

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: P273500

Luminaire Tested: **0.10-3W-840-10-OD-STD-UNV-AN-1F6**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P273500
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-840-10-OD-STD-UNV-AN-1F6
Description: iO LIGHTING SERIES 1.5 LINEAR LED LUMINAIRE, 10 DEGREE OPTIC.
HIGH OUTPUT
Light Source: 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 314.7 lumens
Efficiency: N/A
Efficacy: 35.4 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

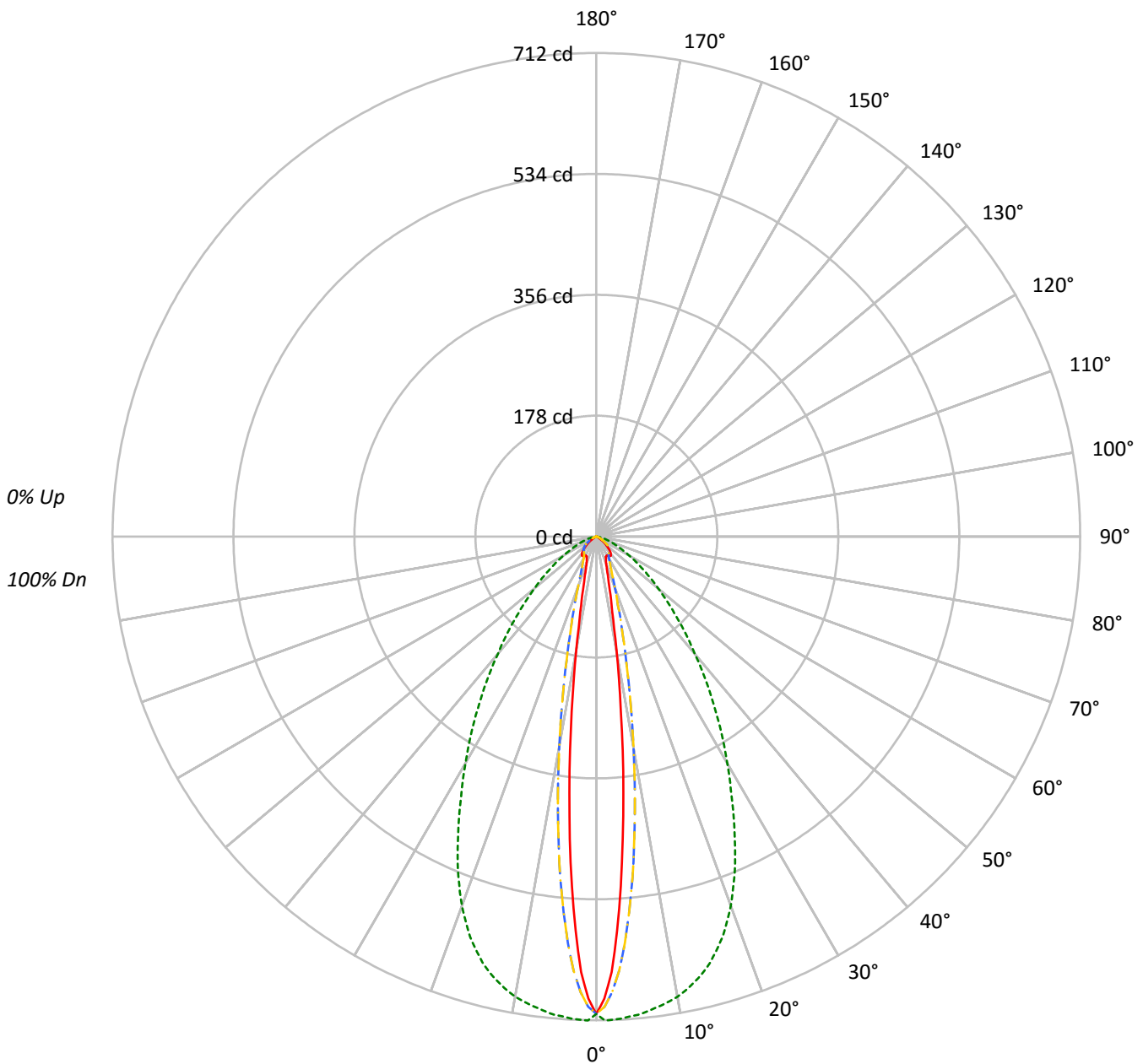
Input Watts (W): 8.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	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	88	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	65	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°	64785	64785	64785	64785
5°	39634	65251	39634	65251
10°	14582	64072	14582	64072
15°	5841	61426	5841	61426
20°	3486	56169	3486	56169
25°	2714	48290	2714	48290
30°	2660	40325	2660	40325
35°	2918	33131	2918	33131
40°	2789	26490	2789	26490
45°	2251	21018	2251	21018
50°	1573	16498	1573	16498
55°	985	12859	985	12859
60°	484	9820	484	9820
65°	295	7321	295	7321
70°	238	5408	238	5408
75°	174	4040	174	4040
80°	97	2544	97	2544
85°	110	1105	110	1105



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.3	15.0
10°-20°	69.3	22.0
20°-30°	61.2	19.5
30°-40°	52.4	16.6
40°-50°	40.9	13.0
50°-60°	25.3	8.0
60°-70°	11.9	3.8
70°-80°	4.7	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°	177.9	56.5
0°-40°	230.3	73.2
0°-60°	296.5	94.2
0°-90°	314.4	99.9
90°-120°	0.3	0.1
90°-150°	0.3	0.1
90°-180°	0.0	0.0
0°-180°	314.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	703	703	703	703	703	
5°	447	707	447	707	447	33
15°	69	649	69	649	69	21
25°	33	481	33	481	33	16
35°	35	300	35	300	35	21
45°	26	166	26	166	26	20
55°	10	83	10	83	10	9
65°	3	36	3	36	3	3
75°	1	13	1	13	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	702.7	702.7	702.7	702.7	702.7	702.7	702.7	702.7	702.7	702.7	702.7
1°	680.2	681.0	679.5	678.8	680.2	681.0	681.7	685.2	688.7	690.1	692.2
2°	641.7	641.0	639.6	641.0	644.5	647.3	648.0	655.0	662.0	665.5	671.1
3°	581.5	585.7	585.0	587.8	593.4	599.7	599.7	610.9	622.1	629.1	639.6
4°	515.6	519.8	519.8	524.7	533.1	538.0	542.2	557.0	572.4	582.9	599.7
5°	447.0	450.5	451.9	458.2	468.7	475.0	479.2	498.1	517.7	532.4	554.8
6°	379.7	382.5	384.6	391.6	404.2	411.2	416.8	437.2	460.3	478.5	506.5
7°	316.7	319.5	321.6	329.3	342.6	350.3	356.6	378.3	402.8	424.5	456.1
8°	259.9	263.4	265.5	273.2	286.5	294.2	301.2	323.0	348.9	372.7	407.0
9°	211.6	214.4	216.5	224.2	236.8	244.5	251.5	272.5	298.4	323.7	359.4
10°	169.5	172.3	174.4	184.9	194.8	201.8	208.1	227.7	252.9	278.8	314.6
11°	137.3	140.1	142.2	149.9	158.3	163.9	170.9	189.9	213.0	238.9	273.2
12°	112.8	114.9	117.7	123.3	131.0	137.3	141.5	156.9	178.6	203.2	236.1
13°	96.0	96.0	98.1	102.3	109.3	114.2	118.4	131.7	149.9	172.3	203.2
14°	81.3	80.6	83.4	86.9	92.5	96.0	98.8	111.4	127.5	147.1	174.4
15°	69.4	69.4	71.5	74.3	78.5	82.0	84.8	94.6	108.6	126.1	149.9
17.5°	51.8	51.8	53.2	54.6	57.4	59.5	61.6	67.3	76.4	88.3	105.8
20°	42.0	42.0	42.7	43.4	45.5	46.9	48.3	51.8	58.1	65.9	78.5
22.5°	36.4	36.4	37.1	37.1	38.5	39.2	40.6	42.7	46.9	51.8	60.9
25°	32.9	32.9	33.6	33.6	34.3	35.0	35.7	37.1	39.9	43.4	49.7
27.5°	32.2	32.2	32.2	32.2	32.2	32.2	32.9	33.6	35.0	37.8	42.7
30°	32.2	32.2	32.2	31.5	31.5	31.5	31.5	31.5	32.2	34.3	37.1
32.5°	33.6	33.6	33.6	32.9	31.5	31.5	30.8	30.8	30.8	31.5	33.6
35°	35.0	35.0	34.3	33.6	32.9	32.2	31.5	30.8	30.1	30.1	31.5
37.5°	35.0	35.0	34.3	34.3	32.9	32.9	32.2	30.8	29.4	29.4	29.4
40°	32.9	32.9	32.9	32.9	32.2	32.2	31.5	30.8	29.4	28.7	28.7
42.5°	30.1	30.1	30.1	30.1	30.1	30.1	29.4	29.4	28.7	28.0	27.3
45°	25.9	25.9	25.9	26.6	26.6	26.6	27.3	27.3	26.6	26.6	26.6
47.5°	21.7	21.7	21.7	22.4	23.1	23.1	23.1	23.8	24.5	24.5	24.5
50°	17.5	17.5	18.2	18.2	18.9	18.9	19.6	20.3	21.0	21.7	22.4
52.5°	14.0	14.0	14.0	14.7	15.4	15.4	16.1	16.8	18.2	18.9	20.3
55°	10.5	10.5	10.5	11.2	11.9	11.9	12.6	13.3	14.7	16.1	16.8
57.5°	7.0	7.7	7.7	7.7	8.4	9.1	9.1	10.5	11.2	13.3	14.0
60°	4.9	4.9	5.6	5.6	6.3	6.3	7.0	7.7	8.4	9.8	11.2
62.5°	3.5	3.5	3.5	4.2	4.2	4.9	4.9	5.6	6.3	7.7	9.1
65°	2.8	2.8	2.8	2.8	3.5	3.5	3.5	4.2	4.9	5.6	7.0
67.5°	2.1	2.1	2.1	2.8	2.8	2.8	2.8	2.8	3.5	4.2	4.9
70°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.8	2.8	3.5	3.5
72.5°	1.4	1.4	1.4	1.4	2.1	2.1	2.1	2.1	2.1	2.1	2.8
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



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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



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	702.7	702.7	702.7	702.7	702.7	702.7	702.7	702.7	702.7	702.7	702.7
1°	695.7	697.1	699.2	703.4	704.1	704.8	706.2	707.6	711.1	712.5	711.1
2°	678.1	682.4	688.7	695.7	696.4	699.2	702.7	705.5	709.7	711.8	709.7
3°	651.5	660.6	671.1	683.8	685.9	690.1	697.1	702.7	708.3	710.4	708.3
4°	617.2	631.2	648.0	666.2	671.1	677.4	688.7	697.8	705.5	708.3	705.5
5°	577.3	597.6	620.7	645.2	653.6	662.7	679.5	692.2	702.7	706.9	702.7
6°	533.8	560.5	589.9	621.4	632.6	645.9	668.3	684.5	698.5	703.4	698.5
7°	485.5	519.8	556.2	594.8	609.5	625.6	655.0	676.7	693.6	699.9	693.6
8°	440.0	479.2	521.2	566.8	584.3	604.6	640.3	668.3	688.7	696.4	688.7
9°	395.1	437.9	485.5	536.6	558.4	582.2	624.2	657.8	683.1	692.2	683.1
10°	352.4	400.0	449.1	505.8	529.6	557.7	607.4	647.3	676.0	688.0	676.0
11°	311.8	360.8	413.3	472.2	500.9	532.4	588.5	635.4	668.3	681.7	668.3
12°	275.3	324.4	378.3	441.4	472.2	506.5	568.9	622.1	659.9	674.6	659.9
13°	241.7	290.0	344.7	409.1	443.5	480.6	548.5	608.1	650.1	666.9	650.1
14°	212.3	258.5	313.9	379.7	415.4	455.4	528.2	593.4	640.3	658.5	640.3
15°	184.2	229.8	284.4	351.7	389.5	429.4	507.2	577.3	628.4	648.7	628.4
17.5°	131.7	168.8	220.7	287.2	325.1	368.5	453.3	534.5	594.8	617.9	594.8
20°	97.4	126.8	169.5	232.6	269.7	309.7	400.0	487.6	552.7	578.7	552.7
22.5°	75.0	97.4	132.4	189.2	222.8	262.0	350.3	439.3	505.8	532.4	505.8
25°	60.2	77.8	105.8	153.4	184.2	222.1	305.4	391.6	456.1	481.3	456.1
27.5°	50.4	63.8	86.9	127.5	154.8	189.2	267.6	346.8	407.7	430.8	407.7
30°	43.4	53.9	73.6	108.6	133.1	163.2	235.4	306.8	362.9	385.3	362.9
32.5°	38.5	46.9	63.8	94.6	117.0	142.9	207.4	271.1	321.6	341.9	321.6
35°	34.3	42.0	56.0	84.1	103.7	127.5	182.1	237.5	281.6	300.5	281.6
37.5°	32.2	37.8	50.4	75.7	93.2	113.5	159.7	206.7	244.5	262.0	244.5
40°	30.1	35.0	46.2	68.7	84.1	101.6	140.1	176.5	210.9	225.6	210.9
42.5°	28.0	32.2	42.0	62.4	75.7	90.4	120.5	151.3	180.7	194.8	180.7
45°	27.3	30.1	39.2	56.0	68.0	79.9	104.4	129.6	154.1	166.0	154.1
47.5°	25.2	28.0	35.7	50.4	59.5	69.4	89.0	110.7	131.0	140.8	131.0
50°	23.1	25.9	32.9	44.8	52.5	59.5	75.7	93.9	111.4	119.1	111.4
52.5°	21.0	23.8	29.4	39.2	44.8	51.1	63.8	79.2	93.9	100.2	93.9
55°	18.2	21.0	25.9	33.6	38.5	42.7	53.2	65.9	77.8	83.4	77.8
57.5°	16.1	18.2	22.4	28.7	32.2	35.7	44.1	54.6	64.5	68.7	64.5
60°	13.3	15.4	18.9	23.8	26.6	29.4	36.4	44.8	52.5	56.0	52.5
62.5°	10.5	12.6	15.4	19.6	21.7	24.5	29.4	36.4	42.7	44.8	42.7
65°	8.4	9.8	12.6	16.1	18.2	19.6	23.8	29.4	33.6	35.7	33.6
67.5°	6.3	7.7	9.8	12.6	14.7	16.1	19.6	23.1	26.6	28.7	26.6
70°	4.9	5.6	7.7	9.8	11.2	12.6	15.4	18.2	21.0	21.7	21.0
72.5°	3.5	4.2	5.6	7.7	8.4	9.8	11.9	14.0	16.1	16.8	16.1
75°	2.8	3.5	4.2	5.6	6.3	7.7	9.1	10.5	11.9	12.6	11.9
77.5°	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.7	8.4	9.1	8.4
80°	1.4	2.1	2.1	2.8	3.5	3.5	4.9	4.9	5.6	5.6	5.6
82.5°	1.4	1.4	1.4	2.1	2.1	2.8	2.8	3.5	3.5	3.5	3.5
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: P273500

CATALOG NUMBER: 0.10-3W-840-10-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: P273500

CATALOG NUMBER: 0.10-3W-840-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	702.7	702.7	702.7	702.7	702.7	702.7	702.7	702.7	702.7	702.7	702.7
1°	707.6	706.2	704.8	704.1	703.4	699.2	697.1	695.7	692.2	690.1	688.7
2°	705.5	702.7	699.2	696.4	695.7	688.7	682.4	678.1	671.1	665.5	662.0
3°	702.7	697.1	690.1	685.9	683.8	671.1	660.6	651.5	639.6	629.1	622.1
4°	697.8	688.7	677.4	671.1	666.2	648.0	631.2	617.2	599.7	582.9	572.4
5°	692.2	679.5	662.7	653.6	645.2	620.7	597.6	577.3	554.8	532.4	517.7
6°	684.5	668.3	645.9	632.6	621.4	589.9	560.5	533.8	506.5	478.5	460.3
7°	676.7	655.0	625.6	609.5	594.8	556.2	519.8	485.5	456.1	424.5	402.8
8°	668.3	640.3	604.6	584.3	566.8	521.2	479.2	440.0	407.0	372.7	348.9
9°	657.8	624.2	582.2	558.4	536.6	485.5	437.9	395.1	359.4	323.7	298.4
10°	647.3	607.4	557.7	529.6	505.8	449.1	400.0	352.4	314.6	278.8	252.9
11°	635.4	588.5	532.4	500.9	472.2	413.3	360.8	311.8	273.2	238.9	213.0
12°	622.1	568.9	506.5	472.2	441.4	378.3	324.4	275.3	236.1	203.2	178.6
13°	608.1	548.5	480.6	443.5	409.1	344.7	290.0	241.7	203.2	172.3	149.9
14°	593.4	528.2	455.4	415.4	379.7	313.9	258.5	212.3	174.4	147.1	127.5
15°	577.3	507.2	429.4	389.5	351.7	284.4	229.8	184.2	149.9	126.1	108.6
17.5°	534.5	453.3	368.5	325.1	287.2	220.7	168.8	131.7	105.8	88.3	76.4
20°	487.6	400.0	309.7	269.7	232.6	169.5	126.8	97.4	78.5	65.9	58.1
22.5°	439.3	350.3	262.0	222.8	189.2	132.4	97.4	75.0	60.9	51.8	46.9
25°	391.6	305.4	222.1	184.2	153.4	105.8	77.8	60.2	49.7	43.4	39.9
27.5°	346.8	267.6	189.2	154.8	127.5	86.9	63.8	50.4	42.7	37.8	35.0
30°	306.8	235.4	163.2	133.1	108.6	73.6	53.9	43.4	37.1	34.3	32.2
32.5°	271.1	207.4	142.9	117.0	94.6	63.8	46.9	38.5	33.6	31.5	30.8
35°	237.5	182.1	127.5	103.7	84.1	56.0	42.0	34.3	31.5	30.1	30.1
37.5°	206.7	159.7	113.5	93.2	75.7	50.4	37.8	32.2	29.4	29.4	29.4
40°	176.5	140.1	101.6	84.1	68.7	46.2	35.0	30.1	28.7	28.7	29.4
42.5°	151.3	120.5	90.4	75.7	62.4	42.0	32.2	28.0	27.3	28.0	28.7
45°	129.6	104.4	79.9	68.0	56.0	39.2	30.1	27.3	26.6	26.6	26.6
47.5°	110.7	89.0	69.4	59.5	50.4	35.7	28.0	25.2	24.5	24.5	24.5
50°	93.9	75.7	59.5	52.5	44.8	32.9	25.9	23.1	22.4	21.7	21.0
52.5°	79.2	63.8	51.1	44.8	39.2	29.4	23.8	21.0	20.3	18.9	18.2
55°	65.9	53.2	42.7	38.5	33.6	25.9	21.0	18.2	16.8	16.1	14.7
57.5°	54.6	44.1	35.7	32.2	28.7	22.4	18.2	16.1	14.0	13.3	11.2
60°	44.8	36.4	29.4	26.6	23.8	18.9	15.4	13.3	11.2	9.8	8.4
62.5°	36.4	29.4	24.5	21.7	19.6	15.4	12.6	10.5	9.1	7.7	6.3
65°	29.4	23.8	19.6	18.2	16.1	12.6	9.8	8.4	7.0	5.6	4.9
67.5°	23.1	19.6	16.1	14.7	12.6	9.8	7.7	6.3	4.9	4.2	3.5
70°	18.2	15.4	12.6	11.2	9.8	7.7	5.6	4.9	3.5	3.5	2.8
72.5°	14.0	11.9	9.8	8.4	7.7	5.6	4.2	3.5	2.8	2.1	2.1
75°	10.5	9.1	7.7	6.3	5.6	4.2	3.5	2.8	2.1	2.1	2.1
77.5°	7.7	6.3	5.6	4.9	4.2	3.5	2.8	2.1	2.1	1.4	1.4
80°	4.9	4.9	3.5	3.5	2.8	2.1	2.1	1.4	1.4	1.4	1.4
82.5°	3.5	2.8	2.8	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: P273500

CATALOG NUMBER: 0.10-3W-840-10-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: P273500

CATALOG NUMBER: 0.10-3W-840-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	702.7	702.7	702.7	702.7	702.7	702.7	702.7	702.7	702.7	702.7	702.7
1°	685.2	681.7	681.0	680.2	678.8	679.5	681.0	680.2	681.0	679.5	678.8
2°	655.0	648.0	647.3	644.5	641.0	639.6	641.0	641.7	641.0	639.6	641.0
3°	610.9	599.7	599.7	593.4	587.8	585.0	585.7	581.5	585.7	585.0	587.8
4°	557.0	542.2	538.0	533.1	524.7	519.8	519.8	515.6	519.8	519.8	524.7
5°	498.1	479.2	475.0	468.7	458.2	451.9	450.5	447.0	450.5	451.9	458.2
6°	437.2	416.8	411.2	404.2	391.6	384.6	382.5	379.7	382.5	384.6	391.6
7°	378.3	356.6	350.3	342.6	329.3	321.6	319.5	316.7	319.5	321.6	329.3
8°	323.0	301.2	294.2	286.5	273.2	265.5	263.4	259.9	263.4	265.5	273.2
9°	272.5	251.5	244.5	236.8	224.2	216.5	214.4	211.6	214.4	216.5	224.2
10°	227.7	208.1	201.8	194.8	184.9	174.4	172.3	169.5	172.3	174.4	184.9
11°	189.9	170.9	163.9	158.3	149.9	142.2	140.1	137.3	140.1	142.2	149.9
12°	156.9	141.5	137.3	131.0	123.3	117.7	114.9	112.8	114.9	117.7	123.3
13°	131.7	118.4	114.2	109.3	102.3	98.1	96.0	96.0	96.0	98.1	102.3
14°	111.4	98.8	96.0	92.5	86.9	83.4	80.6	81.3	80.6	83.4	86.9
15°	94.6	84.8	82.0	78.5	74.3	71.5	69.4	69.4	69.4	71.5	74.3
17.5°	67.3	61.6	59.5	57.4	54.6	53.2	51.8	51.8	51.8	53.2	54.6
20°	51.8	48.3	46.9	45.5	43.4	42.7	42.0	42.0	42.0	42.7	43.4
22.5°	42.7	40.6	39.2	38.5	37.1	37.1	36.4	36.4	36.4	37.1	37.1
25°	37.1	35.7	35.0	34.3	33.6	33.6	32.9	32.9	32.9	33.6	33.6
27.5°	33.6	32.9	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
30°	31.5	31.5	31.5	31.5	31.5	32.2	32.2	32.2	32.2	32.2	31.5
32.5°	30.8	30.8	31.5	31.5	32.9	33.6	33.6	33.6	33.6	33.6	32.9
35°	30.8	31.5	32.2	32.9	33.6	34.3	35.0	35.0	35.0	34.3	33.6
37.5°	30.8	32.2	32.9	32.9	34.3	34.3	35.0	35.0	35.0	34.3	34.3
40°	30.8	31.5	32.2	32.2	32.9	32.9	32.9	32.9	32.9	32.9	32.9
42.5°	29.4	29.4	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
45°	27.3	27.3	26.6	26.6	26.6	25.9	25.9	25.9	25.9	25.9	26.6
47.5°	23.8	23.1	23.1	23.1	22.4	21.7	21.7	21.7	21.7	21.7	22.4
50°	20.3	19.6	18.9	18.9	18.2	18.2	17.5	17.5	17.5	18.2	18.2
52.5°	16.8	16.1	15.4	15.4	14.7	14.0	14.0	14.0	14.0	14.0	14.7
55°	13.3	12.6	11.9	11.9	11.2	10.5	10.5	10.5	10.5	10.5	11.2
57.5°	10.5	9.1	9.1	8.4	7.7	7.7	7.7	7.0	7.7	7.7	7.7
60°	7.7	7.0	6.3	6.3	5.6	5.6	4.9	4.9	4.9	5.6	5.6
62.5°	5.6	4.9	4.9	4.2	4.2	3.5	3.5	3.5	3.5	3.5	4.2
65°	4.2	3.5	3.5	3.5	2.8	2.8	2.8	2.8	2.8	2.8	2.8
67.5°	2.8	2.8	2.8	2.8	2.8	2.1	2.1	2.1	2.1	2.1	2.8
70°	2.8	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: P273500

CATALOG NUMBER: 0.10-3W-840-10-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: P273500

CATALOG NUMBER: 0.10-3W-840-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	702.7	702.7	702.7	702.7	702.7	702.7	702.7	702.7	702.7	702.7	702.7
1°	680.2	681.0	681.7	685.2	688.7	690.1	692.2	695.7	697.1	699.2	703.4
2°	644.5	647.3	648.0	655.0	662.0	665.5	671.1	678.1	682.4	688.7	695.7
3°	593.4	599.7	599.7	610.9	622.1	629.1	639.6	651.5	660.6	671.1	683.8
4°	533.1	538.0	542.2	557.0	572.4	582.9	599.7	617.2	631.2	648.0	666.2
5°	468.7	475.0	479.2	498.1	517.7	532.4	554.8	577.3	597.6	620.7	645.2
6°	404.2	411.2	416.8	437.2	460.3	478.5	506.5	533.8	560.5	589.9	621.4
7°	342.6	350.3	356.6	378.3	402.8	424.5	456.1	485.5	519.8	556.2	594.8
8°	286.5	294.2	301.2	323.0	348.9	372.7	407.0	440.0	479.2	521.2	566.8
9°	236.8	244.5	251.5	272.5	298.4	323.7	359.4	395.1	437.9	485.5	536.6
10°	194.8	201.8	208.1	227.7	252.9	278.8	314.6	352.4	400.0	449.1	505.8
11°	158.3	163.9	170.9	189.9	213.0	238.9	273.2	311.8	360.8	413.3	472.2
12°	131.0	137.3	141.5	156.9	178.6	203.2	236.1	275.3	324.4	378.3	441.4
13°	109.3	114.2	118.4	131.7	149.9	172.3	203.2	241.7	290.0	344.7	409.1
14°	92.5	96.0	98.8	111.4	127.5	147.1	174.4	212.3	258.5	313.9	379.7
15°	78.5	82.0	84.8	94.6	108.6	126.1	149.9	184.2	229.8	284.4	351.7
17.5°	57.4	59.5	61.6	67.3	76.4	88.3	105.8	131.7	168.8	220.7	287.2
20°	45.5	46.9	48.3	51.8	58.1	65.9	78.5	97.4	126.8	169.5	232.6
22.5°	38.5	39.2	40.6	42.7	46.9	51.8	60.9	75.0	97.4	132.4	189.2
25°	34.3	35.0	35.7	37.1	39.9	43.4	49.7	60.2	77.8	105.8	153.4
27.5°	32.2	32.2	32.9	33.6	35.0	37.8	42.7	50.4	63.8	86.9	127.5
30°	31.5	31.5	31.5	31.5	32.2	34.3	37.1	43.4	53.9	73.6	108.6
32.5°	31.5	31.5	30.8	30.8	30.8	31.5	33.6	38.5	46.9	63.8	94.6
35°	32.9	32.2	31.5	30.8	30.1	30.1	31.5	34.3	42.0	56.0	84.1
37.5°	32.9	32.9	32.2	30.8	29.4	29.4	29.4	32.2	37.8	50.4	75.7
40°	32.2	32.2	31.5	30.8	29.4	28.7	28.7	30.1	35.0	46.2	68.7
42.5°	30.1	30.1	29.4	29.4	28.7	28.0	27.3	28.0	32.2	42.0	62.4
45°	26.6	26.6	27.3	27.3	26.6	26.6	26.6	27.3	30.1	39.2	56.0
47.5°	23.1	23.1	23.1	23.8	24.5	24.5	24.5	25.2	28.0	35.7	50.4
50°	18.9	18.9	19.6	20.3	21.0	21.7	22.4	23.1	25.9	32.9	44.8
52.5°	15.4	15.4	16.1	16.8	18.2	18.9	20.3	21.0	23.8	29.4	39.2
55°	11.9	11.9	12.6	13.3	14.7	16.1	16.8	18.2	21.0	25.9	33.6
57.5°	8.4	9.1	9.1	10.5	11.2	13.3	14.0	16.1	18.2	22.4	28.7
60°	6.3	6.3	7.0	7.7	8.4	9.8	11.2	13.3	15.4	18.9	23.8
62.5°	4.2	4.9	4.9	5.6	6.3	7.7	9.1	10.5	12.6	15.4	19.6
65°	3.5	3.5	3.5	4.2	4.9	5.6	7.0	8.4	9.8	12.6	16.1
67.5°	2.8	2.8	2.8	2.8	3.5	4.2	4.9	6.3	7.7	9.8	12.6
70°	2.1	2.1	2.1	2.8	2.8	3.5	3.5	4.9	5.6	7.7	9.8
72.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.8	3.5	4.2	5.6	7.7
75°	1.4	1.4	1.4	1.4	2.1	2.1	2.1	2.8	3.5	4.2	5.6
77.5°	1.4	1.4	1.4	1.4	1.4	1.4	2.1	2.1	2.8	3.5	4.2
80°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.1	2.1	2.8
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: P273500

CATALOG NUMBER: 0.10-3W-840-10-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: P273500

CATALOG NUMBER: 0.10-3W-840-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	702.7	702.7	702.7	702.7	702.7	702.7	702.7	702.7	702.7	702.7	702.7
1°	704.1	704.8	706.2	707.6	711.1	712.5	711.1	707.6	706.2	704.8	704.1
2°	696.4	699.2	702.7	705.5	709.7	711.8	709.7	705.5	702.7	699.2	696.4
3°	685.9	690.1	697.1	702.7	708.3	710.4	708.3	702.7	697.1	690.1	685.9
4°	671.1	677.4	688.7	697.8	705.5	708.3	705.5	697.8	688.7	677.4	671.1
5°	653.6	662.7	679.5	692.2	702.7	706.9	702.7	692.2	679.5	662.7	653.6
6°	632.6	645.9	668.3	684.5	698.5	703.4	698.5	684.5	668.3	645.9	632.6
7°	609.5	625.6	655.0	676.7	693.6	699.9	693.6	676.7	655.0	625.6	609.5
8°	584.3	604.6	640.3	668.3	688.7	696.4	688.7	668.3	640.3	604.6	584.3
9°	558.4	582.2	624.2	657.8	683.1	692.2	683.1	657.8	624.2	582.2	558.4
10°	529.6	557.7	607.4	647.3	676.0	688.0	676.0	647.3	607.4	557.7	529.6
11°	500.9	532.4	588.5	635.4	668.3	681.7	668.3	635.4	588.5	532.4	500.9
12°	472.2	506.5	568.9	622.1	659.9	674.6	659.9	622.1	568.9	506.5	472.2
13°	443.5	480.6	548.5	608.1	650.1	666.9	650.1	608.1	548.5	480.6	443.5
14°	415.4	455.4	528.2	593.4	640.3	658.5	640.3	593.4	528.2	455.4	415.4
15°	389.5	429.4	507.2	577.3	628.4	648.7	628.4	577.3	507.2	429.4	389.5
17.5°	325.1	368.5	453.3	534.5	594.8	617.9	594.8	534.5	453.3	368.5	325.1
20°	269.7	309.7	400.0	487.6	552.7	578.7	552.7	487.6	400.0	309.7	269.7
22.5°	222.8	262.0	350.3	439.3	505.8	532.4	505.8	439.3	350.3	262.0	222.8
25°	184.2	222.1	305.4	391.6	456.1	481.3	456.1	391.6	305.4	222.1	184.2
27.5°	154.8	189.2	267.6	346.8	407.7	430.8	407.7	346.8	267.6	189.2	154.8
30°	133.1	163.2	235.4	306.8	362.9	385.3	362.9	306.8	235.4	163.2	133.1
32.5°	117.0	142.9	207.4	271.1	321.6	341.9	321.6	271.1	207.4	142.9	117.0
35°	103.7	127.5	182.1	237.5	281.6	300.5	281.6	237.5	182.1	127.5	103.7
37.5°	93.2	113.5	159.7	206.7	244.5	262.0	244.5	206.7	159.7	113.5	93.2
40°	84.1	101.6	140.1	176.5	210.9	225.6	210.9	176.5	140.1	101.6	84.1
42.5°	75.7	90.4	120.5	151.3	180.7	194.8	180.7	151.3	120.5	90.4	75.7
45°	68.0	79.9	104.4	129.6	154.1	166.0	154.1	129.6	104.4	79.9	68.0
47.5°	59.5	69.4	89.0	110.7	131.0	140.8	131.0	110.7	89.0	69.4	59.5
50°	52.5	59.5	75.7	93.9	111.4	119.1	111.4	93.9	75.7	59.5	52.5
52.5°	44.8	51.1	63.8	79.2	93.9	100.2	93.9	79.2	63.8	51.1	44.8
55°	38.5	42.7	53.2	65.9	77.8	83.4	77.8	65.9	53.2	42.7	38.5
57.5°	32.2	35.7	44.1	54.6	64.5	68.7	64.5	54.6	44.1	35.7	32.2
60°	26.6	29.4	36.4	44.8	52.5	56.0	52.5	44.8	36.4	29.4	26.6
62.5°	21.7	24.5	29.4	36.4	42.7	44.8	42.7	36.4	29.4	24.5	21.7
65°	18.2	19.6	23.8	29.4	33.6	35.7	33.6	29.4	23.8	19.6	18.2
67.5°	14.7	16.1	19.6	23.1	26.6	28.7	26.6	23.1	19.6	16.1	14.7
70°	11.2	12.6	15.4	18.2	21.0	21.7	21.0	18.2	15.4	12.6	11.2
72.5°	8.4	9.8	11.9	14.0	16.1	16.8	16.1	14.0	11.9	9.8	8.4
75°	6.3	7.7	9.1	10.5	11.9	12.6	11.9	10.5	9.1	7.7	6.3
77.5°	4.9	5.6	6.3	7.7	8.4	9.1	8.4	7.7	6.3	5.6	4.9
80°	3.5	3.5	4.9	4.9	5.6	5.6	5.6	4.9	4.9	3.5	3.5
82.5°	2.1	2.8	2.8	3.5	3.5	3.5	3.5	3.5	2.8	2.8	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: P273500

CATALOG NUMBER: 0.10-3W-840-10-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: P273500

CATALOG NUMBER: 0.10-3W-840-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	702.7	702.7	702.7	702.7	702.7	702.7	702.7	702.7	702.7	702.7	702.7
1°	703.4	699.2	697.1	695.7	692.2	690.1	688.7	685.2	681.7	681.0	680.2
2°	695.7	688.7	682.4	678.1	671.1	665.5	662.0	655.0	648.0	647.3	644.5
3°	683.8	671.1	660.6	651.5	639.6	629.1	622.1	610.9	599.7	599.7	593.4
4°	666.2	648.0	631.2	617.2	599.7	582.9	572.4	557.0	542.2	538.0	533.1
5°	645.2	620.7	597.6	577.3	554.8	532.4	517.7	498.1	479.2	475.0	468.7
6°	621.4	589.9	560.5	533.8	506.5	478.5	460.3	437.2	416.8	411.2	404.2
7°	594.8	556.2	519.8	485.5	456.1	424.5	402.8	378.3	356.6	350.3	342.6
8°	566.8	521.2	479.2	440.0	407.0	372.7	348.9	323.0	301.2	294.2	286.5
9°	536.6	485.5	437.9	395.1	359.4	323.7	298.4	272.5	251.5	244.5	236.8
10°	505.8	449.1	400.0	352.4	314.6	278.8	252.9	227.7	208.1	201.8	194.8
11°	472.2	413.3	360.8	311.8	273.2	238.9	213.0	189.9	170.9	163.9	158.3
12°	441.4	378.3	324.4	275.3	236.1	203.2	178.6	156.9	141.5	137.3	131.0
13°	409.1	344.7	290.0	241.7	203.2	172.3	149.9	131.7	118.4	114.2	109.3
14°	379.7	313.9	258.5	212.3	174.4	147.1	127.5	111.4	98.8	96.0	92.5
15°	351.7	284.4	229.8	184.2	149.9	126.1	108.6	94.6	84.8	82.0	78.5
17.5°	287.2	220.7	168.8	131.7	105.8	88.3	76.4	67.3	61.6	59.5	57.4
20°	232.6	169.5	126.8	97.4	78.5	65.9	58.1	51.8	48.3	46.9	45.5
22.5°	189.2	132.4	97.4	75.0	60.9	51.8	46.9	42.7	40.6	39.2	38.5
25°	153.4	105.8	77.8	60.2	49.7	43.4	39.9	37.1	35.7	35.0	34.3
27.5°	127.5	86.9	63.8	50.4	42.7	37.8	35.0	33.6	32.9	32.2	32.2
30°	108.6	73.6	53.9	43.4	37.1	34.3	32.2	31.5	31.5	31.5	31.5
32.5°	94.6	63.8	46.9	38.5	33.6	31.5	30.8	30.8	30.8	31.5	31.5
35°	84.1	56.0	42.0	34.3	31.5	30.1	30.1	30.8	31.5	32.2	32.9
37.5°	75.7	50.4	37.8	32.2	29.4	29.4	29.4	30.8	32.2	32.9	32.9
40°	68.7	46.2	35.0	30.1	28.7	28.7	29.4	30.8	31.5	32.2	32.2
42.5°	62.4	42.0	32.2	28.0	27.3	28.0	28.7	29.4	29.4	30.1	30.1
45°	56.0	39.2	30.1	27.3	26.6	26.6	26.6	27.3	27.3	26.6	26.6
47.5°	50.4	35.7	28.0	25.2	24.5	24.5	24.5	23.8	23.1	23.1	23.1
50°	44.8	32.9	25.9	23.1	22.4	21.7	21.0	20.3	19.6	18.9	18.9
52.5°	39.2	29.4	23.8	21.0	20.3	18.9	18.2	16.8	16.1	15.4	15.4
55°	33.6	25.9	21.0	18.2	16.8	16.1	14.7	13.3	12.6	11.9	11.9
57.5°	28.7	22.4	18.2	16.1	14.0	13.3	11.2	10.5	9.1	9.1	8.4
60°	23.8	18.9	15.4	13.3	11.2	9.8	8.4	7.7	7.0	6.3	6.3
62.5°	19.6	15.4	12.6	10.5	9.1	7.7	6.3	5.6	4.9	4.9	4.2
65°	16.1	12.6	9.8	8.4	7.0	5.6	4.9	4.2	3.5	3.5	3.5
67.5°	12.6	9.8	7.7	6.3	4.9	4.2	3.5	2.8	2.8	2.8	2.8
70°	9.8	7.7	5.6	4.9	3.5	3.5	2.8	2.8	2.1	2.1	2.1
72.5°	7.7	5.6	4.2	3.5	2.8	2.1	2.1	2.1	2.1	2.1	2.1
75°	5.6	4.2	3.5	2.8	2.1	2.1	2.1	1.4	1.4	1.4	1.4
77.5°	4.2	3.5	2.8	2.1	2.1	1.4	1.4	1.4	1.4	1.4	1.4
80°	2.8	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: P273500

CATALOG NUMBER: 0.10-3W-840-10-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: P273500

CATALOG NUMBER: 0.10-3W-840-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	702.7	702.7	702.7	702.7
1°	678.8	679.5	681.0	680.2
2°	641.0	639.6	641.0	641.7
3°	587.8	585.0	585.7	581.5
4°	524.7	519.8	519.8	515.6
5°	458.2	451.9	450.5	447.0
6°	391.6	384.6	382.5	379.7
7°	329.3	321.6	319.5	316.7
8°	273.2	265.5	263.4	259.9
9°	224.2	216.5	214.4	211.6
10°	184.9	174.4	172.3	169.5
11°	149.9	142.2	140.1	137.3
12°	123.3	117.7	114.9	112.8
13°	102.3	98.1	96.0	96.0
14°	86.9	83.4	80.6	81.3
15°	74.3	71.5	69.4	69.4
17.5°	54.6	53.2	51.8	51.8
20°	43.4	42.7	42.0	42.0
22.5°	37.1	37.1	36.4	36.4
25°	33.6	33.6	32.9	32.9
27.5°	32.2	32.2	32.2	32.2
30°	31.5	32.2	32.2	32.2
32.5°	32.9	33.6	33.6	33.6
35°	33.6	34.3	35.0	35.0
37.5°	34.3	34.3	35.0	35.0
40°	32.9	32.9	32.9	32.9
42.5°	30.1	30.1	30.1	30.1
45°	26.6	25.9	25.9	25.9
47.5°	22.4	21.7	21.7	21.7
50°	18.2	18.2	17.5	17.5
52.5°	14.7	14.0	14.0	14.0
55°	11.2	10.5	10.5	10.5
57.5°	7.7	7.7	7.7	7.0
60°	5.6	5.6	4.9	4.9
62.5°	4.2	3.5	3.5	3.5
65°	2.8	2.8	2.8	2.8
67.5°	2.8	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: P273500

CATALOG NUMBER: 0.10-3W-840-10-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)