

LED Downlight FUSION Series LE-FF5-11W-940-40D  
Black



Light Output Ratio:	100.0%	
Luminaire Power:	12.31 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.60	fine grid method.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-05-15

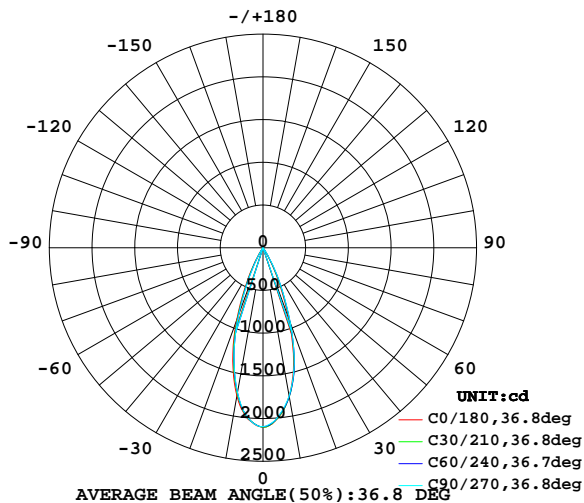
$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

## LUMINAIRE PHOTOMETRIC TEST REPORT

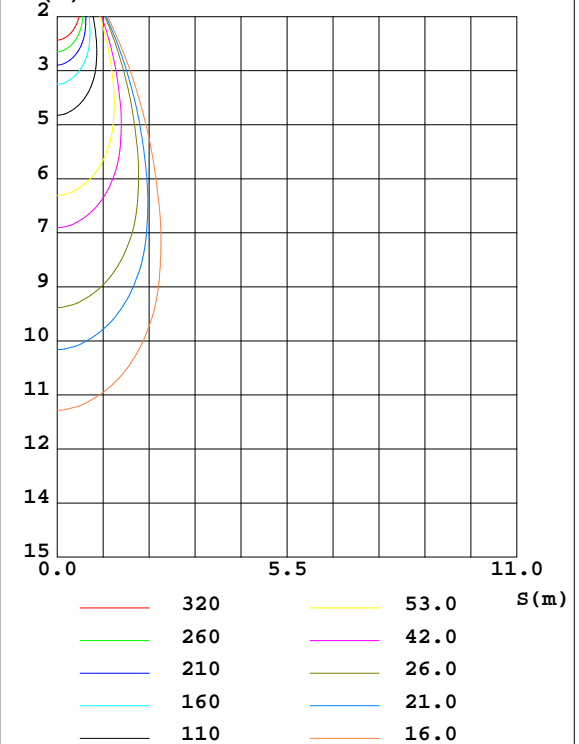
Test:U:220.8V I:0.0581A P:12.31W PF:0.9598 Lamp Flux:789.298x1 lm		
NAME: FF5-11W-940-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L153mm*W45mm*H60mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 64.11 lm/W			
MODEL	CREE-4000K	I <sub>max</sub> (cd)	2103	S/MH(C0/180)	0.59
NOMINAL POWER(W)	13.0	LOR(%)	100.0	S/MH(C90/270)	0.57
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	789.30	η UP,DN(C0-180)	0.0,51.9
NOMINAL FLUX(lm)	789.298	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,48.1
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	0.60

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:2017-05-15

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:

## 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	1763	1781	1762	1755	1761	1718	1724	1738	0- 10	182.9	182.9	23.2,23.2
20	880.4	940.6	939.0	927.2	907.1	838.1	830.4	835.5	10- 20	369.4	552.2	70,70
30	145.5	181.6	196.1	196.7	172.3	132.6	123.1	122.0	20- 30	207.9	760.2	96.3,96.3
40	3.837	4.871	5.276	5.213	4.424	3.575	2.956	2.795	30- 40	27.81	788.0	99.8,99.8
50	0.3787	0.3649	0.3370	0.3954	0.4325	0.4420	0.4216	0.3982	40- 50	0.7740	788.7	99.9,99.9
60	0.2013	0.1879	0.1881	0.1901	0.1989	0.2318	0.2163	0.2100	50- 60	0.2568	789.0	100,100
70	0.1203	0.1049	0.1160	0.1071	0.1092	0.1356	0.1202	0.1291	60- 70	0.1547	789.2	100,100
80	0.0635	0.0568	0.0700	0.0633	0.0524	0.0787	0.0524	0.0744	70- 80	0.0951	789.3	100,100
90	0.0328	0.0328	0.0306	0.0306	0.0284	0.0262	0.0241	0.0284	80- 90	0.0451	789.3	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	58	80
80	53	59
75	54	53
70	51	49
65	53	51
60	58	55
55	69	62
50	86	76
45	121	113

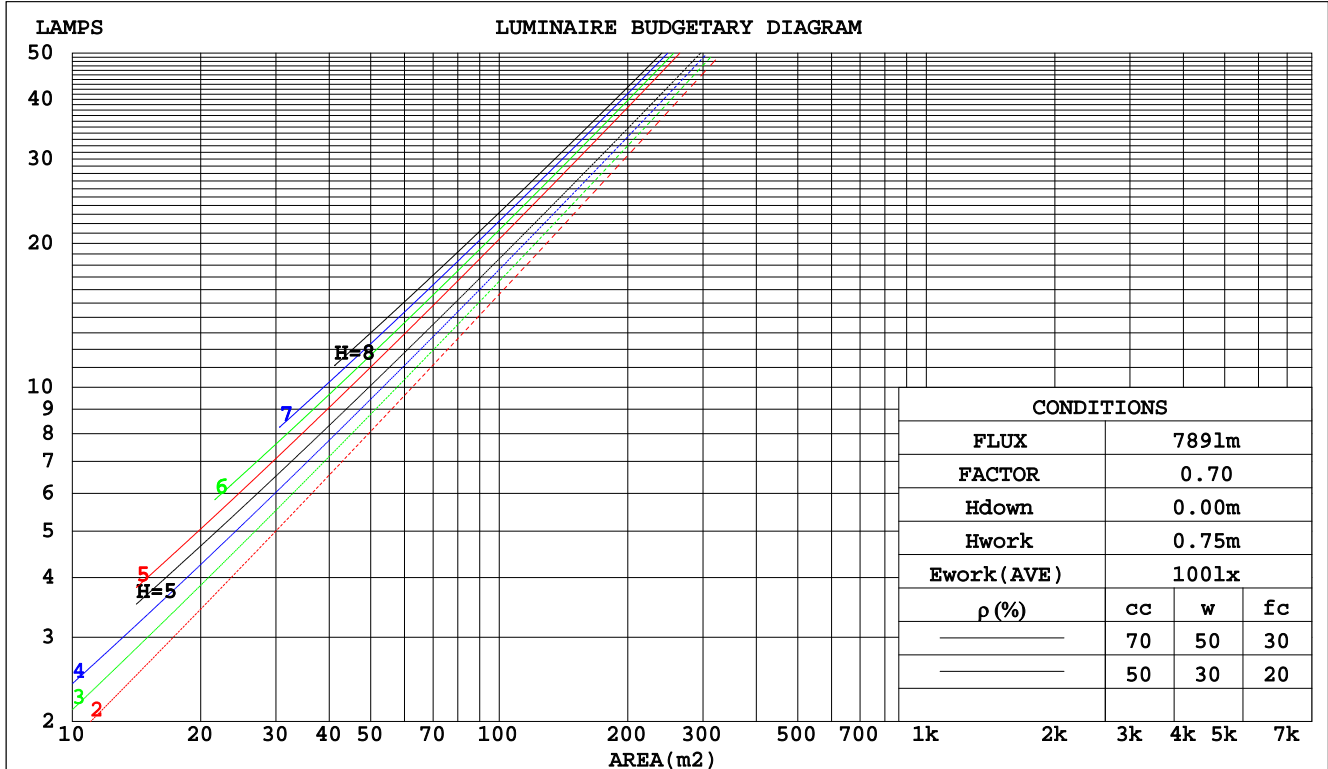
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
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 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
 Humidity: 52%  
 Test Distance: 5.850m [K=1.0000]  
 Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.8V I:0.0581A P:12.31W PF:0.9598 Lamp Flux:789.298x1 lm		
NAME: FF5-11W-940-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L153mm*W45mm*H60mm	
MFR.:		

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	1.00
1.0	1.12	1.10	1.09	1.10	1.09	1.07	1.06	1.05	1.04	1.03	1.02	1.01	.99	.98	.98	.96
2.0	1.07	1.04	1.01	1.05	1.02	.00	1.02	.00	.98	.99	.97	.96	.96	.95	.94	.92
3.0	1.02	.98	.95	1.00	.97	.94	.98	.95	.92	.96	.93	.91	.93	.91	.90	.88
4.0	.97	.93	.90	.96	.92	.89	.94	.91	.88	.92	.89	.87	.90	.88	.86	.85
5.0	.93	.88	.85	.92	.88	.85	.90	.87	.84	.89	.86	.83	.87	.85	.83	.82
6.0	.89	.85	.81	.88	.84	.81	.87	.83	.81	.86	.83	.80	.85	.82	.80	.78
7.0	.86	.81	.78	.85	.81	.78	.84	.80	.77	.83	.80	.77	.82	.79	.77	.76
8.0	.83	.78	.75	.82	.78	.75	.81	.77	.74	.80	.77	.74	.79	.76	.74	.73
9.0	.80	.75	.72	.79	.75	.72	.78	.74	.72	.77	.74	.71	.77	.74	.71	.70
10.0	.77	.72	.69	.76	.72	.69	.76	.72	.69	.75	.71	.69	.74	.71	.69	.68



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 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
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## WEC AND CCEC

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SPEC.:4000K	DIM.: L153mm*W45mm*H60mm	
MFR.:		

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	.145	.083	.026	.139	.079	.025	.126	.072	.023	.115	.066	.021	.104	.060	.019	
2.0	.136	.074	.023	.130	.072	.022	.120	.067	.021	.110	.062	.019	.102	.057	.018	
3.0	.127	.068	.020	.123	.066	.020	.114	.062	.019	.106	.058	.018	.099	.055	.017	
4.0	.120	.062	.018	.116	.061	.018	.109	.058	.017	.102	.055	.017	.096	.052	.016	
5.0	.114	.058	.017	.110	.057	.017	.104	.054	.016	.098	.052	.015	.093	.050	.015	
6.0	.108	.054	.016	.105	.053	.015	.100	.051	.015	.095	.049	.014	.090	.047	.014	
7.0	.103	.051	.014	.101	.050	.014	.096	.049	.014	.092	.047	.014	.087	.045	.013	
8.0	.099	.048	.014	.097	.048	.013	.093	.046	.013	.089	.045	.013	.085	.044	.013	
9.0	.095	.046	.013	.093	.045	.013	.089	.044	.013	.086	.043	.012	.082	.042	.012	
10.0	.091	.044	.012	.090	.043	.012	.086	.042	.012	.083	.041	.012	.080	.040	.012	

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	.169	.158	.147	.145	.135	.127	.099	.093	.088	.057	.054	.051	.018	.017	.016	
2.0	.151	.133	.117	.130	.114	.101	.089	.079	.070	.051	.046	.041	.016	.015	.013	
3.0	.137	.113	.094	.117	.098	.082	.081	.068	.057	.047	.040	.034	.015	.013	.011	
4.0	.125	.098	.078	.107	.085	.067	.074	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.115	.086	.065	.099	.074	.056	.068	.052	.040	.039	.031	.024	.013	.010	.008	
6.0	.107	.076	.054	.092	.066	.047	.063	.046	.033	.037	.027	.020	.012	.009	.007	
7.0	.099	.068	.046	.085	.059	.040	.059	.041	.029	.034	.024	.017	.011	.008	.006	
8.0	.093	.062	.040	.080	.053	.035	.056	.037	.025	.032	.022	.015	.010	.007	.005	
9.0	.088	.056	.035	.076	.049	.030	.052	.034	.021	.031	.020	.013	.010	.007	.004	
10.0	.083	.051	.030	.072	.045	.026	.050	.031	.019	.029	.019	.011	.009	.006	.004	

C Range: 0 - 360DEG  
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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:

UGR(Unified Glare Rating) Table

Test:U:220.8V I:0.0581A P:12.31W PF:0.9598 Lamp Flux:789.298x1 lm										
NAME: FF5-11W-940-40D Black					TYPE:Downlight			SERIAL No.:		
SPEC.:4000K					DIM.: L153mm*W45mm*H60mm					
MFR.:										
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	3.7	4.4	3.9	4.6	4.7	5.6	6.3	5.8	6.5	6.6
3H	3.6	4.2	3.8	4.4	4.6	5.5	6.1	5.7	6.3	6.5
4H	3.5	4.1	3.7	4.3	4.5	5.4	6.0	5.6	6.2	6.4
6H	3.4	4.0	3.7	4.2	4.5	5.3	5.9	5.6	6.1	6.4
8H	3.3	3.9	3.6	4.2	4.4	5.3	5.8	5.5	6.1	6.3
12H	3.3	3.9	3.6	4.1	4.4	5.2	5.8	5.5	6.0	6.3
4H 2H	3.5	4.1	3.7	4.3	4.5	5.4	6.0	5.6	6.2	6.4
3H	3.3	3.9	3.6	4.1	4.4	5.2	5.8	5.5	6.0	6.3
4H	3.2	3.7	3.5	4.0	4.3	5.1	5.6	5.5	5.9	6.2
6H	3.1	3.6	3.5	3.9	4.2	5.0	5.5	5.4	5.8	6.1
8H	3.1	3.5	3.4	3.8	4.2	5.0	5.4	5.3	5.7	6.1
12H	3.0	3.4	3.4	3.8	4.1	4.9	5.3	5.3	5.7	6.0
8H 4H	3.1	3.5	3.4	3.8	4.2	5.0	5.4	5.3	5.7	6.1
6H	2.9	3.3	3.4	3.7	4.1	4.9	5.2	5.3	5.6	6.0
8H	2.9	3.2	3.3	3.6	4.0	4.8	5.1	5.2	5.5	5.9
12H	2.8	3.1	3.3	3.5	4.0	4.7	5.0	5.2	5.4	5.9
12H 4H	3.0	3.4	3.4	3.7	4.1	4.9	5.3	5.3	5.7	6.0
6H	2.9	3.2	3.3	3.6	4.0	4.8	5.1	5.2	5.5	5.9
8H	2.8	3.1	3.3	3.5	4.0	4.7	5.0	5.2	5.4	5.9
Variations with the observer position at spacings:										
S = 1.0H	+ 4.4 / - 8.6					+ 5.5 / -11.7				
1.5H	+ 7.1 / - 8.1					+ 8.2 / -11.2				
2.0H	+ 1.4 / - 0.6					+ 1.3 / - 0.5				

