

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: P273496

Luminaire Tested: **0.10-3W-830-10-OD-STD-UNV-AN-1F6**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P273496
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-830-10-OD-STD-UNV-AN-1F6
Description: iO LIGHTING SERIES 1.5 LINEAR LED LUMINAIRE, 10 DEGREE OPTIC.
HIGH OUTPUT
Light Source: 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 297.0 lumens
Efficiency: N/A
Efficacy: 33.4 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

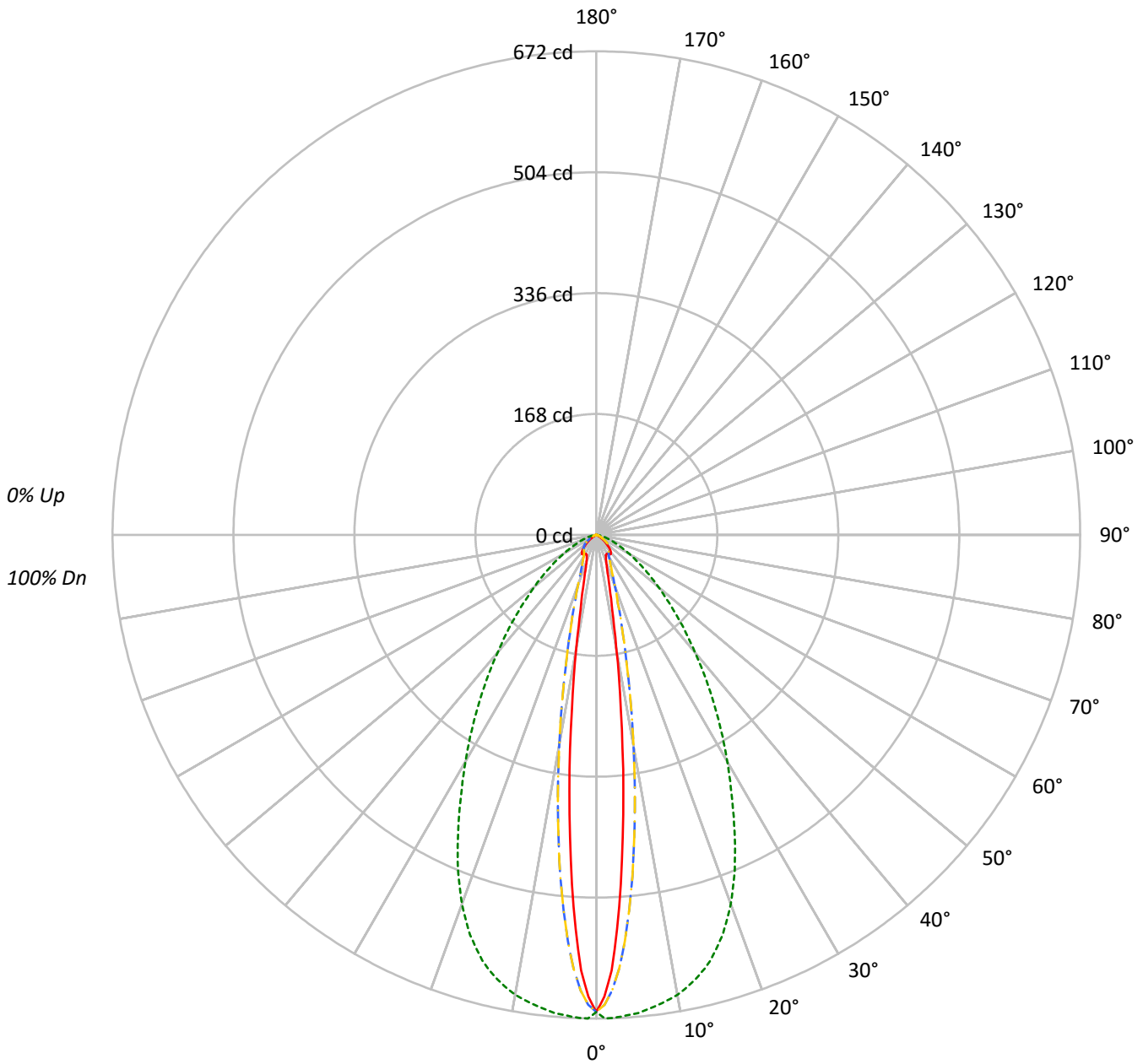
Input Watts (W): 8.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	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°	61115	61115	61115	61115
5°	37391	61559	37391	61559
10°	13756	60440	13756	60440
15°	5505	57951	5505	57951
20°	3295	52985	3295	52985
25°	2565	45551	2565	45551
30°	2511	38044	2511	38044
35°	2751	31256	2751	31256
40°	2637	24987	2637	24987
45°	2130	19828	2130	19828
50°	1483	15570	1483	15570
55°	928	12119	928	12119
60°	455	9276	455	9276
65°	274	6911	274	6911
70°	227	5109	227	5109
75°	162	3815	162	3815
80°	97	2408	97	2408
85°	110	1026	110	1026



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.6	15.0
10°-20°	65.4	22.0
20°-30°	57.8	19.5
30°-40°	49.4	16.6
40°-50°	38.6	13.0
50°-60°	23.9	8.0
60°-70°	11.3	3.8
70°-80°	4.4	1.5
80°-90°	1.2	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°	167.8	56.5
0°-40°	217.3	73.2
0°-60°	279.8	94.2
0°-90°	296.7	99.9
90°-120°	0.3	0.1
90°-150°	0.3	0.1
90°-180°	0.0	0.0
0°-180°	297.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	663	663	663	663	663	
5°	422	667	422	667	422	31
15°	65	612	65	612	65	20
25°	31	454	31	454	31	15
35°	33	284	33	284	33	20
45°	24	157	24	157	24	19
55°	10	79	10	79	10	9
65°	3	34	3	34	3	3
75°	1	12	1	12	1	1
85°	1	1	1	1	1	1
90°	1	0	1	0	1	0
95°	0	0	0	0	0	0
105°	0	0	0	0	0	0
115°	0	0	0	0	0	0
125°	0	0	0	0	0	0
135°	0	0	0	0	0	0
145°	0	0	0	0	0	0
155°	0	0	0	0	0	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	0



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	662.9	662.9	662.9	662.9	662.9	662.9	662.9	662.9	662.9	662.9	662.9
1°	641.7	642.4	641.1	640.4	641.7	642.4	643.1	646.4	649.7	651.0	653.0
2°	605.4	604.7	603.4	604.7	608.0	610.7	611.3	618.0	624.6	627.9	633.2
3°	548.6	552.5	551.9	554.5	559.8	565.7	565.7	576.3	586.9	593.5	603.4
4°	486.4	490.4	490.4	495.0	503.0	507.6	511.5	525.4	540.0	549.9	565.7
5°	421.7	425.0	426.3	432.2	442.1	448.1	452.1	469.9	488.4	502.3	523.4
6°	358.2	360.9	362.8	369.4	381.3	388.0	393.2	412.4	434.2	451.4	477.8
7°	298.7	301.4	303.4	310.6	323.2	330.5	336.4	356.9	380.0	400.5	430.3
8°	245.2	248.5	250.5	257.8	270.3	277.6	284.2	304.7	329.1	351.6	384.0
9°	199.6	202.2	204.2	211.5	223.4	230.7	237.3	257.1	281.5	305.3	339.0
10°	159.9	162.6	164.6	174.5	183.7	190.3	196.3	214.8	238.6	263.0	296.7
11°	129.5	132.2	134.2	141.4	149.4	154.7	161.3	179.1	200.9	225.4	257.8
12°	106.4	108.4	111.0	116.3	123.6	129.5	133.5	148.0	168.5	191.7	222.7
13°	90.5	90.5	92.5	96.5	103.1	107.7	111.7	124.3	141.4	162.6	191.7
14°	76.7	76.0	78.6	82.0	87.2	90.5	93.2	105.1	120.3	138.8	164.6
15°	65.4	65.4	67.4	70.1	74.0	77.3	80.0	89.2	102.4	119.0	141.4
17.5°	48.9	48.9	50.2	51.6	54.2	56.2	58.2	63.4	72.0	83.3	99.8
20°	39.7	39.7	40.3	41.0	43.0	44.3	45.6	48.9	54.9	62.1	74.0
22.5°	34.4	34.4	35.0	35.0	36.4	37.0	38.3	40.3	44.3	48.9	57.5
25°	31.1	31.1	31.7	31.7	32.4	33.0	33.7	35.0	37.7	41.0	46.9
27.5°	30.4	30.4	30.4	30.4	30.4	30.4	31.1	31.7	33.0	35.7	40.3
30°	30.4	30.4	30.4	29.7	29.7	29.7	29.7	29.7	30.4	32.4	35.0
32.5°	31.7	31.7	31.7	31.1	29.7	29.7	29.1	29.1	29.1	29.7	31.7
35°	33.0	33.0	32.4	31.7	31.1	30.4	29.7	29.1	28.4	28.4	29.7
37.5°	33.0	33.0	32.4	32.4	31.1	31.1	30.4	29.1	27.8	27.8	27.8
40°	31.1	31.1	31.1	31.1	30.4	30.4	29.7	29.1	27.8	27.1	27.1
42.5°	28.4	28.4	28.4	28.4	28.4	28.4	27.8	27.8	27.1	26.4	25.8
45°	24.5	24.5	24.5	25.1	25.1	25.1	25.8	25.8	25.1	25.1	25.1
47.5°	20.5	20.5	20.5	21.1	21.8	21.8	21.8	22.5	23.1	23.1	23.1
50°	16.5	16.5	17.2	17.2	17.8	17.8	18.5	19.2	19.8	20.5	21.1
52.5°	13.2	13.2	13.2	13.9	14.5	14.5	15.2	15.9	17.2	17.8	19.2
55°	9.9	9.9	9.9	10.6	11.2	11.2	11.9	12.6	13.9	15.2	15.9
57.5°	6.6	7.3	7.3	7.3	7.9	8.6	8.6	9.9	10.6	12.6	13.2
60°	4.6	4.6	5.3	5.3	5.9	5.9	6.6	7.3	7.9	9.3	10.6
62.5°	3.3	3.3	3.3	4.0	4.0	4.6	4.6	5.3	5.9	7.3	8.6
65°	2.6	2.6	2.6	2.6	3.3	3.3	3.3	4.0	4.6	5.3	6.6
67.5°	2.0	2.0	2.0	2.6	2.6	2.6	2.6	2.6	3.3	4.0	4.6
70°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.6	2.6	3.3	3.3
72.5°	1.3	1.3	1.3	1.3	2.0	2.0	2.0	2.0	2.0	2.0	2.6
75°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	2.0	2.0	2.0
77.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	2.0
80°	0.7	0.7	0.7	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
82.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.3	1.3	1.3
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°	662.9	662.9	662.9	662.9	662.9	662.9	662.9	662.9	662.9	662.9	662.9
1°	656.3	657.6	659.6	663.6	664.2	664.9	666.2	667.5	670.8	672.1	670.8
2°	639.8	643.7	649.7	656.3	656.9	659.6	662.9	665.5	669.5	671.5	669.5
3°	614.6	623.2	633.2	645.0	647.0	651.0	657.6	662.9	668.2	670.2	668.2
4°	582.3	595.5	611.3	628.5	633.2	639.1	649.7	658.3	665.5	668.2	665.5
5°	544.6	563.8	585.6	608.7	616.6	625.2	641.1	653.0	662.9	666.9	662.9
6°	503.6	528.7	556.5	586.2	596.8	609.4	630.5	645.7	658.9	663.6	658.9
7°	458.0	490.4	524.8	561.1	575.0	590.2	618.0	638.4	654.3	660.3	654.3
8°	415.1	452.1	491.7	534.7	551.2	570.4	604.1	630.5	649.7	656.9	649.7
9°	372.8	413.1	458.0	506.3	526.7	549.2	588.9	620.6	644.4	653.0	644.4
10°	332.4	377.4	423.6	477.2	499.6	526.1	573.0	610.7	637.8	649.0	637.8
11°	294.1	340.4	389.9	445.5	472.6	502.3	555.2	599.4	630.5	643.1	630.5
12°	259.7	306.0	356.9	416.4	445.5	477.8	536.7	586.9	622.6	636.5	622.6
13°	228.0	273.6	325.2	386.0	418.4	453.4	517.5	573.7	613.3	629.2	613.3
14°	200.3	243.9	296.1	358.2	391.9	429.6	498.3	559.8	604.1	621.3	604.1
15°	173.8	216.8	268.3	331.8	367.5	405.1	478.5	544.6	592.8	612.0	592.8
17.5°	124.3	159.3	208.2	271.0	306.7	347.6	427.6	504.3	561.1	582.9	561.1
20°	91.9	119.6	159.9	219.4	254.5	292.1	377.4	460.0	521.5	545.9	521.5
22.5°	70.7	91.9	124.9	178.4	210.2	247.2	330.5	414.4	477.2	502.3	477.2
25°	56.8	73.4	99.8	144.7	173.8	209.5	288.2	369.4	430.3	454.0	430.3
27.5°	47.6	60.1	82.0	120.3	146.1	178.4	252.5	327.2	384.7	406.5	384.7
30°	41.0	50.9	69.4	102.4	125.6	154.0	222.1	289.5	342.4	363.5	342.4
32.5°	36.4	44.3	60.1	89.2	110.4	134.8	195.6	255.8	303.4	322.5	303.4
35°	32.4	39.7	52.9	79.3	97.8	120.3	171.8	224.0	265.7	283.5	265.7
37.5°	30.4	35.7	47.6	71.4	87.9	107.1	150.7	195.0	230.7	247.2	230.7
40°	28.4	33.0	43.6	64.8	79.3	95.8	132.2	166.5	198.9	212.8	198.9
42.5°	26.4	30.4	39.7	58.8	71.4	85.3	113.7	142.8	170.5	183.7	170.5
45°	25.8	28.4	37.0	52.9	64.1	75.3	98.5	122.3	145.4	156.6	145.4
47.5°	23.8	26.4	33.7	47.6	56.2	65.4	83.9	104.4	123.6	132.8	123.6
50°	21.8	24.5	31.1	42.3	49.6	56.2	71.4	88.6	105.1	112.4	105.1
52.5°	19.8	22.5	27.8	37.0	42.3	48.2	60.1	74.7	88.6	94.5	88.6
55°	17.2	19.8	24.5	31.7	36.4	40.3	50.2	62.1	73.4	78.6	73.4
57.5°	15.2	17.2	21.1	27.1	30.4	33.7	41.6	51.6	60.8	64.8	60.8
60°	12.6	14.5	17.8	22.5	25.1	27.8	34.4	42.3	49.6	52.9	49.6
62.5°	9.9	11.9	14.5	18.5	20.5	23.1	27.8	34.4	40.3	42.3	40.3
65°	7.9	9.3	11.9	15.2	17.2	18.5	22.5	27.8	31.7	33.7	31.7
67.5°	5.9	7.3	9.3	11.9	13.9	15.2	18.5	21.8	25.1	27.1	25.1
70°	4.6	5.3	7.3	9.3	10.6	11.9	14.5	17.2	19.8	20.5	19.8
72.5°	3.3	4.0	5.3	7.3	7.9	9.3	11.2	13.2	15.2	15.9	15.2
75°	2.6	3.3	4.0	5.3	5.9	7.3	8.6	9.9	11.2	11.9	11.2
77.5°	2.0	2.6	3.3	4.0	4.6	5.3	5.9	7.3	7.9	8.6	7.9
80°	1.3	2.0	2.0	2.6	3.3	3.3	4.6	4.6	5.3	5.3	5.3
82.5°	1.3	1.3	1.3	2.0	2.0	2.6	2.6	3.3	3.3	3.3	3.3
85°	0.7	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
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: P273496

CATALOG NUMBER: 0.10-3W-830-10-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: P273496

CATALOG NUMBER: 0.10-3W-830-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	662.9	662.9	662.9	662.9	662.9	662.9	662.9	662.9	662.9	662.9	662.9
1°	667.5	666.2	664.9	664.2	663.6	659.6	657.6	656.3	653.0	651.0	649.7
2°	665.5	662.9	659.6	656.9	656.3	649.7	643.7	639.8	633.2	627.9	624.6
3°	662.9	657.6	651.0	647.0	645.0	633.2	623.2	614.6	603.4	593.5	586.9
4°	658.3	649.7	639.1	633.2	628.5	611.3	595.5	582.3	565.7	549.9	540.0
5°	653.0	641.1	625.2	616.6	608.7	585.6	563.8	544.6	523.4	502.3	488.4
6°	645.7	630.5	609.4	596.8	586.2	556.5	528.7	503.6	477.8	451.4	434.2
7°	638.4	618.0	590.2	575.0	561.1	524.8	490.4	458.0	430.3	400.5	380.0
8°	630.5	604.1	570.4	551.2	534.7	491.7	452.1	415.1	384.0	351.6	329.1
9°	620.6	588.9	549.2	526.7	506.3	458.0	413.1	372.8	339.0	305.3	281.5
10°	610.7	573.0	526.1	499.6	477.2	423.6	377.4	332.4	296.7	263.0	238.6
11°	599.4	555.2	502.3	472.6	445.5	389.9	340.4	294.1	257.8	225.4	200.9
12°	586.9	536.7	477.8	445.5	416.4	356.9	306.0	259.7	222.7	191.7	168.5
13°	573.7	517.5	453.4	418.4	386.0	325.2	273.6	228.0	191.7	162.6	141.4
14°	559.8	498.3	429.6	391.9	358.2	296.1	243.9	200.3	164.6	138.8	120.3
15°	544.6	478.5	405.1	367.5	331.8	268.3	216.8	173.8	141.4	119.0	102.4
17.5°	504.3	427.6	347.6	306.7	271.0	208.2	159.3	124.3	99.8	83.3	72.0
20°	460.0	377.4	292.1	254.5	219.4	159.9	119.6	91.9	74.0	62.1	54.9
22.5°	414.4	330.5	247.2	210.2	178.4	124.9	91.9	70.7	57.5	48.9	44.3
25°	369.4	288.2	209.5	173.8	144.7	99.8	73.4	56.8	46.9	41.0	37.7
27.5°	327.2	252.5	178.4	146.1	120.3	82.0	60.1	47.6	40.3	35.7	33.0
30°	289.5	222.1	154.0	125.6	102.4	69.4	50.9	41.0	35.0	32.4	30.4
32.5°	255.8	195.6	134.8	110.4	89.2	60.1	44.3	36.4	31.7	29.7	29.1
35°	224.0	171.8	120.3	97.8	79.3	52.9	39.7	32.4	29.7	28.4	28.4
37.5°	195.0	150.7	107.1	87.9	71.4	47.6	35.7	30.4	27.8	27.8	27.8
40°	166.5	132.2	95.8	79.3	64.8	43.6	33.0	28.4	27.1	27.1	27.8
42.5°	142.8	113.7	85.3	71.4	58.8	39.7	30.4	26.4	25.8	26.4	27.1
45°	122.3	98.5	75.3	64.1	52.9	37.0	28.4	25.8	25.1	25.1	25.1
47.5°	104.4	83.9	65.4	56.2	47.6	33.7	26.4	23.8	23.1	23.1	23.1
50°	88.6	71.4	56.2	49.6	42.3	31.1	24.5	21.8	21.1	20.5	19.8
52.5°	74.7	60.1	48.2	42.3	37.0	27.8	22.5	19.8	19.2	17.8	17.2
55°	62.1	50.2	40.3	36.4	31.7	24.5	19.8	17.2	15.9	15.2	13.9
57.5°	51.6	41.6	33.7	30.4	27.1	21.1	17.2	15.2	13.2	12.6	10.6
60°	42.3	34.4	27.8	25.1	22.5	17.8	14.5	12.6	10.6	9.3	7.9
62.5°	34.4	27.8	23.1	20.5	18.5	14.5	11.9	9.9	8.6	7.3	5.9
65°	27.8	22.5	18.5	17.2	15.2	11.9	9.3	7.9	6.6	5.3	4.6
67.5°	21.8	18.5	15.2	13.9	11.9	9.3	7.3	5.9	4.6	4.0	3.3
70°	17.2	14.5	11.9	10.6	9.3	7.3	5.3	4.6	3.3	3.3	2.6
72.5°	13.2	11.2	9.3	7.9	7.3	5.3	4.0	3.3	2.6	2.0	2.0
75°	9.9	8.6	7.3	5.9	5.3	4.0	3.3	2.6	2.0	2.0	2.0
77.5°	7.3	5.9	5.3	4.6	4.0	3.3	2.6	2.0	2.0	1.3	1.3
80°	4.6	4.6	3.3	3.3	2.6	2.0	2.0	1.3	1.3	1.3	1.3
82.5°	3.3	2.6	2.6	2.0	2.0	1.3	1.3	1.3	1.3	1.3	1.3
85°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	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: P273496

CATALOG NUMBER: 0.10-3W-830-10-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: P273496

CATALOG NUMBER: 0.10-3W-830-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	662.9	662.9	662.9	662.9	662.9	662.9	662.9	662.9	662.9	662.9	662.9
1°	646.4	643.1	642.4	641.7	640.4	641.1	642.4	641.7	642.4	641.1	640.4
2°	618.0	611.3	610.7	608.0	604.7	603.4	604.7	605.4	604.7	603.4	604.7
3°	576.3	565.7	565.7	559.8	554.5	551.9	552.5	548.6	552.5	551.9	554.5
4°	525.4	511.5	507.6	503.0	495.0	490.4	490.4	486.4	490.4	490.4	495.0
5°	469.9	452.1	448.1	442.1	432.2	426.3	425.0	421.7	425.0	426.3	432.2
6°	412.4	393.2	388.0	381.3	369.4	362.8	360.9	358.2	360.9	362.8	369.4
7°	356.9	336.4	330.5	323.2	310.6	303.4	301.4	298.7	301.4	303.4	310.6
8°	304.7	284.2	277.6	270.3	257.8	250.5	248.5	245.2	248.5	250.5	257.8
9°	257.1	237.3	230.7	223.4	211.5	204.2	202.2	199.6	202.2	204.2	211.5
10°	214.8	196.3	190.3	183.7	174.5	164.6	162.6	159.9	162.6	164.6	174.5
11°	179.1	161.3	154.7	149.4	141.4	134.2	132.2	129.5	132.2	134.2	141.4
12°	148.0	133.5	129.5	123.6	116.3	111.0	108.4	106.4	108.4	111.0	116.3
13°	124.3	111.7	107.7	103.1	96.5	92.5	90.5	90.5	90.5	92.5	96.5
14°	105.1	93.2	90.5	87.2	82.0	78.6	76.0	76.7	76.0	78.6	82.0
15°	89.2	80.0	77.3	74.0	70.1	67.4	65.4	65.4	65.4	67.4	70.1
17.5°	63.4	58.2	56.2	54.2	51.6	50.2	48.9	48.9	48.9	50.2	51.6
20°	48.9	45.6	44.3	43.0	41.0	40.3	39.7	39.7	39.7	40.3	41.0
22.5°	40.3	38.3	37.0	36.4	35.0	35.0	34.4	34.4	34.4	35.0	35.0
25°	35.0	33.7	33.0	32.4	31.7	31.7	31.1	31.1	31.1	31.7	31.7
27.5°	31.7	31.1	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
30°	29.7	29.7	29.7	29.7	29.7	30.4	30.4	30.4	30.4	30.4	29.7
32.5°	29.1	29.1	29.7	29.7	31.1	31.7	31.7	31.7	31.7	31.7	31.1
35°	29.1	29.7	30.4	31.1	31.7	32.4	33.0	33.0	33.0	32.4	31.7
37.5°	29.1	30.4	31.1	31.1	32.4	32.4	33.0	33.0	33.0	32.4	32.4
40°	29.1	29.7	30.4	30.4	31.1	31.1	31.1	31.1	31.1	31.1	31.1
42.5°	27.8	27.8	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
45°	25.8	25.8	25.1	25.1	25.1	24.5	24.5	24.5	24.5	24.5	25.1
47.5°	22.5	21.8	21.8	21.8	21.1	20.5	20.5	20.5	20.5	20.5	21.1
50°	19.2	18.5	17.8	17.8	17.2	17.2	16.5	16.5	16.5	17.2	17.2
52.5°	15.9	15.2	14.5	14.5	13.9	13.2	13.2	13.2	13.2	13.2	13.9
55°	12.6	11.9	11.2	11.2	10.6	9.9	9.9	9.9	9.9	9.9	10.6
57.5°	9.9	8.6	8.6	7.9	7.3	7.3	7.3	6.6	7.3	7.3	7.3
60°	7.3	6.6	5.9	5.9	5.3	5.3	4.6	4.6	4.6	5.3	5.3
62.5°	5.3	4.6	4.6	4.0	4.0	3.3	3.3	3.3	3.3	3.3	4.0
65°	4.0	3.3	3.3	3.3	2.6	2.6	2.6	2.6	2.6	2.6	2.6
67.5°	2.6	2.6	2.6	2.6	2.6	2.0	2.0	2.0	2.0	2.0	2.6
70°	2.6	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
72.5°	2.0	2.0	2.0	2.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3
75°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
77.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
80°	1.3	1.3	1.3	1.3	1.3	0.7	0.7	0.7	0.7	0.7	1.3
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: P273496

CATALOG NUMBER: 0.10-3W-830-10-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: P273496

CATALOG NUMBER: 0.10-3W-830-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	662.9	662.9	662.9	662.9	662.9	662.9	662.9	662.9	662.9	662.9	662.9
1°	641.7	642.4	643.1	646.4	649.7	651.0	653.0	656.3	657.6	659.6	663.6
2°	608.0	610.7	611.3	618.0	624.6	627.9	633.2	639.8	643.7	649.7	656.3
3°	559.8	565.7	565.7	576.3	586.9	593.5	603.4	614.6	623.2	633.2	645.0
4°	503.0	507.6	511.5	525.4	540.0	549.9	565.7	582.3	595.5	611.3	628.5
5°	442.1	448.1	452.1	469.9	488.4	502.3	523.4	544.6	563.8	585.6	608.7
6°	381.3	388.0	393.2	412.4	434.2	451.4	477.8	503.6	528.7	556.5	586.2
7°	323.2	330.5	336.4	356.9	380.0	400.5	430.3	458.0	490.4	524.8	561.1
8°	270.3	277.6	284.2	304.7	329.1	351.6	384.0	415.1	452.1	491.7	534.7
9°	223.4	230.7	237.3	257.1	281.5	305.3	339.0	372.8	413.1	458.0	506.3
10°	183.7	190.3	196.3	214.8	238.6	263.0	296.7	332.4	377.4	423.6	477.2
11°	149.4	154.7	161.3	179.1	200.9	225.4	257.8	294.1	340.4	389.9	445.5
12°	123.6	129.5	133.5	148.0	168.5	191.7	222.7	259.7	306.0	356.9	416.4
13°	103.1	107.7	111.7	124.3	141.4	162.6	191.7	228.0	273.6	325.2	386.0
14°	87.2	90.5	93.2	105.1	120.3	138.8	164.6	200.3	243.9	296.1	358.2
15°	74.0	77.3	80.0	89.2	102.4	119.0	141.4	173.8	216.8	268.3	331.8
17.5°	54.2	56.2	58.2	63.4	72.0	83.3	99.8	124.3	159.3	208.2	271.0
20°	43.0	44.3	45.6	48.9	54.9	62.1	74.0	91.9	119.6	159.9	219.4
22.5°	36.4	37.0	38.3	40.3	44.3	48.9	57.5	70.7	91.9	124.9	178.4
25°	32.4	33.0	33.7	35.0	37.7	41.0	46.9	56.8	73.4	99.8	144.7
27.5°	30.4	30.4	31.1	31.7	33.0	35.7	40.3	47.6	60.1	82.0	120.3
30°	29.7	29.7	29.7	29.7	30.4	32.4	35.0	41.0	50.9	69.4	102.4
32.5°	29.7	29.7	29.1	29.1	29.1	29.7	31.7	36.4	44.3	60.1	89.2
35°	31.1	30.4	29.7	29.1	28.4	28.4	29.7	32.4	39.7	52.9	79.3
37.5°	31.1	31.1	30.4	29.1	27.8	27.8	27.8	30.4	35.7	47.6	71.4
40°	30.4	30.4	29.7	29.1	27.8	27.1	27.1	28.4	33.0	43.6	64.8
42.5°	28.4	28.4	27.8	27.8	27.1	26.4	25.8	26.4	30.4	39.7	58.8
45°	25.1	25.1	25.8	25.8	25.1	25.1	25.1	25.8	28.4	37.0	52.9
47.5°	21.8	21.8	21.8	22.5	23.1	23.1	23.1	23.8	26.4	33.7	47.6
50°	17.8	17.8	18.5	19.2	19.8	20.5	21.1	21.8	24.5	31.1	42.3
52.5°	14.5	14.5	15.2	15.9	17.2	17.8	19.2	19.8	22.5	27.8	37.0
55°	11.2	11.2	11.9	12.6	13.9	15.2	15.9	17.2	19.8	24.5	31.7
57.5°	7.9	8.6	8.6	9.9	10.6	12.6	13.2	15.2	17.2	21.1	27.1
60°	5.9	5.9	6.6	7.3	7.9	9.3	10.6	12.6	14.5	17.8	22.5
62.5°	4.0	4.6	4.6	5.3	5.9	7.3	8.6	9.9	11.9	14.5	18.5
65°	3.3	3.3	3.3	4.0	4.6	5.3	6.6	7.9	9.3	11.9	15.2
67.5°	2.6	2.6	2.6	2.6	3.3	4.0	4.6	5.9	7.3	9.3	11.9
70°	2.0	2.0	2.0	2.6	2.6	3.3	3.3	4.6	5.3	7.3	9.3
72.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.6	3.3	4.0	5.3	7.3
75°	1.3	1.3	1.3	1.3	2.0	2.0	2.0	2.6	3.3	4.0	5.3
77.5°	1.3	1.3	1.3	1.3	1.3	1.3	2.0	2.0	2.6	3.3	4.0
80°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	2.0	2.0	2.6
82.5°	0.7	0.7	0.7	0.7	1.3	1.3	1.3	1.3	1.3	1.3	2.0
85°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.3	1.3	1.3
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: P273496

CATALOG NUMBER: 0.10-3W-830-10-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: P273496

CATALOG NUMBER: 0.10-3W-830-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	662.9	662.9	662.9	662.9	662.9	662.9	662.9	662.9	662.9	662.9	662.9
1°	664.2	664.9	666.2	667.5	670.8	672.1	670.8	667.5	666.2	664.9	664.2
2°	656.9	659.6	662.9	665.5	669.5	671.5	669.5	665.5	662.9	659.6	656.9
3°	647.0	651.0	657.6	662.9	668.2	670.2	668.2	662.9	657.6	651.0	647.0
4°	633.2	639.1	649.7	658.3	665.5	668.2	665.5	658.3	649.7	639.1	633.2
5°	616.6	625.2	641.1	653.0	662.9	666.9	662.9	653.0	641.1	625.2	616.6
6°	596.8	609.4	630.5	645.7	658.9	663.6	658.9	645.7	630.5	609.4	596.8
7°	575.0	590.2	618.0	638.4	654.3	660.3	654.3	638.4	618.0	590.2	575.0
8°	551.2	570.4	604.1	630.5	649.7	656.9	649.7	630.5	604.1	570.4	551.2
9°	526.7	549.2	588.9	620.6	644.4	653.0	644.4	620.6	588.9	549.2	526.7
10°	499.6	526.1	573.0	610.7	637.8	649.0	637.8	610.7	573.0	526.1	499.6
11°	472.6	502.3	555.2	599.4	630.5	643.1	630.5	599.4	555.2	502.3	472.6
12°	445.5	477.8	536.7	586.9	622.6	636.5	622.6	586.9	536.7	477.8	445.5
13°	418.4	453.4	517.5	573.7	613.3	629.2	613.3	573.7	517.5	453.4	418.4
14°	391.9	429.6	498.3	559.8	604.1	621.3	604.1	559.8	498.3	429.6	391.9
15°	367.5	405.1	478.5	544.6	592.8	612.0	592.8	544.6	478.5	405.1	367.5
17.5°	306.7	347.6	427.6	504.3	561.1	582.9	561.1	504.3	427.6	347.6	306.7
20°	254.5	292.1	377.4	460.0	521.5	545.9	521.5	460.0	377.4	292.1	254.5
22.5°	210.2	247.2	330.5	414.4	477.2	502.3	477.2	414.4	330.5	247.2	210.2
25°	173.8	209.5	288.2	369.4	430.3	454.0	430.3	369.4	288.2	209.5	173.8
27.5°	146.1	178.4	252.5	327.2	384.7	406.5	384.7	327.2	252.5	178.4	146.1
30°	125.6	154.0	222.1	289.5	342.4	363.5	342.4	289.5	222.1	154.0	125.6
32.5°	110.4	134.8	195.6	255.8	303.4	322.5	303.4	255.8	195.6	134.8	110.4
35°	97.8	120.3	171.8	224.0	265.7	283.5	265.7	224.0	171.8	120.3	97.8
37.5°	87.9	107.1	150.7	195.0	230.7	247.2	230.7	195.0	150.7	107.1	87.9
40°	79.3	95.8	132.2	166.5	198.9	212.8	198.9	166.5	132.2	95.8	79.3
42.5°	71.4	85.3	113.7	142.8	170.5	183.7	170.5	142.8	113.7	85.3	71.4
45°	64.1	75.3	98.5	122.3	145.4	156.6	145.4	122.3	98.5	75.3	64.1
47.5°	56.2	65.4	83.9	104.4	123.6	132.8	123.6	104.4	83.9	65.4	56.2
50°	49.6	56.2	71.4	88.6	105.1	112.4	105.1	88.6	71.4	56.2	49.6
52.5°	42.3	48.2	60.1	74.7	88.6	94.5	88.6	74.7	60.1	48.2	42.3
55°	36.4	40.3	50.2	62.1	73.4	78.6	73.4	62.1	50.2	40.3	36.4
57.5°	30.4	33.7	41.6	51.6	60.8	64.8	60.8	51.6	41.6	33.7	30.4
60°	25.1	27.8	34.4	42.3	49.6	52.9	49.6	42.3	34.4	27.8	25.1
62.5°	20.5	23.1	27.8	34.4	40.3	42.3	40.3	34.4	27.8	23.1	20.5
65°	17.2	18.5	22.5	27.8	31.7	33.7	31.7	27.8	22.5	18.5	17.2
67.5°	13.9	15.2	18.5	21.8	25.1	27.1	25.1	21.8	18.5	15.2	13.9
70°	10.6	11.9	14.5	17.2	19.8	20.5	19.8	17.2	14.5	11.9	10.6
72.5°	7.9	9.3	11.2	13.2	15.2	15.9	15.2	13.2	11.2	9.3	7.9
75°	5.9	7.3	8.6	9.9	11.2	11.9	11.2	9.9	8.6	7.3	5.9
77.5°	4.6	5.3	5.9	7.3	7.9	8.6	7.9	7.3	5.9	5.3	4.6
80°	3.3	3.3	4.6	4.6	5.3	5.3	5.3	4.6	4.6	3.3	3.3
82.5°	2.0	2.6	2.6	3.3	3.3	3.3	3.3	3.3	2.6	2.6	2.0
85°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
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: P273496

CATALOG NUMBER: 0.10-3W-830-10-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: P273496

CATALOG NUMBER: 0.10-3W-830-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	662.9	662.9	662.9	662.9	662.9	662.9	662.9	662.9	662.9	662.9	662.9
1°	663.6	659.6	657.6	656.3	653.0	651.0	649.7	646.4	643.1	642.4	641.7
2°	656.3	649.7	643.7	639.8	633.2	627.9	624.6	618.0	611.3	610.7	608.0
3°	645.0	633.2	623.2	614.6	603.4	593.5	586.9	576.3	565.7	565.7	559.8
4°	628.5	611.3	595.5	582.3	565.7	549.9	540.0	525.4	511.5	507.6	503.0
5°	608.7	585.6	563.8	544.6	523.4	502.3	488.4	469.9	452.1	448.1	442.1
6°	586.2	556.5	528.7	503.6	477.8	451.4	434.2	412.4	393.2	388.0	381.3
7°	561.1	524.8	490.4	458.0	430.3	400.5	380.0	356.9	336.4	330.5	323.2
8°	534.7	491.7	452.1	415.1	384.0	351.6	329.1	304.7	284.2	277.6	270.3
9°	506.3	458.0	413.1	372.8	339.0	305.3	281.5	257.1	237.3	230.7	223.4
10°	477.2	423.6	377.4	332.4	296.7	263.0	238.6	214.8	196.3	190.3	183.7
11°	445.5	389.9	340.4	294.1	257.8	225.4	200.9	179.1	161.3	154.7	149.4
12°	416.4	356.9	306.0	259.7	222.7	191.7	168.5	148.0	133.5	129.5	123.6
13°	386.0	325.2	273.6	228.0	191.7	162.6	141.4	124.3	111.7	107.7	103.1
14°	358.2	296.1	243.9	200.3	164.6	138.8	120.3	105.1	93.2	90.5	87.2
15°	331.8	268.3	216.8	173.8	141.4	119.0	102.4	89.2	80.0	77.3	74.0
17.5°	271.0	208.2	159.3	124.3	99.8	83.3	72.0	63.4	58.2	56.2	54.2
20°	219.4	159.9	119.6	91.9	74.0	62.1	54.9	48.9	45.6	44.3	43.0
22.5°	178.4	124.9	91.9	70.7	57.5	48.9	44.3	40.3	38.3	37.0	36.4
25°	144.7	99.8	73.4	56.8	46.9	41.0	37.7	35.0	33.7	33.0	32.4
27.5°	120.3	82.0	60.1	47.6	40.3	35.7	33.0	31.7	31.1	30.4	30.4
30°	102.4	69.4	50.9	41.0	35.0	32.4	30.4	29.7	29.7	29.7	29.7
32.5°	89.2	60.1	44.3	36.4	31.7	29.7	29.1	29.1	29.1	29.7	29.7
35°	79.3	52.9	39.7	32.4	29.7	28.4	28.4	29.1	29.7	30.4	31.1
37.5°	71.4	47.6	35.7	30.4	27.8	27.8	27.8	29.1	30.4	31.1	31.1
40°	64.8	43.6	33.0	28.4	27.1	27.1	27.8	29.1	29.7	30.4	30.4
42.5°	58.8	39.7	30.4	26.4	25.8	26.4	27.1	27.8	27.8	28.4	28.4
45°	52.9	37.0	28.4	25.8	25.1	25.1	25.1	25.8	25.8	25.1	25.1
47.5°	47.6	33.7	26.4	23.8	23.1	23.1	23.1	22.5	21.8	21.8	21.8
50°	42.3	31.1	24.5	21.8	21.1	20.5	19.8	19.2	18.5	17.8	17.8
52.5°	37.0	27.8	22.5	19.8	19.2	17.8	17.2	15.9	15.2	14.5	14.5
55°	31.7	24.5	19.8	17.2	15.9	15.2	13.9	12.6	11.9	11.2	11.2
57.5°	27.1	21.1	17.2	15.2	13.2	12.6	10.6	9.9	8.6	8.6	7.9
60°	22.5	17.8	14.5	12.6	10.6	9.3	7.9	7.3	6.6	5.9	5.9
62.5°	18.5	14.5	11.9	9.9	8.6	7.3	5.9	5.3	4.6	4.6	4.0
65°	15.2	11.9	9.3	7.9	6.6	5.3	4.6	4.0	3.3	3.3	3.3
67.5°	11.9	9.3	7.3	5.9	4.6	4.0	3.3	2.6	2.6	2.6	2.6
70°	9.3	7.3	5.3	4.6	3.3	3.3	2.6	2.6	2.0	2.0	2.0
72.5°	7.3	5.3	4.0	3.3	2.6	2.0	2.0	2.0	2.0	2.0	2.0
75°	5.3	4.0	3.3	2.6	2.0	2.0	2.0	1.3	1.3	1.3	1.3
77.5°	4.0	3.3	2.6	2.0	2.0	1.3	1.3	1.3	1.3	1.3	1.3
80°	2.6	2.0	2.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
82.5°	2.0	1.3	1.3	1.3	1.3	1.3	1.3	0.7	0.7	0.7	0.7
85°	1.3	1.3	1.3	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: P273496

CATALOG NUMBER: 0.10-3W-830-10-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: P273496

CATALOG NUMBER: 0.10-3W-830-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	662.9	662.9	662.9	662.9
1°	640.4	641.1	642.4	641.7
2°	604.7	603.4	604.7	605.4
3°	554.5	551.9	552.5	548.6
4°	495.0	490.4	490.4	486.4
5°	432.2	426.3	425.0	421.7
6°	369.4	362.8	360.9	358.2
7°	310.6	303.4	301.4	298.7
8°	257.8	250.5	248.5	245.2
9°	211.5	204.2	202.2	199.6
10°	174.5	164.6	162.6	159.9
11°	141.4	134.2	132.2	129.5
12°	116.3	111.0	108.4	106.4
13°	96.5	92.5	90.5	90.5
14°	82.0	78.6	76.0	76.7
15°	70.1	67.4	65.4	65.4
17.5°	51.6	50.2	48.9	48.9
20°	41.0	40.3	39.7	39.7
22.5°	35.0	35.0	34.4	34.4
25°	31.7	31.7	31.1	31.1
27.5°	30.4	30.4	30.4	30.4
30°	29.7	30.4	30.4	30.4
32.5°	31.1	31.7	31.7	31.7
35°	31.7	32.4	33.0	33.0
37.5°	32.4	32.4	33.0	33.0
40°	31.1	31.1	31.1	31.1
42.5°	28.4	28.4	28.4	28.4
45°	25.1	24.5	24.5	24.5
47.5°	21.1	20.5	20.5	20.5
50°	17.2	17.2	16.5	16.5
52.5°	13.9	13.2	13.2	13.2
55°	10.6	9.9	9.9	9.9
57.5°	7.3	7.3	7.3	6.6
60°	5.3	5.3	4.6	4.6
62.5°	4.0	3.3	3.3	3.3
65°	2.6	2.6	2.6	2.6
67.5°	2.6	2.0	2.0	2.0
70°	2.0	2.0	2.0	2.0
72.5°	1.3	1.3	1.3	1.3
75°	1.3	1.3	1.3	1.3
77.5°	1.3	1.3	1.3	1.3
80°	1.3	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: P273496

CATALOG NUMBER: 0.10-3W-830-10-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)