

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: P273492

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P273492
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-840-10-OD-STD-UNV-AN-1F6
Description: iO LIGHTING SERIES 1.5 LINEAR LED LUMINAIRE, 10 DEGREE OPTIC.
STANDARD OUTPUT
Light Source: 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 130.9 lumens
Efficiency: N/A
Efficacy: 21.1 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

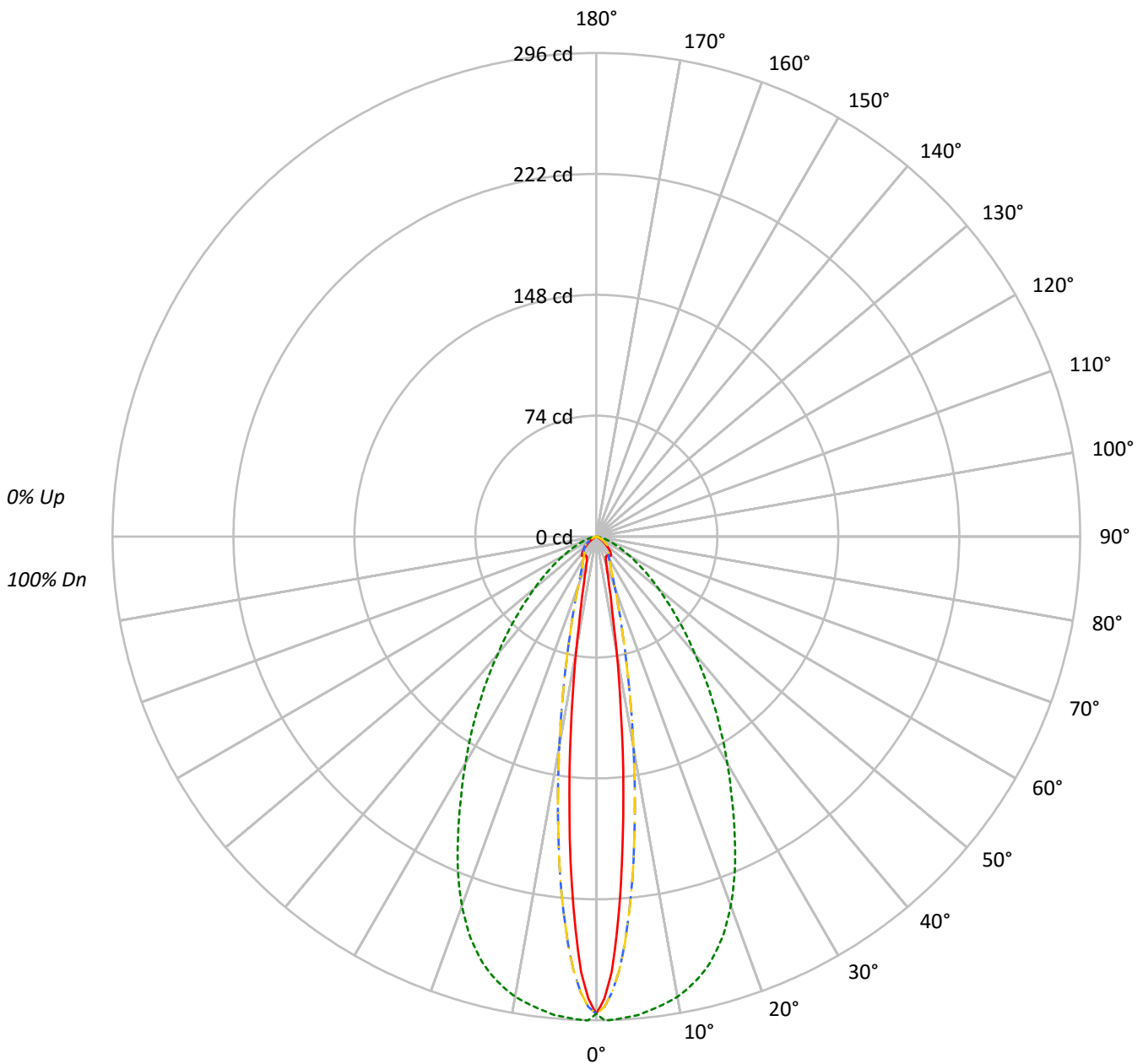
Input Watts (W): 6.2
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20					
RC	80					70					50					30					10					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0		
RCR																										
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100					100			
1	112	109	106	103	110	107	104	102	103	101	99	99	97	96	95	94	93	91					91			
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	86	84	82					82			
3	99	92	86	81	97	90	85	81	88	83	79	85	81	78	83	79	77	75					75			
4	93	85	78	73	91	83	78	73	81	76	72	79	75	71	77	73	70	69					69			
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63					63			
6	83	73	67	62	82	72	66	61	71	65	61	69	64	61	68	64	60	59					59			
7	79	69	62	57	77	68	62	57	67	61	57	65	60	56	64	60	56	55					55			
8	75	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°	26930	26930	26930	26930
5°	16474	27129	16474	27129
10°	6065	26635	6065	26635
15°	2424	25538	2424	25538
20°	1453	23353	1453	23353
25°	1130	20077	1130	20077
30°	1107	16766	1107	16766
35°	1217	13782	1217	13782
40°	1161	11014	1161	11014
45°	939	8737	939	8737
50°	656	6857	656	6857
55°	413	5350	413	5350
60°	198	4086	198	4086
65°	126	3056	126	3056
70°	102	2243	102	2243
75°	75	1667	75	1667
80°	42	1045	42	1045
85°	47	474	47	474



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.7	15.0
10°-20°	28.8	22.0
20°-30°	25.5	19.5
30°-40°	21.8	16.6
40°-50°	17.0	13.0
50°-60°	10.5	8.0
60°-70°	5.0	3.8
70°-80°	2.0	1.5
80°-90°	0.6	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°	74.0	56.5
0°-40°	95.8	73.1
0°-60°	123.3	94.2
0°-90°	130.8	99.9
90°-120°	0.1	0.1
90°-150°	0.1	0.1
90°-180°	0.0	0.0
0°-180°	130.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	292	292	292	292	292	
5°	186	294	186	294	186	14
15°	29	270	29	270	29	9
25°	14	200	14	200	14	7
35°	15	125	15	125	15	9
45°	11	69	11	69	11	8
55°	4	35	4	35	4	4
65°	1	15	1	15	1	1
75°	1	5	1	5	1	1
85°	0	1	0	1	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°	292.1	292.1	292.1	292.1	292.1	292.1	292.1	292.1	292.1	292.1	292.1
1°	282.8	283.1	282.5	282.2	282.8	283.1	283.4	284.9	286.3	286.9	287.8
2°	266.8	266.5	265.9	266.5	268.0	269.1	269.4	272.3	275.2	276.7	279.0
3°	241.7	243.5	243.2	244.4	246.7	249.3	249.3	254.0	258.6	261.6	265.9
4°	214.4	216.1	216.1	218.2	221.6	223.7	225.4	231.6	238.0	242.3	249.3
5°	185.8	187.3	187.9	190.5	194.9	197.5	199.2	207.1	215.2	221.4	230.7
6°	157.9	159.0	159.9	162.8	168.1	171.0	173.3	181.7	191.4	198.9	210.6
7°	131.6	132.8	133.7	136.9	142.4	145.6	148.3	157.3	167.5	176.5	189.6
8°	108.1	109.5	110.4	113.6	119.1	122.3	125.2	134.3	145.0	155.0	169.2
9°	88.0	89.1	90.0	93.2	98.4	101.6	104.6	113.3	124.1	134.6	149.4
10°	70.5	71.6	72.5	76.9	81.0	83.9	86.5	94.7	105.1	115.9	130.8
11°	57.1	58.3	59.1	62.3	65.8	68.2	71.1	78.9	88.5	99.3	113.6
12°	46.9	47.8	48.9	51.3	54.5	57.1	58.8	65.2	74.3	84.5	98.2
13°	39.9	39.9	40.8	42.5	45.4	47.5	49.2	54.8	62.3	71.6	84.5
14°	33.8	33.5	34.7	36.1	38.4	39.9	41.1	46.3	53.0	61.2	72.5
15°	28.8	28.8	29.7	30.9	32.6	34.1	35.2	39.3	45.1	52.4	62.3
17.5°	21.6	21.6	22.1	22.7	23.9	24.8	25.6	28.0	31.7	36.7	44.0
20°	17.5	17.5	17.8	18.1	18.9	19.5	20.1	21.6	24.2	27.4	32.6
22.5°	15.1	15.1	15.4	15.4	16.0	16.3	16.9	17.8	19.5	21.6	25.3
25°	13.7	13.7	14.0	14.0	14.3	14.6	14.9	15.4	16.6	18.1	20.7
27.5°	13.4	13.4	13.4	13.4	13.4	13.4	13.7	14.0	14.6	15.7	17.8
30°	13.4	13.4	13.4	13.1	13.1	13.1	13.1	13.1	13.4	14.3	15.4
32.5°	14.0	14.0	14.0	13.7	13.1	13.1	12.8	12.8	12.8	13.1	14.0
35°	14.6	14.6	14.3	14.0	13.7	13.4	13.1	12.8	12.5	12.5	13.1
37.5°	14.6	14.6	14.3	14.3	13.7	13.7	13.4	12.8	12.2	12.2	12.2
40°	13.7	13.7	13.7	13.7	13.4	13.4	13.1	12.8	12.2	11.9	11.9
42.5°	12.5	12.5	12.5	12.5	12.5	12.5	12.2	12.2	11.9	11.7	11.4
45°	10.8	10.8	10.8	11.1	11.1	11.1	11.4	11.4	11.1	11.1	11.1
47.5°	9.0	9.0	9.0	9.3	9.6	9.6	9.6	9.9	10.2	10.2	10.2
50°	7.3	7.3	7.6	7.6	7.9	7.9	8.2	8.4	8.7	9.0	9.3
52.5°	5.8	5.8	5.8	6.1	6.4	6.4	6.7	7.0	7.6	7.9	8.4
55°	4.4	4.4	4.4	4.7	5.0	5.0	5.2	5.5	6.1	6.7	7.0
57.5°	2.9	3.2	3.2	3.2	3.5	3.8	3.8	4.4	4.7	5.5	5.8
60°	2.0	2.0	2.3	2.3	2.6	2.6	2.9	3.2	3.5	4.1	4.7
62.5°	1.5	1.5	1.5	1.7	1.7	2.0	2.0	2.3	2.6	3.2	3.8
65°	1.2	1.2	1.2	1.2	1.5	1.5	1.5	1.7	2.0	2.3	2.9
67.5°	0.9	0.9	0.9	1.2	1.2	1.2	1.2	1.2	1.5	1.7	2.0
70°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.2	1.2	1.5	1.5
72.5°	0.6	0.6	0.6	0.6	0.9	0.9	0.9	0.9	0.9	0.9	1.2
75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.9	0.9	0.9
77.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.9
80°	0.3	0.3	0.3	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
82.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.6	0.6	0.6
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°	292.1	292.1	292.1	292.1	292.1	292.1	292.1	292.1	292.1	292.1	292.1
1°	289.2	289.8	290.7	292.4	292.7	293.0	293.6	294.2	295.6	296.2	295.6
2°	281.9	283.7	286.3	289.2	289.5	290.7	292.1	293.3	295.0	295.9	295.0
3°	270.9	274.7	279.0	284.3	285.1	286.9	289.8	292.1	294.5	295.3	294.5
4°	256.6	262.4	269.4	277.0	279.0	281.6	286.3	290.1	293.3	294.5	293.3
5°	240.0	248.4	258.1	268.3	271.7	275.5	282.5	287.8	292.1	293.9	292.1
6°	221.9	233.0	245.2	258.3	263.0	268.5	277.9	284.6	290.4	292.4	290.4
7°	201.8	216.1	231.3	247.3	253.4	260.1	272.3	281.4	288.3	291.0	288.3
8°	182.9	199.2	216.7	235.6	242.9	251.4	266.2	277.9	286.3	289.5	286.3
9°	164.3	182.0	201.8	223.1	232.1	242.0	259.5	273.5	284.0	287.8	284.0
10°	146.5	166.3	186.7	210.3	220.2	231.8	252.5	269.1	281.1	286.0	281.1
11°	129.6	150.0	171.8	196.3	208.3	221.4	244.7	264.2	277.9	283.4	277.9
12°	114.5	134.9	157.3	183.5	196.3	210.6	236.5	258.6	274.4	280.5	274.4
13°	100.5	120.6	143.3	170.1	184.4	199.8	228.1	252.8	270.3	277.3	270.3
14°	88.3	107.5	130.5	157.9	172.7	189.3	219.6	246.7	266.2	273.8	266.2
15°	76.6	95.5	118.3	146.2	161.9	178.5	210.9	240.0	261.3	269.7	261.3
17.5°	54.8	70.2	91.7	119.4	135.1	153.2	188.4	222.2	247.3	256.9	247.3
20°	40.5	52.7	70.5	96.7	112.1	128.7	166.3	202.7	229.8	240.6	229.8
22.5°	31.2	40.5	55.0	78.6	92.6	108.9	145.6	182.6	210.3	221.4	210.3
25°	25.0	32.3	44.0	63.8	76.6	92.3	127.0	162.8	189.6	200.1	189.6
27.5°	21.0	26.5	36.1	53.0	64.4	78.6	111.3	144.2	169.5	179.1	169.5
30°	18.1	22.4	30.6	45.1	55.3	67.9	97.9	127.6	150.9	160.2	150.9
32.5°	16.0	19.5	26.5	39.3	48.6	59.4	86.2	112.7	133.7	142.1	133.7
35°	14.3	17.5	23.3	35.0	43.1	53.0	75.7	98.7	117.1	125.0	117.1
37.5°	13.4	15.7	21.0	31.5	38.7	47.2	66.4	85.9	101.6	108.9	101.6
40°	12.5	14.6	19.2	28.5	35.0	42.2	58.3	73.4	87.7	93.8	87.7
42.5°	11.7	13.4	17.5	25.9	31.5	37.6	50.1	62.9	75.1	81.0	75.1
45°	11.4	12.5	16.3	23.3	28.3	33.2	43.4	53.9	64.1	69.0	64.1
47.5°	10.5	11.7	14.9	21.0	24.8	28.8	37.0	46.0	54.5	58.5	54.5
50°	9.6	10.8	13.7	18.6	21.8	24.8	31.5	39.0	46.3	49.5	46.3
52.5°	8.7	9.9	12.2	16.3	18.6	21.3	26.5	32.9	39.0	41.7	39.0
55°	7.6	8.7	10.8	14.0	16.0	17.8	22.1	27.4	32.3	34.7	32.3
57.5°	6.7	7.6	9.3	11.9	13.4	14.9	18.3	22.7	26.8	28.5	26.8
60°	5.5	6.4	7.9	9.9	11.1	12.2	15.1	18.6	21.8	23.3	21.8
62.5°	4.4	5.2	6.4	8.2	9.0	10.2	12.2	15.1	17.8	18.6	17.8
65°	3.5	4.1	5.2	6.7	7.6	8.2	9.9	12.2	14.0	14.9	14.0
67.5°	2.6	3.2	4.1	5.2	6.1	6.7	8.2	9.6	11.1	11.9	11.1
70°	2.0	2.3	3.2	4.1	4.7	5.2	6.4	7.6	8.7	9.0	8.7
72.5°	1.5	1.7	2.3	3.2	3.5	4.1	5.0	5.8	6.7	7.0	6.7
75°	1.2	1.5	1.7	2.3	2.6	3.2	3.8	4.4	5.0	5.2	5.0
77.5°	0.9	1.2	1.5	1.7	2.0	2.3	2.6	3.2	3.5	3.8	3.5
80°	0.6	0.9	0.9	1.2	1.5	1.5	2.0	2.0	2.3	2.3	2.3
82.5°	0.6	0.6	0.6	0.9	0.9	1.2	1.2	1.5	1.5	1.5	1.5
85°	0.3	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
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: P273492

CATALOG NUMBER: 0.10-1W-840-10-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: P273492

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

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	292.1	292.1	292.1	292.1	292.1	292.1	292.1	292.1	292.1	292.1	292.1
1°	294.2	293.6	293.0	292.7	292.4	290.7	289.8	289.2	287.8	286.9	286.3
2°	293.3	292.1	290.7	289.5	289.2	286.3	283.7	281.9	279.0	276.7	275.2
3°	292.1	289.8	286.9	285.1	284.3	279.0	274.7	270.9	265.9	261.6	258.6
4°	290.1	286.3	281.6	279.0	277.0	269.4	262.4	256.6	249.3	242.3	238.0
5°	287.8	282.5	275.5	271.7	268.3	258.1	248.4	240.0	230.7	221.4	215.2
6°	284.6	277.9	268.5	263.0	258.3	245.2	233.0	221.9	210.6	198.9	191.4
7°	281.4	272.3	260.1	253.4	247.3	231.3	216.1	201.8	189.6	176.5	167.5
8°	277.9	266.2	251.4	242.9	235.6	216.7	199.2	182.9	169.2	155.0	145.0
9°	273.5	259.5	242.0	232.1	223.1	201.8	182.0	164.3	149.4	134.6	124.1
10°	269.1	252.5	231.8	220.2	210.3	186.7	166.3	146.5	130.8	115.9	105.1
11°	264.2	244.7	221.4	208.3	196.3	171.8	150.0	129.6	113.6	99.3	88.5
12°	258.6	236.5	210.6	196.3	183.5	157.3	134.9	114.5	98.2	84.5	74.3
13°	252.8	228.1	199.8	184.4	170.1	143.3	120.6	100.5	84.5	71.6	62.3
14°	246.7	219.6	189.3	172.7	157.9	130.5	107.5	88.3	72.5	61.2	53.0
15°	240.0	210.9	178.5	161.9	146.2	118.3	95.5	76.6	62.3	52.4	45.1
17.5°	222.2	188.4	153.2	135.1	119.4	91.7	70.2	54.8	44.0	36.7	31.7
20°	202.7	166.3	128.7	112.1	96.7	70.5	52.7	40.5	32.6	27.4	24.2
22.5°	182.6	145.6	108.9	92.6	78.6	55.0	40.5	31.2	25.3	21.6	19.5
25°	162.8	127.0	92.3	76.6	63.8	44.0	32.3	25.0	20.7	18.1	16.6
27.5°	144.2	111.3	78.6	64.4	53.0	36.1	26.5	21.0	17.8	15.7	14.6
30°	127.6	97.9	67.9	55.3	45.1	30.6	22.4	18.1	15.4	14.3	13.4
32.5°	112.7	86.2	59.4	48.6	39.3	26.5	19.5	16.0	14.0	13.1	12.8
35°	98.7	75.7	53.0	43.1	35.0	23.3	17.5	14.3	13.1	12.5	12.5
37.5°	85.9	66.4	47.2	38.7	31.5	21.0	15.7	13.4	12.2	12.2	12.2
40°	73.4	58.3	42.2	35.0	28.5	19.2	14.6	12.5	11.9	11.9	12.2
42.5°	62.9	50.1	37.6	31.5	25.9	17.5	13.4	11.7	11.4	11.7	11.9
45°	53.9	43.4	33.2	28.3	23.3	16.3	12.5	11.4	11.1	11.1	11.1
47.5°	46.0	37.0	28.8	24.8	21.0	14.9	11.7	10.5	10.2	10.2	10.2
50°	39.0	31.5	24.8	21.8	18.6	13.7	10.8	9.6	9.3	9.0	8.7
52.5°	32.9	26.5	21.3	18.6	16.3	12.2	9.9	8.7	8.4	7.9	7.6
55°	27.4	22.1	17.8	16.0	14.0	10.8	8.7	7.6	7.0	6.7	6.1
57.5°	22.7	18.3	14.9	13.4	11.9	9.3	7.6	6.7	5.8	5.5	4.7
60°	18.6	15.1	12.2	11.1	9.9	7.9	6.4	5.5	4.7	4.1	3.5
62.5°	15.1	12.2	10.2	9.0	8.2	6.4	5.2	4.4	3.8	3.2	2.6
65°	12.2	9.9	8.2	7.6	6.7	5.2	4.1	3.5	2.9	2.3	2.0
67.5°	9.6	8.2	6.7	6.1	5.2	4.1	3.2	2.6	2.0	1.7	1.5
70°	7.6	6.4	5.2	4.7	4.1	3.2	2.3	2.0	1.5	1.5	1.2
72.5°	5.8	5.0	4.1	3.5	3.2	2.3	1.7	1.5	1.2	0.9	0.9
75°	4.4	3.8	3.2	2.6	2.3	1.7	1.5	1.2	0.9	0.9	0.9
77.5°	3.2	2.6	2.3	2.0	1.7	1.5	1.2	0.9	0.9	0.6	0.6
80°	2.0	2.0	1.5	1.5	1.2	0.9	0.9	0.6	0.6	0.6	0.6
82.5°	1.5	1.2	1.2	0.9	0.9	0.6	0.6	0.6	0.6	0.6	0.6
85°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.3	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: P273492

CATALOG NUMBER: 0.10-1W-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	0.3	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: P273492

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

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	292.1	292.1	292.1	292.1	292.1	292.1	292.1	292.1	292.1	292.1	292.1
1°	284.9	283.4	283.1	282.8	282.2	282.5	283.1	282.8	283.1	282.5	282.2
2°	272.3	269.4	269.1	268.0	266.5	265.9	266.5	266.8	266.5	265.9	266.5
3°	254.0	249.3	249.3	246.7	244.4	243.2	243.5	241.7	243.5	243.2	244.4
4°	231.6	225.4	223.7	221.6	218.2	216.1	216.1	214.4	216.1	216.1	218.2
5°	207.1	199.2	197.5	194.9	190.5	187.9	187.3	185.8	187.3	187.9	190.5
6°	181.7	173.3	171.0	168.1	162.8	159.9	159.0	157.9	159.0	159.9	162.8
7°	157.3	148.3	145.6	142.4	136.9	133.7	132.8	131.6	132.8	133.7	136.9
8°	134.3	125.2	122.3	119.1	113.6	110.4	109.5	108.1	109.5	110.4	113.6
9°	113.3	104.6	101.6	98.4	93.2	90.0	89.1	88.0	89.1	90.0	93.2
10°	94.7	86.5	83.9	81.0	76.9	72.5	71.6	70.5	71.6	72.5	76.9
11°	78.9	71.1	68.2	65.8	62.3	59.1	58.3	57.1	58.3	59.1	62.3
12°	65.2	58.8	57.1	54.5	51.3	48.9	47.8	46.9	47.8	48.9	51.3
13°	54.8	49.2	47.5	45.4	42.5	40.8	39.9	39.9	39.9	40.8	42.5
14°	46.3	41.1	39.9	38.4	36.1	34.7	33.5	33.8	33.5	34.7	36.1
15°	39.3	35.2	34.1	32.6	30.9	29.7	28.8	28.8	28.8	29.7	30.9
17.5°	28.0	25.6	24.8	23.9	22.7	22.1	21.6	21.6	21.6	22.1	22.7
20°	21.6	20.1	19.5	18.9	18.1	17.8	17.5	17.5	17.5	17.8	18.1
22.5°	17.8	16.9	16.3	16.0	15.4	15.4	15.1	15.1	15.1	15.4	15.4
25°	15.4	14.9	14.6	14.3	14.0	14.0	13.7	13.7	13.7	14.0	14.0
27.5°	14.0	13.7	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
30°	13.1	13.1	13.1	13.1	13.1	13.4	13.4	13.4	13.4	13.4	13.1
32.5°	12.8	12.8	13.1	13.1	13.7	14.0	14.0	14.0	14.0	14.0	13.7
35°	12.8	13.1	13.4	13.7	14.0	14.3	14.6	14.6	14.6	14.3	14.0
37.5°	12.8	13.4	13.7	13.7	14.3	14.3	14.6	14.6	14.6	14.3	14.3
40°	12.8	13.1	13.4	13.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7
42.5°	12.2	12.2	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
45°	11.4	11.4	11.1	11.1	11.1	10.8	10.8	10.8	10.8	10.8	11.1
47.5°	9.9	9.6	9.6	9.6	9.3	9.0	9.0	9.0	9.0	9.0	9.3
50°	8.4	8.2	7.9	7.9	7.6	7.6	7.3	7.3	7.3	7.6	7.6
52.5°	7.0	6.7	6.4	6.4	6.1	5.8	5.8	5.8	5.8	5.8	6.1
55°	5.5	5.2	5.0	5.0	4.7	4.4	4.4	4.4	4.4	4.4	4.7
57.5°	4.4	3.8	3.8	3.5	3.2	3.2	3.2	2.9	3.2	3.2	3.2
60°	3.2	2.9	2.6	2.6	2.3	2.3	2.0	2.0	2.0	2.3	2.3
62.5°	2.3	2.0	2.0	1.7	1.7	1.5	1.5	1.5	1.5	1.5	1.7
65°	1.7	1.5	1.5	1.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2
67.5°	1.2	1.2	1.2	1.2	1.2	0.9	0.9	0.9	0.9	0.9	1.2
70°	1.2	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
72.5°	0.9	0.9	0.9	0.9	0.6	0.6	0.6	0.6	0.6	0.6	0.6
75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
77.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
80°	0.6	0.6	0.6	0.6	0.6	0.3	0.3	0.3	0.3	0.3	0.6
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: P273492

CATALOG NUMBER: 0.10-1W-840-10-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: P273492

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

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	292.1	292.1	292.1	292.1	292.1	292.1	292.1	292.1	292.1	292.1	292.1
1°	282.8	283.1	283.4	284.9	286.3	286.9	287.8	289.2	289.8	290.7	292.4
2°	268.0	269.1	269.4	272.3	275.2	276.7	279.0	281.9	283.7	286.3	289.2
3°	246.7	249.3	249.3	254.0	258.6	261.6	265.9	270.9	274.7	279.0	284.3
4°	221.6	223.7	225.4	231.6	238.0	242.3	249.3	256.6	262.4	269.4	277.0
5°	194.9	197.5	199.2	207.1	215.2	221.4	230.7	240.0	248.4	258.1	268.3
6°	168.1	171.0	173.3	181.7	191.4	198.9	210.6	221.9	233.0	245.2	258.3
7°	142.4	145.6	148.3	157.3	167.5	176.5	189.6	201.8	216.1	231.3	247.3
8°	119.1	122.3	125.2	134.3	145.0	155.0	169.2	182.9	199.2	216.7	235.6
9°	98.4	101.6	104.6	113.3	124.1	134.6	149.4	164.3	182.0	201.8	223.1
10°	81.0	83.9	86.5	94.7	105.1	115.9	130.8	146.5	166.3	186.7	210.3
11°	65.8	68.2	71.1	78.9	88.5	99.3	113.6	129.6	150.0	171.8	196.3
12°	54.5	57.1	58.8	65.2	74.3	84.5	98.2	114.5	134.9	157.3	183.5
13°	45.4	47.5	49.2	54.8	62.3	71.6	84.5	100.5	120.6	143.3	170.1
14°	38.4	39.9	41.1	46.3	53.0	61.2	72.5	88.3	107.5	130.5	157.9
15°	32.6	34.1	35.2	39.3	45.1	52.4	62.3	76.6	95.5	118.3	146.2
17.5°	23.9	24.8	25.6	28.0	31.7	36.7	44.0	54.8	70.2	91.7	119.4
20°	18.9	19.5	20.1	21.6	24.2	27.4	32.6	40.5	52.7	70.5	96.7
22.5°	16.0	16.3	16.9	17.8	19.5	21.6	25.3	31.2	40.5	55.0	78.6
25°	14.3	14.6	14.9	15.4	16.6	18.1	20.7	25.0	32.3	44.0	63.8
27.5°	13.4	13.4	13.7	14.0	14.6	15.7	17.8	21.0	26.5	36.1	53.0
30°	13.1	13.1	13.1	13.1	13.4	14.3	15.4	18.1	22.4	30.6	45.1
32.5°	13.1	13.1	12.8	12.8	12.8	13.1	14.0	16.0	19.5	26.5	39.3
35°	13.7	13.4	13.1	12.8	12.5	12.5	13.1	14.3	17.5	23.3	35.0
37.5°	13.7	13.7	13.4	12.8	12.2	12.2	12.2	13.4	15.7	21.0	31.5
40°	13.4	13.4	13.1	12.8	12.2	11.9	11.9	12.5	14.6	19.2	28.5
42.5°	12.5	12.5	12.2	12.2	11.9	11.7	11.4	11.7	13.4	17.5	25.9
45°	11.1	11.1	11.4	11.4	11.1	11.1	11.1	11.4	12.5	16.3	23.3
47.5°	9.6	9.6	9.6	9.9	10.2	10.2	10.2	10.5	11.7	14.9	21.0
50°	7.9	7.9	8.2	8.4	8.7	9.0	9.3	9.6	10.8	13.7	18.6
52.5°	6.4	6.4	6.7	7.0	7.6	7.9	8.4	8.7	9.9	12.2	16.3
55°	5.0	5.0	5.2	5.5	6.1	6.7	7.0	7.6	8.7	10.8	14.0
57.5°	3.5	3.8	3.8	4.4	4.7	5.5	5.8	6.7	7.6	9.3	11.9
60°	2.6	2.6	2.9	3.2	3.5	4.1	4.7	5.5	6.4	7.9	9.9
62.5°	1.7	2.0	2.0	2.3	2.6	3.2	3.8	4.4	5.2	6.4	8.2
65°	1.5	1.5	1.5	1.7	2.0	2.3	2.9	3.5	4.1	5.2	6.7
67.5°	1.2	1.2	1.2	1.2	1.5	1.7	2.0	2.6	3.2	4.1	5.2
70°	0.9	0.9	0.9	1.2	1.2	1.5	1.5	2.0	2.3	3.2	4.1
72.5°	0.9	0.9	0.9	0.9	0.9	0.9	1.2	1.5	1.7	2.3	3.2
75°	0.6	0.6	0.6	0.6	0.9	0.9	0.9	1.2	1.5	1.7	2.3
77.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.9	0.9	1.2	1.5	1.7
80°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.9	0.9	1.2
82.5°	0.3	0.3	0.3	0.3	0.6	0.6	0.6	0.6	0.6	0.6	0.9
85°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.6	0.6	0.6
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: P273492

CATALOG NUMBER: 0.10-1W-840-10-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: P273492

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

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	292.1	292.1	292.1	292.1	292.1	292.1	292.1	292.1	292.1	292.1	292.1
1°	292.7	293.0	293.6	294.2	295.6	296.2	295.6	294.2	293.6	293.0	292.7
2°	289.5	290.7	292.1	293.3	295.0	295.9	295.0	293.3	292.1	290.7	289.5
3°	285.1	286.9	289.8	292.1	294.5	295.3	294.5	292.1	289.8	286.9	285.1
4°	279.0	281.6	286.3	290.1	293.3	294.5	293.3	290.1	286.3	281.6	279.0
5°	271.7	275.5	282.5	287.8	292.1	293.9	292.1	287.8	282.5	275.5	271.7
6°	263.0	268.5	277.9	284.6	290.4	292.4	290.4	284.6	277.9	268.5	263.0
7°	253.4	260.1	272.3	281.4	288.3	291.0	288.3	281.4	272.3	260.1	253.4
8°	242.9	251.4	266.2	277.9	286.3	289.5	286.3	277.9	266.2	251.4	242.9
9°	232.1	242.0	259.5	273.5	284.0	287.8	284.0	273.5	259.5	242.0	232.1
10°	220.2	231.8	252.5	269.1	281.1	286.0	281.1	269.1	252.5	231.8	220.2
11°	208.3	221.4	244.7	264.2	277.9	283.4	277.9	264.2	244.7	221.4	208.3
12°	196.3	210.6	236.5	258.6	274.4	280.5	274.4	258.6	236.5	210.6	196.3
13°	184.4	199.8	228.1	252.8	270.3	277.3	270.3	252.8	228.1	199.8	184.4
14°	172.7	189.3	219.6	246.7	266.2	273.8	266.2	246.7	219.6	189.3	172.7
15°	161.9	178.5	210.9	240.0	261.3	269.7	261.3	240.0	210.9	178.5	161.9
17.5°	135.1	153.2	188.4	222.2	247.3	256.9	247.3	222.2	188.4	153.2	135.1
20°	112.1	128.7	166.3	202.7	229.8	240.6	229.8	202.7	166.3	128.7	112.1
22.5°	92.6	108.9	145.6	182.6	210.3	221.4	210.3	182.6	145.6	108.9	92.6
25°	76.6	92.3	127.0	162.8	189.6	200.1	189.6	162.8	127.0	92.3	76.6
27.5°	64.4	78.6	111.3	144.2	169.5	179.1	169.5	144.2	111.3	78.6	64.4
30°	55.3	67.9	97.9	127.6	150.9	160.2	150.9	127.6	97.9	67.9	55.3
32.5°	48.6	59.4	86.2	112.7	133.7	142.1	133.7	112.7	86.2	59.4	48.6
35°	43.1	53.0	75.7	98.7	117.1	125.0	117.1	98.7	75.7	53.0	43.1
37.5°	38.7	47.2	66.4	85.9	101.6	108.9	101.6	85.9	66.4	47.2	38.7
40°	35.0	42.2	58.3	73.4	87.7	93.8	87.7	73.4	58.3	42.2	35.0
42.5°	31.5	37.6	50.1	62.9	75.1	81.0	75.1	62.9	50.1	37.6	31.5
45°	28.3	33.2	43.4	53.9	64.1	69.0	64.1	53.9	43.4	33.2	28.3
47.5°	24.8	28.8	37.0	46.0	54.5	58.5	54.5	46.0	37.0	28.8	24.8
50°	21.8	24.8	31.5	39.0	46.3	49.5	46.3	39.0	31.5	24.8	21.8
52.5°	18.6	21.3	26.5	32.9	39.0	41.7	39.0	32.9	26.5	21.3	18.6
55°	16.0	17.8	22.1	27.4	32.3	34.7	32.3	27.4	22.1	17.8	16.0
57.5°	13.4	14.9	18.3	22.7	26.8	28.5	26.8	22.7	18.3	14.9	13.4
60°	11.1	12.2	15.1	18.6	21.8	23.3	21.8	18.6	15.1	12.2	11.1
62.5°	9.0	10.2	12.2	15.1	17.8	18.6	17.8	15.1	12.2	10.2	9.0
65°	7.6	8.2	9.9	12.2	14.0	14.9	14.0	12.2	9.9	8.2	7.6
67.5°	6.1	6.7	8.2	9.6	11.1	11.9	11.1	9.6	8.2	6.7	6.1
70°	4.7	5.2	6.4	7.6	8.7	9.0	8.7	7.6	6.4	5.2	4.7
72.5°	3.5	4.1	5.0	5.8	6.7	7.0	6.7	5.8	5.0	4.1	3.5
75°	2.6	3.2	3.8	4.4	5.0	5.2	5.0	4.4	3.8	3.2	2.6
77.5°	2.0	2.3	2.6	3.2	3.5	3.8	3.5	3.2	2.6	2.3	2.0
80°	1.5	1.5	2.0	2.0	2.3	2.3	2.3	2.0	2.0	1.5	1.5
82.5°	0.9	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.2	1.2	0.9
85°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
87.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3



TEST NUMBER: P273492

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

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
90°	0.3	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: P273492

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

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	292.1	292.1	292.1	292.1	292.1	292.1	292.1	292.1	292.1	292.1	292.1
1°	292.4	290.7	289.8	289.2	287.8	286.9	286.3	284.9	283.4	283.1	282.8
2°	289.2	286.3	283.7	281.9	279.0	276.7	275.2	272.3	269.4	269.1	268.0
3°	284.3	279.0	274.7	270.9	265.9	261.6	258.6	254.0	249.3	249.3	246.7
4°	277.0	269.4	262.4	256.6	249.3	242.3	238.0	231.6	225.4	223.7	221.6
5°	268.3	258.1	248.4	240.0	230.7	221.4	215.2	207.1	199.2	197.5	194.9
6°	258.3	245.2	233.0	221.9	210.6	198.9	191.4	181.7	173.3	171.0	168.1
7°	247.3	231.3	216.1	201.8	189.6	176.5	167.5	157.3	148.3	145.6	142.4
8°	235.6	216.7	199.2	182.9	169.2	155.0	145.0	134.3	125.2	122.3	119.1
9°	223.1	201.8	182.0	164.3	149.4	134.6	124.1	113.3	104.6	101.6	98.4
10°	210.3	186.7	166.3	146.5	130.8	115.9	105.1	94.7	86.5	83.9	81.0
11°	196.3	171.8	150.0	129.6	113.6	99.3	88.5	78.9	71.1	68.2	65.8
12°	183.5	157.3	134.9	114.5	98.2	84.5	74.3	65.2	58.8	57.1	54.5
13°	170.1	143.3	120.6	100.5	84.5	71.6	62.3	54.8	49.2	47.5	45.4
14°	157.9	130.5	107.5	88.3	72.5	61.2	53.0	46.3	41.1	39.9	38.4
15°	146.2	118.3	95.5	76.6	62.3	52.4	45.1	39.3	35.2	34.1	32.6
17.5°	119.4	91.7	70.2	54.8	44.0	36.7	31.7	28.0	25.6	24.8	23.9
20°	96.7	70.5	52.7	40.5	32.6	27.4	24.2	21.6	20.1	19.5	18.9
22.5°	78.6	55.0	40.5	31.2	25.3	21.6	19.5	17.8	16.9	16.3	16.0
25°	63.8	44.0	32.3	25.0	20.7	18.1	16.6	15.4	14.9	14.6	14.3
27.5°	53.0	36.1	26.5	21.0	17.8	15.7	14.6	14.0	13.7	13.4	13.4
30°	45.1	30.6	22.4	18.1	15.4	14.3	13.4	13.1	13.1	13.1	13.1
32.5°	39.3	26.5	19.5	16.0	14.0	13.1	12.8	12.8	12.8	13.1	13.1
35°	35.0	23.3	17.5	14.3	13.1	12.5	12.5	12.8	13.1	13.4	13.7
37.5°	31.5	21.0	15.7	13.4	12.2	12.2	12.2	12.8	13.4	13.7	13.7
40°	28.5	19.2	14.6	12.5	11.9	11.9	12.2	12.8	13.1	13.4	13.4
42.5°	25.9	17.5	13.4	11.7	11.4	11.7	11.9	12.2	12.2	12.5	12.5
45°	23.3	16.3	12.5	11.4	11.1	11.1	11.1	11.4	11.4	11.1	11.1
47.5°	21.0	14.9	11.7	10.5	10.2	10.2	10.2	9.9	9.6	9.6	9.6
50°	18.6	13.7	10.8	9.6	9.3	9.0	8.7	8.4	8.2	7.9	7.9
52.5°	16.3	12.2	9.9	8.7	8.4	7.9	7.6	7.0	6.7	6.4	6.4
55°	14.0	10.8	8.7	7.6	7.0	6.7	6.1	5.5	5.2	5.0	5.0
57.5°	11.9	9.3	7.6	6.7	5.8	5.5	4.7	4.4	3.8	3.8	3.5
60°	9.9	7.9	6.4	5.5	4.7	4.1	3.5	3.2	2.9	2.6	2.6
62.5°	8.2	6.4	5.2	4.4	3.8	3.2	2.6	2.3	2.0	2.0	1.7
65°	6.7	5.2	4.1	3.5	2.9	2.3	2.0	1.7	1.5	1.5	1.5
67.5°	5.2	4.1	3.2	2.6	2.0	1.7	1.5	1.2	1.2	1.2	1.2
70°	4.1	3.2	2.3	2.0	1.5	1.5	1.2	1.2	0.9	0.9	0.9
72.5°	3.2	2.3	1.7	1.5	1.2	0.9	0.9	0.9	0.9	0.9	0.9
75°	2.3	1.7	1.5	1.2	0.9	0.9	0.9	0.6	0.6	0.6	0.6
77.5°	1.7	1.5	1.2	0.9	0.9	0.6	0.6	0.6	0.6	0.6	0.6
80°	1.2	0.9	0.9	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
82.5°	0.9	0.6	0.6	0.6	0.6	0.6	0.6	0.3	0.3	0.3	0.3
85°	0.6	0.6	0.6	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: P273492

CATALOG NUMBER: 0.10-1W-840-10-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: P273492

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

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	292.1	292.1	292.1	292.1
1°	282.2	282.5	283.1	282.8
2°	266.5	265.9	266.5	266.8
3°	244.4	243.2	243.5	241.7
4°	218.2	216.1	216.1	214.4
5°	190.5	187.9	187.3	185.8
6°	162.8	159.9	159.0	157.9
7°	136.9	133.7	132.8	131.6
8°	113.6	110.4	109.5	108.1
9°	93.2	90.0	89.1	88.0
10°	76.9	72.5	71.6	70.5
11°	62.3	59.1	58.3	57.1
12°	51.3	48.9	47.8	46.9
13°	42.5	40.8	39.9	39.9
14°	36.1	34.7	33.5	33.8
15°	30.9	29.7	28.8	28.8
17.5°	22.7	22.1	21.6	21.6
20°	18.1	17.8	17.5	17.5
22.5°	15.4	15.4	15.1	15.1
25°	14.0	14.0	13.7	13.7
27.5°	13.4	13.4	13.4	13.4
30°	13.1	13.4	13.4	13.4
32.5°	13.7	14.0	14.0	14.0
35°	14.0	14.3	14.6	14.6
37.5°	14.3	14.3	14.6	14.6
40°	13.7	13.7	13.7	13.7
42.5°	12.5	12.5	12.5	12.5
45°	11.1	10.8	10.8	10.8
47.5°	9.3	9.0	9.0	9.0
50°	7.6	7.6	7.3	7.3
52.5°	6.1	5.8	5.8	5.8
55°	4.7	4.4	4.4	4.4
57.5°	3.2	3.2	3.2	2.9
60°	2.3	2.3	2.0	2.0
62.5°	1.7	1.5	1.5	1.5
65°	1.2	1.2	1.2	1.2
67.5°	1.2	0.9	0.9	0.9
70°	0.9	0.9	0.9	0.9
72.5°	0.6	0.6	0.6	0.6
75°	0.6	0.6	0.6	0.6
77.5°	0.6	0.6	0.6	0.6
80°	0.6	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: P273492

CATALOG NUMBER: 0.10-1W-840-10-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)