

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: P273506

Luminaire Tested: **0.10-5W-835-10-OD-STD-UNV-AN-1F6**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P273506
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-835-10-OD-STD-UNV-AN-1F6
Description: iO LIGHTING SERIES 1.5 LINEAR LED LUMINAIRE, 10 DEGREE OPTIC.
VERY HIGH OUTPUT
Light Source: 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 467.3 lumens
Efficiency: N/A
Efficacy: 40.6 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

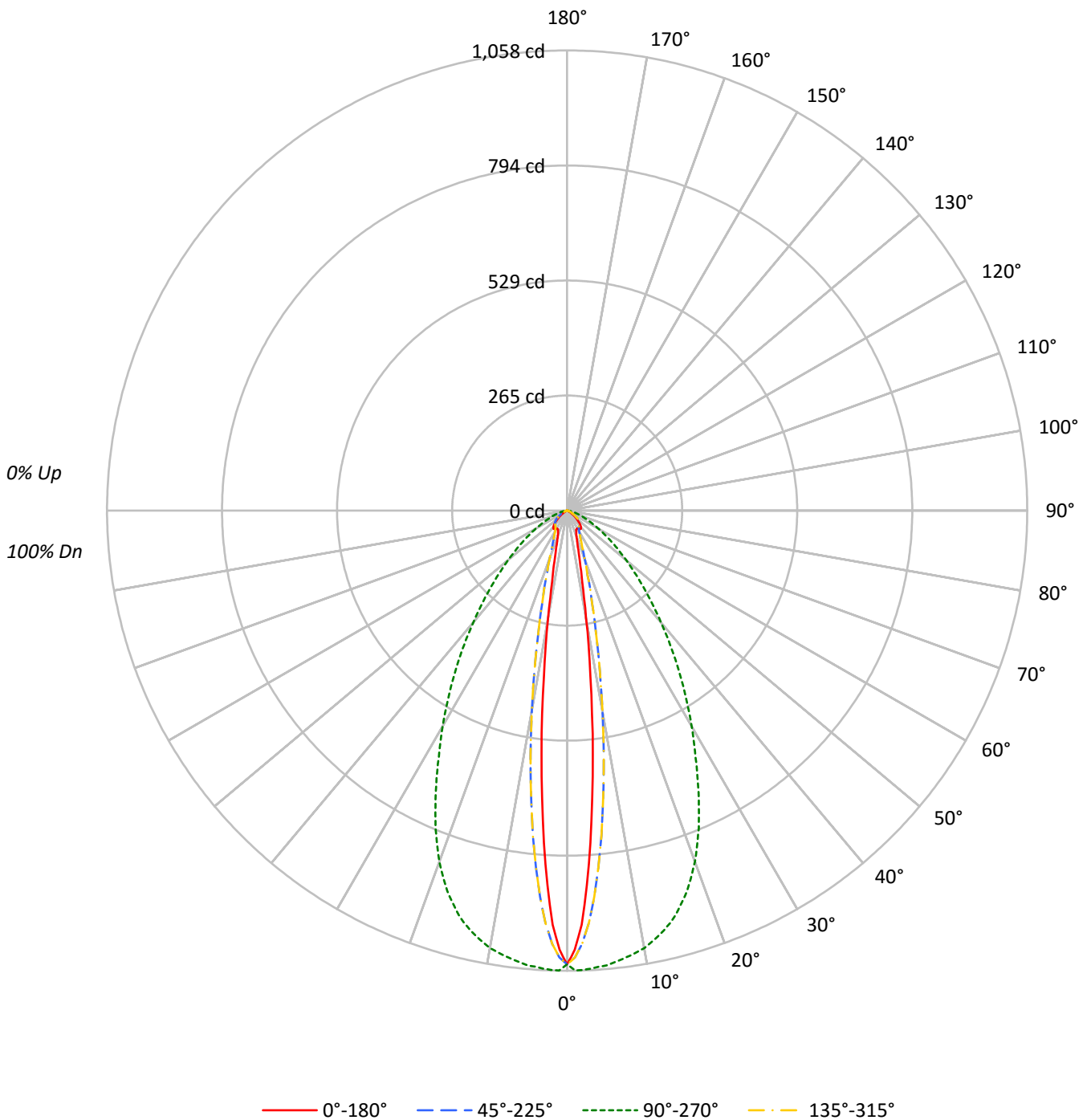
Input Watts (W): 11.5
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





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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°	96167	96167	96167	96167
5°	58831	96866	58831	96866
10°	21654	95111	21654	95111
15°	8669	91188	8669	91188
20°	5180	83375	5180	83375
25°	4034	71688	4034	71688
30°	3949	59865	3949	59865
35°	4335	49194	4335	49194
40°	4146	39324	4146	39324
45°	3346	31211	3346	31211
50°	2337	24490	2337	24490
55°	1463	19088	1463	19088
60°	721	14590	721	14590
65°	442	10869	442	10869
70°	352	8024	352	8024
75°	261	5996	261	5996
80°	138	3771	138	3771
85°	158	1658	158	1658



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.3	15.0
10°-20°	102.9	22.0
20°-30°	90.9	19.5
30°-40°	77.8	16.7
40°-50°	60.8	13.0
50°-60°	37.5	8.0
60°-70°	17.7	3.8
70°-80°	7.0	1.5
80°-90°	1.9	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°	264.1	56.5
0°-40°	341.9	73.2
0°-60°	440.2	94.2
0°-90°	466.9	99.9
90°-120°	0.4	0.1
90°-150°	0.4	0.1
90°-180°	0.0	0.0
0°-180°	467.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1043	1043	1043	1043	1043	
5°	664	1049	664	1049	664	50
15°	103	963	103	963	103	32
25°	49	714	49	714	49	24
35°	52	446	52	446	52	32
45°	38	246	38	246	38	29
55°	16	124	16	124	16	14
65°	4	53	4	53	4	4
75°	2	19	2	19	2	2
85°	1	2	1	2	1	1
90°	1	0	1	0	1	1
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°	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1
1°	1009.8	1010.9	1008.8	1007.8	1009.8	1010.9	1011.9	1017.1	1022.3	1024.4	1027.5
2°	952.6	951.6	949.5	951.6	956.8	961.0	962.0	972.4	982.8	988.0	996.3
3°	863.2	869.4	868.4	872.6	880.9	890.2	890.2	906.9	923.5	933.9	949.5
4°	765.4	771.7	771.7	779.0	791.4	798.7	805.0	826.8	849.7	865.3	890.2
5°	663.5	668.7	670.8	680.2	695.8	705.1	711.4	739.4	768.6	790.4	823.7
6°	563.7	567.8	571.0	581.4	600.1	610.5	618.8	649.0	683.3	710.3	751.9
7°	470.1	474.2	477.4	488.8	508.6	520.0	529.4	561.6	598.0	630.2	677.0
8°	385.8	391.0	394.2	405.6	425.4	436.8	447.2	479.4	517.9	553.3	604.2
9°	314.1	318.2	321.4	332.8	351.5	363.0	373.4	404.6	443.0	480.5	533.5
10°	251.7	255.8	259.0	274.6	289.1	299.5	308.9	338.0	375.4	413.9	467.0
11°	203.8	208.0	211.1	222.6	235.0	243.4	253.8	281.8	316.2	354.6	405.6
12°	167.4	170.6	174.7	183.0	194.5	203.8	210.1	233.0	265.2	301.6	350.5
13°	142.5	142.5	145.6	151.8	162.2	169.5	175.8	195.5	222.6	255.8	301.6
14°	120.6	119.6	123.8	129.0	137.3	142.5	146.6	165.4	189.3	218.4	259.0
15°	103.0	103.0	106.1	110.2	116.5	121.7	125.8	140.4	161.2	187.2	222.6
17.5°	77.0	77.0	79.0	81.1	85.3	88.4	91.5	99.8	113.4	131.0	157.0
20°	62.4	62.4	63.4	64.5	67.6	69.7	71.8	77.0	86.3	97.8	116.5
22.5°	54.1	54.1	55.1	55.1	57.2	58.2	60.3	63.4	69.7	77.0	90.5
25°	48.9	48.9	49.9	49.9	51.0	52.0	53.0	55.1	59.3	64.5	73.8
27.5°	47.8	47.8	47.8	47.8	47.8	47.8	48.9	49.9	52.0	56.2	63.4
30°	47.8	47.8	47.8	46.8	46.8	46.8	46.8	46.8	47.8	51.0	55.1
32.5°	49.9	49.9	49.9	48.9	46.8	46.8	45.8	45.8	45.8	46.8	49.9
35°	52.0	52.0	51.0	49.9	48.9	47.8	46.8	45.8	44.7	44.7	46.8
37.5°	52.0	52.0	51.0	51.0	48.9	48.9	47.8	45.8	43.7	43.7	43.7
40°	48.9	48.9	48.9	48.9	47.8	47.8	46.8	45.8	43.7	42.6	42.6
42.5°	44.7	44.7	44.7	44.7	44.7	44.7	43.7	43.7	42.6	41.6	40.6
45°	38.5	38.5	38.5	39.5	39.5	39.5	40.6	40.6	39.5	39.5	39.5
47.5°	32.2	32.2	32.2	33.3	34.3	34.3	34.3	35.4	36.4	36.4	36.4
50°	26.0	26.0	27.0	27.0	28.1	28.1	29.1	30.2	31.2	32.2	33.3
52.5°	20.8	20.8	20.8	21.8	22.9	22.9	23.9	25.0	27.0	28.1	30.2
55°	15.6	15.6	15.6	16.6	17.7	17.7	18.7	19.8	21.8	23.9	25.0
57.5°	10.4	11.4	11.4	11.4	12.5	13.5	13.5	15.6	16.6	19.8	20.8
60°	7.3	7.3	8.3	8.3	9.4	9.4	10.4	11.4	12.5	14.6	16.6
62.5°	5.2	5.2	5.2	6.2	6.2	7.3	7.3	8.3	9.4	11.4	13.5
65°	4.2	4.2	4.2	4.2	5.2	5.2	5.2	6.2	7.3	8.3	10.4
67.5°	3.1	3.1	3.1	4.2	4.2	4.2	4.2	4.2	5.2	6.2	7.3
70°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	4.2	4.2	5.2	5.2
72.5°	2.1	2.1	2.1	2.1	3.1	3.1	3.1	3.1	3.1	3.1	4.2
75°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	3.1	3.1	3.1
77.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	3.1
80°	1.0	1.0	1.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.1	2.1	2.1
85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
90°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
92.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
95°	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0
97.5°	1.0	0.0	0.0	1.0	1.0	1.0	1.0	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



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1
1°	1032.7	1034.8	1037.9	1044.2	1045.2	1046.2	1048.3	1050.4	1055.6	1057.7	1055.6
2°	1006.7	1013.0	1022.3	1032.7	1033.8	1037.9	1043.1	1047.3	1053.5	1056.6	1053.5
3°	967.2	980.7	996.3	1015.0	1018.2	1024.4	1034.8	1043.1	1051.4	1054.6	1051.4
4°	916.2	937.0	962.0	989.0	996.3	1005.7	1022.3	1035.8	1047.3	1051.4	1047.3
5°	857.0	887.1	921.4	957.8	970.3	983.8	1008.8	1027.5	1043.1	1049.4	1043.1
6°	792.5	832.0	875.7	922.5	939.1	958.9	992.2	1016.1	1036.9	1044.2	1036.9
7°	720.7	771.7	825.8	883.0	904.8	928.7	972.4	1004.6	1029.6	1039.0	1029.6
8°	653.1	711.4	773.8	841.4	867.4	897.5	950.6	992.2	1022.3	1033.8	1022.3
9°	586.6	650.0	720.7	796.6	828.9	864.2	926.6	976.6	1014.0	1027.5	1014.0
10°	523.1	593.8	666.6	750.9	786.2	827.8	901.7	961.0	1003.6	1021.3	1003.6
11°	462.8	535.6	613.6	701.0	743.6	790.4	873.6	943.3	992.2	1011.9	992.2
12°	408.7	481.5	561.6	655.2	701.0	751.9	844.5	923.5	979.7	1001.5	979.7
13°	358.8	430.6	511.7	607.4	658.3	713.4	814.3	902.7	965.1	990.1	965.1
14°	315.1	383.8	465.9	563.7	616.7	676.0	784.2	880.9	950.6	977.6	950.6
15°	273.5	341.1	422.2	522.1	578.2	637.5	753.0	857.0	932.9	963.0	932.9
17.5°	195.5	250.6	327.6	426.4	482.6	547.0	672.9	793.5	883.0	917.3	883.0
20°	144.6	188.2	251.7	345.3	400.4	459.7	593.8	723.8	820.6	859.0	820.6
22.5°	111.3	144.6	196.6	280.8	330.7	389.0	520.0	652.1	750.9	790.4	750.9
25°	89.4	115.4	157.0	227.8	273.5	329.7	453.4	581.4	677.0	714.5	677.0
27.5°	74.9	94.6	129.0	189.3	229.8	280.8	397.3	514.8	605.3	639.6	605.3
30°	64.5	80.1	109.2	161.2	197.6	242.3	349.4	455.5	538.7	572.0	538.7
32.5°	57.2	69.7	94.6	140.4	173.7	212.2	307.8	402.5	477.4	507.5	477.4
35°	51.0	62.4	83.2	124.8	153.9	189.3	270.4	352.6	418.1	446.2	418.1
37.5°	47.8	56.2	74.9	112.3	138.3	168.5	237.1	306.8	363.0	389.0	363.0
40°	44.7	52.0	68.6	101.9	124.8	150.8	208.0	262.1	313.0	334.9	313.0
42.5°	41.6	47.8	62.4	92.6	112.3	134.2	178.9	224.6	268.3	289.1	268.3
45°	40.6	44.7	58.2	83.2	100.9	118.6	155.0	192.4	228.8	246.5	228.8
47.5°	37.4	41.6	53.0	74.9	88.4	103.0	132.1	164.3	194.5	209.0	194.5
50°	34.3	38.5	48.9	66.6	78.0	88.4	112.3	139.4	165.4	176.8	165.4
52.5°	31.2	35.4	43.7	58.2	66.6	75.9	94.6	117.5	139.4	148.7	139.4
55°	27.0	31.2	38.5	49.9	57.2	63.4	79.0	97.8	115.4	123.8	115.4
57.5°	23.9	27.0	33.3	42.6	47.8	53.0	65.5	81.1	95.7	101.9	95.7
60°	19.8	22.9	28.1	35.4	39.5	43.7	54.1	66.6	78.0	83.2	78.0
62.5°	15.6	18.7	22.9	29.1	32.2	36.4	43.7	54.1	63.4	66.6	63.4
65°	12.5	14.6	18.7	23.9	27.0	29.1	35.4	43.7	49.9	53.0	49.9
67.5°	9.4	11.4	14.6	18.7	21.8	23.9	29.1	34.3	39.5	42.6	39.5
70°	7.3	8.3	11.4	14.6	16.6	18.7	22.9	27.0	31.2	32.2	31.2
72.5°	5.2	6.2	8.3	11.4	12.5	14.6	17.7	20.8	23.9	25.0	23.9
75°	4.2	5.2	6.2	8.3	9.4	11.4	13.5	15.6	17.7	18.7	17.7
77.5°	3.1	4.2	5.2	6.2	7.3	8.3	9.4	11.4	12.5	13.5	12.5
80°	2.1	3.1	3.1	4.2	5.2	5.2	7.3	7.3	8.3	8.3	8.3
82.5°	2.1	2.1	2.1	3.1	3.1	4.2	4.2	5.2	5.2	5.2	5.2
85°	1.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P273506

CATALOG NUMBER: 0.10-5W-835-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
90°	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0
92.5°	1.0	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: P273506

CATALOG NUMBER: 0.10-5W-835-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1
1°	1050.4	1048.3	1046.2	1045.2	1044.2	1037.9	1034.8	1032.7	1027.5	1024.4	1022.3
2°	1047.3	1043.1	1037.9	1033.8	1032.7	1022.3	1013.0	1006.7	996.3	988.0	982.8
3°	1043.1	1034.8	1024.4	1018.2	1015.0	996.3	980.7	967.2	949.5	933.9	923.5
4°	1035.8	1022.3	1005.7	996.3	989.0	962.0	937.0	916.2	890.2	865.3	849.7
5°	1027.5	1008.8	983.8	970.3	957.8	921.4	887.1	857.0	823.7	790.4	768.6
6°	1016.1	992.2	958.9	939.1	922.5	875.7	832.0	792.5	751.9	710.3	683.3
7°	1004.6	972.4	928.7	904.8	883.0	825.8	771.7	720.7	677.0	630.2	598.0
8°	992.2	950.6	897.5	867.4	841.4	773.8	711.4	653.1	604.2	553.3	517.9
9°	976.6	926.6	864.2	828.9	796.6	720.7	650.0	586.6	533.5	480.5	443.0
10°	961.0	901.7	827.8	786.2	750.9	666.6	593.8	523.1	467.0	413.9	375.4
11°	943.3	873.6	790.4	743.6	701.0	613.6	535.6	462.8	405.6	354.6	316.2
12°	923.5	844.5	751.9	701.0	655.2	561.6	481.5	408.7	350.5	301.6	265.2
13°	902.7	814.3	713.4	658.3	607.4	511.7	430.6	358.8	301.6	255.8	222.6
14°	880.9	784.2	676.0	616.7	563.7	465.9	383.8	315.1	259.0	218.4	189.3
15°	857.0	753.0	637.5	578.2	522.1	422.2	341.1	273.5	222.6	187.2	161.2
17.5°	793.5	672.9	547.0	482.6	426.4	327.6	250.6	195.5	157.0	131.0	113.4
20°	723.8	593.8	459.7	400.4	345.3	251.7	188.2	144.6	116.5	97.8	86.3
22.5°	652.1	520.0	389.0	330.7	280.8	196.6	144.6	111.3	90.5	77.0	69.7
25°	581.4	453.4	329.7	273.5	227.8	157.0	115.4	89.4	73.8	64.5	59.3
27.5°	514.8	397.3	280.8	229.8	189.3	129.0	94.6	74.9	63.4	56.2	52.0
30°	455.5	349.4	242.3	197.6	161.2	109.2	80.1	64.5	55.1	51.0	47.8
32.5°	402.5	307.8	212.2	173.7	140.4	94.6	69.7	57.2	49.9	46.8	45.8
35°	352.6	270.4	189.3	153.9	124.8	83.2	62.4	51.0	46.8	44.7	44.7
37.5°	306.8	237.1	168.5	138.3	112.3	74.9	56.2	47.8	43.7	43.7	43.7
40°	262.1	208.0	150.8	124.8	101.9	68.6	52.0	44.7	42.6	42.6	43.7
42.5°	224.6	178.9	134.2	112.3	92.6	62.4	47.8	41.6	40.6	41.6	42.6
45°	192.4	155.0	118.6	100.9	83.2	58.2	44.7	40.6	39.5	39.5	39.5
47.5°	164.3	132.1	103.0	88.4	74.9	53.0	41.6	37.4	36.4	36.4	36.4
50°	139.4	112.3	88.4	78.0	66.6	48.9	38.5	34.3	33.3	32.2	31.2
52.5°	117.5	94.6	75.9	66.6	58.2	43.7	35.4	31.2	30.2	28.1	27.0
55°	97.8	79.0	63.4	57.2	49.9	38.5	31.2	27.0	25.0	23.9	21.8
57.5°	81.1	65.5	53.0	47.8	42.6	33.3	27.0	23.9	20.8	19.8	16.6
60°	66.6	54.1	43.7	39.5	35.4	28.1	22.9	19.8	16.6	14.6	12.5
62.5°	54.1	43.7	36.4	32.2	29.1	22.9	18.7	15.6	13.5	11.4	9.4
65°	43.7	35.4	29.1	27.0	23.9	18.7	14.6	12.5	10.4	8.3	7.3
67.5°	34.3	29.1	23.9	21.8	18.7	14.6	11.4	9.4	7.3	6.2	5.2
70°	27.0	22.9	18.7	16.6	14.6	11.4	8.3	7.3	5.2	5.2	4.2
72.5°	20.8	17.7	14.6	12.5	11.4	8.3	6.2	5.2	4.2	3.1	3.1
75°	15.6	13.5	11.4	9.4	8.3	6.2	5.2	4.2	3.1	3.1	3.1
77.5°	11.4	9.4	8.3	7.3	6.2	5.2	4.2	3.1	3.1	2.1	2.1
80°	7.3	7.3	5.2	5.2	4.2	3.1	3.1	2.1	2.1	2.1	2.1
82.5°	5.2	4.2	4.2	3.1	3.1	2.1	2.1	2.1	2.1	2.1	2.1
85°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.0	1.0	1.0	1.0
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P273506

CATALOG NUMBER: 0.10-5W-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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
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: P273506

CATALOG NUMBER: 0.10-5W-835-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1
1°	1017.1	1011.9	1010.9	1009.8	1007.8	1008.8	1010.9	1009.8	1010.9	1008.8	1007.8
2°	972.4	962.0	961.0	956.8	951.6	949.5	951.6	952.6	951.6	949.5	951.6
3°	906.9	890.2	890.2	880.9	872.6	868.4	869.4	863.2	869.4	868.4	872.6
4°	826.8	805.0	798.7	791.4	779.0	771.7	771.7	765.4	771.7	771.7	779.0
5°	739.4	711.4	705.1	695.8	680.2	670.8	668.7	663.5	668.7	670.8	680.2
6°	649.0	618.8	610.5	600.1	581.4	571.0	567.8	563.7	567.8	571.0	581.4
7°	561.6	529.4	520.0	508.6	488.8	477.4	474.2	470.1	474.2	477.4	488.8
8°	479.4	447.2	436.8	425.4	405.6	394.2	391.0	385.8	391.0	394.2	405.6
9°	404.6	373.4	363.0	351.5	332.8	321.4	318.2	314.1	318.2	321.4	332.8
10°	338.0	308.9	299.5	289.1	274.6	259.0	255.8	251.7	255.8	259.0	274.6
11°	281.8	253.8	243.4	235.0	222.6	211.1	208.0	203.8	208.0	211.1	222.6
12°	233.0	210.1	203.8	194.5	183.0	174.7	170.6	167.4	170.6	174.7	183.0
13°	195.5	175.8	169.5	162.2	151.8	145.6	142.5	142.5	142.5	145.6	151.8
14°	165.4	146.6	142.5	137.3	129.0	123.8	119.6	120.6	119.6	123.8	129.0
15°	140.4	125.8	121.7	116.5	110.2	106.1	103.0	103.0	103.0	106.1	110.2
17.5°	99.8	91.5	88.4	85.3	81.1	79.0	77.0	77.0	77.0	79.0	81.1
20°	77.0	71.8	69.7	67.6	64.5	63.4	62.4	62.4	62.4	63.4	64.5
22.5°	63.4	60.3	58.2	57.2	55.1	55.1	54.1	54.1	54.1	55.1	55.1
25°	55.1	53.0	52.0	51.0	49.9	49.9	48.9	48.9	48.9	49.9	49.9
27.5°	49.9	48.9	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
30°	46.8	46.8	46.8	46.8	46.8	47.8	47.8	47.8	47.8	47.8	46.8
32.5°	45.8	45.8	46.8	46.8	48.9	49.9	49.9	49.9	49.9	49.9	48.9
35°	45.8	46.8	47.8	48.9	49.9	51.0	52.0	52.0	52.0	51.0	49.9
37.5°	45.8	47.8	48.9	48.9	51.0	51.0	52.0	52.0	52.0	51.0	51.0
40°	45.8	46.8	47.8	47.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9
42.5°	43.7	43.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
45°	40.6	40.6	39.5	39.5	39.5	38.5	38.5	38.5	38.5	38.5	39.5
47.5°	35.4	34.3	34.3	34.3	33.3	32.2	32.2	32.2	32.2	32.2	33.3
50°	30.2	29.1	28.1	28.1	27.0	27.0	26.0	26.0	26.0	27.0	27.0
52.5°	25.0	23.9	22.9	22.9	21.8	20.8	20.8	20.8	20.8	20.8	21.8
55°	19.8	18.7	17.7	17.7	16.6	15.6	15.6	15.6	15.6	15.6	16.6
57.5°	15.6	13.5	13.5	12.5	11.4	11.4	11.4	10.4	11.4	11.4	11.4
60°	11.4	10.4	9.4	9.4	8.3	8.3	7.3	7.3	7.3	8.3	8.3
62.5°	8.3	7.3	7.3	6.2	6.2	5.2	5.2	5.2	5.2	5.2	6.2
65°	6.2	5.2	5.2	5.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
67.5°	4.2	4.2	4.2	4.2	4.2	3.1	3.1	3.1	3.1	3.1	4.2
70°	4.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
72.5°	3.1	3.1	3.1	3.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
75°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
77.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
80°	2.1	2.1	2.1	2.1	2.1	1.0	1.0	1.0	1.0	1.0	2.1
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P273506

CATALOG NUMBER: 0.10-5W-835-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
90°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
92.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
95°	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	1.0	1.0
97.5°	0.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0
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: P273506

CATALOG NUMBER: 0.10-5W-835-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1
1°	1009.8	1010.9	1011.9	1017.1	1022.3	1024.4	1027.5	1032.7	1034.8	1037.9	1044.2
2°	956.8	961.0	962.0	972.4	982.8	988.0	996.3	1006.7	1013.0	1022.3	1032.7
3°	880.9	890.2	890.2	906.9	923.5	933.9	949.5	967.2	980.7	996.3	1015.0
4°	791.4	798.7	805.0	826.8	849.7	865.3	890.2	916.2	937.0	962.0	989.0
5°	695.8	705.1	711.4	739.4	768.6	790.4	823.7	857.0	887.1	921.4	957.8
6°	600.1	610.5	618.8	649.0	683.3	710.3	751.9	792.5	832.0	875.7	922.5
7°	508.6	520.0	529.4	561.6	598.0	630.2	677.0	720.7	771.7	825.8	883.0
8°	425.4	436.8	447.2	479.4	517.9	553.3	604.2	653.1	711.4	773.8	841.4
9°	351.5	363.0	373.4	404.6	443.0	480.5	533.5	586.6	650.0	720.7	796.6
10°	289.1	299.5	308.9	338.0	375.4	413.9	467.0	523.1	593.8	666.6	750.9
11°	235.0	243.4	253.8	281.8	316.2	354.6	405.6	462.8	535.6	613.6	701.0
12°	194.5	203.8	210.1	233.0	265.2	301.6	350.5	408.7	481.5	561.6	655.2
13°	162.2	169.5	175.8	195.5	222.6	255.8	301.6	358.8	430.6	511.7	607.4
14°	137.3	142.5	146.6	165.4	189.3	218.4	259.0	315.1	383.8	465.9	563.7
15°	116.5	121.7	125.8	140.4	161.2	187.2	222.6	273.5	341.1	422.2	522.1
17.5°	85.3	88.4	91.5	99.8	113.4	131.0	157.0	195.5	250.6	327.6	426.4
20°	67.6	69.7	71.8	77.0	86.3	97.8	116.5	144.6	188.2	251.7	345.3
22.5°	57.2	58.2	60.3	63.4	69.7	77.0	90.5	111.3	144.6	196.6	280.8
25°	51.0	52.0	53.0	55.1	59.3	64.5	73.8	89.4	115.4	157.0	227.8
27.5°	47.8	47.8	48.9	49.9	52.0	56.2	63.4	74.9	94.6	129.0	189.3
30°	46.8	46.8	46.8	46.8	47.8	51.0	55.1	64.5	80.1	109.2	161.2
32.5°	46.8	46.8	45.8	45.8	45.8	46.8	49.9	57.2	69.7	94.6	140.4
35°	48.9	47.8	46.8	45.8	44.7	44.7	46.8	51.0	62.4	83.2	124.8
37.5°	48.9	48.9	47.8	45.8	43.7	43.7	43.7	47.8	56.2	74.9	112.3
40°	47.8	47.8	46.8	45.8	43.7	42.6	42.6	44.7	52.0	68.6	101.9
42.5°	44.7	44.7	43.7	43.7	42.6	41.6	40.6	41.6	47.8	62.4	92.6
45°	39.5	39.5	40.6	40.6	39.5	39.5	39.5	40.6	44.7	58.2	83.2
47.5°	34.3	34.3	34.3	35.4	36.4	36.4	36.4	37.4	41.6	53.0	74.9
50°	28.1	28.1	29.1	30.2	31.2	32.2	33.3	34.3	38.5	48.9	66.6
52.5°	22.9	22.9	23.9	25.0	27.0	28.1	30.2	31.2	35.4	43.7	58.2
55°	17.7	17.7	18.7	19.8	21.8	23.9	25.0	27.0	31.2	38.5	49.9
57.5°	12.5	13.5	13.5	15.6	16.6	19.8	20.8	23.9	27.0	33.3	42.6
60°	9.4	9.4	10.4	11.4	12.5	14.6	16.6	19.8	22.9	28.1	35.4
62.5°	6.2	7.3	7.3	8.3	9.4	11.4	13.5	15.6	18.7	22.9	29.1
65°	5.2	5.2	5.2	6.2	7.3	8.3	10.4	12.5	14.6	18.7	23.9
67.5°	4.2	4.2	4.2	4.2	5.2	6.2	7.3	9.4	11.4	14.6	18.7
70°	3.1	3.1	3.1	4.2	4.2	5.2	5.2	7.3	8.3	11.4	14.6
72.5°	3.1	3.1	3.1	3.1	3.1	3.1	4.2	5.2	6.2	8.3	11.4
75°	2.1	2.1	2.1	2.1	3.1	3.1	3.1	4.2	5.2	6.2	8.3
77.5°	2.1	2.1	2.1	2.1	2.1	2.1	3.1	3.1	4.2	5.2	6.2
80°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	3.1	3.1	4.2
82.5°	1.0	1.0	1.0	1.0	2.1	2.1	2.1	2.1	2.1	2.1	3.1
85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.1	2.1	2.1
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P273506

CATALOG NUMBER: 0.10-5W-835-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
90°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
92.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
95°	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	1.0	1.0	1.0	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: P273506

CATALOG NUMBER: 0.10-5W-835-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1
1°	1045.2	1046.2	1048.3	1050.4	1055.6	1057.7	1055.6	1050.4	1048.3	1046.2	1045.2
2°	1033.8	1037.9	1043.1	1047.3	1053.5	1056.6	1053.5	1047.3	1043.1	1037.9	1033.8
3°	1018.2	1024.4	1034.8	1043.1	1051.4	1054.6	1051.4	1043.1	1034.8	1024.4	1018.2
4°	996.3	1005.7	1022.3	1035.8	1047.3	1051.4	1047.3	1035.8	1022.3	1005.7	996.3
5°	970.3	983.8	1008.8	1027.5	1043.1	1049.4	1043.1	1027.5	1008.8	983.8	970.3
6°	939.1	958.9	992.2	1016.1	1036.9	1044.2	1036.9	1016.1	992.2	958.9	939.1
7°	904.8	928.7	972.4	1004.6	1029.6	1039.0	1029.6	1004.6	972.4	928.7	904.8
8°	867.4	897.5	950.6	992.2	1022.3	1033.8	1022.3	992.2	950.6	897.5	867.4
9°	828.9	864.2	926.6	976.6	1014.0	1027.5	1014.0	976.6	926.6	864.2	828.9
10°	786.2	827.8	901.7	961.0	1003.6	1021.3	1003.6	961.0	901.7	827.8	786.2
11°	743.6	790.4	873.6	943.3	992.2	1011.9	992.2	943.3	873.6	790.4	743.6
12°	701.0	751.9	844.5	923.5	979.7	1001.5	979.7	923.5	844.5	751.9	701.0
13°	658.3	713.4	814.3	902.7	965.1	990.1	965.1	902.7	814.3	713.4	658.3
14°	616.7	676.0	784.2	880.9	950.6	977.6	950.6	880.9	784.2	676.0	616.7
15°	578.2	637.5	753.0	857.0	932.9	963.0	932.9	857.0	753.0	637.5	578.2
17.5°	482.6	547.0	672.9	793.5	883.0	917.3	883.0	793.5	672.9	547.0	482.6
20°	400.4	459.7	593.8	723.8	820.6	859.0	820.6	723.8	593.8	459.7	400.4
22.5°	330.7	389.0	520.0	652.1	750.9	790.4	750.9	652.1	520.0	389.0	330.7
25°	273.5	329.7	453.4	581.4	677.0	714.5	677.0	581.4	453.4	329.7	273.5
27.5°	229.8	280.8	397.3	514.8	605.3	639.6	605.3	514.8	397.3	280.8	229.8
30°	197.6	242.3	349.4	455.5	538.7	572.0	538.7	455.5	349.4	242.3	197.6
32.5°	173.7	212.2	307.8	402.5	477.4	507.5	477.4	402.5	307.8	212.2	173.7
35°	153.9	189.3	270.4	352.6	418.1	446.2	418.1	352.6	270.4	189.3	153.9
37.5°	138.3	168.5	237.1	306.8	363.0	389.0	363.0	306.8	237.1	168.5	138.3
40°	124.8	150.8	208.0	262.1	313.0	334.9	313.0	262.1	208.0	150.8	124.8
42.5°	112.3	134.2	178.9	224.6	268.3	289.1	268.3	224.6	178.9	134.2	112.3
45°	100.9	118.6	155.0	192.4	228.8	246.5	228.8	192.4	155.0	118.6	100.9
47.5°	88.4	103.0	132.1	164.3	194.5	209.0	194.5	164.3	132.1	103.0	88.4
50°	78.0	88.4	112.3	139.4	165.4	176.8	165.4	139.4	112.3	88.4	78.0
52.5°	66.6	75.9	94.6	117.5	139.4	148.7	139.4	117.5	94.6	75.9	66.6
55°	57.2	63.4	79.0	97.8	115.4	123.8	115.4	97.8	79.0	63.4	57.2
57.5°	47.8	53.0	65.5	81.1	95.7	101.9	95.7	81.1	65.5	53.0	47.8
60°	39.5	43.7	54.1	66.6	78.0	83.2	78.0	66.6	54.1	43.7	39.5
62.5°	32.2	36.4	43.7	54.1	63.4	66.6	63.4	54.1	43.7	36.4	32.2
65°	27.0	29.1	35.4	43.7	49.9	53.0	49.9	43.7	35.4	29.1	27.0
67.5°	21.8	23.9	29.1	34.3	39.5	42.6	39.5	34.3	29.1	23.9	21.8
70°	16.6	18.7	22.9	27.0	31.2	32.2	31.2	27.0	22.9	18.7	16.6
72.5°	12.5	14.6	17.7	20.8	23.9	25.0	23.9	20.8	17.7	14.6	12.5
75°	9.4	11.4	13.5	15.6	17.7	18.7	17.7	15.6	13.5	11.4	9.4
77.5°	7.3	8.3	9.4	11.4	12.5	13.5	12.5	11.4	9.4	8.3	7.3
80°	5.2	5.2	7.3	7.3	8.3	8.3	8.3	7.3	7.3	5.2	5.2
82.5°	3.1	4.2	4.2	5.2	5.2	5.2	5.2	5.2	4.2	4.2	3.1
85°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P273506

CATALOG NUMBER: 0.10-5W-835-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
90°	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0
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: P273506

CATALOG NUMBER: 0.10-5W-835-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1	1043.1
1°	1044.2	1037.9	1034.8	1032.7	1027.5	1024.4	1022.3	1017.1	1011.9	1010.9	1009.8
2°	1032.7	1022.3	1013.0	1006.7	996.3	988.0	982.8	972.4	962.0	961.0	956.8
3°	1015.0	996.3	980.7	967.2	949.5	933.9	923.5	906.9	890.2	890.2	880.9
4°	989.0	962.0	937.0	916.2	890.2	865.3	849.7	826.8	805.0	798.7	791.4
5°	957.8	921.4	887.1	857.0	823.7	790.4	768.6	739.4	711.4	705.1	695.8
6°	922.5	875.7	832.0	792.5	751.9	710.3	683.3	649.0	618.8	610.5	600.1
7°	883.0	825.8	771.7	720.7	677.0	630.2	598.0	561.6	529.4	520.0	508.6
8°	841.4	773.8	711.4	653.1	604.2	553.3	517.9	479.4	447.2	436.8	425.4
9°	796.6	720.7	650.0	586.6	533.5	480.5	443.0	404.6	373.4	363.0	351.5
10°	750.9	666.6	593.8	523.1	467.0	413.9	375.4	338.0	308.9	299.5	289.1
11°	701.0	613.6	535.6	462.8	405.6	354.6	316.2	281.8	253.8	243.4	235.0
12°	655.2	561.6	481.5	408.7	350.5	301.6	265.2	233.0	210.1	203.8	194.5
13°	607.4	511.7	430.6	358.8	301.6	255.8	222.6	195.5	175.8	169.5	162.2
14°	563.7	465.9	383.8	315.1	259.0	218.4	189.3	165.4	146.6	142.5	137.3
15°	522.1	422.2	341.1	273.5	222.6	187.2	161.2	140.4	125.8	121.7	116.5
17.5°	426.4	327.6	250.6	195.5	157.0	131.0	113.4	99.8	91.5	88.4	85.3
20°	345.3	251.7	188.2	144.6	116.5	97.8	86.3	77.0	71.8	69.7	67.6
22.5°	280.8	196.6	144.6	111.3	90.5	77.0	69.7	63.4	60.3	58.2	57.2
25°	227.8	157.0	115.4	89.4	73.8	64.5	59.3	55.1	53.0	52.0	51.0
27.5°	189.3	129.0	94.6	74.9	63.4	56.2	52.0	49.9	48.9	47.8	47.8
30°	161.2	109.2	80.1	64.5	55.1	51.0	47.8	46.8	46.8	46.8	46.8
32.5°	140.4	94.6	69.7	57.2	49.9	46.8	45.8	45.8	45.8	46.8	46.8
35°	124.8	83.2	62.4	51.0	46.8	44.7	44.7	45.8	46.8	47.8	48.9
37.5°	112.3	74.9	56.2	47.8	43.7	43.7	43.7	45.8	47.8	48.9	48.9
40°	101.9	68.6	52.0	44.7	42.6	42.6	43.7	45.8	46.8	47.8	47.8
42.5°	92.6	62.4	47.8	41.6	40.6	41.6	42.6	43.7	43.7	44.7	44.7
45°	83.2	58.2	44.7	40.6	39.5	39.5	39.5	40.6	40.6	39.5	39.5
47.5°	74.9	53.0	41.6	37.4	36.4	36.4	36.4	35.4	34.3	34.3	34.3
50°	66.6	48.9	38.5	34.3	33.3	32.2	31.2	30.2	29.1	28.1	28.1
52.5°	58.2	43.7	35.4	31.2	30.2	28.1	27.0	25.0	23.9	22.9	22.9
55°	49.9	38.5	31.2	27.0	25.0	23.9	21.8	19.8	18.7	17.7	17.7
57.5°	42.6	33.3	27.0	23.9	20.8	19.8	16.6	15.6	13.5	13.5	12.5
60°	35.4	28.1	22.9	19.8	16.6	14.6	12.5	11.4	10.4	9.4	9.4
62.5°	29.1	22.9	18.7	15.6	13.5	11.4	9.4	8.3	7.3	7.3	6.2
65°	23.9	18.7	14.6	12.5	10.4	8.3	7.3	6.2	5.2	5.2	5.2
67.5°	18.7	14.6	11.4	9.4	7.3	6.2	5.2	4.2	4.2	4.2	4.2
70°	14.6	11.4	8.3	7.3	5.2	5.2	4.2	4.2	3.1	3.1	3.1
72.5°	11.4	8.3	6.2	5.2	4.2	3.1	3.1	3.1	3.1	3.1	3.1
75°	8.3	6.2	5.2	4.2	3.1	3.1	3.1	2.1	2.1	2.1	2.1
77.5°	6.2	5.2	4.2	3.1	3.1	2.1	2.1	2.1	2.1	2.1	2.1
80°	4.2	3.1	3.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
82.5°	3.1	2.1	2.1	2.1	2.1	2.1	2.1	1.0	1.0	1.0	1.0
85°	2.1	2.1	2.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P273506

CATALOG NUMBER: 0.10-5W-835-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
90°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
92.5°	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
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: P273506

CATALOG NUMBER: 0.10-5W-835-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1043.1	1043.1	1043.1	1043.1
1°	1007.8	1008.8	1010.9	1009.8
2°	951.6	949.5	951.6	952.6
3°	872.6	868.4	869.4	863.2
4°	779.0	771.7	771.7	765.4
5°	680.2	670.8	668.7	663.5
6°	581.4	571.0	567.8	563.7
7°	488.8	477.4	474.2	470.1
8°	405.6	394.2	391.0	385.8
9°	332.8	321.4	318.2	314.1
10°	274.6	259.0	255.8	251.7
11°	222.6	211.1	208.0	203.8
12°	183.0	174.7	170.6	167.4
13°	151.8	145.6	142.5	142.5
14°	129.0	123.8	119.6	120.6
15°	110.2	106.1	103.0	103.0
17.5°	81.1	79.0	77.0	77.0
20°	64.5	63.4	62.4	62.4
22.5°	55.1	55.1	54.1	54.1
25°	49.9	49.9	48.9	48.9
27.5°	47.8	47.8	47.8	47.8
30°	46.8	47.8	47.8	47.8
32.5°	48.9	49.9	49.9	49.9
35°	49.9	51.0	52.0	52.0
37.5°	51.0	51.0	52.0	52.0
40°	48.9	48.9	48.9	48.9
42.5°	44.7	44.7	44.7	44.7
45°	39.5	38.5	38.5	38.5
47.5°	33.3	32.2	32.2	32.2
50°	27.0	27.0	26.0	26.0
52.5°	21.8	20.8	20.8	20.8
55°	16.6	15.6	15.6	15.6
57.5°	11.4	11.4	11.4	10.4
60°	8.3	8.3	7.3	7.3
62.5°	6.2	5.2	5.2	5.2
65°	4.2	4.2	4.2	4.2
67.5°	4.2	3.1	3.1	3.1
70°	3.1	3.1	3.1	3.1
72.5°	2.1	2.1	2.1	2.1
75°	2.1	2.1	2.1	2.1
77.5°	2.1	2.1	2.1	2.1
80°	2.1	1.0	1.0	1.0
82.5°	1.0	1.0	1.0	1.0
85°	1.0	1.0	1.0	1.0
87.5°	1.0	1.0	1.0	1.0



TEST NUMBER: P273506

CATALOG NUMBER: 0.10-5W-835-10-OD-STD-UNV-AN-1F6

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
90°	1.0	1.0	1.0	1.0
92.5°	1.0	1.0	1.0	1.0
95°	1.0	1.0	0.0	0.0
97.5°	1.0	0.0	0.0	1.0
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)