

Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: HALO

Report Number: A2016654D001

Luminaire Tested: **LT56069FS351EWHR**

Test Date: 2020-09-18



**Test Information**

Test Method: LM-41-14  
Report Number: A2016654D001  
Test Lab: EVERFINE  
Test Date: 2020-09-18  
Issue Date: 2020-09-19 13:35:14  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: HALO  
Catalog Number: LT56069FS351EWHR  
Description: LT56069FS351EWHR  
Light Source: -  
Ballast/Driver: -

**Summary**

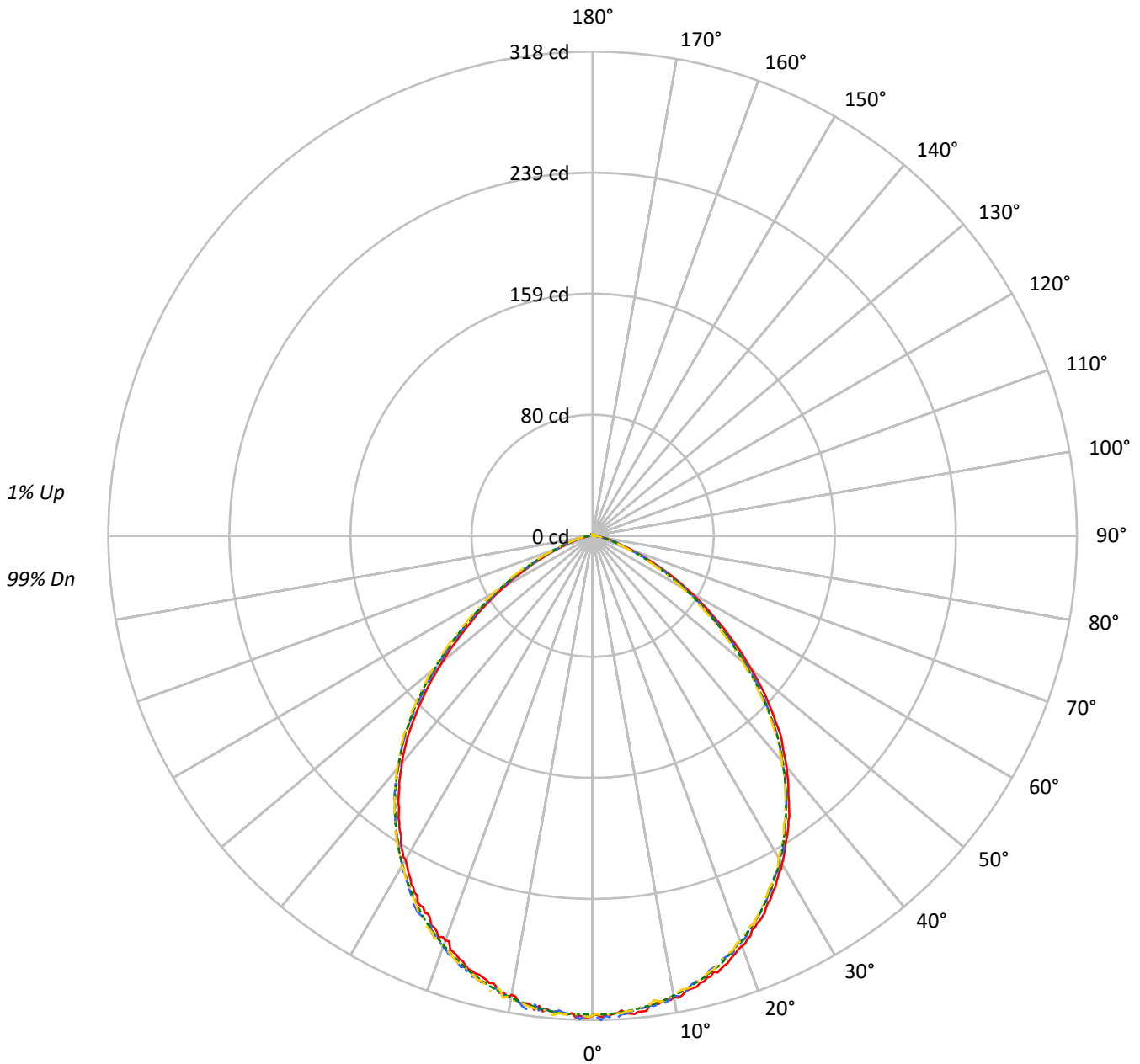
Lumens per Lamp: N/A  
Luminaire Lumens: 662.1 lumens  
Efficiency: N/A  
Efficacy: 96.1 lumens/watt  
Spacing Criteria (0/90/45): 1.18 / 1.18 / 1.25  
Luminous Opening: Circular (Dia: 0.33' x H: 0')  
CIE Type: Direct

Input Watts (W): 6.88806  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT

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### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20									20									20									20									
RC	80									50									30									10									0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0																
RCR																																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99																			
1	111	107	103	100	108	104	101	98	100	98	95	96	94	92	93	91	89	87																			
2	102	95	89	85	100	93	88	84	90	85	82	87	83	80	84	81	78	76																			
3	94	85	78	73	92	84	77	72	81	75	71	78	73	69	75	71	68	66																			
4	87	77	69	63	85	75	68	62	73	67	62	70	65	61	68	64	60	58																			
5	81	69	61	55	79	68	61	55	66	59	54	64	58	54	62	57	53	51																			
6	75	63	55	49	73	62	54	49	60	53	48	58	52	48	57	52	47	45																			
7	70	57	49	44	68	57	49	44	55	48	43	54	47	43	52	47	43	41																			
8	65	53	45	39	64	52	44	39	51	44	39	49	43	39	48	43	38	37																			
9	61	49	41	36	60	48	41	36	47	40	35	46	40	35	45	39	35	33																			
10	57	45	38	33	56	44	37	33	43	37	32	42	36	32	42	36	32	30																			

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	39634	39634	39634	39634
5°	39840	39474	39653	39615
10°	39320	39176	39123	39369
15°	39046	38715	38779	38967
20°	38399	38024	37868	38351
25°	37405	37064	37205	37500
30°	36139	35670	35728	36293
35°	34598	34015	34082	34709
40°	32551	31919	32031	32673
45°	29998	29126	29048	30094
50°	26559	25517	25223	26514
55°	22773	21611	21038	22382
60°	18656	17564	16815	18044
65°	14431	13189	12419	13740
70°	9920	8930	8398	9547
75°	7107	6250	5972	6894
80°	5112	4483	4263	5256
85°	4425	3957	3239	5218



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	29.7	4.5
10°-20°	84.1	12.7
20°-30°	123.4	18.6
30°-40°	139.6	21.1
40°-50°	127.6	19.3
50°-60°	89.7	13.6
60°-70°	45.4	6.9
70°-80°	15.1	2.3
80°-90°	3.4	0.5
90°-100°	0.4	0.1
100°-110°	0.4	0.1
110°-120°	0.5	0.1
120°-130°	0.5	0.1
130°-140°	0.7	0.1
140°-150°	0.7	0.1
150°-160°	0.5	0.1
160°-170°	0.3	0.0
170°-180°	0.1	0.0
0°-30°	237.2	35.8
0°-40°	376.8	56.9
0°-60°	594.1	89.7
0°-90°	658.0	99.4
90°-120°	1.3	0.2
90°-150°	3.1	0.5
90°-180°	4.0	0.6
0°-180°	662.1	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	315	315	315	315	315	
5°	315	312	314	314	315	30
15°	300	297	298	299	300	84
25°	269	267	268	270	269	124
35°	225	221	222	226	225	140
45°	169	164	163	169	169	130
55°	104	98	96	102	104	93
65°	48	44	42	46	48	48
75°	15	13	12	14	15	16
85°	3	3	2	4	3	3
90°	1	0	0	1	1	0
95°	0	0	0	0	0	0
105°	0	0	0	0	0	0
115°	0	1	1	0	0	0
125°	0	1	1	0	0	0
135°	1	1	1	1	1	1
145°	1	1	1	1	1	1
155°	1	1	1	1	1	0
165°	1	1	1	1	1	0
175°	1	1	1	1	1	0
180°	1	1	1	1	1	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	314.9	314.9	314.9	314.9	314.9	314.9	314.9	314.9	314.9	314.9	314.9
0.5°	314.4	316.1	316.3	313.0	314.4	314.5	314.2	316.1	316.6	314.1	316.2
1°	316.3	316.1	318.2	315.1	314.4	314.3	315.2	313.5	316.3	313.7	315.4
1.5°	315.2	315.4	315.5	316.1	314.3	314.3	314.5	314.1	315.5	315.9	317.7
2°	315.2	313.9	316.4	314.3	314.2	314.1	314.9	315.9	316.5	314.9	315.4
2.5°	314.2	315.4	316.1	314.5	314.1	314.2	315.1	312.6	313.8	313.7	315.6
3°	314.0	314.0	316.6	313.1	314.0	314.0	314.0	311.1	314.8	315.6	314.1
3.5°	312.4	313.7	314.8	312.9	313.4	313.6	314.4	313.4	313.8	314.7	314.1
4°	314.3	315.4	314.8	315.8	313.2	313.0	313.2	313.8	314.1	315.8	312.6
4.5°	314.8	313.5	313.5	314.4	312.8	312.6	313.2	313.4	313.4	314.6	313.5
5°	315.4	313.6	313.1	312.1	312.5	312.2	312.7	313.3	313.9	314.6	315.0
5.5°	314.1	312.9	312.2	313.3	312.1	311.8	312.0	313.0	312.3	314.0	313.7
6°	314.2	313.3	312.0	314.1	311.2	311.4	311.3	312.1	314.2	310.5	312.2
6.5°	314.0	313.6	311.5	312.8	311.1	310.7	310.6	310.8	310.8	309.5	313.8
7°	309.9	311.3	310.8	311.7	310.7	310.5	310.2	310.3	313.7	308.6	310.2
7.5°	310.1	310.8	311.5	309.0	310.0	309.8	307.8	310.1	310.9	310.7	312.3
8°	310.5	312.6	310.3	308.9	309.5	309.1	308.5	309.7	310.1	311.3	314.0
8.5°	309.0	308.1	310.3	309.6	309.2	308.8	309.2	310.1	310.9	310.1	312.4
9°	308.3	309.3	310.4	306.9	308.2	308.2	309.3	308.9	310.1	308.2	309.8
9.5°	309.3	310.7	308.4	307.7	307.5	307.3	308.1	307.9	306.7	309.0	309.3
10°	307.7	307.5	306.8	308.8	306.6	306.5	305.5	306.3	306.2	309.0	308.1
10.5°	308.7	304.6	307.5	306.8	305.8	305.7	305.3	304.5	308.2	305.8	308.2
11°	307.5	304.4	306.1	305.6	305.2	304.7	303.9	304.2	305.5	304.3	307.3
11.5°	305.6	304.3	305.8	304.9	304.3	303.6	303.7	303.5	306.5	305.4	306.0
12°	304.7	306.9	303.6	303.1	303.6	302.8	303.8	303.7	303.1	303.1	304.1
12.5°	304.3	303.9	301.6	303.1	302.4	302.2	303.3	303.4	301.1	304.3	304.2
13°	303.9	301.7	300.6	302.4	301.2	300.7	300.3	301.8	301.5	303.8	303.6
13.5°	301.9	300.4	300.2	301.9	300.4	300.1	300.3	300.7	299.8	302.9	302.2
14°	301.8	299.5	299.0	299.7	299.4	299.1	299.1	299.3	298.9	301.6	302.2
14.5°	299.7	300.4	298.7	297.9	298.6	297.2	297.6	297.4	297.7	300.4	301.0
15°	299.7	299.2	295.7	296.9	297.2	296.5	296.4	296.9	297.6	300.4	300.0
15.5°	297.3	297.3	294.8	294.9	296.2	295.5	295.7	295.5	296.5	297.2	300.6
16°	298.4	297.1	294.2	293.7	294.9	294.2	294.5	294.5	296.0	296.2	299.1
16.5°	296.7	294.4	292.8	291.3	294.1	292.8	291.8	293.4	294.1	295.5	295.2
17°	295.3	295.0	290.8	289.4	292.5	291.4	290.9	291.3	292.2	294.1	296.3
17.5°	294.4	293.0	290.3	289.2	291.1	290.1	289.6	289.7	291.3	292.8	294.1
18°	292.4	291.5	289.5	289.9	289.6	288.7	288.4	289.4	289.4	291.7	292.6
18.5°	291.0	290.3	289.4	289.8	288.2	287.9	288.0	287.8	288.3	290.0	291.3
19°	289.5	287.9	287.4	286.7	286.3	286.6	286.2	286.5	287.2	288.0	290.7
19.5°	287.5	287.5	285.6	285.8	285.3	284.6	283.8	284.8	282.6	284.8	288.4
20°	286.7	286.8	284.4	282.3	283.9	282.8	283.5	283.5	282.8	285.9	287.1
20.5°	286.0	284.7	283.3	281.1	282.6	281.7	281.8	281.6	281.2	284.7	285.4
21°	283.7	281.9	281.9	279.6	280.9	279.7	279.4	279.9	282.5	282.6	283.2



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	278.5	277.2	275.8	274.8	275.9	275.2	276.1	275.4	277.1	279.1	277.6
23°	276.4	276.7	274.0	272.6	274.3	273.5	273.9	273.9	273.1	276.3	276.6
23.5°	275.5	274.6	272.7	270.5	272.0	271.5	271.8	271.7	271.0	273.4	275.8
24°	274.0	270.8	270.9	268.8	270.9	269.7	270.0	270.1	271.0	271.2	274.2
24.5°	272.3	269.9	268.9	267.8	268.8	268.0	268.0	268.3	268.2	268.9	273.4
25°	269.4	268.7	267.3	265.1	266.9	266.1	265.8	265.8	267.9	267.4	272.5
25.5°	267.2	265.6	265.5	262.7	264.7	264.4	263.7	264.6	266.8	266.9	270.4
26°	266.1	265.3	262.4	261.7	262.6	262.1	261.8	263.1	262.9	265.2	268.9
26.5°	263.6	262.6	261.3	260.9	260.7	260.2	259.1	260.5	262.1	262.9	265.5
27°	261.5	260.7	259.4	256.7	259.1	258.3	258.0	258.8	259.3	261.7	263.4
27.5°	260.0	258.8	256.4	255.2	256.7	256.1	255.3	256.5	258.0	259.1	261.3
28°	257.3	256.0	254.0	254.8	254.4	254.0	253.3	254.0	255.0	256.2	258.8
28.5°	255.1	253.3	252.4	251.3	252.2	251.7	250.7	251.5	252.9	254.1	256.7
29°	252.8	252.2	251.2	249.3	250.7	250.1	250.2	250.7	250.4	250.7	254.5
29.5°	251.5	250.1	248.4	246.5	248.4	247.9	247.3	248.3	247.9	248.6	252.8
30°	248.7	247.7	245.5	245.8	245.5	245.5	244.1	245.3	245.9	247.4	249.9
30.5°	246.7	245.4	243.6	242.7	243.3	242.8	242.2	242.6	244.8	244.3	247.6
31°	244.0	243.6	242.3	239.3	241.4	240.6	240.6	240.9	242.4	243.3	245.5
31.5°	241.7	241.0	239.5	236.3	238.7	238.2	237.7	238.2	240.2	240.5	242.9
32°	238.8	237.8	236.5	234.8	236.5	236.0	235.3	235.7	237.5	237.1	240.5
32.5°	236.5	236.0	233.6	233.3	234.1	233.6	233.4	233.8	234.0	235.5	237.7
33°	234.6	233.3	231.9	231.0	231.9	231.1	230.7	230.9	232.1	233.1	235.9
33.5°	232.2	230.1	228.5	228.7	228.9	228.6	227.6	228.7	230.1	230.3	233.5
34°	229.8	227.3	226.0	226.1	226.5	226.1	225.8	226.0	227.1	228.3	231.1
34.5°	227.1	225.6	223.7	223.1	224.1	223.4	223.3	223.5	225.0	226.9	228.9
35°	225.2	223.1	220.8	220.1	221.4	220.9	220.2	220.7	221.8	223.8	225.9
35.5°	222.4	220.8	218.9	217.3	218.7	218.4	218.1	218.1	219.0	221.1	223.8
36°	219.2	218.9	216.3	215.6	216.2	215.8	215.3	215.4	217.1	218.5	221.3
36.5°	216.6	216.0	213.6	213.2	213.7	213.0	212.9	212.7	214.2	215.4	218.5
37°	213.7	212.8	211.0	209.7	210.9	210.6	210.1	209.9	211.4	213.0	216.6
37.5°	211.3	209.6	208.5	206.7	208.2	207.8	207.3	207.3	208.4	210.4	213.8
38°	208.9	207.0	205.5	204.1	205.5	205.0	204.6	204.8	206.5	207.6	210.6
38.5°	206.2	204.0	203.1	201.0	202.6	202.2	201.9	202.0	203.3	204.6	207.9
39°	203.5	201.3	199.9	197.8	200.1	199.6	198.6	199.1	200.7	201.5	205.1
39.5°	200.8	198.6	197.0	194.8	197.0	196.5	195.5	196.8	197.4	199.3	201.7
40°	198.1	196.5	194.0	192.6	194.3	194.2	193.4	193.7	195.0	196.1	198.9
40.5°	195.4	193.4	191.3	189.7	191.5	191.1	190.2	190.6	192.0	193.4	195.5
41°	192.1	191.3	188.5	187.0	188.8	188.0	187.2	188.4	189.1	191.5	192.3
41.5°	189.3	188.6	185.8	185.1	186.1	184.9	184.7	185.1	186.0	188.3	189.7
42°	186.7	185.1	182.9	182.2	183.1	182.1	181.6	181.7	183.0	184.9	187.4
42.5°	184.3	182.0	180.1	178.6	180.1	179.0	178.4	178.4	179.9	181.4	184.2
43°	181.9	178.8	177.0	175.4	176.7	175.9	175.2	175.3	176.7	177.7	180.9
43.5°	178.7	175.6	173.9	172.2	173.5	172.6	171.8	171.9	173.2	175.2	177.8



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	168.6	166.9	164.4	163.5	163.7	162.8	161.9	162.3	163.2	164.9	167.9
45.5°	165.4	163.7	161.2	160.7	160.5	159.4	158.6	158.6	160.0	161.6	164.3
46°	162.3	160.5	158.1	157.8	156.9	156.1	155.5	155.2	156.6	158.4	161.0
46.5°	159.0	157.0	155.0	153.6	153.7	152.7	152.1	151.6	153.1	155.0	157.2
47°	155.9	153.8	151.8	150.1	150.4	149.5	148.5	148.5	149.8	151.2	153.7
47.5°	152.7	150.9	148.9	146.9	147.0	146.0	145.1	144.9	146.3	148.1	150.3
48°	149.3	147.1	145.7	143.1	143.7	142.6	141.7	141.4	143.1	145.0	147.1
48.5°	145.9	143.9	142.4	139.7	140.4	139.3	138.3	138.1	139.6	141.8	143.7
49°	142.7	140.6	139.3	137.0	137.1	136.1	134.8	134.9	136.2	138.0	140.3
49.5°	139.0	137.2	135.8	133.8	133.6	132.7	131.2	131.4	132.0	134.5	136.9
50°	135.7	133.6	131.9	130.2	130.3	128.9	128.1	127.9	128.8	131.2	133.4
50.5°	132.4	130.2	128.2	127.0	127.1	125.7	124.6	124.6	125.5	127.8	129.7
51°	129.3	127.3	125.0	123.8	123.9	122.6	121.1	120.9	122.1	124.1	126.3
51.5°	126.0	123.7	121.9	120.5	120.6	119.4	118.0	117.7	118.9	120.5	123.2
52°	122.9	120.3	118.7	117.2	117.4	116.2	114.8	114.5	115.2	117.3	120.2
52.5°	119.7	117.3	115.4	114.0	114.3	112.8	111.4	111.2	111.9	113.5	116.8
53°	116.4	114.3	112.3	110.9	111.0	109.5	108.3	107.7	108.6	110.4	113.5
53.5°	113.2	111.1	109.1	107.7	107.8	106.3	105.0	104.4	105.2	107.3	109.9
54°	109.9	107.8	105.9	104.3	104.8	103.1	102.0	101.1	102.2	104.1	106.7
54.5°	106.8	104.8	102.9	101.2	101.7	100.1	98.8	98.0	99.1	100.7	103.3
55°	103.8	101.5	99.9	98.0	98.5	97.0	95.8	94.8	95.9	97.7	100.1
55.5°	100.6	98.5	96.7	94.8	95.4	93.9	92.5	92.2	93.2	94.4	96.9
56°	97.4	95.4	93.7	91.7	92.5	90.8	89.4	89.1	90.0	91.5	93.8
56.5°	94.2	92.5	90.4	88.8	89.5	87.8	86.6	86.3	87.0	88.4	90.9
57°	91.2	89.5	87.4	86.0	86.8	84.9	83.7	83.3	84.2	85.6	87.8
57.5°	88.4	86.8	84.8	82.8	83.7	82.2	80.7	80.3	81.1	82.7	84.7
58°	85.6	83.8	82.2	80.1	81.0	79.3	77.8	77.4	78.3	79.5	81.8
58.5°	82.7	81.2	79.4	77.5	78.2	76.6	75.1	74.8	75.3	76.6	79.1
59°	79.9	78.6	76.4	74.8	75.3	73.7	72.4	71.7	72.5	73.5	76.0
59.5°	77.1	75.5	73.5	72.1	72.4	71.0	69.5	69.2	69.4	70.8	73.1
60°	74.1	72.6	70.8	69.1	69.8	68.2	66.8	66.3	66.8	68.1	70.1
60.5°	71.5	69.7	68.4	66.4	67.0	65.5	64.2	63.5	64.0	65.6	67.3
61°	68.9	67.2	65.6	63.4	64.3	62.8	61.5	60.9	61.5	62.4	64.7
61.5°	66.3	64.4	63.0	61.0	61.6	60.2	58.9	58.1	58.8	59.8	62.0
62°	63.5	62.3	60.4	58.3	59.0	57.6	56.3	55.9	56.2	57.1	59.3
62.5°	60.9	59.7	57.8	55.9	56.4	55.0	53.9	53.3	53.7	54.6	56.7
63°	58.3	57.0	55.2	53.6	54.0	52.6	51.3	51.0	51.2	52.2	54.1
63.5°	55.6	54.6	52.9	51.2	51.5	50.2	49.0	48.4	48.8	49.9	51.6
64°	53.1	52.1	50.4	48.9	49.0	47.7	46.5	46.0	46.4	47.7	49.2
64.5°	50.8	49.6	47.9	46.5	46.6	45.3	44.2	43.7	44.1	45.3	46.7
65°	48.5	47.3	45.6	44.2	44.3	43.0	41.8	41.5	41.7	42.9	44.2
65.5°	46.0	44.9	43.4	42.0	41.8	40.7	39.7	39.1	39.4	40.4	41.8
66°	43.5	42.4	41.1	39.8	39.7	38.5	37.4	36.9	37.4	38.0	39.5





TEST NUMBER: A2016654D001

CATALOG NUMBER: LT56069FS351EWHR

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	36.7	35.8	34.7	33.5	33.2	32.2	31.3	30.9	31.3	32.0	33.4
68°	34.6	33.8	32.8	31.4	31.2	30.3	29.5	29.1	29.4	30.1	31.5
68.5°	32.6	31.9	30.8	29.7	29.3	28.5	27.7	27.3	27.6	28.3	29.6
69°	30.7	29.8	28.9	27.8	27.6	26.8	26.0	25.5	25.9	26.6	27.9
69.5°	28.8	28.0	27.2	26.3	25.9	25.2	24.5	24.0	24.3	25.1	26.1
70°	27.0	26.4	25.5	24.6	24.3	23.6	22.8	22.6	22.8	23.5	24.5
70.5°	25.3	24.8	24.0	23.2	22.7	22.1	21.5	21.4	21.5	22.1	23.1
71°	23.7	23.3	22.5	21.9	21.5	20.9	20.3	20.1	20.2	20.9	21.6
71.5°	22.4	22.0	21.3	20.6	20.2	19.6	19.1	18.9	19.1	19.6	20.4
72°	21.2	20.7	20.1	19.4	18.9	18.4	18.0	17.8	17.9	18.4	19.2
72.5°	19.9	19.4	18.9	18.2	17.8	17.2	16.9	16.7	16.8	17.3	18.0
73°	18.7	18.3	17.7	17.1	16.6	16.2	15.8	15.7	15.8	16.2	17.0
73.5°	17.7	17.2	16.7	16.2	15.6	15.2	14.9	14.8	14.8	15.2	16.0
74°	16.5	16.2	15.7	15.3	14.7	14.3	13.9	13.9	14.0	14.4	14.9
74.5°	15.5	15.2	14.8	14.4	13.7	13.4	13.0	13.0	13.1	13.4	14.0
75°	14.6	14.3	13.9	13.6	12.9	12.5	12.2	12.2	12.3	12.5	13.1
75.5°	13.8	13.5	13.1	12.7	12.0	11.8	11.5	11.4	11.6	11.9	12.3
76°	12.9	12.7	12.3	11.9	11.2	11.0	10.8	10.7	10.9	11.1	11.6
76.5°	12.1	11.9	11.6	11.2	10.5	10.3	10.0	10.0	10.1	10.3	10.8
77°	11.4	11.1	10.8	10.5	9.8	9.6	9.3	9.3	9.4	9.7	10.0
77.5°	10.7	10.5	10.2	9.8	9.1	8.9	8.8	8.8	8.9	9.0	9.3
78°	9.9	9.8	9.6	9.2	8.6	8.3	8.1	8.0	8.1	8.3	8.8
78.5°	9.2	9.1	8.9	8.6	7.9	7.7	7.6	7.5	7.6	7.8	8.1
79°	8.5	8.5	8.3	8.0	7.3	7.1	7.0	7.0	7.0	7.2	7.6
79.5°	7.7	7.8	7.6	7.4	6.7	6.7	6.4	6.4	6.4	6.7	7.0
80°	7.1	7.2	7.1	6.9	6.2	6.0	5.9	5.9	5.9	6.1	6.4
80.5°	6.5	6.6	6.6	6.4	5.8	5.7	5.6	5.4	5.4	5.8	5.9
81°	6.0	6.1	6.2	6.0	5.3	5.1	5.1	5.1	5.0	5.2	5.6
81.5°	5.7	5.8	5.8	5.6	5.0	5.0	5.1	5.0	4.9	5.0	5.1
82°	5.5	5.4	5.5	5.4	5.0	4.9	4.9	4.5	4.5	4.9	4.9
82.5°	5.0	5.0	5.1	5.0	4.5	4.2	4.2	4.0	4.0	4.2	4.7
83°	4.7	4.6	4.7	4.7	4.0	3.9	3.9	3.7	3.7	3.8	4.2
83.5°	4.2	4.2	4.4	4.4	3.8	3.8	3.7	3.3	3.4	3.7	3.8
84°	3.8	3.9	4.1	4.0	3.4	3.3	3.3	3.0	2.9	3.1	3.7
84.5°	3.5	3.5	3.7	3.6	3.1	3.0	2.9	2.7	2.6	2.8	3.3
85°	3.1	3.1	3.3	3.3	2.7	2.7	2.7	2.2	2.2	2.5	2.9
85.5°	2.8	2.7	3.0	3.0	2.5	2.4	2.2	1.9	1.9	2.1	2.6
86°	2.4	2.4	2.7	2.7	2.0	2.0	1.9	1.7	1.7	1.7	2.2
86.5°	2.0	2.0	2.4	2.4	1.7	1.8	1.7	1.2	1.2	1.5	1.9
87°	1.7	1.7	2.1	2.0	1.5	1.5	1.3	1.0	0.9	1.0	1.7
87.5°	1.3	1.4	1.8	1.8	1.1	1.1	1.0	0.7	0.7	0.8	1.3
88°	1.1	1.2	1.4	1.5	0.8	0.8	0.8	0.5	0.4	0.6	1.0
88.5°	1.0	1.0	1.3	1.2	0.8	0.8	0.7	0.4	0.4	0.3	1.0



TEST NUMBER: A2016654D001

CATALOG NUMBER: LT56069FS351EWHR

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
90°	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.4	0.3	0.4
90.5°	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.3	0.4	0.3	0.4
91°	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.3	0.4	0.3	0.4
91.5°	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.3	0.4	0.3	0.4
92°	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.3	0.4	0.3	0.4
92.5°	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.3	0.4	0.3	0.4
93°	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.3	0.4	0.3	0.4
93.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4
94°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4
94.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
95°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4
95.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4
96°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
96.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
97°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
97.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
98°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
98.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
99°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
99.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
100°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
100.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
101°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
101.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
102°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
102.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
103°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
103.5°	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4
104°	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4
104.5°	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4
105°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
105.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
106°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5
106.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
107°	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.5	0.4	0.4
107.5°	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.4
108°	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.4
108.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.4
109°	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.5	0.4	0.4	0.4
109.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4
110°	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.5	0.5	0.4
110.5°	0.4	0.4	0.4	0.4	0.6	0.4	0.4	0.4	0.5	0.5	0.5
111°	0.4	0.4	0.4	0.4	0.6	0.4	0.4	0.4	0.6	0.5	0.5



TEST NUMBER: A2016654D001

CATALOG NUMBER: LT56069FS351EWHR

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
112.5°	0.4	0.4	0.4	0.4	0.5	0.4	0.5	0.5	0.5	0.5	0.5
113°	0.4	0.4	0.4	0.4	0.5	0.6	0.6	0.6	0.5	0.5	0.5
113.5°	0.4	0.4	0.4	0.4	0.5	0.6	0.6	0.5	0.6	0.5	0.5
114°	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.5	0.6	0.5	0.5
114.5°	0.4	0.4	0.4	0.4	0.6	0.5	0.5	0.5	0.6	0.5	0.5
115°	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.5	0.5
115.5°	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.5	0.6	0.5	0.5
116°	0.4	0.4	0.4	0.4	0.6	0.5	0.6	0.5	0.6	0.5	0.5
116.5°	0.4	0.4	0.4	0.4	0.6	0.5	0.6	0.5	0.6	0.5	0.6
117°	0.4	0.4	0.4	0.4	0.6	0.6	0.6	0.6	0.6	0.5	0.5
117.5°	0.4	0.4	0.4	0.4	0.6	0.6	0.6	0.6	0.6	0.5	0.5
118°	0.4	0.4	0.4	0.4	0.6	0.6	0.6	0.6	0.7	0.6	0.6
118.5°	0.4	0.4	0.4	0.4	0.6	0.6	0.6	0.6	0.7	0.6	0.6
119°	0.4	0.4	0.4	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6
119.5°	0.4	0.4	0.4	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6
120°	0.4	0.4	0.4	0.4	0.6	0.6	0.6	0.7	0.6	0.6	0.6
120.5°	0.4	0.4	0.4	0.4	0.6	0.6	0.6	0.7	0.7	0.6	0.7
121°	0.4	0.4	0.4	0.4	0.7	0.7	0.6	0.6	0.7	0.6	0.7
121.5°	0.4	0.4	0.4	0.4	0.7	0.7	0.6	0.6	0.7	0.7	0.6
122°	0.4	0.4	0.4	0.4	0.6	0.6	0.6	0.6	0.7	0.6	0.6
122.5°	0.4	0.4	0.4	0.4	0.8	0.6	0.6	0.6	0.7	0.6	0.6
123°	0.4	0.4	0.4	0.4	0.8	0.6	0.8	0.6	0.7	0.6	0.8
123.5°	0.4	0.4	0.4	0.4	0.7	0.6	0.8	0.6	0.8	0.6	0.7
124°	0.4	0.4	0.4	0.4	0.7	0.6	0.7	0.6	0.8	0.6	0.7
124.5°	0.4	0.4	0.4	0.4	0.8	0.7	0.7	0.6	0.8	0.6	0.8
125°	0.4	0.4	0.4	0.4	0.8	0.7	0.7	0.6	0.8	0.8	0.8
125.5°	0.4	0.4	0.4	0.4	0.8	0.7	0.7	0.6	0.8	0.8	0.8
126°	0.4	0.4	0.4	0.4	0.8	0.7	0.7	0.8	0.9	0.8	0.8
126.5°	0.4	0.4	0.4	0.4	0.8	0.7	0.7	0.7	0.9	0.8	0.8
127°	0.4	0.4	0.4	0.4	0.8	0.8	0.7	0.8	0.8	0.8	0.8
127.5°	0.4	0.4	0.4	0.4	0.8	0.7	0.8	0.8	0.8	0.8	0.8
128°	0.4	0.4	0.4	0.4	0.8	0.7	0.8	0.8	0.8	0.8	0.8
128.5°	0.4	0.4	0.4	0.4	0.8	0.8	0.8	0.8	1.0	0.8	0.8
129°	0.4	0.4	0.4	0.4	0.9	0.8	0.8	0.8	0.9	0.8	0.8
129.5°	0.4	0.4	0.4	0.4	0.8	0.8	0.8	0.8	0.9	0.8	0.9
130°	0.6	0.4	0.4	0.4	0.8	0.8	0.8	0.9	0.9	0.8	0.9
130.5°	0.6	0.4	0.4	0.4	0.8	0.9	0.8	0.9	1.0	0.8	0.8
131°	0.7	0.4	0.4	0.4	0.9	0.9	0.8	0.8	1.0	0.8	0.8
131.5°	0.8	0.5	0.4	0.5	0.9	0.8	0.8	0.8	1.0	0.9	0.9
132°	0.8	0.6	0.4	0.6	1.0	0.8	0.8	0.8	1.0	0.8	0.9
132.5°	0.9	0.7	0.4	0.8	1.0	0.8	0.9	0.9	1.0	0.8	0.8
133°	1.0	0.7	0.5	0.8	0.9	0.8	0.9	0.9	1.0	0.8	1.0
133.5°	1.0	0.8	0.5	0.8	0.9	0.9	0.8	0.9	1.0	0.9	1.0



TEST NUMBER: A2016654D001

CATALOG NUMBER: LT56069FS351EWHR

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
135°	1.0	0.9	0.8	1.0	1.0	1.0	0.8	0.9	1.1	1.0	0.9
135.5°	1.0	1.0	0.8	1.0	1.0	0.9	0.9	0.9	1.0	0.9	0.9
136°	1.0	1.0	0.8	1.1	1.0	0.9	0.9	0.9	1.0	0.9	0.9
136.5°	1.0	1.0	0.9	1.1	1.0	0.9	0.9	1.0	1.0	0.9	1.0
137°	1.0	1.0	0.9	1.0	1.0	0.9	0.9	1.0	1.0	0.9	1.0
137.5°	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.9	1.0
138°	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.9	1.0
138.5°	1.0	1.0	0.9	1.0	1.1	0.9	0.9	1.0	1.0	0.9	1.0
139°	1.0	1.0	0.9	1.0	1.1	0.9	0.9	1.0	1.1	1.0	1.0
139.5°	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0
140°	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.2	1.0	1.0
140.5°	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.2	1.0	1.0
141°	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.2	1.0	1.1
141.5°	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.2	1.1	1.0
142°	1.0	1.0	0.9	1.0	1.0	1.1	1.0	1.0	1.2	1.1	1.0
142.5°	1.0	1.0	0.9	1.0	1.1	1.1	1.0	1.0	1.2	1.0	1.1
143°	1.0	1.0	0.9	1.0	1.1	1.0	1.0	1.0	1.2	1.0	1.1
143.5°	1.0	1.0	0.9	1.0	1.1	1.0	1.0	1.0	1.2	1.0	1.1
144°	1.0	1.0	0.9	1.0	1.1	1.0	1.0	1.1	1.2	1.2	1.1
144.5°	1.0	1.0	0.9	1.0	1.2	1.0	1.0	1.1	1.3	1.1	1.1
145°	1.0	1.0	0.9	1.0	1.1	1.0	1.1	1.2	1.2	1.1	1.1
145.5°	1.0	1.0	0.9	1.0	1.2	1.0	1.1	1.2	1.2	1.2	1.2
146°	1.0	1.0	0.9	1.0	1.2	1.0	1.1	1.2	1.2	1.2	1.2
146.5°	1.0	1.0	0.9	1.0	1.2	1.0	1.0	1.2	1.2	1.1	1.2
147°	1.0	1.0	0.9	1.0	1.2	1.0	1.2	1.2	1.2	1.2	1.2
147.5°	1.0	1.0	0.9	1.0	1.2	1.0	1.2	1.2	1.2	1.2	1.3
148°	1.0	1.0	0.9	1.0	1.2	1.0	1.1	1.2	1.2	1.2	1.2
148.5°	1.0	1.0	0.9	1.0	1.2	1.0	1.1	1.2	1.2	1.2	1.2
149°	1.0	1.0	0.9	1.0	1.2	1.0	1.2	1.2	1.2	1.3	1.3
149.5°	1.0	1.0	0.9	1.0	1.2	1.0	1.2	1.2	1.2	1.3	1.3
150°	1.0	1.0	0.9	1.0	1.2	1.0	1.1	1.2	1.2	1.2	1.3
150.5°	1.0	1.0	0.9	1.0	1.3	1.0	1.1	1.2	1.2	1.2	1.3
151°	1.0	1.0	0.9	1.0	1.3	1.0	1.1	1.2	1.2	1.2	1.3
151.5°	1.0	1.0	0.9	1.0	1.3	1.0	1.1	1.2	1.2	1.2	1.3
152°	1.0	1.0	0.9	1.0	1.3	1.0	1.1	1.2	1.2	1.2	1.3
152.5°	1.0	1.0	0.9	1.0	1.3	1.0	1.1	1.2	1.2	1.2	1.3
153°	1.0	1.0	0.9	1.0	1.3	1.0	1.1	1.2	1.2	1.2	1.3
153.5°	1.0	1.0	0.9	1.0	1.3	1.0	1.1	1.2	1.2	1.2	1.3
154°	1.0	1.0	0.9	1.0	1.3	1.0	1.1	1.2	1.2	1.3	1.3
154.5°	1.0	1.0	1.0	1.0	1.3	1.0	1.1	1.2	1.2	1.3	1.3
155°	1.0	1.1	1.0	1.0	1.3	1.0	1.1	1.2	1.2	1.3	1.3
155.5°	1.0	1.1	1.0	1.0	1.3	1.0	1.1	1.2	1.2	1.3	1.3
156°	1.0	1.1	1.0	1.0	1.3	1.0	1.1	1.2	1.2	1.3	1.3



TEST NUMBER: A2016654D001

CATALOG NUMBER: LT56069FS351EWHR

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
157.5°	1.1	1.2	1.0	1.0	1.3	1.0	1.1	1.2	1.2	1.3	1.3
158°	1.1	1.2	1.1	1.0	1.3	1.0	1.1	1.2	1.2	1.3	1.3
158.5°	1.1	1.2	1.1	1.0	1.3	1.0	1.1	1.2	1.2	1.3	1.3
159°	1.1	1.2	1.1	1.0	1.3	1.0	1.1	1.2	1.2	1.3	1.3
159.5°	1.2	1.2	1.0	1.0	1.3	1.0	1.1	1.2	1.2	1.3	1.3
160°	1.2	1.2	1.1	1.0	1.3	1.0	1.1	1.2	1.2	1.3	1.3
160.5°	1.2	1.2	1.2	1.0	1.3	1.0	1.1	1.2	1.2	1.3	1.3
161°	1.2	1.3	1.2	1.0	1.3	1.0	1.1	1.2	1.2	1.3	1.3
161.5°	1.3	1.3	1.1	1.0	1.3	1.0	1.1	1.2	1.2	1.3	1.3
162°	1.3	1.3	1.1	1.0	1.3	1.0	1.1	1.2	1.2	1.3	1.3
162.5°	1.3	1.3	1.1	1.0	1.3	1.0	1.1	1.2	1.2	1.3	1.3
163°	1.3	1.3	1.1	1.0	1.3	1.0	1.1	1.2	1.2	1.3	1.3
163.5°	1.3	1.3	1.1	1.0	1.3	1.0	1.1	1.2	1.2	1.3	1.3
164°	1.3	1.3	1.2	1.0	1.3	1.0	1.1	1.2	1.2	1.3	1.3
164.5°	1.3	1.3	1.2	1.1	1.3	1.0	1.1	1.2	1.2	1.3	1.3
165°	1.3	1.3	1.2	1.1	1.3	1.0	1.1	1.2	1.2	1.3	1.3
165.5°	1.3	1.3	1.2	1.1	1.3	1.0	1.1	1.2	1.2	1.3	1.3
166°	1.3	1.3	1.2	1.1	1.3	1.0	1.1	1.2	1.2	1.3	1.3
166.5°	1.3	1.3	1.2	1.1	1.3	1.0	1.1	1.2	1.2	1.3	1.3
167°	1.3	1.3	1.2	1.1	1.3	1.0	1.1	1.2	1.2	1.3	1.3
167.5°	1.3	1.3	1.2	1.1	1.3	1.0	1.1	1.2	1.2	1.3	1.3
168°	1.3	1.3	1.2	1.1	1.3	1.0	1.1	1.2	1.2	1.3	1.3
168.5°	1.3	1.3	1.2	1.1	1.3	1.0	1.1	1.2	1.2	1.3	1.3
169°	1.3	1.3	1.2	1.1	1.3	1.0	1.1	1.2	1.2	1.3	1.3
169.5°	1.3	1.3	1.2	1.1	1.3	1.0	1.1	1.2	1.2	1.3	1.3
170°	1.3	1.3	1.2	1.1	1.3	1.0	1.1	1.2	1.2	1.3	1.3
170.5°	1.3	1.3	1.2	1.1	1.3	1.0	1.1	1.2	1.2	1.3	1.3
171°	1.3	1.3	1.2	1.1	1.3	1.0	1.1	1.2	1.2	1.3	1.3
171.5°	1.3	1.3	1.2	1.1	1.3	1.0	1.1	1.2	1.2	1.3	1.3
172°	1.3	1.3	1.2	1.1	1.3	1.0	1.1	1.2	1.2	1.3	1.3
172.5°	1.3	1.3	1.2	1.1	1.3	1.0	1.1	1.2	1.2	1.3	1.3
173°	1.3	1.3	1.2	1.1	1.3	1.0	1.1	1.2	1.2	1.3	1.3
173.5°	1.3	1.3	1.2	1.1	1.3	1.0	1.1	1.2	1.2	1.3	1.3
174°	1.3	1.3	1.2	1.1	1.3	1.0	1.1	1.2	1.2	1.3	1.3
174.5°	1.3	1.3	1.2	1.1	1.3	1.0	1.1	1.2	1.2	1.3	1.3
175°	1.3	1.3	1.2	1.1	1.3	1.0	1.1	1.2	1.2	1.3	1.3
175.5°	1.3	1.3	1.2	1.1	1.3	1.0	1.1	1.2	1.2	1.3	1.3
176°	1.3	1.3	1.2	1.1	1.3	1.0	1.1	1.2	1.2	1.3	1.3
176.5°	1.3	1.3	1.2	1.1	1.3	1.0	1.1	1.2	1.2	1.3	1.3
177°	1.3	1.3	1.2	1.1	1.3	1.0	1.1	1.2	1.2	1.3	1.3
177.5°	1.3	1.3	1.2	1.1	1.3	1.0	1.1	1.2	1.2	1.3	1.3
178°	1.3	1.3	1.2	1.1	1.3	1.0	1.1	1.2	1.2	1.3	1.3
178.5°	1.3	1.3	1.2	1.1	1.3	1.0	1.1	1.2	1.2	1.3	1.3



TEST NUMBER: A2016654D001

CATALOG NUMBER: LT56069FS351EWHR

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
180°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3



TEST NUMBER: A2016654D001

CATALOG NUMBER: LT56069FS351EWHR

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
0°	314.9	314.9	314.9	314.9	314.9	314.9
0.5°	315.7	314.4	314.8	316.2	315.1	314.4
1°	314.4	314.5	315.1	315.6	315.0	316.3
1.5°	317.3	314.5	314.8	314.3	313.0	315.2
2°	317.0	314.5	314.6	314.4	312.1	315.2
2.5°	316.5	314.5	314.5	315.0	313.1	314.2
3°	317.1	314.5	314.6	314.9	314.3	314.0
3.5°	316.4	314.4	314.4	315.1	314.8	312.4
4°	316.0	314.1	314.2	314.2	314.4	314.3
4.5°	312.1	313.9	314.1	315.4	314.1	314.8
5°	315.6	313.6	313.6	316.1	313.0	315.4
5.5°	315.3	313.1	313.5	314.8	313.7	314.1
6°	314.0	312.8	312.8	312.2	314.7	314.2
6.5°	314.5	312.2	312.7	313.3	312.6	314.0
7°	313.6	311.9	311.5	313.0	312.3	309.9
7.5°	312.9	311.3	311.2	312.1	310.6	310.1
8°	312.9	310.7	310.9	311.7	310.0	310.5
8.5°	312.0	310.1	310.3	310.7	312.2	309.0
9°	311.8	309.5	309.4	308.8	309.5	308.3
9.5°	311.5	308.8	309.3	310.1	309.5	309.3
10°	310.2	308.1	308.0	307.7	309.6	307.7
10.5°	309.6	307.3	307.8	307.8	307.9	308.7
11°	307.0	306.6	306.9	309.2	305.9	307.5
11.5°	306.6	305.7	306.3	304.3	305.8	305.6
12°	307.4	305.1	305.7	303.7	305.9	304.7
12.5°	305.4	304.0	305.3	306.8	304.5	304.3
13°	304.1	303.1	303.9	305.7	302.5	303.9
13.5°	303.6	302.2	303.2	303.0	301.0	301.9
14°	302.9	301.2	301.7	301.4	302.6	301.8
14.5°	301.2	300.2	300.6	301.2	301.4	299.7
15°	300.9	299.1	299.6	299.9	299.2	299.7
15.5°	299.5	298.0	298.6	298.5	299.7	297.3
16°	298.7	296.7	297.1	296.4	299.3	298.4
16.5°	297.8	295.5	296.3	295.8	296.3	296.7
17°	296.4	294.2	295.2	294.4	294.8	295.3
17.5°	296.0	293.0	293.5	294.1	293.1	294.4
18°	294.2	291.8	292.6	292.7	293.4	292.4
18.5°	293.3	290.6	291.1	291.2	291.6	291.0
19°	291.4	289.2	290.1	289.5	290.1	289.5
19.5°	290.6	287.6	288.6	288.6	288.2	287.5
20°	288.6	286.4	287.0	287.2	286.8	286.7
20.5°	286.2	284.8	285.2	286.1	284.3	286.0
21°	285.2	283.3	284.1	284.5	283.6	283.7



TEST NUMBER: A2016654D001

CATALOG NUMBER: LT56069FS351EWHR

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	280.2	278.7	279.2	280.0	279.5	278.5
23°	278.7	277.1	277.6	278.9	278.7	276.4
23.5°	277.1	275.7	276.0	276.7	276.4	275.5
24°	276.8	273.8	274.3	274.2	273.7	274.0
24.5°	274.1	272.0	272.5	273.2	272.5	272.3
25°	272.4	270.1	270.7	271.6	270.5	269.4
25.5°	270.6	268.2	268.7	268.8	269.1	267.2
26°	267.9	266.3	266.9	266.6	266.6	266.1
26.5°	265.6	264.4	264.8	265.0	265.0	263.6
27°	264.6	262.5	263.4	263.1	263.3	261.5
27.5°	262.2	260.4	261.2	260.7	261.4	260.0
28°	260.5	258.3	259.0	259.2	258.0	257.3
28.5°	257.9	256.1	256.7	256.8	255.8	255.1
29°	255.9	254.0	254.6	254.6	253.8	252.8
29.5°	253.1	251.8	252.0	251.8	252.7	251.5
30°	251.1	249.8	250.3	250.4	250.7	248.7
30.5°	249.6	247.6	248.2	248.4	248.2	246.7
31°	248.5	245.2	246.1	245.8	245.2	244.0
31.5°	246.9	243.1	243.6	243.4	243.4	241.7
32°	244.1	240.7	241.4	241.4	241.4	238.8
32.5°	241.6	238.3	239.0	238.9	237.8	236.5
33°	238.6	235.9	236.5	236.6	236.0	234.6
33.5°	236.4	233.5	234.0	234.4	234.0	232.2
34°	233.5	231.0	231.5	232.0	231.2	229.8
34.5°	231.8	228.3	229.1	229.1	229.1	227.1
35°	229.1	225.9	226.5	226.2	226.9	225.2
35.5°	227.3	223.2	223.9	224.1	223.7	222.4
36°	224.3	220.6	221.2	221.4	220.5	219.2
36.5°	222.2	218.2	218.7	219.0	218.5	216.6
37°	219.6	215.6	216.1	216.3	216.4	213.7
37.5°	217.4	212.9	213.4	213.5	213.1	211.3
38°	214.4	210.2	210.8	210.8	210.0	208.9
38.5°	210.7	207.3	208.0	208.5	207.7	206.2
39°	208.0	204.5	205.2	205.6	205.4	203.5
39.5°	204.7	201.8	202.5	202.7	202.6	200.8
40°	201.2	198.9	199.5	200.0	200.1	198.1
40.5°	198.2	196.0	196.7	197.0	196.2	195.4
41°	195.1	193.2	193.9	194.5	193.2	192.1
41.5°	192.1	190.2	191.1	191.3	190.8	189.3
42°	189.6	187.4	188.2	188.3	187.8	186.7
42.5°	186.5	184.6	185.5	185.7	185.6	184.3
43°	183.5	181.6	182.5	182.9	182.6	181.9
43.5°	180.8	178.4	179.5	179.9	179.6	178.7





TEST NUMBER: A2016654D001

CATALOG NUMBER: LT56069FS351EWHR

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
45°	170.9	169.1	169.9	170.2	169.9	168.6
45.5°	167.4	165.8	167.0	167.2	166.7	165.4
46°	163.9	162.5	163.6	164.1	163.5	162.3
46.5°	160.4	159.1	160.3	160.7	160.1	159.0
47°	157.0	155.8	156.9	157.6	156.9	155.9
47.5°	153.3	152.4	153.5	154.2	153.6	152.7
48°	149.9	149.1	150.4	151.0	150.4	149.3
48.5°	146.8	145.7	146.9	147.5	147.3	145.9
49°	143.4	142.3	143.6	144.3	144.1	142.7
49.5°	139.2	138.9	140.2	141.0	141.0	139.0
50°	135.6	135.4	136.8	137.6	137.3	135.7
50.5°	132.4	132.0	133.3	134.2	134.0	132.4
51°	129.1	128.5	129.9	130.9	130.8	129.3
51.5°	125.6	125.0	126.6	127.7	127.6	126.0
52°	122.4	121.7	123.3	124.2	124.1	122.9
52.5°	119.1	118.5	120.0	121.0	120.9	119.7
53°	115.8	115.1	116.7	117.7	117.5	116.4
53.5°	112.4	111.7	113.4	114.4	114.4	113.2
54°	109.2	108.4	110.0	111.1	111.2	109.9
54.5°	106.1	105.2	106.8	107.9	108.0	106.8
55°	103.1	102.0	103.6	104.8	104.7	103.8
55.5°	100.1	98.7	100.4	101.5	101.8	100.6
56°	96.8	95.5	97.2	98.5	98.6	97.4
56.5°	93.6	92.3	94.1	95.3	95.5	94.2
57°	90.6	89.2	90.9	92.1	92.3	91.2
57.5°	87.6	86.0	87.8	89.0	89.2	88.4
58°	84.8	83.1	84.9	86.4	86.5	85.6
58.5°	81.9	80.3	82.1	83.5	83.5	82.7
59°	79.0	77.4	79.3	80.4	80.6	79.9
59.5°	76.0	74.7	76.3	77.6	77.7	77.1
60°	72.8	71.7	73.5	74.7	75.0	74.1
60.5°	70.0	68.9	70.7	72.1	72.3	71.5
61°	67.1	66.2	67.9	69.3	69.6	68.9
61.5°	64.3	63.5	65.2	66.6	66.7	66.3
62°	61.6	60.8	62.5	63.9	64.1	63.5
62.5°	58.9	58.4	59.9	61.1	61.4	60.9
63°	56.4	55.8	57.4	58.7	58.9	58.3
63.5°	53.7	53.4	54.9	56.0	56.3	55.6
64°	51.4	50.9	52.3	53.7	54.0	53.1
64.5°	48.8	48.5	50.0	51.2	51.4	50.8
65°	46.2	46.1	47.6	48.6	48.9	48.5
65.5°	43.9	43.8	45.2	46.3	46.4	46.0
66°	41.6	41.5	42.9	43.9	44.1	43.5



TEST NUMBER: A2016654D001

CATALOG NUMBER: LT56069FS351EWHR

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	35.0	35.1	36.1	37.1	37.2	36.7
68°	33.0	33.0	34.2	35.0	35.1	34.6
68.5°	31.1	31.2	32.2	32.9	33.1	32.6
69°	29.3	29.3	30.3	31.0	31.1	30.7
69.5°	27.4	27.5	28.4	29.2	29.2	28.8
70°	25.8	25.9	26.7	27.4	27.4	27.0
70.5°	24.2	24.3	25.1	25.7	25.7	25.3
71°	22.7	22.9	23.6	24.2	24.1	23.7
71.5°	21.4	21.6	22.3	22.7	22.7	22.4
72°	20.1	20.4	21.0	21.4	21.4	21.2
72.5°	18.8	19.2	19.7	20.2	20.1	19.9
73°	17.6	18.0	18.6	18.9	18.9	18.7
73.5°	16.6	17.0	17.4	17.8	17.9	17.7
74°	15.6	16.0	16.4	16.7	16.8	16.5
74.5°	14.6	15.1	15.5	15.7	15.8	15.5
75°	13.6	14.2	14.5	14.8	14.8	14.6
75.5°	12.9	13.3	13.7	13.9	13.9	13.8
76°	12.0	12.5	12.8	13.1	13.1	12.9
76.5°	11.2	11.8	12.0	12.3	12.3	12.1
77°	10.5	11.0	11.3	11.5	11.6	11.4
77.5°	9.8	10.3	10.6	10.8	10.8	10.7
78°	9.1	9.6	10.0	10.2	10.1	9.9
78.5°	8.5	9.0	9.3	9.5	9.5	9.2
79°	7.8	8.5	8.7	8.8	8.8	8.5
79.5°	7.3	7.8	8.1	8.2	8.1	7.7
80°	6.8	7.3	7.5	7.6	7.5	7.1
80.5°	6.2	6.7	6.9	7.0	6.9	6.5
81°	5.8	6.3	6.4	6.5	6.3	6.0
81.5°	5.3	5.9	6.1	6.1	6.0	5.7
82°	5.1	5.6	5.6	5.7	5.6	5.5
82.5°	5.1	5.3	5.4	5.4	5.1	5.0
83°	4.3	5.0	5.0	5.1	4.9	4.7
83.5°	4.0	4.6	4.7	4.8	4.4	4.2
84°	3.8	4.3	4.4	4.4	4.0	3.8
84.5°	3.4	4.0	4.1	4.1	3.7	3.5
85°	3.1	3.6	3.7	3.7	3.4	3.1
85.5°	2.8	3.3	3.4	3.3	3.0	2.8
86°	2.4	3.0	3.1	3.1	2.6	2.4
86.5°	2.1	2.6	2.7	2.6	2.3	2.0
87°	1.8	2.4	2.4	2.4	1.9	1.7
87.5°	1.5	2.1	2.1	2.1	1.6	1.3
88°	1.2	1.7	1.8	1.8	1.4	1.1
88.5°	0.8	1.5	1.5	1.5	1.2	1.0



TEST NUMBER: A2016654D001

CATALOG NUMBER: LT56069FS351EWHR

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
90°	0.5	0.5	0.5	0.6	0.5	0.5
90.5°	0.4	0.5	0.4	0.5	0.4	0.4
91°	0.4	0.4	0.4	0.4	0.4	0.4
91.5°	0.4	0.4	0.4	0.4	0.4	0.4
92°	0.4	0.4	0.4	0.4	0.4	0.4
92.5°	0.4	0.4	0.4	0.4	0.4	0.4
93°	0.4	0.4	0.4	0.4	0.4	0.4
93.5°	0.4	0.4	0.4	0.4	0.4	0.4
94°	0.4	0.4	0.4	0.4	0.4	0.4
94.5°	0.4	0.4	0.4	0.4	0.4	0.4
95°	0.4	0.4	0.4	0.4	0.4	0.4
95.5°	0.4	0.4	0.4	0.4	0.4	0.4
96°	0.4	0.4	0.4	0.4	0.4	0.4
96.5°	0.4	0.4	0.4	0.4	0.4	0.4
97°	0.4	0.4	0.4	0.4	0.4	0.4
97.5°	0.4	0.4	0.4	0.4	0.4	0.4
98°	0.4	0.4	0.4	0.4	0.4	0.4
98.5°	0.4	0.4	0.4	0.4	0.4	0.4
99°	0.4	0.4	0.4	0.4	0.4	0.4
99.5°	0.4	0.4	0.4	0.4	0.4	0.4
100°	0.4	0.4	0.4	0.4	0.4	0.4
100.5°	0.4	0.4	0.4	0.4	0.4	0.4
101°	0.4	0.4	0.4	0.4	0.4	0.4
101.5°	0.4	0.4	0.4	0.4	0.4	0.4
102°	0.4	0.4	0.4	0.4	0.4	0.4
102.5°	0.4	0.4	0.4	0.4	0.4	0.4
103°	0.4	0.4	0.4	0.4	0.4	0.4
103.5°	0.4	0.4	0.4	0.4	0.4	0.4
104°	0.4	0.4	0.4	0.4	0.4	0.4
104.5°	0.4	0.4	0.4	0.4	0.4	0.4
105°	0.5	0.4	0.4	0.4	0.4	0.4
105.5°	0.4	0.4	0.4	0.4	0.4	0.4
106°	0.4	0.4	0.4	0.4	0.4	0.4
106.5°	0.4	0.4	0.4	0.4	0.4	0.4
107°	0.4	0.4	0.4	0.4	0.4	0.4
107.5°	0.4	0.4	0.4	0.4	0.4	0.4
108°	0.4	0.4	0.4	0.4	0.4	0.4
108.5°	0.4	0.4	0.4	0.4	0.4	0.4
109°	0.4	0.4	0.4	0.4	0.4	0.4
109.5°	0.4	0.4	0.4	0.4	0.4	0.4
110°	0.4	0.4	0.4	0.4	0.4	0.4
110.5°	0.5	0.4	0.4	0.4	0.4	0.4
111°	0.5	0.4	0.4	0.4	0.4	0.4



TEST NUMBER: A2016654D001

CATALOG NUMBER: LT56069FS351EWHR

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
112.5°	0.5	0.4	0.4	0.4	0.4	0.4
113°	0.5	0.4	0.4	0.4	0.4	0.4
113.5°	0.5	0.4	0.4	0.4	0.4	0.4
114°	0.5	0.4	0.4	0.4	0.4	0.4
114.5°	0.6	0.4	0.4	0.4	0.4	0.4
115°	0.6	0.4	0.4	0.4	0.4	0.4
115.5°	0.6	0.4	0.4	0.4	0.4	0.4
116°	0.6	0.4	0.4	0.4	0.4	0.4
116.5°	0.6	0.4	0.4	0.4	0.4	0.4
117°	0.6	0.4	0.4	0.4	0.4	0.4
117.5°	0.6	0.4	0.4	0.4	0.4	0.4
118°	0.6	0.4	0.4	0.4	0.4	0.4
118.5°	0.6	0.4	0.4	0.4	0.4	0.4
119°	0.6	0.4	0.4	0.4	0.4	0.4
119.5°	0.7	0.4	0.4	0.4	0.4	0.4
120°	0.6	0.4	0.4	0.4	0.4	0.4
120.5°	0.6	0.4	0.4	0.4	0.4	0.4
121°	0.6	0.4	0.4	0.4	0.4	0.4
121.5°	0.6	0.4	0.4	0.4	0.4	0.4
122°	0.6	0.4	0.4	0.4	0.4	0.4
122.5°	0.7	0.4	0.4	0.4	0.4	0.4
123°	0.7	0.4	0.4	0.4	0.4	0.4
123.5°	0.7	0.4	0.4	0.4	0.4	0.4
124°	0.7	0.4	0.4	0.4	0.4	0.4
124.5°	0.8	0.4	0.4	0.4	0.4	0.4
125°	0.8	0.4	0.4	0.4	0.4	0.4
125.5°	0.8	0.4	0.4	0.4	0.4	0.4
126°	0.8	0.4	0.4	0.4	0.4	0.4
126.5°	0.8	0.4	0.4	0.4	0.4	0.4
127°	0.8	0.4	0.4	0.4	0.4	0.4
127.5°	0.8	0.4	0.4	0.4	0.4	0.4
128°	0.8	0.4	0.4	0.4	0.4	0.4
128.5°	0.8	0.4	0.4	0.4	0.4	0.4
129°	0.8	0.4	0.4	0.4	0.4	0.4
129.5°	0.8	0.4	0.4	0.4	0.4	0.4
130°	0.8	0.4	0.4	0.4	0.4	0.6
130.5°	0.8	0.4	0.4	0.4	0.4	0.6
131°	0.8	0.4	0.4	0.4	0.4	0.7
131.5°	0.8	0.4	0.5	0.4	0.4	0.8
132°	0.8	0.4	0.6	0.5	0.4	0.8
132.5°	0.8	0.4	0.7	0.6	0.4	0.9
133°	0.9	0.4	0.7	0.6	0.4	1.0
133.5°	0.9	0.6	0.8	0.8	0.5	1.0



TEST NUMBER: A2016654D001

CATALOG NUMBER: LT56069FS351EWHR

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
135°	0.9	0.7	1.0	1.0	0.7	1.0
135.5°	0.9	0.6	0.9	0.9	0.9	1.0
136°	1.0	0.6	1.0	0.9	1.0	1.0
136.5°	0.9	0.7	1.1	1.0	0.9	1.0
137°	0.9	0.8	1.0	1.0	1.0	1.0
137.5°	1.0	0.8	1.0	1.0	1.0	1.0
138°	1.0	0.9	1.0	1.0	1.0	1.0
138.5°	1.0	0.9	1.0	1.0	1.0	1.0
139°	1.0	1.0	1.0	1.0	1.0	1.0
139.5°	1.0	1.0	1.0	1.0	1.0	1.0
140°	1.0	1.0	1.0	1.0	1.0	1.0
140.5°	1.0	1.0	1.0	1.0	1.0	1.0
141°	1.0	1.0	1.0	1.0	1.0	1.0
141.5°	1.1	1.0	1.0	1.0	1.0	1.0
142°	1.1	1.0	1.0	1.0	1.0	1.0
142.5°	1.1	1.0	1.0	1.0	1.0	1.0
143°	1.2	1.0	1.0	1.0	1.0	1.0
143.5°	1.1	1.0	1.0	1.0	1.0	1.0
144°	1.2	1.0	1.0	1.0	1.0	1.0
144.5°	1.2	1.0	1.0	1.0	1.0	1.0
145°	1.2	1.0	1.0	1.0	1.0	1.0
145.5°	1.2	1.0	1.0	1.0	1.0	1.0
146°	1.2	1.0	1.0	1.0	1.0	1.0
146.5°	1.2	1.0	1.0	1.0	1.0	1.0
147°	1.2	1.0	1.0	1.0	1.0	1.0
147.5°	1.3	1.0	1.0	1.0	1.0	1.0
148°	1.3	1.0	1.0	1.0	1.0	1.0
148.5°	1.2	1.0	1.0	1.0	1.0	1.0
149°	1.2	1.0	1.0	1.0	1.0	1.0
149.5°	1.2	1.0	1.0	1.0	1.0	1.0
150°	1.2	1.0	1.0	1.0	1.0	1.0
150.5°	1.2	1.0	1.0	1.0	1.0	1.0
151°	1.2	1.0	1.0	1.0	1.0	1.0
151.5°	1.2	1.0	1.0	1.0	1.0	1.0
152°	1.2	1.0	1.0	1.0	1.0	1.0
152.5°	1.2	1.0	1.0	1.0	1.0	1.0
153°	1.2	1.0	1.0	1.0	1.0	1.0
153.5°	1.2	1.0	1.0	1.0	1.0	1.0
154°	1.2	1.0	1.0	1.0	1.0	1.0
154.5°	1.2	1.0	1.0	1.0	1.0	1.0
155°	1.2	1.0	1.0	1.0	1.0	1.0
155.5°	1.2	1.0	1.0	1.0	1.0	1.0
156°	1.2	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: A2016654D001

CATALOG NUMBER: LT56069FS351EWHR

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
157.5°	1.2	1.0	1.0	1.0	1.0	1.1
158°	1.2	1.0	1.0	1.0	1.0	1.1
158.5°	1.2	1.0	1.0	1.0	1.0	1.1
159°	1.2	1.0	1.0	1.0	1.1	1.1
159.5°	1.2	1.0	1.0	1.0	1.1	1.2
160°	1.2	1.0	1.0	1.0	1.1	1.2
160.5°	1.2	1.0	1.0	1.0	1.2	1.2
161°	1.2	1.0	1.0	1.0	1.2	1.2
161.5°	1.2	1.0	1.0	1.0	1.2	1.3
162°	1.2	1.0	1.0	1.0	1.2	1.3
162.5°	1.2	1.0	1.0	1.0	1.2	1.3
163°	1.2	1.0	1.0	1.0	1.2	1.3
163.5°	1.2	1.0	1.0	1.1	1.2	1.3
164°	1.2	1.0	1.0	1.1	1.2	1.3
164.5°	1.2	1.0	1.0	1.1	1.2	1.3
165°	1.2	1.0	1.0	1.1	1.2	1.3
165.5°	1.2	1.0	1.0	1.1	1.2	1.3
166°	1.2	1.0	1.0	1.1	1.2	1.3
166.5°	1.2	1.0	1.0	1.1	1.2	1.3
167°	1.2	1.0	1.0	1.2	1.2	1.3
167.5°	1.2	1.0	1.0	1.2	1.2	1.3
168°	1.2	1.0	1.0	1.2	1.2	1.3
168.5°	1.2	1.0	1.0	1.2	1.2	1.3
169°	1.2	1.0	1.1	1.2	1.2	1.3
169.5°	1.2	1.0	1.1	1.2	1.2	1.3
170°	1.2	1.0	1.2	1.2	1.2	1.3
170.5°	1.2	1.0	1.1	1.2	1.2	1.3
171°	1.2	1.0	1.1	1.2	1.2	1.3
171.5°	1.2	1.0	1.1	1.2	1.2	1.3
172°	1.2	1.0	1.1	1.2	1.2	1.3
172.5°	1.2	1.1	1.1	1.2	1.2	1.3
173°	1.2	1.0	1.1	1.2	1.2	1.3
173.5°	1.2	1.0	1.1	1.2	1.2	1.3
174°	1.2	1.0	1.1	1.2	1.2	1.3
174.5°	1.2	1.0	1.1	1.2	1.2	1.3
175°	1.2	1.0	1.1	1.2	1.2	1.3
175.5°	1.2	1.0	1.1	1.2	1.2	1.3
176°	1.2	1.0	1.1	1.2	1.2	1.3
176.5°	1.2	1.0	1.1	1.2	1.2	1.3
177°	1.2	1.0	1.1	1.2	1.2	1.3
177.5°	1.2	1.0	1.1	1.2	1.2	1.3
178°	1.2	1.0	1.1	1.2	1.2	1.3
178.5°	1.2	1.0	1.1	1.2	1.2	1.3



TEST NUMBER: A2016654D001

CATALOG NUMBER: LT56069FS351EWHR

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
180°	1.3	1.3	1.3	1.3	1.3	1.3



Report Generated By E9808895 / USPTCWHP6082093







— 0°-180°    - - 45°-225°    - - - - 90°-270°    - · - · 135°-315°







21.5°	282.7	281.0	279.4	279.3	278.9	278.5	277.7	278.6	279.4	279.8	282.2
22°	279.2	277.6	278.0	277.1	277.9	276.6	276.4	277.4	277.6	280.4	281.8



44°	175.2	172.5	170.7	169.2	170.1	169.3	168.7	168.8	170.0	172.0	174.6
44.5°	171.6	169.8	167.6	166.3	166.9	166.2	165.3	165.8	166.5	167.8	171.5



66.5°	41.2	40.1	38.9	37.6	37.4	36.3	35.2	34.9	35.1	36.1	37.3
67°	38.9	38.2	36.9	35.5	35.3	34.3	33.3	32.9	33.2	34.2	35.3



89°	0.8	0.8	1.0	0.8	0.5	0.4	0.4	0.3	0.4	0.3	0.9
89.5°	0.6	0.6	0.6	0.6	0.4	0.4	0.4	0.3	0.4	0.3	0.4





111.5°	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
112°	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.4	0.5	0.5	0.5



134°	1.0	0.9	0.7	0.8	0.9	0.9	0.8	0.9	1.0	0.9	0.9
134.5°	1.0	0.9	0.8	0.9	0.9	1.0	0.8	1.0	1.1	1.0	0.9



156.5°	1.1	1.1	1.0	1.0	1.3	1.0	1.1	1.2	1.2	1.3	1.3
157°	1.1	1.1	1.0	1.0	1.3	1.0	1.1	1.2	1.2	1.3	1.3



179°	1.3	1.3	1.2	1.1	1.3	1.0	1.1	1.2	1.2	1.3	1.3
179.5°	1.3	1.3	1.2	1.1	1.3	1.0	1.1	1.2	1.2	1.3	1.3





21.5°	284.1	281.9	282.8	284.1	282.2	282.7
22°	282.3	280.4	281.0	281.1	280.5	279.2



44°	177.9	175.2	176.3	176.7	176.4	175.2
44.5°	174.4	171.9	173.2	173.3	173.1	171.6



66.5°	39.3	39.3	40.6	41.6	41.7	41.2
67°	37.0	37.1	38.4	39.3	39.4	38.9





89°	0.8	1.2	1.3	1.3	1.0	0.8
89.5°	0.6	0.8	0.9	1.0	0.8	0.6



111.5°	0.5	0.4	0.4	0.4	0.4	0.4
112°	0.5	0.4	0.4	0.4	0.4	0.4



134°	0.9	0.6	0.9	0.9	0.7	1.0
134.5°	0.9	0.7	0.9	1.0	0.7	1.0



156.5°	1.2	1.0	1.0	1.0	1.0	1.1
157°	1.2	1.0	1.0	1.0	1.0	1.1



179°	1.2	1.0	1.1	1.2	1.2	1.3
179.5°	1.2	1.0	1.1	1.2	1.2	1.3



(END OF REPORT)