

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: P273498

Luminaire Tested: **0.10-3W-835-10-OD-STD-UNV-AN-1F6**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P273498
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-835-10-OD-STD-UNV-AN-1F6
Description: iO LIGHTING SERIES 1.5 LINEAR LED LUMINAIRE, 10 DEGREE OPTIC.
HIGH OUTPUT
Light Source: 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 308.9 lumens
Efficiency: N/A
Efficacy: 34.7 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

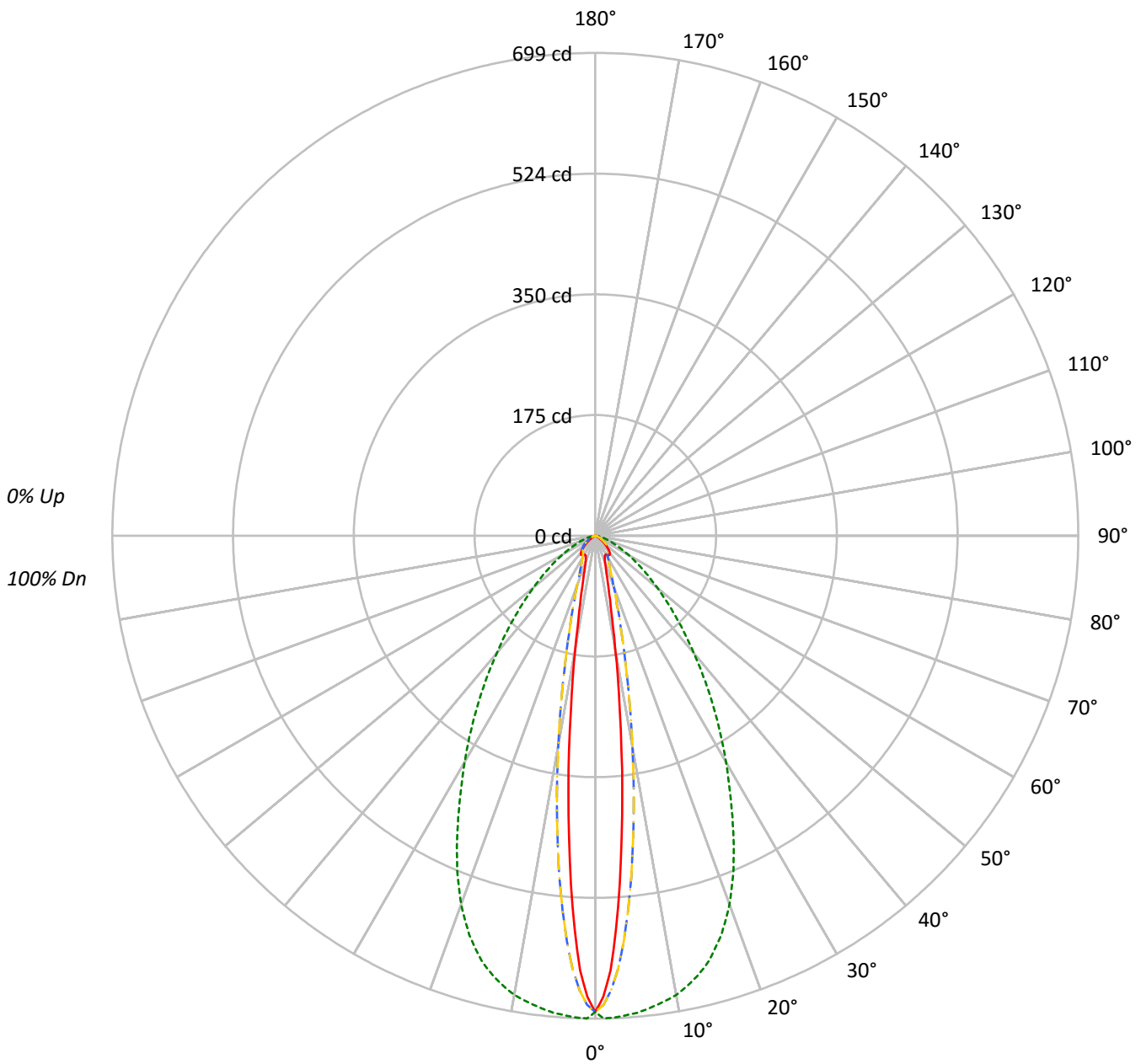
Input Watts (W): 8.9
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P273498

CATALOG NUMBER: 0.10-3W-835-10-OD-STD-UNV-AN-1F6

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	64	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°	63558	63558	63558	63558
5°	38881	64014	38881	64014
10°	14307	62861	14307	62861
15°	5724	60271	5724	60271
20°	3420	55101	3420	55101
25°	2664	47377	2664	47377
30°	2610	39561	2610	39561
35°	2868	32513	2868	32513
40°	2738	25985	2738	25985
45°	2208	20626	2208	20626
50°	1546	16179	1546	16179
55°	966	12612	966	12612
60°	474	9645	474	9645
65°	284	7198	284	7198
70°	238	5308	238	5308
75°	174	3976	174	3976
80°	97	2499	97	2499
85°	110	1105	110	1105



TEST NUMBER: P273498

CATALOG NUMBER: 0.10-3W-835-10-OD-STD-UNV-AN-1F6

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.4	15.0
10°-20°	68.0	22.0
20°-30°	60.1	19.5
30°-40°	51.4	16.6
40°-50°	40.2	13.0
50°-60°	24.8	8.0
60°-70°	11.7	3.8
70°-80°	4.6	1.5
80°-90°	1.3	0.4
90°-100°	0.3	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°	174.5	56.5
0°-40°	226.0	73.2
0°-60°	291.0	94.2
0°-90°	308.6	99.9
90°-120°	0.3	0.1
90°-150°	0.3	0.1
90°-180°	0.0	0.0
0°-180°	308.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	689	689	689	689	689	
5°	438	694	438	694	438	33
15°	68	636	68	636	68	21
25°	32	472	32	472	32	16
35°	34	295	34	295	34	21
45°	25	163	25	163	25	19
55°	10	82	10	82	10	9
65°	3	35	3	35	3	3
75°	1	12	1	12	1	1
85°	1	1	1	1	1	1
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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CATALOG NUMBER: 0.10-3W-835-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	689.4	689.4	689.4	689.4	689.4	689.4	689.4	689.4	689.4	689.4	689.4
1°	667.4	668.1	666.7	666.0	667.4	668.1	668.8	672.2	675.7	677.0	679.1
2°	629.6	628.9	627.5	628.9	632.4	635.1	635.8	642.7	649.5	653.0	658.5
3°	570.5	574.6	573.9	576.7	582.2	588.4	588.4	599.4	610.4	617.2	627.5
4°	505.9	510.0	510.0	514.8	523.1	527.9	532.0	546.4	561.6	571.9	588.4
5°	438.5	442.0	443.3	449.5	459.8	466.0	470.1	488.7	508.0	522.4	544.4
6°	372.5	375.3	377.4	384.2	396.6	403.5	409.0	428.9	451.6	469.5	497.0
7°	310.7	313.4	315.5	323.1	336.1	343.7	349.9	371.2	395.2	416.5	447.5
8°	255.0	258.4	260.5	268.1	281.1	288.7	295.6	316.9	342.3	365.7	399.3
9°	207.6	210.3	212.4	220.0	232.3	239.9	246.8	267.4	292.8	317.6	352.6
10°	166.3	169.1	171.1	181.5	191.1	198.0	204.1	223.4	248.1	273.6	308.6
11°	134.7	137.5	139.5	147.1	155.3	160.8	167.7	186.3	209.0	234.4	268.1
12°	110.7	112.7	115.5	121.0	128.5	134.7	138.8	154.0	175.3	199.3	231.6
13°	94.2	94.2	96.2	100.4	107.2	112.0	116.2	129.2	147.1	169.1	199.3
14°	79.7	79.0	81.8	85.2	90.7	94.2	96.9	109.3	125.1	144.3	171.1
15°	68.0	68.0	70.1	72.9	77.0	80.4	83.2	92.8	106.5	123.7	147.1
17.5°	50.9	50.9	52.2	53.6	56.4	58.4	60.5	66.0	74.9	86.6	103.8
20°	41.2	41.2	41.9	42.6	44.7	46.1	47.4	50.9	57.0	64.6	77.0
22.5°	35.7	35.7	36.4	36.4	37.8	38.5	39.9	41.9	46.1	50.9	59.8
25°	32.3	32.3	33.0	33.0	33.7	34.4	35.1	36.4	39.2	42.6	48.8
27.5°	31.6	31.6	31.6	31.6	31.6	31.6	32.3	33.0	34.4	37.1	41.9
30°	31.6	31.6	31.6	30.9	30.9	30.9	30.9	30.9	31.6	33.7	36.4
32.5°	33.0	33.0	33.0	32.3	30.9	30.9	30.2	30.2	30.2	30.9	33.0
35°	34.4	34.4	33.7	33.0	32.3	31.6	30.9	30.2	29.6	29.6	30.9
37.5°	34.4	34.4	33.7	33.7	32.3	32.3	31.6	30.2	28.9	28.9	28.9
40°	32.3	32.3	32.3	32.3	31.6	31.6	30.9	30.2	28.9	28.2	28.2
42.5°	29.6	29.6	29.6	29.6	29.6	29.6	28.9	28.9	28.2	27.5	26.8
45°	25.4	25.4	25.4	26.1	26.1	26.1	26.8	26.8	26.1	26.1	26.1
47.5°	21.3	21.3	21.3	22.0	22.7	22.7	22.7	23.4	24.1	24.1	24.1
50°	17.2	17.2	17.9	17.9	18.6	18.6	19.2	19.9	20.6	21.3	22.0
52.5°	13.7	13.7	13.7	14.4	15.1	15.1	15.8	16.5	17.9	18.6	19.9
55°	10.3	10.3	10.3	11.0	11.7	11.7	12.4	13.1	14.4	15.8	16.5
57.5°	6.9	7.6	7.6	7.6	8.2	8.9	8.9	10.3	11.0	13.1	13.7
60°	4.8	4.8	5.5	5.5	6.2	6.2	6.9	7.6	8.2	9.6	11.0
62.5°	3.4	3.4	3.4	4.1	4.1	4.8	4.8	5.5	6.2	7.6	8.9
65°	2.7	2.7	2.7	2.7	3.4	3.4	3.4	4.1	4.8	5.5	6.9
67.5°	2.1	2.1	2.1	2.7	2.7	2.7	2.7	2.7	3.4	4.1	4.8
70°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.7	2.7	3.4	3.4
72.5°	1.4	1.4	1.4	1.4	2.1	2.1	2.1	2.1	2.1	2.1	2.7
75°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.1	2.1	2.1
77.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.1
80°	0.7	0.7	0.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
82.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.4	1.4	1.4
85°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7



TEST NUMBER: P273498

CATALOG NUMBER: 0.10-3W-835-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
90°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
92.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
95°	0.0	0.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.0	0.0
97.5°	0.7	0.0	0.0	0.7	0.7	0.7	0.7	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: P273498

CATALOG NUMBER: 0.10-3W-835-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	689.4	689.4	689.4	689.4	689.4	689.4	689.4	689.4	689.4	689.4	689.4
1°	682.5	683.9	686.0	690.1	690.8	691.5	692.8	694.2	697.7	699.0	697.7
2°	665.4	669.5	675.7	682.5	683.2	686.0	689.4	692.2	696.3	698.3	696.3
3°	639.2	648.2	658.5	670.9	672.9	677.0	683.9	689.4	694.9	697.0	694.9
4°	605.6	619.3	635.8	653.7	658.5	664.7	675.7	684.6	692.2	694.9	692.2
5°	566.4	586.3	609.0	633.0	641.3	650.2	666.7	679.1	689.4	693.5	689.4
6°	523.8	549.9	578.7	609.7	620.7	633.7	655.7	671.5	685.3	690.1	685.3
7°	476.3	510.0	545.8	583.6	598.0	613.8	642.7	664.0	680.5	686.7	680.5
8°	431.7	470.1	511.4	556.1	573.2	593.2	628.2	655.7	675.7	683.2	675.7
9°	387.7	429.6	476.3	526.5	547.8	571.2	612.4	645.4	670.2	679.1	670.2
10°	345.7	392.5	440.6	496.3	519.6	547.1	595.9	635.1	663.3	675.0	663.3
11°	305.9	354.0	405.5	463.3	491.5	522.4	577.4	623.4	655.7	668.8	655.7
12°	270.1	318.2	371.2	433.0	463.3	497.0	558.1	610.4	647.5	661.9	647.5
13°	237.1	284.6	338.2	401.4	435.1	471.5	538.2	596.6	637.9	654.4	637.9
14°	208.3	253.6	307.9	372.5	407.6	446.8	518.3	582.2	628.2	646.1	628.2
15°	180.8	225.5	279.1	345.0	382.2	421.3	497.6	566.4	616.6	636.5	616.6
17.5°	129.2	165.7	216.5	281.8	318.9	361.5	444.7	524.4	583.6	606.2	583.6
20°	95.5	124.4	166.3	228.2	264.6	303.8	392.5	478.4	542.3	567.7	542.3
22.5°	73.5	95.5	129.9	185.6	218.6	257.1	343.7	431.0	496.3	522.4	496.3
25°	59.1	76.3	103.8	150.5	180.8	217.9	299.7	384.2	447.5	472.2	447.5
27.5°	49.5	62.5	85.2	125.1	151.9	185.6	262.6	340.2	400.0	422.7	400.0
30°	42.6	52.9	72.2	106.5	130.6	160.2	230.9	301.1	356.0	378.0	356.0
32.5°	37.8	46.1	62.5	92.8	114.8	140.2	203.5	266.0	315.5	335.4	315.5
35°	33.7	41.2	55.0	82.5	101.7	125.1	178.7	233.0	276.3	294.9	276.3
37.5°	31.6	37.1	49.5	74.2	91.4	111.4	156.7	202.8	239.9	257.1	239.9
40°	29.6	34.4	45.4	67.4	82.5	99.7	137.5	173.2	206.9	221.3	206.9
42.5°	27.5	31.6	41.2	61.2	74.2	88.7	118.2	148.5	177.3	191.1	177.3
45°	26.8	29.6	38.5	55.0	66.7	78.4	102.4	127.2	151.2	162.9	151.2
47.5°	24.7	27.5	35.1	49.5	58.4	68.0	87.3	108.6	128.5	138.2	128.5
50°	22.7	25.4	32.3	44.0	51.6	58.4	74.2	92.1	109.3	116.8	109.3
52.5°	20.6	23.4	28.9	38.5	44.0	50.2	62.5	77.7	92.1	98.3	92.1
55°	17.9	20.6	25.4	33.0	37.8	41.9	52.2	64.6	76.3	81.8	76.3
57.5°	15.8	17.9	22.0	28.2	31.6	35.1	43.3	53.6	63.2	67.4	63.2
60°	13.1	15.1	18.6	23.4	26.1	28.9	35.7	44.0	51.6	55.0	51.6
62.5°	10.3	12.4	15.1	19.2	21.3	24.1	28.9	35.7	41.9	44.0	41.9
65°	8.2	9.6	12.4	15.8	17.9	19.2	23.4	28.9	33.0	35.1	33.0
67.5°	6.2	7.6	9.6	12.4	14.4	15.8	19.2	22.7	26.1	28.2	26.1
70°	4.8	5.5	7.6	9.6	11.0	12.4	15.1	17.9	20.6	21.3	20.6
72.5°	3.4	4.1	5.5	7.6	8.2	9.6	11.7	13.7	15.8	16.5	15.8
75°	2.7	3.4	4.1	5.5	6.2	7.6	8.9	10.3	11.7	12.4	11.7
77.5°	2.1	2.7	3.4	4.1	4.8	5.5	6.2	7.6	8.2	8.9	8.2
80°	1.4	2.1	2.1	2.7	3.4	3.4	4.8	4.8	5.5	5.5	5.5
82.5°	1.4	1.4	1.4	2.1	2.1	2.7	2.7	3.4	3.4	3.4	3.4
85°	0.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7



TEST NUMBER: P273498

CATALOG NUMBER: 0.10-3W-835-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
90°	0.7	0.7	0.7	0.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0
92.5°	0.7	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: P273498

CATALOG NUMBER: 0.10-3W-835-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	689.4	689.4	689.4	689.4	689.4	689.4	689.4	689.4	689.4	689.4	689.4
1°	694.2	692.8	691.5	690.8	690.1	686.0	683.9	682.5	679.1	677.0	675.7
2°	692.2	689.4	686.0	683.2	682.5	675.7	669.5	665.4	658.5	653.0	649.5
3°	689.4	683.9	677.0	672.9	670.9	658.5	648.2	639.2	627.5	617.2	610.4
4°	684.6	675.7	664.7	658.5	653.7	635.8	619.3	605.6	588.4	571.9	561.6
5°	679.1	666.7	650.2	641.3	633.0	609.0	586.3	566.4	544.4	522.4	508.0
6°	671.5	655.7	633.7	620.7	609.7	578.7	549.9	523.8	497.0	469.5	451.6
7°	664.0	642.7	613.8	598.0	583.6	545.8	510.0	476.3	447.5	416.5	395.2
8°	655.7	628.2	593.2	573.2	556.1	511.4	470.1	431.7	399.3	365.7	342.3
9°	645.4	612.4	571.2	547.8	526.5	476.3	429.6	387.7	352.6	317.6	292.8
10°	635.1	595.9	547.1	519.6	496.3	440.6	392.5	345.7	308.6	273.6	248.1
11°	623.4	577.4	522.4	491.5	463.3	405.5	354.0	305.9	268.1	234.4	209.0
12°	610.4	558.1	497.0	463.3	433.0	371.2	318.2	270.1	231.6	199.3	175.3
13°	596.6	538.2	471.5	435.1	401.4	338.2	284.6	237.1	199.3	169.1	147.1
14°	582.2	518.3	446.8	407.6	372.5	307.9	253.6	208.3	171.1	144.3	125.1
15°	566.4	497.6	421.3	382.2	345.0	279.1	225.5	180.8	147.1	123.7	106.5
17.5°	524.4	444.7	361.5	318.9	281.8	216.5	165.7	129.2	103.8	86.6	74.9
20°	478.4	392.5	303.8	264.6	228.2	166.3	124.4	95.5	77.0	64.6	57.0
22.5°	431.0	343.7	257.1	218.6	185.6	129.9	95.5	73.5	59.8	50.9	46.1
25°	384.2	299.7	217.9	180.8	150.5	103.8	76.3	59.1	48.8	42.6	39.2
27.5°	340.2	262.6	185.6	151.9	125.1	85.2	62.5	49.5	41.9	37.1	34.4
30°	301.1	230.9	160.2	130.6	106.5	72.2	52.9	42.6	36.4	33.7	31.6
32.5°	266.0	203.5	140.2	114.8	92.8	62.5	46.1	37.8	33.0	30.9	30.2
35°	233.0	178.7	125.1	101.7	82.5	55.0	41.2	33.7	30.9	29.6	29.6
37.5°	202.8	156.7	111.4	91.4	74.2	49.5	37.1	31.6	28.9	28.9	28.9
40°	173.2	137.5	99.7	82.5	67.4	45.4	34.4	29.6	28.2	28.2	28.9
42.5°	148.5	118.2	88.7	74.2	61.2	41.2	31.6	27.5	26.8	27.5	28.2
45°	127.2	102.4	78.4	66.7	55.0	38.5	29.6	26.8	26.1	26.1	26.1
47.5°	108.6	87.3	68.0	58.4	49.5	35.1	27.5	24.7	24.1	24.1	24.1
50°	92.1	74.2	58.4	51.6	44.0	32.3	25.4	22.7	22.0	21.3	20.6
52.5°	77.7	62.5	50.2	44.0	38.5	28.9	23.4	20.6	19.9	18.6	17.9
55°	64.6	52.2	41.9	37.8	33.0	25.4	20.6	17.9	16.5	15.8	14.4
57.5°	53.6	43.3	35.1	31.6	28.2	22.0	17.9	15.8	13.7	13.1	11.0
60°	44.0	35.7	28.9	26.1	23.4	18.6	15.1	13.1	11.0	9.6	8.2
62.5°	35.7	28.9	24.1	21.3	19.2	15.1	12.4	10.3	8.9	7.6	6.2
65°	28.9	23.4	19.2	17.9	15.8	12.4	9.6	8.2	6.9	5.5	4.8
67.5°	22.7	19.2	15.8	14.4	12.4	9.6	7.6	6.2	4.8	4.1	3.4
70°	17.9	15.1	12.4	11.0	9.6	7.6	5.5	4.8	3.4	3.4	2.7
72.5°	13.7	11.7	9.6	8.2	7.6	5.5	4.1	3.4	2.7	2.1	2.1
75°	10.3	8.9	7.6	6.2	5.5	4.1	3.4	2.7	2.1	2.1	2.1
77.5°	7.6	6.2	5.5	4.8	4.1	3.4	2.7	2.1	2.1	1.4	1.4
80°	4.8	4.8	3.4	3.4	2.7	2.1	2.1	1.4	1.4	1.4	1.4
82.5°	3.4	2.7	2.7	2.1	2.1	1.4	1.4	1.4	1.4	1.4	1.4
85°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.7	0.7	0.7	0.7
87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7



TEST NUMBER: P273498

CATALOG NUMBER: 0.10-3W-835-10-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	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.7	0.7
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
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: P273498

CATALOG NUMBER: 0.10-3W-835-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	689.4	689.4	689.4	689.4	689.4	689.4	689.4	689.4	689.4	689.4	689.4
1°	672.2	668.8	668.1	667.4	666.0	666.7	668.1	667.4	668.1	666.7	666.0
2°	642.7	635.8	635.1	632.4	628.9	627.5	628.9	629.6	628.9	627.5	628.9
3°	599.4	588.4	588.4	582.2	576.7	573.9	574.6	570.5	574.6	573.9	576.7
4°	546.4	532.0	527.9	523.1	514.8	510.0	510.0	505.9	510.0	510.0	514.8
5°	488.7	470.1	466.0	459.8	449.5	443.3	442.0	438.5	442.0	443.3	449.5
6°	428.9	409.0	403.5	396.6	384.2	377.4	375.3	372.5	375.3	377.4	384.2
7°	371.2	349.9	343.7	336.1	323.1	315.5	313.4	310.7	313.4	315.5	323.1
8°	316.9	295.6	288.7	281.1	268.1	260.5	258.4	255.0	258.4	260.5	268.1
9°	267.4	246.8	239.9	232.3	220.0	212.4	210.3	207.6	210.3	212.4	220.0
10°	223.4	204.1	198.0	191.1	181.5	171.1	169.1	166.3	169.1	171.1	181.5
11°	186.3	167.7	160.8	155.3	147.1	139.5	137.5	134.7	137.5	139.5	147.1
12°	154.0	138.8	134.7	128.5	121.0	115.5	112.7	110.7	112.7	115.5	121.0
13°	129.2	116.2	112.0	107.2	100.4	96.2	94.2	94.2	94.2	96.2	100.4
14°	109.3	96.9	94.2	90.7	85.2	81.8	79.0	79.7	79.0	81.8	85.2
15°	92.8	83.2	80.4	77.0	72.9	70.1	68.0	68.0	68.0	70.1	72.9
17.5°	66.0	60.5	58.4	56.4	53.6	52.2	50.9	50.9	50.9	52.2	53.6
20°	50.9	47.4	46.1	44.7	42.6	41.9	41.2	41.2	41.2	41.9	42.6
22.5°	41.9	39.9	38.5	37.8	36.4	36.4	35.7	35.7	35.7	36.4	36.4
25°	36.4	35.1	34.4	33.7	33.0	33.0	32.3	32.3	32.3	33.0	33.0
27.5°	33.0	32.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
30°	30.9	30.9	30.9	30.9	30.9	31.6	31.6	31.6	31.6	31.6	30.9
32.5°	30.2	30.2	30.9	30.9	32.3	33.0	33.0	33.0	33.0	33.0	32.3
35°	30.2	30.9	31.6	32.3	33.0	33.7	34.4	34.4	34.4	33.7	33.0
37.5°	30.2	31.6	32.3	32.3	33.7	33.7	34.4	34.4	34.4	33.7	33.7
40°	30.2	30.9	31.6	31.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3
42.5°	28.9	28.9	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
45°	26.8	26.8	26.1	26.1	26.1	25.4	25.4	25.4	25.4	25.4	26.1
47.5°	23.4	22.7	22.7	22.7	22.0	21.3	21.3	21.3	21.3	21.3	22.0
50°	19.9	19.2	18.6	18.6	17.9	17.9	17.2	17.2	17.2	17.9	17.9
52.5°	16.5	15.8	15.1	15.1	14.4	13.7	13.7	13.7	13.7	13.7	14.4
55°	13.1	12.4	11.7	11.7	11.0	10.3	10.3	10.3	10.3	10.3	11.0
57.5°	10.3	8.9	8.9	8.2	7.6	7.6	7.6	6.9	7.6	7.6	7.6
60°	7.6	6.9	6.2	6.2	5.5	5.5	4.8	4.8	4.8	5.5	5.5
62.5°	5.5	4.8	4.8	4.1	4.1	3.4	3.4	3.4	3.4	3.4	4.1
65°	4.1	3.4	3.4	3.4	2.7	2.7	2.7	2.7	2.7	2.7	2.7
67.5°	2.7	2.7	2.7	2.7	2.7	2.1	2.1	2.1	2.1	2.1	2.7
70°	2.7	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
72.5°	2.1	2.1	2.1	2.1	1.4	1.4	1.4	1.4	1.4	1.4	1.4
75°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
77.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
80°	1.4	1.4	1.4	1.4	1.4	0.7	0.7	0.7	0.7	0.7	1.4
82.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
85°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7



TEST NUMBER: P273498

CATALOG NUMBER: 0.10-3W-835-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
90°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
92.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
95°	0.7	0.7	0.7	0.7	0.7	0.7	0.0	0.0	0.0	0.7	0.7
97.5°	0.0	0.7	0.7	0.7	0.7	0.0	0.0	0.7	0.0	0.0	0.7
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: P273498

CATALOG NUMBER: 0.10-3W-835-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	689.4	689.4	689.4	689.4	689.4	689.4	689.4	689.4	689.4	689.4	689.4
1°	667.4	668.1	668.8	672.2	675.7	677.0	679.1	682.5	683.9	686.0	690.1
2°	632.4	635.1	635.8	642.7	649.5	653.0	658.5	665.4	669.5	675.7	682.5
3°	582.2	588.4	588.4	599.4	610.4	617.2	627.5	639.2	648.2	658.5	670.9
4°	523.1	527.9	532.0	546.4	561.6	571.9	588.4	605.6	619.3	635.8	653.7
5°	459.8	466.0	470.1	488.7	508.0	522.4	544.4	566.4	586.3	609.0	633.0
6°	396.6	403.5	409.0	428.9	451.6	469.5	497.0	523.8	549.9	578.7	609.7
7°	336.1	343.7	349.9	371.2	395.2	416.5	447.5	476.3	510.0	545.8	583.6
8°	281.1	288.7	295.6	316.9	342.3	365.7	399.3	431.7	470.1	511.4	556.1
9°	232.3	239.9	246.8	267.4	292.8	317.6	352.6	387.7	429.6	476.3	526.5
10°	191.1	198.0	204.1	223.4	248.1	273.6	308.6	345.7	392.5	440.6	496.3
11°	155.3	160.8	167.7	186.3	209.0	234.4	268.1	305.9	354.0	405.5	463.3
12°	128.5	134.7	138.8	154.0	175.3	199.3	231.6	270.1	318.2	371.2	433.0
13°	107.2	112.0	116.2	129.2	147.1	169.1	199.3	237.1	284.6	338.2	401.4
14°	90.7	94.2	96.9	109.3	125.1	144.3	171.1	208.3	253.6	307.9	372.5
15°	77.0	80.4	83.2	92.8	106.5	123.7	147.1	180.8	225.5	279.1	345.0
17.5°	56.4	58.4	60.5	66.0	74.9	86.6	103.8	129.2	165.7	216.5	281.8
20°	44.7	46.1	47.4	50.9	57.0	64.6	77.0	95.5	124.4	166.3	228.2
22.5°	37.8	38.5	39.9	41.9	46.1	50.9	59.8	73.5	95.5	129.9	185.6
25°	33.7	34.4	35.1	36.4	39.2	42.6	48.8	59.1	76.3	103.8	150.5
27.5°	31.6	31.6	32.3	33.0	34.4	37.1	41.9	49.5	62.5	85.2	125.1
30°	30.9	30.9	30.9	30.9	31.6	33.7	36.4	42.6	52.9	72.2	106.5
32.5°	30.9	30.9	30.2	30.2	30.2	30.9	33.0	37.8	46.1	62.5	92.8
35°	32.3	31.6	30.9	30.2	29.6	29.6	30.9	33.7	41.2	55.0	82.5
37.5°	32.3	32.3	31.6	30.2	28.9	28.9	28.9	31.6	37.1	49.5	74.2
40°	31.6	31.6	30.9	30.2	28.9	28.2	28.2	29.6	34.4	45.4	67.4
42.5°	29.6	29.6	28.9	28.9	28.2	27.5	26.8	27.5	31.6	41.2	61.2
45°	26.1	26.1	26.8	26.8	26.1	26.1	26.1	26.8	29.6	38.5	55.0
47.5°	22.7	22.7	22.7	23.4	24.1	24.1	24.1	24.7	27.5	35.1	49.5
50°	18.6	18.6	19.2	19.9	20.6	21.3	22.0	22.7	25.4	32.3	44.0
52.5°	15.1	15.1	15.8	16.5	17.9	18.6	19.9	20.6	23.4	28.9	38.5
55°	11.7	11.7	12.4	13.1	14.4	15.8	16.5	17.9	20.6	25.4	33.0
57.5°	8.2	8.9	8.9	10.3	11.0	13.1	13.7	15.8	17.9	22.0	28.2
60°	6.2	6.2	6.9	7.6	8.2	9.6	11.0	13.1	15.1	18.6	23.4
62.5°	4.1	4.8	4.8	5.5	6.2	7.6	8.9	10.3	12.4	15.1	19.2
65°	3.4	3.4	3.4	4.1	4.8	5.5	6.9	8.2	9.6	12.4	15.8
67.5°	2.7	2.7	2.7	2.7	3.4	4.1	4.8	6.2	7.6	9.6	12.4
70°	2.1	2.1	2.1	2.7	2.7	3.4	3.4	4.8	5.5	7.6	9.6
72.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.7	3.4	4.1	5.5	7.6
75°	1.4	1.4	1.4	1.4	2.1	2.1	2.1	2.7	3.4	4.1	5.5
77.5°	1.4	1.4	1.4	1.4	1.4	1.4	2.1	2.1	2.7	3.4	4.1
80°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.1	2.1	2.7
82.5°	0.7	0.7	0.7	0.7	1.4	1.4	1.4	1.4	1.4	1.4	2.1
85°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.4	1.4	1.4
87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7



TEST NUMBER: P273498

CATALOG NUMBER: 0.10-3W-835-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
90°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
92.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.0	0.0	0.0
95°	0.7	0.7	0.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.7	0.7	0.7	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: P273498

CATALOG NUMBER: 0.10-3W-835-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	689.4	689.4	689.4	689.4	689.4	689.4	689.4	689.4	689.4	689.4	689.4
1°	690.8	691.5	692.8	694.2	697.7	699.0	697.7	694.2	692.8	691.5	690.8
2°	683.2	686.0	689.4	692.2	696.3	698.3	696.3	692.2	689.4	686.0	683.2
3°	672.9	677.0	683.9	689.4	694.9	697.0	694.9	689.4	683.9	677.0	672.9
4°	658.5	664.7	675.7	684.6	692.2	694.9	692.2	684.6	675.7	664.7	658.5
5°	641.3	650.2	666.7	679.1	689.4	693.5	689.4	679.1	666.7	650.2	641.3
6°	620.7	633.7	655.7	671.5	685.3	690.1	685.3	671.5	655.7	633.7	620.7
7°	598.0	613.8	642.7	664.0	680.5	686.7	680.5	664.0	642.7	613.8	598.0
8°	573.2	593.2	628.2	655.7	675.7	683.2	675.7	655.7	628.2	593.2	573.2
9°	547.8	571.2	612.4	645.4	670.2	679.1	670.2	645.4	612.4	571.2	547.8
10°	519.6	547.1	595.9	635.1	663.3	675.0	663.3	635.1	595.9	547.1	519.6
11°	491.5	522.4	577.4	623.4	655.7	668.8	655.7	623.4	577.4	522.4	491.5
12°	463.3	497.0	558.1	610.4	647.5	661.9	647.5	610.4	558.1	497.0	463.3
13°	435.1	471.5	538.2	596.6	637.9	654.4	637.9	596.6	538.2	471.5	435.1
14°	407.6	446.8	518.3	582.2	628.2	646.1	628.2	582.2	518.3	446.8	407.6
15°	382.2	421.3	497.6	566.4	616.6	636.5	616.6	566.4	497.6	421.3	382.2
17.5°	318.9	361.5	444.7	524.4	583.6	606.2	583.6	524.4	444.7	361.5	318.9
20°	264.6	303.8	392.5	478.4	542.3	567.7	542.3	478.4	392.5	303.8	264.6
22.5°	218.6	257.1	343.7	431.0	496.3	522.4	496.3	431.0	343.7	257.1	218.6
25°	180.8	217.9	299.7	384.2	447.5	472.2	447.5	384.2	299.7	217.9	180.8
27.5°	151.9	185.6	262.6	340.2	400.0	422.7	400.0	340.2	262.6	185.6	151.9
30°	130.6	160.2	230.9	301.1	356.0	378.0	356.0	301.1	230.9	160.2	130.6
32.5°	114.8	140.2	203.5	266.0	315.5	335.4	315.5	266.0	203.5	140.2	114.8
35°	101.7	125.1	178.7	233.0	276.3	294.9	276.3	233.0	178.7	125.1	101.7
37.5°	91.4	111.4	156.7	202.8	239.9	257.1	239.9	202.8	156.7	111.4	91.4
40°	82.5	99.7	137.5	173.2	206.9	221.3	206.9	173.2	137.5	99.7	82.5
42.5°	74.2	88.7	118.2	148.5	177.3	191.1	177.3	148.5	118.2	88.7	74.2
45°	66.7	78.4	102.4	127.2	151.2	162.9	151.2	127.2	102.4	78.4	66.7
47.5°	58.4	68.0	87.3	108.6	128.5	138.2	128.5	108.6	87.3	68.0	58.4
50°	51.6	58.4	74.2	92.1	109.3	116.8	109.3	92.1	74.2	58.4	51.6
52.5°	44.0	50.2	62.5	77.7	92.1	98.3	92.1	77.7	62.5	50.2	44.0
55°	37.8	41.9	52.2	64.6	76.3	81.8	76.3	64.6	52.2	41.9	37.8
57.5°	31.6	35.1	43.3	53.6	63.2	67.4	63.2	53.6	43.3	35.1	31.6
60°	26.1	28.9	35.7	44.0	51.6	55.0	51.6	44.0	35.7	28.9	26.1
62.5°	21.3	24.1	28.9	35.7	41.9	44.0	41.9	35.7	28.9	24.1	21.3
65°	17.9	19.2	23.4	28.9	33.0	35.1	33.0	28.9	23.4	19.2	17.9
67.5°	14.4	15.8	19.2	22.7	26.1	28.2	26.1	22.7	19.2	15.8	14.4
70°	11.0	12.4	15.1	17.9	20.6	21.3	20.6	17.9	15.1	12.4	11.0
72.5°	8.2	9.6	11.7	13.7	15.8	16.5	15.8	13.7	11.7	9.6	8.2
75°	6.2	7.6	8.9	10.3	11.7	12.4	11.7	10.3	8.9	7.6	6.2
77.5°	4.8	5.5	6.2	7.6	8.2	8.9	8.2	7.6	6.2	5.5	4.8
80°	3.4	3.4	4.8	4.8	5.5	5.5	5.5	4.8	4.8	3.4	3.4
82.5°	2.1	2.7	2.7	3.4	3.4	3.4	3.4	3.4	2.7	2.7	2.1
85°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7



TEST NUMBER: P273498

CATALOG NUMBER: 0.10-3W-835-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
90°	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7
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: P273498

CATALOG NUMBER: 0.10-3W-835-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	689.4	689.4	689.4	689.4	689.4	689.4	689.4	689.4	689.4	689.4	689.4
1°	690.1	686.0	683.9	682.5	679.1	677.0	675.7	672.2	668.8	668.1	667.4
2°	682.5	675.7	669.5	665.4	658.5	653.0	649.5	642.7	635.8	635.1	632.4
3°	670.9	658.5	648.2	639.2	627.5	617.2	610.4	599.4	588.4	588.4	582.2
4°	653.7	635.8	619.3	605.6	588.4	571.9	561.6	546.4	532.0	527.9	523.1
5°	633.0	609.0	586.3	566.4	544.4	522.4	508.0	488.7	470.1	466.0	459.8
6°	609.7	578.7	549.9	523.8	497.0	469.5	451.6	428.9	409.0	403.5	396.6
7°	583.6	545.8	510.0	476.3	447.5	416.5	395.2	371.2	349.9	343.7	336.1
8°	556.1	511.4	470.1	431.7	399.3	365.7	342.3	316.9	295.6	288.7	281.1
9°	526.5	476.3	429.6	387.7	352.6	317.6	292.8	267.4	246.8	239.9	232.3
10°	496.3	440.6	392.5	345.7	308.6	273.6	248.1	223.4	204.1	198.0	191.1
11°	463.3	405.5	354.0	305.9	268.1	234.4	209.0	186.3	167.7	160.8	155.3
12°	433.0	371.2	318.2	270.1	231.6	199.3	175.3	154.0	138.8	134.7	128.5
13°	401.4	338.2	284.6	237.1	199.3	169.1	147.1	129.2	116.2	112.0	107.2
14°	372.5	307.9	253.6	208.3	171.1	144.3	125.1	109.3	96.9	94.2	90.7
15°	345.0	279.1	225.5	180.8	147.1	123.7	106.5	92.8	83.2	80.4	77.0
17.5°	281.8	216.5	165.7	129.2	103.8	86.6	74.9	66.0	60.5	58.4	56.4
20°	228.2	166.3	124.4	95.5	77.0	64.6	57.0	50.9	47.4	46.1	44.7
22.5°	185.6	129.9	95.5	73.5	59.8	50.9	46.1	41.9	39.9	38.5	37.8
25°	150.5	103.8	76.3	59.1	48.8	42.6	39.2	36.4	35.1	34.4	33.7
27.5°	125.1	85.2	62.5	49.5	41.9	37.1	34.4	33.0	32.3	31.6	31.6
30°	106.5	72.2	52.9	42.6	36.4	33.7	31.6	30.9	30.9	30.9	30.9
32.5°	92.8	62.5	46.1	37.8	33.0	30.9	30.2	30.2	30.2	30.9	30.9
35°	82.5	55.0	41.2	33.7	30.9	29.6	29.6	30.2	30.9	31.6	32.3
37.5°	74.2	49.5	37.1	31.6	28.9	28.9	28.9	30.2	31.6	32.3	32.3
40°	67.4	45.4	34.4	29.6	28.2	28.2	28.9	30.2	30.9	31.6	31.6
42.5°	61.2	41.2	31.6	27.5	26.8	27.5	28.2	28.9	28.9	29.6	29.6
45°	55.0	38.5	29.6	26.8	26.1	26.1	26.1	26.8	26.8	26.1	26.1
47.5°	49.5	35.1	27.5	24.7	24.1	24.1	24.1	23.4	22.7	22.7	22.7
50°	44.0	32.3	25.4	22.7	22.0	21.3	20.6	19.9	19.2	18.6	18.6
52.5°	38.5	28.9	23.4	20.6	19.9	18.6	17.9	16.5	15.8	15.1	15.1
55°	33.0	25.4	20.6	17.9	16.5	15.8	14.4	13.1	12.4	11.7	11.7
57.5°	28.2	22.0	17.9	15.8	13.7	13.1	11.0	10.3	8.9	8.9	8.2
60°	23.4	18.6	15.1	13.1	11.0	9.6	8.2	7.6	6.9	6.2	6.2
62.5°	19.2	15.1	12.4	10.3	8.9	7.6	6.2	5.5	4.8	4.8	4.1
65°	15.8	12.4	9.6	8.2	6.9	5.5	4.8	4.1	3.4	3.4	3.4
67.5°	12.4	9.6	7.6	6.2	4.8	4.1	3.4	2.7	2.7	2.7	2.7
70°	9.6	7.6	5.5	4.8	3.4	3.4	2.7	2.7	2.1	2.1	2.1
72.5°	7.6	5.5	4.1	3.4	2.7	2.1	2.1	2.1	2.1	2.1	2.1
75°	5.5	4.1	3.4	2.7	2.1	2.1	2.1	1.4	1.4	1.4	1.4
77.5°	4.1	3.4	2.7	2.1	2.1	1.4	1.4	1.4	1.4	1.4	1.4
80°	2.7	2.1	2.1	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
82.5°	2.1	1.4	1.4	1.4	1.4	1.4	1.4	0.7	0.7	0.7	0.7
85°	1.4	1.4	1.4	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7



TEST NUMBER: P273498

CATALOG NUMBER: 0.10-3W-835-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
90°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
92.5°	0.0	0.0	0.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.7	0.7	0.7
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.7
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: P273498

CATALOG NUMBER: 0.10-3W-835-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	689.4	689.4	689.4	689.4
1°	666.0	666.7	668.1	667.4
2°	628.9	627.5	628.9	629.6
3°	576.7	573.9	574.6	570.5
4°	514.8	510.0	510.0	505.9
5°	449.5	443.3	442.0	438.5
6°	384.2	377.4	375.3	372.5
7°	323.1	315.5	313.4	310.7
8°	268.1	260.5	258.4	255.0
9°	220.0	212.4	210.3	207.6
10°	181.5	171.1	169.1	166.3
11°	147.1	139.5	137.5	134.7
12°	121.0	115.5	112.7	110.7
13°	100.4	96.2	94.2	94.2
14°	85.2	81.8	79.0	79.7
15°	72.9	70.1	68.0	68.0
17.5°	53.6	52.2	50.9	50.9
20°	42.6	41.9	41.2	41.2
22.5°	36.4	36.4	35.7	35.7
25°	33.0	33.0	32.3	32.3
27.5°	31.6	31.6	31.6	31.6
30°	30.9	31.6	31.6	31.6
32.5°	32.3	33.0	33.0	33.0
35°	33.0	33.7	34.4	34.4
37.5°	33.7	33.7	34.4	34.4
40°	32.3	32.3	32.3	32.3
42.5°	29.6	29.6	29.6	29.6
45°	26.1	25.4	25.4	25.4
47.5°	22.0	21.3	21.3	21.3
50°	17.9	17.9	17.2	17.2
52.5°	14.4	13.7	13.7	13.7
55°	11.0	10.3	10.3	10.3
57.5°	7.6	7.6	7.6	6.9
60°	5.5	5.5	4.8	4.8
62.5°	4.1	3.4	3.4	3.4
65°	2.7	2.7	2.7	2.7
67.5°	2.7	2.1	2.1	2.1
70°	2.1	2.1	2.1	2.1
72.5°	1.4	1.4	1.4	1.4
75°	1.4	1.4	1.4	1.4
77.5°	1.4	1.4	1.4	1.4
80°	1.4	0.7	0.7	0.7
82.5°	0.7	0.7	0.7	0.7
85°	0.7	0.7	0.7	0.7
87.5°	0.7	0.7	0.7	0.7



TEST NUMBER: P273498

CATALOG NUMBER: 0.10-3W-835-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
90°	0.7	0.7	0.7	0.7
92.5°	0.7	0.7	0.7	0.7
95°	0.7	0.7	0.0	0.0
97.5°	0.7	0.0	0.0	0.7
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)