

LED Downlight SENSE Series S100R1-13W-930-M



Light Output Ratio:	100.0%	
Luminaire Power:	14.37 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: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-05-12

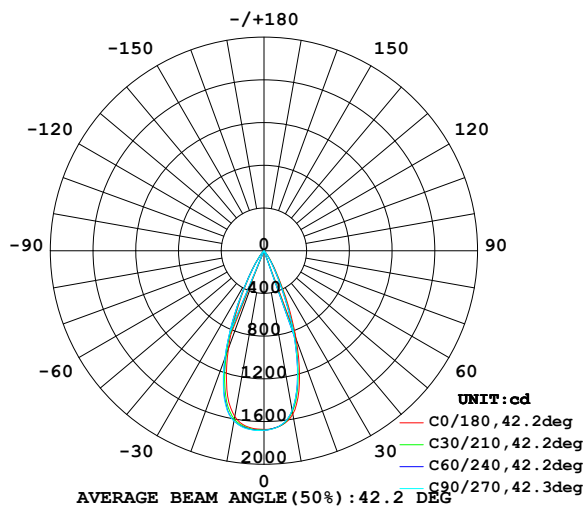
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

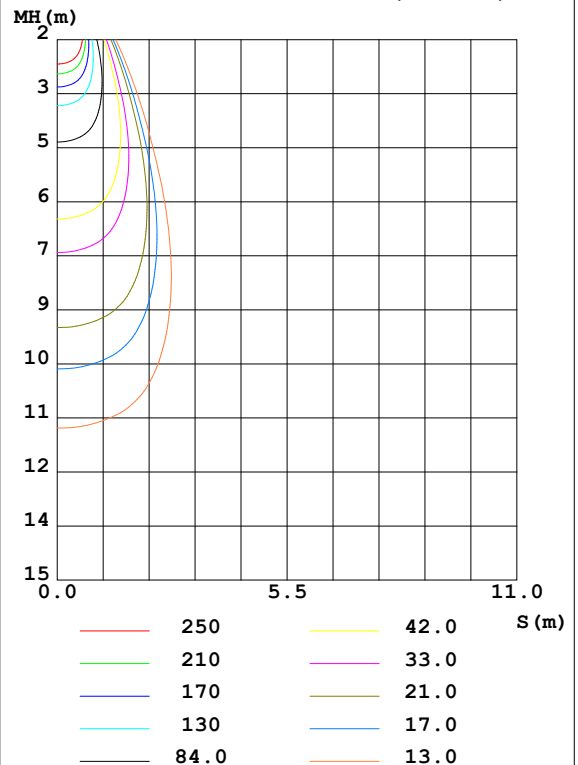
Test:U:220.7V I:0.0712A P:14.37W PF:0.9137 Lamp Flux:836.374x1 lm		
NAME: S100R1-13W-930-M	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: $\phi$ 108mm*H126mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 58.21 lm/W			
MODEL	CITIZEN-3000K	I <sub>max</sub> (cd)	1685	S/MH (C0/180)	0.67
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	0.68
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	836.37	$\eta$ UP, DN (C0-180)	0.0, 46.0
NOMINAL FLUX (lm)	836.374	CIE CLASS	DIRECT	$\eta$ UP, DN (C180-360)	0.0, 54.0
LAMPS INSIDE	1	$\eta$ up (%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	220	$\eta$ down (%)	100.0	CIBSE SHR MAX	0.65

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



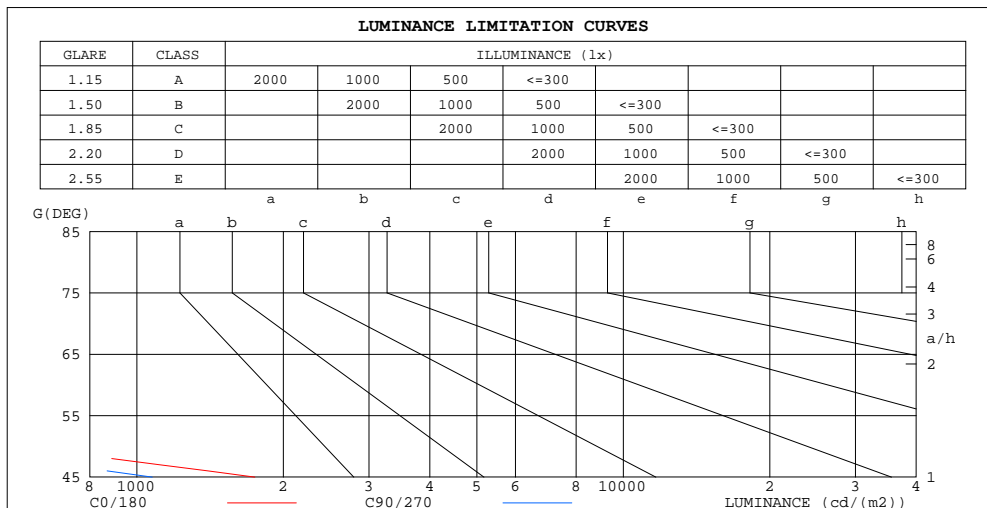
C Range: 0 - 360DEG  
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 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
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$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
 Humidity: 52%  
 Test Distance: 5.850m [K=1.0000]  
 Remarks:

**ZONAL FLUX DIAGRAM  
AND LUMINANCE LIMITATION CURVES**

**ZONAL FLUX DIAGRAM:**

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\%lum, lamp$
10	1553	1531	1518	1548	1577	1609	1620	1602	0- 10	155.9	155.9	18.6,18.6
20	881.7	820.9	807.0	878.1	975.7	1042	1072	1003	10- 20	358.3	514.2	61.5,61.5
30	223.9	185.4	173.5	218.3	277.5	288.9	289.5	267.9	20- 30	243.3	757.5	90.6,90.6
40	35.61	27.58	22.69	28.29	40.28	42.35	40.46	39.90	30- 40	67.56	825.1	98.6,98.6
50	3.206	2.602	2.156	2.208	2.838	3.380	3.790	3.699	40- 50	9.946	835.0	99.8,99.8
60	0.3575	0.3141	0.2676	0.2486	0.3181	0.3464	0.3987	0.3857	50- 60	1.173	836.2	100,100
70	0.0635	0.0546	0.0789	0.0327	0.0306	0.0503	0.0306	0.0503	60- 70	0.1098	836.3	100,100
80	0.0350	0.0284	0.0284	0.0284	0.0219	0.0284	0.0219	0.0284	70- 80	0.0335	836.3	100,100
90	0.0350	0.0372	0.0350	0.0350	0.0219	0.0219	0.0219	0.0241	80- 90	0.0302	836.4	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(DEG)	C0/180	C90/270
85	38	36
80	22	18
75	14	12
70	20	25
65	23	31
60	78	58
55	243	174
50	545	366
45	1748	1075

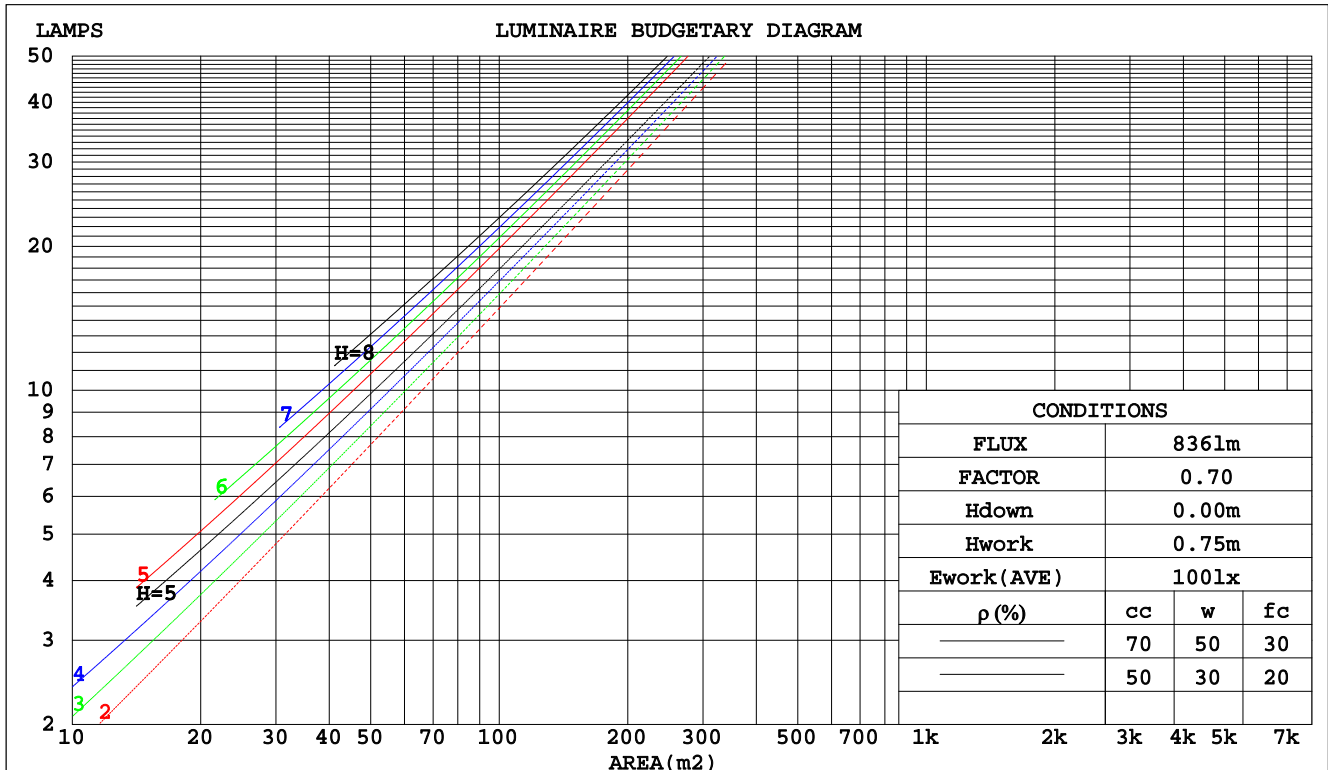
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C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-05-12

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Humidity:52%  
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Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.7V I:0.0712A P:14.37W PF:0.9137 Lamp Flux:836.374x1 lm		
NAME: S100R1-13W-930-M	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: $\phi$ 108mm*H126mm	
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	.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	.00	1.04	1.01	.98	1.01	.98	.96	.98	.96	.94	.95	.94	.92	.91
3.0	1.00	.96	.93	.99	.95	.92	.96	.93	.91	.94	.91	.89	.92	.90	.88	.86
4.0	.95	.91	.87	.94	.90	.87	.92	.88	.86	.90	.87	.85	.88	.86	.84	.82
5.0	.91	.86	.82	.90	.85	.82	.88	.84	.81	.87	.83	.81	.85	.82	.80	.79
6.0	.86	.82	.78	.86	.81	.78	.84	.80	.77	.83	.79	.77	.82	.79	.76	.75
7.0	.83	.78	.74	.82	.77	.74	.81	.77	.74	.80	.76	.73	.79	.75	.73	.72
8.0	.79	.74	.71	.79	.74	.71	.78	.73	.70	.77	.73	.70	.76	.72	.70	.69
9.0	.76	.71	.68	.75	.71	.68	.75	.70	.67	.74	.70	.67	.73	.70	.67	.66
10.0	.73	.68	.65	.72	.68	.65	.72	.68	.65	.71	.67	.64	.70	.67	.64	.63



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WEC AND CCEC

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$\rho_{cc}$	80%			70%			50%			30%			10%			0	
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
$\rho_{fc}$	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.153	.087	.028	.147	.084	.027	.134	.077	.025	.123	.071	.023	.112	.065	.021		
2.0	.144	.079	.024	.139	.076	.024	.128	.071	.022	.119	.067	.021	.110	.062	.020		
3.0	.136	.073	.022	.132	.070	.021	.123	.067	.020	.115	.063	.019	.107	.059	.018		
4.0	.129	.067	.020	.125	.065	.019	.118	.062	.019	.111	.059	.018	.104	.057	.017		
5.0	.123	.062	.018	.119	.061	.018	.113	.059	.017	.107	.056	.017	.101	.054	.016		
6.0	.117	.059	.017	.114	.058	.017	.108	.056	.016	.103	.054	.016	.098	.052	.015		
7.0	.112	.055	.016	.109	.054	.016	.104	.053	.015	.100	.051	.015	.095	.050	.015		
8.0	.107	.052	.015	.105	.052	.015	.100	.050	.014	.096	.049	.014	.093	.048	.014		
9.0	.103	.050	.014	.101	.049	.014	.097	.048	.014	.093	.047	.013	.090	.046	.013		
10.0	.099	.047	.013	.097	.047	.013	.094	.046	.013	.090	.045	.013	.087	.044	.013		

$\rho_{cc}$	80%			70%			50%			30%			10%			0	
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
$\rho_{fc}$	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	.169	.158	.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	.081	.082	.068	.057	.047	.040	.033	.015	.013	.011		
4.0	.127	.098	.076	.109	.085	.066	.075	.059	.047	.043	.035	.028	.014	.011	.009		
5.0	.118	.086	.063	.101	.075	.055	.070	.052	.039	.040	.031	.023	.013	.010	.008		
6.0	.109	.077	.053	.094	.066	.046	.065	.046	.033	.038	.027	.019	.012	.009	.006		
7.0	.103	.069	.045	.088	.060	.039	.061	.042	.028	.035	.025	.017	.011	.008	.005		
8.0	.097	.062	.039	.083	.054	.034	.058	.038	.024	.033	.022	.014	.011	.007	.005		
9.0	.091	.057	.034	.079	.049	.029	.055	.035	.021	.032	.020	.012	.010	.007	.004		
10.0	.087	.052	.029	.075	.045	.026	.052	.032	.018	.030	.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

Test:U:220.7V I:0.0712A P:14.37W PF:0.9137 Lamp Flux:836.374x1 lm										
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SPEC.:3000K					DIM.: $\phi$ 108mm*H126mm					
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	8.4	9.1	8.6	9.3	9.5	6.6	7.4	6.8	7.5	7.7
3H	8.2	8.9	8.4	9.1	9.3	6.4	7.1	6.7	7.3	7.5
4H	8.1	8.8	8.4	9.0	9.2	6.3	7.0	6.6	7.2	7.4
6H	8.0	8.7	8.3	8.9	9.1	6.2	6.9	6.5	7.1	7.4
8H	8.0	8.6	8.3	8.9	9.1	6.2	6.8	6.5	7.1	7.3
12H	7.9	8.5	8.3	8.8	9.1	6.2	6.7	6.5	7.0	7.3
4H 2H	8.1	8.8	8.4	9.0	9.2	6.3	7.0	6.6	7.2	7.4
3H	7.9	8.5	8.3	8.8	9.1	6.2	6.7	6.5	7.0	7.3
4H	7.8	8.4	8.2	8.7	9.0	6.1	6.6	6.4	6.9	7.2
6H	7.7	8.2	8.1	8.6	8.9	6.0	6.4	6.3	6.8	7.1
8H	7.7	8.1	8.1	8.5	8.8	5.9	6.4	6.3	6.7	7.1
12H	7.6	8.0	8.0	8.4	8.8	5.9	6.3	6.3	6.6	7.0
8H 4H	7.7	8.1	8.1	8.5	8.8	5.9	6.4	6.3	6.7	7.1
6H	7.6	7.9	8.0	8.3	8.8	5.8	6.2	6.2	6.6	7.0
8H	7.5	7.8	8.0	8.3	8.7	5.7	6.1	6.2	6.5	6.9
12H	7.5	7.7	7.9	8.2	8.7	5.7	6.0	6.2	6.4	6.9
12H 4H	7.6	8.0	8.0	8.4	8.8	5.9	6.3	6.3	6.6	7.0
6H	7.5	7.8	8.0	8.3	8.7	5.7	6.1	6.2	6.5	6.9
8H	7.5	7.7	7.9	8.2	8.7	5.7	6.0	6.2	6.4	6.9
Variations with the observer position at spacings:										
S = 1.0H	+ 4.3 / -19.2					+ 3.9 / -18.5				
1.5H	+ 6.9 / -15.4					+ 6.5 / -13.9				
2.0H	+ 8.0 / -16.4					+ 7.0 / -13.4				

CIE Pub.117 Corrected 836.4 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.6)

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UTILIZATION FACTORS TABLE

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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	81	90	84	81	78
0.80	98	92	89	97	92	89	96	92	89	85
1.00	102	97	93	101	96	93	99	96	92	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	114	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					SHRNM = 1.25		

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ISOCANDELA DIAGRAM

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Conical surface Flux(90deg):

832.6 lm

%lum = 99.5%

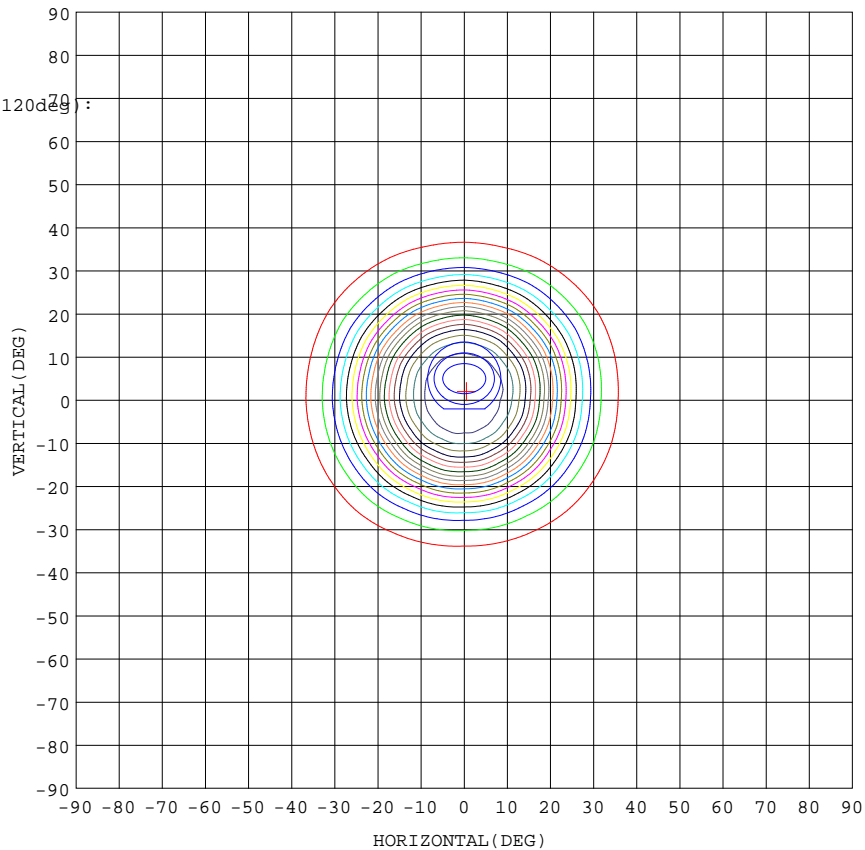
%lamp = 99.5%

Conical surface Flux(120deg):

836.2 lm

%lum = 100.0%

%lamp = 100.0%



5%	84.22
10%	168.4
15%	252.7
20%	336.9
25%	421.1
30%	505.3
35%	589.5
40%	673.8
45%	758.0
50%	842.2
55%	926.4
60%	1011
65%	1095
70%	1179
75%	1263
80%	1348
85%	1432
90%	1516
95%	1600

1. AVG=1667,MIN=1640
2. AVG=1655,MIN=1596
3. AVG=1637,MIN=1511

Imax:1684(H0.5,V2.0)  
(At:C=285.0,Gamma=2.0)

UNIT: cd

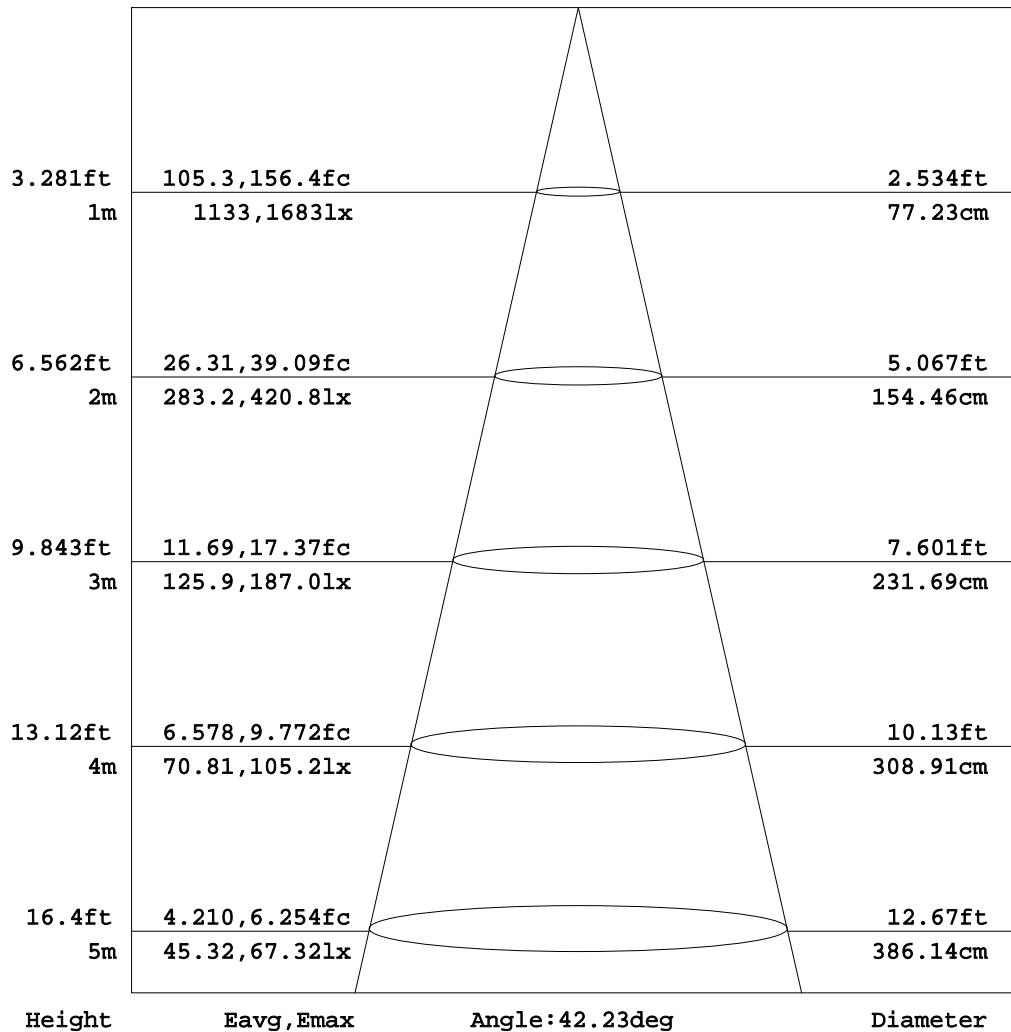
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**AAI Figure**

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Flux out:581.0 lm



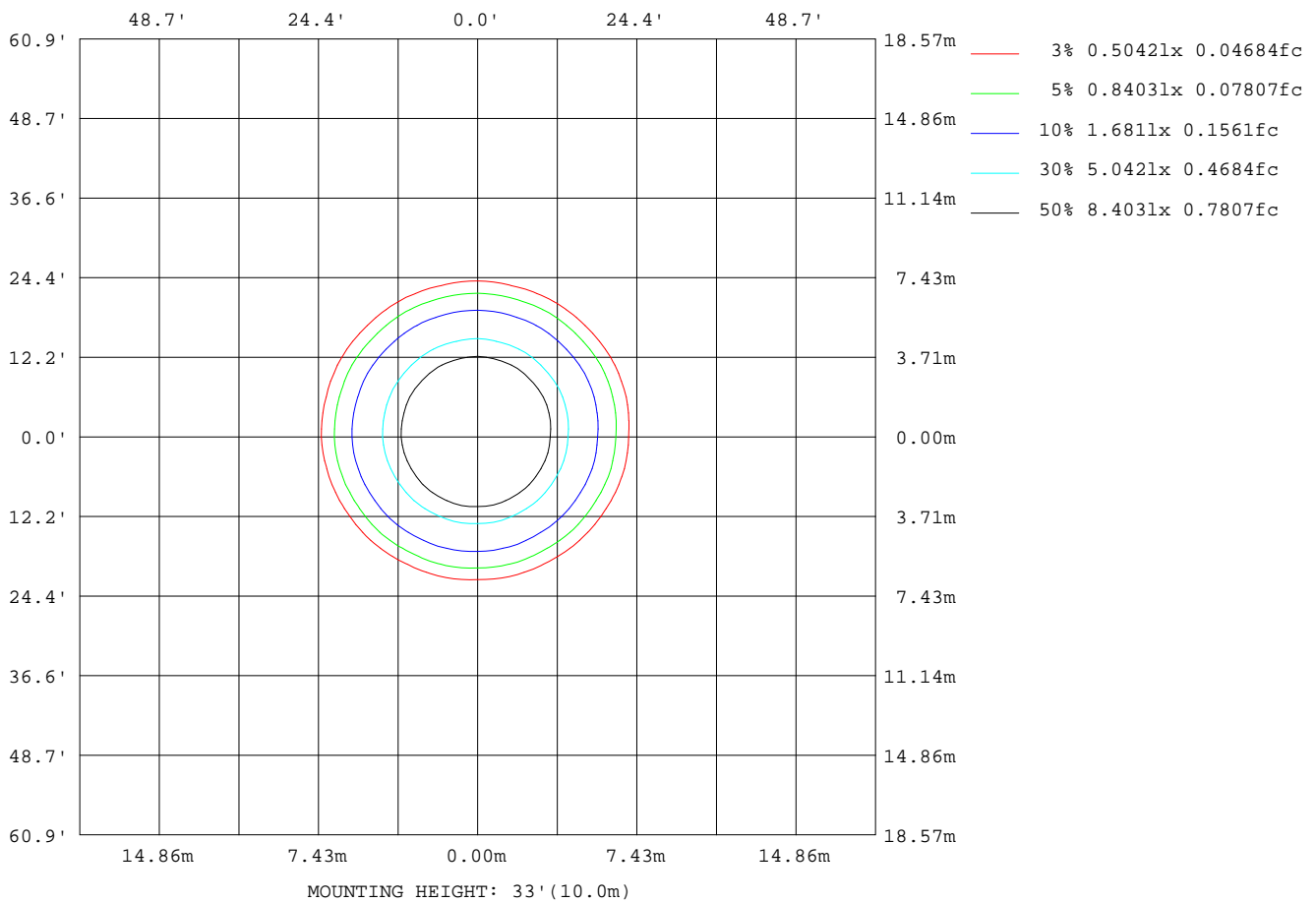
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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**ISOLUX DIAGRAM**

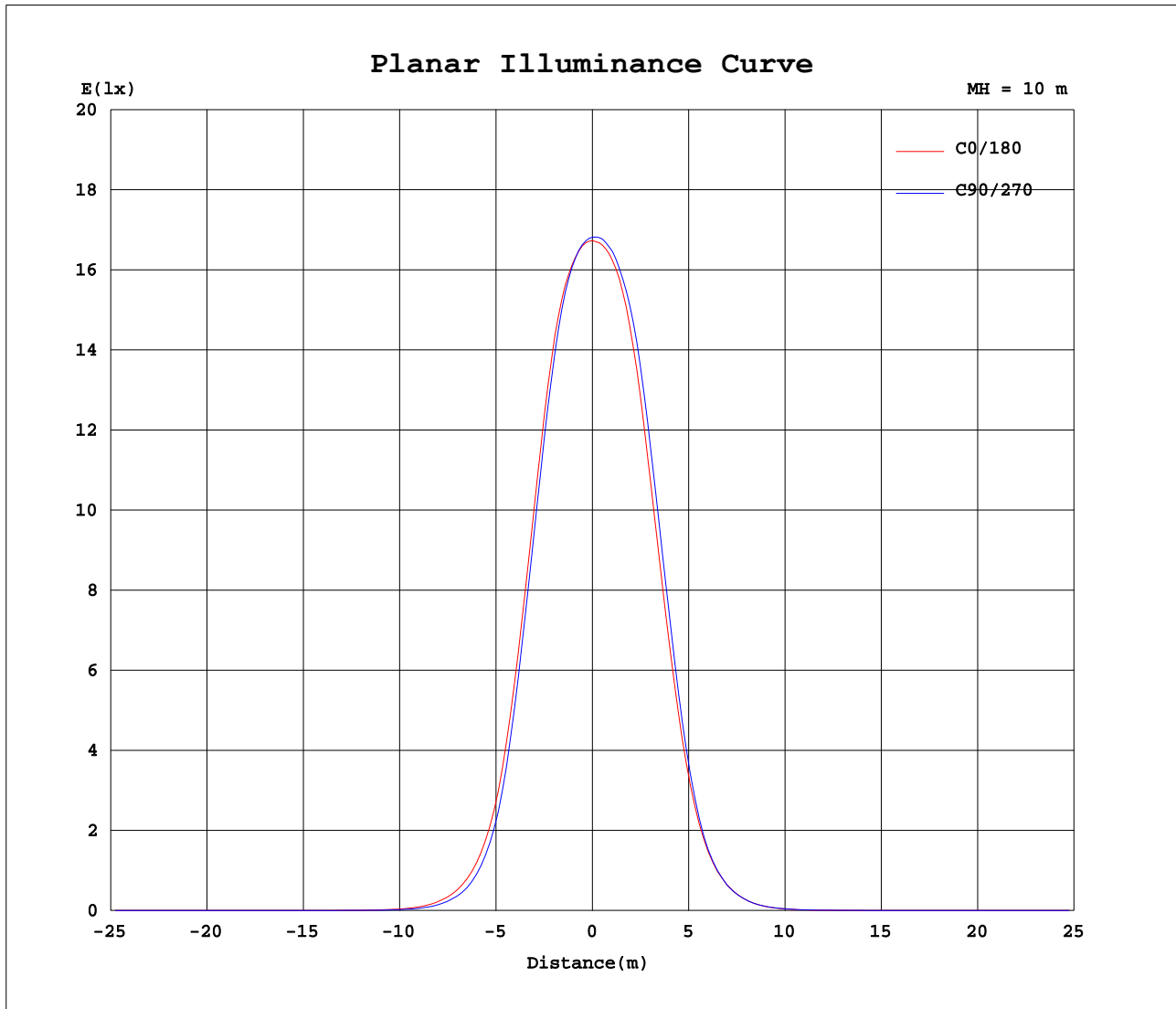
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Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity:52%  
Test Distance:5.850m [K=1.0000]  
Remarks:

### Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-05-12

$\gamma$  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:

```

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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	1673	1676	1678	1679	1680	1681	1682	1682	1683	1683
3.0	1666	1668	1666	1666	1666	1668	1669	1672	1671	1672
6.0	1639	1639	1637	1637	1634	1636	1634	1638	1641	1647
9.0	1584	1580	1567	1567	1559	1563	1559	1570	1570	1583
12.0	1469	1458	1437	1431	1417	1422	1418	1431	1434	1457
15.0	1283	1267	1238	1232	1215	1224	1217	1237	1243	1271
18.0	1049	1031	1000	992.9	974.4	983.9	978.2	1000	1008	1043
21.0	794.7	778.3	742.7	733.1	715.4	721.1	718.7	742.2	753.2	792.0
24.0	554.0	533.4	504.5	490.9	472.5	475.4	473.3	494.7	512.2	548.8
27.0	354.9	341.9	316.8	306.8	291.0	292.0	291.0	307.3	320.5	353.1
30.0	223.9	211.9	194.0	185.4	174.2	175.4	173.5	185.3	196.4	218.3
33.0	135.8	130.0	116.0	108.9	101.8	99.98	98.38	104.8	112.2	128.2
36.0	78.87	74.66	66.76	62.13	57.94	55.66	55.61	58.45	61.99	70.59
39.0	44.31	41.93	36.93	34.49	30.91	29.70	28.69	30.06	31.54	36.08
42.0	22.65	21.58	19.09	17.60	15.62	15.04	14.20	15.03	15.34	17.29
45.0	11.32	10.77	9.493	8.885	7.839	7.539	6.961	7.237	7.314	8.027
48.0	5.440	5.134	4.583	4.285	3.818	3.653	3.388	3.417	3.353	3.615
51.0	2.529	2.439	2.258	2.162	2.018	1.963	1.864	1.863	1.829	1.895
54.0	1.573	1.522	1.416	1.371	1.271	1.238	1.144	1.155	1.122	1.175
57.0	0.7698	0.7770	0.7257	0.6984	0.6360	0.6176	0.5723	0.5784	0.5526	0.5827
60.0	0.3575	0.3599	0.3312	0.3141	0.3004	0.2858	0.2676	0.2574	0.2500	0.2486
63.0	0.1406	0.1242	0.1296	0.1156	0.1360	0.1201	0.1294	0.1092	0.1118	0.0808
66.0	0.0832	0.0634	0.0919	0.0765	0.1093	0.0962	0.1137	0.0940	0.0984	0.0634
69.0	0.0700	0.0480	0.0766	0.0612	0.0854	0.0721	0.0985	0.0720	0.0723	0.0371
72.0	0.0525	0.0328	0.0547	0.0371	0.0613	0.0306	0.0482	0.0262	0.0395	0.0241
75.0	0.0328	0.0328	0.0307	0.0284	0.0306	0.0284	0.0284	0.0262	0.0284	0.0262
78.0	0.0328	0.0328	0.0306	0.0284	0.0306	0.0284	0.0284	0.0262	0.0284	0.0262
81.0	0.0307	0.0328	0.0306	0.0284	0.0306	0.0306	0.0284	0.0306	0.0284	0.0284
84.0	0.0306	0.0328	0.0306	0.0328	0.0306	0.0306	0.0284	0.0307	0.0284	0.0306
87.0	0.0306	0.0372	0.0306	0.0350	0.0328	0.0350	0.0306	0.0328	0.0284	0.0328
90.0	0.0350	0.0350	0.0350	0.0372	0.0350	0.0372	0.0350	0.0372	0.0350	0.0350

G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	1683	1673	1676	1678	1679	1680	1681	1682	1682	1683
3.0	1673	1677	1669	1672	1676	1678	1681	1683	1684	1683
6.0	1648	1654	1650	1654	1660	1662	1668	1671	1673	1668
9.0	1586	1598	1602	1611	1623	1628	1636	1634	1637	1632
12.0	1465	1490	1504	1518	1541	1548	1566	1569	1571	1565
15.0	1286	1316	1346	1361	1395	1408	1426	1428	1436	1421
18.0	1059	1098	1134	1151	1189	1201	1227	1225	1235	1214
21.0	815.8	857.1	895.4	913.1	949.6	957.7	983.1	979.9	989.9	965.2
24.0	573.1	615.0	654.0	670.7	698.5	704.3	725.7	717.1	723.0	700.8
27.0	374.5	408.7	439.7	450.9	471.2	471.0	484.9	477.0	477.7	459.8
30.0	232.2	256.5	277.5	282.9	294.3	288.9	293.9	287.6	289.5	279.8
33.0	135.7	152.8	165.8	169.8	175.8	171.7	174.0	167.3	169.2	163.3
36.0	77.61	87.44	96.35	98.59	101.5	98.97	98.61	94.34	94.93	91.40
39.0	39.81	45.54	51.25	53.97	55.10	54.60	53.63	50.77	51.23	49.35
42.0	18.74	21.56	24.91	25.80	26.92	26.19	26.45	24.96	25.20	24.48
45.0	8.682	10.09	11.56	12.05	12.86	12.54	12.85	12.29	12.49	12.13
48.0	3.797	4.335	5.049	5.287	5.799	5.846	6.158	5.975	6.168	6.036
51.0	1.967	2.138	2.333	2.421	2.604	2.683	2.854	2.878	2.987	2.927
54.0	1.203	1.325	1.460	1.518	1.626	1.660	1.750	1.750	1.803	1.772
57.0	0.5811	0.6503	0.7197	0.7387	0.8070	0.8220	0.8745	0.8657	0.9051	0.8876
60.0	0.2545	0.2769	0.3181	0.3266	0.3464	0.3464	0.3748	0.3748	0.3987	0.3879
63.0	0.0901	0.0763	0.0913	0.1076	0.0979	0.1164	0.1109	0.1296	0.1240	0.1339
66.0	0.0699	0.0459	0.0437	0.0656	0.0415	0.0590	0.0350	0.0569	0.0371	0.0569
69.0	0.0569	0.0349	0.0306	0.0591	0.0327	0.0569	0.0328	0.0525	0.0306	0.0525
72.0	0.0329	0.0306	0.0283	0.0416	0.0240	0.0394	0.0283	0.0459	0.0284	0.0394
75.0	0.0263	0.0284	0.0219	0.0306	0.0197	0.0285	0.0219	0.0307	0.0219	0.0306
78.0	0.0262	0.0284	0.0219	0.0328	0.0197	0.0284	0.0219	0.0306	0.0219	0.0284
81.0	0.0262	0.0284	0.0219	0.0284	0.0197	0.0284	0.0219	0.0284	0.0219	0.0284
84.0	0.0262	0.0306	0.0219	0.0262	0.0197	0.0262	0.0219	0.0262	0.0219	0.0262
87.0	0.0262	0.0328	0.0219	0.0241	0.0197	0.0241	0.0219	0.0262	0.0219	0.0262
90.0	0.0328	0.0372	0.0219	0.0219	0.0197	0.0219	0.0219	0.0241	0.0219	0.0241

G/C	300.0	315.0	330.0	345.0
0.0	1683	1683	1683	1683
3.0	1684	1682	1683	1680
6.0	1668	1664	1660	1655
9.0	1631	1623	1617	1609
12.0	1560	1542	1530	1504
15.0	1417	1386	1368	1329
18.0	1206	1168	1148	1101
21.0	956.0	915.3	894.8	849.0

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-05-12

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	692.4	655.6	640.0	597.7
27.0	454.7	428.9	416.8	389.1
30.0	280.4	267.9	263.5	245.0
33.0	165.0	161.2	160.7	150.5
36.0	93.02	90.58	91.91	87.10
39.0	50.51	49.63	51.21	48.53
42.0	25.44	25.43	26.30	24.95
45.0	12.66	12.63	13.08	12.37
48.0	6.277	6.179	6.309	5.938
51.0	3.004	2.876	2.908	2.716
54.0	1.796	1.732	1.746	1.666
57.0	0.9117	0.8744	0.8768	0.8219
60.0	0.4053	0.3857	0.3923	0.3725
63.0	0.1262	0.1383	0.1328	0.1470
66.0	0.0372	0.0635	0.0502	0.0766
69.0	0.0327	0.0547	0.0371	0.0656
72.0	0.0305	0.0438	0.0306	0.0525
75.0	0.0219	0.0307	0.0241	0.0328
78.0	0.0219	0.0284	0.0241	0.0328
81.0	0.0219	0.0263	0.0241	0.0285
84.0	0.0219	0.0262	0.0241	0.0284
87.0	0.0219	0.0241	0.0241	0.0284
90.0	0.0219	0.0241	0.0241	0.0241

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-05-12

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: