

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: P273502

Luminaire Tested: **0.10-5W-827-10-OD-STD-UNV-AN-1F6**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P273502
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: 0.10-5W-827-10-OD-STD-UNV-AN-1F6
Description: iO LIGHTING SERIES 1.5 LINEAR LED LUMINAIRE, 10 DEGREE OPTIC.
VERY HIGH OUTPUT
Light Source: 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 420.1 lumens
Efficiency: N/A
Efficacy: 36.5 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

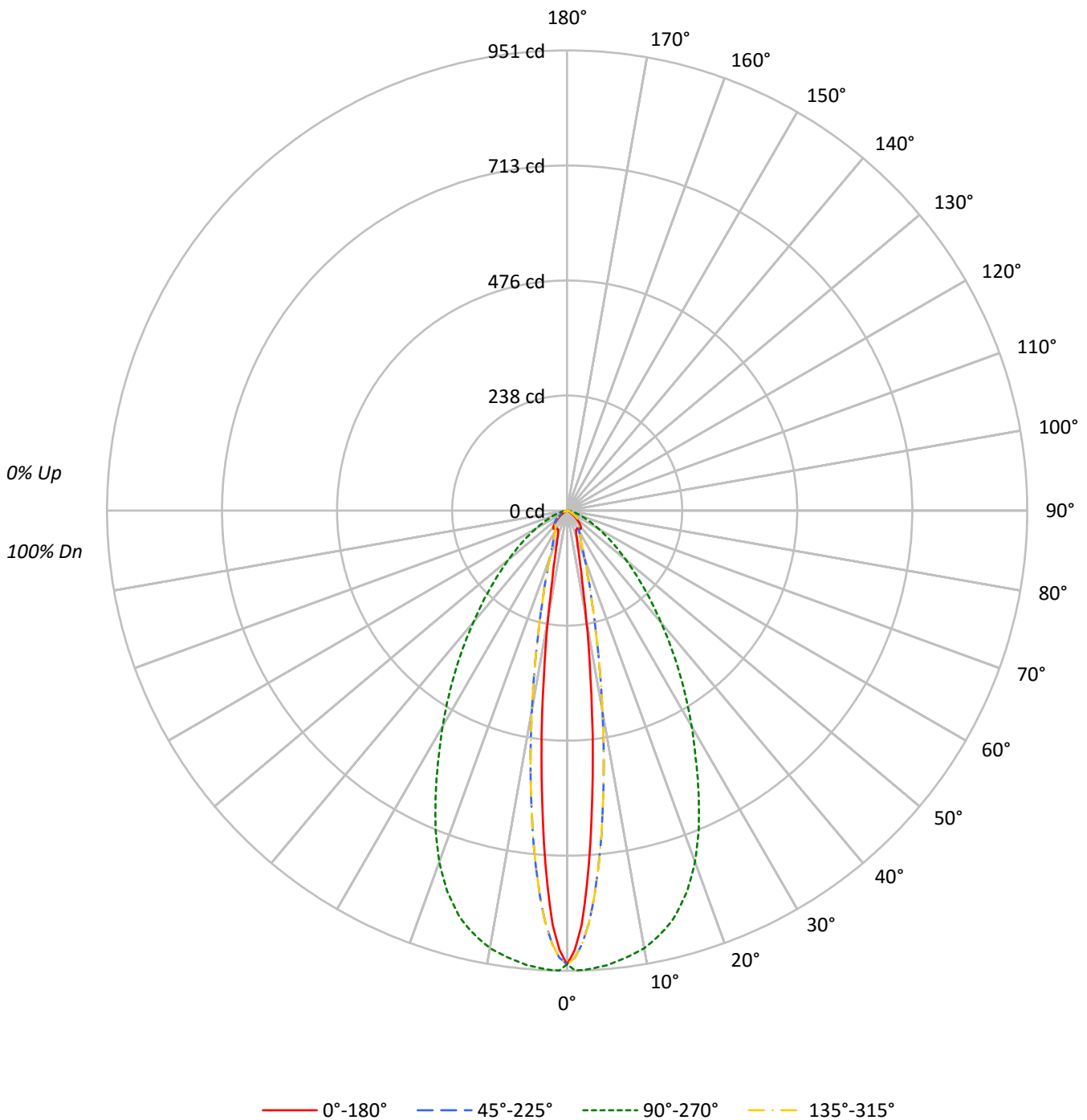
Input Watts (W): 11.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





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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	65	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°	86459	86459	86459	86459
5°	52890	87081	52890	87081
10°	19469	85510	19469	85510
15°	7794	81984	7794	81984
20°	4657	74959	4657	74959
25°	3621	64444	3621	64444
30°	3552	53826	3552	53826
35°	3901	44222	3901	44222
40°	3722	35355	3722	35355
45°	3007	28058	3007	28058
50°	2103	22024	2103	22024
55°	1313	17161	1313	17161
60°	642	13117	642	13117
65°	390	9782	390	9782
70°	318	7227	318	7227
75°	236	5386	236	5386
80°	125	3407	125	3407
85°	142	1500	142	1500



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.2	15.0
10°-20°	92.5	22.0
20°-30°	81.8	19.5
30°-40°	69.9	16.7
40°-50°	54.7	13.0
50°-60°	33.8	8.0
60°-70°	15.9	3.8
70°-80°	6.3	1.5
80°-90°	1.7	0.4
90°-100°	0.4	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°	237.4	56.5
0°-40°	307.4	73.2
0°-60°	395.8	94.2
0°-90°	419.7	99.9
90°-120°	0.4	0.1
90°-150°	0.4	0.1
90°-180°	0.0	0.0
0°-180°	420.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	938	938	938	938	938	
5°	596	943	596	943	596	45
15°	93	866	93	866	93	29
25°	44	642	44	642	44	21
35°	47	401	47	401	47	29
45°	35	222	35	222	35	26
55°	14	111	14	111	14	13
65°	4	48	4	48	4	4
75°	2	17	2	17	2	2
85°	1	2	1	2	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°	937.8	937.8	937.8	937.8	937.8	937.8	937.8	937.8	937.8	937.8	937.8
1°	907.9	908.8	907.0	906.0	907.9	908.8	909.8	914.4	919.1	921.0	923.8
2°	856.5	855.5	853.7	855.5	860.2	863.9	864.9	874.2	883.6	888.3	895.7
3°	776.1	781.7	780.7	784.5	791.9	800.4	800.4	815.3	830.3	839.6	853.7
4°	688.2	693.8	693.8	700.3	711.5	718.1	723.7	743.3	763.9	777.9	800.4
5°	596.5	601.2	603.1	611.5	625.5	633.9	639.5	664.8	691.0	710.6	740.5
6°	506.8	510.5	513.3	522.7	539.5	548.8	556.3	583.4	614.3	638.6	676.0
7°	422.6	426.4	429.2	439.5	457.2	467.5	475.9	504.9	537.6	566.6	608.7
8°	346.9	351.6	354.4	364.7	382.4	392.7	402.1	431.0	465.6	497.4	543.2
9°	282.4	286.1	288.9	299.2	316.0	326.3	335.7	363.7	398.3	432.0	479.7
10°	226.3	230.0	232.8	246.8	259.9	269.3	277.7	303.9	337.5	372.1	419.8
11°	183.3	187.0	189.8	200.1	211.3	218.8	228.1	253.4	284.2	318.8	364.7
12°	150.5	153.3	157.1	164.6	174.8	183.3	188.9	209.4	238.4	271.2	315.1
13°	128.1	128.1	130.9	136.5	145.9	152.4	158.0	175.8	200.1	230.0	271.2
14°	108.5	107.5	111.3	115.9	123.4	128.1	131.8	148.7	170.2	196.4	232.8
15°	92.6	92.6	95.4	99.1	104.7	109.4	113.1	126.2	144.9	168.3	200.1
17.5°	69.2	69.2	71.1	72.9	76.7	79.5	82.3	89.8	101.9	117.8	141.2
20°	56.1	56.1	57.0	58.0	60.8	62.6	64.5	69.2	77.6	87.9	104.7
22.5°	48.6	48.6	49.6	49.6	51.4	52.4	54.2	57.0	62.6	69.2	81.3
25°	43.9	43.9	44.9	44.9	45.8	46.8	47.7	49.6	53.3	58.0	66.4
27.5°	43.0	43.0	43.0	43.0	43.0	43.0	43.9	44.9	46.8	50.5	57.0
30°	43.0	43.0	43.0	42.1	42.1	42.1	42.1	42.1	43.0	45.8	49.6
32.5°	44.9	44.9	44.9	43.9	42.1	42.1	41.1	41.1	41.1	42.1	44.9
35°	46.8	46.8	45.8	44.9	43.9	43.0	42.1	41.1	40.2	40.2	42.1
37.5°	46.8	46.8	45.8	45.8	43.9	43.9	43.0	41.1	39.3	39.3	39.3
40°	43.9	43.9	43.9	43.9	43.0	43.0	42.1	41.1	39.3	38.3	38.3
42.5°	40.2	40.2	40.2	40.2	40.2	40.2	39.3	39.3	38.3	37.4	36.5
45°	34.6	34.6	34.6	35.5	35.5	35.5	36.5	36.5	35.5	35.5	35.5
47.5°	29.0	29.0	29.0	29.9	30.9	30.9	30.9	31.8	32.7	32.7	32.7
50°	23.4	23.4	24.3	24.3	25.2	25.2	26.2	27.1	28.1	29.0	29.9
52.5°	18.7	18.7	18.7	19.6	20.6	20.6	21.5	22.4	24.3	25.2	27.1
55°	14.0	14.0	14.0	15.0	15.9	15.9	16.8	17.8	19.6	21.5	22.4
57.5°	9.4	10.3	10.3	10.3	11.2	12.2	12.2	14.0	15.0	17.8	18.7
60°	6.5	6.5	7.5	7.5	8.4	8.4	9.4	10.3	11.2	13.1	15.0
62.5°	4.7	4.7	4.7	5.6	5.6	6.5	6.5	7.5	8.4	10.3	12.2
65°	3.7	3.7	3.7	3.7	4.7	4.7	4.7	5.6	6.5	7.5	9.4
67.5°	2.8	2.8	2.8	3.7	3.7	3.7	3.7	3.7	4.7	5.6	6.5
70°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	3.7	3.7	4.7	4.7
72.5°	1.9	1.9	1.9	1.9	2.8	2.8	2.8	2.8	2.8	2.8	3.7
75°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.8	2.8	2.8
77.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.8
80°	0.9	0.9	0.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.9	1.9	1.9
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
90°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
92.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
95°	0.0	0.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0
97.5°	0.9	0.0	0.0	0.9	0.9	0.9	0.9	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°	937.8	937.8	937.8	937.8	937.8	937.8	937.8	937.8	937.8	937.8	937.8
1°	928.5	930.3	933.1	938.7	939.7	940.6	942.5	944.4	949.0	950.9	949.0
2°	905.1	910.7	919.1	928.5	929.4	933.1	937.8	941.5	947.2	950.0	947.2
3°	869.6	881.7	895.7	912.6	915.4	921.0	930.3	937.8	945.3	948.1	945.3
4°	823.7	842.4	864.9	889.2	895.7	904.1	919.1	931.3	941.5	945.3	941.5
5°	770.4	797.6	828.4	861.1	872.4	884.5	907.0	923.8	937.8	943.4	937.8
6°	712.5	748.0	787.3	829.3	844.3	862.1	892.0	913.5	932.2	938.7	932.2
7°	648.0	693.8	742.4	793.8	813.5	835.0	874.2	903.2	925.7	934.1	925.7
8°	587.2	639.5	695.6	756.4	779.8	806.9	854.6	892.0	919.1	929.4	919.1
9°	527.3	584.4	648.0	716.2	745.2	777.0	833.1	878.0	911.6	923.8	911.6
10°	470.3	533.9	599.3	675.1	706.9	744.3	810.6	863.9	902.3	918.2	902.3
11°	416.1	481.5	551.7	630.2	668.5	710.6	785.4	848.0	892.0	909.8	892.0
12°	367.5	432.9	504.9	589.1	630.2	676.0	759.2	830.3	880.8	900.4	880.8
13°	322.6	387.1	460.0	546.0	591.9	641.4	732.1	811.6	867.7	890.1	867.7
14°	283.3	345.0	418.9	506.8	554.5	607.8	705.0	791.9	854.6	878.9	854.6
15°	245.9	306.7	379.6	469.4	519.9	573.2	676.9	770.4	838.7	865.8	838.7
17.5°	175.8	225.3	294.5	383.4	433.8	491.8	604.9	713.4	793.8	824.7	793.8
20°	130.0	169.2	226.3	310.4	360.0	413.3	533.9	650.8	737.7	772.3	737.7
22.5°	100.0	130.0	176.7	252.5	297.3	349.7	467.5	586.2	675.1	710.6	675.1
25°	80.4	103.8	141.2	204.8	245.9	296.4	407.7	522.7	608.7	642.3	608.7
27.5°	67.3	85.1	115.9	170.2	206.6	252.5	357.2	462.8	544.2	575.0	544.2
30°	58.0	72.0	98.2	144.9	177.7	217.9	314.2	409.5	484.3	514.3	484.3
32.5°	51.4	62.6	85.1	126.2	156.1	190.7	276.8	361.8	429.2	456.3	429.2
35°	45.8	56.1	74.8	112.2	138.4	170.2	243.1	317.0	375.9	401.1	375.9
37.5°	43.0	50.5	67.3	101.0	124.4	151.5	213.2	275.8	326.3	349.7	326.3
40°	40.2	46.8	61.7	91.6	112.2	135.6	187.0	235.6	281.4	301.1	281.4
42.5°	37.4	43.0	56.1	83.2	101.0	120.6	160.8	202.0	241.2	259.9	241.2
45°	36.5	40.2	52.4	74.8	90.7	106.6	139.3	173.0	205.7	221.6	205.7
47.5°	33.7	37.4	47.7	67.3	79.5	92.6	118.7	147.7	174.8	187.9	174.8
50°	30.9	34.6	43.9	59.8	70.1	79.5	101.0	125.3	148.7	159.0	148.7
52.5°	28.1	31.8	39.3	52.4	59.8	68.3	85.1	105.7	125.3	133.7	125.3
55°	24.3	28.1	34.6	44.9	51.4	57.0	71.1	87.9	103.8	111.3	103.8
57.5°	21.5	24.3	29.9	38.3	43.0	47.7	58.9	72.9	86.0	91.6	86.0
60°	17.8	20.6	25.2	31.8	35.5	39.3	48.6	59.8	70.1	74.8	70.1
62.5°	14.0	16.8	20.6	26.2	29.0	32.7	39.3	48.6	57.0	59.8	57.0
65°	11.2	13.1	16.8	21.5	24.3	26.2	31.8	39.3	44.9	47.7	44.9
67.5°	8.4	10.3	13.1	16.8	19.6	21.5	26.2	30.9	35.5	38.3	35.5
70°	6.5	7.5	10.3	13.1	15.0	16.8	20.6	24.3	28.1	29.0	28.1
72.5°	4.7	5.6	7.5	10.3	11.2	13.1	15.9	18.7	21.5	22.4	21.5
75°	3.7	4.7	5.6	7.5	8.4	10.3	12.2	14.0	15.9	16.8	15.9
77.5°	2.8	3.7	4.7	5.6	6.5	7.5	8.4	10.3	11.2	12.2	11.2
80°	1.9	2.8	2.8	3.7	4.7	4.7	6.5	6.5	7.5	7.5	7.5
82.5°	1.9	1.9	1.9	2.8	2.8	3.7	3.7	4.7	4.7	4.7	4.7
85°	0.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9



TEST NUMBER: P273502

CATALOG NUMBER: 0.10-5W-827-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
90°	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0
92.5°	0.9	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: P273502

CATALOG NUMBER: 0.10-5W-827-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	937.8	937.8	937.8	937.8	937.8	937.8	937.8	937.8	937.8	937.8	937.8
1°	944.4	942.5	940.6	939.7	938.7	933.1	930.3	928.5	923.8	921.0	919.1
2°	941.5	937.8	933.1	929.4	928.5	919.1	910.7	905.1	895.7	888.3	883.6
3°	937.8	930.3	921.0	915.4	912.6	895.7	881.7	869.6	853.7	839.6	830.3
4°	931.3	919.1	904.1	895.7	889.2	864.9	842.4	823.7	800.4	777.9	763.9
5°	923.8	907.0	884.5	872.4	861.1	828.4	797.6	770.4	740.5	710.6	691.0
6°	913.5	892.0	862.1	844.3	829.3	787.3	748.0	712.5	676.0	638.6	614.3
7°	903.2	874.2	835.0	813.5	793.8	742.4	693.8	648.0	608.7	566.6	537.6
8°	892.0	854.6	806.9	779.8	756.4	695.6	639.5	587.2	543.2	497.4	465.6
9°	878.0	833.1	777.0	745.2	716.2	648.0	584.4	527.3	479.7	432.0	398.3
10°	863.9	810.6	744.3	706.9	675.1	599.3	533.9	470.3	419.8	372.1	337.5
11°	848.0	785.4	710.6	668.5	630.2	551.7	481.5	416.1	364.7	318.8	284.2
12°	830.3	759.2	676.0	630.2	589.1	504.9	432.9	367.5	315.1	271.2	238.4
13°	811.6	732.1	641.4	591.9	546.0	460.0	387.1	322.6	271.2	230.0	200.1
14°	791.9	705.0	607.8	554.5	506.8	418.9	345.0	283.3	232.8	196.4	170.2
15°	770.4	676.9	573.2	519.9	469.4	379.6	306.7	245.9	200.1	168.3	144.9
17.5°	713.4	604.9	491.8	433.8	383.4	294.5	225.3	175.8	141.2	117.8	101.9
20°	650.8	533.9	413.3	360.0	310.4	226.3	169.2	130.0	104.7	87.9	77.6
22.5°	586.2	467.5	349.7	297.3	252.5	176.7	130.0	100.0	81.3	69.2	62.6
25°	522.7	407.7	296.4	245.9	204.8	141.2	103.8	80.4	66.4	58.0	53.3
27.5°	462.8	357.2	252.5	206.6	170.2	115.9	85.1	67.3	57.0	50.5	46.8
30°	409.5	314.2	217.9	177.7	144.9	98.2	72.0	58.0	49.6	45.8	43.0
32.5°	361.8	276.8	190.7	156.1	126.2	85.1	62.6	51.4	44.9	42.1	41.1
35°	317.0	243.1	170.2	138.4	112.2	74.8	56.1	45.8	42.1	40.2	40.2
37.5°	275.8	213.2	151.5	124.4	101.0	67.3	50.5	43.0	39.3	39.3	39.3
40°	235.6	187.0	135.6	112.2	91.6	61.7	46.8	40.2	38.3	38.3	39.3
42.5°	202.0	160.8	120.6	101.0	83.2	56.1	43.0	37.4	36.5	37.4	38.3
45°	173.0	139.3	106.6	90.7	74.8	52.4	40.2	36.5	35.5	35.5	35.5
47.5°	147.7	118.7	92.6	79.5	67.3	47.7	37.4	33.7	32.7	32.7	32.7
50°	125.3	101.0	79.5	70.1	59.8	43.9	34.6	30.9	29.9	29.0	28.1
52.5°	105.7	85.1	68.3	59.8	52.4	39.3	31.8	28.1	27.1	25.2	24.3
55°	87.9	71.1	57.0	51.4	44.9	34.6	28.1	24.3	22.4	21.5	19.6
57.5°	72.9	58.9	47.7	43.0	38.3	29.9	24.3	21.5	18.7	17.8	15.0
60°	59.8	48.6	39.3	35.5	31.8	25.2	20.6	17.8	15.0	13.1	11.2
62.5°	48.6	39.3	32.7	29.0	26.2	20.6	16.8	14.0	12.2	10.3	8.4
65°	39.3	31.8	26.2	24.3	21.5	16.8	13.1	11.2	9.4	7.5	6.5
67.5°	30.9	26.2	21.5	19.6	16.8	13.1	10.3	8.4	6.5	5.6	4.7
70°	24.3	20.6	16.8	15.0	13.1	10.3	7.5	6.5	4.7	4.7	3.7
72.5°	18.7	15.9	13.1	11.2	10.3	7.5	5.6	4.7	3.7	2.8	2.8
75°	14.0	12.2	10.3	8.4	7.5	5.6	4.7	3.7	2.8	2.8	2.8
77.5°	10.3	8.4	7.5	6.5	5.6	4.7	3.7	2.8	2.8	1.9	1.9
80°	6.5	6.5	4.7	4.7	3.7	2.8	2.8	1.9	1.9	1.9	1.9
82.5°	4.7	3.7	3.7	2.8	2.8	1.9	1.9	1.9	1.9	1.9	1.9
85°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	0.9	0.9	0.9	0.9
87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9



TEST NUMBER: P273502

CATALOG NUMBER: 0.10-5W-827-10-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	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.9	0.9	0.9
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
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: P273502

CATALOG NUMBER: 0.10-5W-827-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	937.8	937.8	937.8	937.8	937.8	937.8	937.8	937.8	937.8	937.8	937.8
1°	914.4	909.8	908.8	907.9	906.0	907.0	908.8	907.9	908.8	907.0	906.0
2°	874.2	864.9	863.9	860.2	855.5	853.7	855.5	856.5	855.5	853.7	855.5
3°	815.3	800.4	800.4	791.9	784.5	780.7	781.7	776.1	781.7	780.7	784.5
4°	743.3	723.7	718.1	711.5	700.3	693.8	693.8	688.2	693.8	693.8	700.3
5°	664.8	639.5	633.9	625.5	611.5	603.1	601.2	596.5	601.2	603.1	611.5
6°	583.4	556.3	548.8	539.5	522.7	513.3	510.5	506.8	510.5	513.3	522.7
7°	504.9	475.9	467.5	457.2	439.5	429.2	426.4	422.6	426.4	429.2	439.5
8°	431.0	402.1	392.7	382.4	364.7	354.4	351.6	346.9	351.6	354.4	364.7
9°	363.7	335.7	326.3	316.0	299.2	288.9	286.1	282.4	286.1	288.9	299.2
10°	303.9	277.7	269.3	259.9	246.8	232.8	230.0	226.3	230.0	232.8	246.8
11°	253.4	228.1	218.8	211.3	200.1	189.8	187.0	183.3	187.0	189.8	200.1
12°	209.4	188.9	183.3	174.8	164.6	157.1	153.3	150.5	153.3	157.1	164.6
13°	175.8	158.0	152.4	145.9	136.5	130.9	128.1	128.1	128.1	130.9	136.5
14°	148.7	131.8	128.1	123.4	115.9	111.3	107.5	108.5	107.5	111.3	115.9
15°	126.2	113.1	109.4	104.7	99.1	95.4	92.6	92.6	92.6	95.4	99.1
17.5°	89.8	82.3	79.5	76.7	72.9	71.1	69.2	69.2	69.2	71.1	72.9
20°	69.2	64.5	62.6	60.8	58.0	57.0	56.1	56.1	56.1	57.0	58.0
22.5°	57.0	54.2	52.4	51.4	49.6	49.6	48.6	48.6	48.6	49.6	49.6
25°	49.6	47.7	46.8	45.8	44.9	44.9	43.9	43.9	43.9	44.9	44.9
27.5°	44.9	43.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
30°	42.1	42.1	42.1	42.1	42.1	43.0	43.0	43.0	43.0	43.0	42.1
32.5°	41.1	41.1	42.1	42.1	43.9	44.9	44.9	44.9	44.9	44.9	43.9
35°	41.1	42.1	43.0	43.9	44.9	45.8	46.8	46.8	46.8	45.8	44.9
37.5°	41.1	43.0	43.9	43.9	45.8	45.8	46.8	46.8	46.8	45.8	45.8
40°	41.1	42.1	43.0	43.0	43.9	43.9	43.9	43.9	43.9	43.9	43.9
42.5°	39.3	39.3	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
45°	36.5	36.5	35.5	35.5	35.5	34.6	34.6	34.6	34.6	34.6	35.5
47.5°	31.8	30.9	30.9	30.9	29.9	29.0	29.0	29.0	29.0	29.0	29.9
50°	27.1	26.2	25.2	25.2	24.3	24.3	23.4	23.4	23.4	24.3	24.3
52.5°	22.4	21.5	20.6	20.6	19.6	18.7	18.7	18.7	18.7	18.7	19.6
55°	17.8	16.8	15.9	15.9	15.0	14.0	14.0	14.0	14.0	14.0	15.0
57.5°	14.0	12.2	12.2	11.2	10.3	10.3	10.3	9.4	10.3	10.3	10.3
60°	10.3	9.4	8.4	8.4	7.5	7.5	6.5	6.5	6.5	7.5	7.5
62.5°	7.5	6.5	6.5	5.6	5.6	4.7	4.7	4.7	4.7	4.7	5.6
65°	5.6	4.7	4.7	4.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
67.5°	3.7	3.7	3.7	3.7	3.7	2.8	2.8	2.8	2.8	2.8	3.7
70°	3.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
72.5°	2.8	2.8	2.8	2.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9
75°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
77.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
80°	1.9	1.9	1.9	1.9	1.9	0.9	0.9	0.9	0.9	0.9	1.9
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9



TEST NUMBER: P273502

CATALOG NUMBER: 0.10-5W-827-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
90°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
92.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
95°	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.9	0.9
97.5°	0.0	0.9	0.9	0.9	0.9	0.0	0.0	0.9	0.0	0.0	0.9
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: P273502

CATALOG NUMBER: 0.10-5W-827-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	937.8	937.8	937.8	937.8	937.8	937.8	937.8	937.8	937.8	937.8	937.8
1°	907.9	908.8	909.8	914.4	919.1	921.0	923.8	928.5	930.3	933.1	938.7
2°	860.2	863.9	864.9	874.2	883.6	888.3	895.7	905.1	910.7	919.1	928.5
3°	791.9	800.4	800.4	815.3	830.3	839.6	853.7	869.6	881.7	895.7	912.6
4°	711.5	718.1	723.7	743.3	763.9	777.9	800.4	823.7	842.4	864.9	889.2
5°	625.5	633.9	639.5	664.8	691.0	710.6	740.5	770.4	797.6	828.4	861.1
6°	539.5	548.8	556.3	583.4	614.3	638.6	676.0	712.5	748.0	787.3	829.3
7°	457.2	467.5	475.9	504.9	537.6	566.6	608.7	648.0	693.8	742.4	793.8
8°	382.4	392.7	402.1	431.0	465.6	497.4	543.2	587.2	639.5	695.6	756.4
9°	316.0	326.3	335.7	363.7	398.3	432.0	479.7	527.3	584.4	648.0	716.2
10°	259.9	269.3	277.7	303.9	337.5	372.1	419.8	470.3	533.9	599.3	675.1
11°	211.3	218.8	228.1	253.4	284.2	318.8	364.7	416.1	481.5	551.7	630.2
12°	174.8	183.3	188.9	209.4	238.4	271.2	315.1	367.5	432.9	504.9	589.1
13°	145.9	152.4	158.0	175.8	200.1	230.0	271.2	322.6	387.1	460.0	546.0
14°	123.4	128.1	131.8	148.7	170.2	196.4	232.8	283.3	345.0	418.9	506.8
15°	104.7	109.4	113.1	126.2	144.9	168.3	200.1	245.9	306.7	379.6	469.4
17.5°	76.7	79.5	82.3	89.8	101.9	117.8	141.2	175.8	225.3	294.5	383.4
20°	60.8	62.6	64.5	69.2	77.6	87.9	104.7	130.0	169.2	226.3	310.4
22.5°	51.4	52.4	54.2	57.0	62.6	69.2	81.3	100.0	130.0	176.7	252.5
25°	45.8	46.8	47.7	49.6	53.3	58.0	66.4	80.4	103.8	141.2	204.8
27.5°	43.0	43.0	43.9	44.9	46.8	50.5	57.0	67.3	85.1	115.9	170.2
30°	42.1	42.1	42.1	42.1	43.0	45.8	49.6	58.0	72.0	98.2	144.9
32.5°	42.1	42.1	41.1	41.1	41.1	42.1	44.9	51.4	62.6	85.1	126.2
35°	43.9	43.0	42.1	41.1	40.2	40.2	42.1	45.8	56.1	74.8	112.2
37.5°	43.9	43.9	43.0	41.1	39.3	39.3	39.3	43.0	50.5	67.3	101.0
40°	43.0	43.0	42.1	41.1	39.3	38.3	38.3	40.2	46.8	61.7	91.6
42.5°	40.2	40.2	39.3	39.3	38.3	37.4	36.5	37.4	43.0	56.1	83.2
45°	35.5	35.5	36.5	36.5	35.5	35.5	35.5	36.5	40.2	52.4	74.8
47.5°	30.9	30.9	30.9	31.8	32.7	32.7	32.7	33.7	37.4	47.7	67.3
50°	25.2	25.2	26.2	27.1	28.1	29.0	29.9	30.9	34.6	43.9	59.8
52.5°	20.6	20.6	21.5	22.4	24.3	25.2	27.1	28.1	31.8	39.3	52.4
55°	15.9	15.9	16.8	17.8	19.6	21.5	22.4	24.3	28.1	34.6	44.9
57.5°	11.2	12.2	12.2	14.0	15.0	17.8	18.7	21.5	24.3	29.9	38.3
60°	8.4	8.4	9.4	10.3	11.2	13.1	15.0	17.8	20.6	25.2	31.8
62.5°	5.6	6.5	6.5	7.5	8.4	10.3	12.2	14.0	16.8	20.6	26.2
65°	4.7	4.7	4.7	5.6	6.5	7.5	9.4	11.2	13.1	16.8	21.5
67.5°	3.7	3.7	3.7	3.7	4.7	5.6	6.5	8.4	10.3	13.1	16.8
70°	2.8	2.8	2.8	3.7	3.7	4.7	4.7	6.5	7.5	10.3	13.1
72.5°	2.8	2.8	2.8	2.8	2.8	2.8	3.7	4.7	5.6	7.5	10.3
75°	1.9	1.9	1.9	1.9	2.8	2.8	2.8	3.7	4.7	5.6	7.5
77.5°	1.9	1.9	1.9	1.9	1.9	1.9	2.8	2.8	3.7	4.7	5.6
80°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.8	2.8	3.7
82.5°	0.9	0.9	0.9	0.9	1.9	1.9	1.9	1.9	1.9	1.9	2.8
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.9	1.9	1.9
87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9



TEST NUMBER: P273502

CATALOG NUMBER: 0.10-5W-827-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
90°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
92.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0
95°	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.9	0.9	0.9	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: P273502

CATALOG NUMBER: 0.10-5W-827-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	937.8	937.8	937.8	937.8	937.8	937.8	937.8	937.8	937.8	937.8	937.8
1°	939.7	940.6	942.5	944.4	949.0	950.9	949.0	944.4	942.5	940.6	939.7
2°	929.4	933.1	937.8	941.5	947.2	950.0	947.2	941.5	937.8	933.1	929.4
3°	915.4	921.0	930.3	937.8	945.3	948.1	945.3	937.8	930.3	921.0	915.4
4°	895.7	904.1	919.1	931.3	941.5	945.3	941.5	931.3	919.1	904.1	895.7
5°	872.4	884.5	907.0	923.8	937.8	943.4	937.8	923.8	907.0	884.5	872.4
6°	844.3	862.1	892.0	913.5	932.2	938.7	932.2	913.5	892.0	862.1	844.3
7°	813.5	835.0	874.2	903.2	925.7	934.1	925.7	903.2	874.2	835.0	813.5
8°	779.8	806.9	854.6	892.0	919.1	929.4	919.1	892.0	854.6	806.9	779.8
9°	745.2	777.0	833.1	878.0	911.6	923.8	911.6	878.0	833.1	777.0	745.2
10°	706.9	744.3	810.6	863.9	902.3	918.2	902.3	863.9	810.6	744.3	706.9
11°	668.5	710.6	785.4	848.0	892.0	909.8	892.0	848.0	785.4	710.6	668.5
12°	630.2	676.0	759.2	830.3	880.8	900.4	880.8	830.3	759.2	676.0	630.2
13°	591.9	641.4	732.1	811.6	867.7	890.1	867.7	811.6	732.1	641.4	591.9
14°	554.5	607.8	705.0	791.9	854.6	878.9	854.6	791.9	705.0	607.8	554.5
15°	519.9	573.2	676.9	770.4	838.7	865.8	838.7	770.4	676.9	573.2	519.9
17.5°	433.8	491.8	604.9	713.4	793.8	824.7	793.8	713.4	604.9	491.8	433.8
20°	360.0	413.3	533.9	650.8	737.7	772.3	737.7	650.8	533.9	413.3	360.0
22.5°	297.3	349.7	467.5	586.2	675.1	710.6	675.1	586.2	467.5	349.7	297.3
25°	245.9	296.4	407.7	522.7	608.7	642.3	608.7	522.7	407.7	296.4	245.9
27.5°	206.6	252.5	357.2	462.8	544.2	575.0	544.2	462.8	357.2	252.5	206.6
30°	177.7	217.9	314.2	409.5	484.3	514.3	484.3	409.5	314.2	217.9	177.7
32.5°	156.1	190.7	276.8	361.8	429.2	456.3	429.2	361.8	276.8	190.7	156.1
35°	138.4	170.2	243.1	317.0	375.9	401.1	375.9	317.0	243.1	170.2	138.4
37.5°	124.4	151.5	213.2	275.8	326.3	349.7	326.3	275.8	213.2	151.5	124.4
40°	112.2	135.6	187.0	235.6	281.4	301.1	281.4	235.6	187.0	135.6	112.2
42.5°	101.0	120.6	160.8	202.0	241.2	259.9	241.2	202.0	160.8	120.6	101.0
45°	90.7	106.6	139.3	173.0	205.7	221.6	205.7	173.0	139.3	106.6	90.7
47.5°	79.5	92.6	118.7	147.7	174.8	187.9	174.8	147.7	118.7	92.6	79.5
50°	70.1	79.5	101.0	125.3	148.7	159.0	148.7	125.3	101.0	79.5	70.1
52.5°	59.8	68.3	85.1	105.7	125.3	133.7	125.3	105.7	85.1	68.3	59.8
55°	51.4	57.0	71.1	87.9	103.8	111.3	103.8	87.9	71.1	57.0	51.4
57.5°	43.0	47.7	58.9	72.9	86.0	91.6	86.0	72.9	58.9	47.7	43.0
60°	35.5	39.3	48.6	59.8	70.1	74.8	70.1	59.8	48.6	39.3	35.5
62.5°	29.0	32.7	39.3	48.6	57.0	59.8	57.0	48.6	39.3	32.7	29.0
65°	24.3	26.2	31.8	39.3	44.9	47.7	44.9	39.3	31.8	26.2	24.3
67.5°	19.6	21.5	26.2	30.9	35.5	38.3	35.5	30.9	26.2	21.5	19.6
70°	15.0	16.8	20.6	24.3	28.1	29.0	28.1	24.3	20.6	16.8	15.0
72.5°	11.2	13.1	15.9	18.7	21.5	22.4	21.5	18.7	15.9	13.1	11.2
75°	8.4	10.3	12.2	14.0	15.9	16.8	15.9	14.0	12.2	10.3	8.4
77.5°	6.5	7.5	8.4	10.3	11.2	12.2	11.2	10.3	8.4	7.5	6.5
80°	4.7	4.7	6.5	6.5	7.5	7.5	7.5	6.5	6.5	4.7	4.7
82.5°	2.8	3.7	3.7	4.7	4.7	4.7	4.7	4.7	3.7	3.7	2.8
85°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9



TEST NUMBER: P273502

CATALOG NUMBER: 0.10-5W-827-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
90°	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.9
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: P273502

CATALOG NUMBER: 0.10-5W-827-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	937.8	937.8	937.8	937.8	937.8	937.8	937.8	937.8	937.8	937.8	937.8
1°	938.7	933.1	930.3	928.5	923.8	921.0	919.1	914.4	909.8	908.8	907.9
2°	928.5	919.1	910.7	905.1	895.7	888.3	883.6	874.2	864.9	863.9	860.2
3°	912.6	895.7	881.7	869.6	853.7	839.6	830.3	815.3	800.4	800.4	791.9
4°	889.2	864.9	842.4	823.7	800.4	777.9	763.9	743.3	723.7	718.1	711.5
5°	861.1	828.4	797.6	770.4	740.5	710.6	691.0	664.8	639.5	633.9	625.5
6°	829.3	787.3	748.0	712.5	676.0	638.6	614.3	583.4	556.3	548.8	539.5
7°	793.8	742.4	693.8	648.0	608.7	566.6	537.6	504.9	475.9	467.5	457.2
8°	756.4	695.6	639.5	587.2	543.2	497.4	465.6	431.0	402.1	392.7	382.4
9°	716.2	648.0	584.4	527.3	479.7	432.0	398.3	363.7	335.7	326.3	316.0
10°	675.1	599.3	533.9	470.3	419.8	372.1	337.5	303.9	277.7	269.3	259.9
11°	630.2	551.7	481.5	416.1	364.7	318.8	284.2	253.4	228.1	218.8	211.3
12°	589.1	504.9	432.9	367.5	315.1	271.2	238.4	209.4	188.9	183.3	174.8
13°	546.0	460.0	387.1	322.6	271.2	230.0	200.1	175.8	158.0	152.4	145.9
14°	506.8	418.9	345.0	283.3	232.8	196.4	170.2	148.7	131.8	128.1	123.4
15°	469.4	379.6	306.7	245.9	200.1	168.3	144.9	126.2	113.1	109.4	104.7
17.5°	383.4	294.5	225.3	175.8	141.2	117.8	101.9	89.8	82.3	79.5	76.7
20°	310.4	226.3	169.2	130.0	104.7	87.9	77.6	69.2	64.5	62.6	60.8
22.5°	252.5	176.7	130.0	100.0	81.3	69.2	62.6	57.0	54.2	52.4	51.4
25°	204.8	141.2	103.8	80.4	66.4	58.0	53.3	49.6	47.7	46.8	45.8
27.5°	170.2	115.9	85.1	67.3	57.0	50.5	46.8	44.9	43.9	43.0	43.0
30°	144.9	98.2	72.0	58.0	49.6	45.8	43.0	42.1	42.1	42.1	42.1
32.5°	126.2	85.1	62.6	51.4	44.9	42.1	41.1	41.1	41.1	42.1	42.1
35°	112.2	74.8	56.1	45.8	42.1	40.2	40.2	41.1	42.1	43.0	43.9
37.5°	101.0	67.3	50.5	43.0	39.3	39.3	39.3	41.1	43.0	43.9	43.9
40°	91.6	61.7	46.8	40.2	38.3	38.3	39.3	41.1	42.1	43.0	43.0
42.5°	83.2	56.1	43.0	37.4	36.5	37.4	38.3	39.3	39.3	40.2	40.2
45°	74.8	52.4	40.2	36.5	35.5	35.5	35.5	36.5	36.5	35.5	35.5
47.5°	67.3	47.7	37.4	33.7	32.7	32.7	32.7	31.8	30.9	30.9	30.9
50°	59.8	43.9	34.6	30.9	29.9	29.0	28.1	27.1	26.2	25.2	25.2
52.5°	52.4	39.3	31.8	28.1	27.1	25.2	24.3	22.4	21.5	20.6	20.6
55°	44.9	34.6	28.1	24.3	22.4	21.5	19.6	17.8	16.8	15.9	15.9
57.5°	38.3	29.9	24.3	21.5	18.7	17.8	15.0	14.0	12.2	12.2	11.2
60°	31.8	25.2	20.6	17.8	15.0	13.1	11.2	10.3	9.4	8.4	8.4
62.5°	26.2	20.6	16.8	14.0	12.2	10.3	8.4	7.5	6.5	6.5	5.6
65°	21.5	16.8	13.1	11.2	9.4	7.5	6.5	5.6	4.7	4.7	4.7
67.5°	16.8	13.1	10.3	8.4	6.5	5.6	4.7	3.7	3.7	3.7	3.7
70°	13.1	10.3	7.5	6.5	4.7	4.7	3.7	3.7	2.8	2.8	2.8
72.5°	10.3	7.5	5.6	4.7	3.7	2.8	2.8	2.8	2.8	2.8	2.8
75°	7.5	5.6	4.7	3.7	2.8	2.8	2.8	1.9	1.9	1.9	1.9
77.5°	5.6	4.7	3.7	2.8	2.8	1.9	1.9	1.9	1.9	1.9	1.9
80°	3.7	2.8	2.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
82.5°	2.8	1.9	1.9	1.9	1.9	1.9	1.9	0.9	0.9	0.9	0.9
85°	1.9	1.9	1.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9



TEST NUMBER: P273502

CATALOG NUMBER: 0.10-5W-827-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
90°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
92.5°	0.0	0.0	0.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.9	0.9	0.9	0.9
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.9	0.9
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: P273502

CATALOG NUMBER: 0.10-5W-827-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	937.8	937.8	937.8	937.8
1°	906.0	907.0	908.8	907.9
2°	855.5	853.7	855.5	856.5
3°	784.5	780.7	781.7	776.1
4°	700.3	693.8	693.8	688.2
5°	611.5	603.1	601.2	596.5
6°	522.7	513.3	510.5	506.8
7°	439.5	429.2	426.4	422.6
8°	364.7	354.4	351.6	346.9
9°	299.2	288.9	286.1	282.4
10°	246.8	232.8	230.0	226.3
11°	200.1	189.8	187.0	183.3
12°	164.6	157.1	153.3	150.5
13°	136.5	130.9	128.1	128.1
14°	115.9	111.3	107.5	108.5
15°	99.1	95.4	92.6	92.6
17.5°	72.9	71.1	69.2	69.2
20°	58.0	57.0	56.1	56.1
22.5°	49.6	49.6	48.6	48.6
25°	44.9	44.9	43.9	43.9
27.5°	43.0	43.0	43.0	43.0
30°	42.1	43.0	43.0	43.0
32.5°	43.9	44.9	44.9	44.9
35°	44.9	45.8	46.8	46.8
37.5°	45.8	45.8	46.8	46.8
40°	43.9	43.9	43.9	43.9
42.5°	40.2	40.2	40.2	40.2
45°	35.5	34.6	34.6	34.6
47.5°	29.9	29.0	29.0	29.0
50°	24.3	24.3	23.4	23.4
52.5°	19.6	18.7	18.7	18.7
55°	15.0	14.0	14.0	14.0
57.5°	10.3	10.3	10.3	9.4
60°	7.5	7.5	6.5	6.5
62.5°	5.6	4.7	4.7	4.7
65°	3.7	3.7	3.7	3.7
67.5°	3.7	2.8	2.8	2.8
70°	2.8	2.8	2.8	2.8
72.5°	1.9	1.9	1.9	1.9
75°	1.9	1.9	1.9	1.9
77.5°	1.9	1.9	1.9	1.9
80°	1.9	0.9	0.9	0.9
82.5°	0.9	0.9	0.9	0.9
85°	0.9	0.9	0.9	0.9
87.5°	0.9	0.9	0.9	0.9



TEST NUMBER: P273502

CATALOG NUMBER: 0.10-5W-827-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
90°	0.9	0.9	0.9	0.9
92.5°	0.9	0.9	0.9	0.9
95°	0.9	0.9	0.0	0.0
97.5°	0.9	0.0	0.0	0.9
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)