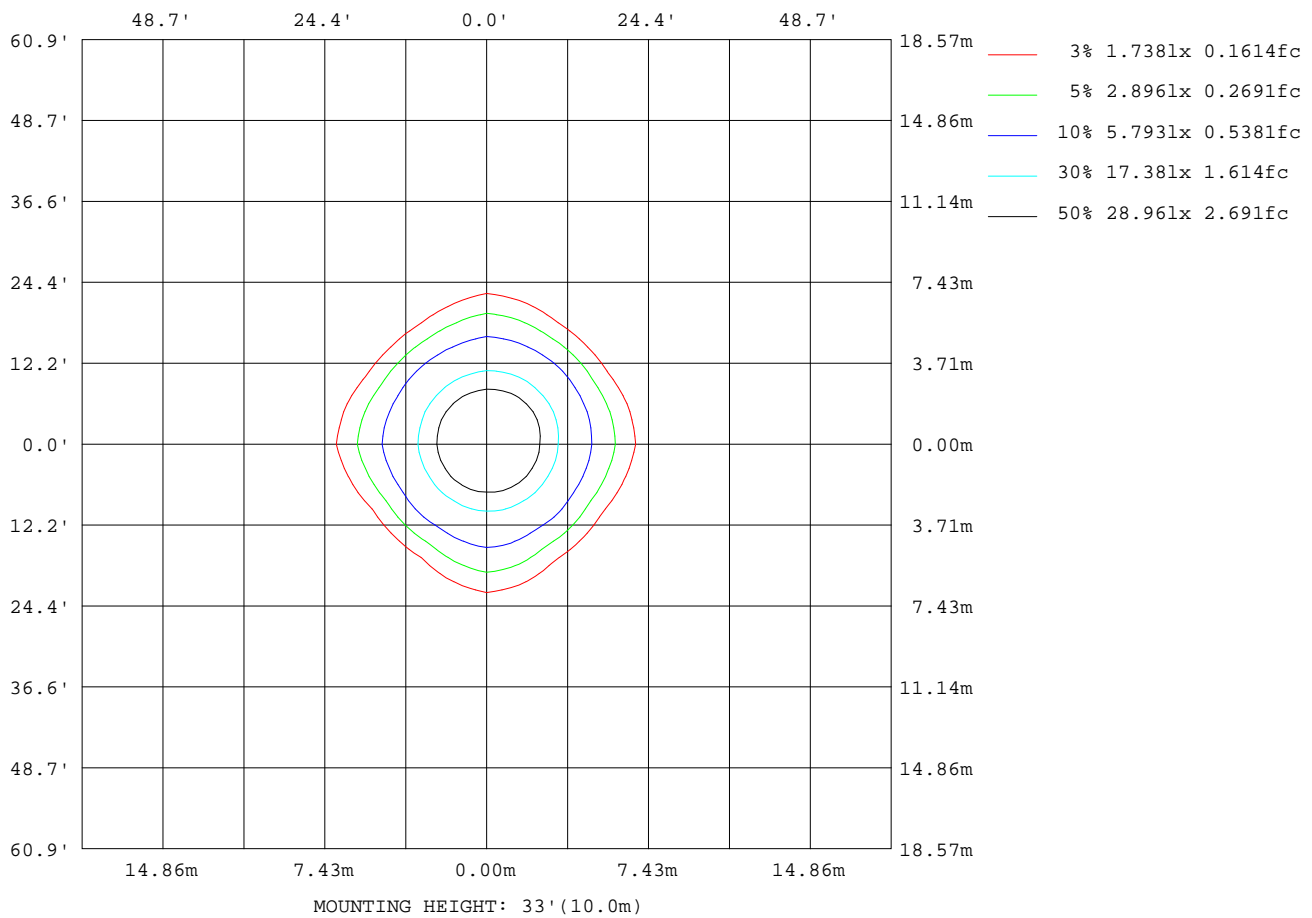
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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**

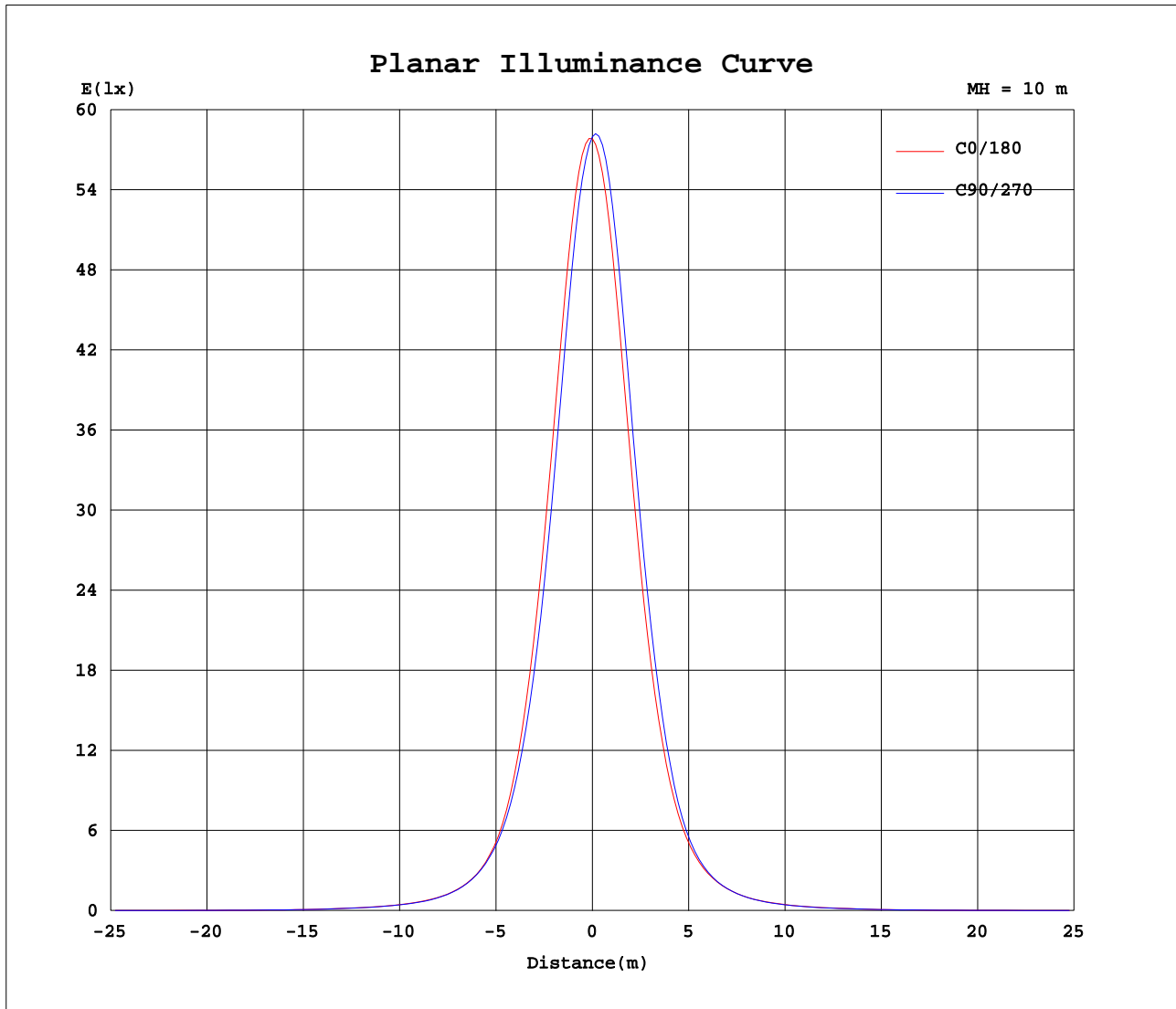
Test:U:220.6V I:0.1313A P:27.64W PF:0.9544 Lamp Flux:1880.76x1 lm		
NAME: S150S2-25W-930-N	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L162mm*W162mm*H188mm	
MFR.: NEKO LIGHTING AG		



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

$\gamma$  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	5783	5787	5791	5795	5796	5801	5798	5806	5801	5808
3.0	5684	5667	5622	5601	5551	5539	5499	5504	5481	5497
6.0	5236	5204	5118	5082	4995	4967	4897	4906	4870	4898
9.0	4503	4474	4363	4327	4210	4174	4081	4107	4067	4106
12.0	3644	3607	3505	3466	3350	3309	3220	3239	3208	3246
15.0	2797	2757	2655	2623	2531	2512	2440	2440	2394	2427
18.0	2060	2001	1899	1879	1813	1835	1801	1765	1692	1717
21.0	1449	1384	1280	1272	1229	1288	1291	1220	1130	1149
24.0	990.2	907.4	823.7	826.3	796.4	880.4	913.5	823.8	724.0	738.5
27.0	679.9	599.3	522.7	526.3	513.9	606.2	651.5	561.6	462.6	467.8
30.0	481.1	411.1	344.6	344.0	345.2	428.0	472.4	394.9	309.2	306.1
33.0	351.3	296.0	243.2	239.4	246.9	311.1	346.9	287.3	221.3	214.7
36.0	263.6	222.9	183.7	180.3	186.9	232.3	258.9	216.2	169.0	163.0
39.0	202.8	173.2	146.0	143.4	147.7	178.1	197.2	167.5	135.4	131.2
42.0	158.5	139.3	119.3	117.2	119.5	140.8	152.2	134.0	111.1	108.2
45.0	126.9	114.0	98.91	96.76	97.96	112.8	122.1	108.2	91.81	90.11
48.0	101.0	94.53	81.64	78.89	80.78	92.56	96.26	89.79	76.47	74.36
51.0	80.82	75.50	67.26	63.26	65.57	73.13	77.65	71.00	63.22	61.11
54.0	61.64	58.25	50.77	50.11	49.97	55.31	58.81	53.43	48.18	49.59
57.0	40.82	36.76	36.20	38.42	35.29	36.24	40.78	35.54	33.37	38.00
60.0	29.49	24.39	23.80	28.53	23.33	23.90	29.54	23.70	22.40	28.76
63.0	21.05	16.83	14.32	19.61	13.63	15.03	19.36	14.93	12.75	19.71
66.0	12.39	5.461	5.478	12.23	4.940	5.831	10.37	5.708	4.580	11.77
69.0	7.450	1.611	1.854	6.503	1.942	1.336	6.613	1.259	1.673	5.979
72.0	3.025	0.8446	1.002	2.720	1.018	0.6302	2.951	0.5477	0.8337	2.460
75.0	0.8830	0.3929	0.6291	0.8463	0.3495	0.2597	0.5581	0.2552	0.3513	0.5470
78.0	0.1714	0.2430	0.3854	0.3189	0.1144	0.1071	0.1532	0.0984	0.1056	0.1003
81.0	0.1684	0.3392	0.3629	0.2950	0.1804	0.1530	0.1619	0.0940	0.0722	0.0678
84.0	0.2488	0.4376	0.3760	0.2711	0.1967	0.1421	0.1313	0.0940	0.0722	0.0700
87.0	0.3278	0.4698	0.3523	0.2471	0.2033	0.1355	0.1181	0.0940	0.0722	0.0765
90.0	0.3083	0.3717	0.3017	0.2449	0.2012	0.1334	0.1071	0.0962	0.0765	0.0765
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	5804	5812	5783	5787	5791	5795	5796	5801	5798	5806
3.0	5495	5533	5548	5569	5620	5646	5696	5720	5759	5774
6.0	4893	4953	5000	5029	5120	5159	5248	5284	5362	5387
9.0	4090	4162	4221	4255	4372	4418	4528	4560	4658	4694
12.0	3231	3299	3363	3398	3516	3562	3668	3693	3793	3837
15.0	2418	2489	2562	2582	2685	2708	2808	2829	2938	2974
18.0	1713	1798	1888	1890	1944	1957	2032	2069	2185	2207
21.0	1146	1243	1349	1328	1334	1339	1398	1434	1551	1548
24.0	735.0	835.5	951.2	912.0	875.8	878.9	902.0	952.1	1063	1038
27.0	469.3	566.4	675.2	635.2	567.0	571.2	572.8	636.8	728.8	692.1
30.0	313.2	396.5	446.2	379.8	379.8	368.5	373.8	430.2	511.4	472.9
33.0	223.7	289.0	360.6	325.8	269.1	255.6	259.5	306.9	367.5	335.2
36.0	170.5	217.8	271.4	243.9	202.2	190.2	192.8	227.1	271.2	245.4
39.0	136.2	169.8	207.3	188.0	158.4	149.9	150.7	173.5	204.8	185.7
42.0	112.1	135.8	160.6	148.5	128.4	122.0	121.1	136.8	156.9	144.8
45.0	93.21	110.8	128.0	119.8	103.9	100.3	99.52	110.9	122.4	114.4
48.0	77.66	91.05	100.7	97.04	85.61	81.01	81.20	90.32	96.29	91.23
51.0	64.07	72.90	81.00	77.07	70.74	64.23	66.30	70.03	74.83	70.58
54.0	50.03	55.53	64.11	58.70	53.65	50.27	49.47	53.68	59.63	54.02
57.0	34.32	35.27	42.96	37.47	37.72	37.47	34.67	36.05	40.85	35.67
60.0	22.45	23.07	30.57	24.61	24.25	27.34	23.19	24.22	29.52	23.41
63.0	12.41	15.00	21.26	15.97	14.65	18.56	14.17	16.35	21.46	15.78
66.0	4.962	7.093	12.11	6.720	5.704	11.61	5.866	5.083	13.12	7.531
69.0	1.995	1.937	7.293	1.983	2.029	6.248	1.929	1.262	8.087	1.915
72.0	1.014	0.8312	2.948	0.8225	0.9961	2.560	1.021	0.6596	3.094	0.7718
75.0	0.4152	0.3381	0.7918	0.3488	0.3924	0.6142	0.4425	0.3487	0.9151	0.3574
78.0	0.1189	0.0896	0.4126	0.1010	0.1088	0.1210	0.1196	0.1229	0.2991	0.1098
81.0	0.0765	0.0743	0.1006	0.0853	0.0590	0.0569	0.0547	0.0767	0.0940	0.0875
84.0	0.0722	0.0722	0.0699	0.0722	0.0590	0.0547	0.0547	0.0722	0.0656	0.0831
87.0	0.0722	0.0722	0.0634	0.0678	0.0590	0.0547	0.0547	0.0678	0.0655	0.0766
90.0	0.0722	0.0722	0.0634	0.0634	0.0612	0.0547	0.0547	0.0612	0.0612	0.0722
G/C	300.0	315.0	330.0	345.0						
0.0	5801	5808	5804	5812						
3.0	5798	5797	5792	5760						
6.0	5448	5441	5435	5357						
9.0	4789	4782	4774	4660						
12.0	3945	3946	3935	3804						
15.0	3075	3063	3063	2939						
18.0	2269	2251	2255	2171						
21.0	1578	1562	1563	1518						

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	1034	1032	1021	1017
27.0	655.0	657.9	647.2	676.3
30.0	423.3	419.5	419.6	464.2
33.0	288.5	280.5	288.1	332.4
36.0	210.1	201.8	211.6	246.9
39.0	161.3	155.2	163.7	190.2
42.0	128.6	124.2	131.1	150.6
45.0	102.8	101.3	105.9	120.8
48.0	82.60	81.32	86.11	98.51
51.0	66.78	64.53	71.00	77.86
54.0	50.57	50.64	53.25	60.30
57.0	34.87	37.74	37.99	38.11
60.0	23.15	27.81	24.53	24.48
63.0	14.47	19.39	15.35	15.88
66.0	5.874	12.35	6.322	7.348
69.0	1.953	7.005	1.979	1.891
72.0	1.102	3.025	1.056	0.8596
75.0	0.5166	0.7503	0.4600	0.4144
78.0	0.1436	0.1540	0.1349	0.1493
81.0	0.0590	0.0635	0.0656	0.1073
84.0	0.0612	0.0612	0.0656	0.0940
87.0	0.0612	0.0612	0.0612	0.0984
90.0	0.0612	0.0612	0.0612	0.1377

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: