

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: P273490

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P273490
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-835-10-OD-STD-UNV-AN-1F6
Description: iO LIGHTING SERIES 1.5 LINEAR LED LUMINAIRE, 10 DEGREE OPTIC.
STANDARD OUTPUT
Light Source: 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 128.4 lumens
Efficiency: N/A
Efficacy: 20.7 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

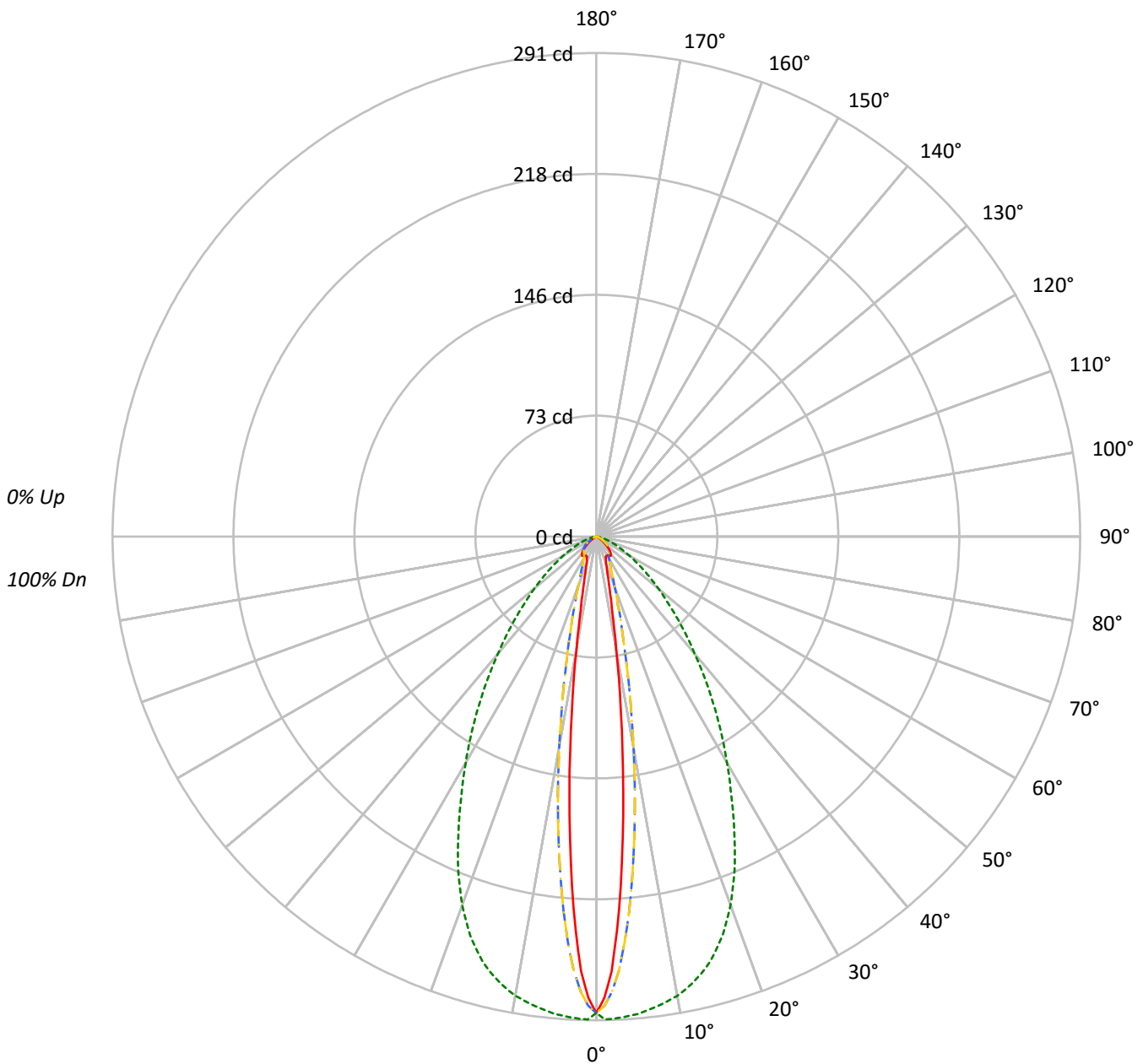
Input Watts (W): 6.2
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	26423	26423	26423	26423
5°	16164	26612	16164	26612
10°	5953	26132	5953	26132
15°	2382	25055	2382	25055
20°	1419	22906	1419	22906
25°	1105	19695	1105	19695
30°	1082	16452	1082	16452
35°	1192	13517	1192	13517
40°	1136	10803	1136	10803
45°	921	8572	921	8572
50°	638	6732	638	6732
55°	403	5242	403	5242
60°	198	4016	198	4016
65°	116	2994	116	2994
70°	102	2218	102	2218
75°	75	1635	75	1635
80°	42	1045	42	1045
85°	47	474	47	474



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.3	15.0
10°-20°	28.3	22.0
20°-30°	25.0	19.5
30°-40°	21.4	16.6
40°-50°	16.7	13.0
50°-60°	10.3	8.0
60°-70°	4.9	3.8
70°-80°	1.9	1.5
80°-90°	0.5	0.4
90°-100°	0.1	0.1
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	72.6	56.5
0°-40°	93.9	73.1
0°-60°	121.0	94.2
0°-90°	128.3	99.9
90°-120°	0.1	0.1
90°-150°	0.1	0.1
90°-180°	0.0	0.0
0°-180°	128.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	287	287	287	287	287	
5°	182	288	182	288	182	14
15°	28	265	28	265	28	9
25°	13	196	13	196	13	6
35°	14	123	14	123	14	9
45°	11	68	11	68	11	8
55°	4	34	4	34	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°	286.6	286.6	286.6	286.6	286.6	286.6	286.6	286.6	286.6	286.6	286.6
1°	277.5	277.8	277.2	276.9	277.5	277.8	278.0	279.5	280.9	281.5	282.3
2°	261.8	261.5	260.9	261.5	262.9	264.0	264.3	267.2	270.0	271.5	273.8
3°	237.2	238.9	238.6	239.8	242.0	244.6	244.6	249.2	253.8	256.6	260.9
4°	210.3	212.0	212.0	214.0	217.5	219.5	221.2	227.2	233.5	237.8	244.6
5°	182.3	183.7	184.3	186.9	191.2	193.7	195.5	203.2	211.2	217.2	226.3
6°	154.9	156.0	156.9	159.7	164.9	167.7	170.0	178.3	187.7	195.2	206.6
7°	129.2	130.3	131.2	134.3	139.7	142.9	145.5	154.3	164.3	173.2	186.0
8°	106.0	107.4	108.3	111.4	116.9	120.0	122.9	131.7	142.3	152.0	166.0
9°	86.3	87.4	88.3	91.4	96.6	99.7	102.6	111.2	121.7	132.0	146.6
10°	69.2	70.3	71.2	75.4	79.4	82.3	84.9	92.9	103.2	113.7	128.3
11°	56.0	57.2	58.0	61.2	64.6	66.9	69.7	77.4	86.9	97.4	111.4
12°	46.0	46.9	48.0	50.3	53.4	56.0	57.7	64.0	72.9	82.9	96.3
13°	39.1	39.1	40.0	41.7	44.6	46.6	48.3	53.7	61.2	70.3	82.9
14°	33.1	32.9	34.0	35.4	37.7	39.1	40.3	45.4	52.0	60.0	71.2
15°	28.3	28.3	29.1	30.3	32.0	33.4	34.6	38.6	44.3	51.4	61.2
17.5°	21.1	21.1	21.7	22.3	23.4	24.3	25.1	27.4	31.1	36.0	43.2
20°	17.1	17.1	17.4	17.7	18.6	19.1	19.7	21.1	23.7	26.9	32.0
22.5°	14.9	14.9	15.1	15.1	15.7	16.0	16.6	17.4	19.1	21.1	24.9
25°	13.4	13.4	13.7	13.7	14.0	14.3	14.6	15.1	16.3	17.7	20.3
27.5°	13.1	13.1	13.1	13.1	13.1	13.1	13.4	13.7	14.3	15.4	17.4
30°	13.1	13.1	13.1	12.9	12.9	12.9	12.9	12.9	13.1	14.0	15.1
32.5°	13.7	13.7	13.7	13.4	12.9	12.9	12.6	12.6	12.6	12.9	13.7
35°	14.3	14.3	14.0	13.7	13.4	13.1	12.9	12.6	12.3	12.3	12.9
37.5°	14.3	14.3	14.0	14.0	13.4	13.4	13.1	12.6	12.0	12.0	12.0
40°	13.4	13.4	13.4	13.4	13.1	13.1	12.9	12.6	12.0	11.7	11.7
42.5°	12.3	12.3	12.3	12.3	12.3	12.3	12.0	12.0	11.7	11.4	11.1
45°	10.6	10.6	10.6	10.9	10.9	10.9	11.1	11.1	10.9	10.9	10.9
47.5°	8.9	8.9	8.9	9.1	9.4	9.4	9.4	9.7	10.0	10.0	10.0
50°	7.1	7.1	7.4	7.4	7.7	7.7	8.0	8.3	8.6	8.9	9.1
52.5°	5.7	5.7	5.7	6.0	6.3	6.3	6.6	6.9	7.4	7.7	8.3
55°	4.3	4.3	4.3	4.6	4.9	4.9	5.1	5.4	6.0	6.6	6.9
57.5°	2.9	3.1	3.1	3.1	3.4	3.7	3.7	4.3	4.6	5.4	5.7
60°	2.0	2.0	2.3	2.3	2.6	2.6	2.9	3.1	3.4	4.0	4.6
62.5°	1.4	1.4	1.4	1.7	1.7	2.0	2.0	2.3	2.6	3.1	3.7
65°	1.1	1.1	1.1	1.1	1.4	1.4	1.4	1.7	2.0	2.3	2.9
67.5°	0.9	0.9	0.9	1.1	1.1	1.1	1.1	1.1	1.4	1.7	2.0
70°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.1	1.1	1.4	1.4
72.5°	0.6	0.6	0.6	0.6	0.9	0.9	0.9	0.9	0.9	0.9	1.1
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°	286.6	286.6	286.6	286.6	286.6	286.6	286.6	286.6	286.6	286.6	286.6
1°	283.8	284.3	285.2	286.9	287.2	287.5	288.1	288.6	290.1	290.6	290.1
2°	276.6	278.3	280.9	283.8	284.0	285.2	286.6	287.8	289.5	290.3	289.5
3°	265.8	269.5	273.8	278.9	279.8	281.5	284.3	286.6	288.9	289.8	288.9
4°	251.8	257.5	264.3	271.8	273.8	276.3	280.9	284.6	287.8	288.9	287.8
5°	235.5	243.8	253.2	263.2	266.6	270.3	277.2	282.3	286.6	288.3	286.6
6°	217.8	228.6	240.6	253.5	258.0	263.5	272.6	279.2	284.9	286.9	284.9
7°	198.0	212.0	226.9	242.6	248.6	255.2	267.2	276.0	282.9	285.5	282.9
8°	179.5	195.5	212.6	231.2	238.3	246.6	261.2	272.6	280.9	284.0	280.9
9°	161.2	178.6	198.0	218.9	227.8	237.5	254.6	268.3	278.6	282.3	278.6
10°	143.7	163.2	183.2	206.3	216.0	227.5	247.8	264.0	275.8	280.6	275.8
11°	127.2	147.2	168.6	192.6	204.3	217.2	240.0	259.2	272.6	278.0	272.6
12°	112.3	132.3	154.3	180.0	192.6	206.6	232.0	253.8	269.2	275.2	269.2
13°	98.6	118.3	140.6	166.9	180.9	196.0	223.8	248.0	265.2	272.0	265.2
14°	86.6	105.4	128.0	154.9	169.5	185.7	215.5	242.0	261.2	268.6	261.2
15°	75.2	93.7	116.0	143.5	158.9	175.2	206.9	235.5	256.3	264.6	256.3
17.5°	53.7	68.9	90.0	117.2	132.6	150.3	184.9	218.0	242.6	252.0	242.6
20°	39.7	51.7	69.2	94.9	110.0	126.3	163.2	198.9	225.5	236.0	225.5
22.5°	30.6	39.7	54.0	77.2	90.9	106.9	142.9	179.2	206.3	217.2	206.3
25°	24.6	31.7	43.2	62.6	75.2	90.6	124.6	159.7	186.0	196.3	186.0
27.5°	20.6	26.0	35.4	52.0	63.2	77.2	109.2	141.5	166.3	175.7	166.3
30°	17.7	22.0	30.0	44.3	54.3	66.6	96.0	125.2	148.0	157.2	148.0
32.5°	15.7	19.1	26.0	38.6	47.7	58.3	84.6	110.6	131.2	139.5	131.2
35°	14.0	17.1	22.9	34.3	42.3	52.0	74.3	96.9	114.9	122.6	114.9
37.5°	13.1	15.4	20.6	30.9	38.0	46.3	65.2	84.3	99.7	106.9	99.7
40°	12.3	14.3	18.9	28.0	34.3	41.4	57.2	72.0	86.0	92.0	86.0
42.5°	11.4	13.1	17.1	25.4	30.9	36.9	49.2	61.7	73.7	79.4	73.7
45°	11.1	12.3	16.0	22.9	27.7	32.6	42.6	52.9	62.9	67.7	62.9
47.5°	10.3	11.4	14.6	20.6	24.3	28.3	36.3	45.2	53.4	57.4	53.4
50°	9.4	10.6	13.4	18.3	21.4	24.3	30.9	38.3	45.4	48.6	45.4
52.5°	8.6	9.7	12.0	16.0	18.3	20.9	26.0	32.3	38.3	40.9	38.3
55°	7.4	8.6	10.6	13.7	15.7	17.4	21.7	26.9	31.7	34.0	31.7
57.5°	6.6	7.4	9.1	11.7	13.1	14.6	18.0	22.3	26.3	28.0	26.3
60°	5.4	6.3	7.7	9.7	10.9	12.0	14.9	18.3	21.4	22.9	21.4
62.5°	4.3	5.1	6.3	8.0	8.9	10.0	12.0	14.9	17.4	18.3	17.4
65°	3.4	4.0	5.1	6.6	7.4	8.0	9.7	12.0	13.7	14.6	13.7
67.5°	2.6	3.1	4.0	5.1	6.0	6.6	8.0	9.4	10.9	11.7	10.9
70°	2.0	2.3	3.1	4.0	4.6	5.1	6.3	7.4	8.6	8.9	8.6
72.5°	1.4	1.7	2.3	3.1	3.4	4.0	4.9	5.7	6.6	6.9	6.6
75°	1.1	1.4	1.7	2.3	2.6	3.1	3.7	4.3	4.9	5.1	4.9
77.5°	0.9	1.1	1.4	1.7	2.0	2.3	2.6	3.1	3.4	3.7	3.4
80°	0.6	0.9	0.9	1.1	1.4	1.4	2.0	2.0	2.3	2.3	2.3
82.5°	0.6	0.6	0.6	0.9	0.9	1.1	1.1	1.4	1.4	1.4	1.4
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: P273490

CATALOG NUMBER: 0.10-1W-835-10-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: P273490

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

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	286.6	286.6	286.6	286.6	286.6	286.6	286.6	286.6	286.6	286.6	286.6
1°	288.6	288.1	287.5	287.2	286.9	285.2	284.3	283.8	282.3	281.5	280.9
2°	287.8	286.6	285.2	284.0	283.8	280.9	278.3	276.6	273.8	271.5	270.0
3°	286.6	284.3	281.5	279.8	278.9	273.8	269.5	265.8	260.9	256.6	253.8
4°	284.6	280.9	276.3	273.8	271.8	264.3	257.5	251.8	244.6	237.8	233.5
5°	282.3	277.2	270.3	266.6	263.2	253.2	243.8	235.5	226.3	217.2	211.2
6°	279.2	272.6	263.5	258.0	253.5	240.6	228.6	217.8	206.6	195.2	187.7
7°	276.0	267.2	255.2	248.6	242.6	226.9	212.0	198.0	186.0	173.2	164.3
8°	272.6	261.2	246.6	238.3	231.2	212.6	195.5	179.5	166.0	152.0	142.3
9°	268.3	254.6	237.5	227.8	218.9	198.0	178.6	161.2	146.6	132.0	121.7
10°	264.0	247.8	227.5	216.0	206.3	183.2	163.2	143.7	128.3	113.7	103.2
11°	259.2	240.0	217.2	204.3	192.6	168.6	147.2	127.2	111.4	97.4	86.9
12°	253.8	232.0	206.6	192.6	180.0	154.3	132.3	112.3	96.3	82.9	72.9
13°	248.0	223.8	196.0	180.9	166.9	140.6	118.3	98.6	82.9	70.3	61.2
14°	242.0	215.5	185.7	169.5	154.9	128.0	105.4	86.6	71.2	60.0	52.0
15°	235.5	206.9	175.2	158.9	143.5	116.0	93.7	75.2	61.2	51.4	44.3
17.5°	218.0	184.9	150.3	132.6	117.2	90.0	68.9	53.7	43.2	36.0	31.1
20°	198.9	163.2	126.3	110.0	94.9	69.2	51.7	39.7	32.0	26.9	23.7
22.5°	179.2	142.9	106.9	90.9	77.2	54.0	39.7	30.6	24.9	21.1	19.1
25°	159.7	124.6	90.6	75.2	62.6	43.2	31.7	24.6	20.3	17.7	16.3
27.5°	141.5	109.2	77.2	63.2	52.0	35.4	26.0	20.6	17.4	15.4	14.3
30°	125.2	96.0	66.6	54.3	44.3	30.0	22.0	17.7	15.1	14.0	13.1
32.5°	110.6	84.6	58.3	47.7	38.6	26.0	19.1	15.7	13.7	12.9	12.6
35°	96.9	74.3	52.0	42.3	34.3	22.9	17.1	14.0	12.9	12.3	12.3
37.5°	84.3	65.2	46.3	38.0	30.9	20.6	15.4	13.1	12.0	12.0	12.0
40°	72.0	57.2	41.4	34.3	28.0	18.9	14.3	12.3	11.7	11.7	12.0
42.5°	61.7	49.2	36.9	30.9	25.4	17.1	13.1	11.4	11.1	11.4	11.7
45°	52.9	42.6	32.6	27.7	22.9	16.0	12.3	11.1	10.9	10.9	10.9
47.5°	45.2	36.3	28.3	24.3	20.6	14.6	11.4	10.3	10.0	10.0	10.0
50°	38.3	30.9	24.3	21.4	18.3	13.4	10.6	9.4	9.1	8.9	8.6
52.5°	32.3	26.0	20.9	18.3	16.0	12.0	9.7	8.6	8.3	7.7	7.4
55°	26.9	21.7	17.4	15.7	13.7	10.6	8.6	7.4	6.9	6.6	6.0
57.5°	22.3	18.0	14.6	13.1	11.7	9.1	7.4	6.6	5.7	5.4	4.6
60°	18.3	14.9	12.0	10.9	9.7	7.7	6.3	5.4	4.6	4.0	3.4
62.5°	14.9	12.0	10.0	8.9	8.0	6.3	5.1	4.3	3.7	3.1	2.6
65°	12.0	9.7	8.0	7.4	6.6	5.1	4.0	3.4	2.9	2.3	2.0
67.5°	9.4	8.0	6.6	6.0	5.1	4.0	3.1	2.6	2.0	1.7	1.4
70°	7.4	6.3	5.1	4.6	4.0	3.1	2.3	2.0	1.4	1.4	1.1
72.5°	5.7	4.9	4.0	3.4	3.1	2.3	1.7	1.4	1.1	0.9	0.9
75°	4.3	3.7	3.1	2.6	2.3	1.7	1.4	1.1	0.9	0.9	0.9
77.5°	3.1	2.6	2.3	2.0	1.7	1.4	1.1	0.9	0.9	0.6	0.6
80°	2.0	2.0	1.4	1.4	1.1	0.9	0.9	0.6	0.6	0.6	0.6
82.5°	1.4	1.1	1.1	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: P273490

CATALOG NUMBER: 0.10-1W-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	0.3	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: P273490

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

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	286.6	286.6	286.6	286.6	286.6	286.6	286.6	286.6	286.6	286.6	286.6
1°	279.5	278.0	277.8	277.5	276.9	277.2	277.8	277.5	277.8	277.2	276.9
2°	267.2	264.3	264.0	262.9	261.5	260.9	261.5	261.8	261.5	260.9	261.5
3°	249.2	244.6	244.6	242.0	239.8	238.6	238.9	237.2	238.9	238.6	239.8
4°	227.2	221.2	219.5	217.5	214.0	212.0	212.0	210.3	212.0	212.0	214.0
5°	203.2	195.5	193.7	191.2	186.9	184.3	183.7	182.3	183.7	184.3	186.9
6°	178.3	170.0	167.7	164.9	159.7	156.9	156.0	154.9	156.0	156.9	159.7
7°	154.3	145.5	142.9	139.7	134.3	131.2	130.3	129.2	130.3	131.2	134.3
8°	131.7	122.9	120.0	116.9	111.4	108.3	107.4	106.0	107.4	108.3	111.4
9°	111.2	102.6	99.7	96.6	91.4	88.3	87.4	86.3	87.4	88.3	91.4
10°	92.9	84.9	82.3	79.4	75.4	71.2	70.3	69.2	70.3	71.2	75.4
11°	77.4	69.7	66.9	64.6	61.2	58.0	57.2	56.0	57.2	58.0	61.2
12°	64.0	57.7	56.0	53.4	50.3	48.0	46.9	46.0	46.9	48.0	50.3
13°	53.7	48.3	46.6	44.6	41.7	40.0	39.1	39.1	39.1	40.0	41.7
14°	45.4	40.3	39.1	37.7	35.4	34.0	32.9	33.1	32.9	34.0	35.4
15°	38.6	34.6	33.4	32.0	30.3	29.1	28.3	28.3	28.3	29.1	30.3
17.5°	27.4	25.1	24.3	23.4	22.3	21.7	21.1	21.1	21.1	21.7	22.3
20°	21.1	19.7	19.1	18.6	17.7	17.4	17.1	17.1	17.1	17.4	17.7
22.5°	17.4	16.6	16.0	15.7	15.1	15.1	14.9	14.9	14.9	15.1	15.1
25°	15.1	14.6	14.3	14.0	13.7	13.7	13.4	13.4	13.4	13.7	13.7
27.5°	13.7	13.4	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
30°	12.9	12.9	12.9	12.9	12.9	13.1	13.1	13.1	13.1	13.1	12.9
32.5°	12.6	12.6	12.9	12.9	13.4	13.7	13.7	13.7	13.7	13.7	13.4
35°	12.6	12.9	13.1	13.4	13.7	14.0	14.3	14.3	14.3	14.0	13.7
37.5°	12.6	13.1	13.4	13.4	14.0	14.0	14.3	14.3	14.3	14.0	14.0
40°	12.6	12.9	13.1	13.1	13.4	13.4	13.4	13.4	13.4	13.4	13.4
42.5°	12.0	12.0	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
45°	11.1	11.1	10.9	10.9	10.9	10.6	10.6	10.6	10.6	10.6	10.9
47.5°	9.7	9.4	9.4	9.4	9.1	8.9	8.9	8.9	8.9	8.9	9.1
50°	8.3	8.0	7.7	7.7	7.4	7.4	7.1	7.1	7.1	7.4	7.4
52.5°	6.9	6.6	6.3	6.3	6.0	5.7	5.7	5.7	5.7	5.7	6.0
55°	5.4	5.1	4.9	4.9	4.6	4.3	4.3	4.3	4.3	4.3	4.6
57.5°	4.3	3.7	3.7	3.4	3.1	3.1	3.1	2.9	3.1	3.1	3.1
60°	3.1	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	1.4	1.4	1.4	1.4	1.4	1.7
65°	1.7	1.4	1.4	1.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1
67.5°	1.1	1.1	1.1	1.1	1.1	0.9	0.9	0.9	0.9	0.9	1.1
70°	1.1	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: P273490

CATALOG NUMBER: 0.10-1W-835-10-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: P273490

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

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	286.6	286.6	286.6	286.6	286.6	286.6	286.6	286.6	286.6	286.6	286.6
1°	277.5	277.8	278.0	279.5	280.9	281.5	282.3	283.8	284.3	285.2	286.9
2°	262.9	264.0	264.3	267.2	270.0	271.5	273.8	276.6	278.3	280.9	283.8
3°	242.0	244.6	244.6	249.2	253.8	256.6	260.9	265.8	269.5	273.8	278.9
4°	217.5	219.5	221.2	227.2	233.5	237.8	244.6	251.8	257.5	264.3	271.8
5°	191.2	193.7	195.5	203.2	211.2	217.2	226.3	235.5	243.8	253.2	263.2
6°	164.9	167.7	170.0	178.3	187.7	195.2	206.6	217.8	228.6	240.6	253.5
7°	139.7	142.9	145.5	154.3	164.3	173.2	186.0	198.0	212.0	226.9	242.6
8°	116.9	120.0	122.9	131.7	142.3	152.0	166.0	179.5	195.5	212.6	231.2
9°	96.6	99.7	102.6	111.2	121.7	132.0	146.6	161.2	178.6	198.0	218.9
10°	79.4	82.3	84.9	92.9	103.2	113.7	128.3	143.7	163.2	183.2	206.3
11°	64.6	66.9	69.7	77.4	86.9	97.4	111.4	127.2	147.2	168.6	192.6
12°	53.4	56.0	57.7	64.0	72.9	82.9	96.3	112.3	132.3	154.3	180.0
13°	44.6	46.6	48.3	53.7	61.2	70.3	82.9	98.6	118.3	140.6	166.9
14°	37.7	39.1	40.3	45.4	52.0	60.0	71.2	86.6	105.4	128.0	154.9
15°	32.0	33.4	34.6	38.6	44.3	51.4	61.2	75.2	93.7	116.0	143.5
17.5°	23.4	24.3	25.1	27.4	31.1	36.0	43.2	53.7	68.9	90.0	117.2
20°	18.6	19.1	19.7	21.1	23.7	26.9	32.0	39.7	51.7	69.2	94.9
22.5°	15.7	16.0	16.6	17.4	19.1	21.1	24.9	30.6	39.7	54.0	77.2
25°	14.0	14.3	14.6	15.1	16.3	17.7	20.3	24.6	31.7	43.2	62.6
27.5°	13.1	13.1	13.4	13.7	14.3	15.4	17.4	20.6	26.0	35.4	52.0
30°	12.9	12.9	12.9	12.9	13.1	14.0	15.1	17.7	22.0	30.0	44.3
32.5°	12.9	12.9	12.6	12.6	12.6	12.9	13.7	15.7	19.1	26.0	38.6
35°	13.4	13.1	12.9	12.6	12.3	12.3	12.9	14.0	17.1	22.9	34.3
37.5°	13.4	13.4	13.1	12.6	12.0	12.0	12.0	13.1	15.4	20.6	30.9
40°	13.1	13.1	12.9	12.6	12.0	11.7	11.7	12.3	14.3	18.9	28.0
42.5°	12.3	12.3	12.0	12.0	11.7	11.4	11.1	11.4	13.1	17.1	25.4
45°	10.9	10.9	11.1	11.1	10.9	10.9	10.9	11.1	12.3	16.0	22.9
47.5°	9.4	9.4	9.4	9.7	10.0	10.0	10.0	10.3	11.4	14.6	20.6
50°	7.7	7.7	8.0	8.3	8.6	8.9	9.1	9.4	10.6	13.4	18.3
52.5°	6.3	6.3	6.6	6.9	7.4	7.7	8.3	8.6	9.7	12.0	16.0
55°	4.9	4.9	5.1	5.4	6.0	6.6	6.9	7.4	8.6	10.6	13.7
57.5°	3.4	3.7	3.7	4.3	4.6	5.4	5.7	6.6	7.4	9.1	11.7
60°	2.6	2.6	2.9	3.1	3.4	4.0	4.6	5.4	6.3	7.7	9.7
62.5°	1.7	2.0	2.0	2.3	2.6	3.1	3.7	4.3	5.1	6.3	8.0
65°	1.4	1.4	1.4	1.7	2.0	2.3	2.9	3.4	4.0	5.1	6.6
67.5°	1.1	1.1	1.1	1.1	1.4	1.7	2.0	2.6	3.1	4.0	5.1
70°	0.9	0.9	0.9	1.1	1.1	1.4	1.4	2.0	2.3	3.1	4.0
72.5°	0.9	0.9	0.9	0.9	0.9	0.9	1.1	1.4	1.7	2.3	3.1
75°	0.6	0.6	0.6	0.6	0.9	0.9	0.9	1.1	1.4	1.7	2.3
77.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.9	0.9	1.1	1.4	1.7
80°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.9	0.9	1.1
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: P273490

CATALOG NUMBER: 0.10-1W-835-10-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: P273490

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

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	286.6	286.6	286.6	286.6	286.6	286.6	286.6	286.6	286.6	286.6	286.6
1°	287.2	287.5	288.1	288.6	290.1	290.6	290.1	288.6	288.1	287.5	287.2
2°	284.0	285.2	286.6	287.8	289.5	290.3	289.5	287.8	286.6	285.2	284.0
3°	279.8	281.5	284.3	286.6	288.9	289.8	288.9	286.6	284.3	281.5	279.8
4°	273.8	276.3	280.9	284.6	287.8	288.9	287.8	284.6	280.9	276.3	273.8
5°	266.6	270.3	277.2	282.3	286.6	288.3	286.6	282.3	277.2	270.3	266.6
6°	258.0	263.5	272.6	279.2	284.9	286.9	284.9	279.2	272.6	263.5	258.0
7°	248.6	255.2	267.2	276.0	282.9	285.5	282.9	276.0	267.2	255.2	248.6
8°	238.3	246.6	261.2	272.6	280.9	284.0	280.9	272.6	261.2	246.6	238.3
9°	227.8	237.5	254.6	268.3	278.6	282.3	278.6	268.3	254.6	237.5	227.8
10°	216.0	227.5	247.8	264.0	275.8	280.6	275.8	264.0	247.8	227.5	216.0
11°	204.3	217.2	240.0	259.2	272.6	278.0	272.6	259.2	240.0	217.2	204.3
12°	192.6	206.6	232.0	253.8	269.2	275.2	269.2	253.8	232.0	206.6	192.6
13°	180.9	196.0	223.8	248.0	265.2	272.0	265.2	248.0	223.8	196.0	180.9
14°	169.5	185.7	215.5	242.0	261.2	268.6	261.2	242.0	215.5	185.7	169.5
15°	158.9	175.2	206.9	235.5	256.3	264.6	256.3	235.5	206.9	175.2	158.9
17.5°	132.6	150.3	184.9	218.0	242.6	252.0	242.6	218.0	184.9	150.3	132.6
20°	110.0	126.3	163.2	198.9	225.5	236.0	225.5	198.9	163.2	126.3	110.0
22.5°	90.9	106.9	142.9	179.2	206.3	217.2	206.3	179.2	142.9	106.9	90.9
25°	75.2	90.6	124.6	159.7	186.0	196.3	186.0	159.7	124.6	90.6	75.2
27.5°	63.2	77.2	109.2	141.5	166.3	175.7	166.3	141.5	109.2	77.2	63.2
30°	54.3	66.6	96.0	125.2	148.0	157.2	148.0	125.2	96.0	66.6	54.3
32.5°	47.7	58.3	84.6	110.6	131.2	139.5	131.2	110.6	84.6	58.3	47.7
35°	42.3	52.0	74.3	96.9	114.9	122.6	114.9	96.9	74.3	52.0	42.3
37.5°	38.0	46.3	65.2	84.3	99.7	106.9	99.7	84.3	65.2	46.3	38.0
40°	34.3	41.4	57.2	72.0	86.0	92.0	86.0	72.0	57.2	41.4	34.3
42.5°	30.9	36.9	49.2	61.7	73.7	79.4	73.7	61.7	49.2	36.9	30.9
45°	27.7	32.6	42.6	52.9	62.9	67.7	62.9	52.9	42.6	32.6	27.7
47.5°	24.3	28.3	36.3	45.2	53.4	57.4	53.4	45.2	36.3	28.3	24.3
50°	21.4	24.3	30.9	38.3	45.4	48.6	45.4	38.3	30.9	24.3	21.4
52.5°	18.3	20.9	26.0	32.3	38.3	40.9	38.3	32.3	26.0	20.9	18.3
55°	15.7	17.4	21.7	26.9	31.7	34.0	31.7	26.9	21.7	17.4	15.7
57.5°	13.1	14.6	18.0	22.3	26.3	28.0	26.3	22.3	18.0	14.6	13.1
60°	10.9	12.0	14.9	18.3	21.4	22.9	21.4	18.3	14.9	12.0	10.9
62.5°	8.9	10.0	12.0	14.9	17.4	18.3	17.4	14.9	12.0	10.0	8.9
65°	7.4	8.0	9.7	12.0	13.7	14.6	13.7	12.0	9.7	8.0	7.4
67.5°	6.0	6.6	8.0	9.4	10.9	11.7	10.9	9.4	8.0	6.6	6.0
70°	4.6	5.1	6.3	7.4	8.6	8.9	8.6	7.4	6.3	5.1	4.6
72.5°	3.4	4.0	4.9	5.7	6.6	6.9	6.6	5.7	4.9	4.0	3.4
75°	2.6	3.1	3.7	4.3	4.9	5.1	4.9	4.3	3.7	3.1	2.6
77.5°	2.0	2.3	2.6	3.1	3.4	3.7	3.4	3.1	2.6	2.3	2.0
80°	1.4	1.4	2.0	2.0	2.3	2.3	2.3	2.0	2.0	1.4	1.4
82.5°	0.9	1.1	1.1	1.4	1.4	1.4	1.4	1.4	1.1	1.1	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: P273490

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

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
90°	0.3	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: P273490

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

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	286.6	286.6	286.6	286.6	286.6	286.6	286.6	286.6	286.6	286.6	286.6
1°	286.9	285.2	284.3	283.8	282.3	281.5	280.9	279.5	278.0	277.8	277.5
2°	283.8	280.9	278.3	276.6	273.8	271.5	270.0	267.2	264.3	264.0	262.9
3°	278.9	273.8	269.5	265.8	260.9	256.6	253.8	249.2	244.6	244.6	242.0
4°	271.8	264.3	257.5	251.8	244.6	237.8	233.5	227.2	221.2	219.5	217.5
5°	263.2	253.2	243.8	235.5	226.3	217.2	211.2	203.2	195.5	193.7	191.2
6°	253.5	240.6	228.6	217.8	206.6	195.2	187.7	178.3	170.0	167.7	164.9
7°	242.6	226.9	212.0	198.0	186.0	173.2	164.3	154.3	145.5	142.9	139.7
8°	231.2	212.6	195.5	179.5	166.0	152.0	142.3	131.7	122.9	120.0	116.9
9°	218.9	198.0	178.6	161.2	146.6	132.0	121.7	111.2	102.6	99.7	96.6
10°	206.3	183.2	163.2	143.7	128.3	113.7	103.2	92.9	84.9	82.3	79.4
11°	192.6	168.6	147.2	127.2	111.4	97.4	86.9	77.4	69.7	66.9	64.6
12°	180.0	154.3	132.3	112.3	96.3	82.9	72.9	64.0	57.7	56.0	53.4
13°	166.9	140.6	118.3	98.6	82.9	70.3	61.2	53.7	48.3	46.6	44.6
14°	154.9	128.0	105.4	86.6	71.2	60.0	52.0	45.4	40.3	39.1	37.7
15°	143.5	116.0	93.7	75.2	61.2	51.4	44.3	38.6	34.6	33.4	32.0
17.5°	117.2	90.0	68.9	53.7	43.2	36.0	31.1	27.4	25.1	24.3	23.4
20°	94.9	69.2	51.7	39.7	32.0	26.9	23.7	21.1	19.7	19.1	18.6
22.5°	77.2	54.0	39.7	30.6	24.9	21.1	19.1	17.4	16.6	16.0	15.7
25°	62.6	43.2	31.7	24.6	20.3	17.7	16.3	15.1	14.6	14.3	14.0
27.5°	52.0	35.4	26.0	20.6	17.4	15.4	14.3	13.7	13.4	13.1	13.1
30°	44.3	30.0	22.0	17.7	15.1	14.0	13.1	12.9	12.9	12.9	12.9
32.5°	38.6	26.0	19.1	15.7	13.7	12.9	12.6	12.6	12.6	12.9	12.9
35°	34.3	22.9	17.1	14.0	12.9	12.3	12.3	12.6	12.9	13.1	13.4
37.5°	30.9	20.6	15.4	13.1	12.0	12.0	12.0	12.6	13.1	13.4	13.4
40°	28.0	18.9	14.3	12.3	11.7	11.7	12.0	12.6	12.9	13.1	13.1
42.5°	25.4	17.1	13.1	11.4	11.1	11.4	11.7	12.0	12.0	12.3	12.3
45°	22.9	16.0	12.3	11.1	10.9	10.9	10.9	11.1	11.1	10.9	10.9
47.5°	20.6	14.6	11.4	10.3	10.0	10.0	10.0	9.7	9.4	9.4	9.4
50°	18.3	13.4	10.6	9.4	9.1	8.9	8.6	8.3	8.0	7.7	7.7
52.5°	16.0	12.0	9.7	8.6	8.3	7.7	7.4	6.9	6.6	6.3	6.3
55°	13.7	10.6	8.6	7.4	6.9	6.6	6.0	5.4	5.1	4.9	4.9
57.5°	11.7	9.1	7.4	6.6	5.7	5.4	4.6	4.3	3.7	3.7	3.4
60°	9.7	7.7	6.3	5.4	4.6	4.0	3.4	3.1	2.9	2.6	2.6
62.5°	8.0	6.3	5.1	4.3	3.7	3.1	2.6	2.3	2.0	2.0	1.7
65°	6.6	5.1	4.0	3.4	2.9	2.3	2.0	1.7	1.4	1.4	1.4
67.5°	5.1	4.0	3.1	2.6	2.0	1.7	1.4	1.1	1.1	1.1	1.1
70°	4.0	3.1	2.3	2.0	1.4	1.4	1.1	1.1	0.9	0.9	0.9
72.5°	3.1	2.3	1.7	1.4	1.1	0.9	0.9	0.9	0.9	0.9	0.9
75°	2.3	1.7	1.4	1.1	0.9	0.9	0.9	0.6	0.6	0.6	0.6
77.5°	1.7	1.4	1.1	0.9	0.9	0.6	0.6	0.6	0.6	0.6	0.6
80°	1.1	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: P273490

CATALOG NUMBER: 0.10-1W-835-10-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: P273490

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

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	286.6	286.6	286.6	286.6
1°	276.9	277.2	277.8	277.5
2°	261.5	260.9	261.5	261.8
3°	239.8	238.6	238.9	237.2
4°	214.0	212.0	212.0	210.3
5°	186.9	184.3	183.7	182.3
6°	159.7	156.9	156.0	154.9
7°	134.3	131.2	130.3	129.2
8°	111.4	108.3	107.4	106.0
9°	91.4	88.3	87.4	86.3
10°	75.4	71.2	70.3	69.2
11°	61.2	58.0	57.2	56.0
12°	50.3	48.0	46.9	46.0
13°	41.7	40.0	39.1	39.1
14°	35.4	34.0	32.9	33.1
15°	30.3	29.1	28.3	28.3
17.5°	22.3	21.7	21.1	21.1
20°	17.7	17.4	17.1	17.1
22.5°	15.1	15.1	14.9	14.9
25°	13.7	13.7	13.4	13.4
27.5°	13.1	13.1	13.1	13.1
30°	12.9	13.1	13.1	13.1
32.5°	13.4	13.7	13.7	13.7
35°	13.7	14.0	14.3	14.3
37.5°	14.0	14.0	14.3	14.3
40°	13.4	13.4	13.4	13.4
42.5°	12.3	12.3	12.3	12.3
45°	10.9	10.6	10.6	10.6
47.5°	9.1	8.9	8.9	8.9
50°	7.4	7.4	7.1	7.1
52.5°	6.0	5.7	5.7	5.7
55°	4.6	4.3	4.3	4.3
57.5°	3.1	3.1	3.1	2.9
60°	2.3	2.3	2.0	2.0
62.5°	1.7	1.4	1.4	1.4
65°	1.1	1.1	1.1	1.1
67.5°	1.1	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: P273490

CATALOG NUMBER: 0.10-1W-835-10-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)