

LED Downlight FUCION Series FF5-11W-840-40D Black



Light Output Ratio:	100.0%	
Luminaire Power:	12.89 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.65	fine grid method.

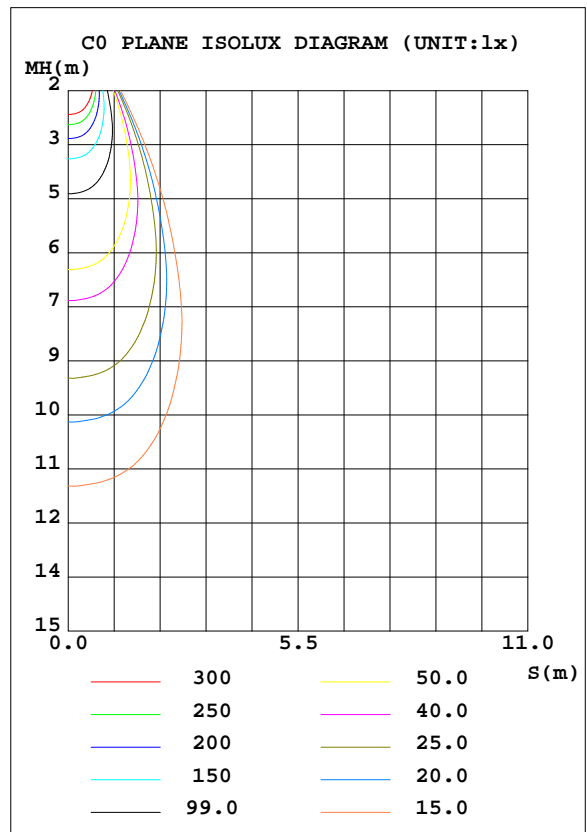
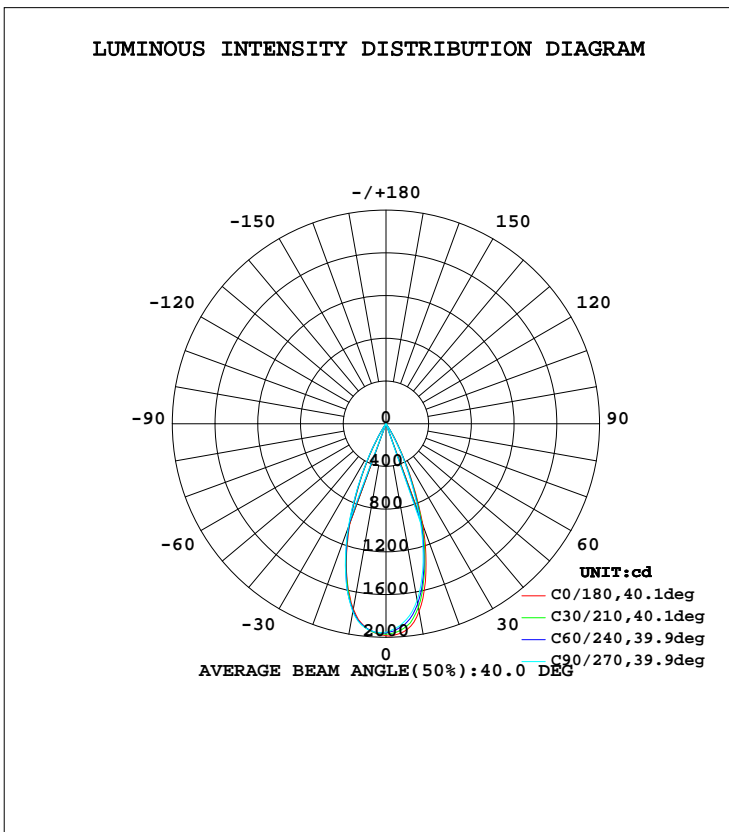
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-06-13

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:220.8V I:0.0648A P:12.89W PF:0.9014 Lamp Flux:830.036x1 lm		
NAME: FF5-11W-840-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L153mm*W45mm*H60mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 64.39 lm/W
MODEL	CREE-4000K	I _{max} (cd)	1988	S/MH(C0/180)	0.62	
NOMINAL POWER(W)	13.0	LOR(%)	100.0	S/MH(C90/270)	0.63	
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	830.04	η UP, DN(C0-180)	0.0, 48.2	
NOMINAL FLUX(lm)	830.036	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 51.8	
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	



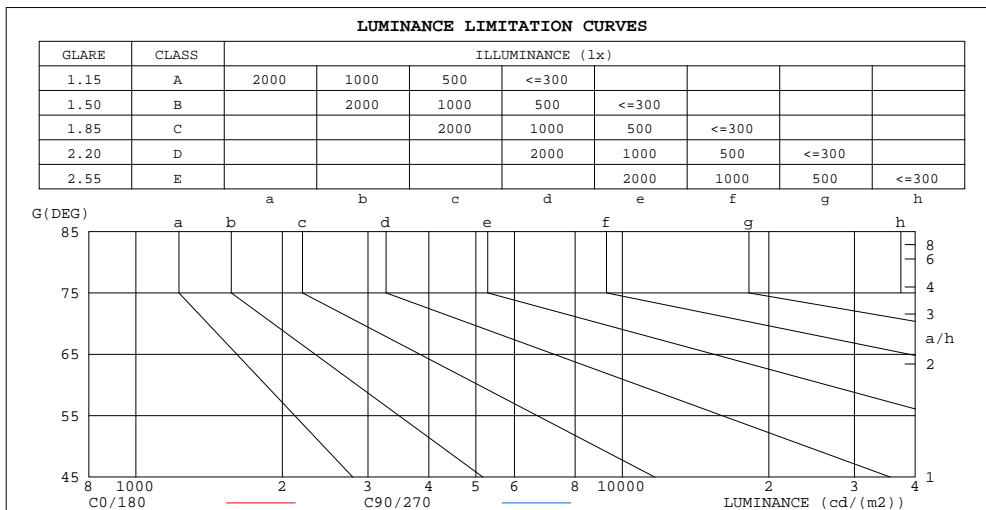
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γ Range: 0 - 90DEG
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 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
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**ZONAL FLUX DIAGRAM
AND LUMINANCE LIMITATION CURVES**

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	#lum,lamp
10	1786	1728	1681	1680	1761	1776	1790	1784	0- 10	177.4	177.4	21.4,21.4
20	1012	959.8	911.9	905.3	989.8	1007	1035	1027	10- 20	383.3	560.7	67.6,67.6
30	190.2	170.6	148.7	149.7	178.3	188.3	205.5	211.1	20- 30	239.4	800.1	96.4,96.4
40	3.238	3.182	2.700	2.779	3.326	3.397	3.588	3.844	30- 40	28.87	829.0	99.9,99.9
50	0.3284	0.3015	0.3064	0.3059	0.2993	0.2823	0.3255	0.3764	40- 50	0.6310	829.6	99.9,99.9
60	0.1619	0.1464	0.1728	0.1573	0.1486	0.1575	0.1573	0.1881	50- 60	0.2035	829.8	100,100
70	0.0919	0.0765	0.1072	0.0852	0.0699	0.0919	0.0852	0.1093	60- 70	0.1206	829.9	100,100
80	0.0525	0.0350	0.0635	0.0437	0.0262	0.0547	0.0371	0.0569	70- 80	0.0714	830.0	100,100
90	0.0350	0.0350	0.0372	0.0372	0.0219	0.0241	0.0219	0.0241	80- 90	0.0401	830.0	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	66	80
80	44	53
75	41	47
70	39	46
65	41	46
60	47	50
55	57	57
50	74	69
45	113	98

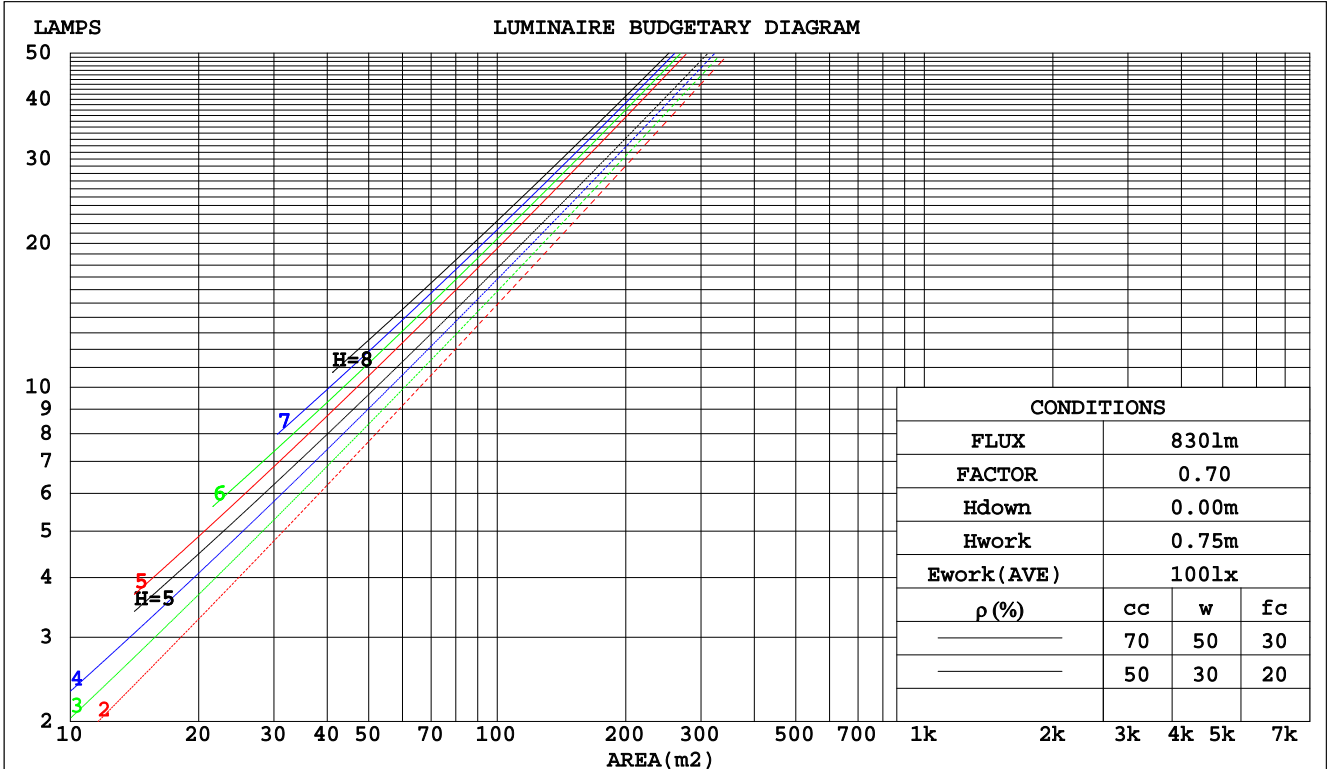
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γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity:52%
 Test Distance:5.850m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.8V I:0.0648A P:12.89W PF:0.9014 Lamp Flux:830.036x1 lm		
NAME: FF5-11W-840-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L153mm*W45mm*H60mm	
MFR.: NEKO LIGHTING AG		

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																
pfc																
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	1.07	1.06	1.05	1.03	1.03	1.01	1.00	.99	.98	.98	.96
2.0	1.07	1.03	1.01	1.05	1.02	.99	1.02	.99	.97	.99	.97	.95	.96	.95	.93	.92
3.0	1.01	.97	.94	1.00	.96	.94	.98	.95	.92	.95	.93	.91	.93	.91	.89	.88
4.0	.97	.92	.89	.96	.92	.89	.94	.90	.88	.92	.89	.87	.90	.88	.86	.84
5.0	.92	.88	.85	.92	.87	.84	.90	.86	.83	.88	.85	.83	.87	.84	.82	.81
6.0	.89	.84	.81	.88	.84	.80	.87	.83	.80	.85	.82	.79	.84	.81	.79	.78
7.0	.85	.80	.77	.84	.80	.77	.83	.79	.77	.82	.79	.76	.81	.78	.76	.75
8.0	.82	.77	.74	.81	.77	.74	.80	.76	.73	.79	.76	.73	.78	.75	.73	.72
9.0	.79	.74	.71	.78	.74	.71	.77	.73	.71	.77	.73	.70	.76	.73	.70	.69
10.0	.76	.71	.68	.75	.71	.68	.75	.71	.68	.74	.70	.68	.73	.70	.68	.67



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WEC AND CCEC

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SPEC.:4000K	DIM.: L153mm*W45mm*H60mm	
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ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.147	.084	.026	.140	.080	.025	.128	.073	.023	.117	.067	.022	.106	.061	.020	
2.0	.137	.075	.023	.132	.073	.022	.122	.068	.021	.112	.063	.020	.103	.058	.018	
3.0	.129	.069	.021	.125	.067	.020	.116	.063	.019	.108	.059	.018	.100	.056	.017	
4.0	.122	.063	.019	.118	.062	.018	.111	.059	.018	.104	.056	.017	.098	.053	.016	
5.0	.116	.059	.017	.112	.058	.017	.106	.055	.016	.100	.053	.016	.095	.051	.015	
6.0	.110	.055	.016	.107	.054	.016	.102	.052	.015	.097	.050	.015	.092	.048	.014	
7.0	.105	.052	.015	.103	.051	.015	.098	.050	.014	.093	.048	.014	.089	.046	.014	
8.0	.101	.049	.014	.099	.049	.014	.094	.047	.013	.090	.046	.013	.087	.044	.013	
9.0	.097	.047	.013	.095	.046	.013	.091	.045	.013	.088	.044	.013	.084	.043	.012	
10.0	.093	.045	.012	.091	.044	.012	.088	.043	.012	.085	.042	.012	.082	.041	.012	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	.127	.099	.093	.088	.057	.054	.051	.018	.017	.016	
2.0	.152	.133	.117	.130	.114	.101	.089	.079	.070	.051	.046	.041	.016	.015	.013	
3.0	.137	.113	.094	.118	.098	.082	.081	.068	.057	.047	.040	.034	.015	.013	.011	
4.0	.125	.098	.077	.108	.085	.067	.074	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.116	.086	.064	.099	.074	.056	.068	.052	.039	.040	.031	.023	.013	.010	.008	
6.0	.107	.076	.054	.092	.066	.047	.064	.046	.033	.037	.027	.020	.012	.009	.007	
7.0	.100	.068	.046	.086	.059	.040	.059	.041	.028	.035	.024	.017	.011	.008	.006	
8.0	.094	.062	.040	.081	.054	.034	.056	.038	.024	.033	.022	.015	.011	.007	.005	
9.0	.089	.056	.034	.076	.049	.030	.053	.034	.021	.031	.020	.013	.010	.007	.004	
10.0	.084	.052	.030	.072	.045	.026	.050	.032	.019	.029	.019	.011	.010	.006	.004	

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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:

UGR(Unified Glare Rating) Table

Test:U:220.8V I:0.0648A P:12.89W PF:0.9014 Lamp Flux:830.036x1 lm		
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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	4.1	4.9	4.4	5.0	5.2	3.0	3.7	3.2	3.9	4.0
3H	4.0	4.7	4.2	4.9	5.0	2.8	3.5	3.1	3.7	3.9
4H	3.9	4.6	4.2	4.8	5.0	2.8	3.4	3.0	3.6	3.8
6H	3.8	4.4	4.1	4.7	4.9	2.7	3.3	3.0	3.5	3.8
8H	3.8	4.4	4.1	4.6	4.9	2.6	3.2	2.9	3.5	3.7
12H	3.7	4.3	4.0	4.6	4.8	2.6	3.1	2.9	3.4	3.7
4H 2H	3.9	4.6	4.2	4.8	5.0	2.8	3.4	3.0	3.6	3.8
3H	3.7	4.3	4.0	4.6	4.8	2.6	3.1	2.9	3.4	3.7
4H	3.6	4.2	4.0	4.4	4.7	2.5	3.0	2.8	3.3	3.6
6H	3.5	4.0	3.9	4.3	4.7	2.4	2.8	2.8	3.2	3.5
8H	3.5	3.9	3.9	4.3	4.6	2.3	2.8	2.7	3.1	3.5
12H	3.4	3.8	3.8	4.2	4.6	2.3	2.7	2.7	3.0	3.4
8H 4H	3.5	3.9	3.9	4.3	4.6	2.3	2.8	2.7	3.1	3.5
6H	3.4	3.7	3.8	4.1	4.5	2.2	2.6	2.7	3.0	3.4
8H	3.3	3.6	3.8	4.0	4.5	2.2	2.5	2.6	2.9	3.3
12H	3.3	3.5	3.7	4.0	4.4	2.1	2.4	2.6	2.8	3.3
12H 4H	3.4	3.8	3.8	4.2	4.6	2.3	2.7	2.7	3.0	3.4
6H	3.3	3.6	3.8	4.0	4.5	2.2	2.5	2.6	2.9	3.3
8H	3.3	3.5	3.7	4.0	4.4	2.1	2.4	2.6	2.8	3.3
Variations with the observer position at spacings:										
S = 1.0H	+ 5.6 / -10.1					+ 4.7 / - 7.8				
1.5H	+ 8.4 / - 9.6					+ 7.4 / - 7.4				
2.0H	+ 2.0 / - 0.8					+ 1.2 / - 0.7				

CIE Pub.117 Corrected 830.0 lm Total Lamp Luminous Flux. (8log(F/F0) = -0.6)

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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:

UTILIZATION FACTORS TABLE

Test:U:220.8V I:0.0648A P:12.89W PF:0.9014 Lamp Flux:830.036x1 lm		
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SPEC.:4000K	DIM.: L153mm*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	92	86	83	91	86	82	90	85	82	79
0.80	98	93	90	98	93	90	97	92	90	86
1.00	102	97	94	101	97	94	100	96	93	90
1.25	105	101	98	105	100	98	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	105	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

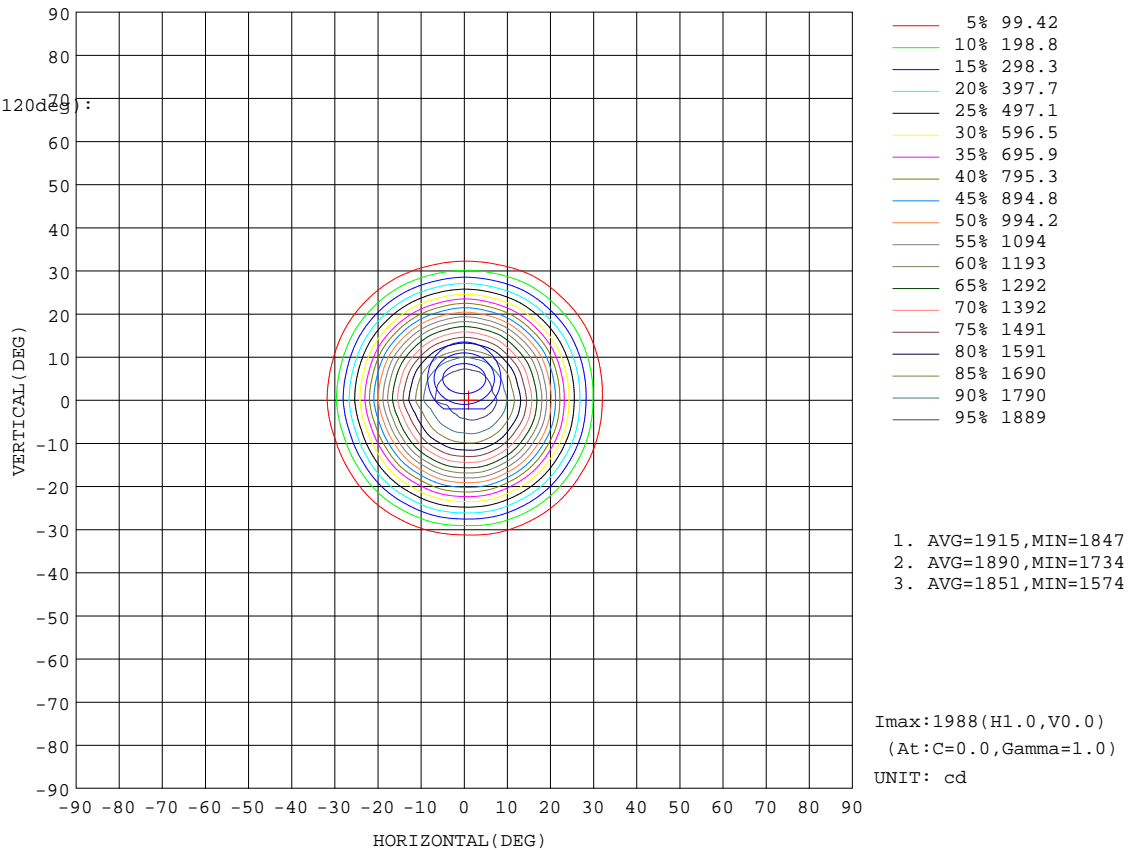
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Conical surface Flux(90deg):

829.44 lm
%lum = 99.9%
%lamp = 99.9%

Conical surface Flux(120deg):

829.8 lm
%lum = 100.0%
%lamp = 100.0%

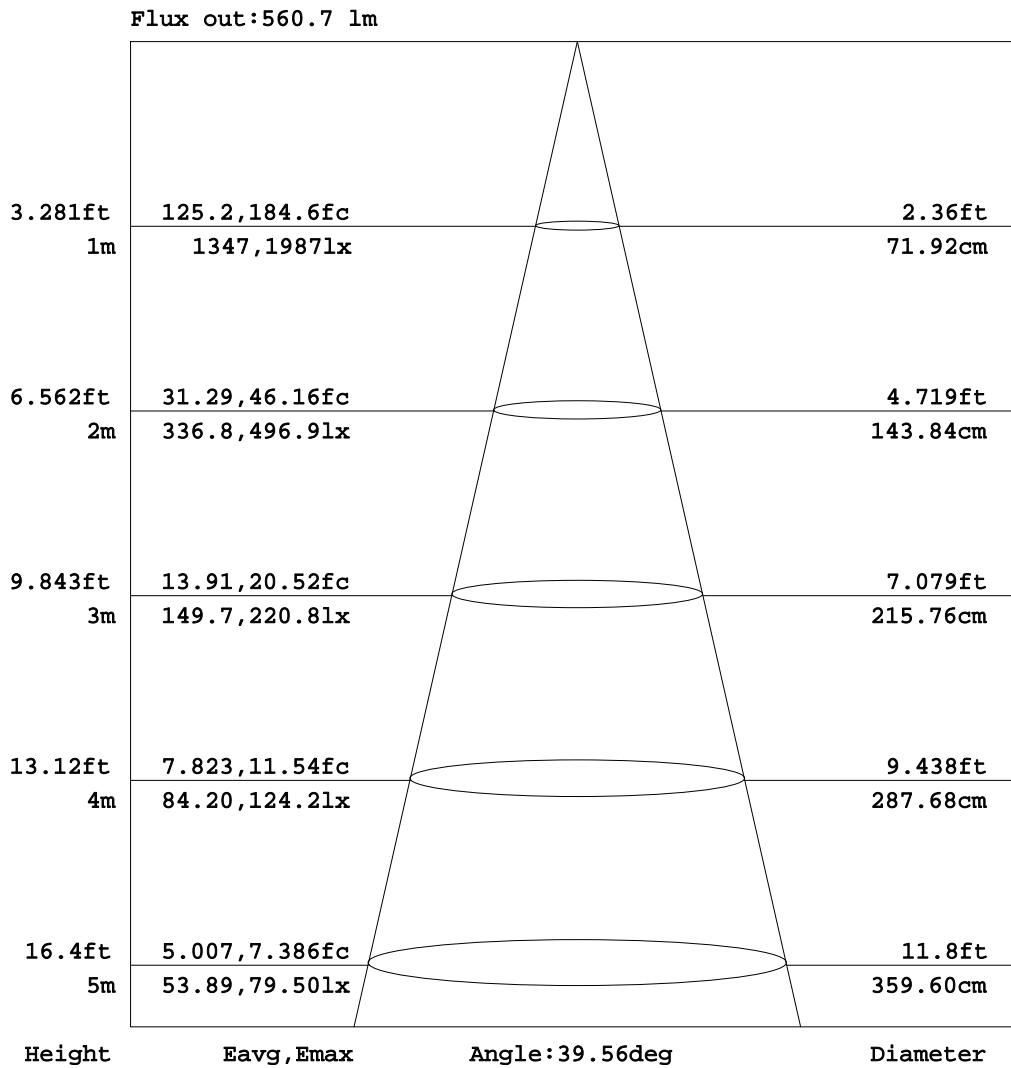


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AAI Figure

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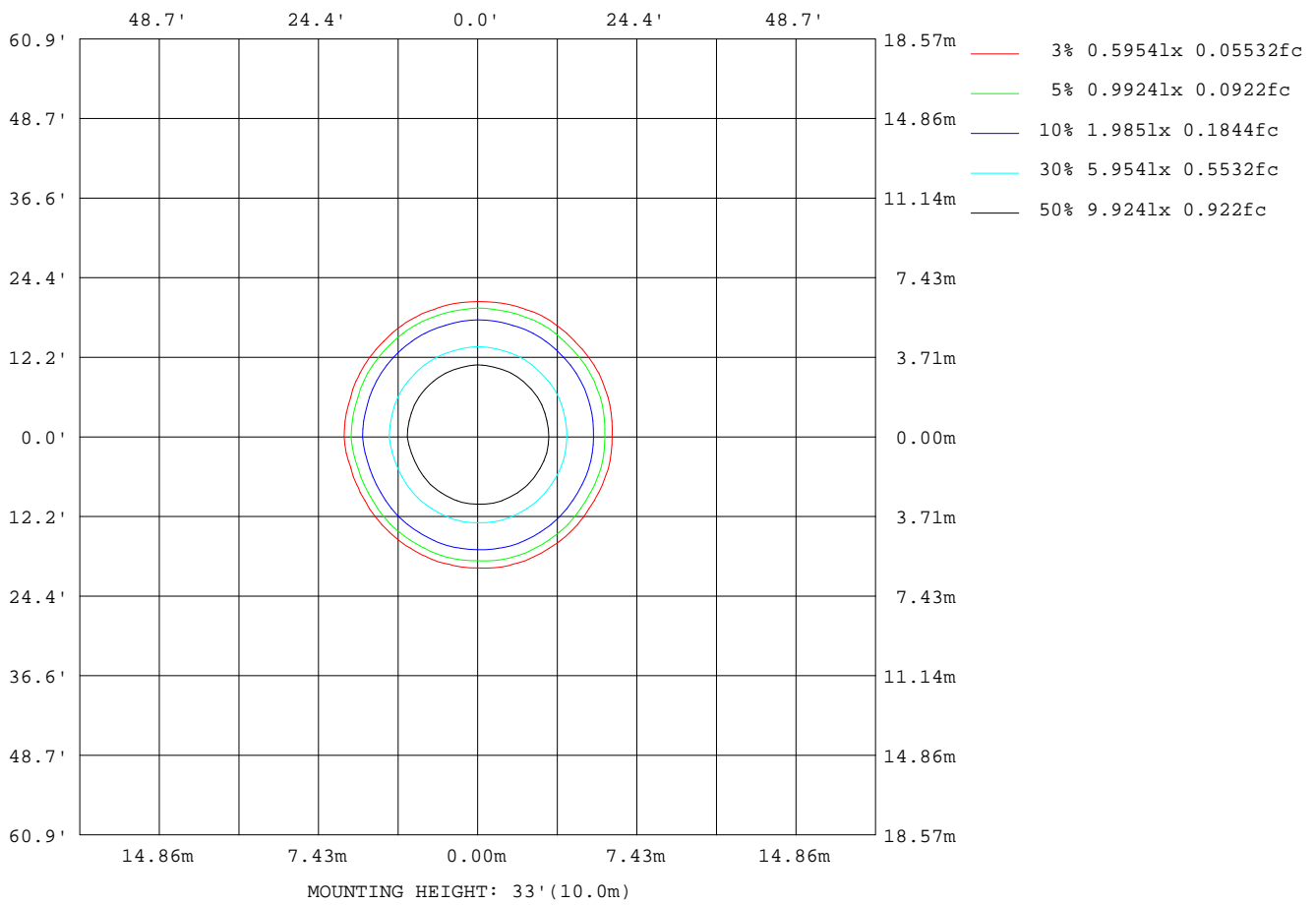
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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ISOLUX DIAGRAM

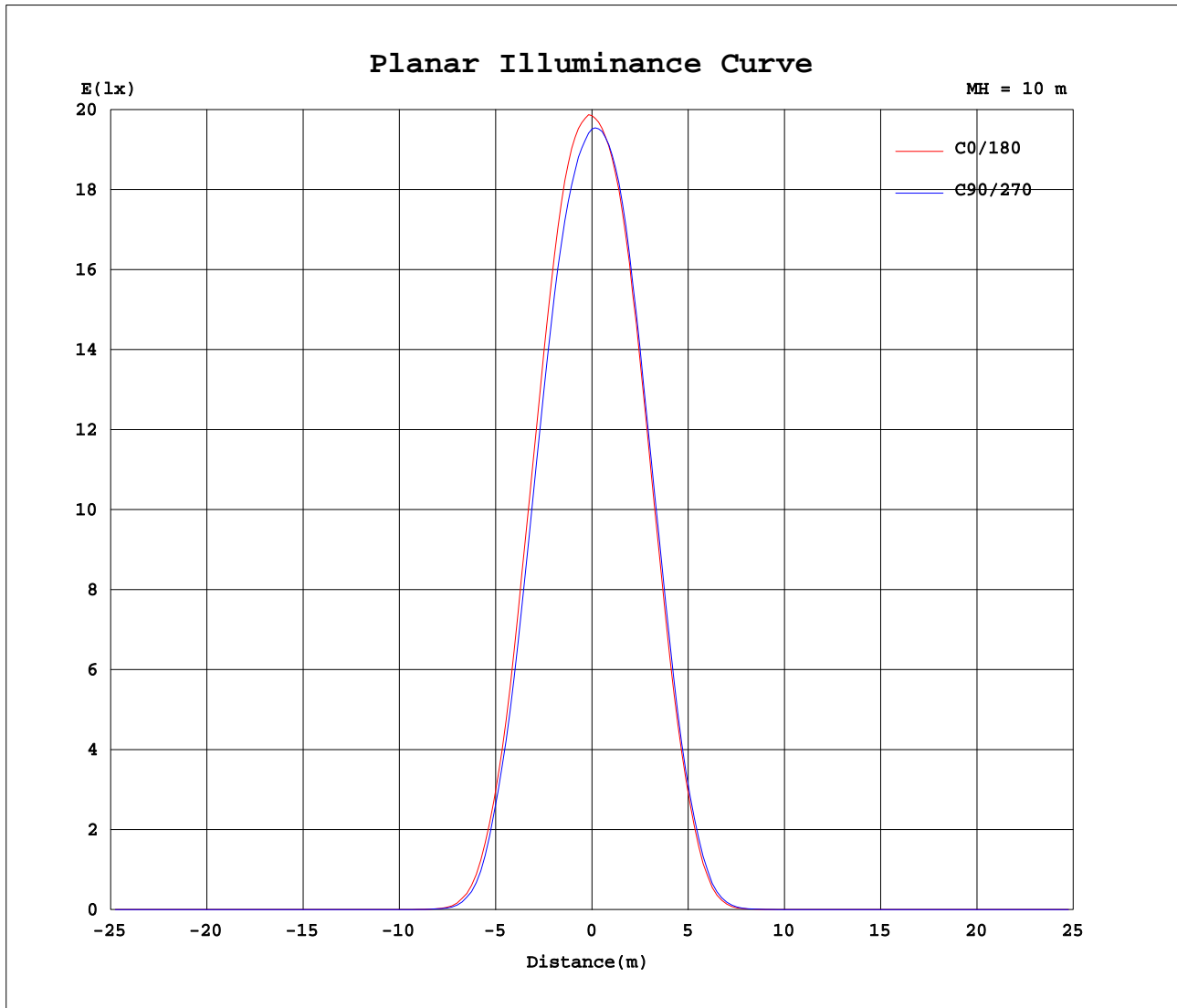
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Planar Illuminance Curve



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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	1985	1978	1971	1964	1959	1955	1952	1949	1944	1945
3.0	1975	1962	1952	1938	1928	1918	1911	1907	1903	1906
6.0	1935	1921	1901	1885	1869	1857	1842	1842	1837	1840
9.0	1835	1821	1794	1780	1761	1746	1729	1727	1724	1733
12.0	1668	1652	1621	1611	1597	1583	1561	1563	1552	1563
15.0	1446	1437	1403	1394	1374	1368	1344	1347	1334	1343
18.0	1193	1190	1155	1144	1121	1117	1093	1095	1077	1089
21.0	910.7	908.8	878.7	865.2	844.0	842.6	819.2	819.4	800.9	813.7
24.0	622.5	619.6	597.0	591.5	576.7	574.8	556.0	558.8	545.9	554.4
27.0	382.5	382.4	365.1	363.4	354.4	353.9	337.1	338.2	325.3	330.0
30.0	190.2	185.7	169.1	170.6	167.9	164.7	148.7	156.6	144.9	149.7
33.0	69.14	66.27	60.12	58.67	58.27	56.14	53.82	50.47	50.70	47.76
36.0	18.61	18.20	16.06	15.87	14.90	14.51	12.82	12.91	12.35	12.64
39.0	4.825	4.713	4.398	4.511	4.447	4.326	3.906	4.029	3.904	4.053
42.0	1.146	1.076	1.034	0.9996	0.9536	0.9493	0.9190	0.9145	0.8670	0.9037
45.0	0.5478	0.5177	0.5040	0.4937	0.4709	0.4828	0.4752	0.4784	0.4643	0.4850
48.0	0.3939	0.3714	0.3677	0.3583	0.3523	0.3583	0.3567	0.3583	0.3501	0.3627
51.0	0.3021	0.2906	0.2867	0.2797	0.2779	0.2863	0.2867	0.2862	0.2823	0.2862
54.0	0.2407	0.2316	0.2320	0.2207	0.2319	0.2339	0.2385	0.2338	0.2341	0.2316
57.0	0.1991	0.1879	0.1904	0.1792	0.1947	0.1901	0.2013	0.1945	0.1991	0.1880
60.0	0.1619	0.1529	0.1597	0.1464	0.1663	0.1595	0.1728	0.1639	0.1728	0.1573
63.0	0.1356	0.1202	0.1335	0.1202	0.1423	0.1333	0.1466	0.1333	0.1488	0.1290
66.0	0.1116	0.0983	0.1116	0.0983	0.1225	0.1093	0.1247	0.1136	0.1269	0.1071
69.0	0.0963	0.0787	0.0963	0.0830	0.1072	0.0939	0.1116	0.0940	0.1115	0.0918
72.0	0.0831	0.0634	0.0810	0.0677	0.0940	0.0765	0.0963	0.0765	0.0941	0.0765
75.0	0.0722	0.0503	0.0678	0.0546	0.0809	0.0656	0.0832	0.0656	0.0853	0.0656
78.0	0.0591	0.0393	0.0591	0.0415	0.0678	0.0524	0.0700	0.0524	0.0722	0.0503
81.0	0.0503	0.0350	0.0504	0.0350	0.0569	0.0415	0.0634	0.0437	0.0613	0.0415
84.0	0.0394	0.0350	0.0438	0.0350	0.0503	0.0350	0.0525	0.0328	0.0547	0.0372
87.0	0.0350	0.0350	0.0416	0.0350	0.0416	0.0350	0.0394	0.0328	0.0438	0.0372
90.0	0.0350	0.0350	0.0372	0.0350	0.0350	0.0350	0.0372	0.0350	0.0372	0.0372
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	1940	1940	1985	1978	1964	1959	1955	1952	1952	1949
3.0	1904	1905	1961	1959	1959	1954	1954	1952	1953	1952
6.0	1841	1848	1909	1907	1917	1916	1913	1912	1918	1918
9.0	1730	1746	1810	1808	1823	1823	1824	1824	1833	1832
12.0	1555	1575	1642	1640	1656	1662	1670	1661	1672	1671
15.0	1340	1363	1430	1423	1442	1437	1452	1445	1460	1452
18.0	1085	1110	1173	1171	1190	1187	1200	1196	1214	1206
21.0	809.3	828.8	891.6	889.2	914.8	910.1	919.8	917.4	939.4	929.7
24.0	546.3	560.3	612.7	609.9	629.1	624.4	633.7	628.2	649.0	641.6
27.0	320.8	333.0	374.3	372.2	385.2	385.7	392.1	390.6	402.4	398.3
30.0	138.7	151.7	178.3	175.3	185.7	188.3	196.6	195.7	205.5	206.8
33.0	49.07	48.51	61.60	60.71	65.59	66.84	71.18	71.02	75.55	76.41
36.0	11.86	11.90	15.10	15.55	18.26	18.40	19.43	19.19	21.82	21.49
39.0	3.898	4.146	4.587	4.552	4.884	4.993	5.136	4.892	5.134	5.163
42.0	0.8826	0.8819	0.9750	1.000	1.043	1.036	1.101	1.196	1.516	1.443
45.0	0.4753	0.4609	0.4782	0.4796	0.4869	0.4622	0.4868	0.5104	0.5676	0.5891
48.0	0.3611	0.3365	0.3517	0.3545	0.3495	0.3304	0.3342	0.3567	0.3953	0.4136
51.0	0.2910	0.2687	0.2775	0.2888	0.2753	0.2626	0.2556	0.2801	0.2992	0.3151
54.0	0.2363	0.2185	0.2251	0.2385	0.2229	0.2166	0.2054	0.2275	0.2338	0.2538
57.0	0.2013	0.1770	0.1836	0.1991	0.1813	0.1859	0.1704	0.1903	0.1879	0.2078
60.0	0.1706	0.1464	0.1486	0.1662	0.1486	0.1575	0.1376	0.1597	0.1573	0.1706
63.0	0.1466	0.1245	0.1223	0.1422	0.1267	0.1334	0.1180	0.1400	0.1268	0.1466
66.0	0.1247	0.1027	0.0940	0.1203	0.1005	0.1116	0.0983	0.1203	0.1093	0.1247
69.0	0.1093	0.0830	0.0743	0.1006	0.0830	0.0963	0.0787	0.1072	0.0896	0.1072
72.0	0.0940	0.0677	0.0612	0.0875	0.0656	0.0809	0.0656	0.0919	0.0721	0.0919
75.0	0.0788	0.0546	0.0481	0.0743	0.0568	0.0722	0.0589	0.0788	0.0612	0.0809
78.0	0.0700	0.0393	0.0349	0.0590	0.0393	0.0612	0.0437	0.0700	0.0459	0.0700
81.0	0.0591	0.0328	0.0241	0.0459	0.0284	0.0503	0.0327	0.0547	0.0306	0.0547
84.0	0.0503	0.0328	0.0219	0.0350	0.0305	0.0416	0.0284	0.0438	0.0306	0.0460
87.0	0.0416	0.0328	0.0219	0.0306	0.0219	0.0328	0.0219	0.0350	0.0219	0.0329
90.0	0.0372	0.0328	0.0219	0.0219	0.0219	0.0241	0.0262	0.0241	0.0219	0.0219
G/C	300.0	315.0	330.0	345.0						
0.0	1944	1945	1940	1940						
3.0	1951	1945	1940	1934						
6.0	1922	1915	1913	1904						
9.0	1837	1833	1829	1815						
12.0	1686	1671	1671	1651						
15.0	1464	1445	1452	1429						
18.0	1218	1207	1213	1191						
21.0	941.5	930.1	941.6	918.7						

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.3DEG

Operators: Meng Yongjian

Test Date: 2017-06-13

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	654.5	642.7	652.7	631.9
27.0	409.7	402.3	406.3	395.3
30.0	219.1	211.1	214.2	205.4
33.0	83.22	79.56	81.40	77.84
36.0	23.74	23.28	24.89	22.66
39.0	5.847	5.755	6.075	5.623
42.0	1.579	1.556	1.732	1.458
45.0	0.6135	0.6460	0.6877	0.6263
48.0	0.4302	0.4530	0.4893	0.4485
51.0	0.3233	0.3458	0.3735	0.3501
54.0	0.2534	0.2735	0.2862	0.2801
57.0	0.2010	0.2275	0.2272	0.2275
60.0	0.1638	0.1881	0.1792	0.1837
63.0	0.1310	0.1553	0.1420	0.1487
66.0	0.1070	0.1334	0.1136	0.1225
69.0	0.0874	0.1116	0.0918	0.1006
72.0	0.0721	0.0919	0.0743	0.0853
75.0	0.0612	0.0831	0.0612	0.0700
78.0	0.0480	0.0678	0.0459	0.0591
81.0	0.0327	0.0547	0.0349	0.0481
84.0	0.0284	0.0460	0.0284	0.0415
87.0	0.0219	0.0350	0.0240	0.0328
90.0	0.0219	0.0241	0.0219	0.0262

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2017-06-13

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: