

LED Downlight SENSE Series S125R1-18W-930-W



Light Output Ratio:	100.0%	
Luminaire Power:	19.57 W	
SHR Nominal:	0.75	Calculated using the TM5
SHR Maximum:	0.80	fine grid method.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-07-14

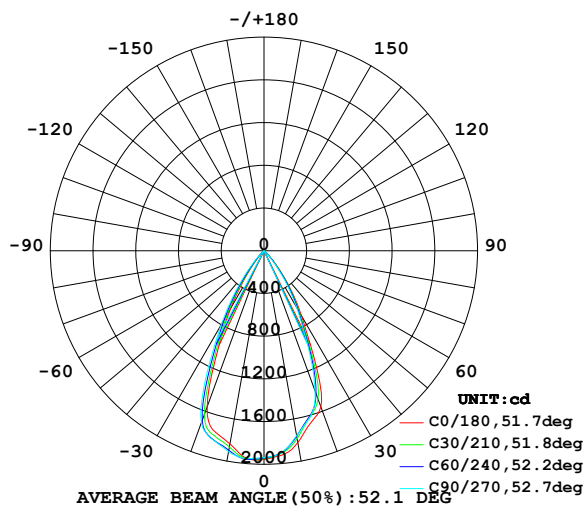
$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

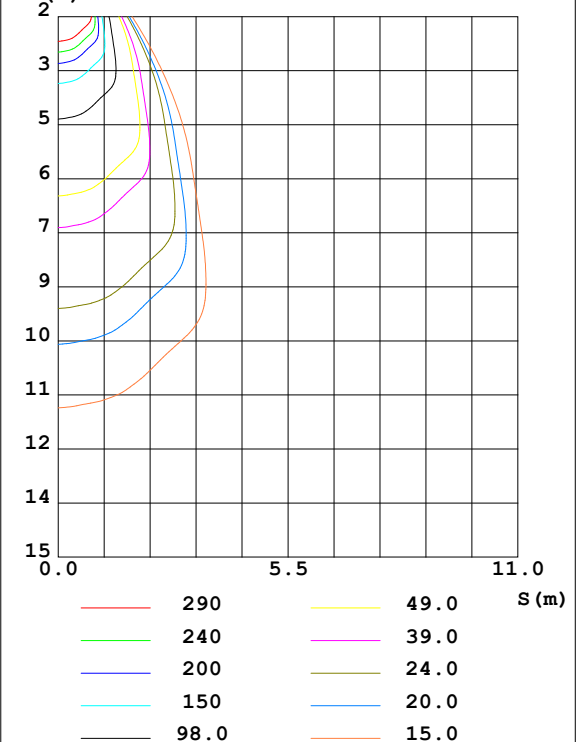
Test:U:220.7V I:0.0941A P:19.57W PF:0.9431 Lamp Flux:1454.68x1 lm		
NAME: S125R1-18W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: $\phi$ 135mm*H157mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 74.32 lm/W			
MODEL	CITIZEN-3000K	I <sub>max</sub> (cd)	1962	S/MH (C0/180)	0.78
NOMINAL POWER (W)	21	LOR (%)	100.0	S/MH (C90/270)	0.84
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	1454.7	$\eta$ UP,DN (C0-180)	0.0,47.2
NOMINAL FLUX (lm)	1454.68	CIE CLASS	DIRECT	$\eta$ UP,DN (C180-360)	0.0,52.8
LAMPS INSIDE	1	$\eta$ up (%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	220	$\eta$ down (%)	100.0	CIBSE SHR MAX	0.80

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



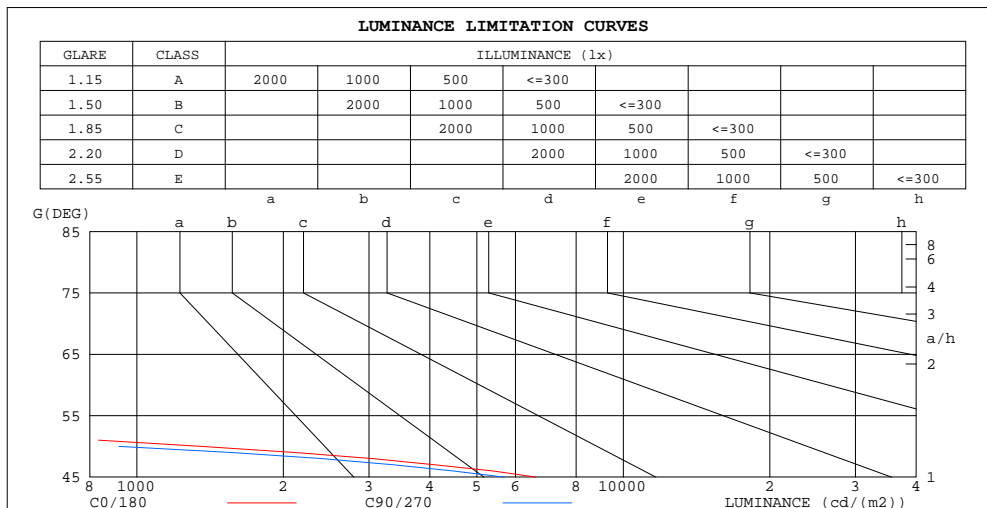
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Meng Yongjian  
 Test Date:2017-07-14

$\gamma$  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	$\Phi$ lum, lamp
10	1823	1775	1758	1779	1837	1884	1912	1874	0- 10	180.4	180.4	12.4,12.4
20	1556	1458	1398	1426	1555	1661	1715	1650	10- 20	481.5	661.9	45.5,45.5
30	702.8	650.5	613.2	587.3	631.8	712.5	803.2	782.9	20- 30	497.2	1159	79.7,79.7
40	192.5	182.5	153.1	124.1	109.1	141.7	200.3	207.9	30- 40	242.6	1402	96.4,96.4
50	12.49	10.93	8.449	7.044	6.638	8.460	13.84	14.41	40- 50	49.93	1452	99.8,99.8
60	0.8001	0.6895	0.6707	0.9303	0.8160	0.7952	0.8660	0.8936	50- 60	2.498	1454	100,100
70	0.1728	0.1332	0.1489	0.2488	0.2404	0.1532	0.1441	0.1772	60- 70	0.3417	1455	100,100
80	0.0765	0.0896	0.0896	0.0984	0.0459	0.0612	0.0481	0.0590	70- 80	0.0987	1455	100,100
90	0.0743	0.0918	0.0984	0.0984	0.0437	0.0437	0.0415	0.0459	80- 90	0.0758	1455	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		



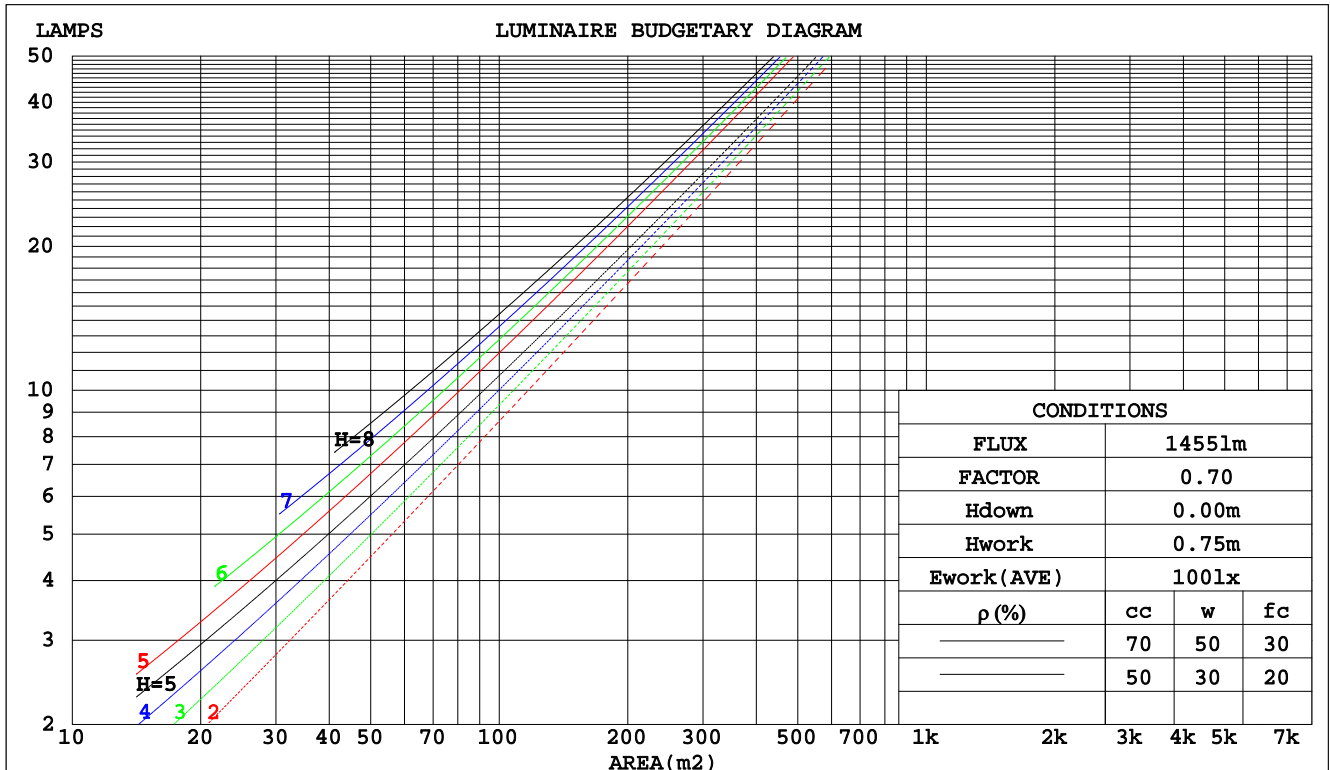
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Temperature: 25.3DEG  
Operators: Meng Yongjian  
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Humidity: 52%  
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Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.7V I:0.0941A P:19.57W PF:0.9431 Lamp Flux:1454.68x1 lm		
NAME: S125R1-18W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: $\phi$ 135mm*H157mm	
MFR.: NEKO LIGHTING AG		

$\rho_{cc}$	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	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	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	1.00	.99	.98	.97	.96	.94
2.0	1.04	1.00	.97	1.02	.99	.96	.99	.96	.94	.96	.94	.92	.94	.92	.90	.89
3.0	.98	.93	.89	.96	.92	.89	.94	.90	.87	.91	.88	.86	.89	.87	.85	.83
4.0	.92	.87	.83	.91	.86	.82	.89	.85	.81	.87	.83	.80	.85	.82	.80	.78
5.0	.87	.81	.77	.86	.81	.77	.84	.80	.76	.82	.79	.76	.81	.78	.75	.73
6.0	.82	.76	.72	.81	.76	.72	.80	.75	.72	.78	.74	.71	.77	.73	.71	.69
7.0	.77	.72	.68	.77	.71	.68	.75	.71	.67	.74	.70	.67	.73	.69	.67	.65
8.0	.73	.68	.64	.73	.67	.64	.72	.67	.63	.71	.66	.63	.70	.66	.63	.62
9.0	.70	.64	.60	.69	.64	.60	.68	.63	.60	.67	.63	.60	.66	.63	.60	.58
10.0	.66	.61	.57	.66	.60	.57	.65	.60	.57	.64	.60	.57	.63	.59	.57	.55



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WEC AND CCEC

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$\rho_w$	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	.168	.095	.030	.161	.092	.029	.148	.085	.027	.137	.079	.025	.126	.073	.024	
2.0	.160	.088	.027	.154	.085	.026	.144	.080	.025	.134	.075	.024	.125	.071	.022	
3.0	.152	.081	.024	.147	.079	.024	.138	.075	.023	.130	.071	.022	.122	.068	.021	
4.0	.145	.075	.022	.141	.074	.022	.133	.071	.021	.126	.068	.020	.119	.065	.020	
5.0	.138	.070	.020	.135	.069	.020	.128	.067	.020	.122	.064	.019	.116	.062	.019	
6.0	.132	.066	.019	.129	.065	.019	.123	.063	.018	.118	.061	.018	.113	.059	.018	
7.0	.126	.063	.018	.124	.062	.018	.119	.060	.017	.114	.058	.017	.109	.057	.017	
8.0	.121	.059	.017	.119	.059	.017	.114	.057	.016	.110	.056	.016	.106	.054	.016	
9.0	.116	.056	.016	.114	.056	.016	.110	.054	.015	.106	.053	.015	.103	.052	.015	
10.0	.112	.054	.015	.110	.053	.015	.106	.052	.015	.103	.051	.015	.099	.050	.014	

$\rho_{cc}$	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	.170	.157	.146	.146	.135	.125	.100	.093	.087	.057	.054	.050	.018	.017	.016	
2.0	.155	.133	.114	.132	.114	.099	.091	.079	.069	.052	.046	.040	.017	.015	.013	
3.0	.142	.114	.091	.122	.098	.079	.083	.068	.055	.048	.040	.033	.015	.013	.011	
4.0	.131	.099	.074	.113	.085	.064	.077	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.122	.087	.061	.105	.075	.053	.072	.053	.037	.042	.031	.022	.013	.010	.007	
6.0	.115	.078	.051	.099	.067	.044	.068	.047	.031	.039	.028	.019	.013	.009	.006	
7.0	.108	.070	.043	.093	.061	.038	.064	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.102	.064	.037	.088	.055	.032	.061	.039	.023	.035	.023	.014	.011	.007	.005	
9.0	.097	.058	.032	.084	.051	.028	.058	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.093	.054	.028	.080	.047	.024	.056	.033	.017	.032	.019	.010	.011	.006	.003	

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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:0.0941A P:19.57W PF:0.9431 Lamp Flux:1454.68x1 lm										
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SPEC.:3000K					DIM.: $\phi$ 135mm*H157mm					
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	15.2	16.1	15.4	16.2	16.4	14.4	15.3	14.7	15.5	15.7
3H	15.0	15.8	15.3	16.0	16.2	14.3	15.1	14.5	15.3	15.5
4H	14.9	15.7	15.2	15.9	16.1	14.2	15.0	14.5	15.2	15.4
6H	14.8	15.6	15.1	15.8	16.0	14.1	14.8	14.4	15.1	15.3
8H	14.8	15.5	15.1	15.7	16.0	14.1	14.7	14.4	15.0	15.3
12H	14.7	15.4	15.1	15.7	15.9	14.0	14.7	14.3	14.9	15.2
4H 2H	14.9	15.7	15.2	15.9	16.1	14.2	15.0	14.5	15.2	15.4
3H	14.7	15.4	15.1	15.7	15.9	14.0	14.7	14.3	14.9	15.2
4H	14.6	15.2	15.0	15.5	15.8	13.9	14.5	14.3	14.8	15.1
6H	14.5	15.1	14.9	15.4	15.8	13.8	14.3	14.2	14.7	15.0
8H	14.5	15.0	14.9	15.3	15.7	13.8	14.3	14.2	14.6	15.0
12H	14.4	14.9	14.9	15.3	15.7	13.7	14.2	14.1	14.5	14.9
8H 4H	14.5	15.0	14.9	15.3	15.7	13.8	14.3	14.2	14.6	15.0
6H	14.4	14.8	14.8	15.2	15.6	13.7	14.1	14.1	14.5	14.9
8H	14.3	14.7	14.8	15.1	15.5	13.6	14.0	14.1	14.4	14.8
12H	14.3	14.6	14.7	15.0	15.5	13.6	13.9	14.0	14.3	14.8
12H 4H	14.4	14.9	14.9	15.3	15.7	13.7	14.2	14.1	14.5	14.9
6H	14.3	14.7	14.8	15.1	15.5	13.6	14.0	14.1	14.4	14.8
8H	14.3	14.6	14.7	15.0	15.5	13.5	13.9	14.0	14.3	14.8
Variations with the observer position at spacings:										
S = 1.0H	+ 3.7 / -25.8					+ 3.2 / -25.7				
1.5H	+ 6.2 / -22.8					+ 5.7 / -22.2				
2.0H	+ 8.3 / -22.0					+ 8.2 / -20.7				

CIE Pub.117 Corrected 1455 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.3)

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Humidity:52%  
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Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.7V I:0.0941A P:19.57W PF:0.9431 Lamp Flux:1454.68x1 lm		
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SPEC.:3000K	DIM.: $\phi 135\text{mm} \times H157\text{mm}$	
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) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	80	89	83	80	88	83	79	76
0.80	97	91	88	96	91	87	95	90	87	84
1.00	101	95	92	100	95	92	98	95	91	88
1.25	104	100	96	103	99	96	102	98	95	91
1.50	107	103	99	106	102	99	104	100	98	94
2.00	109	105	102	108	104	102	105	102	100	95
2.50	111	107	105	109	106	104	106	104	102	96
3.00	112	109	107	111	108	105	107	105	103	97
4.00	114	112	110	112	110	108	109	107	106	99
5.00	115	113	112	113	112	110	109	108	107	99
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):

1439.5 lm

%lum = 99.0%

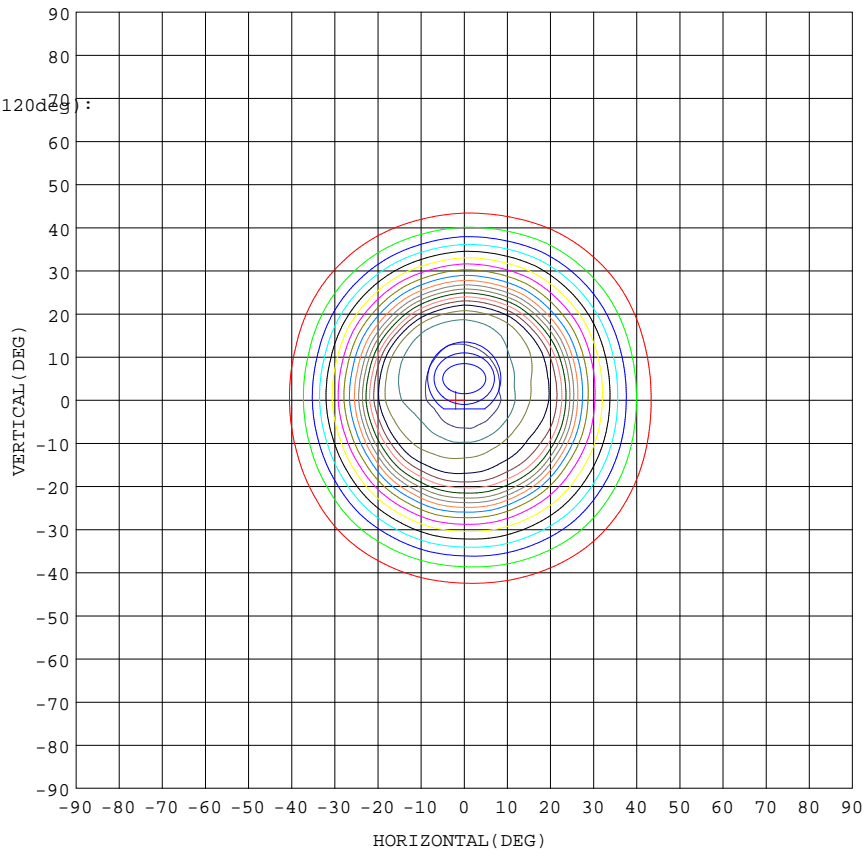
%lamp = 99.0%

Conical surface Flux(120deg):

1454.2 lm

%lum = 100.0%

%lamp = 100.0%



5% 98.11  
10% 196.2  
15% 294.3  
20% 392.4  
25% 490.6  
30% 588.7  
35% 686.8  
40% 784.9  
45% 883.0  
50% 981.1  
55% 1079  
60% 1177  
65% 1275  
70% 1374  
75% 1472  
80% 1570  
85% 1668  
90% 1766  
95% 1864

1. AVG=1942,MIN=1918  
2. AVG=1929,MIN=1884  
3. AVG=1914,MIN=1843

Imax:1962(H=2.0,V0.0)  
(At:C=180.0,Gamma=2.0)

UNIT: cd

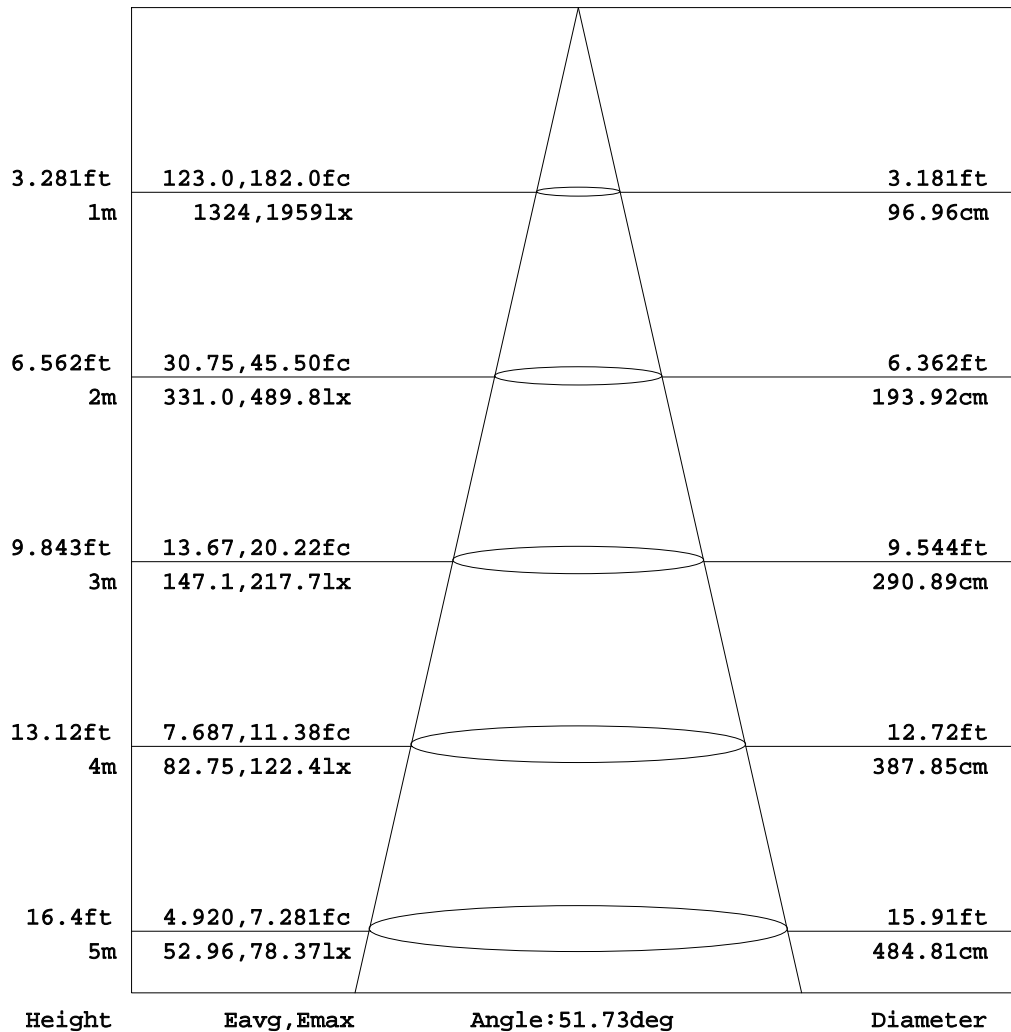
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**AAI Figure**

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Flux out:989.4 lm



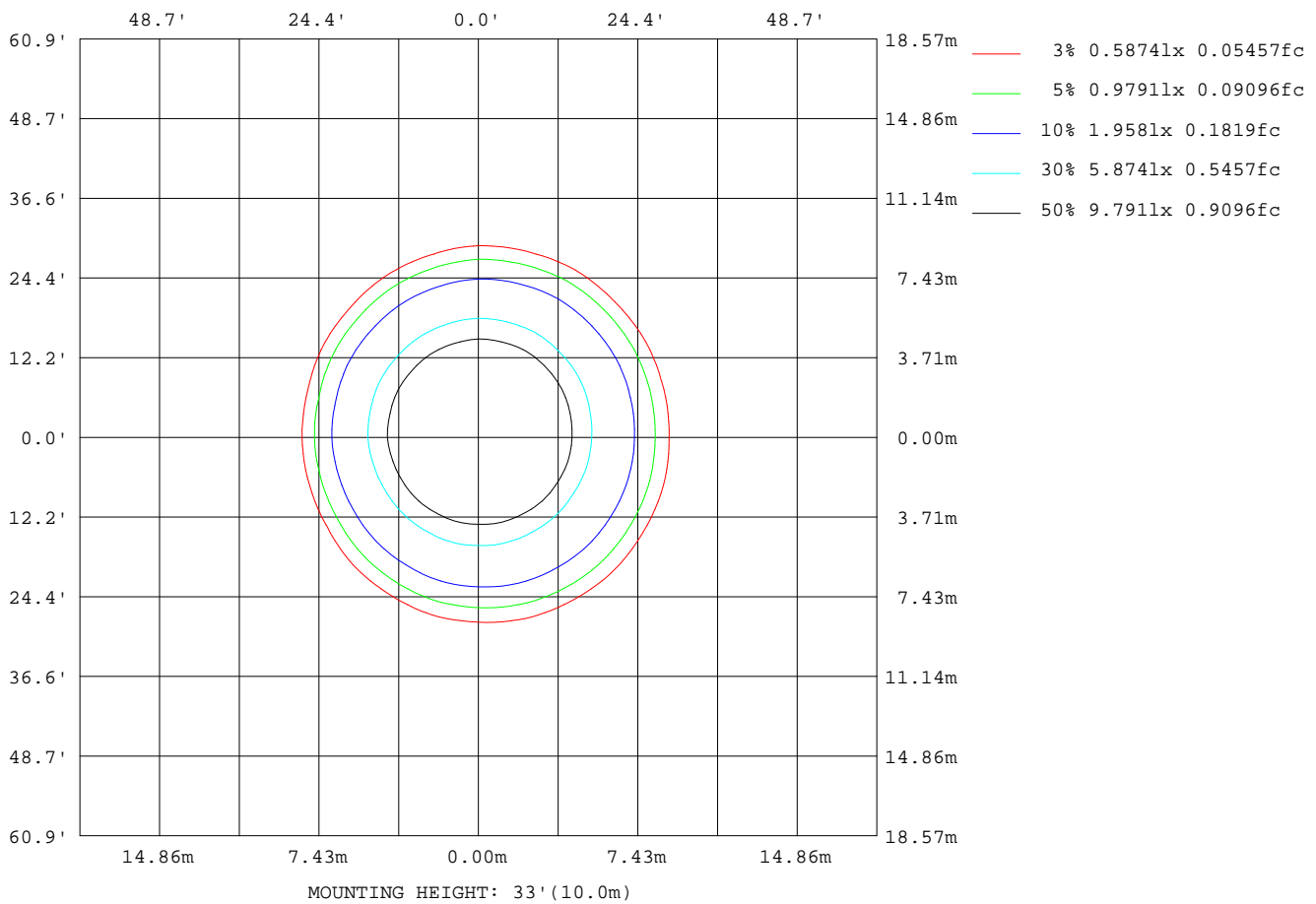
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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**ISOLUX DIAGRAM**

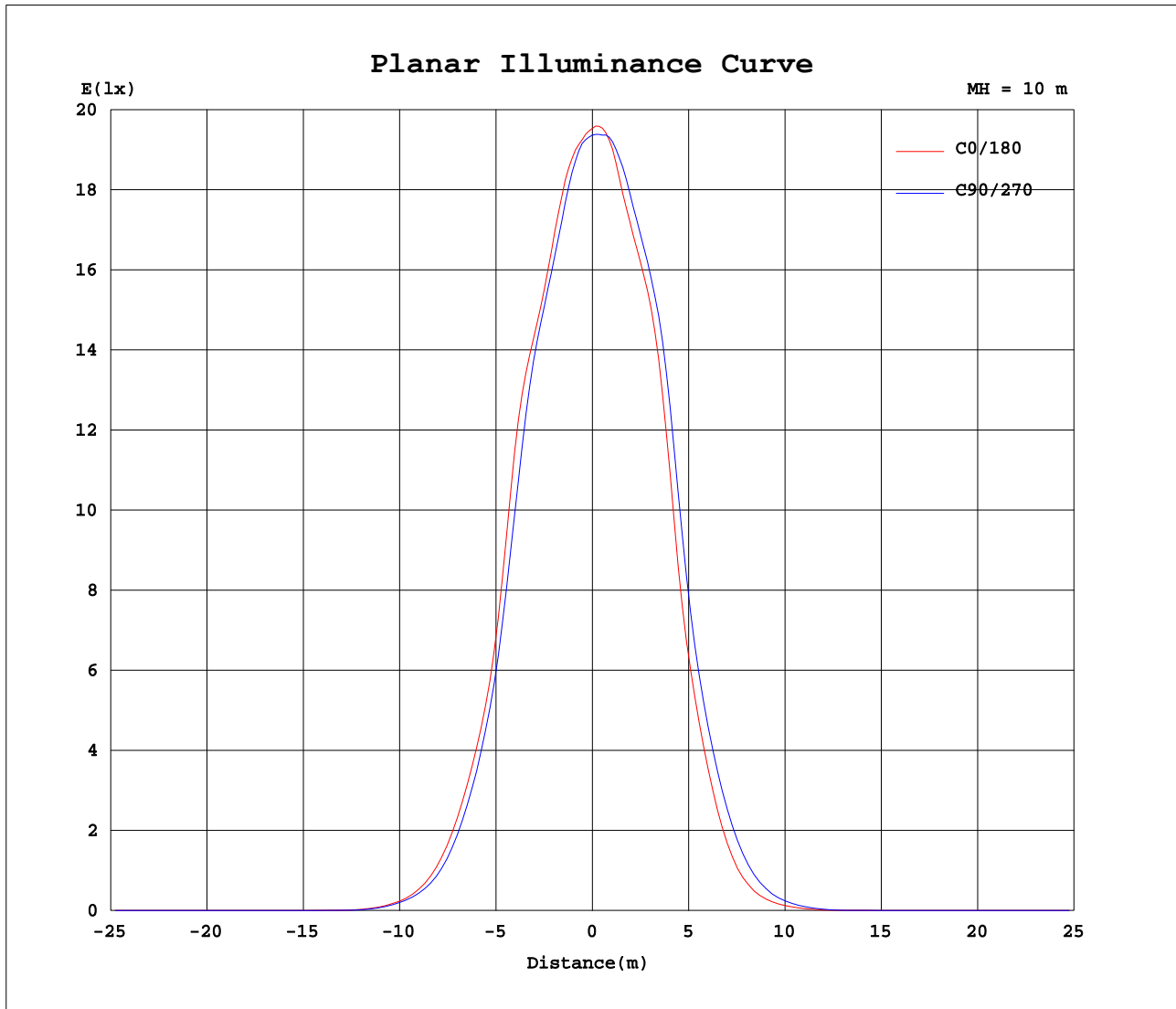
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### Planar Illuminance Curve



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Operators: Meng Yongjian  
Test Date: 2017-07-14

$\gamma$  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	1953	1951	1947	1944	1941	1939	1937	1935	1933	1931
3.0	1933	1931	1925	1924	1921	1923	1924	1923	1922	1924
6.0	1910	1900	1888	1881	1879	1879	1875	1876	1877	1884
9.0	1851	1835	1817	1808	1796	1797	1788	1794	1795	1804
12.0	1760	1737	1716	1706	1699	1702	1703	1716	1721	1732
15.0	1674	1649	1628	1619	1617	1623	1628	1642	1651	1675
18.0	1615	1583	1552	1545	1529	1532	1524	1537	1539	1567
21.0	1506	1475	1424	1398	1356	1345	1319	1319	1314	1342
24.0	1229	1201	1149	1131	1094	1084	1056	1056	1037	1051
27.0	915.3	889.3	851.5	842.2	820.0	816.8	800.8	803.7	784.6	787.1
30.0	702.8	685.0	659.3	650.5	636.2	629.1	613.2	608.4	590.4	587.3
33.0	533.1	520.3	503.2	493.9	477.7	466.9	447.0	438.3	418.1	408.1
36.0	369.8	363.6	352.0	345.2	329.2	318.0	299.1	288.6	268.1	256.6
39.0	231.1	229.5	221.7	218.5	206.5	197.5	182.9	174.0	158.2	148.4
42.0	130.0	132.6	127.1	127.0	118.9	113.9	106.1	100.1	89.97	81.54
45.0	66.97	68.20	66.40	66.21	62.67	60.73	57.62	54.59	47.96	42.80
48.0	29.16	29.41	27.59	27.47	25.21	24.94	22.95	22.22	19.13	17.70
51.0	7.506	7.264	6.342	6.229	5.406	5.198	4.552	4.509	4.032	4.235
54.0	2.878	2.748	2.505	2.439	2.254	2.225	2.162	2.197	2.151	2.433
57.0	1.534	1.484	1.361	1.327	1.262	1.260	1.251	1.295	1.247	1.481
60.0	0.8001	0.7704	0.6884	0.6895	0.6555	0.6721	0.6707	0.7225	0.7187	0.9303
63.0	0.3731	0.3489	0.3116	0.3075	0.2985	0.2944	0.3160	0.3754	0.3902	0.6093
66.0	0.2079	0.1727	0.1816	0.1771	0.2013	0.1879	0.2079	0.2730	0.3063	0.4567
69.0	0.1816	0.1442	0.1532	0.1464	0.1707	0.1464	0.1663	0.1682	0.2170	0.3295
72.0	0.1142	0.0830	0.0879	0.0896	0.1054	0.0831	0.0965	0.0918	0.1055	0.0962
75.0	0.0809	0.0765	0.0853	0.0875	0.0984	0.0831	0.0897	0.0918	0.1025	0.0962
78.0	0.0809	0.0765	0.0831	0.0896	0.0940	0.0853	0.0896	0.0918	0.0984	0.0984
81.0	0.0744	0.0765	0.0809	0.0896	0.0940	0.0896	0.0896	0.0918	0.0984	0.0984
84.0	0.0743	0.0765	0.0809	0.0918	0.0940	0.0897	0.0896	0.0962	0.0984	0.0984
87.0	0.0743	0.0765	0.0809	0.0918	0.0940	0.0962	0.0896	0.0962	0.0984	0.0984
90.0	0.0743	0.0765	0.0809	0.0918	0.0962	0.0962	0.0984	0.0984	0.0984	0.0984

G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	1930	1927	1951	1947	1941	1944	1939	1937	1937	1935
3.0	1926	1931	1962	1960	1959	1957	1955	1951	1945	1939
6.0	1886	1894	1933	1940	1943	1948	1954	1955	1952	1944
9.0	1807	1819	1858	1870	1888	1899	1915	1922	1926	1921
12.0	1743	1765	1802	1813	1833	1852	1867	1880	1878	1869
15.0	1691	1715	1759	1777	1794	1813	1833	1839	1836	1823
18.0	1587	1624	1681	1707	1741	1761	1781	1785	1784	1773
21.0	1351	1394	1468	1495	1548	1574	1631	1631	1654	1645
24.0	1045	1071	1129	1149	1208	1238	1299	1327	1370	1369
27.0	783.7	805.1	851.4	869.0	916.5	941.1	987.1	1012	1054	1050
30.0	579.7	594.7	631.8	648.5	690.0	712.5	750.9	769.8	803.2	801.4
33.0	394.0	401.4	425.7	439.4	475.9	502.4	536.4	557.9	590.2	593.9
36.0	239.3	240.1	253.4	261.2	290.4	312.8	345.2	368.5	399.3	405.3
39.0	133.5	133.3	138.7	140.5	159.2	175.1	199.5	218.4	242.8	247.6
42.0	71.76	68.75	70.50	72.73	82.63	92.07	106.0	118.5	135.3	135.9
45.0	36.59	34.82	35.50	36.21	41.59	46.04	53.94	60.39	68.31	70.14
48.0	15.04	14.40	15.15	15.37	17.74	19.69	23.56	26.33	30.92	31.66
51.0	3.857	3.920	4.107	4.102	4.734	4.935	5.988	6.460	7.923	8.251
54.0	2.338	2.393	2.443	2.480	2.497	2.510	2.570	2.589	2.690	2.740
57.0	1.398	1.421	1.447	1.485	1.447	1.491	1.556	1.564	1.610	1.599
60.0	0.8325	0.8100	0.8160	0.8671	0.7765	0.7952	0.8420	0.8367	0.8660	0.8542
63.0	0.5039	0.4541	0.4253	0.4603	0.3618	0.3793	0.4141	0.4100	0.4229	0.4143
66.0	0.4090	0.3520	0.2710	0.2713	0.1814	0.1948	0.1857	0.1993	0.1858	0.2015
69.0	0.3219	0.3411	0.2470	0.2035	0.1464	0.1662	0.1420	0.1663	0.1594	0.1837
72.0	0.1046	0.3192	0.1930	0.1402	0.1023	0.1139	0.0938	0.1183	0.1134	0.1423
75.0	0.0918	0.0853	0.0633	0.0722	0.0524	0.0678	0.0524	0.0744	0.0546	0.0722
78.0	0.0918	0.0853	0.0481	0.0656	0.0437	0.0634	0.0459	0.0678	0.0481	0.0722
81.0	0.0918	0.0875	0.0459	0.0634	0.0415	0.0591	0.0415	0.0656	0.0459	0.0656
84.0	0.0918	0.0918	0.0437	0.0569	0.0415	0.0547	0.0415	0.0590	0.0415	0.0634
87.0	0.0918	0.0940	0.0437	0.0503	0.0415	0.0546	0.0415	0.0503	0.0415	0.0590
90.0	0.0918	0.0918	0.0437	0.0459	0.0415	0.0437	0.0415	0.0437	0.0415	0.0415

G/C	300.0	315.0	330.0	345.0
0.0	1933	1931	1930	1927
3.0	1933	1925	1918	1912
6.0	1936	1925	1912	1898
9.0	1908	1891	1872	1850
12.0	1854	1828	1801	1765
15.0	1801	1762	1726	1688
18.0	1750	1708	1670	1630
21.0	1638	1600	1571	1524

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
 Test Date: 2017-07-14

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:

Photometric Data Table [cd]

24.0	1376	1335	1312	1265
27.0	1059	1021	1001	952.4
30.0	807.7	782.9	767.1	730.8
33.0	605.1	588.9	579.3	551.5
36.0	418.1	407.0	401.6	383.9
39.0	258.0	251.3	249.0	238.8
42.0	144.4	137.4	140.5	133.0
45.0	72.40	69.38	70.12	67.95
48.0	32.96	31.05	31.49	30.20
51.0	9.358	8.745	9.145	8.117
54.0	2.889	3.019	3.117	2.934
57.0	1.671	1.682	1.732	1.627
60.0	0.8965	0.8936	0.9030	0.8630
63.0	0.4447	0.4406	0.4404	0.4144
66.0	0.1967	0.2190	0.2055	0.2167
69.0	0.1704	0.1881	0.1836	0.1925
72.0	0.1329	0.1510	0.1434	0.1381
75.0	0.0481	0.0656	0.0590	0.0744
78.0	0.0459	0.0634	0.0481	0.0678
81.0	0.0437	0.0590	0.0459	0.0634
84.0	0.0415	0.0547	0.0459	0.0591
87.0	0.0415	0.0546	0.0459	0.0547
90.0	0.0415	0.0459	0.0459	0.0503

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-07-14

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: