

LED Downlight SENSE Series S68R1-7.5W-930-M



Light Output Ratio:	100.0%	
Luminaire Power:	9.137 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.65	fine grid method.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.2DEG
Operators: Cao Chengpei
Test Date: 2016-11-29

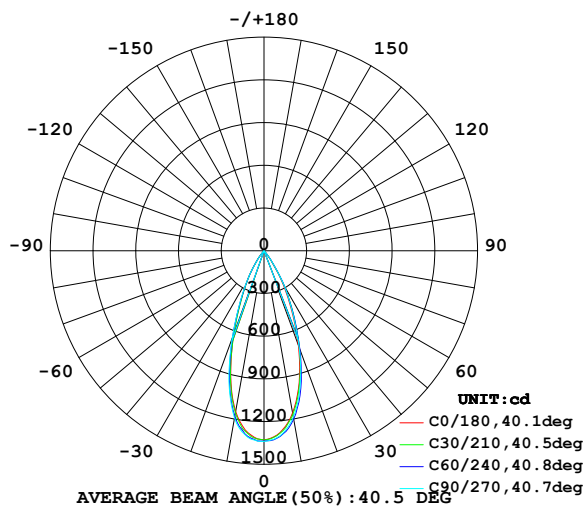
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

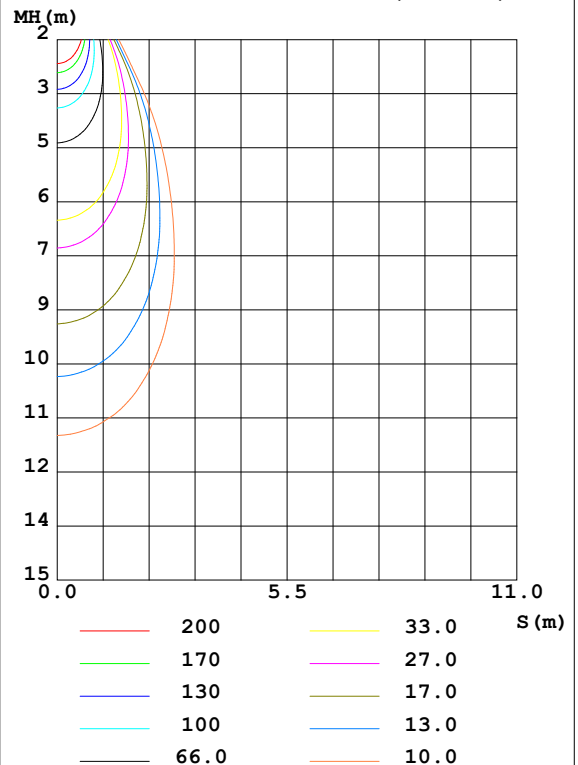
Test:U:220.7V I:0.0477A P:9.137W PF:0.8688 Lamp Flux:655.662x1 lm		
NAME: S68R1-7.5W-930-M	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: ϕ 78mm*H98mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 71.76 lm/W			
MODEL	CITIZEN-3000K	I _{max} (cd)	1345	S/MH (C0/180)	0.63
NOMINAL POWER (W)	9.0	LOR (%)	100.0	S/MH (C90/270)	0.63
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	655.66	η UP,DN (C0-180)	0.0, 52.3
NOMINAL FLUX (lm)	655.662	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0, 47.7
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	0.65

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



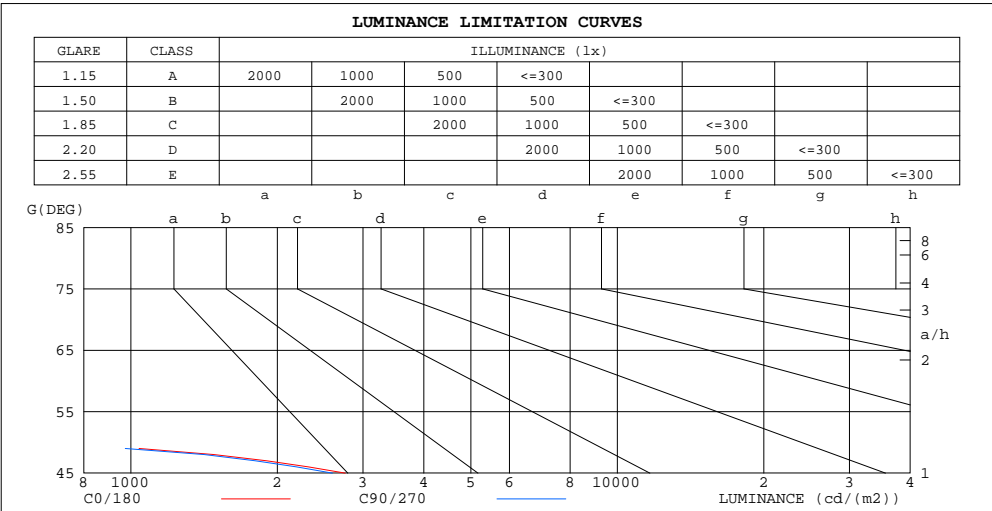
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γ Range: 0 - 90DEG
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Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

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	1158	1178	1189	1195	1146	1158	1194	1139	0- 10	119.9	119.9	18.3,18.3
20	707.6	736.9	723.0	704.4	621.9	611.2	652.1	652.6	10- 20	259.0	378.9	57.8,57.8
30	262.4	297.5	288.2	269.8	225.7	213.2	224.6	226.6	20- 30	198.8	577.7	88.1,88.1
40	29.43	31.54	28.82	28.26	25.11	23.34	24.31	26.49	30- 40	69.73	647.4	98.7,98.7
50	1.932	2.194	1.794	1.792	1.787	1.587	1.510	1.556	40- 50	7.655	655.0	99.9,99.9
60	0.1581	0.1786	0.2071	0.1446	0.1297	0.1877	0.1617	0.1345	50- 60	0.4789	655.5	100,100
70	0.0575	0.0319	0.0405	0.0192	0.0256	0.0469	0.0320	0.0490	60- 70	0.0811	655.6	100,100
80	0.0298	0.0234	0.0235	0.0192	0.0149	0.0298	0.0128	0.0320	70- 80	0.0314	655.6	100,100
90	0.0362	0.0256	0.0213	0.0192	0.0170	0.0149	0.0128	0.0149	80- 90	0.0236	655.7	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	72	51
80	36	28
75	41	24
70	35	25
65	40	65
60	66	87
55	122	143
50	629	585
45	2759	2596

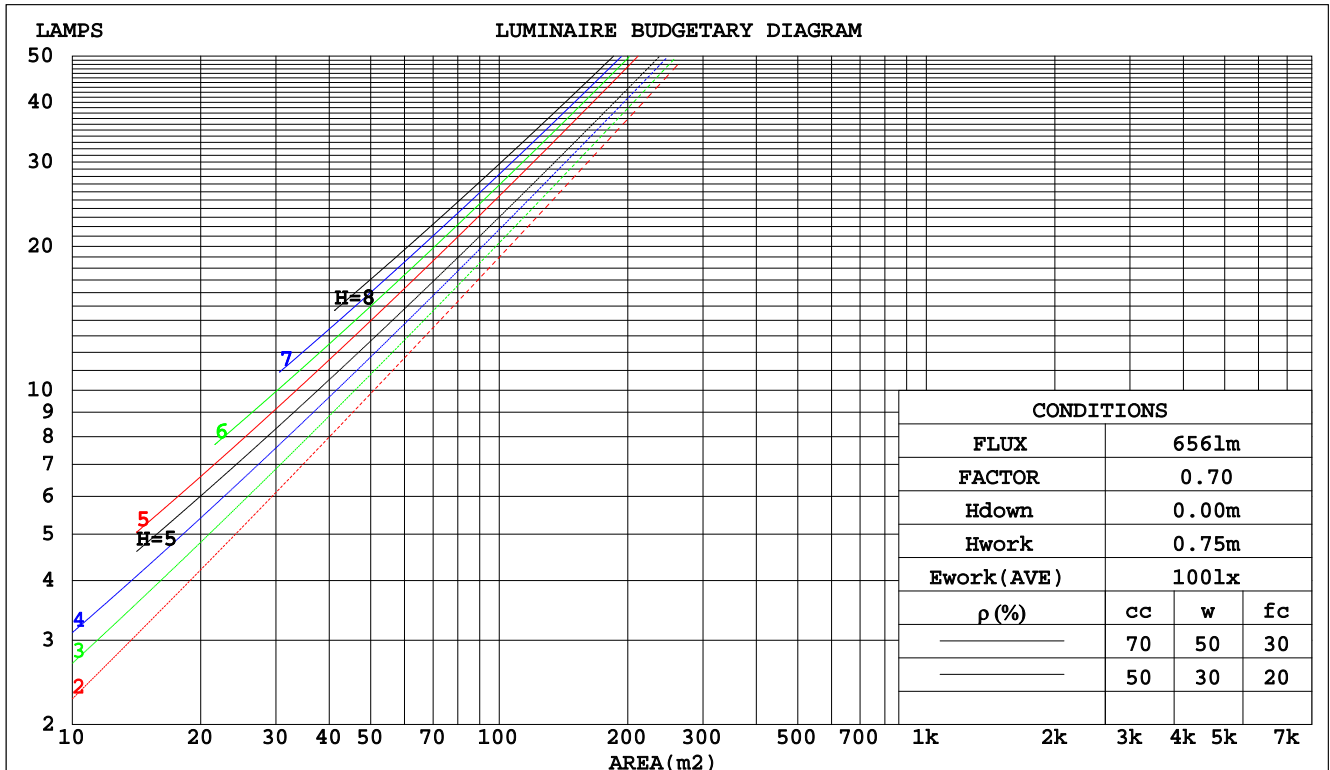
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Humidity:52%
Test Distance:5.850m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.7V I:0.0477A P:9.137W PF:0.8688 Lamp Flux:655.662x1 lm		
NAME: S68R1-7.5W-930-M	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: ϕ 78mm*H98mm	
MFR.: NEKO LIGHTING AG		

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	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	1.12	1.10	1.08	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	.00	.99	.98	.97	.95
2.0	1.06	1.02	.99	1.04	1.01	.98	1.01	.98	.96	.98	.96	.94	.95	.93	.92	.90
3.0	.00	.96	.92	.98	.95	.91	.96	.93	.90	.94	.91	.89	.91	.89	.87	.86
4.0	.95	.90	.86	.94	.89	.86	.92	.88	.85	.90	.86	.84	.88	.85	.83	.82
5.0	.90	.85	.81	.89	.84	.81	.87	.83	.80	.86	.82	.80	.84	.81	.79	.78
6.0	.86	.81	.77	.85	.80	.77	.84	.79	.76	.82	.79	.76	.81	.78	.75	.74
7.0	.82	.77	.73	.81	.76	.73	.80	.76	.73	.79	.75	.72	.78	.74	.72	.71
8.0	.78	.73	.70	.78	.73	.69	.77	.72	.69	.76	.72	.69	.75	.71	.69	.67
9.0	.75	.70	.66	.74	.70	.66	.73	.69	.66	.73	.69	.66	.72	.68	.66	.65
10.0	.72	.67	.63	.71	.67	.63	.71	.66	.63	.70	.66	.63	.69	.66	.63	.62



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WEC AND CCEC

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ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.156	.089	.028	.149	.085	.027	.137	.078	.025	.125	.072	.023	.115	.066	.021	
2.0	.147	.081	.025	.141	.078	.024	.131	.073	.023	.121	.068	.021	.113	.064	.020	
3.0	.139	.074	.022	.134	.072	.022	.126	.068	.021	.117	.064	.020	.110	.061	.019	
4.0	.132	.068	.020	.128	.067	.020	.120	.064	.019	.113	.061	.018	.107	.058	.018	
5.0	.125	.064	.019	.122	.063	.018	.115	.060	.018	.109	.058	.017	.104	.055	.017	
6.0	.120	.060	.017	.117	.059	.017	.111	.057	.017	.106	.055	.016	.101	.053	.016	
7.0	.114	.057	.016	.112	.056	.016	.107	.054	.016	.102	.052	.015	.098	.051	.015	
8.0	.110	.054	.015	.107	.053	.015	.103	.051	.015	.099	.050	.014	.095	.049	.014	
9.0	.105	.051	.014	.103	.050	.014	.099	.049	.014	.096	.048	.014	.092	.047	.014	
10.0	.101	.049	.013	.099	.048	.013	.096	.047	.013	.093	.046	.013	.089	.045	.013	

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	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	.147	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.153	.133	.116	.131	.114	.100	.090	.079	.070	.052	.046	.041	.017	.015	.013	
3.0	.139	.113	.093	.119	.098	.080	.082	.068	.056	.047	.040	.033	.015	.013	.011	
4.0	.128	.098	.076	.110	.085	.066	.075	.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	.067	.046	.065	.047	.032	.038	.027	.019	.012	.009	.006	
7.0	.104	.069	.045	.089	.060	.039	.062	.042	.028	.036	.025	.016	.012	.008	.005	
8.0	.098	.062	.038	.084	.054	.033	.058	.038	.024	.034	.022	.014	.011	.007	.005	
9.0	.092	.057	.033	.080	.050	.029	.055	.035	.021	.032	.021	.012	.010	.007	.004	
10.0	.088	.053	.029	.076	.046	.025	.052	.032	.018	.031	.019	.011	.010	.006	.004	

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 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

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SPEC.:3000K					DIM.: ϕ 78mm*H98mm					
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	12.9	13.7	13.1	13.9	14.0	13.2	14.0	13.5	14.2	14.4
3H	12.8	13.5	13.0	13.7	13.9	13.1	13.8	13.3	14.0	14.2
4H	12.7	13.4	12.9	13.6	13.8	13.0	13.7	13.3	13.9	14.1
6H	12.6	13.2	12.9	13.5	13.7	12.9	13.6	13.2	13.8	14.0
8H	12.5	13.2	12.8	13.4	13.7	12.9	13.5	13.2	13.7	14.0
12H	12.5	13.1	12.8	13.4	13.6	12.8	13.4	13.1	13.7	14.0
4H 2H	12.7	13.4	12.9	13.6	13.8	13.0	13.7	13.3	13.9	14.1
3H	12.5	13.1	12.8	13.4	13.6	12.8	13.4	13.1	13.7	14.0
4H	12.4	13.0	12.7	13.3	13.6	12.7	13.3	13.1	13.6	13.9
6H	12.3	12.8	12.7	13.1	13.5	12.6	13.1	13.0	13.4	13.8
8H	12.3	12.7	12.6	13.1	13.4	12.6	13.0	13.0	13.4	13.7
12H	12.2	12.6	12.6	13.0	13.4	12.5	12.9	12.9	13.3	13.7
8H 4H	12.3	12.7	12.6	13.1	13.4	12.6	13.0	13.0	13.4	13.7
6H	12.1	12.5	12.6	12.9	13.3	12.5	12.8	12.9	13.2	13.6
8H	12.1	12.4	12.5	12.8	13.3	12.4	12.7	12.9	13.1	13.6
12H	12.0	12.3	12.5	12.8	13.2	12.3	12.6	12.8	13.1	13.5
12H 4H	12.2	12.6	12.6	13.0	13.4	12.5	12.9	12.9	13.3	13.7
6H	12.1	12.4	12.5	12.8	13.3	12.4	12.7	12.9	13.1	13.6
8H	12.0	12.3	12.5	12.8	13.2	12.3	12.6	12.8	13.1	13.5
Variations with the observer position at spacings:										
S = 1.0H	+ 4.3 / -24.8					+ 4.7 / -24.6				
1.5H	+ 7.0 / -23.1					+ 7.3 / -22.5				
2.0H	+ 7.7 / -16.7					+ 7.8 / -14.9				

CIE Pub.117 Corrected 655.7 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.5)

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 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:52%
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Remarks:

UTILIZATION FACTORS TABLE

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SPEC.:3000K	DIM.: $\phi 78\text{mm} \times H98\text{mm}$	
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) $k(RI) \times RCR = 5$									
$k = 0.60$	91	85	82	90	85	82	90	85	81	78
0.80	98	93	89	97	92	89	96	92	89	85
1.00	102	97	93	101	96	93	99	96	93	89
1.25	105	100	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	105	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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Conical surface Flux(90deg):

653.14 lm

%lum = 99.6%

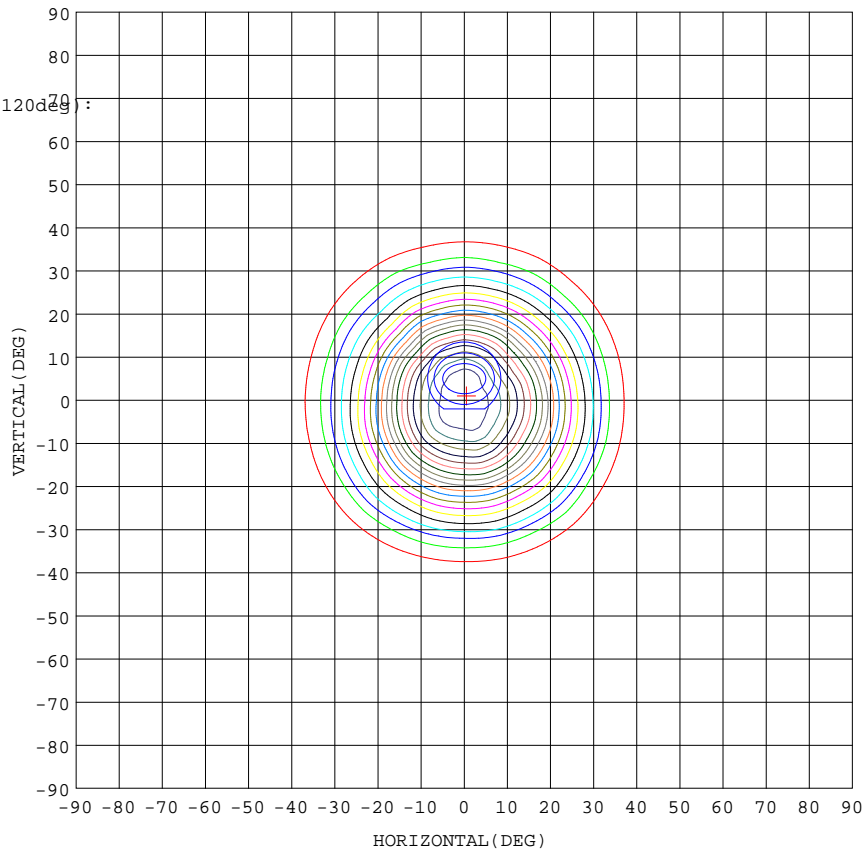
%lamp = 99.6%

Conical surface Flux(120deg):

655.53 lm

%lum = 100.0%

%lamp = 100.0%



5%	67.03
10%	134.1
15%	201.1
20%	268.1
25%	335.2
30%	402.2
35%	469.2
40%	536.3
45%	603.3
50%	670.3
55%	737.4
60%	804.4
65%	871.5
70%	938.5
75%	1006
80%	1073
85%	1140
90%	1207
95%	1274

1. AVG=1289,MIN=1230
2. AVG=1262,MIN=1147
3. AVG=1231,MIN=1031

Imax:1341(H0.5,V1.0)
(At:C=120.0,Gamma=0.0)

UNIT: cd

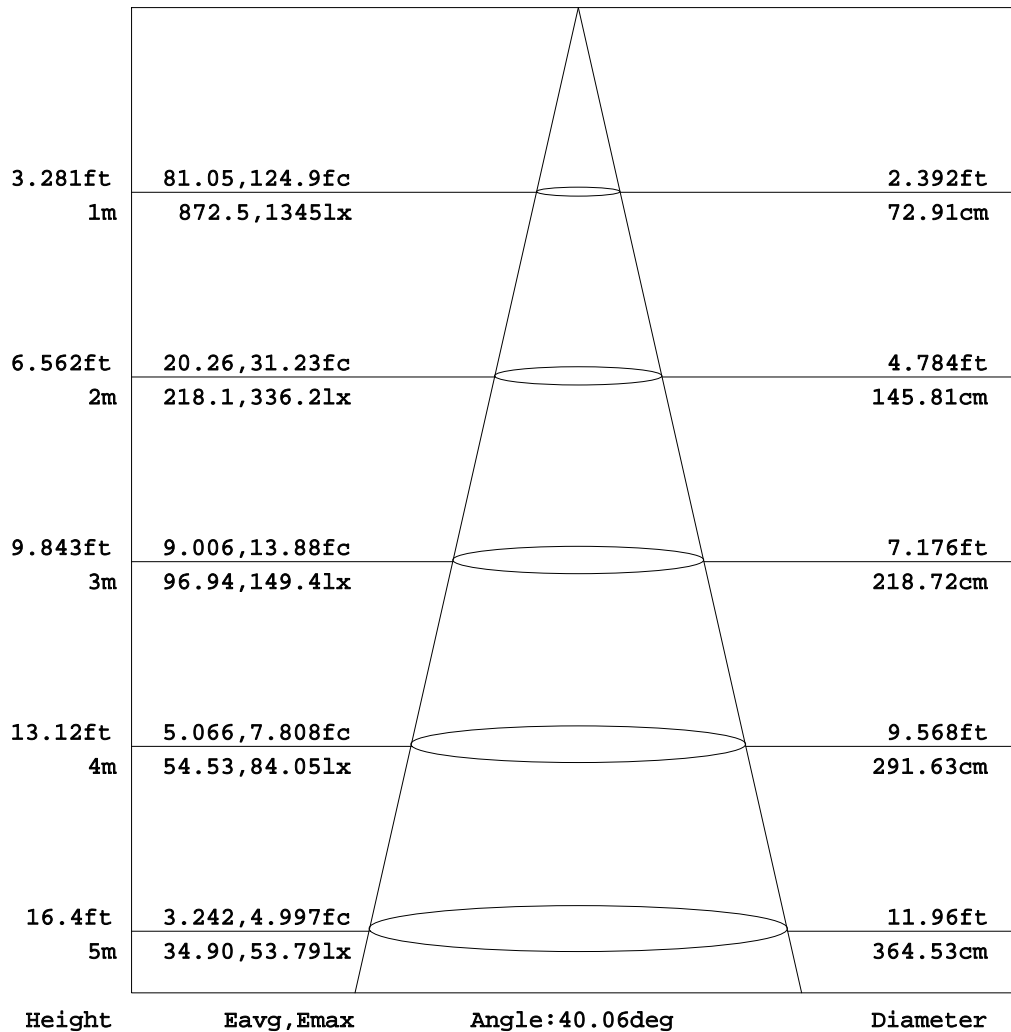
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AAI Figure

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Flux out:403.9 lm



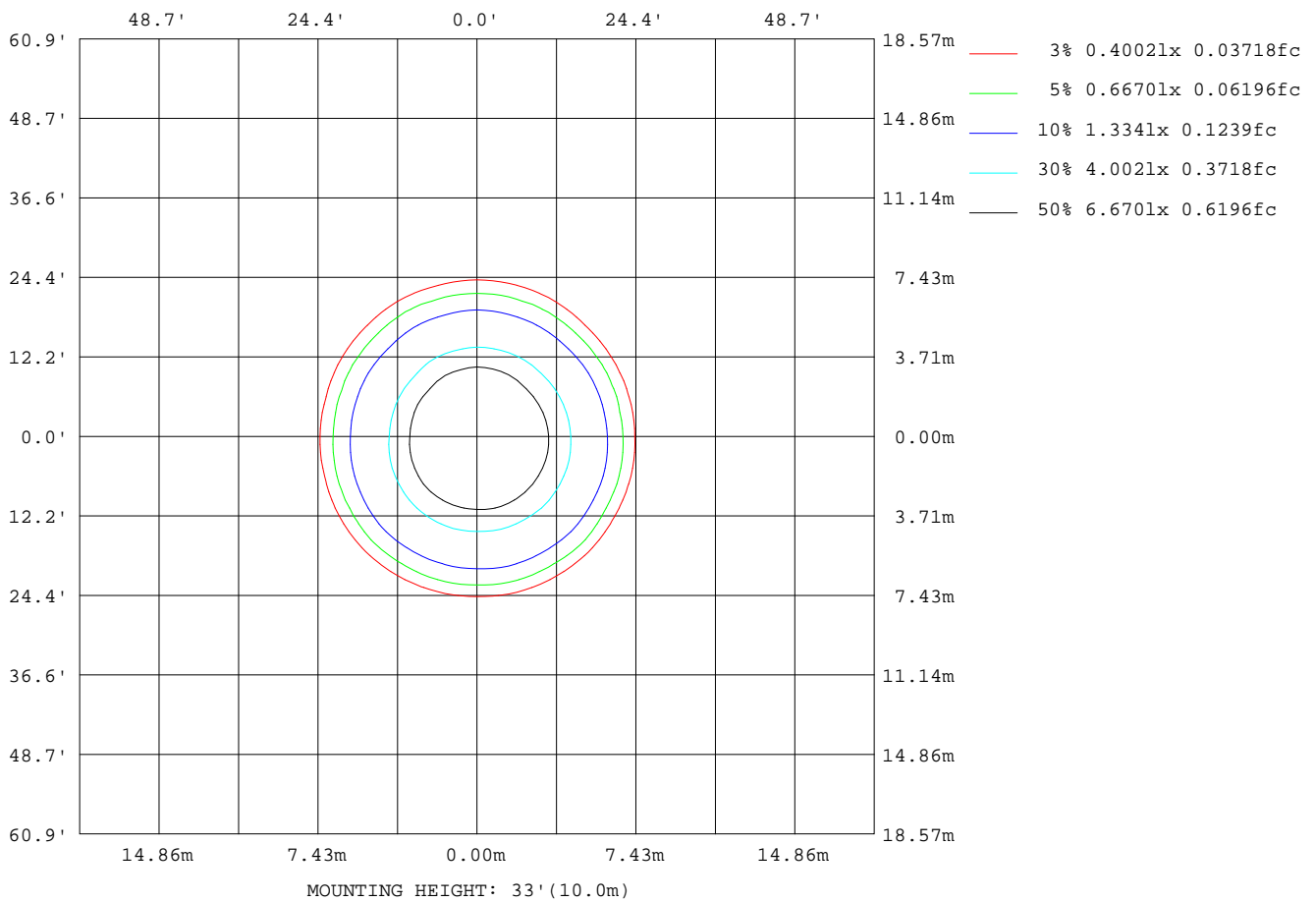
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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ISOLUX DIAGRAM

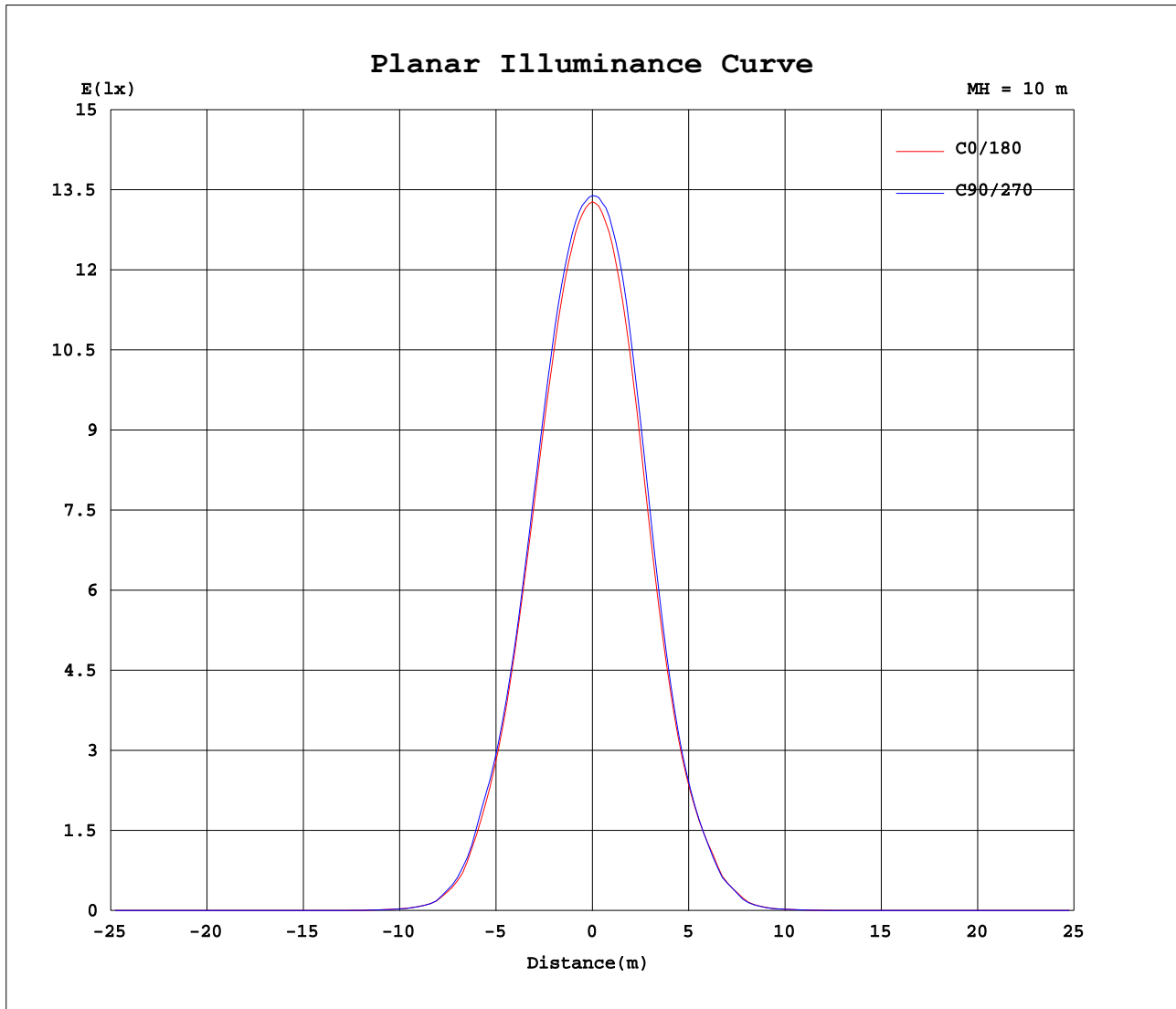
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Planar Illuminance Curve



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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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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	1328	1331	1328	1327	1337	1340	1339	1343	1345	1338
3.0	1309	1313	1313	1316	1329	1330	1326	1327	1333	1333
6.0	1263	1270	1271	1281	1292	1295	1288	1287	1291	1293
9.0	1190	1198	1198	1208	1229	1233	1218	1217	1219	1223
12.0	1083	1093	1096	1107	1129	1136	1115	1112	1113	1116
15.0	956.4	968.0	967.3	981.8	1001	1003	983.8	979.0	980.6	979.2
18.0	809.7	822.2	827.2	838.3	846.5	850.4	830.3	828.1	822.5	815.8
21.0	654.9	672.0	678.2	685.7	682.1	683.3	669.1	668.9	657.5	649.8
24.0	504.4	522.8	529.5	541.4	530.6	531.4	520.4	520.7	510.2	494.4
27.0	374.6	391.8	399.2	410.6	397.9	401.1	392.2	388.7	377.4	370.2
30.0	262.4	278.8	286.1	297.5	291.2	297.0	288.2	284.8	273.2	269.8
33.0	154.6	165.8	168.7	177.8	171.2	172.7	167.3	168.1	160.6	161.7
36.0	82.40	87.05	87.55	92.83	92.50	93.24	90.59	90.59	91.08	91.22
39.0	38.25	41.10	40.91	43.31	40.66	41.44	38.81	38.83	37.74	38.09
42.0	19.34	20.18	20.14	20.62	19.05	19.11	18.47	18.71	17.64	17.13
45.0	9.318	9.693	9.579	9.740	8.831	8.794	8.766	9.011	8.570	8.192
48.0	4.736	5.000	4.959	5.087	4.571	4.581	4.524	4.697	4.368	4.210
51.0	1.177	1.262	1.214	1.263	1.163	1.233	1.158	1.124	1.105	1.173
54.0	0.3819	0.4695	0.4347	0.4739	0.4371	0.4659	0.4307	0.4365	0.4575	0.4449
57.0	0.2921	0.2660	0.2771	0.3022	0.3453	0.3363	0.3454	0.3468	0.3541	0.3232
60.0	0.1581	0.1402	0.1560	0.1786	0.2199	0.2041	0.2071	0.1914	0.1880	0.1446
63.0	0.0938	0.0660	0.0832	0.0956	0.1238	0.1362	0.1556	0.1384	0.1322	0.0871
66.0	0.0788	0.0489	0.0682	0.0596	0.0789	0.0638	0.0899	0.0742	0.0706	0.0404
69.0	0.0576	0.0298	0.0405	0.0320	0.0512	0.0298	0.0447	0.0213	0.0320	0.0192
72.0	0.0554	0.0277	0.0362	0.0298	0.0448	0.0277	0.0383	0.0213	0.0277	0.0192
75.0	0.0512	0.0256	0.0341	0.0298	0.0384	0.0213	0.0298	0.0213	0.0256	0.0192
78.0	0.0363	0.0256	0.0299	0.0234	0.0320	0.0213	0.0277	0.0213	0.0234	0.0192
81.0	0.0277	0.0256	0.0256	0.0234	0.0298	0.0213	0.0234	0.0213	0.0192	0.0192
84.0	0.0298	0.0341	0.0256	0.0256	0.0213	0.0213	0.0213	0.0213	0.0192	0.0192
87.0	0.0319	0.0362	0.0320	0.0256	0.0213	0.0213	0.0213	0.0213	0.0192	0.0192
90.0	0.0362	0.0362	0.0320	0.0256	0.0213	0.0213	0.0213	0.0213	0.0192	0.0192
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	1334	1333	1328	1331	1328	1327	1337	1340	1339	1343
3.0	1326	1319	1311	1310	1317	1316	1328	1330	1330	1329
6.0	1286	1274	1266	1265	1273	1275	1292	1290	1297	1295
9.0	1210	1193	1183	1181	1193	1195	1216	1214	1229	1217
12.0	1099	1079	1061	1058	1070	1072	1097	1092	1107	1098
15.0	955.1	929.7	904.4	905.1	912.7	907.5	938.1	934.5	952.3	946.9
18.0	786.4	761.8	733.2	729.6	734.1	728.1	762.1	757.2	771.8	768.1
21.0	619.8	599.4	570.3	561.8	563.2	557.5	589.6	581.0	595.2	594.7
24.0	471.0	452.7	426.7	415.4	416.4	408.4	436.2	430.9	440.3	442.0
27.0	346.5	332.1	313.3	305.4	305.8	295.8	312.9	313.0	320.5	317.7
30.0	249.5	237.7	225.7	220.4	219.7	213.2	221.9	219.3	224.6	222.5
33.0	154.7	146.6	142.9	134.7	137.8	130.3	139.0	129.0	137.1	128.6
36.0	87.54	81.55	78.87	76.82	78.40	77.38	79.54	77.30	79.42	78.16
39.0	34.90	33.79	33.78	31.60	32.28	31.28	31.79	30.61	31.81	31.80
42.0	15.45	15.09	14.76	13.58	13.71	13.27	13.86	13.39	14.01	14.44
45.0	7.564	7.235	7.021	6.661	6.810	6.736	6.963	6.751	7.035	7.266
48.0	3.891	3.728	3.720	3.380	3.398	3.266	3.287	3.064	3.274	3.373
51.0	1.225	1.177	1.212	1.076	1.121	1.159	1.110	1.073	1.093	1.046
54.0	0.4720	0.4854	0.5258	0.5032	0.5066	0.5287	0.4642	0.4307	0.3875	0.3754
57.0	0.3140	0.3274	0.3420	0.3393	0.3400	0.3607	0.3401	0.3285	0.2976	0.2900
60.0	0.1325	0.1149	0.1297	0.1643	0.1511	0.1877	0.1639	0.1899	0.1617	0.1558
63.0	0.0854	0.0766	0.0956	0.1173	0.1064	0.1195	0.1252	0.1619	0.1342	0.1257
66.0	0.0597	0.0425	0.0489	0.0810	0.0659	0.0811	0.0574	0.0769	0.0680	0.0725
69.0	0.0277	0.0234	0.0298	0.0448	0.0320	0.0490	0.0298	0.0426	0.0320	0.0469
72.0	0.0298	0.0234	0.0192	0.0405	0.0298	0.0448	0.0298	0.0383	0.0320	0.0426
75.0	0.0256	0.0234	0.0149	0.0362	0.0234	0.0405	0.0255	0.0341	0.0298	0.0384
78.0	0.0234	0.0234	0.0149	0.0320	0.0149	0.0341	0.0149	0.0298	0.0170	0.0320
81.0	0.0234	0.0234	0.0149	0.0277	0.0149	0.0277	0.0128	0.0277	0.0128	0.0298
84.0	0.0234	0.0234	0.0149	0.0256	0.0149	0.0235	0.0128	0.0213	0.0128	0.0213
87.0	0.0234	0.0234	0.0149	0.0213	0.0149	0.0192	0.0128	0.0170	0.0128	0.0170
90.0	0.0234	0.0234	0.0170	0.0149	0.0149	0.0149	0.0128	0.0149	0.0128	0.0128
G/C	300.0	315.0	330.0	345.0						
0.0	1345	1338	1334	1333						
3.0	1327	1319	1310	1313						
6.0	1287	1262	1253	1262						
9.0	1203	1179	1170	1182						
12.0	1084	1054	1052	1075						
15.0	939.4	913.0	915.7	940.6						
18.0	771.5	758.6	771.5	791.8						
21.0	602.2	600.8	618.3	636.6						

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.2DEG
 Operators: Cao Chengpei
 Test Date: 2016-11-29

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	450.4	454.5	469.8	486.4
27.0	324.3	329.1	345.8	357.4
30.0	226.1	226.6	241.4	248.2
33.0	137.0	132.8	144.8	148.4
36.0	76.76	73.56	77.20	80.43
39.0	33.84	34.03	36.65	36.87
42.0	16.09	16.88	18.25	18.25
45.0	7.824	8.210	8.871	8.691
48.0	3.785	4.053	4.550	4.469
51.0	1.013	0.9832	1.066	1.093
54.0	0.3386	0.3423	0.3426	0.3639
57.0	0.2785	0.2623	0.2680	0.2941
60.0	0.1465	0.1345	0.1337	0.1580
63.0	0.0745	0.0832	0.0681	0.0896
66.0	0.0489	0.0682	0.0553	0.0746
69.0	0.0298	0.0490	0.0320	0.0469
72.0	0.0298	0.0469	0.0319	0.0405
75.0	0.0298	0.0426	0.0298	0.0341
78.0	0.0276	0.0383	0.0213	0.0298
81.0	0.0149	0.0277	0.0213	0.0234
84.0	0.0128	0.0192	0.0235	0.0234
87.0	0.0128	0.0170	0.0298	0.0255
90.0	0.0128	0.0149	0.0320	0.0320

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.2DEG
Operators: Cao Chengpei
Test Date: 2016-11-29

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: