

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: io LED

Report Number: P273494

Luminaire Tested: **0.10-3W-827-10-OD-STD-UNV-AN-1F6**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P273494  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1708-246-26)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: io LED  
Catalog Number: 0.10-3W-827-10-OD-STD-UNV-AN-1F6  
Description: iO LIGHTING SERIES 1.5 LINEAR LED LUMINAIRE, 10 DEGREE OPTIC.  
HIGH OUTPUT  
Light Source: 2700K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 277.6 lumens  
Efficiency: N/A  
Efficacy: 31.2 lumens/watt  
Spacing Criteria (0/90/45): 0.22 / 0.95 / 0.36  
Luminous Opening: Rectangular w/ Sides (W: 1.4' x L: 0.08' x H: 0.04')  
CIE Type: Direct

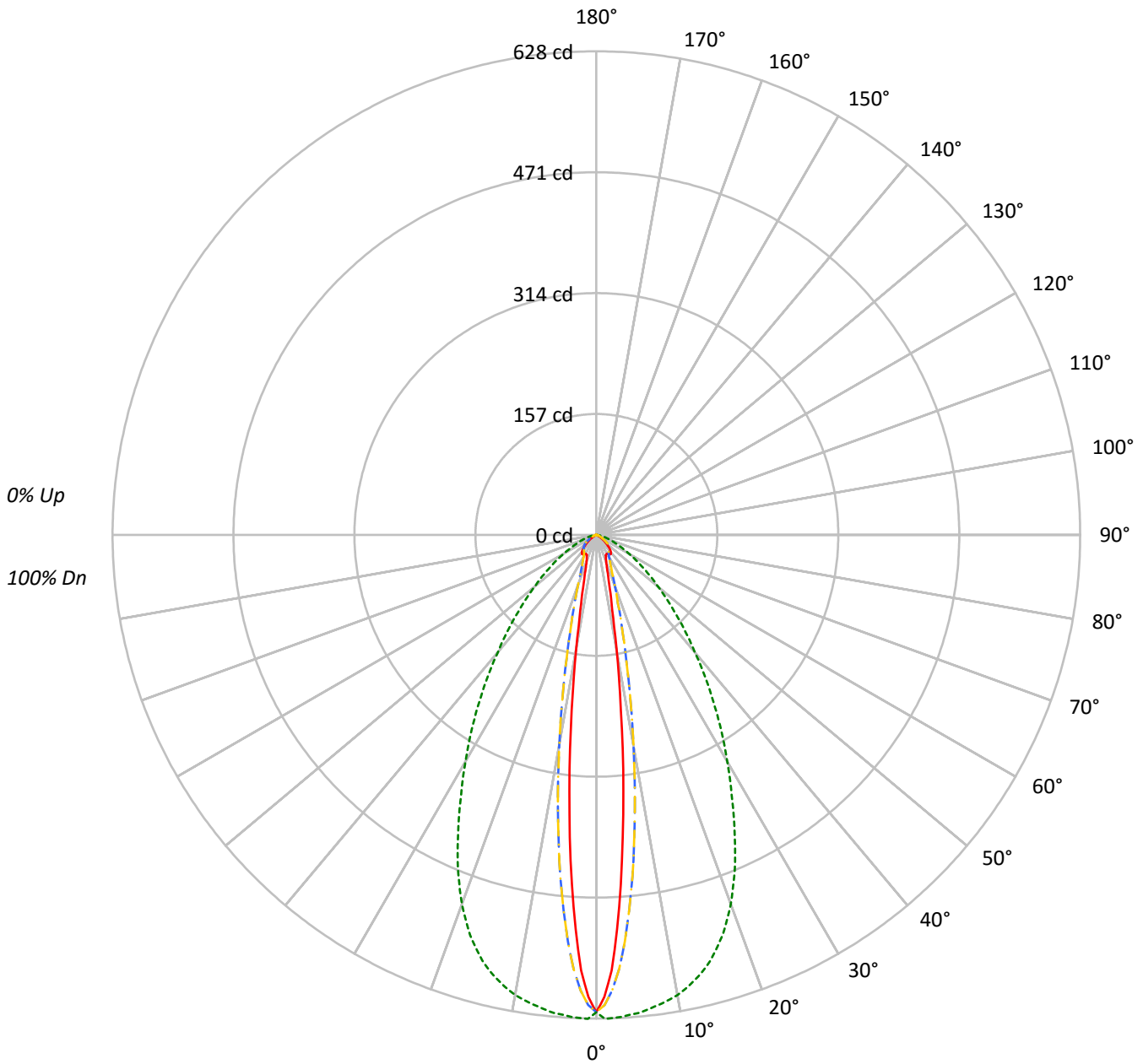
Input Watts (W): 8.9  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot



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



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

RF	20					20					20					20					20					
RC	80					70					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	50	30	10	0		
RCR																										
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100					100			
1	112	109	106	103	110	107	104	102	103	101	99	99	97	96	95	94	93	91					91			
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	86	84	82					82			
3	99	92	86	81	97	90	85	81	88	83	79	85	81	78	83	79	77	75					75			
4	93	85	78	73	91	83	78	73	81	76	72	79	75	71	77	73	70	69					69			
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63					63			
6	83	73	67	62	82	72	66	61	71	65	61	69	64	61	68	64	60	59					59			
7	79	69	62	57	77	68	62	57	67	61	57	65	60	56	64	60	56	55					55			
8	75	65	58	53	74	64	58	53	63	57	53	62	57	53	61	56	53	51					51			
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	58	53	49	48					48			
10	68	58	51	47	67	57	51	47	56	51	47	56	50	47	55	50	47	45					45			

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

	0°	90°	180°	270°
0°	57142	57142	57142	57142
5°	34962	57553	34962	57553
10°	12862	56510	12862	56510
15°	5151	54183	5151	54183
20°	3079	49539	3079	49539
25°	2392	42591	2392	42591
30°	2346	35574	2346	35574
35°	2576	29228	2576	29228
40°	2459	23367	2459	23367
45°	1990	18549	1990	18549
50°	1384	14558	1384	14558
55°	872	11333	872	11333
60°	425	8663	425	8663
65°	263	6460	263	6460
70°	216	4785	216	4785
75°	149	3559	149	3559
80°	83	2226	83	2226
85°	95	947	95	947



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	41.7	15.0
10°-20°	61.1	22.0
20°-30°	54.0	19.5
30°-40°	46.2	16.7
40°-50°	36.1	13.0
50°-60°	22.3	8.0
60°-70°	10.5	3.8
70°-80°	4.1	1.5
80°-90°	1.1	0.4
90°-100°	0.2	0.1
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	156.9	56.5
0°-40°	203.2	73.2
0°-60°	261.6	94.2
0°-90°	277.4	99.9
90°-120°	0.2	0.1
90°-150°	0.2	0.1
90°-180°	0.0	0.0
0°-180°	277.6	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	620	620	620	620	620	
5°	394	624	394	624	394	29
15°	61	572	61	572	61	19
25°	29	424	29	424	29	14
35°	31	265	31	265	31	19
45°	23	146	23	146	23	17
55°	9	74	9	74	9	8
65°	2	32	2	32	2	3
75°	1	11	1	11	1	1
85°	1	1	1	1	1	0
90°	1	0	1	0	1	0
95°	0	0	0	0	0	0
105°	0	0	0	0	0	0
115°	0	0	0	0	0	0
125°	0	0	0	0	0	0
135°	0	0	0	0	0	0
145°	0	0	0	0	0	0
155°	0	0	0	0	0	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	0



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	619.8	619.8	619.8	619.8	619.8	619.8	619.8	619.8	619.8	619.8	619.8
1°	600.0	600.6	599.4	598.8	600.0	600.6	601.3	604.4	607.4	608.7	610.5
2°	566.0	565.4	564.2	565.4	568.5	571.0	571.6	577.8	584.0	587.1	592.0
3°	512.9	516.6	516.0	518.5	523.4	529.0	529.0	538.9	548.7	554.9	564.2
4°	454.8	458.5	458.5	462.8	470.3	474.6	478.3	491.3	504.9	514.1	529.0
5°	394.3	397.3	398.6	404.1	413.4	419.0	422.7	439.4	456.7	469.6	489.4
6°	334.9	337.4	339.3	345.4	356.6	362.7	367.7	385.6	406.0	422.1	446.8
7°	279.3	281.8	283.6	290.4	302.2	309.0	314.5	333.7	355.3	374.5	402.3
8°	229.3	232.4	234.2	241.0	252.7	259.5	265.7	284.9	307.7	328.8	359.0
9°	186.6	189.1	190.9	197.7	208.9	215.7	221.8	240.4	263.2	285.5	317.0
10°	149.5	152.0	153.9	163.1	171.8	178.0	183.5	200.8	223.1	245.9	277.5
11°	121.1	123.6	125.4	132.2	139.7	144.6	150.8	167.5	187.9	210.7	241.0
12°	99.5	101.3	103.8	108.8	115.6	121.1	124.8	138.4	157.6	179.2	208.2
13°	84.7	84.7	86.5	90.2	96.4	100.7	104.4	116.2	132.2	152.0	179.2
14°	71.7	71.1	73.5	76.6	81.6	84.7	87.1	98.3	112.5	129.8	153.9
15°	61.2	61.2	63.0	65.5	69.2	72.3	74.8	83.4	95.8	111.2	132.2
17.5°	45.7	45.7	47.0	48.2	50.7	52.5	54.4	59.3	67.4	77.9	93.3
20°	37.1	37.1	37.7	38.3	40.2	41.4	42.6	45.7	51.3	58.1	69.2
22.5°	32.1	32.1	32.8	32.8	34.0	34.6	35.8	37.7	41.4	45.7	53.8
25°	29.0	29.0	29.7	29.7	30.3	30.9	31.5	32.8	35.2	38.3	43.9
27.5°	28.4	28.4	28.4	28.4	28.4	28.4	29.0	29.7	30.9	33.4	37.7
30°	28.4	28.4	28.4	27.8	27.8	27.8	27.8	27.8	28.4	30.3	32.8
32.5°	29.7	29.7	29.7	29.0	27.8	27.8	27.2	27.2	27.2	27.8	29.7
35°	30.9	30.9	30.3	29.7	29.0	28.4	27.8	27.2	26.6	26.6	27.8
37.5°	30.9	30.9	30.3	30.3	29.0	29.0	28.4	27.2	26.0	26.0	26.0
40°	29.0	29.0	29.0	29.0	28.4	28.4	27.8	27.2	26.0	25.3	25.3
42.5°	26.6	26.6	26.6	26.6	26.6	26.6	26.0	26.0	25.3	24.7	24.1
45°	22.9	22.9	22.9	23.5	23.5	23.5	24.1	24.1	23.5	23.5	23.5
47.5°	19.2	19.2	19.2	19.8	20.4	20.4	20.4	21.0	21.6	21.6	21.6
50°	15.4	15.4	16.1	16.1	16.7	16.7	17.3	17.9	18.5	19.2	19.8
52.5°	12.4	12.4	12.4	13.0	13.6	13.6	14.2	14.8	16.1	16.7	17.9
55°	9.3	9.3	9.3	9.9	10.5	10.5	11.1	11.7	13.0	14.2	14.8
57.5°	6.2	6.8	6.8	6.8	7.4	8.0	8.0	9.3	9.9	11.7	12.4
60°	4.3	4.3	4.9	4.9	5.6	5.6	6.2	6.8	7.4	8.7	9.9
62.5°	3.1	3.1	3.1	3.7	3.7	4.3	4.3	4.9	5.6	6.8	8.0
65°	2.5	2.5	2.5	2.5	3.1	3.1	3.1	3.7	4.3	4.9	6.2
67.5°	1.9	1.9	1.9	2.5	2.5	2.5	2.5	2.5	3.1	3.7	4.3
70°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.5	2.5	3.1	3.1
72.5°	1.2	1.2	1.2	1.2	1.9	1.9	1.9	1.9	1.9	1.9	2.5
75°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.9	1.9	1.9
77.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.9
80°	0.6	0.6	0.6	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.2	1.2	1.2
85°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
87.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
90°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
92.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
95°	0.0	0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.0	0.0
97.5°	0.6	0.0	0.0	0.6	0.6	0.6	0.6	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	619.8	619.8	619.8	619.8	619.8	619.8	619.8	619.8	619.8	619.8	619.8
1°	613.6	614.9	616.7	620.4	621.0	621.7	622.9	624.1	627.2	628.5	627.2
2°	598.2	601.9	607.4	613.6	614.2	616.7	619.8	622.3	626.0	627.8	626.0
3°	574.7	582.7	592.0	603.1	605.0	608.7	614.9	619.8	624.7	626.6	624.7
4°	544.4	556.8	571.6	587.7	592.0	597.6	607.4	615.5	622.3	624.7	622.3
5°	509.2	527.1	547.5	569.1	576.5	584.6	599.4	610.5	619.8	623.5	619.8
6°	470.9	494.4	520.3	548.1	558.0	569.8	589.5	603.7	616.1	620.4	616.1
7°	428.2	458.5	490.7	524.6	537.6	551.8	577.8	596.9	611.8	617.3	611.8
8°	388.1	422.7	459.8	499.9	515.4	533.3	564.8	589.5	607.4	614.2	607.4
9°	348.5	386.2	428.2	473.4	492.5	513.5	550.6	580.3	602.5	610.5	602.5
10°	310.8	352.9	396.1	446.2	467.2	491.9	535.8	571.0	596.3	606.8	596.3
11°	275.0	318.2	364.6	416.5	441.8	469.6	519.1	560.5	589.5	601.3	589.5
12°	242.9	286.1	333.7	389.3	416.5	446.8	501.8	548.7	582.1	595.1	582.1
13°	213.2	255.8	304.0	360.9	391.2	423.9	483.9	536.4	573.5	588.3	573.5
14°	187.2	228.0	276.8	334.9	366.4	401.7	465.9	523.4	564.8	580.9	564.8
15°	162.5	202.7	250.9	310.2	343.6	378.8	447.4	509.2	554.3	572.2	554.3
17.5°	116.2	148.9	194.7	253.4	286.7	325.0	399.8	471.5	524.6	545.0	524.6
20°	85.9	111.8	149.5	205.2	237.9	273.1	352.9	430.1	487.6	510.4	487.6
22.5°	66.1	85.9	116.8	166.8	196.5	231.1	309.0	387.5	446.2	469.6	446.2
25°	53.1	68.6	93.3	135.3	162.5	195.9	269.4	345.4	402.3	424.5	402.3
27.5°	44.5	56.2	76.6	112.5	136.6	166.8	236.1	305.9	359.6	380.0	359.6
30°	38.3	47.6	64.9	95.8	117.4	144.0	207.6	270.7	320.1	339.9	320.1
32.5°	34.0	41.4	56.2	83.4	103.2	126.1	182.9	239.1	283.6	301.6	283.6
35°	30.3	37.1	49.4	74.2	91.5	112.5	160.7	209.5	248.4	265.1	248.4
37.5°	28.4	33.4	44.5	66.7	82.2	100.1	140.9	182.3	215.7	231.1	215.7
40°	26.6	30.9	40.8	60.6	74.2	89.6	123.6	155.7	186.0	199.0	186.0
42.5°	24.7	28.4	37.1	55.0	66.7	79.7	106.3	133.5	159.4	171.8	159.4
45°	24.1	26.6	34.6	49.4	59.9	70.4	92.1	114.3	135.9	146.5	135.9
47.5°	22.2	24.7	31.5	44.5	52.5	61.2	78.5	97.6	115.6	124.2	115.6
50°	20.4	22.9	29.0	39.5	46.3	52.5	66.7	82.8	98.3	105.1	98.3
52.5°	18.5	21.0	26.0	34.6	39.5	45.1	56.2	69.8	82.8	88.4	82.8
55°	16.1	18.5	22.9	29.7	34.0	37.7	47.0	58.1	68.6	73.5	68.6
57.5°	14.2	16.1	19.8	25.3	28.4	31.5	38.9	48.2	56.9	60.6	56.9
60°	11.7	13.6	16.7	21.0	23.5	26.0	32.1	39.5	46.3	49.4	46.3
62.5°	9.3	11.1	13.6	17.3	19.2	21.6	26.0	32.1	37.7	39.5	37.7
65°	7.4	8.7	11.1	14.2	16.1	17.3	21.0	26.0	29.7	31.5	29.7
67.5°	5.6	6.8	8.7	11.1	13.0	14.2	17.3	20.4	23.5	25.3	23.5
70°	4.3	4.9	6.8	8.7	9.9	11.1	13.6	16.1	18.5	19.2	18.5
72.5°	3.1	3.7	4.9	6.8	7.4	8.7	10.5	12.4	14.2	14.8	14.2
75°	2.5	3.1	3.7	4.9	5.6	6.8	8.0	9.3	10.5	11.1	10.5
77.5°	1.9	2.5	3.1	3.7	4.3	4.9	5.6	6.8	7.4	8.0	7.4
80°	1.2	1.9	1.9	2.5	3.1	3.1	4.3	4.3	4.9	4.9	4.9
82.5°	1.2	1.2	1.2	1.9	1.9	2.5	2.5	3.1	3.1	3.1	3.1
85°	0.6	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
87.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6





TEST NUMBER: P273494

CATALOG NUMBER: 0.10-3W-827-10-OD-STD-UNV-AN-1F6

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
90°	0.6	0.6	0.6	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0
92.5°	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P273494

CATALOG NUMBER: 0.10-3W-827-10-OD-STD-UNV-AN-1F6

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	619.8	619.8	619.8	619.8	619.8	619.8	619.8	619.8	619.8	619.8	619.8
1°	624.1	622.9	621.7	621.0	620.4	616.7	614.9	613.6	610.5	608.7	607.4
2°	622.3	619.8	616.7	614.2	613.6	607.4	601.9	598.2	592.0	587.1	584.0
3°	619.8	614.9	608.7	605.0	603.1	592.0	582.7	574.7	564.2	554.9	548.7
4°	615.5	607.4	597.6	592.0	587.7	571.6	556.8	544.4	529.0	514.1	504.9
5°	610.5	599.4	584.6	576.5	569.1	547.5	527.1	509.2	489.4	469.6	456.7
6°	603.7	589.5	569.8	558.0	548.1	520.3	494.4	470.9	446.8	422.1	406.0
7°	596.9	577.8	551.8	537.6	524.6	490.7	458.5	428.2	402.3	374.5	355.3
8°	589.5	564.8	533.3	515.4	499.9	459.8	422.7	388.1	359.0	328.8	307.7
9°	580.3	550.6	513.5	492.5	473.4	428.2	386.2	348.5	317.0	285.5	263.2
10°	571.0	535.8	491.9	467.2	446.2	396.1	352.9	310.8	277.5	245.9	223.1
11°	560.5	519.1	469.6	441.8	416.5	364.6	318.2	275.0	241.0	210.7	187.9
12°	548.7	501.8	446.8	416.5	389.3	333.7	286.1	242.9	208.2	179.2	157.6
13°	536.4	483.9	423.9	391.2	360.9	304.0	255.8	213.2	179.2	152.0	132.2
14°	523.4	465.9	401.7	366.4	334.9	276.8	228.0	187.2	153.9	129.8	112.5
15°	509.2	447.4	378.8	343.6	310.2	250.9	202.7	162.5	132.2	111.2	95.8
17.5°	471.5	399.8	325.0	286.7	253.4	194.7	148.9	116.2	93.3	77.9	67.4
20°	430.1	352.9	273.1	237.9	205.2	149.5	111.8	85.9	69.2	58.1	51.3
22.5°	387.5	309.0	231.1	196.5	166.8	116.8	85.9	66.1	53.8	45.7	41.4
25°	345.4	269.4	195.9	162.5	135.3	93.3	68.6	53.1	43.9	38.3	35.2
27.5°	305.9	236.1	166.8	136.6	112.5	76.6	56.2	44.5	37.7	33.4	30.9
30°	270.7	207.6	144.0	117.4	95.8	64.9	47.6	38.3	32.8	30.3	28.4
32.5°	239.1	182.9	126.1	103.2	83.4	56.2	41.4	34.0	29.7	27.8	27.2
35°	209.5	160.7	112.5	91.5	74.2	49.4	37.1	30.3	27.8	26.6	26.6
37.5°	182.3	140.9	100.1	82.2	66.7	44.5	33.4	28.4	26.0	26.0	26.0
40°	155.7	123.6	89.6	74.2	60.6	40.8	30.9	26.6	25.3	25.3	26.0
42.5°	133.5	106.3	79.7	66.7	55.0	37.1	28.4	24.7	24.1	24.7	25.3
45°	114.3	92.1	70.4	59.9	49.4	34.6	26.6	24.1	23.5	23.5	23.5
47.5°	97.6	78.5	61.2	52.5	44.5	31.5	24.7	22.2	21.6	21.6	21.6
50°	82.8	66.7	52.5	46.3	39.5	29.0	22.9	20.4	19.8	19.2	18.5
52.5°	69.8	56.2	45.1	39.5	34.6	26.0	21.0	18.5	17.9	16.7	16.1
55°	58.1	47.0	37.7	34.0	29.7	22.9	18.5	16.1	14.8	14.2	13.0
57.5°	48.2	38.9	31.5	28.4	25.3	19.8	16.1	14.2	12.4	11.7	9.9
60°	39.5	32.1	26.0	23.5	21.0	16.7	13.6	11.7	9.9	8.7	7.4
62.5°	32.1	26.0	21.6	19.2	17.3	13.6	11.1	9.3	8.0	6.8	5.6
65°	26.0	21.0	17.3	16.1	14.2	11.1	8.7	7.4	6.2	4.9	4.3
67.5°	20.4	17.3	14.2	13.0	11.1	8.7	6.8	5.6	4.3	3.7	3.1
70°	16.1	13.6	11.1	9.9	8.7	6.8	4.9	4.3	3.1	3.1	2.5
72.5°	12.4	10.5	8.7	7.4	6.8	4.9	3.7	3.1	2.5	1.9	1.9
75°	9.3	8.0	6.8	5.6	4.9	3.7	3.1	2.5	1.9	1.9	1.9
77.5°	6.8	5.6	4.9	4.3	3.7	3.1	2.5	1.9	1.9	1.2	1.2
80°	4.3	4.3	3.1	3.1	2.5	1.9	1.9	1.2	1.2	1.2	1.2
82.5°	3.1	2.5	2.5	1.9	1.9	1.2	1.2	1.2	1.2	1.2	1.2
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.6	0.6	0.6	0.6
87.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6



TEST NUMBER: P273494

CATALOG NUMBER: 0.10-3W-827-10-OD-STD-UNV-AN-1F6

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
90°	0.0	0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.6	0.6
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P273494

CATALOG NUMBER: 0.10-3W-827-10-OD-STD-UNV-AN-1F6

**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	619.8	619.8	619.8	619.8	619.8	619.8	619.8	619.8	619.8	619.8	619.8
1°	604.4	601.3	600.6	600.0	598.8	599.4	600.6	600.0	600.6	599.4	598.8
2°	577.8	571.6	571.0	568.5	565.4	564.2	565.4	566.0	565.4	564.2	565.4
3°	538.9	529.0	529.0	523.4	518.5	516.0	516.6	512.9	516.6	516.0	518.5
4°	491.3	478.3	474.6	470.3	462.8	458.5	458.5	454.8	458.5	458.5	462.8
5°	439.4	422.7	419.0	413.4	404.1	398.6	397.3	394.3	397.3	398.6	404.1
6°	385.6	367.7	362.7	356.6	345.4	339.3	337.4	334.9	337.4	339.3	345.4
7°	333.7	314.5	309.0	302.2	290.4	283.6	281.8	279.3	281.8	283.6	290.4
8°	284.9	265.7	259.5	252.7	241.0	234.2	232.4	229.3	232.4	234.2	241.0
9°	240.4	221.8	215.7	208.9	197.7	190.9	189.1	186.6	189.1	190.9	197.7
10°	200.8	183.5	178.0	171.8	163.1	153.9	152.0	149.5	152.0	153.9	163.1
11°	167.5	150.8	144.6	139.7	132.2	125.4	123.6	121.1	123.6	125.4	132.2
12°	138.4	124.8	121.1	115.6	108.8	103.8	101.3	99.5	101.3	103.8	108.8
13°	116.2	104.4	100.7	96.4	90.2	86.5	84.7	84.7	84.7	86.5	90.2
14°	98.3	87.1	84.7	81.6	76.6	73.5	71.1	71.7	71.1	73.5	76.6
15°	83.4	74.8	72.3	69.2	65.5	63.0	61.2	61.2	61.2	63.0	65.5
17.5°	59.3	54.4	52.5	50.7	48.2	47.0	45.7	45.7	45.7	47.0	48.2
20°	45.7	42.6	41.4	40.2	38.3	37.7	37.1	37.1	37.1	37.7	38.3
22.5°	37.7	35.8	34.6	34.0	32.8	32.8	32.1	32.1	32.1	32.8	32.8
25°	32.8	31.5	30.9	30.3	29.7	29.7	29.0	29.0	29.0	29.7	29.7
27.5°	29.7	29.0	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
30°	27.8	27.8	27.8	27.8	27.8	28.4	28.4	28.4	28.4	28.4	27.8
32.5°	27.2	27.2	27.8	27.8	29.0	29.7	29.7	29.7	29.7	29.7	29.0
35°	27.2	27.8	28.4	29.0	29.7	30.3	30.9	30.9	30.9	30.3	29.7
37.5°	27.2	28.4	29.0	29.0	30.3	30.3	30.9	30.9	30.9	30.3	30.3
40°	27.2	27.8	28.4	28.4	29.0	29.0	29.0	29.0	29.0	29.0	29.0
42.5°	26.0	26.0	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
45°	24.1	24.1	23.5	23.5	23.5	22.9	22.9	22.9	22.9	22.9	23.5
47.5°	21.0	20.4	20.4	20.4	19.8	19.2	19.2	19.2	19.2	19.2	19.8
50°	17.9	17.3	16.7	16.7	16.1	16.1	15.4	15.4	15.4	16.1	16.1
52.5°	14.8	14.2	13.6	13.6	13.0	12.4	12.4	12.4	12.4	12.4	13.0
55°	11.7	11.1	10.5	10.5	9.9	9.3	9.3	9.3	9.3	9.3	9.9
57.5°	9.3	8.0	8.0	7.4	6.8	6.8	6.8	6.2	6.8	6.8	6.8
60°	6.8	6.2	5.6	5.6	4.9	4.9	4.3	4.3	4.3	4.9	4.9
62.5°	4.9	4.3	4.3	3.7	3.7	3.1	3.1	3.1	3.1	3.1	3.7
65°	3.7	3.1	3.1	3.1	2.5	2.5	2.5	2.5	2.5	2.5	2.5
67.5°	2.5	2.5	2.5	2.5	2.5	1.9	1.9	1.9	1.9	1.9	2.5
70°	2.5	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
72.5°	1.9	1.9	1.9	1.9	1.2	1.2	1.2	1.2	1.2	1.2	1.2
75°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
77.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	1.2	1.2	1.2	1.2	1.2	0.6	0.6	0.6	0.6	0.6	1.2
82.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
85°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
87.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6



TEST NUMBER: P273494

CATALOG NUMBER: 0.10-3W-827-10-OD-STD-UNV-AN-1F6

**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
90°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
92.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
95°	0.6	0.6	0.6	0.6	0.6	0.6	0.0	0.0	0.0	0.6	0.6
97.5°	0.0	0.6	0.6	0.6	0.6	0.0	0.0	0.6	0.0	0.0	0.6
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P273494

CATALOG NUMBER: 0.10-3W-827-10-OD-STD-UNV-AN-1F6

**CANDELA DISTRIBUTION (continued):**

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	619.8	619.8	619.8	619.8	619.8	619.8	619.8	619.8	619.8	619.8	619.8
1°	600.0	600.6	601.3	604.4	607.4	608.7	610.5	613.6	614.9	616.7	620.4
2°	568.5	571.0	571.6	577.8	584.0	587.1	592.0	598.2	601.9	607.4	613.6
3°	523.4	529.0	529.0	538.9	548.7	554.9	564.2	574.7	582.7	592.0	603.1
4°	470.3	474.6	478.3	491.3	504.9	514.1	529.0	544.4	556.8	571.6	587.7
5°	413.4	419.0	422.7	439.4	456.7	469.6	489.4	509.2	527.1	547.5	569.1
6°	356.6	362.7	367.7	385.6	406.0	422.1	446.8	470.9	494.4	520.3	548.1
7°	302.2	309.0	314.5	333.7	355.3	374.5	402.3	428.2	458.5	490.7	524.6
8°	252.7	259.5	265.7	284.9	307.7	328.8	359.0	388.1	422.7	459.8	499.9
9°	208.9	215.7	221.8	240.4	263.2	285.5	317.0	348.5	386.2	428.2	473.4
10°	171.8	178.0	183.5	200.8	223.1	245.9	277.5	310.8	352.9	396.1	446.2
11°	139.7	144.6	150.8	167.5	187.9	210.7	241.0	275.0	318.2	364.6	416.5
12°	115.6	121.1	124.8	138.4	157.6	179.2	208.2	242.9	286.1	333.7	389.3
13°	96.4	100.7	104.4	116.2	132.2	152.0	179.2	213.2	255.8	304.0	360.9
14°	81.6	84.7	87.1	98.3	112.5	129.8	153.9	187.2	228.0	276.8	334.9
15°	69.2	72.3	74.8	83.4	95.8	111.2	132.2	162.5	202.7	250.9	310.2
17.5°	50.7	52.5	54.4	59.3	67.4	77.9	93.3	116.2	148.9	194.7	253.4
20°	40.2	41.4	42.6	45.7	51.3	58.1	69.2	85.9	111.8	149.5	205.2
22.5°	34.0	34.6	35.8	37.7	41.4	45.7	53.8	66.1	85.9	116.8	166.8
25°	30.3	30.9	31.5	32.8	35.2	38.3	43.9	53.1	68.6	93.3	135.3
27.5°	28.4	28.4	29.0	29.7	30.9	33.4	37.7	44.5	56.2	76.6	112.5
30°	27.8	27.8	27.8	27.8	28.4	30.3	32.8	38.3	47.6	64.9	95.8
32.5°	27.8	27.8	27.2	27.2	27.2	27.8	29.7	34.0	41.4	56.2	83.4
35°	29.0	28.4	27.8	27.2	26.6	26.6	27.8	30.3	37.1	49.4	74.2
37.5°	29.0	29.0	28.4	27.2	26.0	26.0	26.0	28.4	33.4	44.5	66.7
40°	28.4	28.4	27.8	27.2	26.0	25.3	25.3	26.6	30.9	40.8	60.6
42.5°	26.6	26.6	26.0	26.0	25.3	24.7	24.1	24.7	28.4	37.1	55.0
45°	23.5	23.5	24.1	24.1	23.5	23.5	23.5	24.1	26.6	34.6	49.4
47.5°	20.4	20.4	20.4	21.0	21.6	21.6	21.6	22.2	24.7	31.5	44.5
50°	16.7	16.7	17.3	17.9	18.5	19.2	19.8	20.4	22.9	29.0	39.5
52.5°	13.6	13.6	14.2	14.8	16.1	16.7	17.9	18.5	21.0	26.0	34.6
55°	10.5	10.5	11.1	11.7	13.0	14.2	14.8	16.1	18.5	22.9	29.7
57.5°	7.4	8.0	8.0	9.3	9.9	11.7	12.4	14.2	16.1	19.8	25.3
60°	5.6	5.6	6.2	6.8	7.4	8.7	9.9	11.7	13.6	16.7	21.0
62.5°	3.7	4.3	4.3	4.9	5.6	6.8	8.0	9.3	11.1	13.6	17.3
65°	3.1	3.1	3.1	3.7	4.3	4.9	6.2	7.4	8.7	11.1	14.2
67.5°	2.5	2.5	2.5	2.5	3.1	3.7	4.3	5.6	6.8	8.7	11.1
70°	1.9	1.9	1.9	2.5	2.5	3.1	3.1	4.3	4.9	6.8	8.7
72.5°	1.9	1.9	1.9	1.9	1.9	1.9	2.5	3.1	3.7	4.9	6.8
75°	1.2	1.2	1.2	1.2	1.9	1.9	1.9	2.5	3.1	3.7	4.9
77.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.9	1.9	2.5	3.1	3.7
80°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.9	1.9	2.5
82.5°	0.6	0.6	0.6	0.6	1.2	1.2	1.2	1.2	1.2	1.2	1.9
85°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.2	1.2	1.2
87.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6



TEST NUMBER: P273494

CATALOG NUMBER: 0.10-3W-827-10-OD-STD-UNV-AN-1F6

**CANDELA DISTRIBUTION (continued):**

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
90°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
92.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.0	0.0	0.0
95°	0.6	0.6	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P273494

CATALOG NUMBER: 0.10-3W-827-10-OD-STD-UNV-AN-1F6

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	619.8	619.8	619.8	619.8	619.8	619.8	619.8	619.8	619.8	619.8	619.8
1°	621.0	621.7	622.9	624.1	627.2	628.5	627.2	624.1	622.9	621.7	621.0
2°	614.2	616.7	619.8	622.3	626.0	627.8	626.0	622.3	619.8	616.7	614.2
3°	605.0	608.7	614.9	619.8	624.7	626.6	624.7	619.8	614.9	608.7	605.0
4°	592.0	597.6	607.4	615.5	622.3	624.7	622.3	615.5	607.4	597.6	592.0
5°	576.5	584.6	599.4	610.5	619.8	623.5	619.8	610.5	599.4	584.6	576.5
6°	558.0	569.8	589.5	603.7	616.1	620.4	616.1	603.7	589.5	569.8	558.0
7°	537.6	551.8	577.8	596.9	611.8	617.3	611.8	596.9	577.8	551.8	537.6
8°	515.4	533.3	564.8	589.5	607.4	614.2	607.4	589.5	564.8	533.3	515.4
9°	492.5	513.5	550.6	580.3	602.5	610.5	602.5	580.3	550.6	513.5	492.5
10°	467.2	491.9	535.8	571.0	596.3	606.8	596.3	571.0	535.8	491.9	467.2
11°	441.8	469.6	519.1	560.5	589.5	601.3	589.5	560.5	519.1	469.6	441.8
12°	416.5	446.8	501.8	548.7	582.1	595.1	582.1	548.7	501.8	446.8	416.5
13°	391.2	423.9	483.9	536.4	573.5	588.3	573.5	536.4	483.9	423.9	391.2
14°	366.4	401.7	465.9	523.4	564.8	580.9	564.8	523.4	465.9	401.7	366.4
15°	343.6	378.8	447.4	509.2	554.3	572.2	554.3	509.2	447.4	378.8	343.6
17.5°	286.7	325.0	399.8	471.5	524.6	545.0	524.6	471.5	399.8	325.0	286.7
20°	237.9	273.1	352.9	430.1	487.6	510.4	487.6	430.1	352.9	273.1	237.9
22.5°	196.5	231.1	309.0	387.5	446.2	469.6	446.2	387.5	309.0	231.1	196.5
25°	162.5	195.9	269.4	345.4	402.3	424.5	402.3	345.4	269.4	195.9	162.5
27.5°	136.6	166.8	236.1	305.9	359.6	380.0	359.6	305.9	236.1	166.8	136.6
30°	117.4	144.0	207.6	270.7	320.1	339.9	320.1	270.7	207.6	144.0	117.4
32.5°	103.2	126.1	182.9	239.1	283.6	301.6	283.6	239.1	182.9	126.1	103.2
35°	91.5	112.5	160.7	209.5	248.4	265.1	248.4	209.5	160.7	112.5	91.5
37.5°	82.2	100.1	140.9	182.3	215.7	231.1	215.7	182.3	140.9	100.1	82.2
40°	74.2	89.6	123.6	155.7	186.0	199.0	186.0	155.7	123.6	89.6	74.2
42.5°	66.7	79.7	106.3	133.5	159.4	171.8	159.4	133.5	106.3	79.7	66.7
45°	59.9	70.4	92.1	114.3	135.9	146.5	135.9	114.3	92.1	70.4	59.9
47.5°	52.5	61.2	78.5	97.6	115.6	124.2	115.6	97.6	78.5	61.2	52.5
50°	46.3	52.5	66.7	82.8	98.3	105.1	98.3	82.8	66.7	52.5	46.3
52.5°	39.5	45.1	56.2	69.8	82.8	88.4	82.8	69.8	56.2	45.1	39.5
55°	34.0	37.7	47.0	58.1	68.6	73.5	68.6	58.1	47.0	37.7	34.0
57.5°	28.4	31.5	38.9	48.2	56.9	60.6	56.9	48.2	38.9	31.5	28.4
60°	23.5	26.0	32.1	39.5	46.3	49.4	46.3	39.5	32.1	26.0	23.5
62.5°	19.2	21.6	26.0	32.1	37.7	39.5	37.7	32.1	26.0	21.6	19.2
65°	16.1	17.3	21.0	26.0	29.7	31.5	29.7	26.0	21.0	17.3	16.1
67.5°	13.0	14.2	17.3	20.4	23.5	25.3	23.5	20.4	17.3	14.2	13.0
70°	9.9	11.1	13.6	16.1	18.5	19.2	18.5	16.1	13.6	11.1	9.9
72.5°	7.4	8.7	10.5	12.4	14.2	14.8	14.2	12.4	10.5	8.7	7.4
75°	5.6	6.8	8.0	9.3	10.5	11.1	10.5	9.3	8.0	6.8	5.6
77.5°	4.3	4.9	5.6	6.8	7.4	8.0	7.4	6.8	5.6	4.9	4.3
80°	3.1	3.1	4.3	4.3	4.9	4.9	4.9	4.3	4.3	3.1	3.1
82.5°	1.9	2.5	2.5	3.1	3.1	3.1	3.1	3.1	2.5	2.5	1.9
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
87.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6





TEST NUMBER: P273494

CATALOG NUMBER: 0.10-3W-827-10-OD-STD-UNV-AN-1F6

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
90°	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P273494

CATALOG NUMBER: 0.10-3W-827-10-OD-STD-UNV-AN-1F6

**CANDELA DISTRIBUTION (continued):**

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	619.8	619.8	619.8	619.8	619.8	619.8	619.8	619.8	619.8	619.8	619.8
1°	620.4	616.7	614.9	613.6	610.5	608.7	607.4	604.4	601.3	600.6	600.0
2°	613.6	607.4	601.9	598.2	592.0	587.1	584.0	577.8	571.6	571.0	568.5
3°	603.1	592.0	582.7	574.7	564.2	554.9	548.7	538.9	529.0	529.0	523.4
4°	587.7	571.6	556.8	544.4	529.0	514.1	504.9	491.3	478.3	474.6	470.3
5°	569.1	547.5	527.1	509.2	489.4	469.6	456.7	439.4	422.7	419.0	413.4
6°	548.1	520.3	494.4	470.9	446.8	422.1	406.0	385.6	367.7	362.7	356.6
7°	524.6	490.7	458.5	428.2	402.3	374.5	355.3	333.7	314.5	309.0	302.2
8°	499.9	459.8	422.7	388.1	359.0	328.8	307.7	284.9	265.7	259.5	252.7
9°	473.4	428.2	386.2	348.5	317.0	285.5	263.2	240.4	221.8	215.7	208.9
10°	446.2	396.1	352.9	310.8	277.5	245.9	223.1	200.8	183.5	178.0	171.8
11°	416.5	364.6	318.2	275.0	241.0	210.7	187.9	167.5	150.8	144.6	139.7
12°	389.3	333.7	286.1	242.9	208.2	179.2	157.6	138.4	124.8	121.1	115.6
13°	360.9	304.0	255.8	213.2	179.2	152.0	132.2	116.2	104.4	100.7	96.4
14°	334.9	276.8	228.0	187.2	153.9	129.8	112.5	98.3	87.1	84.7	81.6
15°	310.2	250.9	202.7	162.5	132.2	111.2	95.8	83.4	74.8	72.3	69.2
17.5°	253.4	194.7	148.9	116.2	93.3	77.9	67.4	59.3	54.4	52.5	50.7
20°	205.2	149.5	111.8	85.9	69.2	58.1	51.3	45.7	42.6	41.4	40.2
22.5°	166.8	116.8	85.9	66.1	53.8	45.7	41.4	37.7	35.8	34.6	34.0
25°	135.3	93.3	68.6	53.1	43.9	38.3	35.2	32.8	31.5	30.9	30.3
27.5°	112.5	76.6	56.2	44.5	37.7	33.4	30.9	29.7	29.0	28.4	28.4
30°	95.8	64.9	47.6	38.3	32.8	30.3	28.4	27.8	27.8	27.8	27.8
32.5°	83.4	56.2	41.4	34.0	29.7	27.8	27.2	27.2	27.2	27.8	27.8
35°	74.2	49.4	37.1	30.3	27.8	26.6	26.6	27.2	27.8	28.4	29.0
37.5°	66.7	44.5	33.4	28.4	26.0	26.0	26.0	27.2	28.4	29.0	29.0
40°	60.6	40.8	30.9	26.6	25.3	25.3	26.0	27.2	27.8	28.4	28.4
42.5°	55.0	37.1	28.4	24.7	24.1	24.7	25.3	26.0	26.0	26.6	26.6
45°	49.4	34.6	26.6	24.1	23.5	23.5	23.5	24.1	24.1	23.5	23.5
47.5°	44.5	31.5	24.7	22.2	21.6	21.6	21.6	21.0	20.4	20.4	20.4
50°	39.5	29.0	22.9	20.4	19.8	19.2	18.5	17.9	17.3	16.7	16.7
52.5°	34.6	26.0	21.0	18.5	17.9	16.7	16.1	14.8	14.2	13.6	13.6
55°	29.7	22.9	18.5	16.1	14.8	14.2	13.0	11.7	11.1	10.5	10.5
57.5°	25.3	19.8	16.1	14.2	12.4	11.7	9.9	9.3	8.0	8.0	7.4
60°	21.0	16.7	13.6	11.7	9.9	8.7	7.4	6.8	6.2	5.6	5.6
62.5°	17.3	13.6	11.1	9.3	8.0	6.8	5.6	4.9	4.3	4.3	3.7
65°	14.2	11.1	8.7	7.4	6.2	4.9	4.3	3.7	3.1	3.1	3.1
67.5°	11.1	8.7	6.8	5.6	4.3	3.7	3.1	2.5	2.5	2.5	2.5
70°	8.7	6.8	4.9	4.3	3.1	3.1	2.5	2.5	1.9	1.9	1.9
72.5°	6.8	4.9	3.7	3.1	2.5	1.9	1.9	1.9	1.9	1.9	1.9
75°	4.9	3.7	3.1	2.5	1.9	1.9	1.9	1.2	1.2	1.2	1.2
77.5°	3.7	3.1	2.5	1.9	1.9	1.2	1.2	1.2	1.2	1.2	1.2
80°	2.5	1.9	1.9	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.9	1.2	1.2	1.2	1.2	1.2	1.2	0.6	0.6	0.6	0.6
85°	1.2	1.2	1.2	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
87.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6



TEST NUMBER: P273494

CATALOG NUMBER: 0.10-3W-827-10-OD-STD-UNV-AN-1F6

**CANDELA DISTRIBUTION (continued):**

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
90°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
92.5°	0.0	0.0	0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.6	0.6	0.6
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.6
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P273494

CATALOG NUMBER: 0.10-3W-827-10-OD-STD-UNV-AN-1F6

**CANDELA DISTRIBUTION (continued):**

	345°	350°	355°	360°
0°	619.8	619.8	619.8	619.8
1°	598.8	599.4	600.6	600.0
2°	565.4	564.2	565.4	566.0
3°	518.5	516.0	516.6	512.9
4°	462.8	458.5	458.5	454.8
5°	404.1	398.6	397.3	394.3
6°	345.4	339.3	337.4	334.9
7°	290.4	283.6	281.8	279.3
8°	241.0	234.2	232.4	229.3
9°	197.7	190.9	189.1	186.6
10°	163.1	153.9	152.0	149.5
11°	132.2	125.4	123.6	121.1
12°	108.8	103.8	101.3	99.5
13°	90.2	86.5	84.7	84.7
14°	76.6	73.5	71.1	71.7
15°	65.5	63.0	61.2	61.2
17.5°	48.2	47.0	45.7	45.7
20°	38.3	37.7	37.1	37.1
22.5°	32.8	32.8	32.1	32.1
25°	29.7	29.7	29.0	29.0
27.5°	28.4	28.4	28.4	28.4
30°	27.8	28.4	28.4	28.4
32.5°	29.0	29.7	29.7	29.7
35°	29.7	30.3	30.9	30.9
37.5°	30.3	30.3	30.9	30.9
40°	29.0	29.0	29.0	29.0
42.5°	26.6	26.6	26.6	26.6
45°	23.5	22.9	22.9	22.9
47.5°	19.8	19.2	19.2	19.2
50°	16.1	16.1	15.4	15.4
52.5°	13.0	12.4	12.4	12.4
55°	9.9	9.3	9.3	9.3
57.5°	6.8	6.8	6.8	6.2
60°	4.9	4.9	4.3	4.3
62.5°	3.7	3.1	3.1	3.1
65°	2.5	2.5	2.5	2.5
67.5°	2.5	1.9	1.9	1.9
70°	1.9	1.9	1.9	1.9
72.5°	1.2	1.2	1.2	1.2
75°	1.2	1.2	1.2	1.2
77.5°	1.2	1.2	1.2	1.2
80°	1.2	0.6	0.6	0.6
82.5°	0.6	0.6	0.6	0.6
85°	0.6	0.6	0.6	0.6
87.5°	0.6	0.6	0.6	0.6



TEST NUMBER: P273494

CATALOG NUMBER: 0.10-3W-827-10-OD-STD-UNV-AN-1F6

**CANDELA DISTRIBUTION (continued):**

	345°	350°	355°	360°
90°	0.6	0.6	0.6	0.6
92.5°	0.6	0.6	0.6	0.6
95°	0.6	0.6	0.0	0.0
97.5°	0.6	0.0	0.0	0.6
100°	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0
112.5°	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0

(END OF REPORT)