CIE Pub.117 Corrected 789.3 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.8)

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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:0.0581A P:12.31W PF:0.9598 Lamp Flux:789.298x1 lm		
NAME: FF5-11W-940-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L153mm*W45mm*H60mm	
MFR.:		

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	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.:		

Conical surface Flux(90deg):

788.55 lm

%lum = 99.9%

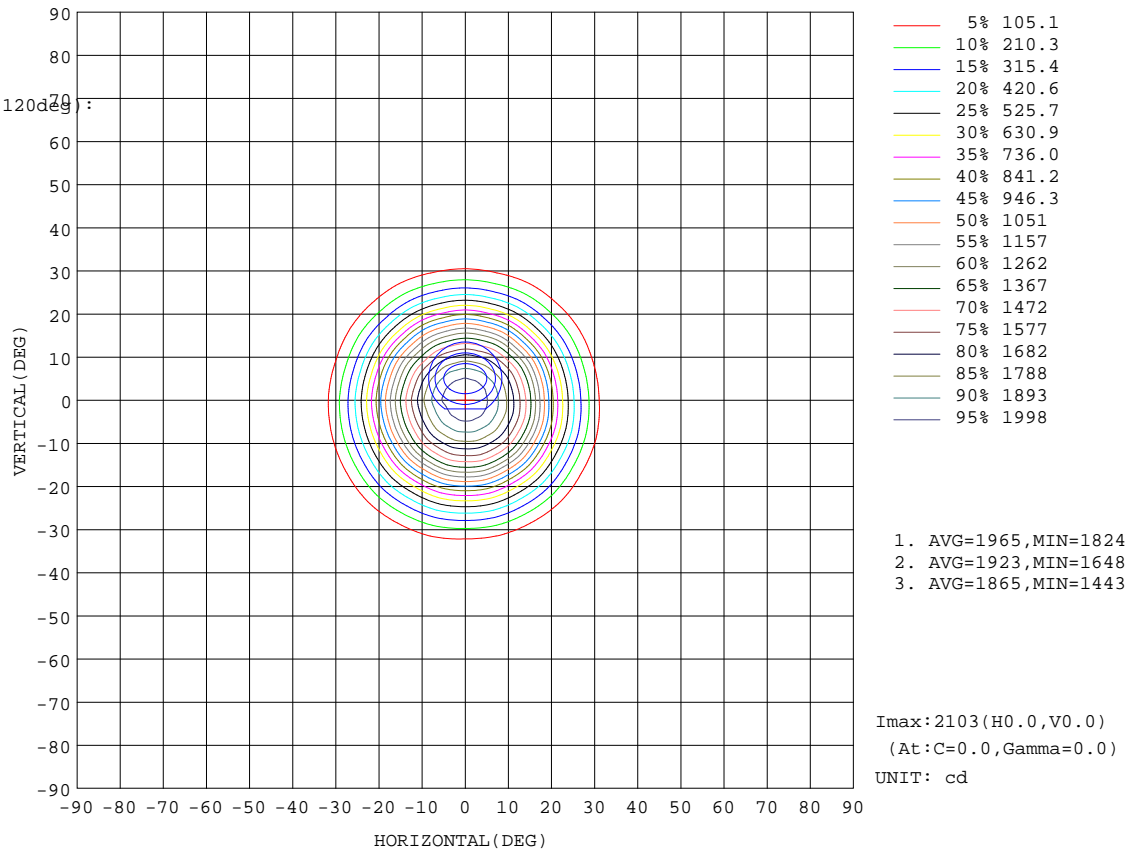
%lamp = 99.9%

Conical surface Flux(120deg):

