

LED Downlight FUSION Series FF3-7W-830-24D Specular



Light Output Ratio:	100.0%	
Luminaire Power:	8.335 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: Cao Chengpei  
Test Date: 2016-06-24

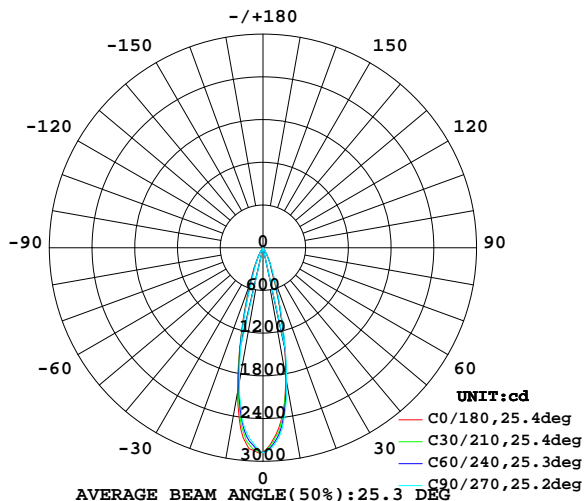
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 53.0%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

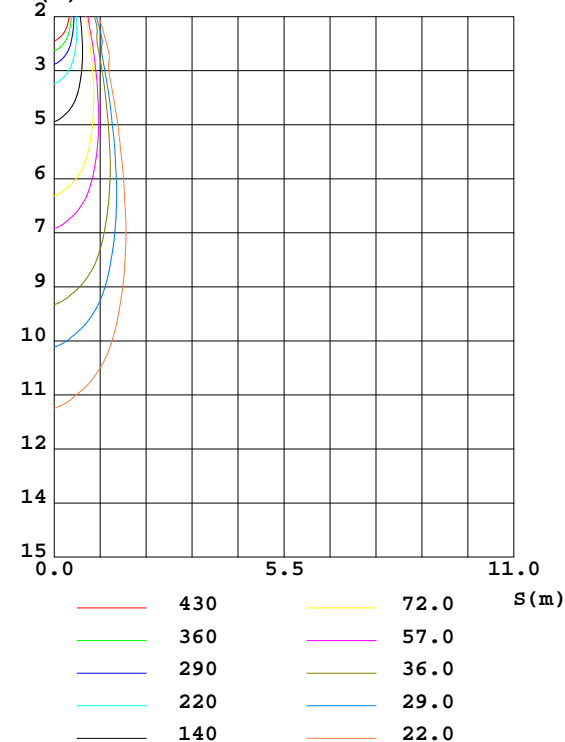
Test:U:220.6V I:0.0462A P:8.335W PF:0.8180 Lamp Flux:649.883x1 lm		
NAME: FF3-7W-830-24D Specular	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L98mm*W45mm*H60mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 77.97 lm/W			
MODEL	CREE-3000K	I <sub>max</sub> (cd)	2887	S/MH(C0/180)	0.44
NOMINAL POWER(W)	8.5	LOR(%)	100.0	S/MH(C90/270)	0.42
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	649.88	η UP,DN(C0-180)	0.0,50.2
NOMINAL FLUX(lm)	649.883	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.8
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



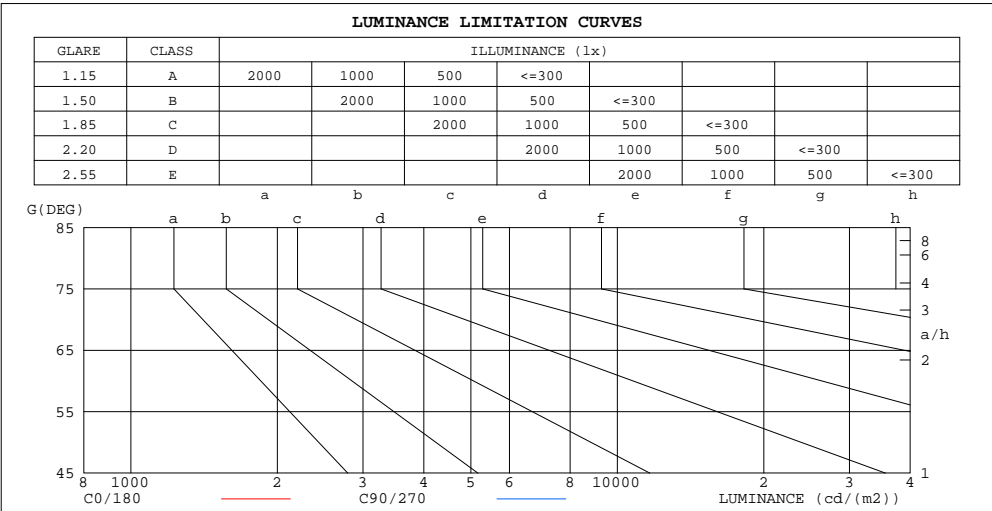
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Cao Chengpei  
Test Date:2016-06-24

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity:53.0%  
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	1840	1902	1925	2040	2061	1970	1921	1899	0- 10	230.3	230.3	35.4,35.4
20	393.6	449.9	478.9	542.9	523.7	473.9	421.9	400.3	10- 20	289.0	519.3	79.9,79.9
30	93.24	92.31	88.99	109.0	106.5	102.7	96.69	96.06	20- 30	107.4	626.8	96.4,96.4
40	3.178	3.752	4.327	5.943	6.387	5.265	4.240	3.152	30- 40	21.41	648.2	99.7,99.7
50	0.5822	0.6238	0.6225	0.6578	0.6279	0.5287	0.4171	0.4221	40- 50	0.9765	649.2	99.9,99.9
60	0.2686	0.2767	0.2815	0.2746	0.2958	0.2600	0.2001	0.2153	50- 60	0.3475	649.5	99.9,99.9
70	0.1428	0.1234	0.1215	0.1235	0.1490	0.1449	0.1022	0.1321	60- 70	0.1839	649.7	100,100
80	0.0896	0.0383	0.0661	0.0468	0.0724	0.0703	0.0554	0.0682	70- 80	0.1022	649.8	100,100
90	0.0447	0.0383	0.0426	0.0405	0.0405	0.0405	0.0383	0.0405	80- 90	0.0637	649.9	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		



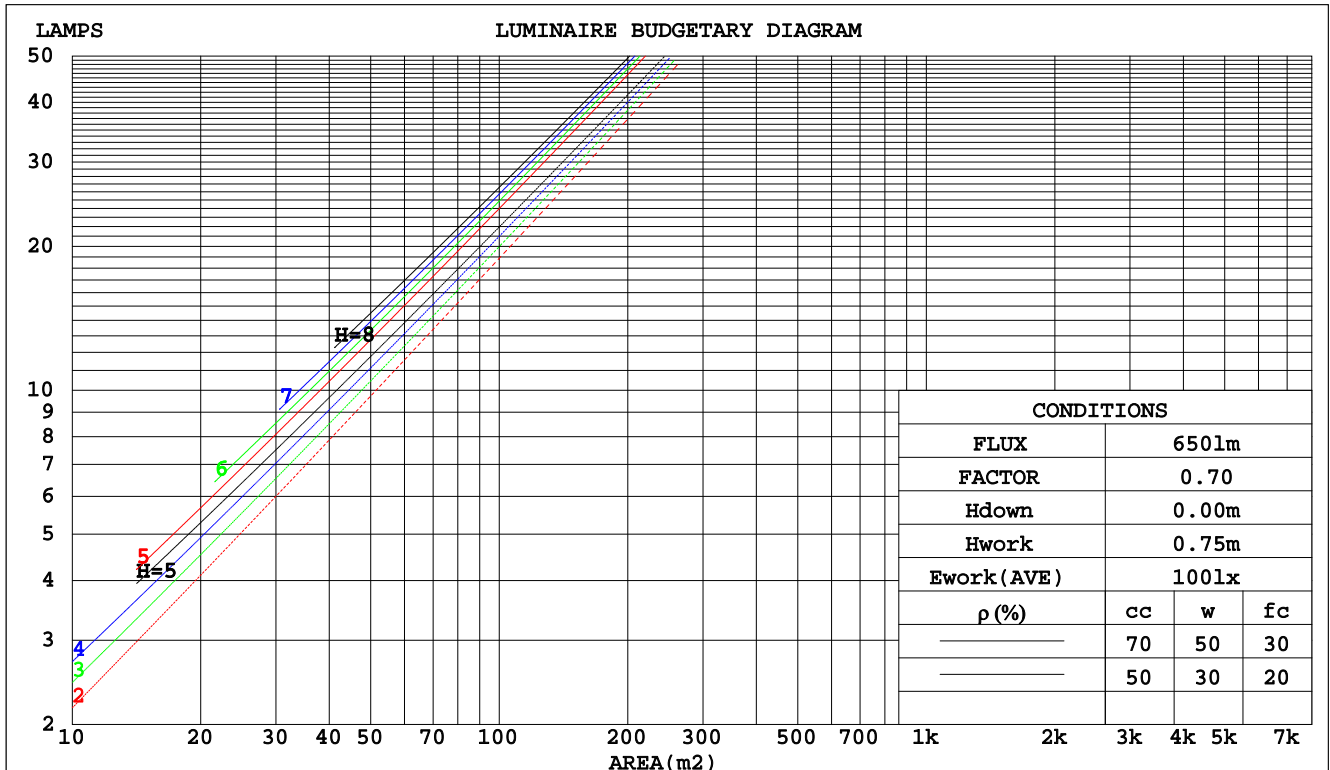
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Temperature:25.3DEG  
Operators:Cao Chengpei  
Test Date:2016-06-24

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity:53.0%  
Test Distance:5.850m [K=1.0000]  
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.6V I:0.0462A P:8.335W PF:0.8180 Lamp Flux:649.883x1 lm		
NAME: FF3-7W-830-24D Specular	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L98mm*W45mm*H60mm	
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	Coefficients of Utilization(CU)															
	RCR:Room Cavity Ratio															
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	1.11	1.09	1.11	1.09	1.08	1.07	1.06	1.04	1.03	1.02	1.01	.00	.99	.98	.97
2.0	1.08	1.05	1.02	1.06	1.03	1.01	1.03	1.01	.99	1.00	.98	.97	.98	.96	.95	.94
3.0	1.03	.00	.97	1.02	.99	.96	.00	.97	.95	.97	.95	.93	.95	.93	.92	.91
4.0	.99	.95	.92	.98	.95	.92	.96	.93	.91	.94	.92	.90	.93	.91	.89	.88
5.0	.96	.92	.89	.95	.91	.88	.93	.90	.88	.92	.89	.87	.90	.88	.86	.85
6.0	.93	.88	.85	.92	.88	.85	.91	.87	.85	.89	.86	.84	.88	.86	.84	.83
7.0	.90	.85	.83	.89	.85	.82	.88	.84	.82	.87	.84	.82	.86	.83	.81	.80
8.0	.87	.83	.80	.86	.83	.80	.85	.82	.80	.85	.82	.79	.84	.81	.79	.78
9.0	.84	.80	.78	.84	.80	.78	.83	.80	.77	.82	.79	.77	.82	.79	.77	.76
10.0	.82	.78	.75	.82	.78	.75	.81	.78	.75	.80	.77	.75	.80	.77	.75	.74



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γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity:53.0%  
Test Distance:5.850m [K=1.0000]  
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WEC AND CCEC

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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	.135	.077	.024	.129	.073	.023	.116	.067	.021	.105	.060	.019	.094	.055	.018	
2.0	.125	.069	.021	.120	.066	.020	.109	.061	.019	.100	.056	.018	.091	.052	.016	
3.0	.117	.062	.019	.112	.060	.018	.104	.056	.017	.096	.052	.016	.088	.049	.015	
4.0	.109	.057	.017	.105	.055	.016	.098	.052	.016	.092	.049	.015	.085	.046	.014	
5.0	.103	.052	.015	.100	.051	.015	.094	.049	.014	.088	.046	.014	.083	.044	.013	
6.0	.098	.049	.014	.095	.048	.014	.089	.046	.013	.085	.044	.013	.080	.042	.013	
7.0	.093	.046	.013	.090	.045	.013	.086	.043	.012	.081	.042	.012	.077	.040	.012	
8.0	.088	.043	.012	.086	.042	.012	.082	.041	.012	.079	.040	.011	.075	.039	.011	
9.0	.085	.041	.011	.083	.040	.011	.079	.039	.011	.076	.038	.011	.073	.037	.011	
10.0	.081	.039	.011	.079	.038	.011	.076	.037	.011	.073	.036	.010	.071	.035	.010	

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	.148	.144	.135	.128	.098	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.150	.133	.118	.128	.114	.102	.088	.079	.071	.051	.046	.042	.016	.015	.014	
3.0	.135	.113	.096	.116	.098	.083	.079	.068	.058	.046	.040	.034	.015	.013	.011	
4.0	.122	.098	.079	.105	.085	.069	.072	.059	.048	.042	.035	.029	.013	.011	.009	
5.0	.112	.086	.066	.096	.074	.058	.066	.052	.041	.038	.030	.024	.012	.010	.008	
6.0	.103	.076	.056	.088	.065	.049	.061	.046	.034	.035	.027	.020	.011	.009	.007	
7.0	.095	.067	.048	.082	.058	.042	.057	.041	.029	.033	.024	.018	.011	.008	.006	
8.0	.089	.061	.041	.076	.053	.036	.053	.037	.025	.031	.022	.015	.010	.007	.005	
9.0	.083	.055	.036	.072	.048	.031	.050	.033	.022	.029	.020	.013	.009	.006	.004	
10.0	.078	.050	.031	.068	.044	.027	.047	.031	.019	.027	.018	.012	.009	.006	.004	

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γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
 Humidity:53.0%  
 Test Distance:5.850m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.6V I:0.0462A P:8.335W PF:0.8180 Lamp Flux:649.883x1 lm										
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SPEC.:3000K					DIM.: L98mm*W45mm*H60mm					
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	3.5	4.1	3.7	4.3	4.4	4.6	5.2	4.8	5.3	5.5
3H	3.4	3.9	3.6	4.1	4.3	4.4	5.0	4.7	5.2	5.4
4H	3.3	3.8	3.5	4.1	4.3	4.3	4.9	4.6	5.1	5.3
6H	3.2	3.7	3.5	4.0	4.2	4.3	4.8	4.5	5.0	5.3
8H	3.2	3.7	3.5	3.9	4.2	4.2	4.7	4.5	5.0	5.2
12H	3.1	3.6	3.4	3.9	4.1	4.2	4.7	4.5	4.9	5.2
4H 2H	3.3	3.8	3.5	4.0	4.3	4.3	4.9	4.6	5.1	5.3
3H	3.1	3.6	3.4	3.9	4.1	4.2	4.7	4.5	4.9	5.2
4H	3.0	3.5	3.4	3.8	4.1	4.1	4.5	4.4	4.8	5.1
6H	2.9	3.3	3.3	3.7	4.0	4.0	4.4	4.3	4.7	5.1
8H	2.9	3.3	3.3	3.6	4.0	3.9	4.3	4.3	4.7	5.0
12H	2.8	3.2	3.2	3.6	3.9	3.9	4.3	4.3	4.6	5.0
8H 4H	2.9	3.2	3.3	3.6	4.0	3.9	4.3	4.3	4.6	5.0
6H	2.8	3.1	3.2	3.5	3.9	3.8	4.1	4.2	4.5	4.9
8H	2.7	3.0	3.2	3.4	3.8	3.8	4.1	4.2	4.5	4.9
12H	2.7	2.9	3.1	3.3	3.8	3.8	4.0	4.2	4.4	4.9
12H 4H	2.8	3.2	3.2	3.5	3.9	3.9	4.2	4.3	4.6	5.0
6H	2.7	3.0	3.2	3.4	3.8	3.8	4.0	4.2	4.5	4.9
8H	2.7	2.9	3.1	3.3	3.8	3.7	4.0	4.2	4.4	4.9
Variations with the observer position at spacings:										
S = 1.0H	+ 4.6 / - 8.0					+ 5.1 / - 8.0				
1.5H	+ 7.3 / - 7.2					+ 7.8 / - 7.4				
2.0H	+ 1.7 / - 1.1					+ 1.0 / - 0.8				

CIE Pub.117 Corrected 649.9 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.5)

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 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity:53.0%  
Test Distance:5.850m [K=1.0000]  
Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.6V I:0.0462A P:8.335W PF:0.8180 Lamp Flux:649.883x1 lm		
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SPEC.:3000K	DIM.: L98mm*W45mm*H60mm	
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	86	82	91	86	82	90	85	82	79
0.80	98	93	90	98	93	90	97	92	89	86
1.00	102	97	94	101	97	94	100	96	93	90
1.25	105	101	98	104	100	97	103	99	97	93
1.50	108	104	101	107	103	100	105	102	99	95
2.00	110	106	103	109	105	103	106	103	101	96
2.50	111	108	105	110	107	104	107	104	103	97
3.00	113	110	107	111	108	106	108	106	104	98
4.00	115	112	110	113	111	109	109	107	106	99
5.00	116	114	112	114	112	111	110	109	108	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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MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

648.91 lm

%lum = 99.9%

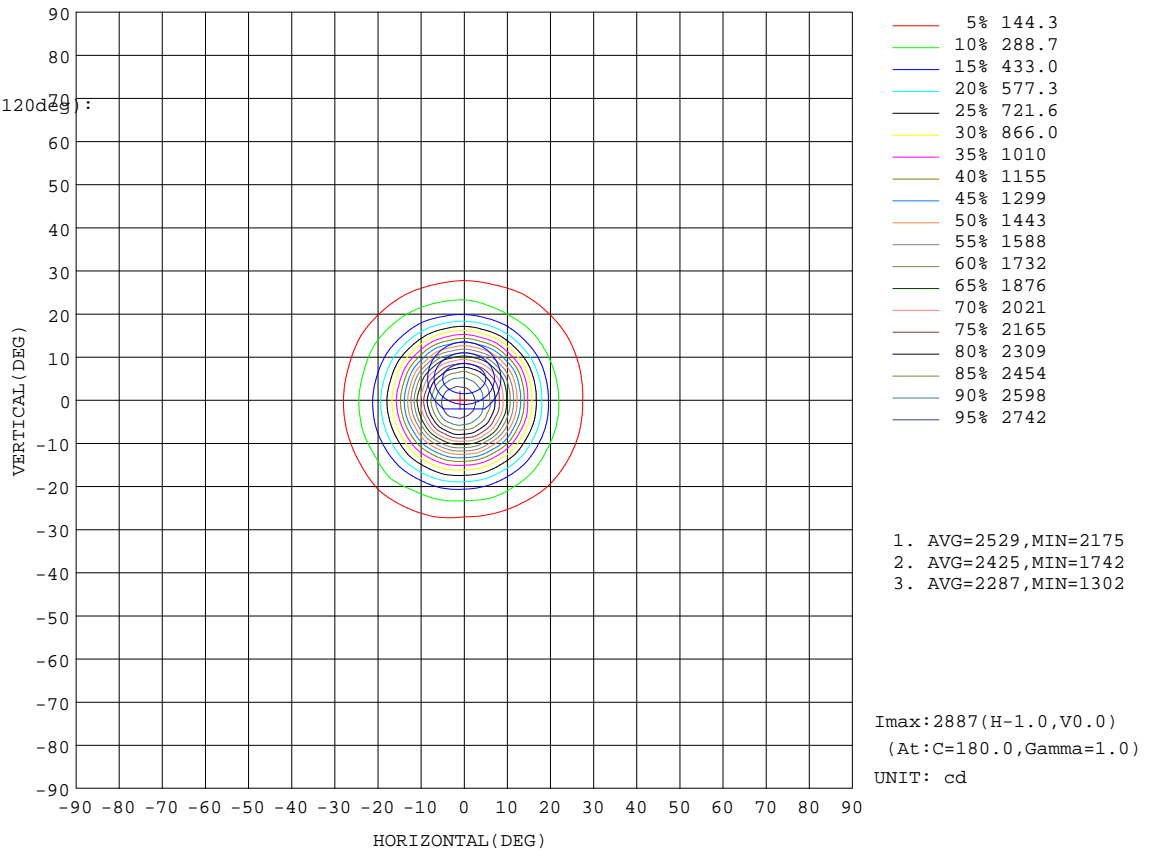
%lamp = 99.9%

Conical surface Flux(120deg):

649.53 lm

%lum = 99.9%

%lamp = 99.9%



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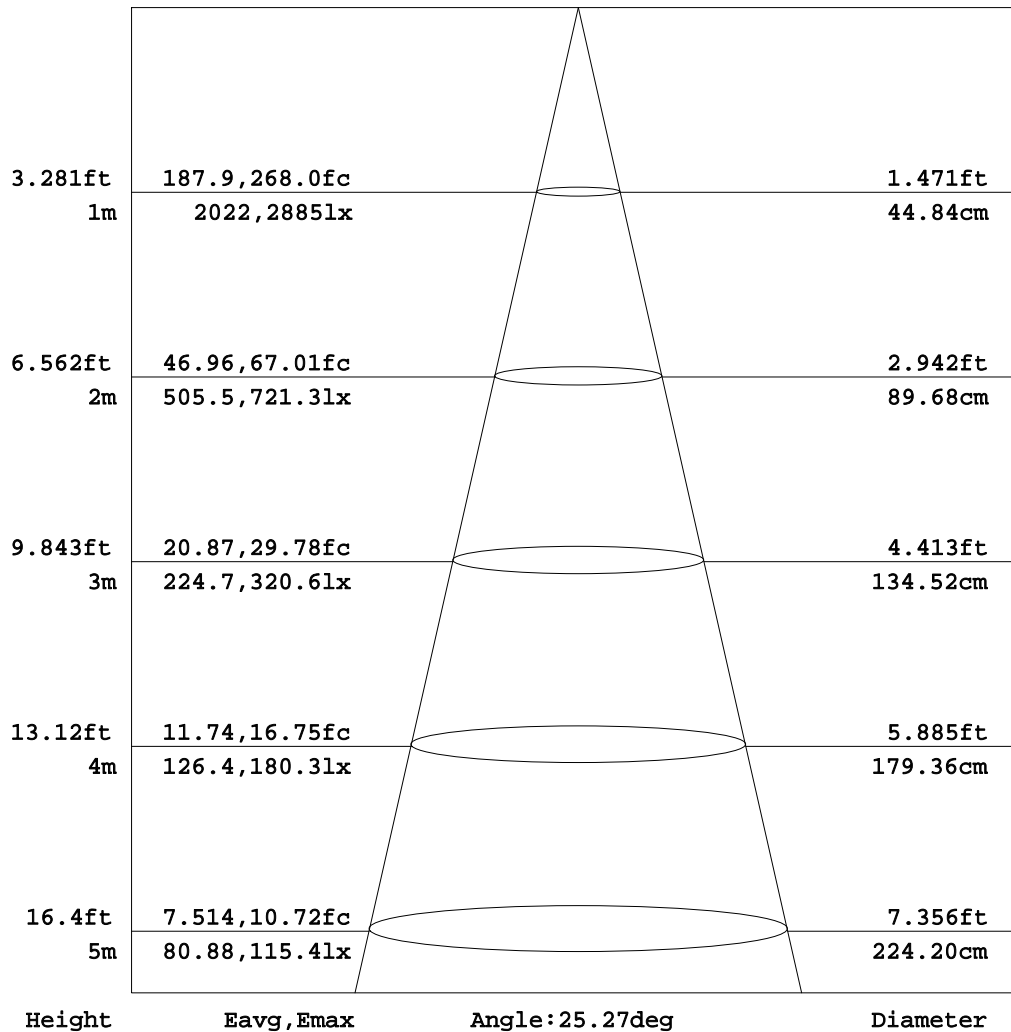
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AAI Figure

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Flux out:338.6 lm



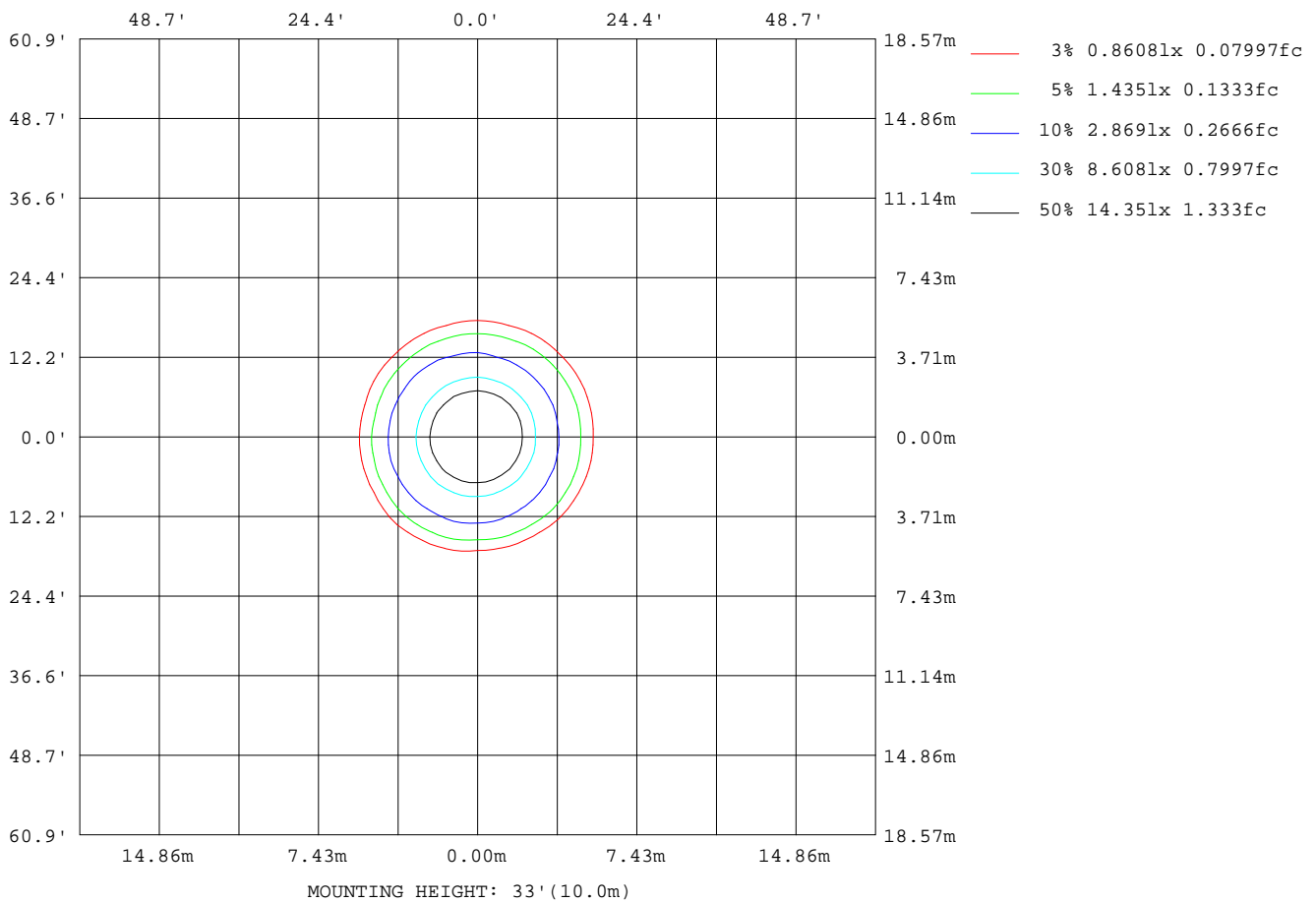
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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ISOLUX DIAGRAM

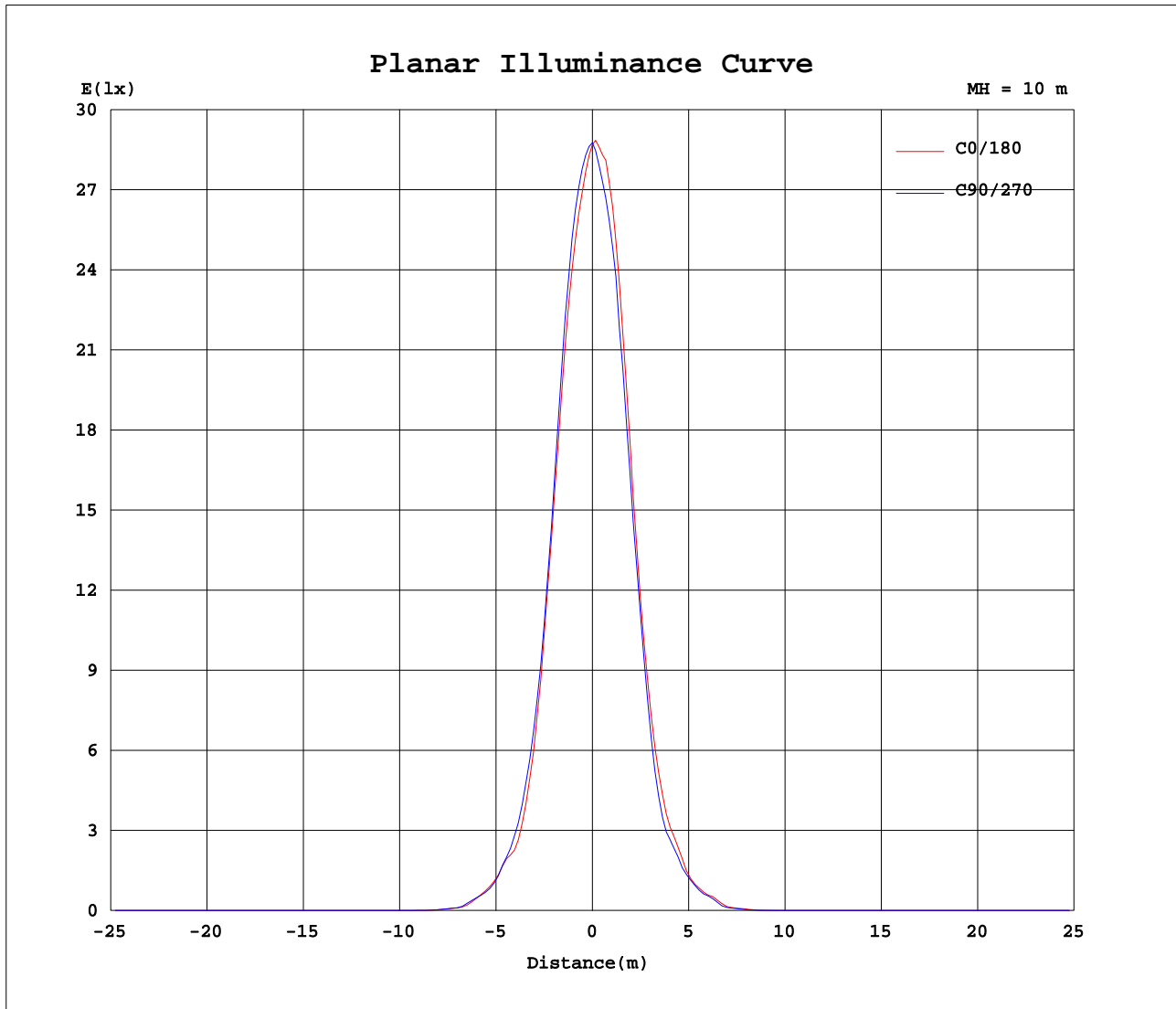
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## Planar Illuminance Curve



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```

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	2869	2874	2872	2876	2875	2876	2877	2877	2877	2874
3.0	2701	2734	2730	2752	2761	2774	2790	2819	2829	2866
6.0	2441	2487	2461	2510	2517	2547	2561	2603	2620	2658
9.0	2020	2044	2043	2075	2075	2125	2115	2172	2166	2224
12.0	1485	1499	1504	1525	1504	1552	1535	1586	1599	1647
15.0	958.1	995.3	977.9	1009	998.3	1020	1020	1070	1086	1123
18.0	576.3	591.2	604.3	627.5	623.5	653.1	658.6	696.3	700.6	727.7
21.0	326.7	340.8	348.8	369.0	373.4	393.5	405.5	431.3	438.9	461.8
24.0	254.9	261.0	266.0	270.4	269.6	273.4	262.5	277.9	284.8	311.9
27.0	155.1	158.7	158.8	157.6	147.9	145.6	145.6	167.6	174.5	184.2
30.0	93.24	94.06	91.59	92.31	89.22	89.03	88.99	94.53	99.51	109.0
33.0	35.58	40.42	42.58	43.93	41.22	45.88	46.95	50.52	53.92	57.78
36.0	15.68	16.30	16.04	16.87	16.15	16.21	16.60	17.63	19.96	21.28
39.0	5.800	5.983	5.893	6.239	6.007	6.267	6.499	7.397	8.281	10.25
42.0	1.745	1.827	1.749	1.720	1.647	1.690	1.728	1.947	2.074	2.260
45.0	0.8725	0.8899	0.8874	0.8602	0.8382	0.7964	0.8238	0.8749	0.9269	1.007
48.0	0.6823	0.6961	0.7184	0.7132	0.7183	0.6878	0.7013	0.7068	0.7504	0.7622
51.0	0.5374	0.5492	0.5757	0.5812	0.5970	0.5770	0.5821	0.5748	0.6119	0.6088
54.0	0.4264	0.4301	0.4605	0.4641	0.4882	0.4663	0.4733	0.4577	0.4883	0.4747
57.0	0.3390	0.3321	0.3646	0.3598	0.3817	0.3619	0.3689	0.3534	0.3796	0.3619
60.0	0.2686	0.2618	0.2878	0.2767	0.2964	0.2703	0.2815	0.2661	0.2900	0.2746
63.0	0.2175	0.2065	0.2324	0.2086	0.2261	0.2000	0.2112	0.1979	0.2239	0.2107
66.0	0.1833	0.1640	0.1876	0.1640	0.1770	0.1448	0.1621	0.1511	0.1770	0.1618
69.0	0.1534	0.1342	0.1577	0.1299	0.1407	0.1086	0.1280	0.1171	0.1450	0.1299
72.0	0.1342	0.1150	0.1301	0.0979	0.1109	0.0852	0.1066	0.0915	0.1173	0.1086
75.0	0.1194	0.1022	0.1130	0.0745	0.0896	0.0660	0.0895	0.0724	0.0960	0.0852
78.0	0.1023	0.0724	0.0853	0.0510	0.0640	0.0725	0.0704	0.0747	0.0683	0.0639
81.0	0.0831	0.0553	0.0619	0.0383	0.0554	0.1088	0.0660	0.1237	0.0618	0.0426
84.0	0.0682	0.0405	0.0406	0.0383	0.0575	0.1491	0.0660	0.1704	0.0596	0.0405
87.0	0.0533	0.0426	0.0383	0.0383	0.0470	0.0426	0.0428	0.0426	0.0407	0.0405
90.0	0.0447	0.0447	0.0383	0.0383	0.0447	0.0447	0.0426	0.0426	0.0405	0.0405

G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	2873	2868	2874	2876	2875	2876	2877	2877	2877	2874
3.0	2856	2863	2843	2827	2825	2795	2772	2745	2743	2732
6.0	2659	2683	2681	2646	2610	2580	2564	2537	2527	2499
9.0	2213	2228	2244	2184	2181	2133	2139	2096	2107	2076
12.0	1624	1646	1656	1632	1635	1582	1600	1548	1556	1531
15.0	1105	1110	1121	1089	1099	1072	1073	1044	1052	1016
18.0	709.9	709.1	713.3	684.6	684.9	652.5	646.3	624.6	609.1	599.1
21.0	455.5	453.4	445.6	430.0	425.2	403.9	397.0	372.3	362.9	342.0
24.0	296.3	309.8	311.0	297.6	307.8	288.1	276.1	256.9	263.1	253.3
27.0	174.1	173.6	170.5	163.3	167.0	162.5	163.4	160.3	162.1	157.1
30.0	105.7	105.7	106.5	104.9	106.5	102.7	100.9	97.02	96.69	94.37
33.0	60.42	60.58	65.79	67.05	65.35	61.64	61.85	55.06	52.06	43.90
36.0	20.24	20.49	20.84	20.52	20.66	19.99	19.36	17.83	17.43	16.47
39.0	9.869	9.368	9.398	8.451	8.615	7.647	7.312	6.493	6.426	5.881
42.0	2.285	2.313	2.467	2.273	2.269	1.966	1.831	1.619	1.563	1.490
45.0	1.008	0.9958	1.036	0.9246	0.9023	0.8068	0.7108	0.6678	0.6215	0.6188
48.0	0.7782	0.7345	0.7385	0.7077	0.6768	0.6224	0.5448	0.5243	0.4853	0.4860
51.0	0.6290	0.5833	0.5810	0.5522	0.5193	0.4882	0.4278	0.4242	0.3852	0.3901
54.0	0.5011	0.4663	0.4598	0.4370	0.4066	0.3901	0.3448	0.3432	0.3108	0.3219
57.0	0.3923	0.3704	0.3640	0.3538	0.3256	0.3134	0.2767	0.2813	0.2490	0.2600
60.0	0.3070	0.2959	0.2958	0.2920	0.2597	0.2600	0.2235	0.2344	0.2001	0.2153
63.0	0.2473	0.2342	0.2384	0.2451	0.2129	0.2153	0.1809	0.1961	0.1640	0.1812
66.0	0.1983	0.1959	0.1979	0.2089	0.1767	0.1833	0.1511	0.1663	0.1384	0.1556
69.0	0.1726	0.1597	0.1639	0.1726	0.1427	0.1534	0.1235	0.1407	0.1128	0.1300
72.0	0.1386	0.1277	0.1342	0.1471	0.1191	0.1258	0.0979	0.1172	0.0915	0.1108
75.0	0.1172	0.1022	0.1065	0.1236	0.0937	0.1087	0.0745	0.0938	0.0660	0.0874
78.0	0.0959	0.0767	0.0852	0.1002	0.0745	0.0832	0.0554	0.0704	0.0554	0.0661
81.0	0.0746	0.0596	0.0660	0.0831	0.0595	0.0640	0.0533	0.0809	0.0554	0.1063
84.0	0.0512	0.0447	0.0574	0.0661	0.0362	0.0469	0.0533	0.1276	0.0554	0.1766
87.0	0.0405	0.0405	0.0405	0.0405	0.0384	0.0469	0.0384	0.0412	0.0383	0.0437
90.0	0.0405	0.0405	0.0405	0.0405	0.0405	0.0405	0.0405	0.0383	0.0383	0.0405

G/C	300.0	315.0	330.0	345.0
0.0	2877	2874	2873	2868
3.0	2718	2701	2703	2695
6.0	2492	2468	2480	2456
9.0	2091	2066	2067	2046
12.0	1552	1535	1543	1503
15.0	1033	1006	1030	995.0
18.0	601.7	596.4	596.6	586.2
21.0	344.0	333.2	337.2	329.5

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Cao Chengpei  
Test Date: 2016-06-24

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 53.0%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

Photometric Data Table [cd]

24.0	249.3	256.4	249.8	253.7
27.0	166.9	162.5	164.7	160.3
30.0	97.79	96.06	98.64	96.27
33.0	43.22	38.12	35.03	33.94
36.0	17.21	16.62	16.94	16.15
39.0	6.258	6.055	6.437	6.006
42.0	1.533	1.471	1.587	1.631
45.0	0.6023	0.6252	0.6384	0.7337
48.0	0.4682	0.4881	0.4895	0.5713
51.0	0.3682	0.3944	0.3874	0.4562
54.0	0.2937	0.3176	0.3108	0.3688
57.0	0.2342	0.2621	0.2512	0.3047
60.0	0.1895	0.2153	0.2065	0.2515
63.0	0.1575	0.1854	0.1746	0.2153
66.0	0.1320	0.1620	0.1512	0.1854
69.0	0.1086	0.1406	0.1320	0.1641
72.0	0.0894	0.1214	0.1193	0.1471
75.0	0.0724	0.1066	0.1044	0.1385
78.0	0.0554	0.0832	0.0830	0.1109
81.0	0.0554	0.0597	0.0595	0.0895
84.0	0.0575	0.0448	0.0383	0.0682
87.0	0.0405	0.0447	0.0405	0.0405
90.0	0.0405	0.0405	0.0405	0.0405

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Cao Chengpei  
Test Date: 2016-06-24

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 53.0%  
Test Distance: 5.850m [K=1.0000]  
Remarks: