

GONIOPHOTOMETERS SYSTEM TEST REPORT

LED Downlight SENSE Series LE- S45S1-4W-930-18D



Light Output Ratio:	100.0%	
Luminaire Power:	4.06 W	
SHR Nominal:	0.00	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: 2017-08-14

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:

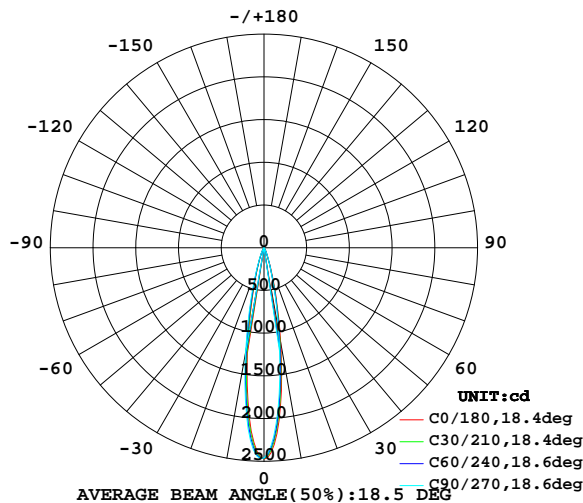
GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

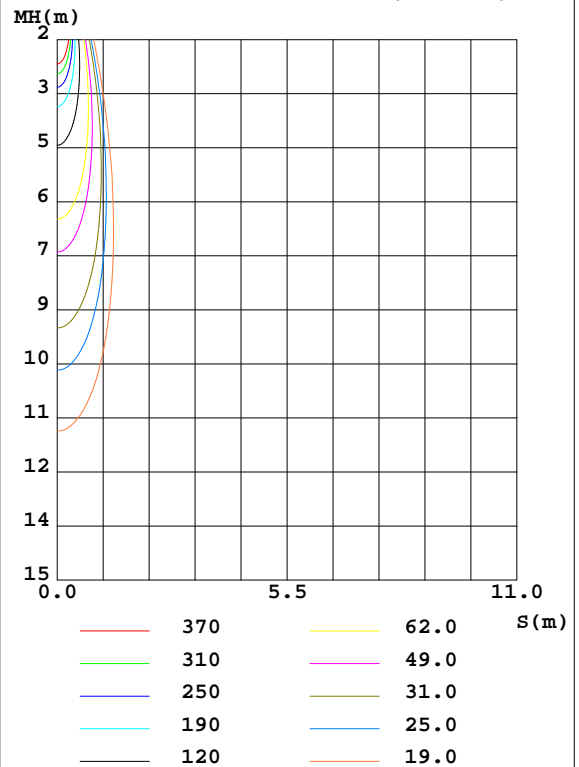
Test:U:11.60V I:0.3500A P:4.060W PF:1.000 Lamp Flux:347.794x1 lm		
NAME: S45S1-4W-930-18D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L55mm*W55mm*H60mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 85.66 lm/W			
MODEL	CREE-3000K	I _{max} (cd)	2473	S/MH(C0/180)	0.31
NOMINAL POWER(W)	4	LOR(%)	100.0	S/MH(C90/270)	0.35
RATED VOLTAGE(V)	12.0	TOTAL FLUX(lm)	347.79	η UP,DN(C0-180)	0.0,47.0
NOMINAL FLUX(lm)	347.794	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,53.0
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	11.6	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:2017-08-14

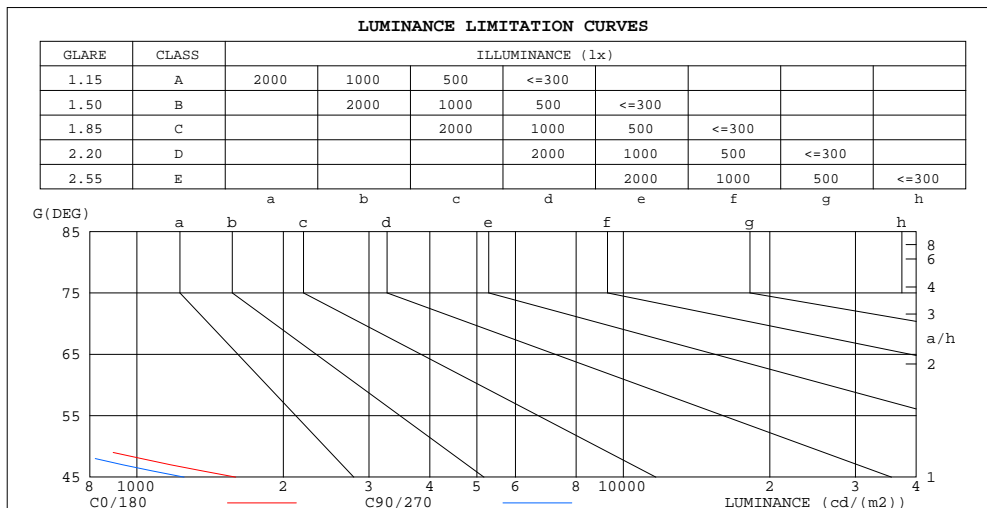
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ZONAL FLUX DIAGRAM AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	1125	1075	998.4	984.8	1075	1135	1240	1208	0- 10	161.3	161.3	46.4,46.4
20	180.6	156.5	161.9	144.2	180.2	173.5	212.6	181.4	10- 20	133.1	294.4	84.6,84.6
30	39.10	34.51	35.17	31.16	38.29	35.19	43.58	37.61	20- 30	37.10	331.5	95.3,95.3
40	11.06	9.538	9.417	8.107	10.67	9.734	11.60	9.986	30- 40	12.36	343.9	98.9,98.9
50	1.521	1.616	1.227	1.175	1.336	1.599	1.547	1.509	40- 50	3.087	346.9	99.8,99.8
60	0.2757	0.2513	0.2603	0.2316	0.2512	0.2756	0.2578	0.2757	50- 60	0.6010	347.5	99.9,99.9
70	0.1159	0.0917	0.1094	0.0830	0.0961	0.1137	0.0852	0.1094	60- 70	0.1632	347.7	100,100
80	0.0525	0.0284	0.0438	0.0262	0.0306	0.0503	0.0327	0.0481	70- 80	0.0683	347.8	100,100
90	0.0175	0.0131	0.0131	0.0109	0.0153	0.0109	0.0087	0.0087	80- 90	0.0235	347.8	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	125	100
80	100	83
75	101	89
70	112	106
65	140	122
60	182	172
55	400	302
50	782	631
45	1596	1251

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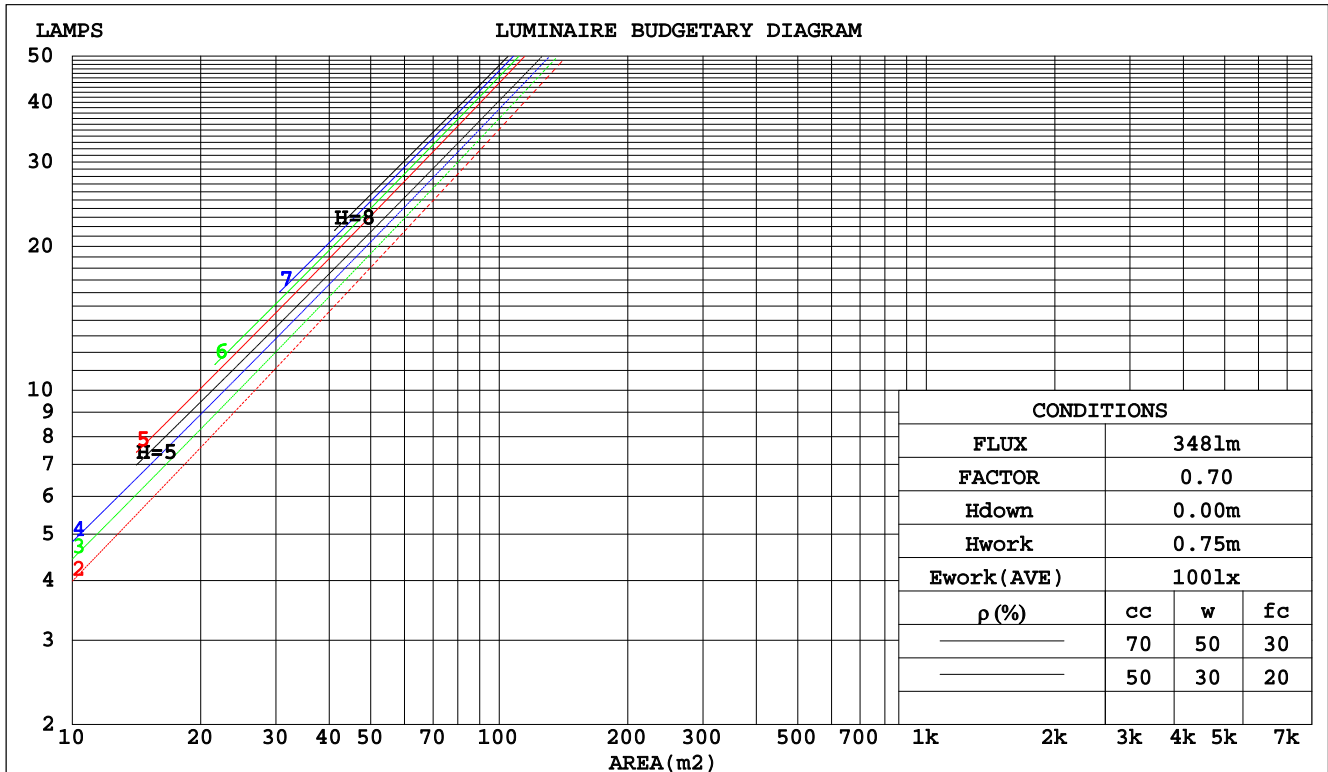
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CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:11.60V I:0.3500A P:4.060W PF:1.000 Lamp Flux:347.794x1 lm		
NAME: S45S1-4W-930-18D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L55mm*W55mm*H60mm	
MFR.:		

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	1.13	1.12	1.10	1.11	1.10	1.08	1.07	1.06	1.05	1.04	1.03	1.02	1.00	.00	.99	.97
2.0	1.09	1.06	1.03	1.07	1.04	1.02	1.04	1.02	1.00	1.01	.99	.98	.98	.97	.96	.95
3.0	1.04	1.01	.98	1.03	1.00	.98	1.01	.98	.96	.98	.96	.95	.96	.95	.93	.92
4.0	1.01	.97	.94	.00	.96	.94	.98	.95	.93	.96	.94	.92	.94	.92	.91	.90
5.0	.98	.94	.91	.97	.93	.91	.95	.92	.90	.94	.91	.89	.92	.90	.88	.87
6.0	.95	.91	.88	.94	.90	.88	.93	.90	.87	.92	.89	.87	.90	.88	.86	.85
7.0	.92	.88	.86	.92	.88	.85	.91	.87	.85	.90	.87	.85	.89	.86	.84	.83
8.0	.90	.86	.83	.89	.86	.83	.88	.85	.83	.88	.85	.83	.87	.84	.82	.82
9.0	.88	.84	.81	.87	.84	.81	.86	.83	.81	.86	.83	.81	.85	.83	.81	.80
10.0	.86	.82	.80	.85	.82	.80	.85	.82	.79	.84	.81	.79	.83	.81	.79	.78



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WEC AND CCEC

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SPEC.:3000K						DIM.: L55mm*W55mm*H60mm					
MFR.:											

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	.129	.073	.023	.122	.070	.022	.110	.063	.020	.098	.057	.018	.088	.051	.016	
2.0	.118	.065	.020	.113	.062	.019	.103	.057	.018	.093	.052	.016	.085	.048	.015	
3.0	.110	.058	.017	.105	.056	.017	.097	.052	.016	.089	.049	.015	.082	.045	.014	
4.0	.102	.053	.016	.099	.052	.015	.092	.049	.014	.085	.046	.014	.079	.043	.013	
5.0	.096	.049	.014	.093	.048	.014	.087	.045	.013	.081	.043	.013	.076	.041	.012	
6.0	.090	.045	.013	.088	.044	.013	.083	.042	.012	.078	.040	.012	.073	.039	.011	
7.0	.086	.042	.012	.083	.041	.012	.079	.040	.011	.075	.038	.011	.071	.037	.011	
8.0	.081	.040	.011	.079	.039	.011	.075	.038	.011	.072	.036	.010	.068	.035	.010	
9.0	.078	.037	.010	.076	.037	.010	.072	.036	.010	.069	.035	.010	.066	.034	.010	
10.0	.074	.036	.010	.072	.035	.010	.069	.034	.010	.067	.033	.009	.064	.032	.009	

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	.168	.158	.149	.144	.135	.128	.098	.093	.089	.057	.054	.051	.018	.017	.017	
2.0	.149	.133	.119	.128	.114	.103	.088	.079	.072	.050	.046	.042	.016	.015	.014	
3.0	.134	.113	.097	.115	.098	.084	.079	.068	.059	.045	.040	.035	.015	.013	.011	
4.0	.121	.098	.080	.104	.084	.070	.071	.059	.049	.041	.034	.029	.013	.011	.010	
5.0	.110	.085	.067	.094	.074	.058	.065	.052	.041	.038	.030	.024	.012	.010	.008	
6.0	.101	.075	.057	.086	.065	.050	.060	.046	.035	.035	.027	.021	.011	.009	.007	
7.0	.093	.067	.049	.080	.058	.042	.055	.041	.030	.032	.024	.018	.010	.008	.006	
8.0	.086	.060	.042	.074	.052	.037	.051	.036	.026	.030	.022	.015	.010	.007	.005	
9.0	.080	.054	.037	.069	.047	.032	.048	.033	.023	.028	.020	.014	.009	.006	.004	
10.0	.075	.049	.032	.065	.043	.028	.045	.030	.020	.026	.018	.012	.008	.006	.004	

C Range: 0 - 360DEG
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 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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UGR(Unified Glare Rating) Table

Test:U:11.60V I:0.3500A P:4.060W PF:1.000 Lamp Flux:347.794x1 lm		
NAME: S45S1-4W-930-18D	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L55mm*W55mm*H60mm	
MFR.:		

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	4.9	5.5	5.1	5.7	5.8	4.3	4.9	4.5	5.0	5.2
3H	4.8	5.4	5.0	5.5	5.7	4.1	4.7	4.4	4.9	5.1
4H	4.7	5.3	5.0	5.5	5.7	4.1	4.6	4.3	4.8	5.0
6H	4.7	5.2	4.9	5.4	5.6	4.0	4.5	4.3	4.7	5.0
8H	4.6	5.1	4.9	5.3	5.6	3.9	4.4	4.2	4.7	4.9
12H	4.6	5.0	4.9	5.3	5.6	3.9	4.4	4.2	4.6	4.9
4H 2H	4.7	5.3	5.0	5.5	5.7	4.1	4.6	4.3	4.8	5.0
3H	4.6	5.0	4.9	5.3	5.6	3.9	4.4	4.2	4.6	4.9
4H	4.5	4.9	4.8	5.2	5.5	3.8	4.3	4.2	4.5	4.8
6H	4.4	4.8	4.8	5.1	5.4	3.7	4.1	4.1	4.4	4.8
8H	4.3	4.7	4.7	5.0	5.4	3.7	4.0	4.1	4.4	4.7
12H	4.3	4.6	4.7	5.0	5.4	3.6	3.9	4.0	4.3	4.7
8H 4H	4.3	4.7	4.7	5.0	5.4	3.7	4.0	4.0	4.4	4.7
6H	4.2	4.5	4.6	4.9	5.3	3.6	3.9	4.0	4.2	4.7
8H	4.2	4.4	4.6	4.8	5.3	3.5	3.8	3.9	4.2	4.6
12H	4.1	4.3	4.6	4.8	5.2	3.4	3.7	3.9	4.1	4.6
12H 4H	4.3	4.6	4.7	5.0	5.4	3.6	3.9	4.0	4.3	4.7
6H	4.2	4.4	4.6	4.8	5.3	3.5	3.8	3.9	4.2	4.6
8H	4.1	4.3	4.6	4.8	5.2	3.4	3.7	3.9	4.1	4.6
Variations with the observer position at spacings:										
S = 1.0H	+ 3.5 / -12.3					+ 3.2 / -12.7				
1.5H	+ 5.7 / - 9.7					+ 5.5 / -10.2				
2.0H	+ 5.9 / - 6.7					+ 5.4 / - 6.1				

CIE Pub.117 Corrected 347.8 lm Total Lamp Luminous Flux.(8log(F/F0) = -3.7)

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γ Range: 0 - 90DEG
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Humidity:52%
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Remarks:

GONIOPHOTOMETERS SYSTEM TEST REPORT

UTILIZATION FACTORS TABLE

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SPEC.:3000K	DIM.: L55mm*W55mm*H60mm	
MFR.:		

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) $k(RI) \times RCR = 5$									
$k = 0.60$	91	85	82	90	85	82	90	85	82	78
0.80	98	93	89	97	92	89	96	92	89	86
1.00	102	97	93	101	96	93	99	96	93	89
1.25	105	101	97	104	100	97	102	99	96	92
1.50	108	103	100	106	103	100	104	101	99	95
2.00	110	106	103	108	105	102	106	103	101	96
2.50	111	108	105	110	107	104	107	104	102	97
3.00	113	110	107	111	108	106	108	106	104	98
4.00	115	112	110	112	110	109	109	107	106	99
5.00	116	114	112	114	112	110	110	108	107	100
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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ISOCANDELA DIAGRAM

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SPEC.:3000K	DIM.: L55mm*W55mm*H60mm	
MFR.:		

Conical surface Flux(90deg):

346.06 lm

%lum = 99.5%

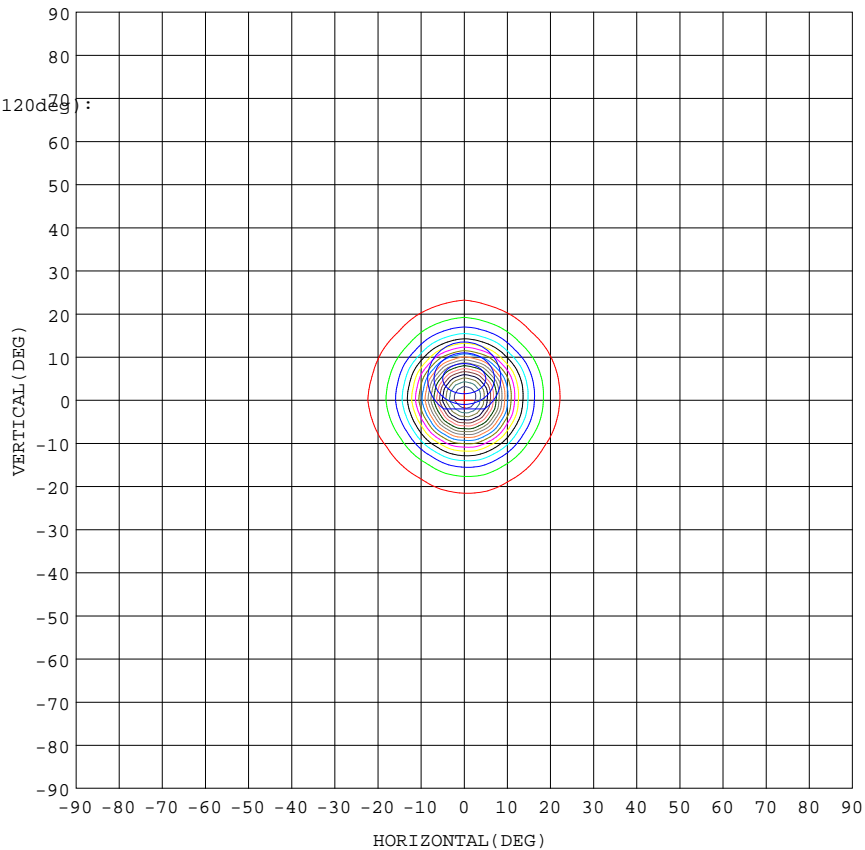
%lamp = 99.5%

Conical surface Flux(120deg):

347.54 lm

%lum = 99.9%

%lamp = 99.9%



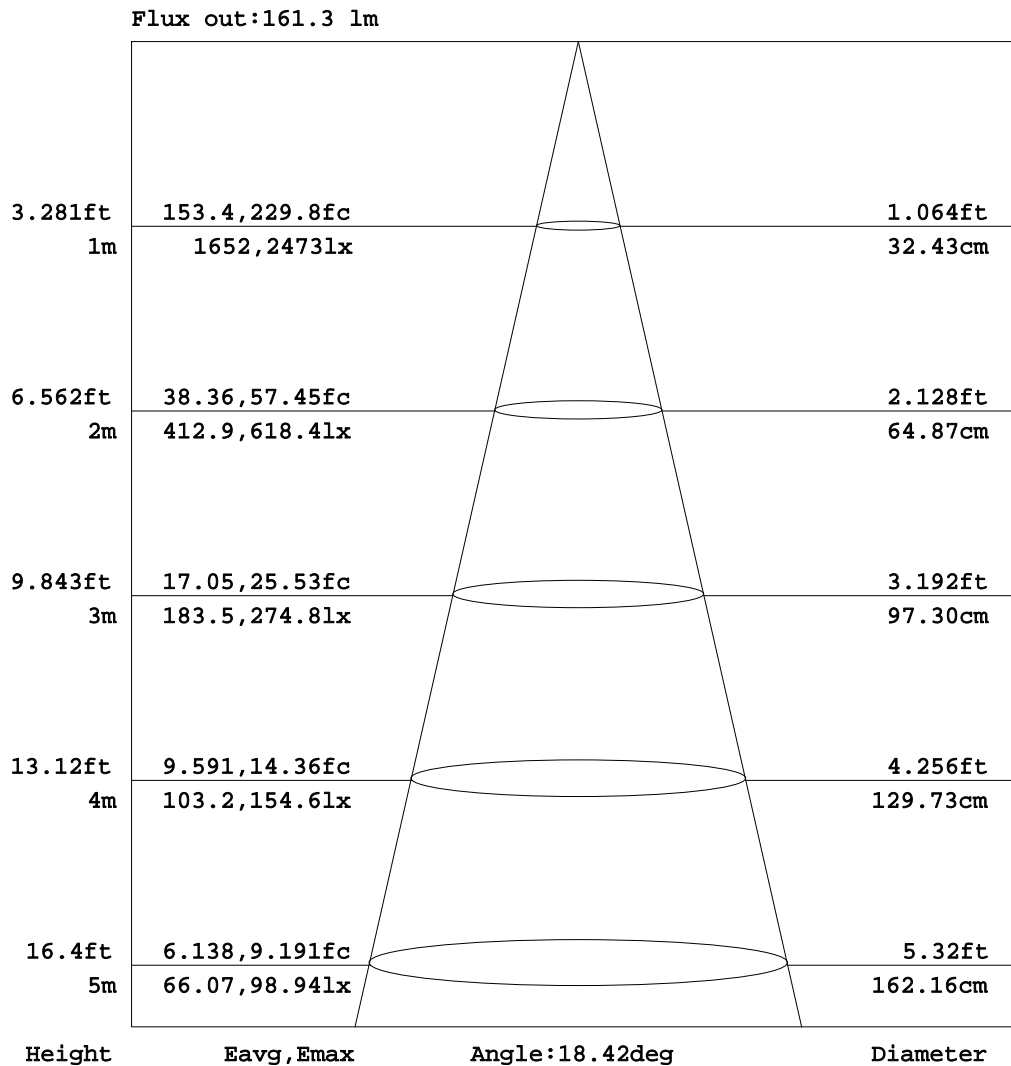
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AAI Figure

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

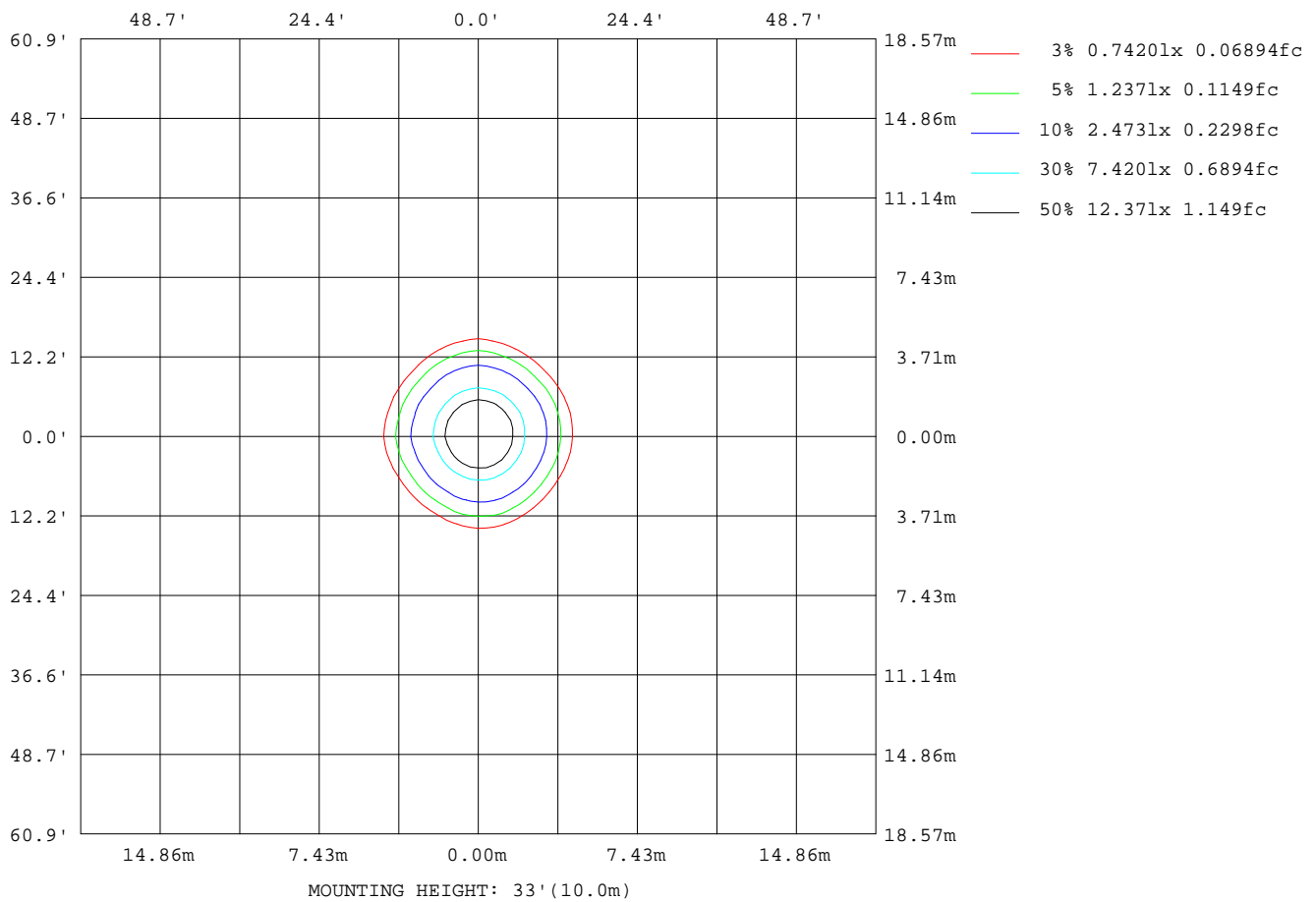
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ISOLUX DIAGRAM

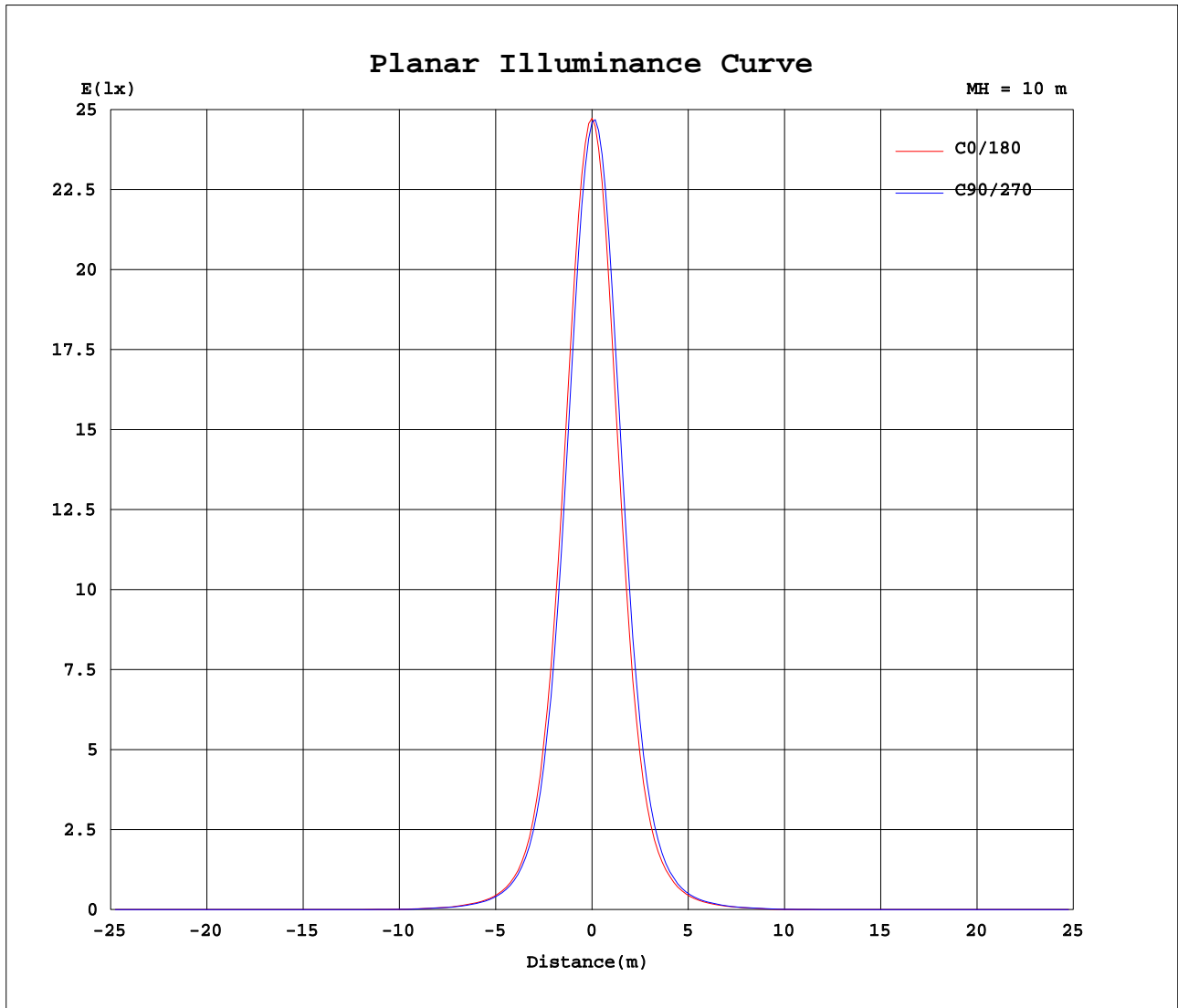
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Planar Illuminance Curve



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LUMINOUS DISTRIBUTION INTENSITY DATA

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Table--1

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-08-14

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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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[illegible][illegible]

GONIOPHOTOMETERS SYSTEM TEST REPORT

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	2473	2471	2468	2468	2464	2465	2460	2464	2460	2463
3.0	2305	2303	2271	2270	2239	2238	2210	2219	2200	2219
6.0	1859	1855	1806	1805	1761	1761	1716	1726	1695	1719
9.0	1301	1300	1246	1250	1208	1210	1164	1173	1137	1157
12.0	814.9	807.8	767.4	768.8	741.6	744.3	712.8	710.1	678.1	689.4
15.0	470.4	461.5	430.7	431.2	418.9	427.0	408.8	399.6	373.3	377.7
18.0	263.1	253.9	233.8	233.6	231.1	240.2	231.4	222.7	203.5	206.1
21.0	150.9	145.6	130.4	132.4	130.8	140.8	136.0	130.6	117.5	118.2
24.0	91.91	86.12	79.06	78.05	79.09	83.86	83.40	77.61	71.39	71.81
27.0	58.15	55.53	51.54	51.01	50.99	53.74	53.01	49.37	45.89	46.23
30.0	39.10	37.70	35.09	34.51	34.31	35.77	35.17	32.85	31.21	31.16
33.0	27.54	26.40	24.39	23.72	23.43	24.27	23.92	22.26	20.71	20.61
36.0	17.21	16.39	14.83	14.61	14.55	15.56	15.50	14.58	13.47	13.53
39.0	12.24	11.62	10.81	10.68	10.70	11.32	11.20	10.47	9.611	9.723
42.0	7.754	7.555	6.739	6.531	6.158	6.165	5.589	5.272	4.833	4.883
45.0	3.415	3.474	3.351	3.289	3.124	2.929	2.675	2.629	2.524	2.577
48.0	2.068	2.168	2.168	2.155	2.030	1.852	1.662	1.638	1.577	1.607
51.0	1.295	1.384	1.400	1.380	1.295	1.175	1.058	1.035	1.003	1.004
54.0	0.8192	0.8297	0.8002	0.7793	0.7235	0.6942	0.6596	0.6200	0.5941	0.5981
57.0	0.4300	0.4102	0.3644	0.3363	0.3379	0.3124	0.3178	0.2950	0.3066	0.2863
60.0	0.2757	0.2557	0.2735	0.2513	0.2691	0.2425	0.2603	0.2360	0.2559	0.2316
63.0	0.2255	0.2009	0.2146	0.1922	0.2058	0.1813	0.1970	0.1725	0.1905	0.1681
66.0	0.1598	0.1332	0.1511	0.1310	0.1467	0.1223	0.1379	0.1180	0.1357	0.1158
69.0	0.1203	0.1005	0.1225	0.0983	0.1203	0.0961	0.1138	0.0939	0.1116	0.0939
72.0	0.1028	0.0765	0.0985	0.0764	0.0920	0.0699	0.0898	0.0677	0.0919	0.0655
75.0	0.0788	0.0611	0.0788	0.0568	0.0744	0.0502	0.0700	0.0481	0.0700	0.0481
78.0	0.0635	0.0415	0.0612	0.0371	0.0591	0.0328	0.0526	0.0306	0.0547	0.0284
81.0	0.0481	0.0284	0.0438	0.0284	0.0394	0.0240	0.0394	0.0218	0.0394	0.0218
84.0	0.0372	0.0153	0.0329	0.0131	0.0307	0.0131	0.0328	0.0109	0.0263	0.0109
87.0	0.0263	0.0153	0.0219	0.0131	0.0198	0.0131	0.0175	0.0109	0.0175	0.0109
90.0	0.0175	0.0153	0.0131	0.0131	0.0131	0.0131	0.0131	0.0131	0.0109	0.0109
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	2459	2462	2473	2471	2468	2468	2464	2465	2460	2464
3.0	2206	2233	2282	2284	2313	2317	2344	2347	2369	2363
6.0	1699	1741	1808	1808	1862	1869	1923	1930	1968	1957
9.0	1139	1184	1249	1251	1303	1313	1376	1376	1426	1405
12.0	679.9	713.5	764.8	766.5	808.1	816.0	863.6	874.3	907.5	891.4
15.0	377.5	403.7	439.6	439.6	461.6	463.7	498.0	511.3	536.9	519.6
18.0	209.3	230.3	253.7	250.6	256.9	256.3	279.0	291.3	307.6	292.3
21.0	121.2	138.9	152.8	147.2	147.3	144.0	157.6	167.1	177.5	164.6
24.0	73.65	83.55	93.28	89.25	87.00	85.21	92.98	99.93	106.4	98.55
27.0	46.99	52.93	58.48	55.86	54.02	53.20	57.49	62.97	66.11	62.52
30.0	31.53	35.08	38.29	36.42	35.62	35.19	37.65	40.51	43.58	40.38
33.0	21.06	23.47	26.04	24.55	23.83	23.77	25.48	27.49	29.64	27.80
36.0	14.07	15.67	17.32	16.20	15.50	15.36	16.33	17.36	18.58	17.15
39.0	10.07	11.27	12.54	11.84	11.42	11.32	11.81	12.44	12.94	11.84
42.0	4.885	5.501	6.340	6.140	6.352	6.297	6.964	7.311	7.915	7.436
45.0	2.585	2.714	2.908	2.980	3.166	3.197	3.375	3.350	3.370	3.316
48.0	1.625	1.692	1.823	1.913	2.089	2.108	2.227	2.167	2.104	2.012
51.0	1.025	1.055	1.137	1.218	1.342	1.369	1.442	1.410	1.320	1.270
54.0	0.5985	0.6244	0.6917	0.7119	0.7462	0.7690	0.8138	0.8281	0.8164	0.8036
57.0	0.3066	0.2950	0.3188	0.3419	0.3426	0.3683	0.3925	0.4098	0.4316	0.4448
60.0	0.2559	0.2359	0.2512	0.2734	0.2534	0.2756	0.2556	0.2778	0.2578	0.2778
63.0	0.1905	0.1725	0.1878	0.2079	0.1921	0.2145	0.1987	0.2232	0.2030	0.2232
66.0	0.1379	0.1136	0.1310	0.1488	0.1288	0.1488	0.1288	0.1532	0.1288	0.1510
69.0	0.1138	0.0939	0.1027	0.1225	0.1005	0.1203	0.0961	0.1159	0.0939	0.1116
72.0	0.0876	0.0677	0.0786	0.0985	0.0743	0.0963	0.0743	0.0941	0.0721	0.0940
75.0	0.0700	0.0481	0.0611	0.0787	0.0589	0.0744	0.0568	0.0744	0.0524	0.0722
78.0	0.0547	0.0306	0.0415	0.0613	0.0414	0.0569	0.0349	0.0547	0.0349	0.0526
81.0	0.0394	0.0262	0.0306	0.0460	0.0305	0.0416	0.0262	0.0438	0.0283	0.0416
84.0	0.0306	0.0109	0.0153	0.0307	0.0109	0.0307	0.0109	0.0285	0.0109	0.0285
87.0	0.0197	0.0109	0.0153	0.0219	0.0109	0.0197	0.0087	0.0197	0.0087	0.0197
90.0	0.0131	0.0109	0.0153	0.0131	0.0109	0.0109	0.0087	0.0109	0.0087	0.0109
G/C	300.0	315.0	330.0	345.0						
0.0	2460	2463	2459	2462						
3.0	2373	2356	2356	2330						
6.0	1977	1948	1955	1910						
9.0	1431	1392	1407	1357						
12.0	905.4	878.9	886.8	855.6						
15.0	521.6	501.4	512.9	494.8						
18.0	285.6	271.6	281.7	276.7						
21.0	158.0	149.5	155.9	156.4						

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-08-14

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:

GONIOPHOTOMETERS SYSTEM TEST REPORT

Photometric Data Table [cd]

24.0	92.92	88.42	92.04	93.97
27.0	58.32	55.76	57.76	59.43
30.0	38.82	37.61	38.52	39.50
33.0	27.00	25.96	26.91	27.65
36.0	16.55	15.90	16.90	17.31
39.0	11.23	10.95	11.66	12.08
42.0	7.390	7.322	7.829	7.939
45.0	3.457	3.418	3.631	3.518
48.0	2.080	2.056	2.163	2.100
51.0	1.301	1.299	1.351	1.318
54.0	0.8164	0.8211	0.8382	0.8277
57.0	0.4403	0.4448	0.4447	0.4557
60.0	0.2556	0.2757	0.2534	0.2713
63.0	0.2052	0.2254	0.2009	0.2210
66.0	0.1310	0.1532	0.1332	0.1554
69.0	0.0918	0.1159	0.0918	0.1159
72.0	0.0720	0.0941	0.0742	0.0963
75.0	0.0524	0.0722	0.0524	0.0744
78.0	0.0327	0.0547	0.0349	0.0569
81.0	0.0261	0.0416	0.0283	0.0416
84.0	0.0087	0.0328	0.0087	0.0307
87.0	0.0087	0.0197	0.0066	0.0219
90.0	0.0087	0.0087	0.0066	0.0109

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-08-14

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: