

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: P273486

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

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P273486  
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: 0.10-1W-827-10-OD-STD-UNV-AN-1F6  
Description: iO LIGHTING SERIES 1.5 LINEAR LED LUMINAIRE, 10 DEGREE OPTIC.  
STANDARD OUTPUT  
Light Source: 2700K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 115.5 lumens  
Efficiency: N/A  
Efficacy: 18.6 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

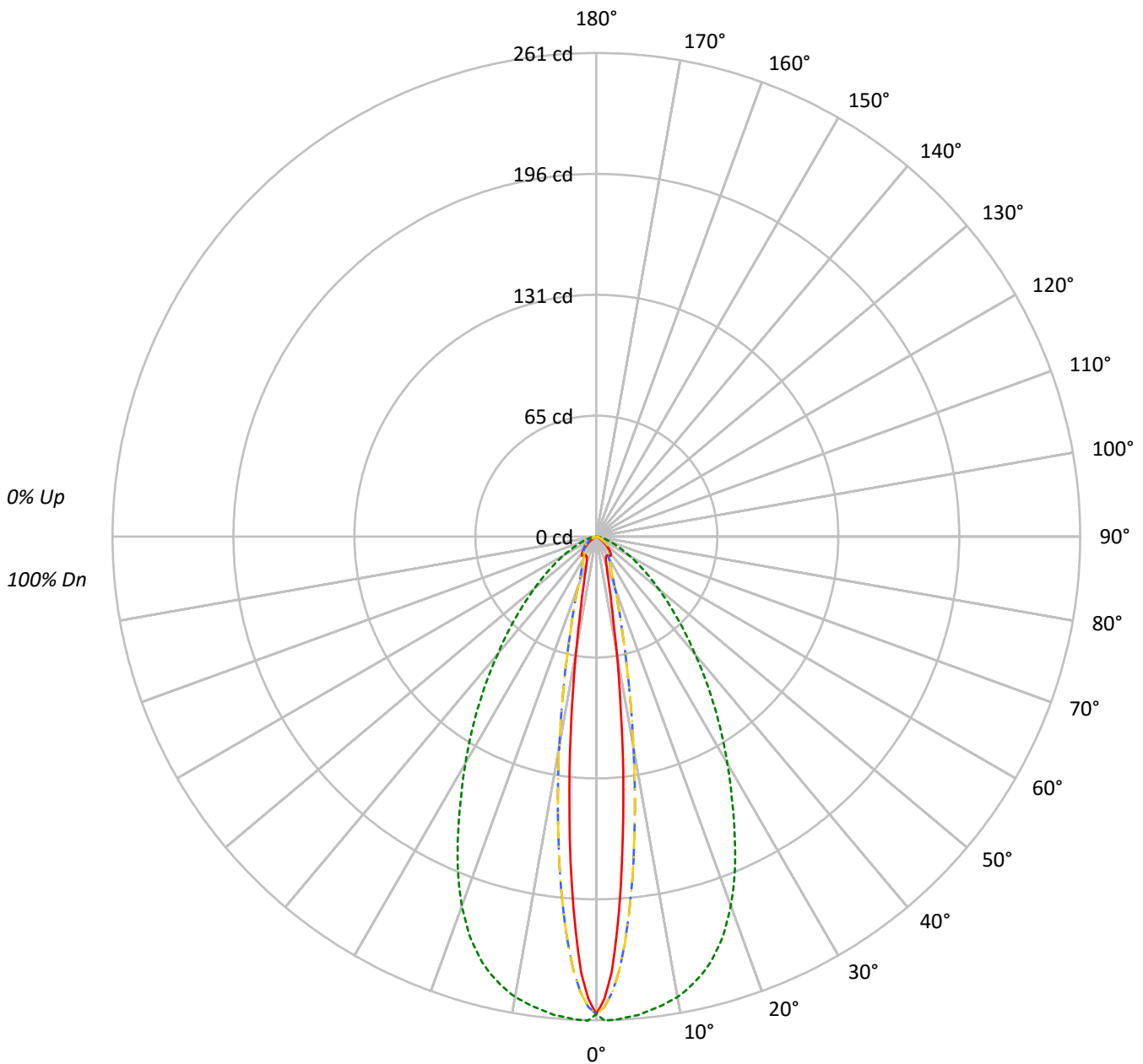
Input Watts (W): 6.2  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	112	109	106	103	110	107	104	102	103	101	99	99	97	96	95	94	93	91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	86	84	82
3	99	92	86	81	97	90	85	81	87	83	79	85	81	78	83	79	77	75
4	93	85	78	73	91	83	78	73	81	76	72	79	75	71	77	73	70	69
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63
6	83	73	67	62	82	72	66	61	71	65	61	69	64	61	68	64	60	59
7	79	69	62	57	77	68	62	57	67	61	57	65	60	56	64	60	56	55
8	75	64	58	53	74	64	58	53	63	57	53	62	57	53	61	56	53	51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	58	53	49	48
10	68	58	51	47	67	57	51	47	56	51	47	56	50	47	55	50	47	45

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

	0°	90°	180°	270°
0°	23758	23758	23758	23758
5°	14533	23926	14533	23926
10°	5351	23496	5351	23496
15°	2138	22527	2138	22527
20°	1278	20596	1278	20596
25°	998	17709	998	17709
30°	975	14788	975	14788
35°	1067	12150	1067	12150
40°	1026	9711	1026	9711
45°	826	7711	826	7711
50°	575	6053	575	6053
55°	366	4718	366	4718
60°	178	3612	178	3612
65°	105	2686	105	2686
70°	91	1994	91	1994
75°	62	1475	62	1475
80°	42	954	42	954
85°	47	395	47	395



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	17.4	15.0
10°-20°	25.4	22.0
20°-30°	22.5	19.5
30°-40°	19.2	16.6
40°-50°	15.0	13.0
50°-60°	9.3	8.0
60°-70°	4.4	3.8
70°-80°	1.7	1.5
80°-90°	0.5	0.4
90°-100°	0.1	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°	65.2	56.5
0°-40°	84.5	73.1
0°-60°	108.7	94.2
0°-90°	115.4	99.9
90°-120°	0.1	0.1
90°-150°	0.1	0.1
90°-180°	0.0	0.0
0°-180°	115.5	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	258	258	258	258	258	
5°	164	259	164	259	164	12
15°	25	238	25	238	25	8
25°	12	176	12	176	12	6
35°	13	110	13	110	13	8
45°	10	61	10	61	10	7
55°	4	31	4	31	4	3
65°	1	13	1	13	1	1
75°	0	5	0	5	0	1
85°	0	0	0	0	0	0
90°	0	0	0	0	0	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°	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7
1°	249.5	249.7	249.2	248.9	249.5	249.7	250.0	251.3	252.5	253.1	253.8
2°	235.3	235.1	234.6	235.1	236.4	237.4	237.6	240.2	242.8	244.1	246.1
3°	213.2	214.8	214.5	215.6	217.6	219.9	219.9	224.0	228.1	230.7	234.6
4°	189.1	190.6	190.6	192.4	195.5	197.3	198.9	204.2	209.9	213.8	219.9
5°	163.9	165.2	165.7	168.0	171.9	174.2	175.7	182.7	189.9	195.3	203.5
6°	139.2	140.3	141.0	143.6	148.2	150.8	152.9	160.3	168.8	175.5	185.7
7°	116.1	117.2	117.9	120.7	125.6	128.5	130.8	138.7	147.7	155.7	167.3
8°	95.3	96.6	97.4	100.2	105.1	107.9	110.5	118.4	127.9	136.7	149.3
9°	77.6	78.6	79.4	82.2	86.8	89.7	92.2	99.9	109.4	118.7	131.8
10°	62.2	63.2	64.0	67.8	71.4	74.0	76.3	83.5	92.7	102.3	115.4
11°	50.4	51.4	52.2	55.0	58.1	60.1	62.7	69.6	78.1	87.6	100.2
12°	41.4	42.1	43.2	45.2	48.0	50.4	51.9	57.5	65.5	74.5	86.6
13°	35.2	35.2	36.0	37.5	40.1	41.9	43.4	48.3	55.0	63.2	74.5
14°	29.8	29.5	30.6	31.9	33.9	35.2	36.2	40.8	46.8	54.0	64.0
15°	25.4	25.4	26.2	27.2	28.8	30.1	31.1	34.7	39.8	46.2	55.0
17.5°	19.0	19.0	19.5	20.0	21.1	21.8	22.6	24.7	28.0	32.4	38.8
20°	15.4	15.4	15.7	15.9	16.7	17.2	17.7	19.0	21.3	24.1	28.8
22.5°	13.4	13.4	13.6	13.6	14.1	14.4	14.9	15.7	17.2	19.0	22.4
25°	12.1	12.1	12.3	12.3	12.6	12.8	13.1	13.6	14.6	15.9	18.2
27.5°	11.8	11.8	11.8	11.8	11.8	11.8	12.1	12.3	12.8	13.9	15.7
30°	11.8	11.8	11.8	11.6	11.6	11.6	11.6	11.6	11.8	12.6	13.6
32.5°	12.3	12.3	12.3	12.1	11.6	11.6	11.3	11.3	11.3	11.6	12.3
35°	12.8	12.8	12.6	12.3	12.1	11.8	11.6	11.3	11.0	11.0	11.6
37.5°	12.8	12.8	12.6	12.6	12.1	12.1	11.8	11.3	10.8	10.8	10.8
40°	12.1	12.1	12.1	12.1	11.8	11.8	11.6	11.3	10.8	10.5	10.5
42.5°	11.0	11.0	11.0	11.0	11.0	11.0	10.8	10.8	10.5	10.3	10.0
45°	9.5	9.5	9.5	9.8	9.8	9.8	10.0	10.0	9.8	9.8	9.8
47.5°	8.0	8.0	8.0	8.2	8.5	8.5	8.5	8.7	9.0	9.0	9.0
50°	6.4	6.4	6.7	6.7	6.9	6.9	7.2	7.5	7.7	8.0	8.2
52.5°	5.1	5.1	5.1	5.4	5.7	5.7	5.9	6.2	6.7	6.9	7.5
55°	3.9	3.9	3.9	4.1	4.4	4.4	4.6	4.9	5.4	5.9	6.2
57.5°	2.6	2.8	2.8	2.8	3.1	3.3	3.3	3.9	4.1	4.9	5.1
60°	1.8	1.8	2.1	2.1	2.3	2.3	2.6	2.8	3.1	3.6	4.1
62.5°	1.3	1.3	1.3	1.5	1.5	1.8	1.8	2.1	2.3	2.8	3.3
65°	1.0	1.0	1.0	1.0	1.3	1.3	1.3	1.5	1.8	2.1	2.6
67.5°	0.8	0.8	0.8	1.0	1.0	1.0	1.0	1.0	1.3	1.5	1.8
70°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.0	1.0	1.3	1.3
72.5°	0.5	0.5	0.5	0.5	0.8	0.8	0.8	0.8	0.8	0.8	1.0
75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.8	0.8	0.8
77.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.8
80°	0.3	0.3	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
82.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.5	0.5
85°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
87.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
90°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
92.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
95°	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0
97.5°	0.3	0.0	0.0	0.3	0.3	0.3	0.3	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°	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7
1°	255.1	255.6	256.4	257.9	258.2	258.5	259.0	259.5	260.8	261.3	260.8
2°	248.7	250.2	252.5	255.1	255.4	256.4	257.7	258.7	260.3	261.0	260.3
3°	238.9	242.3	246.1	250.7	251.5	253.1	255.6	257.7	259.7	260.5	259.7
4°	226.3	231.5	237.6	244.3	246.1	248.4	252.5	255.9	258.7	259.7	258.7
5°	211.7	219.1	227.6	236.6	239.7	243.0	249.2	253.8	257.7	259.2	257.7
6°	195.8	205.5	216.3	227.9	232.0	236.9	245.1	251.0	256.1	257.9	256.1
7°	178.0	190.6	204.0	218.1	223.5	229.4	240.2	248.2	254.3	256.7	254.3
8°	161.3	175.7	191.1	207.8	214.3	221.7	234.8	245.1	252.5	255.4	252.5
9°	144.9	160.6	178.0	196.8	204.8	213.5	228.9	241.2	250.5	253.8	250.5
10°	129.2	146.7	164.7	185.5	194.2	204.5	222.7	237.4	247.9	252.3	247.9
11°	114.3	132.3	151.6	173.2	183.7	195.3	215.8	233.0	245.1	250.0	245.1
12°	101.0	119.0	138.7	161.9	173.2	185.7	208.6	228.1	242.0	247.4	242.0
13°	88.6	106.4	126.4	150.0	162.6	176.2	201.2	223.0	238.4	244.6	238.4
14°	77.8	94.8	115.1	139.2	152.3	167.0	193.7	217.6	234.8	241.5	234.8
15°	67.6	84.3	104.3	129.0	142.8	157.5	186.0	211.7	230.5	237.9	230.5
17.5°	48.3	61.9	80.9	105.3	119.2	135.1	166.2	196.0	218.1	226.6	218.1
20°	35.7	46.5	62.2	85.3	98.9	113.6	146.7	178.8	202.7	212.2	202.7
22.5°	27.5	35.7	48.6	69.4	81.7	96.1	128.5	161.1	185.5	195.3	185.5
25°	22.1	28.5	38.8	56.3	67.6	81.4	112.0	143.6	167.3	176.5	167.3
27.5°	18.5	23.4	31.9	46.8	56.8	69.4	98.1	127.2	149.5	158.0	149.5
30°	15.9	19.8	27.0	39.8	48.8	59.9	86.3	112.5	133.1	141.3	133.1
32.5°	14.1	17.2	23.4	34.7	42.9	52.4	76.0	99.4	117.9	125.4	117.9
35°	12.6	15.4	20.6	30.8	38.0	46.8	66.8	87.1	103.3	110.2	103.3
37.5°	11.8	13.9	18.5	27.7	34.2	41.6	58.6	75.8	89.7	96.1	89.7
40°	11.0	12.8	17.0	25.2	30.8	37.3	51.4	64.7	77.3	82.7	77.3
42.5°	10.3	11.8	15.4	22.9	27.7	33.1	44.2	55.5	66.3	71.4	66.3
45°	10.0	11.0	14.4	20.6	24.9	29.3	38.3	47.5	56.5	60.9	56.5
47.5°	9.2	10.3	13.1	18.5	21.8	25.4	32.6	40.6	48.0	51.6	48.0
50°	8.5	9.5	12.1	16.4	19.3	21.8	27.7	34.4	40.8	43.7	40.8
52.5°	7.7	8.7	10.8	14.4	16.4	18.8	23.4	29.0	34.4	36.7	34.4
55°	6.7	7.7	9.5	12.3	14.1	15.7	19.5	24.1	28.5	30.6	28.5
57.5°	5.9	6.7	8.2	10.5	11.8	13.1	16.2	20.0	23.6	25.2	23.6
60°	4.9	5.7	6.9	8.7	9.8	10.8	13.4	16.4	19.3	20.6	19.3
62.5°	3.9	4.6	5.7	7.2	8.0	9.0	10.8	13.4	15.7	16.4	15.7
65°	3.1	3.6	4.6	5.9	6.7	7.2	8.7	10.8	12.3	13.1	12.3
67.5°	2.3	2.8	3.6	4.6	5.4	5.9	7.2	8.5	9.8	10.5	9.8
70°	1.8	2.1	2.8	3.6	4.1	4.6	5.7	6.7	7.7	8.0	7.7
72.5°	1.3	1.5	2.1	2.8	3.1	3.6	4.4	5.1	5.9	6.2	5.9
75°	1.0	1.3	1.5	2.1	2.3	2.8	3.3	3.9	4.4	4.6	4.4
77.5°	0.8	1.0	1.3	1.5	1.8	2.1	2.3	2.8	3.1	3.3	3.1
80°	0.5	0.8	0.8	1.0	1.3	1.3	1.8	1.8	2.1	2.1	2.1
82.5°	0.5	0.5	0.5	0.8	0.8	1.0	1.0	1.3	1.3	1.3	1.3
85°	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3





TEST NUMBER: P273486

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

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
90°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
92.5°	0.3	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: P273486

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

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7
1°	259.5	259.0	258.5	258.2	257.9	256.4	255.6	255.1	253.8	253.1	252.5
2°	258.7	257.7	256.4	255.4	255.1	252.5	250.2	248.7	246.1	244.1	242.8
3°	257.7	255.6	253.1	251.5	250.7	246.1	242.3	238.9	234.6	230.7	228.1
4°	255.9	252.5	248.4	246.1	244.3	237.6	231.5	226.3	219.9	213.8	209.9
5°	253.8	249.2	243.0	239.7	236.6	227.6	219.1	211.7	203.5	195.3	189.9
6°	251.0	245.1	236.9	232.0	227.9	216.3	205.5	195.8	185.7	175.5	168.8
7°	248.2	240.2	229.4	223.5	218.1	204.0	190.6	178.0	167.3	155.7	147.7
8°	245.1	234.8	221.7	214.3	207.8	191.1	175.7	161.3	149.3	136.7	127.9
9°	241.2	228.9	213.5	204.8	196.8	178.0	160.6	144.9	131.8	118.7	109.4
10°	237.4	222.7	204.5	194.2	185.5	164.7	146.7	129.2	115.4	102.3	92.7
11°	233.0	215.8	195.3	183.7	173.2	151.6	132.3	114.3	100.2	87.6	78.1
12°	228.1	208.6	185.7	173.2	161.9	138.7	119.0	101.0	86.6	74.5	65.5
13°	223.0	201.2	176.2	162.6	150.0	126.4	106.4	88.6	74.5	63.2	55.0
14°	217.6	193.7	167.0	152.3	139.2	115.1	94.8	77.8	64.0	54.0	46.8
15°	211.7	186.0	157.5	142.8	129.0	104.3	84.3	67.6	55.0	46.2	39.8
17.5°	196.0	166.2	135.1	119.2	105.3	80.9	61.9	48.3	38.8	32.4	28.0
20°	178.8	146.7	113.6	98.9	85.3	62.2	46.5	35.7	28.8	24.1	21.3
22.5°	161.1	128.5	96.1	81.7	69.4	48.6	35.7	27.5	22.4	19.0	17.2
25°	143.6	112.0	81.4	67.6	56.3	38.8	28.5	22.1	18.2	15.9	14.6
27.5°	127.2	98.1	69.4	56.8	46.8	31.9	23.4	18.5	15.7	13.9	12.8
30°	112.5	86.3	59.9	48.8	39.8	27.0	19.8	15.9	13.6	12.6	11.8
32.5°	99.4	76.0	52.4	42.9	34.7	23.4	17.2	14.1	12.3	11.6	11.3
35°	87.1	66.8	46.8	38.0	30.8	20.6	15.4	12.6	11.6	11.0	11.0
37.5°	75.8	58.6	41.6	34.2	27.7	18.5	13.9	11.8	10.8	10.8	10.8
40°	64.7	51.4	37.3	30.8	25.2	17.0	12.8	11.0	10.5	10.5	10.8
42.5°	55.5	44.2	33.1	27.7	22.9	15.4	11.8	10.3	10.0	10.3	10.5
45°	47.5	38.3	29.3	24.9	20.6	14.4	11.0	10.0	9.8	9.8	9.8
47.5°	40.6	32.6	25.4	21.8	18.5	13.1	10.3	9.2	9.0	9.0	9.0
50°	34.4	27.7	21.8	19.3	16.4	12.1	9.5	8.5	8.2	8.0	7.7
52.5°	29.0	23.4	18.8	16.4	14.4	10.8	8.7	7.7	7.5	6.9	6.7
55°	24.1	19.5	15.7	14.1	12.3	9.5	7.7	6.7	6.2	5.9	5.4
57.5°	20.0	16.2	13.1	11.8	10.5	8.2	6.7	5.9	5.1	4.9	4.1
60°	16.4	13.4	10.8	9.8	8.7	6.9	5.7	4.9	4.1	3.6	3.1
62.5°	13.4	10.8	9.0	8.0	7.2	5.7	4.6	3.9	3.3	2.8	2.3
65°	10.8	8.7	7.2	6.7	5.9	4.6	3.6	3.1	2.6	2.1	1.8
67.5°	8.5	7.2	5.9	5.4	4.6	3.6	2.8	2.3	1.8	1.5	1.3
70°	6.7	5.7	4.6	4.1	3.6	2.8	2.1	1.8	1.3	1.3	1.0
72.5°	5.1	4.4	3.6	3.1	2.8	2.1	1.5	1.3	1.0	0.8	0.8
75°	3.9	3.3	2.8	2.3	2.1	1.5	1.3	1.0	0.8	0.8	0.8
77.5°	2.8	2.3	2.1	1.8	1.5	1.3	1.0	0.8	0.8	0.5	0.5
80°	1.8	1.8	1.3	1.3	1.0	0.8	0.8	0.5	0.5	0.5	0.5
82.5°	1.3	1.0	1.0	0.8	0.8	0.5	0.5	0.5	0.5	0.5	0.5
85°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.3
87.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3



TEST NUMBER: P273486

CATALOG NUMBER: 0.10-1W-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	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
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: P273486

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

**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7
1°	251.3	250.0	249.7	249.5	248.9	249.2	249.7	249.5	249.7	249.2	248.9
2°	240.2	237.6	237.4	236.4	235.1	234.6	235.1	235.3	235.1	234.6	235.1
3°	224.0	219.9	219.9	217.6	215.6	214.5	214.8	213.2	214.8	214.5	215.6
4°	204.2	198.9	197.3	195.5	192.4	190.6	190.6	189.1	190.6	190.6	192.4
5°	182.7	175.7	174.2	171.9	168.0	165.7	165.2	163.9	165.2	165.7	168.0
6°	160.3	152.9	150.8	148.2	143.6	141.0	140.3	139.2	140.3	141.0	143.6
7°	138.7	130.8	128.5	125.6	120.7	117.9	117.2	116.1	117.2	117.9	120.7
8°	118.4	110.5	107.9	105.1	100.2	97.4	96.6	95.3	96.6	97.4	100.2
9°	99.9	92.2	89.7	86.8	82.2	79.4	78.6	77.6	78.6	79.4	82.2
10°	83.5	76.3	74.0	71.4	67.8	64.0	63.2	62.2	63.2	64.0	67.8
11°	69.6	62.7	60.1	58.1	55.0	52.2	51.4	50.4	51.4	52.2	55.0
12°	57.5	51.9	50.4	48.0	45.2	43.2	42.1	41.4	42.1	43.2	45.2
13°	48.3	43.4	41.9	40.1	37.5	36.0	35.2	35.2	35.2	36.0	37.5
14°	40.8	36.2	35.2	33.9	31.9	30.6	29.5	29.8	29.5	30.6	31.9
15°	34.7	31.1	30.1	28.8	27.2	26.2	25.4	25.4	25.4	26.2	27.2
17.5°	24.7	22.6	21.8	21.1	20.0	19.5	19.0	19.0	19.0	19.5	20.0
20°	19.0	17.7	17.2	16.7	15.9	15.7	15.4	15.4	15.4	15.7	15.9
22.5°	15.7	14.9	14.4	14.1	13.6	13.6	13.4	13.4	13.4	13.6	13.6
25°	13.6	13.1	12.8	12.6	12.3	12.3	12.1	12.1	12.1	12.3	12.3
27.5°	12.3	12.1	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
30°	11.6	11.6	11.6	11.6	11.6	11.8	11.8	11.8	11.8	11.8	11.6
32.5°	11.3	11.3	11.6	11.6	12.1	12.3	12.3	12.3	12.3	12.3	12.1
35°	11.3	11.6	11.8	12.1	12.3	12.6	12.8	12.8	12.8	12.6	12.3
37.5°	11.3	11.8	12.1	12.1	12.6	12.6	12.8	12.8	12.8	12.6	12.6
40°	11.3	11.6	11.8	11.8	12.1	12.1	12.1	12.1	12.1	12.1	12.1
42.5°	10.8	10.8	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
45°	10.0	10.0	9.8	9.8	9.8	9.5	9.5	9.5	9.5	9.5	9.8
47.5°	8.7	8.5	8.5	8.5	8.2	8.0	8.0	8.0	8.0	8.0	8.2
50°	7.5	7.2	6.9	6.9	6.7	6.7	6.4	6.4	6.4	6.7	6.7
52.5°	6.2	5.9	5.7	5.7	5.4	5.1	5.1	5.1	5.1	5.1	5.4
55°	4.9	4.6	4.4	4.4	4.1	3.9	3.9	3.9	3.9	3.9	4.1
57.5°	3.9	3.3	3.3	3.1	2.8	2.8	2.8	2.6	2.8	2.8	2.8
60°	2.8	2.6	2.3	2.3	2.1	2.1	1.8	1.8	1.8	2.1	2.1
62.5°	2.1	1.8	1.8	1.5	1.5	1.3	1.3	1.3	1.3	1.3	1.5
65°	1.5	1.3	1.3	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0
67.5°	1.0	1.0	1.0	1.0	1.0	0.8	0.8	0.8	0.8	0.8	1.0
70°	1.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
72.5°	0.8	0.8	0.8	0.8	0.5	0.5	0.5	0.5	0.5	0.5	0.5
75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
77.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
80°	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.3	0.3	0.5
82.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
87.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3



TEST NUMBER: P273486

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

**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
90°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
92.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
95°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.3	0.3
97.5°	0.0	0.3	0.3	0.3	0.3	0.0	0.0	0.3	0.0	0.0	0.3
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: P273486

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

**CANDELA DISTRIBUTION (continued):**

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7
1°	249.5	249.7	250.0	251.3	252.5	253.1	253.8	255.1	255.6	256.4	257.9
2°	236.4	237.4	237.6	240.2	242.8	244.1	246.1	248.7	250.2	252.5	255.1
3°	217.6	219.9	219.9	224.0	228.1	230.7	234.6	238.9	242.3	246.1	250.7
4°	195.5	197.3	198.9	204.2	209.9	213.8	219.9	226.3	231.5	237.6	244.3
5°	171.9	174.2	175.7	182.7	189.9	195.3	203.5	211.7	219.1	227.6	236.6
6°	148.2	150.8	152.9	160.3	168.8	175.5	185.7	195.8	205.5	216.3	227.9
7°	125.6	128.5	130.8	138.7	147.7	155.7	167.3	178.0	190.6	204.0	218.1
8°	105.1	107.9	110.5	118.4	127.9	136.7	149.3	161.3	175.7	191.1	207.8
9°	86.8	89.7	92.2	99.9	109.4	118.7	131.8	144.9	160.6	178.0	196.8
10°	71.4	74.0	76.3	83.5	92.7	102.3	115.4	129.2	146.7	164.7	185.5
11°	58.1	60.1	62.7	69.6	78.1	87.6	100.2	114.3	132.3	151.6	173.2
12°	48.0	50.4	51.9	57.5	65.5	74.5	86.6	101.0	119.0	138.7	161.9
13°	40.1	41.9	43.4	48.3	55.0	63.2	74.5	88.6	106.4	126.4	150.0
14°	33.9	35.2	36.2	40.8	46.8	54.0	64.0	77.8	94.8	115.1	139.2
15°	28.8	30.1	31.1	34.7	39.8	46.2	55.0	67.6	84.3	104.3	129.0
17.5°	21.1	21.8	22.6	24.7	28.0	32.4	38.8	48.3	61.9	80.9	105.3
20°	16.7	17.2	17.7	19.0	21.3	24.1	28.8	35.7	46.5	62.2	85.3
22.5°	14.1	14.4	14.9	15.7	17.2	19.0	22.4	27.5	35.7	48.6	69.4
25°	12.6	12.8	13.1	13.6	14.6	15.9	18.2	22.1	28.5	38.8	56.3
27.5°	11.8	11.8	12.1	12.3	12.8	13.9	15.7	18.5	23.4	31.9	46.8
30°	11.6	11.6	11.6	11.6	11.8	12.6	13.6	15.9	19.8	27.0	39.8
32.5°	11.6	11.6	11.3	11.3	11.3	11.6	12.3	14.1	17.2	23.4	34.7
35°	12.1	11.8	11.6	11.3	11.0	11.0	11.6	12.6	15.4	20.6	30.8
37.5°	12.1	12.1	11.8	11.3	10.8	10.8	10.8	11.8	13.9	18.5	27.7
40°	11.8	11.8	11.6	11.3	10.8	10.5	10.5	11.0	12.8	17.0	25.2
42.5°	11.0	11.0	10.8	10.8	10.5	10.3	10.0	10.3	11.8	15.4	22.9
45°	9.8	9.8	10.0	10.0	9.8	9.8	9.8	10.0	11.0	14.4	20.6
47.5°	8.5	8.5	8.5	8.7	9.0	9.0	9.0	9.2	10.3	13.1	18.5
50°	6.9	6.9	7.2	7.5	7.7	8.0	8.2	8.5	9.5	12.1	16.4
52.5°	5.7	5.7	5.9	6.2	6.7	6.9	7.5	7.7	8.7	10.8	14.4
55°	4.4	4.4	4.6	4.9	5.4	5.9	6.2	6.7	7.7	9.5	12.3
57.5°	3.1	3.3	3.3	3.9	4.1	4.9	5.1	5.9	6.7	8.2	10.5
60°	2.3	2.3	2.6	2.8	3.1	3.6	4.1	4.9	5.7	6.9	8.7
62.5°	1.5	1.8	1.8	2.1	2.3	2.8	3.3	3.9	4.6	5.7	7.2
65°	1.3	1.3	1.3	1.5	1.8	2.1	2.6	3.1	3.6	4.6	5.9
67.5°	1.0	1.0	1.0	1.0	1.3	1.5	1.8	2.3	2.8	3.6	4.6
70°	0.8	0.8	0.8	1.0	1.0	1.3	1.3	1.8	2.1	2.8	3.6
72.5°	0.8	0.8	0.8	0.8	0.8	0.8	1.0	1.3	1.5	2.1	2.8
75°	0.5	0.5	0.5	0.5	0.8	0.8	0.8	1.0	1.3	1.5	2.1
77.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.8	0.8	1.0	1.3	1.5
80°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.8	0.8	1.0
82.5°	0.3	0.3	0.3	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.8
85°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.5	0.5
87.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3



TEST NUMBER: P273486

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

**CANDELA DISTRIBUTION (continued):**

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
90°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
92.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0
95°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.3	0.3	0.3	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: P273486

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

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7
1°	258.2	258.5	259.0	259.5	260.8	261.3	260.8	259.5	259.0	258.5	258.2
2°	255.4	256.4	257.7	258.7	260.3	261.0	260.3	258.7	257.7	256.4	255.4
3°	251.5	253.1	255.6	257.7	259.7	260.5	259.7	257.7	255.6	253.1	251.5
4°	246.1	248.4	252.5	255.9	258.7	259.7	258.7	255.9	252.5	248.4	246.1
5°	239.7	243.0	249.2	253.8	257.7	259.2	257.7	253.8	249.2	243.0	239.7
6°	232.0	236.9	245.1	251.0	256.1	257.9	256.1	251.0	245.1	236.9	232.0
7°	223.5	229.4	240.2	248.2	254.3	256.7	254.3	248.2	240.2	229.4	223.5
8°	214.3	221.7	234.8	245.1	252.5	255.4	252.5	245.1	234.8	221.7	214.3
9°	204.8	213.5	228.9	241.2	250.5	253.8	250.5	241.2	228.9	213.5	204.8
10°	194.2	204.5	222.7	237.4	247.9	252.3	247.9	237.4	222.7	204.5	194.2
11°	183.7	195.3	215.8	233.0	245.1	250.0	245.1	233.0	215.8	195.3	183.7
12°	173.2	185.7	208.6	228.1	242.0	247.4	242.0	228.1	208.6	185.7	173.2
13°	162.6	176.2	201.2	223.0	238.4	244.6	238.4	223.0	201.2	176.2	162.6
14°	152.3	167.0	193.7	217.6	234.8	241.5	234.8	217.6	193.7	167.0	152.3
15°	142.8	157.5	186.0	211.7	230.5	237.9	230.5	211.7	186.0	157.5	142.8
17.5°	119.2	135.1	166.2	196.0	218.1	226.6	218.1	196.0	166.2	135.1	119.2
20°	98.9	113.6	146.7	178.8	202.7	212.2	202.7	178.8	146.7	113.6	98.9
22.5°	81.7	96.1	128.5	161.1	185.5	195.3	185.5	161.1	128.5	96.1	81.7
25°	67.6	81.4	112.0	143.6	167.3	176.5	167.3	143.6	112.0	81.4	67.6
27.5°	56.8	69.4	98.1	127.2	149.5	158.0	149.5	127.2	98.1	69.4	56.8
30°	48.8	59.9	86.3	112.5	133.1	141.3	133.1	112.5	86.3	59.9	48.8
32.5°	42.9	52.4	76.0	99.4	117.9	125.4	117.9	99.4	76.0	52.4	42.9
35°	38.0	46.8	66.8	87.1	103.3	110.2	103.3	87.1	66.8	46.8	38.0
37.5°	34.2	41.6	58.6	75.8	89.7	96.1	89.7	75.8	58.6	41.6	34.2
40°	30.8	37.3	51.4	64.7	77.3	82.7	77.3	64.7	51.4	37.3	30.8
42.5°	27.7	33.1	44.2	55.5	66.3	71.4	66.3	55.5	44.2	33.1	27.7
45°	24.9	29.3	38.3	47.5	56.5	60.9	56.5	47.5	38.3	29.3	24.9
47.5°	21.8	25.4	32.6	40.6	48.0	51.6	48.0	40.6	32.6	25.4	21.8
50°	19.3	21.8	27.7	34.4	40.8	43.7	40.8	34.4	27.7	21.8	19.3
52.5°	16.4	18.8	23.4	29.0	34.4	36.7	34.4	29.0	23.4	18.8	16.4
55°	14.1	15.7	19.5	24.1	28.5	30.6	28.5	24.1	19.5	15.7	14.1
57.5°	11.8	13.1	16.2	20.0	23.6	25.2	23.6	20.0	16.2	13.1	11.8
60°	9.8	10.8	13.4	16.4	19.3	20.6	19.3	16.4	13.4	10.8	9.8
62.5°	8.0	9.0	10.8	13.4	15.7	16.4	15.7	13.4	10.8	9.0	8.0
65°	6.7	7.2	8.7	10.8	12.3	13.1	12.3	10.8	8.7	7.2	6.7
67.5°	5.4	5.9	7.2	8.5	9.8	10.5	9.8	8.5	7.2	5.9	5.4
70°	4.1	4.6	5.7	6.7	7.7	8.0	7.7	6.7	5.7	4.6	4.1
72.5°	3.1	3.6	4.4	5.1	5.9	6.2	5.9	5.1	4.4	3.6	3.1
75°	2.3	2.8	3.3	3.9	4.4	4.6	4.4	3.9	3.3	2.8	2.3
77.5°	1.8	2.1	2.3	2.8	3.1	3.3	3.1	2.8	2.3	2.1	1.8
80°	1.3	1.3	1.8	1.8	2.1	2.1	2.1	1.8	1.8	1.3	1.3
82.5°	0.8	1.0	1.0	1.3	1.3	1.3	1.3	1.3	1.0	1.0	0.8
85°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3





TEST NUMBER: P273486

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

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
90°	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
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: P273486

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

**CANDELA DISTRIBUTION (continued):**

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7
1°	257.9	256.4	255.6	255.1	253.8	253.1	252.5	251.3	250.0	249.7	249.5
2°	255.1	252.5	250.2	248.7	246.1	244.1	242.8	240.2	237.6	237.4	236.4
3°	250.7	246.1	242.3	238.9	234.6	230.7	228.1	224.0	219.9	219.9	217.6
4°	244.3	237.6	231.5	226.3	219.9	213.8	209.9	204.2	198.9	197.3	195.5
5°	236.6	227.6	219.1	211.7	203.5	195.3	189.9	182.7	175.7	174.2	171.9
6°	227.9	216.3	205.5	195.8	185.7	175.5	168.8	160.3	152.9	150.8	148.2
7°	218.1	204.0	190.6	178.0	167.3	155.7	147.7	138.7	130.8	128.5	125.6
8°	207.8	191.1	175.7	161.3	149.3	136.7	127.9	118.4	110.5	107.9	105.1
9°	196.8	178.0	160.6	144.9	131.8	118.7	109.4	99.9	92.2	89.7	86.8
10°	185.5	164.7	146.7	129.2	115.4	102.3	92.7	83.5	76.3	74.0	71.4
11°	173.2	151.6	132.3	114.3	100.2	87.6	78.1	69.6	62.7	60.1	58.1
12°	161.9	138.7	119.0	101.0	86.6	74.5	65.5	57.5	51.9	50.4	48.0
13°	150.0	126.4	106.4	88.6	74.5	63.2	55.0	48.3	43.4	41.9	40.1
14°	139.2	115.1	94.8	77.8	64.0	54.0	46.8	40.8	36.2	35.2	33.9
15°	129.0	104.3	84.3	67.6	55.0	46.2	39.8	34.7	31.1	30.1	28.8
17.5°	105.3	80.9	61.9	48.3	38.8	32.4	28.0	24.7	22.6	21.8	21.1
20°	85.3	62.2	46.5	35.7	28.8	24.1	21.3	19.0	17.7	17.2	16.7
22.5°	69.4	48.6	35.7	27.5	22.4	19.0	17.2	15.7	14.9	14.4	14.1
25°	56.3	38.8	28.5	22.1	18.2	15.9	14.6	13.6	13.1	12.8	12.6
27.5°	46.8	31.9	23.4	18.5	15.7	13.9	12.8	12.3	12.1	11.8	11.8
30°	39.8	27.0	19.8	15.9	13.6	12.6	11.8	11.6	11.6	11.6	11.6
32.5°	34.7	23.4	17.2	14.1	12.3	11.6	11.3	11.3	11.3	11.6	11.6
35°	30.8	20.6	15.4	12.6	11.6	11.0	11.0	11.3	11.6	11.8	12.1
37.5°	27.7	18.5	13.9	11.8	10.8	10.8	10.8	11.3	11.8	12.1	12.1
40°	25.2	17.0	12.8	11.0	10.5	10.5	10.8	11.3	11.6	11.8	11.8
42.5°	22.9	15.4	11.8	10.3	10.0	10.3	10.5	10.8	10.8	11.0	11.0
45°	20.6	14.4	11.0	10.0	9.8	9.8	9.8	10.0	10.0	9.8	9.8
47.5°	18.5	13.1	10.3	9.2	9.0	9.0	9.0	8.7	8.5	8.5	8.5
50°	16.4	12.1	9.5	8.5	8.2	8.0	7.7	7.5	7.2	6.9	6.9
52.5°	14.4	10.8	8.7	7.7	7.5	6.9	6.7	6.2	5.9	5.7	5.7
55°	12.3	9.5	7.7	6.7	6.2	5.9	5.4	4.9	4.6	4.4	4.4
57.5°	10.5	8.2	6.7	5.9	5.1	4.9	4.1	3.9	3.3	3.3	3.1
60°	8.7	6.9	5.7	4.9	4.1	3.6	3.1	2.8	2.6	2.3	2.3
62.5°	7.2	5.7	4.6	3.9	3.3	2.8	2.3	2.1	1.8	1.8	1.5
65°	5.9	4.6	3.6	3.1	2.6	2.1	1.8	1.5	1.3	1.3	1.3
67.5°	4.6	3.6	2.8	2.3	1.8	1.5	1.3	1.0	1.0	1.0	1.0
70°	3.6	2.8	2.1	1.8	1.3	1.3	1.0	1.0	0.8	0.8	0.8
72.5°	2.8	2.1	1.5	1.3	1.0	0.8	0.8	0.8	0.8	0.8	0.8
75°	2.1	1.5	1.3	1.0	0.8	0.8	0.8	0.5	0.5	0.5	0.5
77.5°	1.5	1.3	1.0	0.8	0.8	0.5	0.5	0.5	0.5	0.5	0.5
80°	1.0	0.8	0.8	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
82.5°	0.8	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.3
85°	0.5	0.5	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
87.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3



TEST NUMBER: P273486

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

**CANDELA DISTRIBUTION (continued):**

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
90°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
92.5°	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3
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: P273486

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

**CANDELA DISTRIBUTION (continued):**

	345°	350°	355°	360°
0°	257.7	257.7	257.7	257.7
1°	248.9	249.2	249.7	249.5
2°	235.1	234.6	235.1	235.3
3°	215.6	214.5	214.8	213.2
4°	192.4	190.6	190.6	189.1
5°	168.0	165.7	165.2	163.9
6°	143.6	141.0	140.3	139.2
7°	120.7	117.9	117.2	116.1
8°	100.2	97.4	96.6	95.3
9°	82.2	79.4	78.6	77.6
10°	67.8	64.0	63.2	62.2
11°	55.0	52.2	51.4	50.4
12°	45.2	43.2	42.1	41.4
13°	37.5	36.0	35.2	35.2
14°	31.9	30.6	29.5	29.8
15°	27.2	26.2	25.4	25.4
17.5°	20.0	19.5	19.0	19.0
20°	15.9	15.7	15.4	15.4
22.5°	13.6	13.6	13.4	13.4
25°	12.3	12.3	12.1	12.1
27.5°	11.8	11.8	11.8	11.8
30°	11.6	11.8	11.8	11.8
32.5°	12.1	12.3	12.3	12.3
35°	12.3	12.6	12.8	12.8
37.5°	12.6	12.6	12.8	12.8
40°	12.1	12.1	12.1	12.1
42.5°	11.0	11.0	11.0	11.0
45°	9.8	9.5	9.5	9.5
47.5°	8.2	8.0	8.0	8.0
50°	6.7	6.7	6.4	6.4
52.5°	5.4	5.1	5.1	5.1
55°	4.1	3.9	3.9	3.9
57.5°	2.8	2.8	2.8	2.6
60°	2.1	2.1	1.8	1.8
62.5°	1.5	1.3	1.3	1.3
65°	1.0	1.0	1.0	1.0
67.5°	1.0	0.8	0.8	0.8
70°	0.8	0.8	0.8	0.8
72.5°	0.5	0.5	0.5	0.5
75°	0.5	0.5	0.5	0.5
77.5°	0.5	0.5	0.5	0.5
80°	0.5	0.3	0.3	0.3
82.5°	0.3	0.3	0.3	0.3
85°	0.3	0.3	0.3	0.3
87.5°	0.3	0.3	0.3	0.3



TEST NUMBER: P273486

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

**CANDELA DISTRIBUTION (continued):**

	345°	350°	355°	360°
90°	0.3	0.3	0.3	0.3
92.5°	0.3	0.3	0.3	0.3
95°	0.3	0.3	0.0	0.0
97.5°	0.3	0.0	0.0	0.3
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)