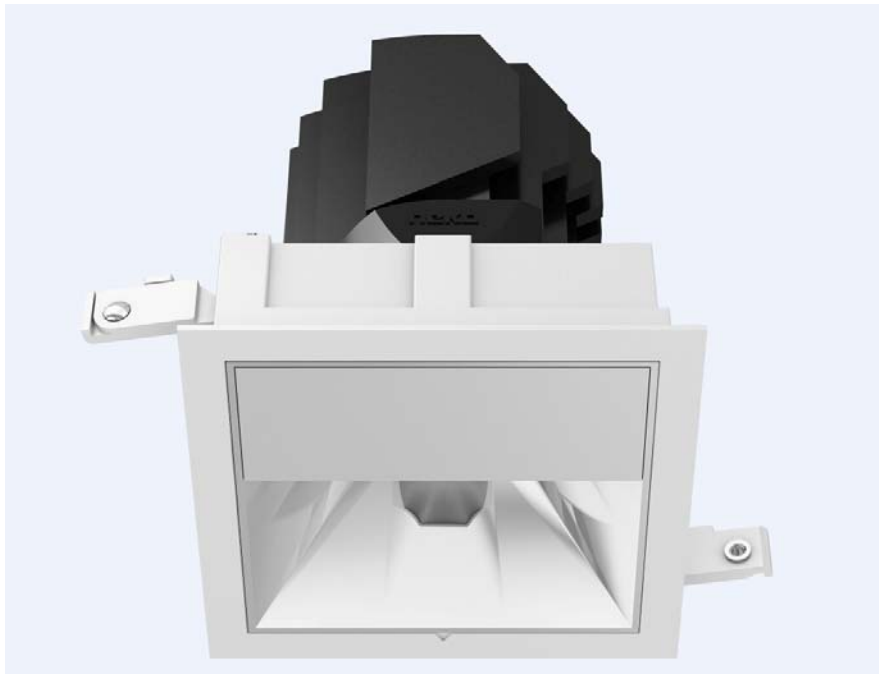


LED Downlight SENSE Series S150S3-25W-930



Light Output Ratio:	100.0%	
Luminaire Power:	27.64 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: 2017-06-22

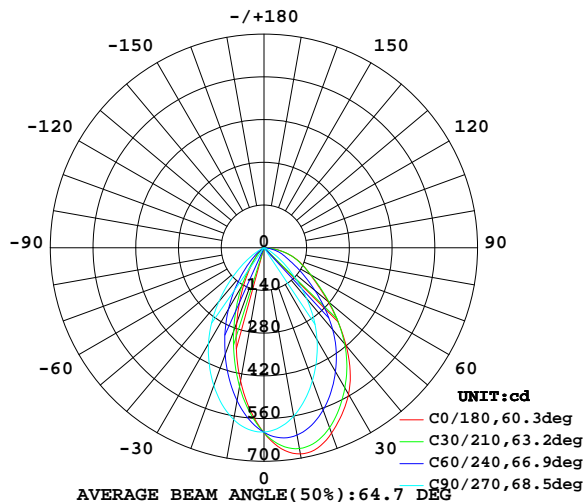
$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

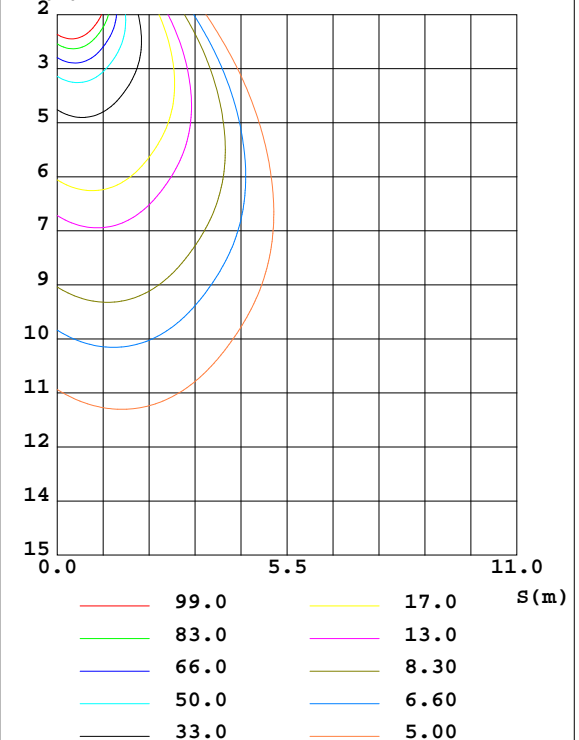
Test:U:220.6V I:0.1313A P:27.64W PF:0.9545 Lamp Flux:889.40lx1 lm		
NAME: S150S3-25W-930	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L162mm*W162mm*H188mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 32.18 lm/W			
MODEL	CITIZEN-3000K	I <sub>max</sub> (cd)	687.3	S/MH(C0/180)	0.56
NOMINAL POWER(W)	28	LOR(%)	100.0	S/MH(C90/270)	0.97
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	889.40	η UP,DN(C0-180)	0.0,52.3
NOMINAL FLUX(lm)	889.401	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,47.7
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)



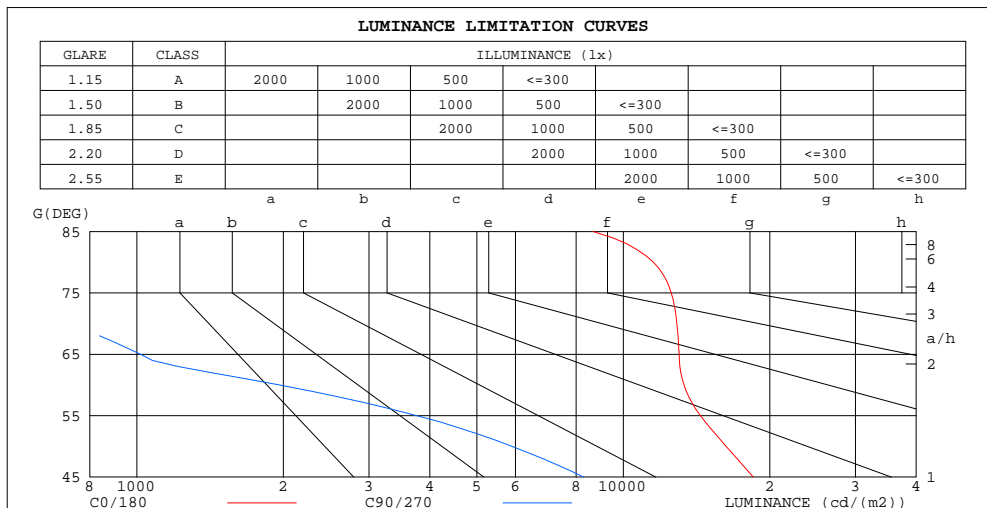
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Meng Yongjian  
 Test Date:2017-06-22

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	686.1	648.8	560.6	475.6	443.7	480.9	571.9	658.4	0- 10	55.84	55.84	6.28,6.28
20	646.9	604.4	464.1	319.7	261.9	324.3	480.8	622.4	10- 20	145.5	201.4	22.6,22.6
30	554.4	508.0	348.1	178.9	122.9	180.2	364.1	527.4	20- 30	186.7	388.1	43.6,43.6
40	418.8	392.8	217.4	67.91	47.06	68.12	230.7	409.2	30- 40	180.5	568.6	63.9,63.9
50	274.4	267.7	99.63	13.63	19.71	13.17	106.2	278.5	40- 50	138.9	707.6	79.6,79.6
60	174.9	159.0	25.78	4.269	4.836	4.160	27.27	162.9	50- 60	88.51	796.1	89.5,89.5
70	115.7	99.35	6.487	1.787	1.710	1.733	5.591	100.4	60- 70	53.76	849.8	95.6,95.6
80	52.55	45.47	0.9762	0.7822	0.7581	0.7592	0.8024	47.52	70- 80	31.67	881.5	99.1,99.1
90	0.1662	0.1421	0.1596	0.2536	0.2580	0.2361	0.1050	0.0918	80- 90	7.892	889.4	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	8657	132
80	11530	214
75	12544	452
70	12885	723
65	13024	1017
60	13329	1965
55	14406	3759
50	16269	5906
45	18497	8293

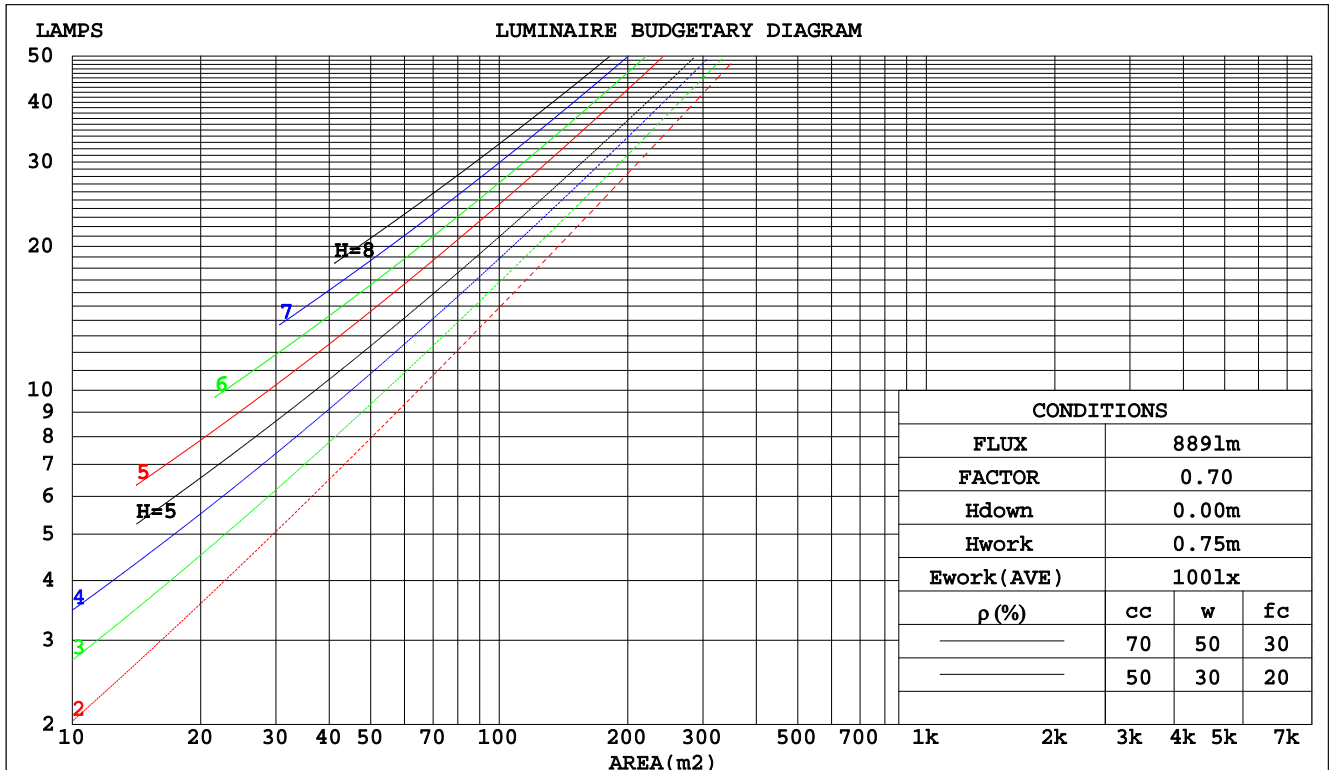
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-22

$\gamma$  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:0.9545 Lamp Flux:889.40lx1 lm		
NAME: S150S3-25W-930	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	1.07	1.04	1.00	1.05	1.02	.99	1.01	.98	.96	.97	.95	.93	.93	.92	.90	.88
2.0	.96	.91	.86	.94	.89	.85	.91	.87	.83	.88	.84	.81	.85	.82	.79	.77
3.0	.87	.80	.75	.85	.79	.74	.82	.77	.73	.80	.75	.71	.77	.74	.70	.68
4.0	.79	.71	.66	.77	.71	.65	.75	.69	.64	.73	.68	.64	.71	.66	.63	.61
5.0	.72	.64	.58	.71	.64	.58	.69	.62	.58	.67	.61	.57	.65	.60	.56	.55
6.0	.66	.58	.53	.65	.58	.52	.63	.57	.52	.62	.56	.52	.60	.55	.51	.49
7.0	.61	.53	.48	.60	.53	.48	.59	.52	.47	.57	.51	.47	.56	.51	.47	.45
8.0	.56	.49	.44	.56	.48	.43	.54	.48	.43	.53	.47	.43	.52	.47	.43	.41
9.0	.52	.45	.40	.52	.45	.40	.51	.44	.40	.50	.44	.40	.49	.43	.39	.38
10.0	.49	.42	.37	.48	.41	.37	.47	.41	.37	.46	.41	.37	.46	.40	.36	.35



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:0.9545 Lamp Flux:889.40lx1 lm		
NAME: S150S3-25W-930	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	.249	.142	.045	.242	.138	.044	.229	.131	.042	.217	.125	.040	.206	.119	.039		
2.0	.237	.130	.040	.231	.127	.039	.220	.122	.038	.210	.118	.037	.200	.113	.036		
3.0	.223	.119	.036	.218	.117	.035	.208	.113	.034	.199	.109	.033	.190	.105	.033		
4.0	.209	.108	.032	.204	.107	.032	.195	.104	.031	.187	.101	.030	.180	.098	.030		
5.0	.195	.100	.029	.191	.098	.029	.184	.096	.028	.177	.093	.028	.170	.091	.027		
6.0	.183	.092	.026	.180	.091	.026	.173	.089	.026	.167	.087	.025	.161	.085	.025		
7.0	.173	.085	.024	.169	.084	.024	.163	.083	.024	.158	.081	.024	.152	.079	.023		
8.0	.163	.080	.022	.160	.079	.022	.155	.077	.022	.149	.076	.022	.145	.074	.022		
9.0	.154	.074	.021	.151	.074	.021	.146	.072	.021	.142	.071	.020	.138	.070	.020		
10.0	.146	.070	.019	.143	.069	.019	.139	.068	.019	.135	.067	.019	.131	.066	.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	.176	.157	.139	.151	.134	.120	.103	.093	.083	.059	.054	.048	.019	.017	.016	
2.0	.165	.132	.105	.141	.114	.090	.097	.079	.063	.056	.046	.037	.018	.015	.012	
3.0	.155	.114	.081	.133	.098	.070	.091	.068	.049	.053	.040	.029	.017	.013	.010	
4.0	.147	.100	.064	.126	.086	.056	.087	.060	.039	.050	.035	.023	.016	.011	.008	
5.0	.139	.089	.052	.119	.077	.046	.082	.054	.032	.048	.032	.019	.015	.010	.006	
6.0	.132	.080	.043	.113	.070	.038	.078	.049	.027	.045	.029	.016	.015	.009	.005	
7.0	.125	.073	.037	.108	.064	.032	.075	.045	.023	.043	.026	.014	.014	.009	.004	
8.0	.119	.067	.032	.103	.058	.028	.071	.041	.020	.041	.024	.012	.013	.008	.004	
9.0	.114	.062	.028	.098	.054	.024	.068	.038	.017	.040	.022	.010	.013	.007	.003	
10.0	.109	.058	.024	.094	.050	.021	.065	.035	.015	.038	.021	.009	.012	.007	.003	

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

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:0.9545 Lamp Flux:889.40lx1 lm										
NAME: S150S3-25W-930					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	23.6	24.9	23.8	25.1	25.2	20.1	21.4	20.4	21.6	21.8
3H	25.0	26.1	25.2	26.4	26.6	20.2	21.4	20.5	21.6	21.9
4H	25.6	26.7	25.9	27.0	27.2	20.2	21.3	20.5	21.6	21.8
6H	26.1	27.1	26.4	27.4	27.7	20.1	21.2	20.5	21.5	21.7
8H	26.2	27.3	26.6	27.5	27.8	20.1	21.1	20.4	21.4	21.7
12H	26.3	27.3	26.7	27.6	27.9	20.0	21.0	20.4	21.3	21.6
4H 2H	23.9	25.0	24.2	25.3	25.5	21.3	22.4	21.5	22.6	22.8
3H	25.6	26.6	25.9	26.8	27.1	21.8	22.7	22.1	23.0	23.3
4H	26.4	27.3	26.8	27.6	27.9	21.9	22.8	22.3	23.1	23.4
6H	27.0	27.8	27.4	28.2	28.5	21.9	22.7	22.3	23.0	23.4
8H	27.2	28.0	27.6	28.3	28.7	21.8	22.6	22.2	22.9	23.3
12H	27.4	28.0	27.8	28.4	28.8	21.8	22.5	22.2	22.8	23.2
8H 4H	26.6	27.3	27.0	27.6	28.0	22.8	23.5	23.2	23.9	24.2
6H	27.4	28.0	27.8	28.4	28.8	22.9	23.5	23.4	23.9	24.3
8H	27.7	28.2	28.1	28.6	29.1	22.9	23.4	23.4	23.9	24.3
12H	27.8	28.3	28.3	28.7	29.2	22.9	23.3	23.3	23.8	24.2
12H 4H	26.5	27.2	26.9	27.6	28.0	22.9	23.6	23.3	23.9	24.3
6H	27.4	27.9	27.8	28.3	28.8	23.2	23.7	23.6	24.1	24.6
8H	27.7	28.2	28.2	28.6	29.1	23.2	23.7	23.7	24.1	24.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 0.7 / - 0.7				
1.5H	+ 0.1 / - 0.2					+ 0.6 / - 1.1				
2.0H	+ 0.4 / - 0.4					+ 1.0 / - 1.7				

CIE Pub.117 Corrected 889.4 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.4)

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:0.9545 Lamp Flux:889.40lx1 lm		
NAME: S150S3-25W-930	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) $k(RI) \times RCR = 5$									
$k = 0.60$	69	59	54	68	59	54	67	59	53	48
0.80	78	69	63	78	69	63	76	68	63	57
1.00	86	77	71	85	76	71	83	77	70	65
1.25	92	83	78	90	83	78	88	81	77	71
1.50	96	88	83	94	87	82	92	86	81	75
2.00	101	94	89	99	93	89	96	91	87	80
2.50	104	98	93	102	97	92	99	94	90	83
3.00	106	101	97	104	100	96	101	97	94	86
4.00	110	105	102	107	103	100	103	100	97	89
5.00	111	108	105	109	106	103	105	102	100	91
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  
 $\gamma$  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:0.9545 Lamp Flux:889.40lx1 lm		
NAME: S150S3-25W-930	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L162mm*W162mm*H188mm	
MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

644.48 lm

%lum = 72.5%

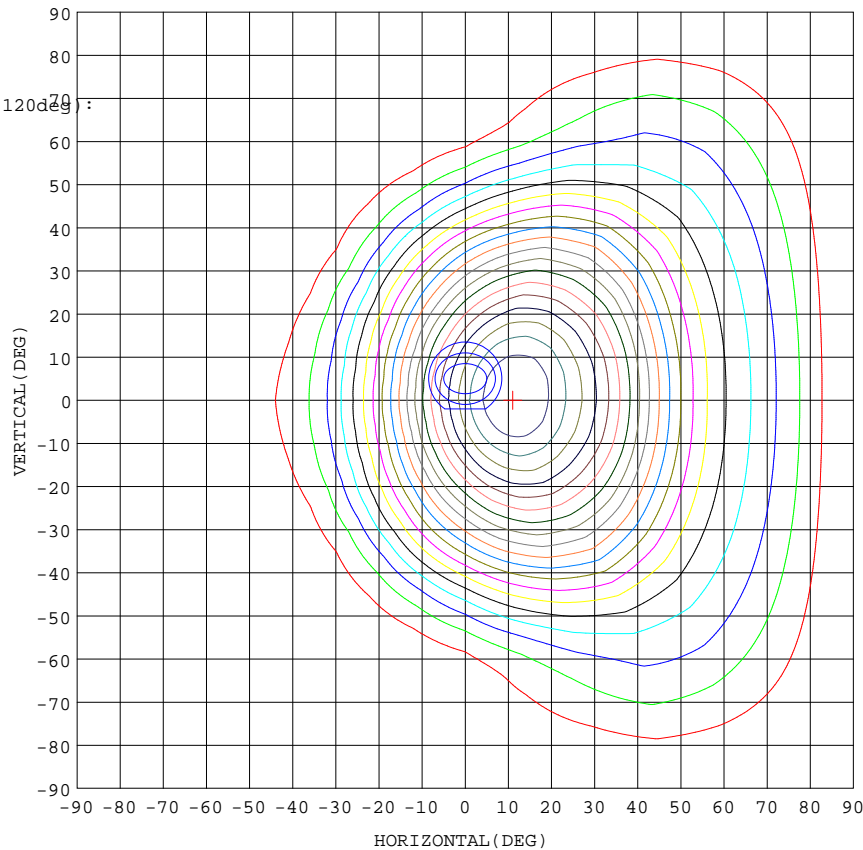
%lamp = 72.5%

Conical surface Flux(120deg):

796.08 lm

%lum = 89.5%

%lamp = 89.5%



5%	34.36
10%	68.73
15%	103.1
20%	137.5
25%	171.8
30%	206.2
35%	240.6
40%	274.9
45%	309.3
50%	343.6
55%	378.0
60%	412.4
65%	446.7
70%	481.1
75%	515.5
80%	549.8
85%	584.2
90%	618.6
95%	652.9

1. AVG=593.6,MIN=522.7
2. AVG=589.4,MIN=491.1
3. AVG=583.5,MIN=463.7

Imax:687.3(H11.0,V0.0)  
(At:C=0.0,Gamma=11.0)

UNIT: cd

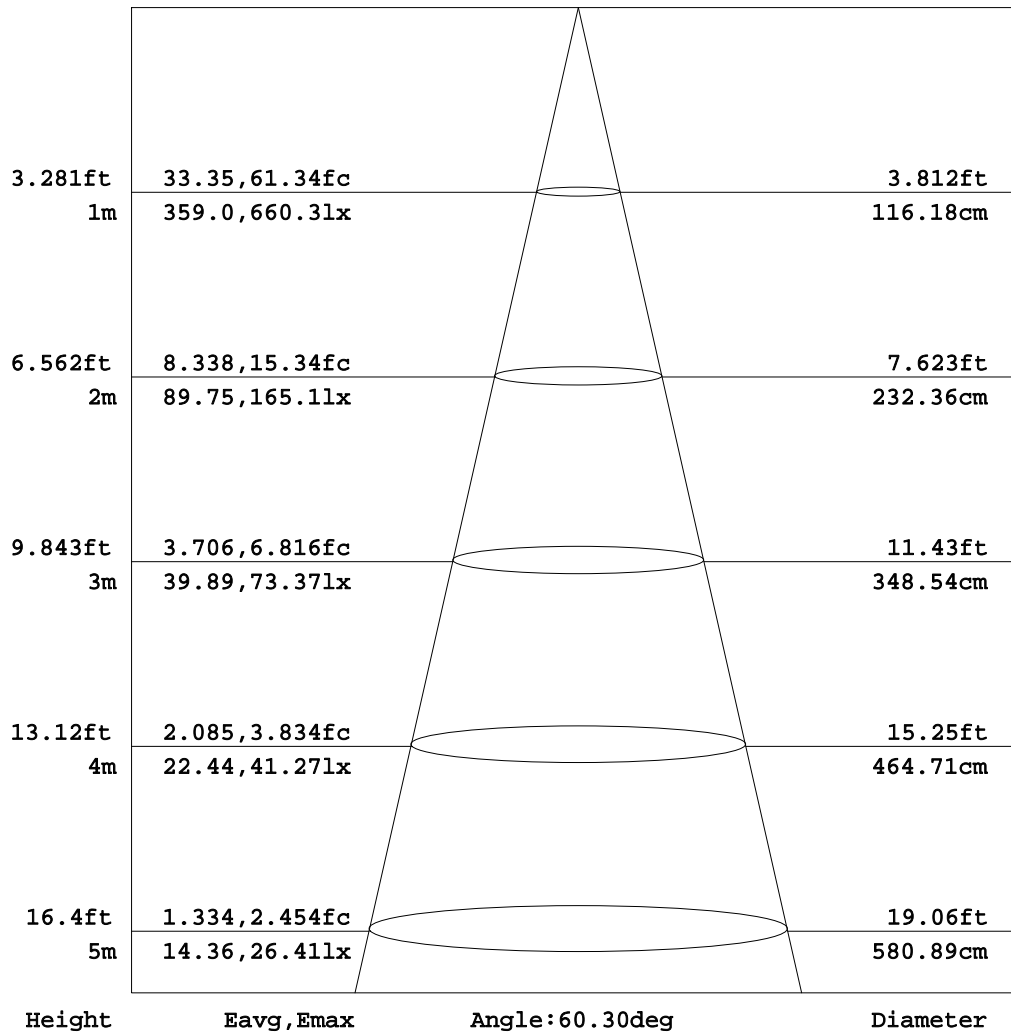
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-22

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:0.9545 Lamp Flux:889.40lx1 lm		
NAME: S150S3-25W-930	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L162mm*W162mm*H188mm	
MFR.: NEKO LIGHTING AG		

Flux out:407.2 lm



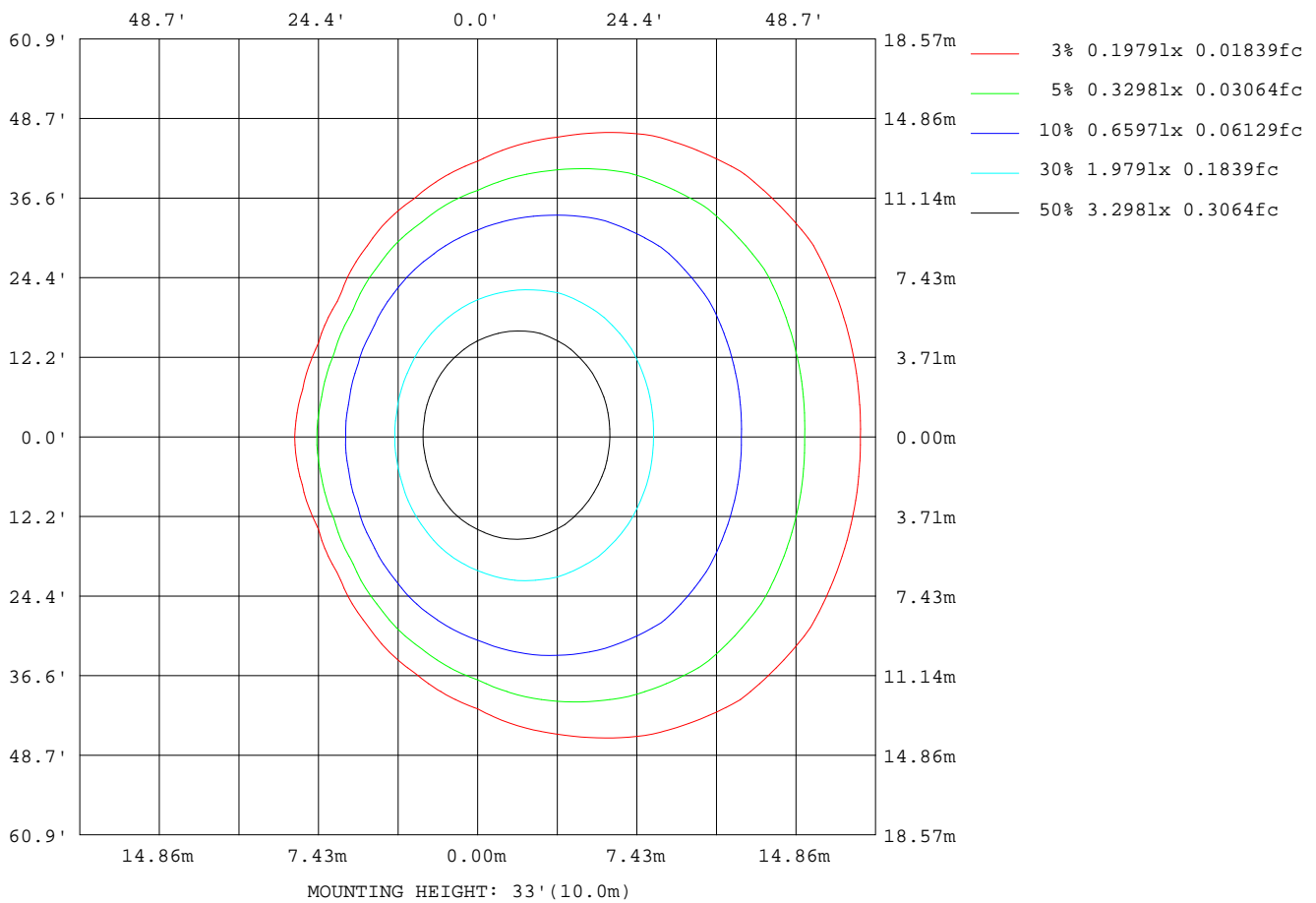
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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**

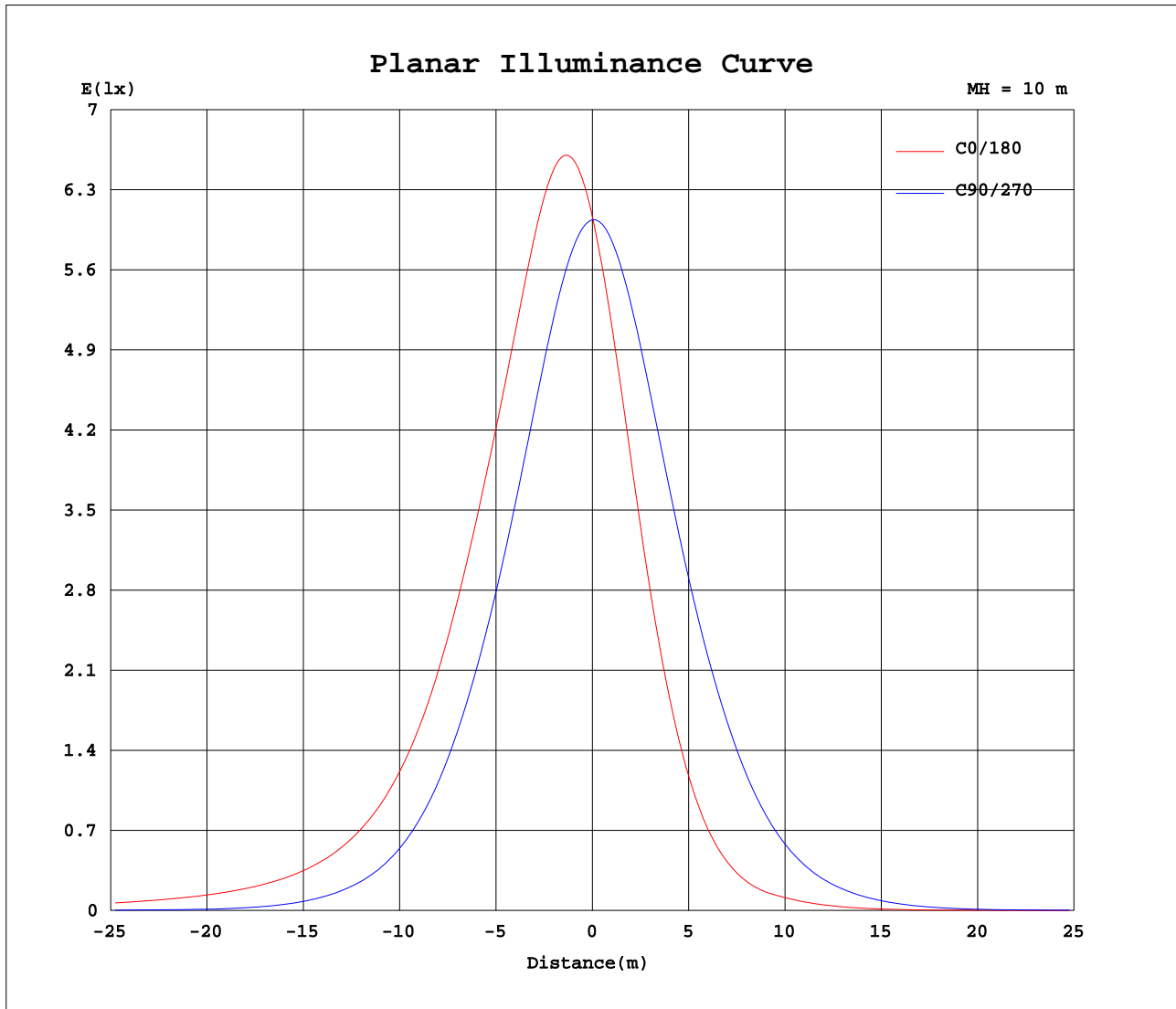
Test:U:220.6V I:0.1313A P:27.64W PF:0.9545 Lamp Flux:889.40lx1 lm		
NAME: S150S3-25W-930	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L162mm*W162mm*H188mm	
MFR.: NEKO LIGHTING AG		



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	606.8	604.9	606.1	604.5	605.0	604.0	603.9	603.9	603.2	604.2
3.0	642.6	639.4	635.8	627.9	619.6	609.2	598.4	588.6	578.2	571.4
6.0	668.7	664.2	656.3	642.8	626.6	607.1	586.3	566.9	547.4	533.1
9.0	683.7	678.2	666.8	648.8	625.5	598.2	567.9	540.0	511.7	490.7
12.0	687.2	681.2	667.4	646.1	617.1	582.8	544.3	508.6	473.2	445.2
15.0	679.5	673.5	658.7	635.8	602.2	562.1	516.5	474.3	432.2	397.7
18.0	662.3	656.9	642.4	618.8	582.2	537.3	485.8	438.1	390.2	350.5
21.0	638.6	633.6	619.9	596.4	557.9	509.3	453.0	400.9	347.9	304.6
24.0	612.4	606.5	592.7	569.9	530.4	479.2	419.0	363.5	306.6	260.6
27.0	584.9	577.8	562.2	540.1	500.4	447.2	384.1	325.7	266.1	218.6
30.0	554.4	547.2	530.2	508.0	468.7	413.6	348.1	287.7	226.7	178.9
33.0	519.0	513.2	496.8	474.1	435.6	378.2	310.5	249.0	188.0	141.4
36.0	478.6	474.8	461.8	439.4	400.7	340.3	271.2	210.6	150.6	106.6
39.0	434.3	432.5	424.6	404.6	363.7	300.0	230.9	172.0	116.5	76.79
42.0	388.2	387.9	384.6	369.2	323.2	259.5	191.4	135.1	86.71	52.27
45.0	343.3	344.4	344.2	332.8	282.5	220.6	153.9	102.1	61.77	33.47
48.0	300.8	302.9	305.1	294.2	243.4	183.5	119.9	74.60	42.15	19.91
51.0	261.9	264.8	267.5	254.7	206.4	149.1	90.24	51.90	26.82	11.30
54.0	227.2	230.6	232.9	217.7	172.8	117.1	64.63	33.46	15.41	7.950
57.0	198.1	200.8	202.6	185.8	143.4	89.20	42.61	18.98	7.804	5.743
60.0	174.9	176.2	176.8	159.0	118.0	67.16	25.78	8.862	3.985	4.269
63.0	155.7	156.0	154.8	136.7	97.06	51.34	14.49	3.341	2.942	3.257
66.0	138.7	138.8	136.0	118.3	80.85	41.56	10.21	2.261	2.272	2.497
69.0	121.5	121.1	119.6	103.7	68.78	34.08	7.352	1.757	1.786	1.938
72.0	103.7	103.3	102.5	89.86	57.25	26.28	4.973	1.374	1.447	1.523
75.0	85.21	84.95	84.28	74.37	44.88	18.83	3.070	1.053	1.138	1.208
78.0	65.86	65.68	64.71	57.35	31.95	11.68	1.629	0.7668	0.8667	0.9308
81.0	45.81	45.74	44.67	39.44	19.27	5.557	0.7436	0.5658	0.6588	0.7188
84.0	26.04	26.10	24.93	21.51	8.465	1.642	0.3508	0.4128	0.4882	0.5439
87.0	8.338	8.430	7.551	6.137	1.710	0.2705	0.2321	0.3037	0.3590	0.3955
90.0	0.1662	0.1618	0.1531	0.1421	0.1618	0.1377	0.1596	0.2340	0.2514	0.2536
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	603.1	605.0	606.8	604.9	606.1	604.5	605.0	604.0	603.9	603.9
3.0	564.3	562.6	563.8	563.5	569.1	574.0	583.1	591.7	602.2	612.2
6.0	519.8	514.8	515.2	516.2	526.2	537.2	554.7	572.5	593.5	613.3
9.0	471.4	463.0	462.3	464.4	478.7	495.6	521.3	547.7	578.3	607.4
12.0	420.1	407.8	406.3	409.5	427.6	450.7	483.6	518.0	557.2	594.8
15.0	367.9	352.9	349.7	354.1	375.4	402.9	443.2	484.5	531.4	576.2
18.0	317.4	300.1	296.1	301.2	324.2	355.4	401.1	449.0	502.1	553.1
21.0	269.1	250.3	245.7	251.1	275.0	308.8	358.2	411.7	469.9	526.1
24.0	223.9	204.6	199.6	205.0	228.9	263.9	315.8	373.8	436.0	496.3
27.0	182.1	163.5	158.6	163.5	185.9	221.0	274.3	335.2	400.6	464.1
30.0	143.9	127.6	122.9	127.1	146.9	180.2	233.7	296.1	364.1	430.2
33.0	109.7	96.38	93.62	96.21	111.4	142.0	194.0	256.8	326.0	394.0
36.0	80.16	71.32	70.10	70.89	81.38	107.0	155.9	217.2	286.2	355.0
39.0	55.83	51.59	51.93	50.96	56.69	76.80	120.0	178.1	244.6	313.7
42.0	37.15	37.10	39.52	36.57	37.71	51.83	89.74	140.2	203.6	271.4
45.0	24.04	28.84	31.93	28.46	24.34	32.91	64.44	106.7	164.2	230.5
48.0	17.44	21.86	24.50	21.54	17.58	19.39	44.06	78.22	128.3	191.4
51.0	12.67	15.71	17.45	15.47	12.79	10.93	28.11	54.36	96.21	154.9
54.0	8.951	10.66	11.50	10.49	9.052	7.787	16.20	35.06	69.02	121.8
57.0	6.292	7.042	7.318	6.948	6.331	5.642	8.126	20.01	45.74	92.30
60.0	4.525	4.766	4.836	4.703	4.516	4.160	4.027	9.338	27.27	68.25
63.0	3.321	3.390	3.391	3.329	3.326	3.156	2.955	3.437	14.31	50.29
66.0	2.506	2.506	2.486	2.464	2.503	2.429	2.250	2.195	9.075	39.69
69.0	1.937	1.907	1.872	1.873	1.911	1.884	1.741	1.691	6.378	32.57
72.0	1.532	1.477	1.435	1.442	1.479	1.466	1.352	1.306	4.208	25.22
75.0	1.215	1.152	1.119	1.131	1.151	1.147	1.046	0.9892	2.558	18.10
78.0	0.9520	0.9178	0.8870	0.9014	0.9001	0.8927	0.7995	0.7418	1.357	11.41
81.0	0.7571	0.7298	0.7012	0.7176	0.7034	0.6936	0.6028	0.5383	0.6104	5.733
84.0	0.5910	0.5724	0.5395	0.5624	0.5394	0.5296	0.4410	0.3744	0.2859	1.923
87.0	0.4466	0.4239	0.4174	0.4246	0.4061	0.3939	0.3079	0.2474	0.1702	0.3240
90.0	0.2842	0.2842	0.2580	0.2602	0.2493	0.2361	0.1968	0.1487	0.1050	0.0962
G/C	300.0	315.0	330.0	345.0						
0.0	603.2	604.2	603.1	605.0						
3.0	621.3	630.3	635.5	640.4						
6.0	632.1	648.1	659.0	666.5						
9.0	634.9	657.3	672.8	682.0						
12.0	630.1	657.8	676.7	686.4						
15.0	618.5	650.2	671.1	680.0						
18.0	601.0	635.6	657.3	664.7						
21.0	578.5	614.9	636.5	642.1						

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	552.1	589.3	610.3	615.1
27.0	522.5	559.7	580.2	586.4
30.0	490.6	527.4	547.7	555.6
33.0	456.9	492.9	513.7	521.5
36.0	421.5	457.3	478.1	482.4
39.0	383.5	421.4	440.1	439.4
42.0	342.2	384.9	399.0	394.0
45.0	300.1	347.0	357.1	349.5
48.0	258.6	306.4	316.2	307.2
51.0	219.0	264.4	276.9	268.2
54.0	182.6	225.0	240.8	233.4
57.0	150.4	191.2	208.8	203.2
60.0	122.2	162.9	181.8	178.2
63.0	99.12	139.2	158.7	157.8
66.0	81.16	120.1	139.5	140.4
69.0	68.55	104.8	122.5	123.1
72.0	57.34	90.94	105.3	105.1
75.0	45.35	75.45	87.27	86.47
78.0	32.98	58.83	68.30	67.19
81.0	20.84	41.63	48.34	47.18
84.0	10.02	23.84	28.14	27.38
87.0	2.515	7.998	10.01	9.489
90.0	0.0831	0.0918	0.1465	0.1837

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  
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