789 lm

%lum = 100.0%

%lamp = 100.0%



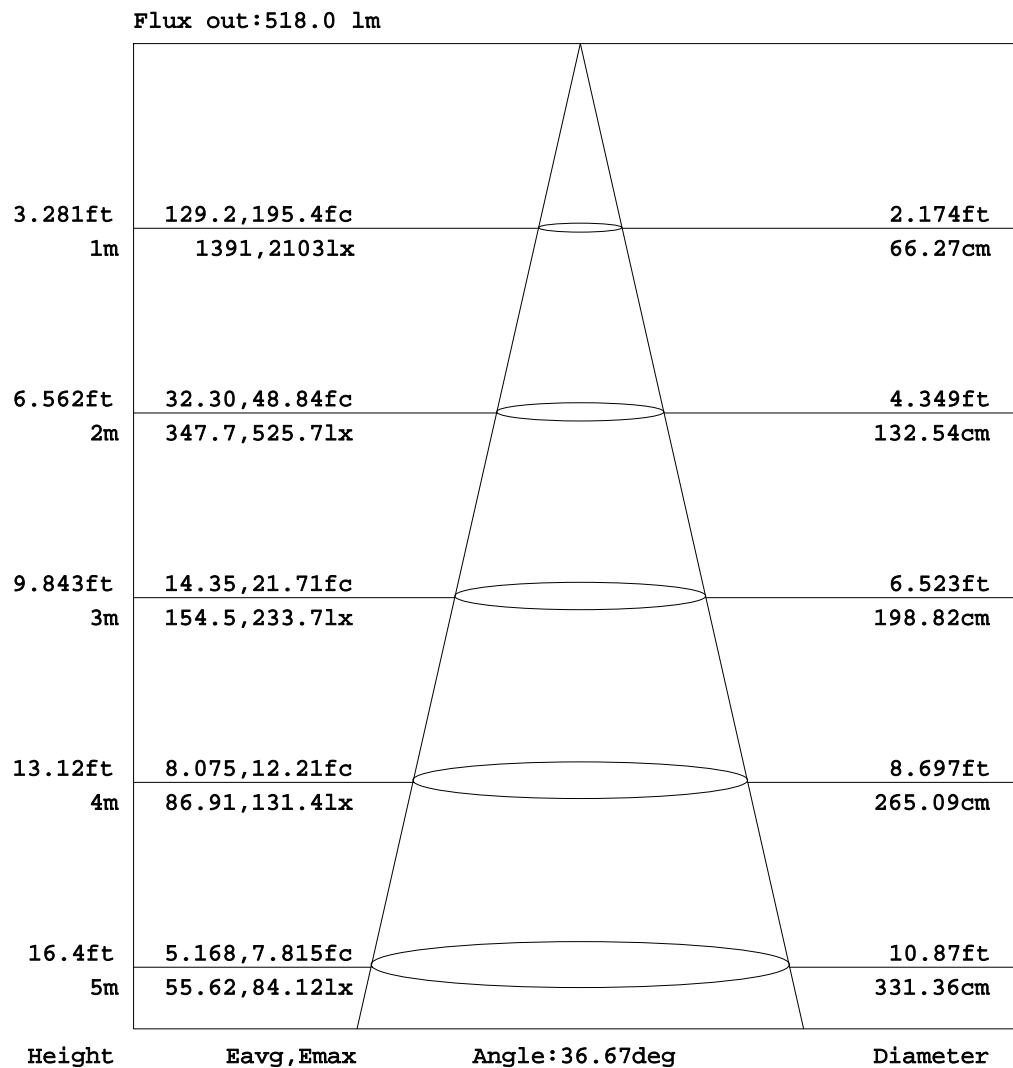
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## AAI Figure

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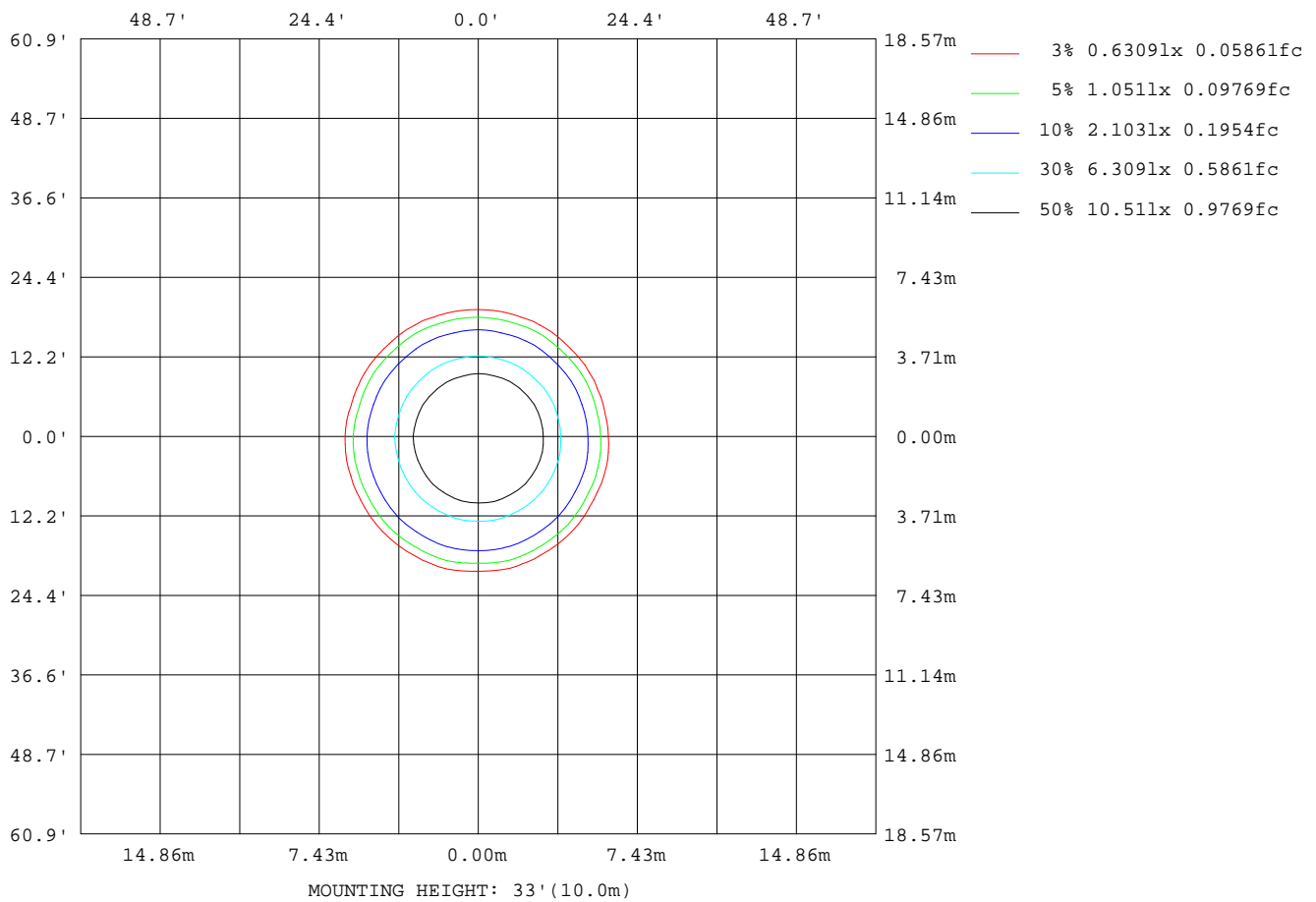
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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## ISOLUX DIAGRAM

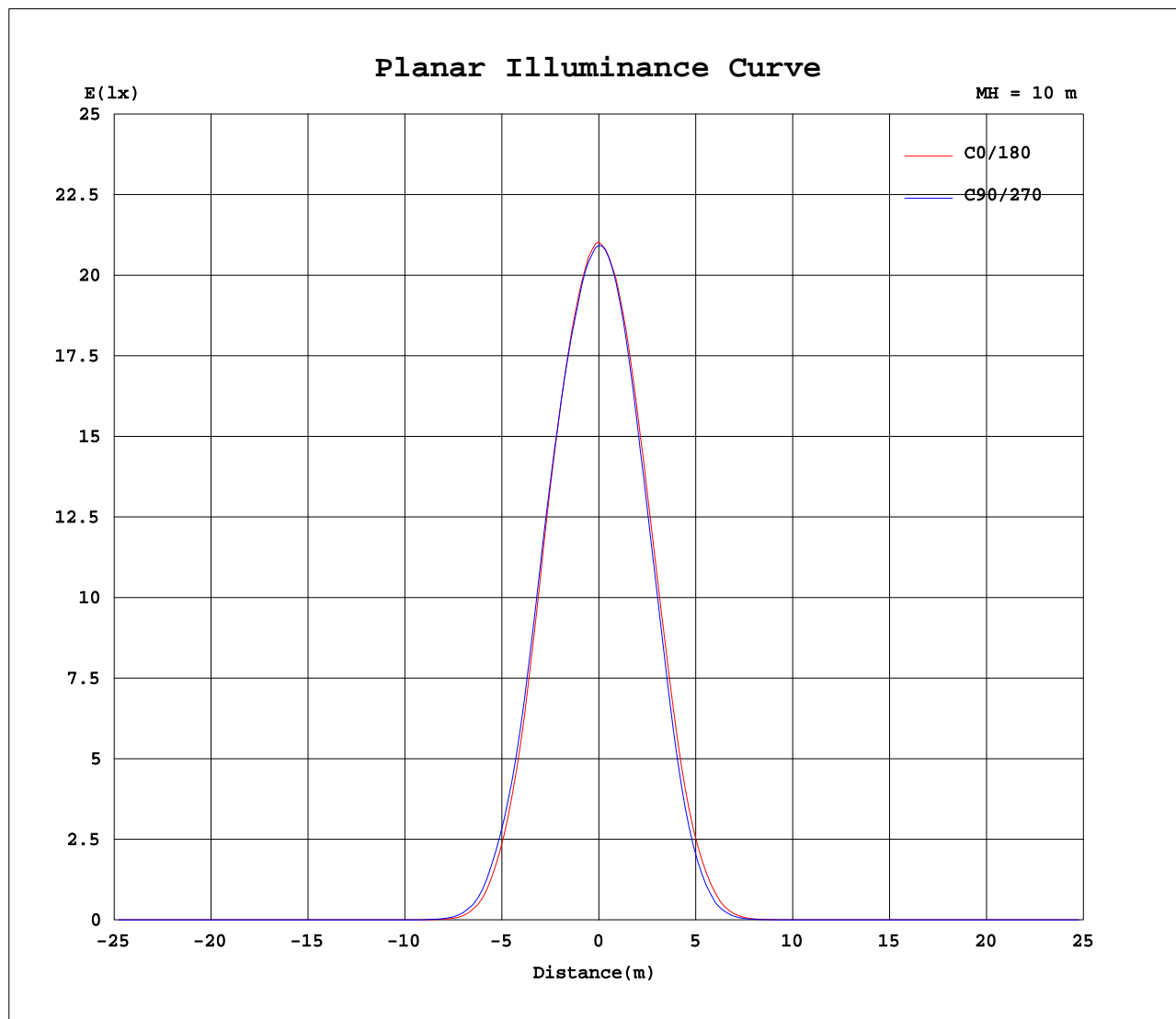
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## Planar Illuminance Curve



C Range: 0 - 360DEG  
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## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.8V I:0.0581A P:12.31W PF:0.9598 Lamp Flux:789.298x1 lm		
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Table--1

UNIT: cd

[illegible]

C Range: 0 - 360DEG  
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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:

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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	2103	2100	2100	2096	2096	2094	2093	2092	2091	2091
3.0	2066	2064	2061	2063	2054	2057	2051	2050	2047	2044
6.0	1966	1967	1964	1966	1954	1959	1950	1953	1946	1954
9.0	1822	1831	1827	1834	1825	1828	1815	1819	1809	1814
12.0	1630	1647	1645	1657	1648	1649	1634	1638	1622	1621
15.0	1386	1414	1415	1435	1424	1431	1414	1418	1394	1392
18.0	1085	1119	1122	1145	1132	1149	1136	1141	1116	1119
21.0	776.0	809.6	815.5	839.4	832.9	851.5	839.2	845.7	826.2	829.7
24.0	514.5	540.3	548.9	570.8	569.4	584.4	576.4	582.0	561.5	566.0
27.0	303.4	327.8	332.6	356.4	358.9	373.6	368.9	375.0	361.4	361.0
30.0	145.5	160.9	163.1	181.6	187.2	200.4	196.1	205.8	197.7	196.7
33.0	56.93	61.34	62.87	70.33	74.50	81.21	79.99	84.37	81.47	80.28
36.0	15.51	18.63	19.72	23.27	24.58	27.71	27.78	29.20	27.50	27.77
39.0	5.580	6.260	6.104	7.070	7.529	8.281	8.002	8.366	8.101	8.026
42.0	1.031	1.157	1.157	1.144	1.157	1.545	1.752	1.873	1.716	1.852
45.0	0.5913	0.6204	0.6111	0.6050	0.5631	0.5744	0.5501	0.5941	0.5982	0.6552
48.0	0.4464	0.4588	0.4574	0.4348	0.4093	0.4064	0.3961	0.4217	0.4289	0.4697
51.0	0.3567	0.3627	0.3676	0.3365	0.3239	0.3168	0.3151	0.3255	0.3349	0.3627
54.0	0.2910	0.2950	0.2954	0.2710	0.2648	0.2535	0.2604	0.2622	0.2692	0.2863
57.0	0.2407	0.2404	0.2450	0.2207	0.2210	0.2098	0.2166	0.2141	0.2232	0.2338
60.0	0.2013	0.1989	0.2035	0.1879	0.1859	0.1748	0.1881	0.1770	0.1860	0.1901
63.0	0.1707	0.1639	0.1750	0.1551	0.1597	0.1486	0.1641	0.1486	0.1641	0.1617
66.0	0.1466	0.1398	0.1510	0.1333	0.1400	0.1246	0.1422	0.1289	0.1422	0.1355
69.0	0.1247	0.1158	0.1291	0.1093	0.1182	0.1071	0.1225	0.1071	0.1225	0.1115
72.0	0.1094	0.0983	0.1116	0.0961	0.1094	0.0896	0.1072	0.0918	0.1094	0.0961
75.0	0.0963	0.0765	0.0941	0.0765	0.0941	0.0721	0.0941	0.0765	0.0963	0.0765
78.0	0.0766	0.0612	0.0810	0.0634	0.0809	0.0612	0.0788	0.0656	0.0831	0.0634
81.0	0.0569	0.0437	0.0635	0.0480	0.0700	0.0480	0.0635	0.0502	0.0700	0.0502
84.0	0.0373	0.0350	0.0547	0.0350	0.0547	0.0306	0.0525	0.0328	0.0569	0.0328
87.0	0.0350	0.0350	0.0394	0.0328	0.0416	0.0306	0.0416	0.0306	0.0459	0.0306
90.0	0.0328	0.0350	0.0328	0.0328	0.0328	0.0306	0.0306	0.0306	0.0306	0.0306
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	2090	2103	2100	2100	2100	2096	2094	2093	2092	2091
3.0	2044	2047	2063	2059	2059	2057	2060	2058	2062	2058
6.0	1947	1955	1976	1970	1966	1956	1960	1956	1960	1958
9.0	1803	1806	1827	1809	1806	1790	1795	1782	1794	1790
12.0	1602	1601	1615	1589	1586	1565	1570	1555	1566	1562
15.0	1367	1363	1372	1339	1333	1308	1312	1297	1312	1308
18.0	1096	1094	1099	1069	1064	1035	1038	1017	1034	1023
21.0	807.4	802.6	809.4	776.4	768.4	737.7	738.9	717.9	729.3	716.0
24.0	546.8	538.0	536.0	509.5	498.7	473.0	471.1	453.5	458.2	450.6
27.0	341.0	334.1	326.5	301.0	293.5	274.0	271.8	257.9	258.6	252.9
30.0	180.5	177.6	172.3	151.2	149.4	132.6	134.3	119.6	123.1	115.5
33.0	73.84	72.14	69.60	62.12	58.14	53.79	49.93	44.43	45.17	42.95
36.0	25.30	24.59	23.06	19.39	19.16	16.45	15.57	13.48	13.44	12.60
39.0	7.088	6.898	6.587	5.635	5.520	4.987	4.981	4.420	4.256	4.075
42.0	1.760	1.612	1.513	1.336	1.324	1.222	1.210	1.127	1.134	1.092
45.0	0.6944	0.6968	0.6988	0.6743	0.6923	0.6676	0.6749	0.6479	0.6422	0.6304
48.0	0.5078	0.5090	0.5133	0.5054	0.5243	0.5119	0.5155	0.5054	0.4937	0.4900
51.0	0.3962	0.3976	0.3997	0.4048	0.4106	0.4113	0.4107	0.4092	0.3932	0.3982
54.0	0.3195	0.3125	0.3102	0.3282	0.3255	0.3369	0.3365	0.3369	0.3234	0.3260
57.0	0.2625	0.2535	0.2491	0.2713	0.2600	0.2779	0.2753	0.2822	0.2644	0.2756
60.0	0.2209	0.2032	0.1989	0.2231	0.2119	0.2318	0.2272	0.2406	0.2163	0.2319
63.0	0.1860	0.1661	0.1661	0.1881	0.1748	0.1926	0.1835	0.2034	0.1792	0.1947
66.0	0.1554	0.1377	0.1399	0.1619	0.1464	0.1663	0.1530	0.1706	0.1486	0.1662
69.0	0.1313	0.1180	0.1158	0.1378	0.1202	0.1422	0.1289	0.1444	0.1311	0.1444
72.0	0.1160	0.0939	0.0983	0.1203	0.1005	0.1225	0.1027	0.1247	0.1071	0.1269
75.0	0.1006	0.0765	0.0830	0.1006	0.0874	0.1028	0.0809	0.1028	0.0895	0.1093
78.0	0.0853	0.0634	0.0655	0.0853	0.0677	0.0853	0.0677	0.0831	0.0634	0.0853
81.0	0.0744	0.0502	0.0480	0.0656	0.0567	0.0700	0.0502	0.0700	0.0480	0.0700
84.0	0.0569	0.0328	0.0328	0.0525	0.0349	0.0547	0.0349	0.0525	0.0306	0.0482
87.0	0.0416	0.0284	0.0284	0.0350	0.0262	0.0351	0.0219	0.0328	0.0241	0.0372
90.0	0.0328	0.0306	0.0284	0.0262	0.0262	0.0262	0.0219	0.0241	0.0241	0.0241
G/C	300.0	315.0	330.0	345.0						
0.0	2091	2091	2090	2090						
3.0	2062	2059	2061	2063						
6.0	1963	1960	1967	1962						
9.0	1804	1804	1822	1819						
12.0	1586	1590	1614	1615						
15.0	1333	1336	1368	1372						
18.0	1044	1040	1073	1076						
21.0	736.0	732.7	761.5	765.4						

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.3DEG

Operators: Meng Yongjian

Test Date: 2017-05-15

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	467.2	466.0	489.6	498.3
27.0	265.3	265.7	281.2	287.9
30.0	127.4	122.0	135.5	134.3
33.0	45.75	45.19	49.76	52.39
36.0	13.77	13.59	14.78	14.69
39.0	4.326	4.227	4.662	5.069
42.0	1.108	1.043	1.065	1.027
45.0	0.6400	0.6063	0.6159	0.5801
48.0	0.4849	0.4660	0.4719	0.4441
51.0	0.3823	0.3698	0.3735	0.3610
54.0	0.3059	0.3041	0.2992	0.2975
57.0	0.2491	0.2516	0.2338	0.2472
60.0	0.2053	0.2100	0.1879	0.2056
63.0	0.1661	0.1815	0.1551	0.1728
66.0	0.1398	0.1553	0.1311	0.1488
69.0	0.1180	0.1356	0.1092	0.1290
72.0	0.1006	0.1181	0.0962	0.1116
75.0	0.0896	0.1028	0.0787	0.0941
78.0	0.0656	0.0853	0.0634	0.0787
81.0	0.0480	0.0700	0.0458	0.0634
84.0	0.0306	0.0503	0.0306	0.0460
87.0	0.0241	0.0329	0.0241	0.0350
90.0	0.0241	0.0284	0.0241	0.0241

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-05-15

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: