

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: METALUX

Report Number: P563532

Luminaire Tested: **2NWS23C3-UNV-MED-4000K**

Issue Date: 7/18/2022



Test Information

Test Method: LM-79-08
Report Number: P563532
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (s22030032a-01)
Test Lab: INNOVATION CENTER
Issue Date: 7/18/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 2NWS23C3-UNV-MED-4000K
Description: 2 FOOT NWS SELETABLE WRAP AT 3500K AND MED LUMEN SETTING
Light Source: -
Ballast/Driver:

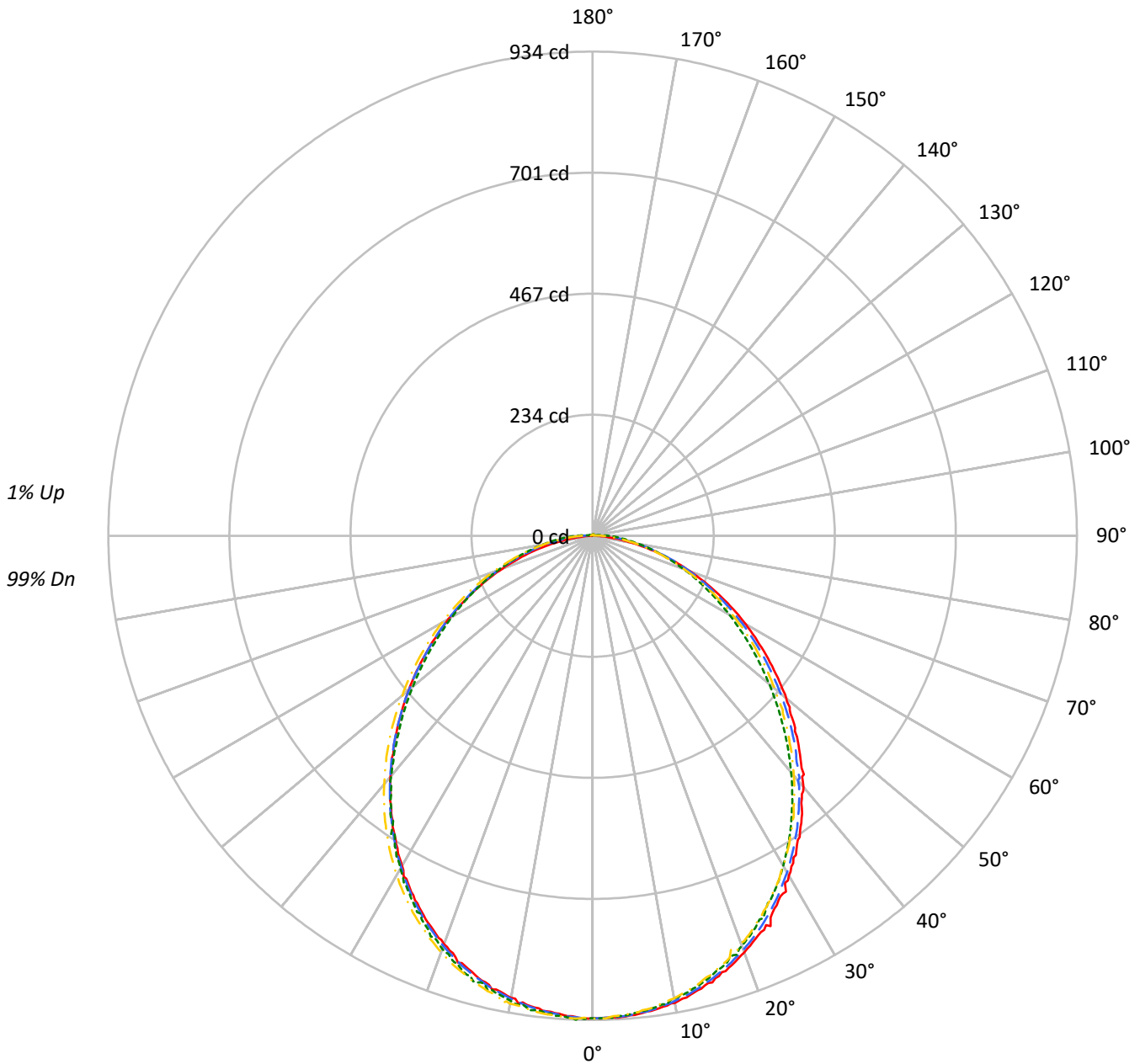
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2366.0 lumens
Efficiency: N/A
Efficacy: 135.2 lumens/watt
Spacing Criteria (0/90/45): 1.2 / 1.18 / 1.29
Luminous Opening: Rectangular w/ Sides (W: 0.44' x L: 2' x H: 0.08')
CIE Type: Direct

Input Watts (W): 17.5
Input Voltage (V):
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





TEST NUMBER: P563532

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20									20									20									20									
RC	80									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	0																
RCR																																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99																			
1	109	104	100	96	106	102	98	94	97	94	91	93	91	88	90	88	86	84																			
2	99	91	85	79	97	89	83	78	86	80	76	82	78	74	79	76	72	70																			
3	91	80	73	66	88	79	71	66	76	69	64	73	68	63	70	66	62	60																			
4	83	72	63	56	81	70	62	56	68	61	55	65	59	54	63	58	54	51																			
5	77	64	55	49	75	63	55	49	61	54	48	59	52	47	57	51	47	45																			
6	71	58	49	43	69	57	49	43	55	48	42	53	47	42	52	46	41	39																			
7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	47	41	37	35																			
8	62	48	40	34	60	48	40	34	46	39	34	45	38	33	44	38	33	31																			
9	58	44	36	31	56	44	36	31	43	35	31	41	35	30	40	34	30	28																			
10	54	41	33	28	53	40	33	28	39	33	28	38	32	28	37	32	27	26																			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11314	11314	11314	11314
5°	11283	11098	11208	11108
10°	11217	10837	11089	10882
15°	11107	10546	10916	10666
20°	10903	10192	10684	10267
25°	10694	9778	10410	9884
30°	10376	9315	10080	9393
35°	10061	8769	9689	8797
40°	9707	8171	9306	8273
45°	9242	7526	8818	7637
50°	8785	6871	8340	7000
55°	8274	6221	7828	6370
60°	7724	5587	7288	5745
65°	7108	4973	6638	5154
70°	6391	4359	5903	4551
75°	5462	3725	5019	3960
80°	4239	3064	3752	3332
85°	2602	2490	2110	2685



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.9	3.7
10°-20°	248.9	10.5
20°-30°	367.9	15.6
30°-40°	425.2	18.0
40°-50°	415.6	17.6
50°-60°	351.4	14.9
60°-70°	254.1	10.7
70°-80°	144.8	6.1
80°-90°	50.8	2.1
90°-100°	8.3	0.4
100°-110°	2.6	0.1
110°-120°	2.0	0.1
120°-130°	1.7	0.1
130°-140°	1.5	0.1
140°-150°	1.5	0.1
150°-160°	1.0	0.0
160°-170°	0.6	0.0
170°-180°	0.2	0.0
0°-30°	704.7	29.8
0°-40°	1129.9	47.8
0°-60°	1896.9	80.2
0°-90°	2346.6	99.2
90°-120°	12.9	0.5
90°-150°	17.6	0.7
90°-180°	19.0	0.8
0°-180°	2366.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	931	931	931	931	931	
5°	928	924	922	925	928	88
15°	892	880	877	890	892	251
25°	813	793	791	801	813	374
35°	698	668	672	671	698	435
45°	560	520	534	528	560	432
55°	414	372	391	381	414	370
65°	269	242	251	251	269	267
75°	134	135	123	143	134	143
85°	28	56	22	60	28	32
90°	2	30	0	31	2	2
95°	0	14	0	13	0	0
105°	1	4	1	5	1	1
115°	2	2	2	4	2	1
125°	2	1	2	3	2	1
135°	2	2	2	2	2	1
145°	2	3	2	2	2	1
155°	2	2	2	2	2	1
165°	2	2	2	2	2	0
175°	1	2	1	2	1	0
180°	2	2	2	2	2	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
0°	930.7	930.7	930.7	930.7	930.7	930.7	930.7	930.7	930.7	930.7	930.7
0.5°	930.8	934.1	924.1	942.7	930.7	930.5	930.9	933.0	929.8	931.4	929.8
1°	931.4	932.8	923.4	938.1	930.4	930.7	930.6	934.1	931.5	930.7	929.3
1.5°	930.2	932.2	922.8	944.4	930.0	930.6	930.1	934.5	932.2	931.0	928.9
2°	930.5	930.0	922.4	941.4	930.2	929.6	931.0	931.6	930.2	930.0	930.6
2.5°	929.9	928.5	922.4	937.4	931.9	929.4	929.5	929.6	929.8	931.4	927.8
3°	930.9	930.1	922.4	937.9	929.5	929.6	929.4	934.1	928.2	928.1	927.5
3.5°	930.2	927.6	921.3	936.9	929.2	928.2	928.5	932.2	929.0	927.7	926.4
4°	929.4	933.6	926.1	941.2	928.5	928.0	927.5	928.2	927.3	927.3	926.4
4.5°	927.9	929.4	920.9	937.8	928.1	926.7	926.2	928.7	926.9	925.7	926.2
5°	927.9	930.7	919.4	934.5	927.3	925.8	926.4	926.5	925.5	924.3	923.0
5.5°	926.7	926.1	920.1	936.1	925.3	924.2	924.7	926.7	925.0	923.6	921.8
6°	925.7	929.4	917.8	931.1	924.2	924.0	924.1	921.4	923.4	922.0	921.4
6.5°	923.6	920.0	916.7	932.4	924.1	922.9	922.4	924.7	923.2	921.1	918.5
7°	923.8	926.6	915.2	931.8	922.6	921.0	921.0	931.3	922.1	919.3	918.7
7.5°	921.9	921.4	917.9	931.3	920.9	919.7	919.5	916.3	919.8	917.9	916.4
8°	920.3	920.7	912.9	930.1	918.7	917.8	917.5	919.9	916.9	916.2	913.2
8.5°	918.8	920.2	910.4	928.0	917.6	916.3	915.3	915.3	916.8	914.0	912.3
9°	917.8	923.1	910.5	924.7	915.6	914.9	914.1	915.2	913.4	915.1	909.5
9.5°	914.6	915.7	907.4	920.7	913.9	913.2	912.5	913.8	910.9	908.4	908.9
10°	915.3	914.6	905.9	922.9	911.5	911.0	910.5	909.6	911.5	906.9	907.2
10.5°	912.5	911.6	904.0	918.9	909.5	909.1	908.0	906.4	906.2	905.0	904.9
11°	909.7	908.4	903.7	918.0	908.9	906.2	906.0	906.8	905.8	903.4	902.4
11.5°	909.0	907.1	900.1	912.5	905.4	903.7	903.3	903.2	902.2	900.6	899.9
12°	905.2	905.2	898.5	911.1	903.3	901.9	901.3	900.5	897.2	898.3	896.4
12.5°	902.6	901.9	894.7	909.9	900.3	899.1	898.0	900.1	896.7	895.1	893.4
13°	899.6	901.9	899.0	905.2	898.0	896.8	895.9	894.3	894.0	893.0	890.9
13.5°	898.5	897.6	890.5	911.3	896.1	893.7	892.9	891.9	891.8	889.8	887.9
14°	894.1	895.8	888.7	903.3	891.9	890.8	889.9	890.7	889.2	886.4	884.6
14.5°	891.2	893.3	852.0	901.0	889.0	887.9	886.7	893.4	884.5	883.8	880.9
15°	892.3	888.9	879.2	891.6	886.9	884.7	883.9	884.7	883.2	880.0	878.1
15.5°	885.7	880.1	879.2	897.2	883.2	881.7	880.3	878.6	881.4	875.7	875.4
16°	883.8	884.6	875.7	884.6	879.1	878.4	877.2	876.7	874.5	871.6	872.0
16.5°	878.1	880.8	871.5	889.0	876.9	875.2	873.1	872.4	871.2	869.9	868.3
17°	878.0	876.1	891.3	884.3	873.6	871.7	870.5	869.6	867.0	867.0	863.8
17.5°	873.5	873.1	865.2	882.0	869.6	868.1	866.4	868.1	868.4	862.7	860.2
18°	870.6	870.0	860.1	877.4	865.8	864.9	863.3	863.2	860.7	856.1	856.6
18.5°	866.7	867.5	859.1	873.1	861.6	860.3	859.5	859.5	856.6	853.4	852.7
19°	862.5	863.5	857.2	869.2	858.8	856.7	855.8	856.2	852.7	854.9	848.4
19.5°	858.5	861.0	854.0	865.8	855.9	852.8	851.3	850.2	849.0	845.7	844.6
20°	855.5	852.8	849.0	862.1	851.2	848.5	847.4	845.0	844.4	841.6	840.2
20.5°	850.8	849.6	843.9	857.6	846.8	844.6	843.1	844.2	841.3	837.2	836.6
21°	847.2	846.4	838.9	852.8	842.7	840.5	839.3	838.4	836.4	832.5	831.1



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
22.5°	834.5	838.2	826.3	838.8	829.6	827.0	826.3	826.8	822.2	819.3	817.3
23°	830.4	827.8	823.2	838.5	824.9	822.6	821.3	817.7	816.3	813.3	811.6
23.5°	829.0	828.3	816.8	833.7	820.3	818.4	817.9	817.1	811.9	807.2	806.9
24°	821.9	819.8	814.9	827.5	815.4	812.8	817.3	809.2	806.7	807.9	802.1
24.5°	827.5	815.7	807.0	818.4	810.5	808.0	806.2	804.9	801.5	800.8	796.4
25°	812.7	810.3	805.7	817.7	805.5	803.3	800.5	797.1	795.8	792.7	792.1
25.5°	805.6	804.9	797.1	815.6	800.8	797.8	795.1	796.7	791.2	785.1	786.7
26°	800.1	799.2	793.2	805.3	795.3	792.6	790.8	793.2	785.5	782.2	781.4
26.5°	796.0	795.6	786.8	800.5	790.8	787.1	785.8	781.8	779.5	776.9	773.6
27°	789.8	789.7	778.6	793.9	785.1	782.3	779.3	777.0	774.6	771.0	769.7
27.5°	784.4	783.6	775.5	789.5	779.8	776.9	773.6	772.4	770.4	765.5	763.7
28°	781.9	779.4	770.1	784.0	773.9	771.5	768.6	767.4	762.0	759.7	757.6
28.5°	781.1	776.1	768.3	779.5	768.2	765.3	763.0	761.9	756.3	753.9	752.0
29°	765.2	767.5	760.6	772.1	762.7	759.5	757.7	753.5	751.0	747.4	745.5
29.5°	764.6	764.3	755.0	767.7	757.4	753.9	749.8	747.8	744.5	741.5	739.5
30°	756.9	753.8	746.8	763.6	751.6	748.4	744.4	746.1	738.8	735.4	733.5
30.5°	752.4	759.5	743.8	756.5	745.8	742.6	738.8	735.8	733.0	728.9	727.0
31°	744.4	746.5	736.7	749.0	739.7	736.4	732.9	729.2	726.1	722.4	721.1
31.5°	740.8	738.8	739.0	745.1	733.4	729.9	726.5	724.5	719.4	715.8	714.1
32°	731.5	733.4	726.4	743.4	727.4	723.9	719.8	716.7	712.9	709.4	707.1
32.5°	730.0	727.7	716.4	729.3	721.4	717.6	713.7	710.6	705.9	702.4	701.7
33°	721.5	722.0	715.1	725.3	715.3	711.6	707.2	703.6	698.8	696.1	694.3
33.5°	714.5	715.3	707.8	720.8	708.9	705.1	700.8	695.2	692.8	689.5	687.8
34°	707.9	707.2	702.8	721.7	702.4	698.5	693.7	693.1	685.9	683.0	679.7
34.5°	705.1	702.7	696.7	707.2	695.9	691.6	687.0	683.3	677.9	675.6	673.6
35°	697.6	696.0	688.7	701.7	689.9	685.7	680.4	676.6	672.8	668.4	666.3
35.5°	690.4	690.3	682.6	693.9	682.9	678.8	673.6	669.7	664.4	661.4	659.5
36°	684.7	683.2	676.3	686.1	676.7	672.5	666.5	661.8	657.2	654.3	653.2
36.5°	677.8	676.5	670.1	680.4	669.7	665.0	659.1	659.9	652.3	647.2	645.9
37°	671.6	669.7	663.9	674.7	663.7	658.5	653.3	647.0	645.0	640.2	638.3
37.5°	662.8	664.1	656.7	665.1	656.0	651.5	645.8	642.2	636.6	632.5	631.9
38°	653.9	656.9	650.2	659.5	649.3	645.2	638.6	633.6	629.7	625.2	623.9
38.5°	648.0	649.6	644.4	653.7	643.0	637.8	632.1	626.3	621.7	618.1	617.1
39°	641.3	642.9	636.9	648.1	636.2	630.5	623.2	621.8	614.0	610.6	608.8
39.5°	638.6	636.2	630.2	640.3	629.0	623.6	619.0	612.2	607.6	603.3	602.0
40°	633.0	629.6	623.3	625.3	614.6	616.7	611.2	603.7	599.8	595.9	594.3
40.5°	624.5	622.7	616.8	624.8	620.8	609.1	603.2	597.7	591.7	588.1	586.9
41°	615.9	615.7	609.3	618.5	605.8	602.2	595.4	593.1	586.4	580.5	579.3
41.5°	615.0	608.1	602.4	611.5	600.8	595.0	588.8	582.4	578.0	573.0	572.1
42°	602.6	601.0	595.3	604.4	589.7	587.5	580.8	576.8	569.8	565.4	563.9
42.5°	594.9	594.7	588.2	596.4	582.2	580.6	573.6	568.5	561.8	558.2	556.9
43°	588.3	587.7	581.5	593.0	578.7	573.4	566.2	560.5	554.3	550.4	549.3
43.5°	581.0	580.7	574.9	581.6	571.6	565.6	558.8	553.2	547.0	542.5	541.7



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
45°	559.9	559.3	552.7	560.1	549.6	544.0	536.4	529.3	523.5	519.8	519.3
45.5°	553.0	552.0	545.7	552.9	542.5	536.7	529.1	521.0	516.4	512.2	511.7
46°	542.5	544.4	538.4	545.6	535.3	529.1	521.9	515.3	508.4	504.5	503.7
46.5°	538.4	536.9	531.0	538.5	527.8	521.4	514.1	507.7	501.0	497.0	496.1
47°	531.5	529.8	524.9	531.4	520.6	514.4	506.2	501.0	493.5	490.0	489.6
47.5°	522.8	522.2	515.3	523.5	513.2	506.6	498.8	493.1	485.7	482.0	481.1
48°	513.8	514.0	510.0	516.5	506.3	499.0	491.7	485.2	478.9	474.5	473.8
48.5°	507.7	508.6	502.2	509.1	498.4	491.6	484.0	478.0	470.1	466.6	465.8
49°	503.7	501.1	495.9	501.2	491.3	484.4	476.2	469.6	463.3	459.6	459.3
49.5°	493.0	491.9	487.9	493.4	483.6	477.1	469.7	461.4	455.6	452.0	450.5
50°	487.5	487.9	481.0	487.0	476.4	469.9	461.6	454.7	448.1	444.5	444.2
50.5°	481.3	477.7	472.7	479.1	469.0	461.6	454.1	448.0	440.6	437.0	435.5
51°	471.9	471.6	466.1	471.6	462.0	454.8	446.5	439.2	433.7	429.7	429.4
51.5°	464.5	463.0	458.7	463.9	454.2	447.1	439.2	432.8	425.8	422.2	421.5
52°	457.3	455.6	452.0	456.1	446.9	439.9	432.0	421.5	418.7	415.0	414.4
52.5°	450.2	449.6	444.7	449.2	439.8	432.7	424.6	417.5	411.5	407.8	406.6
53°	441.9	441.8	436.0	441.9	432.0	425.2	417.2	410.5	404.1	400.6	399.4
53.5°	435.1	435.0	427.6	435.1	425.1	418.0	410.1	403.1	396.8	393.4	392.5
54°	427.9	427.3	423.0	427.5	418.0	410.6	402.3	396.3	389.9	386.0	385.0
54.5°	420.0	419.2	414.9	419.9	410.0	403.6	395.3	392.0	382.9	379.1	378.9
55°	413.5	412.2	407.3	413.1	402.9	396.0	388.2	381.0	375.5	372.1	371.0
55.5°	405.9	405.5	402.3	403.7	395.8	389.1	380.8	374.3	368.6	365.0	364.6
56°	398.4	397.9	393.7	397.4	388.6	381.7	374.8	367.4	361.7	358.1	357.7
56.5°	391.1	389.9	389.1	390.0	381.1	374.6	367.1	359.9	354.7	351.1	350.9
57°	382.9	382.6	379.7	383.2	373.9	367.4	359.5	353.0	348.1	344.6	345.1
57.5°	376.2	375.0	372.0	377.5	366.9	360.3	353.0	345.9	340.8	337.6	336.3
58°	370.0	368.9	364.4	368.2	359.7	353.7	345.8	340.8	334.0	330.7	330.8
58.5°	361.8	360.7	356.9	361.0	352.5	346.3	338.7	332.3	327.6	324.3	323.9
59°	355.9	353.2	349.9	353.6	345.6	339.7	332.3	326.0	320.8	317.8	317.1
59.5°	347.3	347.3	342.7	346.9	338.6	332.3	325.5	319.1	314.2	310.9	310.7
60°	340.5	340.3	335.6	339.3	331.2	325.4	318.7	313.0	306.8	304.4	304.1
60.5°	332.9	332.8	328.5	332.2	324.4	318.6	311.5	306.2	300.8	298.2	297.6
61°	326.7	325.7	321.2	325.2	317.5	311.6	305.1	299.9	294.9	291.5	290.8
61.5°	319.5	318.0	313.9	318.4	310.6	304.9	298.1	293.2	288.3	285.2	285.1
62°	311.5	310.4	308.0	310.6	303.5	298.3	291.8	286.1	281.5	279.0	279.1
62.5°	304.8	304.1	300.0	303.4	296.9	291.4	285.2	279.8	276.0	272.9	271.7
63°	297.5	296.3	295.7	296.6	289.7	284.9	278.5	277.5	268.6	266.6	266.4
63.5°	290.6	289.4	287.6	289.5	283.2	278.1	272.5	267.6	263.1	260.4	260.2
64°	283.0	281.6	279.2	282.5	275.5	271.6	265.9	261.5	256.9	254.3	253.8
64.5°	276.3	275.3	272.6	275.7	269.8	265.2	259.7	254.3	250.9	248.6	248.3
65°	269.1	268.5	265.8	269.5	258.9	258.7	253.1	248.9	244.7	242.4	242.0
65.5°	262.1	261.3	258.6	261.8	255.9	252.3	246.8	242.9	238.9	236.6	236.1
66°	255.3	254.7	251.4	255.0	249.8	245.7	240.6	236.9	232.5	230.6	229.8



TEST NUMBER: P563532

CATALOG NUMBER: 2NWS23C3-UNV-MED-4000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
67.5°	234.2	234.1	232.0	234.3	230.2	226.6	222.1	218.9	215.1	213.4	212.6
68°	227.6	226.7	225.4	227.8	223.5	220.5	216.3	213.3	209.6	207.6	207.4
68.5°	220.0	219.4	218.4	220.9	217.2	214.2	210.5	207.4	204.3	202.2	201.3
69°	213.3	213.0	211.7	214.4	210.8	208.1	205.2	201.7	198.2	196.8	196.2
69.5°	206.7	206.4	203.8	209.4	204.6	201.9	198.6	195.8	192.9	191.1	190.3
70°	200.3	199.7	196.8	201.2	198.1	196.0	193.0	190.4	188.1	185.8	185.1
70.5°	193.0	193.0	191.3	194.9	191.9	189.9	187.2	184.6	182.1	180.3	179.7
71°	186.1	185.9	184.8	188.1	185.8	184.0	181.6	179.3	176.8	175.2	174.3
71.5°	179.6	180.2	178.1	182.1	179.7	178.0	176.0	173.9	171.4	170.0	169.7
72°	173.1	173.2	172.5	176.1	173.6	172.5	170.4	168.3	166.3	164.8	164.9
72.5°	166.8	166.7	165.7	169.2	167.5	166.6	164.7	163.2	160.7	159.6	159.4
73°	160.2	160.1	159.2	163.1	161.6	160.9	159.5	157.8	155.9	154.4	153.8
73.5°	153.5	153.0	152.9	156.9	155.7	155.3	153.8	152.5	150.8	149.6	148.9
74°	147.1	147.2	146.5	150.5	149.9	149.6	148.7	147.7	145.8	144.5	143.8
74.5°	140.7	140.5	140.3	144.5	144.1	144.2	143.3	142.1	140.8	139.7	138.8
75°	134.3	134.4	134.3	138.4	138.4	138.8	138.0	137.3	136.2	134.8	134.2
75.5°	127.9	127.9	128.9	134.4	132.8	133.2	132.8	132.2	131.2	129.8	129.2
76°	121.8	122.2	121.9	126.6	127.1	128.0	127.4	127.7	126.4	125.8	124.5
76.5°	115.3	116.0	116.4	121.1	121.6	122.7	122.9	122.5	121.7	120.8	119.9
77°	109.4	109.7	110.4	114.4	116.2	117.6	117.7	117.8	117.0	116.1	115.3
77.5°	104.0	103.6	105.1	109.4	110.9	112.2	112.4	112.7	112.5	111.5	110.7
78°	97.6	98.2	98.9	103.9	105.7	107.3	108.5	108.5	107.8	107.2	106.3
78.5°	91.4	92.0	93.5	98.5	100.4	102.4	103.4	104.0	103.6	102.9	102.1
79°	86.3	86.1	88.1	92.8	95.3	97.6	98.6	99.3	99.1	98.7	97.9
79.5°	80.4	80.3	82.1	87.8	90.2	92.7	94.1	94.9	94.9	94.3	93.5
80°	74.8	75.1	77.2	82.7	85.3	88.1	89.6	90.8	90.9	90.3	89.6
80.5°	69.3	69.8	72.1	77.4	80.6	83.4	85.2	86.6	86.8	86.4	85.5
81°	64.0	64.4	67.0	72.5	75.8	79.0	81.8	82.5	83.1	82.6	81.7
81.5°	59.2	59.7	62.4	67.7	71.1	74.5	77.3	78.6	79.0	78.8	78.1
82°	54.4	55.1	57.9	62.9	66.6	70.4	73.1	74.7	75.3	75.1	74.3
82.5°	49.7	50.4	53.4	58.6	62.0	66.2	69.1	71.2	71.7	71.5	70.4
83°	44.9	45.7	48.9	54.4	58.2	61.8	65.2	67.3	68.1	68.0	67.3
83.5°	40.2	41.0	44.5	50.2	54.4	58.4	61.8	63.8	64.7	64.6	64.0
84°	35.8	36.9	40.0	46.0	50.7	55.0	58.5	60.7	61.7	62.3	61.0
84.5°	31.5	32.5	35.9	41.8	47.0	51.6	55.3	57.6	58.7	59.2	58.1
85°	27.5	28.4	31.9	38.0	43.2	48.2	52.1	54.6	55.7	56.1	55.1
85.5°	23.6	24.6	28.2	34.3	39.8	44.9	48.9	51.5	52.7	53.1	52.1
86°	20.0	21.0	24.6	30.9	36.6	41.8	45.7	48.4	49.6	50.0	49.2
86.5°	16.6	17.5	21.3	27.7	33.4	38.7	42.7	45.6	46.9	47.1	46.4
87°	13.4	14.4	18.3	24.6	30.5	35.8	39.9	42.7	44.1	44.5	43.7
87.5°	10.4	11.5	15.6	21.8	27.7	33.1	37.2	40.0	41.6	41.9	41.0
88°	7.6	8.9	13.0	19.2	25.1	30.4	34.5	37.5	38.9	39.4	38.6
88.5°	6.1	6.5	10.8	16.8	22.6	27.9	32.1	35.1	36.6	37.0	36.2



TEST NUMBER: P563532

CATALOG NUMBER: 2NWS23C3-UNV-MED-4000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
90°	1.7	2.7	6.1	10.9	16.3	21.3	25.3	28.3	29.9	30.3	29.7
90.5°	0.2	1.4	5.2	9.4	14.4	19.3	23.4	26.3	27.9	28.4	27.7
91°	0.2	0.9	4.2	8.0	12.8	17.6	21.5	24.4	26.0	26.5	25.8
91.5°	0.2	0.6	3.2	6.8	11.3	15.8	19.6	22.5	24.1	24.6	23.9
92°	0.2	0.5	2.2	5.9	9.9	14.3	18.0	20.7	22.3	22.9	22.3
92.5°	0.1	0.4	1.7	5.0	8.7	12.8	16.4	19.1	20.7	21.2	20.6
93°	0.1	0.3	1.4	4.2	7.6	11.5	14.9	17.6	19.1	19.6	19.0
93.5°	0.1	0.3	1.1	3.3	6.6	10.3	13.6	16.1	17.6	18.1	17.6
94°	0.1	0.3	0.9	2.8	5.9	9.2	12.3	14.8	16.3	16.8	16.2
94.5°	0.1	0.2	0.8	2.4	5.2	8.2	11.2	13.5	15.0	15.4	15.0
95°	0.2	0.3	0.7	2.1	4.5	7.3	10.1	12.5	13.7	14.2	13.7
95.5°	0.2	0.3	0.6	1.8	3.8	6.5	9.1	11.3	12.6	13.1	12.6
96°	0.2	0.3	0.6	1.6	3.4	5.9	8.2	10.2	11.6	12.0	11.5
96.5°	0.2	0.2	0.5	1.5	3.0	5.3	7.4	9.4	10.6	11.0	10.6
97°	0.2	0.3	0.5	1.4	2.7	4.7	6.7	8.5	9.7	10.1	9.7
97.5°	0.3	0.3	0.5	1.3	2.4	4.1	6.1	7.8	8.9	9.3	8.9
98°	0.3	0.3	0.5	1.1	2.2	3.7	5.6	7.1	8.1	8.5	8.2
98.5°	0.3	0.4	0.5	1.0	2.1	3.4	5.1	6.5	7.4	7.8	7.5
99°	0.3	0.4	0.5	1.0	2.0	3.2	4.6	6.1	6.8	7.1	6.9
99.5°	0.4	0.5	0.5	0.9	1.8	3.0	4.2	5.6	6.4	6.6	6.4
100°	0.4	0.5	0.5	0.8	1.7	2.8	4.0	5.2	5.9	6.1	5.9
100.5°	0.5	0.5	0.5	0.8	1.6	2.7	3.7	4.8	5.5	5.7	5.5
101°	0.5	0.6	0.6	0.8	1.5	2.5	3.5	4.5	5.0	5.3	5.0
101.5°	0.5	0.6	0.6	0.8	1.4	2.4	3.3	4.2	4.7	4.8	4.7
102°	0.6	0.7	0.6	0.8	1.3	2.2	3.2	4.1	4.5	4.6	4.5
102.5°	0.6	0.7	0.7	0.8	1.3	2.1	3.0	3.8	4.2	4.4	4.3
103°	0.7	0.7	0.6	0.8	1.2	2.0	2.8	3.6	4.0	4.2	4.1
103.5°	0.7	0.8	0.6	0.8	1.2	1.9	2.7	3.4	3.9	4.0	3.9
104°	0.8	0.8	0.7	0.8	1.1	1.8	2.5	3.3	3.7	3.8	3.7
104.5°	0.8	0.9	0.7	0.9	1.1	1.7	2.4	3.1	3.5	3.7	3.6
105°	0.8	1.1	0.7	0.9	1.0	1.6	2.3	2.9	3.3	3.5	3.4
105.5°	0.8	1.2	0.7	1.0	1.0	1.5	2.2	2.8	3.2	3.3	3.2
106°	0.9	1.2	0.8	1.0	1.0	1.5	2.1	2.6	3.0	3.2	3.1
106.5°	0.9	1.2	0.8	1.0	1.1	1.4	2.0	2.5	2.9	3.0	2.9
107°	0.9	1.1	0.8	1.0	1.1	1.4	1.9	2.4	2.7	2.9	2.8
107.5°	1.0	1.1	0.9	1.1	1.1	1.3	1.8	2.3	2.6	2.7	2.6
108°	1.1	1.1	1.0	1.1	1.1	1.3	1.7	2.2	2.5	2.6	2.5
108.5°	1.1	1.2	1.0	1.0	1.1	1.3	1.6	2.1	2.4	2.5	2.4
109°	1.2	1.3	1.1	1.0	1.2	1.3	1.6	2.0	2.3	2.3	2.3
109.5°	1.3	1.3	1.1	1.0	1.2	1.3	1.5	1.9	2.2	2.3	2.2
110°	1.3	1.3	1.1	1.0	1.2	1.3	1.5	1.8	2.1	2.1	2.1
110.5°	1.4	1.4	1.1	1.0	1.2	1.3	1.4	1.7	2.0	2.1	2.0
111°	1.4	1.4	1.1	1.1	1.3	1.3	1.4	1.7	1.9	2.0	1.9



TEST NUMBER: P563532

CATALOG NUMBER: 2NWS23C3-UNV-MED-4000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
112.5°	1.5	1.4	1.2	1.1	1.3	1.4	1.4	1.5	1.7	1.7	1.7
113°	1.5	1.4	1.1	1.1	1.2	1.5	1.4	1.5	1.6	1.7	1.6
113.5°	1.5	1.4	1.1	1.1	1.2	1.5	1.5	1.5	1.6	1.6	1.6
114°	1.6	1.4	1.2	1.1	1.2	1.5	1.5	1.5	1.5	1.6	1.5
114.5°	1.6	1.4	1.3	1.1	1.2	1.5	1.5	1.5	1.5	1.5	1.5
115°	1.6	1.5	1.3	1.2	1.2	1.6	1.6	1.5	1.5	1.5	1.5
115.5°	1.6	1.6	1.4	1.2	1.2	1.6	1.6	1.6	1.5	1.5	1.6
116°	1.6	1.7	1.4	1.2	1.3	1.6	1.6	1.6	1.6	1.6	1.6
116.5°	1.6	1.7	1.6	1.2	1.3	1.5	1.6	1.6	1.6	1.6	1.6
117°	1.6	1.7	1.7	1.2	1.4	1.4	1.6	1.7	1.6	1.6	1.6
117.5°	1.5	1.7	1.8	1.3	1.4	1.3	1.7	1.7	1.7	1.7	1.7
118°	1.5	1.7	1.9	1.3	1.4	1.3	1.7	1.7	1.7	1.7	1.7
118.5°	1.5	1.7	1.9	1.3	1.4	1.3	1.8	1.7	1.8	1.7	1.8
119°	1.5	1.7	1.8	1.4	1.5	1.4	1.7	1.7	1.8	1.8	1.8
119.5°	1.5	1.7	1.8	1.4	1.5	1.4	1.6	1.8	1.8	1.8	1.8
120°	1.5	1.7	1.7	1.4	1.5	1.4	1.4	1.9	1.8	1.8	1.8
120.5°	1.5	1.7	1.7	1.5	1.6	1.4	1.4	1.9	1.8	1.8	1.8
121°	1.5	1.7	1.7	1.5	1.6	1.5	1.4	1.8	1.9	1.8	1.9
121.5°	1.6	1.7	1.7	1.6	1.6	1.5	1.4	1.6	1.9	1.9	1.9
122°	1.6	1.8	1.8	1.6	1.6	1.5	1.4	1.5	1.9	1.9	1.9
122.5°	1.6	1.8	1.9	1.7	1.7	1.6	1.4	1.4	1.7	1.8	1.7
123°	1.6	1.8	1.9	1.7	1.7	1.6	1.5	1.4	1.5	1.7	1.6
123.5°	1.6	1.8	2.0	1.8	1.7	1.6	1.5	1.4	1.4	1.5	1.4
124°	1.6	1.8	2.0	1.8	1.7	1.7	1.5	1.4	1.4	1.4	1.4
124.5°	1.6	1.8	2.0	1.9	1.7	1.7	1.6	1.4	1.4	1.4	1.4
125°	1.7	1.8	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.4	1.4
125.5°	1.7	1.8	2.0	2.0	1.8	1.7	1.6	1.5	1.4	1.4	1.4
126°	1.7	1.8	2.0	2.1	1.8	1.7	1.7	1.5	1.5	1.4	1.5
126.5°	1.7	1.8	2.0	2.2	1.9	1.8	1.7	1.6	1.5	1.4	1.5
127°	1.7	1.8	1.9	2.3	1.9	1.8	1.7	1.6	1.5	1.5	1.5
127.5°	1.7	1.8	1.9	2.3	1.9	1.8	1.7	1.6	1.6	1.5	1.6
128°	1.7	1.8	1.9	2.3	1.9	1.8	1.7	1.7	1.6	1.5	1.6
128.5°	1.7	1.9	1.8	2.3	1.9	1.9	1.8	1.7	1.6	1.6	1.6
129°	1.7	1.9	1.8	2.3	2.0	1.9	1.8	1.7	1.6	1.6	1.6
129.5°	1.7	1.9	1.7	2.2	2.0	1.9	1.8	1.7	1.7	1.6	1.7
130°	1.7	1.9	1.7	2.2	2.1	1.9	1.8	1.8	1.7	1.7	1.7
130.5°	1.8	1.8	1.7	2.1	2.1	2.0	1.9	1.8	1.7	1.7	1.7
131°	1.8	1.8	1.8	2.1	2.2	2.0	1.9	1.8	1.8	1.7	1.8
131.5°	1.8	1.9	1.8	2.1	2.2	2.0	1.9	1.8	1.8	1.7	1.8
132°	1.8	1.9	1.8	2.1	2.4	2.0	1.9	1.8	1.8	1.8	1.8
132.5°	1.8	1.9	1.8	2.1	2.5	2.1	2.0	1.9	1.8	1.8	1.8
133°	1.8	1.9	1.8	2.2	2.7	2.1	2.0	1.9	1.9	1.8	1.9
133.5°	1.8	1.9	1.8	2.2	2.8	2.1	2.0	1.9	1.9	1.8	1.9



TEST NUMBER: P563532

CATALOG NUMBER: 2NWS23C3-UNV-MED-4000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
135°	1.9	2.0	1.9	2.2	2.9	2.2	2.1	2.0	1.9	1.9	2.0
135.5°	1.9	2.0	2.0	2.2	2.9	2.3	2.1	2.0	2.0	1.9	2.0
136°	1.9	2.0	2.0	2.2	2.8	2.4	2.1	2.0	2.0	2.0	2.0
136.5°	1.9	2.0	2.0	2.2	2.7	2.5	2.2	2.1	2.0	2.0	2.0
137°	1.9	2.0	2.0	2.2	2.6	2.6	2.2	2.1	2.0	2.0	2.1
137.5°	1.9	2.0	2.1	2.2	2.6	2.7	2.2	2.1	2.1	2.0	2.1
138°	1.9	2.0	2.1	2.1	2.6	2.9	2.3	2.2	2.1	2.1	2.1
138.5°	1.9	2.0	2.1	2.1	2.5	3.1	2.3	2.2	2.1	2.1	2.1
139°	1.9	2.0	2.1	2.0	2.6	3.2	2.3	2.2	2.2	2.1	2.2
139.5°	1.9	2.0	2.2	2.0	2.6	3.2	2.4	2.3	2.2	2.1	2.2
140°	2.0	2.0	2.2	2.0	2.6	3.1	2.5	2.3	2.2	2.2	2.2
140.5°	2.0	1.9	2.2	1.9	2.6	3.0	2.6	2.3	2.2	2.2	2.2
141°	2.0	1.9	2.2	1.9	2.7	3.0	2.8	2.4	2.3	2.2	2.3
141.5°	2.0	1.9	2.2	2.0	2.7	2.9	3.0	2.4	2.3	2.3	2.3
142°	2.0	1.9	2.2	2.0	2.6	2.8	3.2	2.5	2.3	2.3	2.3
142.5°	2.0	2.0	2.3	2.0	2.6	2.7	3.3	2.6	2.4	2.3	2.4
143°	2.0	2.0	2.3	2.0	2.5	2.7	3.3	2.7	2.4	2.4	2.4
143.5°	2.0	2.1	2.3	2.0	2.5	2.6	3.2	2.9	2.5	2.4	2.5
144°	2.0	2.1	2.3	2.0	2.4	2.7	3.1	3.1	2.7	2.5	2.6
144.5°	2.0	2.1	2.3	2.1	2.3	2.7	3.0	3.3	2.8	2.6	2.8
145°	2.0	2.1	2.4	2.1	2.2	2.7	2.9	3.3	3.0	2.8	3.0
145.5°	2.1	2.1	2.4	2.1	2.2	2.7	2.8	3.3	3.2	3.0	3.1
146°	2.1	2.0	2.4	2.1	2.1	2.7	2.7	3.2	3.3	3.2	3.3
146.5°	2.1	2.0	2.4	2.2	2.1	2.7	2.7	3.1	3.3	3.3	3.3
147°	2.1	2.0	2.4	2.2	2.0	2.7	2.7	3.0	3.3	3.3	3.3
147.5°	2.1	1.9	2.4	2.2	2.0	2.6	2.7	2.8	3.1	3.2	3.2
148°	2.1	1.9	2.4	2.2	2.0	2.5	2.7	2.8	3.0	3.1	3.0
148.5°	2.0	1.9	2.4	2.2	2.0	2.4	2.7	2.7	2.9	3.0	2.9
149°	2.0	1.9	2.3	2.3	2.0	2.4	2.7	2.7	2.8	2.8	2.8
149.5°	2.0	1.9	2.3	2.3	2.0	2.3	2.7	2.7	2.7	2.7	2.8
150°	1.9	1.9	2.3	2.3	2.0	2.2	2.7	2.7	2.7	2.7	2.7
150.5°	2.0	1.9	2.3	2.3	2.0	2.1	2.6	2.8	2.7	2.7	2.7
151°	2.0	1.9	2.3	2.3	2.0	2.0	2.5	2.8	2.7	2.7	2.7
151.5°	2.0	1.9	2.3	2.3	2.0	2.0	2.5	2.8	2.8	2.7	2.7
152°	2.0	1.9	2.3	2.3	2.1	2.0	2.4	2.7	2.8	2.7	2.7
152.5°	2.0	1.9	2.3	2.3	2.1	1.9	2.3	2.6	2.8	2.7	2.7
153°	2.0	1.9	2.3	2.4	2.1	1.9	2.2	2.6	2.7	2.7	2.7
153.5°	2.0	1.9	2.3	2.4	2.1	1.9	2.1	2.5	2.7	2.7	2.6
154°	2.0	1.9	2.3	2.4	2.2	1.9	2.0	2.4	2.6	2.6	2.6
154.5°	2.0	1.9	2.3	2.4	2.2	2.0	2.0	2.3	2.5	2.5	2.5
155°	2.0	1.9	2.3	2.4	2.2	2.0	1.9	2.2	2.4	2.4	2.4
155.5°	2.0	1.9	2.3	2.4	2.2	2.0	1.9	2.1	2.3	2.3	2.3
156°	2.0	1.8	2.3	2.3	2.2	2.0	1.9	2.0	2.1	2.2	2.2



TEST NUMBER: P563532

CATALOG NUMBER: 2NWS23C3-UNV-MED-4000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
157.5°	2.0	1.8	2.2	2.4	2.3	2.1	2.0	1.9	1.9	1.9	1.9
158°	2.0	1.8	2.2	2.4	2.3	2.2	2.0	1.9	1.9	1.9	1.9
158.5°	2.0	1.8	2.2	2.4	2.3	2.2	2.0	1.9	1.9	1.9	1.9
159°	2.0	1.8	2.2	2.4	2.3	2.2	2.0	1.9	1.9	1.9	1.9
159.5°	2.0	1.8	2.2	2.4	2.3	2.2	2.1	2.0	1.9	1.9	1.9
160°	2.0	1.8	2.2	2.3	2.3	2.2	2.1	2.0	1.9	1.9	1.9
160.5°	2.0	1.8	2.2	2.3	2.3	2.3	2.1	2.0	1.9	1.9	1.9
161°	2.0	1.8	2.2	2.3	2.3	2.3	2.2	2.1	2.0	1.9	2.0
161.5°	2.0	1.8	2.1	2.3	2.3	2.3	2.2	2.1	2.0	2.0	2.0
162°	1.9	1.8	2.1	2.3	2.3	2.3	2.2	2.1	2.0	2.0	2.0
162.5°	1.8	1.8	2.1	2.3	2.3	2.3	2.2	2.2	2.1	2.0	2.1
163°	1.8	1.8	2.1	2.3	2.3	2.3	2.3	2.2	2.1	2.1	2.1
163.5°	1.8	1.8	2.1	2.3	2.3	2.3	2.3	2.2	2.1	2.1	2.1
164°	1.7	1.7	2.1	2.3	2.3	2.3	2.3	2.2	2.2	2.1	2.2
164.5°	1.7	1.7	2.1	2.2	2.3	2.3	2.3	2.3	2.2	2.2	2.2
165°	1.7	1.7	2.1	2.2	2.3	2.3	2.3	2.3	2.2	2.2	2.2
165.5°	1.7	1.7	2.1	2.2	2.3	2.3	2.3	2.3	2.3	2.2	2.3
166°	1.7	1.7	2.0	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3
166.5°	1.7	1.7	1.9	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3
167°	1.5	1.6	1.8	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3
167.5°	1.4	1.4	1.8	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3
168°	1.4	1.3	1.8	2.1	2.3	2.3	2.3	2.3	2.3	2.3	2.3
168.5°	1.4	1.4	1.6	2.0	2.2	2.3	2.3	2.3	2.3	2.3	2.3
169°	1.3	1.4	1.4	2.0	2.1	2.3	2.3	2.3	2.3	2.3	2.3
169.5°	1.4	1.4	1.4	1.8	2.0	2.3	2.3	2.3	2.3	2.3	2.3
170°	1.4	1.4	1.4	1.5	2.0	2.2	2.3	2.3	2.3	2.3	2.3
170.5°	1.4	1.4	1.4	1.5	2.0	2.1	2.2	2.3	2.3	2.3	2.3
171°	1.4	1.4	1.4	1.4	1.9	2.0	2.2	2.3	2.3	2.3	2.3
171.5°	1.4	1.4	1.4	1.4	1.9	2.0	2.2	2.2	2.2	2.3	2.3
172°	1.4	1.4	1.4	1.4	1.9	1.9	2.2	2.2	2.2	2.2	2.2
172.5°	1.4	1.4	1.4	1.4	1.9	1.9	2.2	2.2	2.2	2.2	2.2
173°	1.3	1.4	1.4	1.4	1.7	1.9	2.2	2.2	2.2	2.2	2.2
173.5°	1.3	1.4	1.4	1.4	1.5	1.9	2.1	2.2	2.2	2.2	2.1
174°	1.3	1.3	1.4	1.4	1.5	1.9	2.0	2.2	2.2	2.2	2.0
174.5°	1.4	1.4	1.4	1.4	1.4	1.8	1.9	2.2	2.2	2.2	2.0
175°	1.4	1.4	1.4	1.4	1.4	1.5	1.9	2.1	2.2	2.2	2.0
175.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.9	1.9	2.1	2.0	1.9
176°	1.4	1.4	1.4	1.4	1.4	1.4	1.7	1.9	2.1	1.9	1.8
176.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.9	2.0	1.9	1.5
177°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.8	1.8	1.8	1.5
177.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.7	1.7	1.7	1.5
178°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.6	1.5	1.5	1.4
178.5°	1.8	1.7	1.6	1.5	1.4	1.4	1.4	1.4	1.4	1.3	1.4



TEST NUMBER: P563532

CATALOG NUMBER: 2NWS23C3-UNV-MED-4000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P563532

CATALOG NUMBER: 2NWS23C3-UNV-MED-4000K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
0°	930.7	930.7	930.7	930.7	930.7	930.7	930.7	930.7	930.7	930.7	930.7
0.5°	927.5	931.5	933.5	930.4	931.4	929.2	931.3	931.2	933.6	911.8	940.9
1°	929.5	929.8	932.0	929.3	930.3	929.7	930.2	930.9	929.4	921.8	939.6
1.5°	928.7	930.2	933.5	930.0	929.6	927.4	931.1	931.0	925.3	923.6	942.8
2°	931.6	930.8	931.1	927.8	929.2	927.3	930.3	928.8	927.7	921.4	937.1
2.5°	928.7	928.9	927.4	927.5	928.5	927.6	928.7	927.3	928.1	921.8	937.1
3°	927.0	928.8	929.2	926.0	927.7	927.3	924.0	927.9	928.9	926.4	937.0
3.5°	925.5	915.6	926.6	926.3	926.0	925.2	926.3	926.5	924.8	918.5	935.7
4°	924.4	922.4	926.4	925.0	926.0	923.5	926.4	924.2	926.1	916.7	934.8
4.5°	924.9	927.3	925.8	923.6	924.9	925.7	924.2	923.6	924.4	913.6	939.5
5°	923.0	937.3	925.8	922.4	922.9	919.9	924.7	921.8	922.2	917.0	934.9
5.5°	922.3	923.6	925.1	921.2	921.3	919.6	924.4	921.7	924.1	915.1	931.5
6°	921.3	921.5	920.4	919.9	921.1	919.7	920.5	921.5	920.8	913.2	929.6
6.5°	919.2	920.2	920.4	918.5	918.5	917.6	918.9	917.4	918.9	912.4	929.5
7°	917.6	921.3	919.4	917.8	917.0	916.6	923.1	916.7	918.1	909.4	928.3
7.5°	915.8	916.5	917.3	915.5	915.7	914.3	926.3	915.5	916.0	909.2	925.2
8°	913.9	915.4	914.6	913.3	913.6	910.9	912.4	913.7	913.6	908.2	924.2
8.5°	912.3	913.1	912.3	911.8	911.2	908.7	912.7	910.3	911.8	907.4	920.9
9°	910.6	910.9	910.7	909.1	909.1	906.8	910.5	913.5	909.8	900.5	917.1
9.5°	908.3	909.2	908.9	906.4	907.6	904.9	908.5	905.2	908.2	903.8	921.5
10°	904.5	906.8	906.4	905.4	905.2	904.1	904.9	904.9	914.7	899.8	923.2
10.5°	903.6	904.7	904.0	902.6	902.7	901.9	903.0	903.0	903.8	896.4	912.2
11°	900.6	901.1	901.2	899.9	900.3	898.5	900.6	899.5	898.5	893.8	907.3
11.5°	898.2	899.3	899.3	898.0	897.6	897.4	894.7	896.8	896.2	890.5	907.7
12°	896.0	896.5	896.7	894.4	895.0	893.8	894.6	894.5	893.6	887.9	905.9
12.5°	893.3	893.2	893.5	891.3	892.0	891.7	891.3	896.4	894.6	888.1	906.1
13°	889.9	890.5	890.3	889.7	888.5	889.5	889.7	888.9	889.4	874.8	898.9
13.5°	886.8	887.2	887.8	885.6	886.5	885.2	887.1	885.7	886.0	883.6	897.6
14°	883.5	884.7	883.9	882.0	882.9	880.9	882.2	884.5	883.4	870.4	894.2
14.5°	880.9	880.5	879.4	879.5	880.0	878.3	879.4	880.9	880.3	866.5	891.2
15°	877.9	878.3	878.9	876.5	876.2	874.9	878.0	877.0	876.4	871.5	887.9
15.5°	874.0	874.3	874.0	873.0	872.8	870.9	874.0	872.8	873.7	868.9	888.1
16°	871.1	873.1	870.3	869.3	869.5	869.6	868.9	869.5	870.9	862.9	880.4
16.5°	866.5	865.8	867.1	864.3	866.0	866.1	864.7	865.9	865.6	862.2	876.4
17°	863.3	864.3	862.9	863.0	862.5	860.8	864.8	861.9	863.7	858.5	874.7
17.5°	860.1	860.7	861.3	858.2	858.8	856.3	860.3	863.7	858.7	851.9	868.4
18°	855.5	856.4	856.6	855.2	854.7	853.3	855.6	855.1	856.6	849.8	864.9
18.5°	851.4	852.4	854.4	829.3	850.9	849.4	849.8	848.9	851.9	846.2	862.3
19°	847.4	827.2	848.0	851.2	845.8	844.9	846.4	846.6	847.0	841.3	858.3
19.5°	843.5	845.5	842.9	844.7	841.5	841.0	843.1	841.3	843.6	837.5	853.2
20°	839.6	839.8	838.7	833.3	838.4	836.5	839.0	838.3	839.1	834.8	848.9
20.5°	834.9	834.7	835.2	833.4	833.3	832.3	834.6	832.5	836.4	828.3	846.3
21°	830.0	836.5	830.6	828.9	830.2	828.1	828.9	830.4	826.5	827.7	839.3



TEST NUMBER: P563532

CATALOG NUMBER: 2NWS23C3-UNV-MED-4000K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
22.5°	816.4	815.6	817.8	814.9	815.6	814.3	815.1	815.7	817.5	812.1	827.8
23°	812.5	811.9	810.6	810.0	811.4	809.4	812.6	811.2	812.7	807.3	821.8
23.5°	798.1	808.8	807.4	809.2	806.0	804.2	805.0	807.2	806.7	800.3	817.7
24°	800.7	806.1	802.8	800.9	801.7	799.4	801.7	801.0	805.8	793.0	812.7
24.5°	796.0	796.9	795.1	796.1	795.9	794.7	796.5	796.2	798.2	791.0	807.7
25°	791.3	791.1	791.6	791.0	791.1	789.5	790.7	791.1	792.8	785.1	802.1
25.5°	785.2	785.7	787.1	784.9	786.3	784.4	785.0	785.5	784.1	781.9	797.1
26°	780.4	781.4	782.5	780.3	780.4	778.9	780.4	782.2	781.9	775.3	791.2
26.5°	774.5	774.3	775.8	773.8	774.8	773.2	775.4	774.9	779.1	771.3	786.0
27°	769.6	768.7	767.6	770.6	769.8	767.6	769.8	770.9	768.4	765.6	780.7
27.5°	763.6	765.2	766.8	764.1	763.9	762.1	763.9	764.8	765.6	759.8	775.5
28°	757.7	759.5	759.0	758.3	758.8	757.7	757.8	758.6	762.1	754.3	769.2
28.5°	752.4	751.6	754.6	753.3	753.1	750.2	752.5	752.6	751.6	746.5	763.7
29°	746.6	746.0	746.7	746.8	747.2	748.8	746.5	752.0	746.2	742.1	756.5
29.5°	739.8	742.2	742.0	738.3	740.8	740.0	740.5	740.9	741.6	737.7	763.8
30°	724.1	734.6	735.2	734.4	735.2	733.9	735.2	735.3	736.7	732.0	740.8
30.5°	722.0	727.0	730.1	729.6	729.6	727.4	728.9	728.9	730.9	728.5	739.5
31°	718.9	723.8	723.0	722.7	723.8	721.8	722.8	723.7	724.5	719.6	734.1
31.5°	715.1	718.1	717.0	717.9	717.4	715.3	716.5	718.0	717.8	712.0	728.8
32°	709.9	709.9	710.6	711.7	711.1	709.6	710.4	710.6	712.1	707.5	722.2
32.5°	701.5	702.9	704.7	707.0	704.6	703.7	703.8	705.1	706.4	701.2	717.4
33°	695.1	695.4	697.9	697.6	698.5	697.3	698.3	698.0	699.4	694.0	709.3
33.5°	689.9	690.6	691.9	692.2	692.5	691.0	690.3	692.0	691.8	689.2	702.8
34°	682.3	681.5	687.1	685.5	686.0	684.2	686.0	686.6	686.6	682.8	696.3
34.5°	674.4	676.5	679.2	678.1	679.6	678.5	678.7	680.9	680.1	675.0	689.6
35°	668.0	669.8	672.0	671.5	673.1	671.1	672.4	671.8	674.0	670.1	683.0
35.5°	660.3	664.2	670.2	665.1	666.5	665.1	666.0	666.8	667.0	663.4	677.2
36°	654.1	655.9	660.5	659.5	659.7	659.5	659.6	661.1	658.6	657.4	670.1
36.5°	647.6	644.0	651.4	652.1	652.6	652.3	652.7	652.7	654.7	650.3	662.6
37°	637.4	642.5	644.8	645.9	646.5	645.5	646.0	646.7	644.9	644.0	656.0
37.5°	631.7	635.1	637.8	638.3	639.7	638.7	639.2	641.9	640.8	636.5	650.0
38°	626.7	624.1	631.3	632.1	632.4	630.9	632.4	632.3	639.5	631.2	643.7
38.5°	621.5	623.8	624.6	625.9	626.1	624.6	625.0	626.7	625.6	623.0	635.7
39°	609.1	617.1	618.0	618.3	619.3	618.1	619.3	619.4	625.6	617.4	628.6
39.5°	605.1	608.0	609.7	611.3	612.2	611.6	612.2	613.5	613.9	608.8	625.0
40°	594.0	598.7	602.7	604.1	605.5	604.1	605.4	606.8	607.1	602.8	613.2
40.5°	590.4	594.6	596.1	596.5	598.6	597.1	598.0	598.1	598.7	595.4	608.1
41°	581.4	584.7	587.7	586.3	591.3	589.9	591.1	591.3	593.1	586.2	597.2
41.5°	575.3	576.4	580.4	582.3	584.2	584.2	584.1	584.3	585.4	583.4	590.7
42°	566.6	571.5	575.2	576.2	577.6	576.1	577.0	579.6	579.1	576.3	586.6
42.5°	559.0	563.8	567.3	568.3	569.4	569.8	570.0	568.9	571.1	567.6	580.3
43°	551.4	554.5	558.3	562.5	563.0	562.2	562.5	563.2	559.6	561.7	572.6
43.5°	544.4	550.2	551.3	553.1	555.5	554.5	555.8	557.3	556.9	553.2	567.7



TEST NUMBER: P563532

CATALOG NUMBER: 2NWS23C3-UNV-MED-4000K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
45°	521.0	527.5	529.1	531.4	534.2	533.5	534.2	534.2	535.5	533.7	543.4
45.5°	514.0	519.8	523.3	526.9	527.0	525.4	527.2	527.5	529.4	524.8	537.4
46°	506.4	512.1	515.4	516.7	519.8	519.3	519.5	520.4	521.5	517.6	530.3
46.5°	498.0	504.0	508.4	510.4	512.2	512.2	513.6	513.3	514.3	509.9	519.5
47°	491.1	498.2	500.5	502.6	505.2	505.1	505.5	505.2	506.3	504.3	512.8
47.5°	484.4	488.9	493.6	501.3	497.8	497.7	498.4	498.9	499.6	497.6	507.7
48°	476.4	481.2	486.8	489.0	490.8	490.5	490.5	491.5	493.1	492.8	498.5
48.5°	468.7	474.6	479.4	480.7	483.5	483.4	485.2	484.8	485.8	481.2	491.6
49°	461.9	466.2	470.1	472.4	476.2	476.0	476.8	477.4	477.6	476.2	486.3
49.5°	454.3	458.6	464.9	470.1	469.0	469.4	469.6	470.0	470.9	469.5	478.0
50°	446.7	451.6	457.8	460.1	462.1	461.9	462.3	462.8	463.7	461.0	472.1
50.5°	439.2	444.3	450.1	451.1	454.7	455.1	455.0	455.9	455.9	456.1	462.3
51°	432.1	437.1	441.9	445.3	447.3	447.6	449.1	449.2	449.1	444.9	455.3
51.5°	423.9	429.4	435.1	437.3	440.3	439.9	442.9	441.3	441.9	439.1	448.0
52°	417.2	422.2	428.6	430.4	433.0	432.9	434.2	434.5	435.1	433.8	441.1
52.5°	410.4	414.9	421.8	425.4	426.0	426.6	426.4	427.1	427.3	424.5	433.3
53°	403.1	408.2	414.5	417.3	418.6	420.0	419.1	419.5	420.2	419.5	427.5
53.5°	396.1	400.7	407.0	408.9	411.3	412.7	412.0	412.6	412.6	411.1	419.6
54°	388.1	393.4	399.1	401.5	404.5	404.8	406.7	405.6	405.9	404.2	411.2
54.5°	382.2	386.3	391.1	395.4	397.0	397.2	398.2	398.1	399.0	396.9	406.8
55°	374.2	379.8	385.5	388.4	390.2	390.4	390.7	391.2	391.8	390.2	396.7
55.5°	367.6	372.3	377.1	382.4	383.1	383.2	382.6	383.6	385.5	382.6	391.3
56°	360.3	365.4	371.0	374.4	376.0	378.7	375.8	376.8	377.5	375.6	382.6
56.5°	353.7	358.6	363.7	367.0	368.9	369.3	370.5	369.5	370.7	369.4	375.6
57°	347.1	351.4	358.0	359.5	361.7	361.9	362.3	362.4	362.1	361.7	370.3
57.5°	339.8	344.4	349.1	352.5	354.9	353.9	354.4	355.2	356.2	356.5	362.6
58°	333.2	337.8	342.9	346.2	347.5	348.2	347.8	348.5	349.3	347.7	351.7
58.5°	326.2	330.5	336.0	339.5	340.7	342.1	341.0	342.4	341.7	340.6	347.4
59°	319.6	323.9	328.3	331.5	334.0	334.6	334.3	334.1	334.2	333.6	340.6
59.5°	313.2	314.4	323.1	324.3	327.0	326.6	326.4	327.2	327.4	326.5	334.5
60°	306.7	310.3	315.0	317.6	320.5	319.7	319.3	321.3	320.9	320.5	327.4
60.5°	300.0	303.9	310.0	310.5	313.0	314.2	313.2	313.1	313.5	313.5	320.2
61°	293.4	297.5	300.2	304.4	305.6	306.9	306.3	304.9	306.7	306.2	313.3
61.5°	287.0	291.0	296.0	297.2	299.1	298.9	298.9	299.2	300.3	300.0	304.7
62°	280.6	284.2	288.6	290.6	292.2	292.3	292.1	292.2	293.1	292.8	299.5
62.5°	274.5	277.8	281.7	283.6	286.3	285.9	285.2	285.5	287.1	285.9	291.4
63°	267.9	271.5	275.1	276.9	278.9	278.9	278.1	278.2	279.6	279.1	285.4
63.5°	261.9	265.1	268.7	269.5	272.2	271.5	271.5	271.2	272.7	272.4	278.2
64°	255.7	258.7	261.9	264.9	265.7	265.2	264.4	265.4	267.4	265.4	271.9
64.5°	249.5	252.5	255.9	259.6	258.9	258.6	257.7	259.3	259.2	259.2	265.8
65°	243.5	246.4	249.4	251.7	252.0	251.4	250.9	251.3	251.8	252.6	257.5
65.5°	237.6	240.2	243.1	244.9	245.3	244.8	245.1	244.5	246.0	245.7	251.1
66°	231.4	234.2	236.7	238.3	239.2	238.3	237.5	237.6	239.4	239.2	244.8



TEST NUMBER: P563532

CATALOG NUMBER: 2NWS23C3-UNV-MED-4000K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
67.5°	213.9	216.2	218.3	219.0	219.3	218.0	217.4	217.9	219.2	218.4	225.5
68°	208.4	210.3	212.1	213.7	213.1	211.8	211.0	211.1	212.7	213.2	219.0
68.5°	202.6	204.3	206.1	206.7	206.7	205.2	204.3	204.9	205.9	206.8	212.7
69°	197.0	198.6	200.2	200.6	200.3	198.8	197.7	198.1	199.3	199.8	206.6
69.5°	191.5	192.8	194.0	194.2	193.7	192.0	191.1	191.1	192.6	193.5	199.6
70°	185.9	187.3	188.0	188.3	188.1	186.1	184.6	185.0	186.0	186.9	193.5
70.5°	180.3	181.4	182.3	182.1	181.4	179.4	178.1	178.6	179.9	182.0	187.2
71°	174.8	176.0	176.5	176.5	175.2	173.3	172.2	171.9	174.0	174.9	180.7
71.5°	169.5	170.5	171.2	170.7	169.2	167.5	165.6	165.9	167.4	168.7	175.7
72°	164.4	165.0	165.4	164.9	163.0	160.7	159.4	159.4	161.1	162.6	168.8
72.5°	159.1	159.8	159.4	158.9	157.0	154.5	152.9	153.4	154.4	156.6	161.7
73°	153.9	154.2	154.5	153.1	151.1	148.5	146.7	147.5	148.4	150.8	156.5
73.5°	148.9	149.1	148.6	147.4	145.4	142.2	140.7	141.5	142.4	145.0	150.8
74°	143.6	143.7	143.4	141.7	139.3	135.9	134.3	135.5	136.5	139.1	145.2
74.5°	138.7	138.6	138.2	136.2	133.7	130.4	128.2	129.5	130.5	133.3	139.5
75°	134.0	133.7	132.6	130.8	127.9	124.4	122.2	123.4	124.9	127.5	133.8
75.5°	129.1	128.6	127.9	125.3	122.4	119.0	116.3	117.1	118.9	121.7	128.2
76°	124.1	123.7	123.5	120.1	116.7	112.8	110.5	111.0	113.0	116.4	122.4
76.5°	119.5	118.7	117.7	114.7	111.3	107.4	104.6	105.4	107.1	110.0	116.9
77°	114.8	114.0	112.5	109.6	105.9	101.8	98.9	99.5	101.8	104.4	111.4
77.5°	110.2	109.2	107.4	104.3	100.5	95.7	93.3	93.7	95.5	98.9	106.0
78°	105.6	104.5	102.7	99.1	95.3	90.8	87.7	88.0	90.3	93.4	101.0
78.5°	101.3	100.0	97.7	94.3	90.3	85.5	82.4	82.6	84.5	88.1	95.3
79°	96.9	95.4	92.9	89.5	85.1	80.4	77.0	77.1	79.2	82.9	90.6
79.5°	92.5	91.0	88.4	84.7	80.2	75.1	71.6	71.7	73.7	77.7	85.0
80°	88.5	86.7	83.8	79.9	75.2	70.2	66.5	66.2	68.6	72.5	79.3
80.5°	84.5	82.5	79.7	75.4	70.6	65.4	61.2	61.3	63.6	67.7	75.5
81°	80.4	78.4	75.3	71.0	65.9	61.5	56.8	56.5	58.7	63.0	70.4
81.5°	76.6	74.5	71.0	66.7	61.1	57.0	52.4	51.5	53.7	58.4	66.2
82°	72.9	70.6	67.3	62.3	57.1	52.5	48.0	46.7	49.2	53.8	61.1
82.5°	69.2	66.8	63.4	58.6	53.2	48.0	43.6	42.2	44.7	49.4	56.7
83°	65.7	63.2	59.9	55.0	49.3	43.5	39.2	37.9	40.2	44.9	52.4
83.5°	62.1	60.0	56.5	51.3	45.3	39.6	35.2	33.7	36.1	40.9	48.4
84°	59.1	56.9	53.1	47.7	41.6	35.6	31.2	29.8	32.2	37.0	44.5
84.5°	56.2	53.7	49.7	44.0	38.0	31.8	27.4	25.9	28.3	33.4	40.8
85°	53.3	50.5	46.3	40.7	34.5	28.2	23.8	22.3	24.7	29.7	37.0
85.5°	50.4	47.4	43.2	37.5	31.2	24.9	20.3	19.3	21.3	26.5	33.5
86°	47.4	44.4	40.2	34.4	28.1	21.7	17.0	16.2	18.5	23.0	30.3
86.5°	44.6	41.5	37.2	31.5	25.2	18.8	14.1	13.2	15.7	20.1	27.1
87°	41.9	38.8	34.4	28.8	22.5	16.1	11.3	10.1	12.9	17.7	24.2
87.5°	39.4	36.3	31.9	26.2	20.0	13.7	8.9	7.1	10.1	15.3	21.3
88°	36.8	33.8	29.3	23.8	17.6	11.5	6.6	4.8	7.3	12.9	19.0
88.5°	34.4	31.3	26.9	21.5	15.5	9.5	5.3	3.0	5.3	10.4	16.8



TEST NUMBER: P563532

CATALOG NUMBER: 2NWS23C3-UNV-MED-4000K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
90°	27.8	24.9	20.7	15.6	10.2	5.4	1.6	0.2	1.6	5.0	9.9
90.5°	26.0	23.0	18.9	13.9	8.8	4.5	1.1	0.2	1.1	3.8	8.3
91°	24.1	21.1	17.2	12.4	7.5	3.6	0.8	0.2	0.8	2.9	6.9
91.5°	22.3	19.4	15.5	11.0	6.4	2.6	0.5	0.2	0.6	2.3	5.7
92°	20.5	17.8	14.0	9.7	5.6	2.1	0.4	0.2	0.5	1.9	4.7
92.5°	18.9	16.2	12.6	8.5	4.8	1.7	0.3	0.2	0.5	1.6	3.9
93°	17.4	14.8	11.4	7.5	4.1	1.4	0.3	0.1	0.4	1.4	3.4
93.5°	16.0	13.5	10.2	6.6	3.3	1.1	0.2	0.1	0.4	1.3	3.0
94°	14.7	12.3	9.2	5.9	2.8	1.0	0.2	0.2	0.4	1.3	2.7
94.5°	13.5	11.3	8.2	5.3	2.5	0.9	0.2	0.2	0.4	1.2	2.5
95°	12.3	10.1	7.4	4.6	2.2	0.8	0.2	0.2	0.4	1.2	2.4
95.5°	11.3	9.2	6.6	3.9	1.9	0.7	0.3	0.2	0.4	1.2	2.3
96°	10.3	8.3	6.0	3.5	1.8	0.6	0.3	0.2	0.4	1.1	2.2
96.5°	9.4	7.5	5.4	3.2	1.6	0.6	0.3	0.3	0.4	1.1	2.1
97°	8.6	6.8	4.9	2.9	1.5	0.5	0.3	0.3	0.4	1.1	2.1
97.5°	7.9	6.3	4.3	2.6	1.3	0.5	0.3	0.3	0.3	1.1	2.0
98°	7.2	5.8	3.9	2.4	1.2	0.5	0.3	0.4	0.3	1.1	2.0
98.5°	6.6	5.3	3.6	2.3	1.1	0.5	0.3	0.4	0.3	1.1	2.0
99°	6.1	4.8	3.4	2.1	1.0	0.5	0.4	0.4	0.4	1.1	2.0
99.5°	5.7	4.4	3.2	2.0	1.0	0.5	0.4	0.5	0.4	1.1	1.9
100°	5.2	4.1	3.0	1.8	0.9	0.5	0.5	0.5	0.4	1.0	1.9
100.5°	4.8	3.9	2.9	1.7	0.9	0.6	0.5	0.5	0.4	1.0	1.9
101°	4.5	3.7	2.7	1.6	0.9	0.6	0.5	0.6	0.5	1.0	1.9
101.5°	4.2	3.5	2.6	1.5	0.9	0.6	0.6	0.6	0.5	1.0	1.9
102°	4.1	3.3	2.4	1.4	0.8	0.7	0.7	0.7	0.6	1.0	1.9
102.5°	3.9	3.2	2.3	1.4	0.8	0.7	0.7	0.7	0.6	1.0	1.9
103°	3.7	3.0	2.2	1.3	0.8	0.7	0.8	0.8	0.7	1.0	1.9
103.5°	3.5	2.9	2.1	1.2	0.9	0.8	0.8	0.9	0.7	1.0	1.9
104°	3.4	2.7	2.0	1.2	0.9	0.8	0.8	0.9	0.8	1.0	1.9
104.5°	3.2	2.6	1.9	1.2	0.9	0.8	0.9	1.0	0.8	1.0	1.9
105°	3.0	2.5	1.8	1.1	0.9	0.9	0.9	1.1	0.9	1.0	1.9
105.5°	2.9	2.3	1.7	1.1	1.0	0.9	1.0	1.1	1.0	1.0	1.9
106°	2.7	2.2	1.6	1.1	1.0	0.9	1.1	1.1	1.1	1.0	1.9
106.5°	2.6	2.1	1.5	1.1	1.1	1.0	1.3	1.2	1.3	1.0	1.9
107°	2.5	2.0	1.5	1.1	1.1	1.0	1.4	1.3	1.4	1.0	1.9
107.5°	2.3	1.9	1.4	1.1	1.1	1.0	1.5	1.3	1.4	1.0	1.9
108°	2.2	1.8	1.4	1.2	1.1	1.0	1.5	1.4	1.4	1.1	1.8
108.5°	2.1	1.7	1.4	1.2	1.1	1.1	1.5	1.4	1.4	1.1	1.8
109°	2.0	1.7	1.4	1.2	1.1	1.1	1.4	1.4	1.4	1.1	1.7
109.5°	2.0	1.6	1.4	1.2	1.1	1.1	1.4	1.4	1.4	1.1	1.7
110°	1.9	1.6	1.4	1.3	1.1	1.1	1.5	1.5	1.4	1.2	1.6
110.5°	1.8	1.5	1.4	1.3	1.2	1.2	1.5	1.5	1.4	1.2	1.6
111°	1.7	1.5	1.4	1.3	1.2	1.2	1.5	1.5	1.4	1.2	1.6



TEST NUMBER: P563532

CATALOG NUMBER: 2NWS23C3-UNV-MED-4000K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
112.5°	1.6	1.5	1.5	1.3	1.3	1.4	1.6	1.6	1.4	1.3	1.5
113°	1.5	1.5	1.5	1.2	1.3	1.4	1.6	1.6	1.5	1.4	1.5
113.5°	1.5	1.5	1.5	1.2	1.3	1.5	1.6	1.6	1.5	1.4	1.5
114°	1.5	1.5	1.5	1.1	1.3	1.5	1.7	1.7	1.5	1.5	1.4
114.5°	1.5	1.6	1.5	1.1	1.3	1.5	1.7	1.7	1.5	1.5	1.3
115°	1.6	1.6	1.6	1.2	1.4	1.5	1.7	1.7	1.5	1.5	1.2
115.5°	1.6	1.6	1.6	1.2	1.4	1.5	1.7	1.7	1.5	1.5	1.3
116°	1.6	1.7	1.6	1.2	1.4	1.6	1.7	1.7	1.5	1.5	1.3
116.5°	1.7	1.7	1.5	1.3	1.4	1.6	1.7	1.7	1.5	1.6	1.3
117°	1.7	1.7	1.4	1.3	1.4	1.7	1.7	1.6	1.5	1.6	1.3
117.5°	1.7	1.7	1.3	1.4	1.5	1.8	1.7	1.6	1.5	1.6	1.3
118°	1.8	1.7	1.3	1.4	1.5	1.9	1.7	1.6	1.4	1.7	1.4
118.5°	1.7	1.8	1.3	1.4	1.5	2.0	1.7	1.5	1.4	2.0	1.4
119°	1.7	1.7	1.4	1.5	1.6	2.0	1.7	1.5	1.4	2.1	1.4
119.5°	1.8	1.6	1.4	1.5	1.6	2.0	1.7	1.5	1.5	2.1	1.4
120°	1.8	1.5	1.4	1.5	1.6	2.0	1.7	1.6	1.5	2.0	1.4
120.5°	1.9	1.4	1.4	1.5	1.7	1.9	1.7	1.6	1.5	1.9	1.5
121°	1.8	1.4	1.5	1.6	1.7	1.9	1.8	1.6	1.5	1.8	1.5
121.5°	1.6	1.4	1.5	1.6	1.7	1.8	1.8	1.6	1.6	1.9	1.5
122°	1.5	1.4	1.5	1.6	1.8	1.8	1.8	1.6	1.6	1.9	1.6
122.5°	1.4	1.4	1.6	1.6	1.8	1.8	1.8	1.6	1.6	1.9	1.6
123°	1.4	1.5	1.6	1.7	1.8	1.8	1.9	1.6	1.6	1.8	1.6
123.5°	1.4	1.5	1.6	1.7	1.8	1.9	1.9	1.6	1.6	1.9	1.7
124°	1.4	1.5	1.6	1.7	1.9	1.9	1.9	1.7	1.6	1.9	1.7
124.5°	1.4	1.5	1.7	1.8	1.9	1.9	1.9	1.7	1.6	2.0	1.7
125°	1.5	1.6	1.7	1.8	2.0	2.0	1.9	1.7	1.7	2.0	1.7
125.5°	1.5	1.6	1.7	1.8	2.1	2.0	1.9	1.7	1.7	2.0	1.8
126°	1.5	1.6	1.7	1.8	2.2	2.0	2.0	1.7	1.7	2.0	1.8
126.5°	1.6	1.7	1.8	1.9	2.3	2.0	2.0	1.7	1.7	2.0	1.9
127°	1.6	1.7	1.8	1.9	2.4	2.0	2.0	1.7	1.7	2.0	2.0
127.5°	1.6	1.7	1.8	1.9	2.4	1.9	2.0	1.7	1.7	1.9	2.1
128°	1.7	1.7	1.9	2.0	2.5	1.9	2.0	1.7	1.7	1.9	2.3
128.5°	1.7	1.8	1.9	2.0	2.4	1.9	2.0	1.7	1.7	1.9	2.4
129°	1.7	1.8	1.9	2.0	2.4	1.9	2.0	1.7	1.7	1.9	2.4
129.5°	1.7	1.8	1.9	2.1	2.4	1.9	2.0	1.8	1.7	1.9	2.4
130°	1.8	1.8	1.9	2.1	2.3	1.9	2.0	1.8	1.7	1.9	2.2
130.5°	1.8	1.9	2.0	2.1	2.3	1.9	2.0	1.8	1.8	1.9	2.2
131°	1.8	1.9	2.0	2.2	2.3	1.8	2.0	1.8	1.8	1.8	2.2
131.5°	1.8	1.9	2.0	2.2	2.3	1.8	2.0	1.8	1.8	1.8	2.2
132°	1.9	1.9	2.1	2.3	2.3	1.8	2.0	1.8	1.8	1.8	2.2
132.5°	1.9	2.0	2.1	2.5	2.3	1.9	2.0	1.8	1.8	1.8	2.2
133°	1.9	2.0	2.1	2.6	2.2	1.9	2.0	1.8	1.8	1.8	2.2
133.5°	1.9	2.0	2.1	2.8	2.2	1.9	2.0	1.8	1.8	1.8	2.2



TEST NUMBER: P563532

CATALOG NUMBER: 2NWS23C3-UNV-MED-4000K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
135°	2.0	2.1	2.2	3.0	2.3	1.9	2.1	1.9	1.8	1.9	2.3
135.5°	2.0	2.1	2.3	3.0	2.3	2.0	2.1	1.8	1.9	1.9	2.3
136°	2.0	2.1	2.3	2.9	2.3	2.0	2.1	1.8	1.9	1.9	2.3
136.5°	2.1	2.2	2.4	2.8	2.3	2.0	2.1	1.9	1.9	2.0	2.3
137°	2.1	2.2	2.5	2.7	2.3	2.0	2.1	1.9	1.9	2.0	2.3
137.5°	2.1	2.2	2.6	2.7	2.3	2.1	2.2	1.9	1.9	2.0	2.3
138°	2.2	2.3	2.8	2.6	2.3	2.1	2.2	1.9	1.9	2.0	2.3
138.5°	2.2	2.3	2.9	2.6	2.3	2.2	2.2	1.9	1.9	2.1	2.3
139°	2.2	2.3	3.1	2.6	2.2	2.2	2.2	1.9	1.9	2.1	2.3
139.5°	2.2	2.4	3.2	2.6	2.2	2.2	2.2	1.9	1.9	2.1	2.2
140°	2.3	2.5	3.2	2.6	2.1	2.2	2.2	2.0	2.0	2.1	2.2
140.5°	2.3	2.6	3.1	2.6	2.1	2.2	2.3	2.0	2.0	2.2	2.2
141°	2.3	2.7	3.0	2.6	2.0	2.3	2.3	2.0	2.0	2.2	2.2
141.5°	2.4	2.9	2.9	2.7	2.0	2.3	2.3	2.0	2.0	2.2	2.2
142°	2.5	3.0	2.8	2.7	2.0	2.3	2.3	2.0	2.0	2.2	2.1
142.5°	2.6	3.1	2.8	2.7	2.0	2.3	2.3	2.0	2.0	2.3	2.1
143°	2.7	3.2	2.7	2.6	2.0	2.3	2.2	2.0	2.0	2.3	2.1
143.5°	2.9	3.2	2.7	2.6	2.0	2.3	2.2	2.0	2.0	2.3	2.1
144°	3.0	3.1	2.6	2.5	2.0	2.3	2.2	2.0	2.0	2.3	2.1
144.5°	3.2	3.0	2.6	2.5	2.0	2.3	2.1	2.0	2.0	2.3	2.1
145°	3.3	2.9	2.7	2.4	2.1	2.3	2.1	2.0	2.0	2.3	2.1
145.5°	3.3	2.8	2.7	2.4	2.1	2.3	2.1	2.0	2.0	2.3	2.1
146°	3.2	2.8	2.7	2.3	2.1	2.4	2.1	2.0	2.0	2.3	2.2
146.5°	3.1	2.7	2.7	2.2	2.1	2.4	2.1	2.0	2.0	2.4	2.2
147°	3.0	2.7	2.7	2.1	2.1	2.4	2.1	2.0	2.0	2.4	2.2
147.5°	2.9	2.7	2.7	2.1	2.1	2.4	2.1	2.1	2.0	2.4	2.2
148°	2.8	2.7	2.6	2.0	2.2	2.4	2.1	2.1	2.0	2.4	2.3
148.5°	2.7	2.7	2.6	2.0	2.2	2.3	2.1	2.1	2.0	2.4	2.3
149°	2.7	2.7	2.5	2.0	2.2	2.3	2.2	2.1	2.0	2.4	2.3
149.5°	2.7	2.7	2.4	2.0	2.2	2.3	2.1	2.1	2.0	2.4	2.3
150°	2.7	2.7	2.3	2.0	2.2	2.3	2.1	2.1	2.0	2.4	2.3
150.5°	2.7	2.7	2.2	2.0	2.2	2.3	2.1	2.1	2.0	2.4	2.3
151°	2.8	2.6	2.2	2.0	2.3	2.3	2.1	2.1	2.0	2.4	2.4
151.5°	2.8	2.6	2.1	2.0	2.3	2.3	2.1	2.1	2.0	2.4	2.4
152°	2.7	2.5	2.0	2.0	2.3	2.4	2.2	2.1	2.0	2.4	2.4
152.5°	2.7	2.4	2.0	2.0	2.3	2.4	2.2	2.1	2.0	2.4	2.4
153°	2.6	2.3	2.0	2.1	2.3	2.4	2.1	2.0	2.0	2.4	2.4
153.5°	2.5	2.2	1.9	2.1	2.3	2.4	2.1	2.0	1.9	2.4	2.5
154°	2.4	2.1	1.9	2.1	2.3	2.3	2.1	2.0	1.9	2.4	2.5
154.5°	2.3	2.0	1.9	2.1	2.3	2.3	2.1	2.0	1.9	2.4	2.5
155°	2.2	2.0	1.9	2.2	2.3	2.3	2.1	2.0	1.9	2.4	2.5
155.5°	2.1	1.9	2.0	2.2	2.3	2.3	2.1	2.0	1.9	2.4	2.5
156°	2.0	1.9	2.0	2.2	2.3	2.3	2.1	2.0	1.9	2.3	2.5



TEST NUMBER: P563532

CATALOG NUMBER: 2NWS23C3-UNV-MED-4000K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
157.5°	1.9	1.9	2.1	2.3	2.4	2.3	2.1	2.0	1.8	2.2	2.4
158°	1.9	2.0	2.1	2.3	2.3	2.3	2.1	1.9	1.7	2.0	2.3
158.5°	1.9	2.0	2.1	2.3	2.3	2.3	2.1	1.9	1.6	1.9	2.4
159°	1.9	2.0	2.2	2.3	2.3	2.3	2.1	2.0	1.7	1.9	2.4
159.5°	2.0	2.1	2.2	2.3	2.3	2.3	2.1	2.0	1.7	2.1	2.3
160°	2.0	2.1	2.2	2.3	2.3	2.2	2.1	2.0	1.8	2.1	2.1
160.5°	2.0	2.1	2.2	2.3	2.3	2.2	2.0	1.9	1.8	2.1	2.0
161°	2.0	2.1	2.2	2.3	2.3	2.1	1.8	1.7	1.8	2.1	2.2
161.5°	2.1	2.2	2.3	2.3	2.2	2.1	1.7	1.8	1.8	2.1	2.3
162°	2.1	2.2	2.3	2.3	2.2	2.0	1.7	1.9	1.8	2.1	2.4
162.5°	2.1	2.2	2.3	2.2	2.2	1.9	1.8	1.9	1.8	2.1	2.4
163°	2.2	2.3	2.3	2.2	2.2	1.9	1.9	1.8	1.8	2.0	2.3
163.5°	2.2	2.3	2.3	2.2	2.2	1.9	2.0	1.7	1.8	2.0	2.3
164°	2.2	2.3	2.3	2.3	2.1	2.0	2.0	1.7	1.8	2.0	2.3
164.5°	2.2	2.3	2.3	2.3	1.9	2.0	2.0	1.7	1.8	2.1	2.3
165°	2.3	2.3	2.3	2.3	1.9	2.1	1.9	1.8	1.8	2.0	2.3
165.5°	2.3	2.3	2.2	2.3	2.0	2.1	1.8	1.9	1.7	1.9	2.3
166°	2.3	2.3	2.2	2.1	2.1	2.1	1.8	1.7	1.5	1.9	2.3
166.5°	2.3	2.4	2.3	1.9	2.2	2.0	1.8	1.5	1.5	1.9	2.2
167°	2.3	2.4	2.3	1.9	2.1	1.9	1.7	1.5	1.5	1.8	2.1
167.5°	2.3	2.3	2.3	2.1	2.0	1.8	1.5	1.5	1.5	1.5	2.0
168°	2.3	2.2	2.3	2.2	1.9	1.5	1.4	1.5	1.5	1.5	1.7
168.5°	2.3	2.2	2.3	2.2	1.9	1.5	1.4	1.5	1.5	1.5	1.5
169°	2.3	2.2	2.1	2.0	1.7	1.5	1.4	1.5	1.5	1.5	1.5
169.5°	2.3	2.3	1.8	2.0	1.5	1.4	1.4	1.5	1.5	1.5	1.5
170°	2.3	2.3	1.7	1.8	1.4	1.4	1.4	1.5	1.5	1.5	1.5
170.5°	2.2	2.2	1.8	1.5	1.4	1.4	1.4	1.5	1.5	1.5	1.5
171°	2.1	2.1	1.9	1.5	1.4	1.4	1.4	1.5	1.5	1.5	1.5
171.5°	2.1	2.0	1.6	1.5	1.4	1.4	1.4	1.5	1.5	1.5	1.5
172°	2.0	1.9	1.5	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5
172.5°	2.0	1.7	1.5	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5
173°	2.0	1.5	1.5	1.4	1.4	1.4	1.4	1.5	1.4	1.5	1.5
173.5°	2.0	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5
174°	2.0	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5
174.5°	1.7	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5
175°	1.5	1.5	1.5	1.4	1.4	1.5	1.4	1.4	1.4	1.5	1.5
175.5°	1.5	1.5	1.5	1.4	1.4	1.5	1.4	1.4	1.4	1.5	1.5
176°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
176.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
177°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
177.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
178°	1.5	1.5	1.5	1.5	1.5	1.6	1.7	1.8	1.7	1.7	1.6
178.5°	1.4	1.5	1.6	1.5	1.7	1.9	2.0	2.0	2.0	2.0	1.8



TEST NUMBER: P563532

CATALOG NUMBER: 2NWS23C3-UNV-MED-4000K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P563532

CATALOG NUMBER: 2NWS23C3-UNV-MED-4000K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
0°	930.7	930.7	930.7	930.7	930.7	930.7	930.7	930.7	930.7	930.7	930.7
0.5°	931.9	930.3	930.6	935.3	932.1	931.0	929.8	930.4	932.2	931.8	930.4
1°	934.5	929.7	930.6	931.9	932.5	932.3	929.3	929.6	931.1	929.7	930.3
1.5°	930.2	930.3	929.7	931.4	931.7	929.9	929.9	931.0	931.1	931.9	930.1
2°	928.9	929.4	929.7	931.5	931.8	934.3	929.2	928.5	931.8	931.8	932.2
2.5°	928.9	928.9	928.8	933.7	931.0	930.9	929.6	929.6	931.3	933.5	930.3
3°	928.0	928.4	928.5	930.0	930.0	930.3	927.6	929.2	931.3	932.1	929.6
3.5°	927.0	927.8	927.7	928.3	929.3	928.6	928.9	928.3	929.9	930.6	928.2
4°	926.4	926.2	927.4	929.8	928.2	928.5	927.8	927.7	929.4	928.7	928.9
4.5°	924.8	925.2	926.0	930.2	929.2	928.8	927.6	927.2	928.7	928.9	927.9
5°	923.3	924.8	925.2	926.7	927.7	925.2	926.2	926.1	928.2	928.4	926.7
5.5°	922.5	923.1	923.4	930.5	925.8	927.9	924.1	925.4	926.8	928.0	926.4
6°	921.2	921.7	922.1	925.0	924.4	923.4	924.9	924.5	926.2	926.6	926.4
6.5°	920.1	920.2	921.1	922.2	923.2	921.9	923.2	923.3	924.5	925.8	924.5
7°	918.2	918.7	920.0	921.7	921.4	922.2	921.2	921.2	924.2	925.0	923.4
7.5°	916.4	917.5	917.9	919.3	920.4	922.9	920.7	920.4	922.1	922.7	921.6
8°	915.1	915.7	916.3	918.9	918.6	918.7	916.7	918.6	921.1	921.8	920.7
8.5°	913.6	913.3	914.6	916.3	917.3	913.7	916.0	916.8	919.4	919.9	918.6
9°	910.8	911.4	912.4	913.9	913.4	915.9	913.0	915.5	918.0	918.2	917.2
9.5°	908.7	909.6	910.1	913.1	912.4	914.8	912.1	913.5	916.1	917.9	915.9
10°	907.1	907.7	907.6	911.1	910.8	910.7	910.9	912.0	913.7	919.0	914.3
10.5°	904.5	904.5	906.3	908.7	908.6	908.4	908.9	909.2	912.1	914.8	912.0
11°	901.9	902.6	903.9	907.7	908.7	906.1	908.0	907.2	909.7	928.9	909.5
11.5°	899.2	900.1	901.1	906.4	904.1	903.4	905.6	904.9	907.7	907.7	906.2
12°	896.3	897.6	898.5	900.6	901.9	901.0	902.5	903.0	905.5	905.7	905.1
12.5°	894.3	895.1	896.6	896.9	898.7	897.6	899.6	901.0	902.3	903.5	902.6
13°	891.2	892.5	893.7	895.9	895.4	899.8	898.3	897.8	900.1	901.0	902.1
13.5°	888.7	889.1	890.1	901.0	895.3	890.4	892.8	896.4	897.3	898.7	897.7
14°	884.8	886.3	887.1	889.6	890.8	888.2	891.5	892.3	894.3	895.6	895.2
14.5°	882.0	883.3	883.7	886.8	888.2	890.1	887.4	888.6	891.9	892.4	892.3
15°	879.4	880.5	881.0	883.6	889.1	890.0	884.9	886.7	889.0	890.3	889.3
15.5°	876.3	876.4	877.6	878.3	879.8	881.9	881.4	883.6	886.0	886.6	886.9
16°	871.9	873.0	874.4	880.1	876.5	880.5	878.6	879.9	882.4	884.2	882.7
16.5°	869.1	869.7	870.5	873.1	873.2	877.6	875.1	877.3	878.9	880.4	879.2
17°	865.7	866.4	867.3	870.7	870.6	872.0	871.9	873.2	875.1	877.3	876.3
17.5°	861.6	862.4	863.2	868.1	866.6	866.2	868.0	868.6	872.2	873.1	873.9
18°	857.6	858.5	860.1	860.6	862.5	864.7	864.9	865.6	868.2	870.0	870.7
18.5°	853.8	855.1	855.9	858.9	860.5	860.2	860.4	861.8	864.5	866.8	866.3
19°	849.6	850.9	852.0	857.1	855.4	853.7	855.8	859.4	860.3	862.2	862.4
19.5°	846.6	846.4	847.9	849.1	850.4	852.0	853.1	849.3	856.8	858.3	859.4
20°	841.4	842.4	843.6	846.4	845.7	847.8	848.0	848.2	852.7	854.8	855.1
20.5°	837.0	838.4	839.0	841.9	842.9	842.7	843.8	846.1	848.4	850.8	850.7
21°	832.1	833.5	834.8	837.7	835.4	836.7	838.8	843.1	842.9	846.1	846.5



TEST NUMBER: P563532

CATALOG NUMBER: 2NWS23C3-UNV-MED-4000K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
22.5°	819.0	819.8	820.9	820.7	823.7	824.6	825.5	826.6	831.9	832.7	833.9
23°	814.4	815.2	816.3	815.4	818.0	820.1	820.9	821.8	826.3	828.4	828.3
23.5°	809.4	810.3	811.0	814.0	812.9	815.6	815.9	818.0	821.6	824.1	824.6
24°	804.3	805.5	806.3	809.5	810.3	810.2	811.6	813.6	816.8	819.3	819.7
24.5°	799.1	800.2	800.9	807.1	803.3	800.7	806.2	808.9	812.0	813.9	815.3
25°	794.0	794.8	795.7	797.8	796.9	801.3	801.0	803.6	806.4	809.3	809.8
25.5°	788.7	790.0	790.5	791.6	794.2	794.8	795.2	797.7	801.7	804.5	805.9
26°	784.0	784.7	785.5	786.4	788.3	788.3	790.7	792.8	795.2	799.2	799.3
26.5°	778.7	779.3	779.4	781.4	782.1	783.2	786.2	786.1	791.2	793.6	795.3
27°	772.9	773.6	774.5	776.9	776.4	776.9	778.9	781.7	779.2	788.6	789.1
27.5°	767.8	767.6	768.3	771.1	771.1	771.5	775.2	776.1	780.5	782.8	785.0
28°	761.4	761.9	762.8	763.5	763.5	765.6	766.7	771.7	774.3	777.4	779.1
28.5°	756.2	756.4	757.4	757.1	758.9	763.1	760.1	763.7	768.5	772.9	772.9
29°	750.0	750.9	751.6	756.4	752.4	754.2	753.7	761.4	763.9	767.1	767.9
29.5°	744.2	744.7	745.5	746.2	747.9	747.8	750.6	753.3	757.2	761.0	761.4
30°	738.5	738.7	739.1	741.6	740.6	741.6	743.7	742.6	751.2	755.1	756.3
30.5°	732.3	732.7	733.0	734.7	734.5	734.0	737.5	740.9	745.4	748.8	750.5
31°	726.1	726.7	727.1	727.6	728.3	728.8	729.3	736.3	739.2	743.2	747.8
31.5°	720.6	720.7	720.6	721.7	720.7	724.5	724.0	726.0	732.6	736.5	738.7
32°	714.1	714.5	714.5	716.6	716.1	715.4	717.6	723.6	727.0	731.1	732.7
32.5°	708.2	707.9	707.9	708.8	708.5	709.8	711.7	714.9	720.4	725.1	727.1
33°	701.6	701.9	701.7	701.2	701.8	700.0	704.6	709.9	714.0	718.5	720.4
33.5°	695.3	695.0	694.5	695.0	696.0	691.5	697.8	701.1	707.5	712.2	714.1
34°	688.8	688.2	688.0	688.9	688.7	695.8	690.5	696.1	701.2	705.2	707.3
34.5°	682.7	682.4	681.8	682.5	680.9	680.8	684.6	689.4	694.4	698.9	700.9
35°	675.9	675.4	674.8	675.8	674.5	670.6	678.4	680.3	687.6	692.4	695.4
35.5°	669.3	668.7	667.9	668.9	667.7	670.0	671.4	675.1	681.2	685.8	688.5
36°	662.5	662.0	661.2	663.2	661.1	663.2	663.4	666.7	674.2	679.3	682.5
36.5°	656.8	655.8	654.6	654.7	653.2	652.5	658.3	661.0	667.5	673.0	675.5
37°	649.1	648.9	647.3	646.1	645.3	646.8	648.6	654.5	660.2	666.0	668.8
37.5°	642.2	641.5	640.0	640.1	640.2	639.6	642.7	647.1	653.0	659.0	663.0
38°	635.3	634.6	633.4	633.6	631.4	631.0	634.8	640.5	646.4	651.8	654.2
38.5°	628.6	627.7	626.3	626.2	624.7	624.8	627.8	633.1	639.4	644.9	648.0
39°	621.8	620.5	619.2	620.8	616.8	616.4	619.9	625.8	632.2	638.1	641.7
39.5°	615.0	613.9	611.9	610.7	610.0	613.4	612.2	618.8	625.1	630.8	634.5
40°	607.6	606.3	604.5	603.4	602.8	603.3	604.7	611.2	617.7	624.2	626.7
40.5°	600.8	599.7	597.4	596.7	594.5	596.3	597.5	603.3	610.1	616.5	620.3
41°	593.7	592.2	589.9	588.7	592.3	588.6	590.7	595.5	603.1	609.9	613.9
41.5°	587.1	585.0	583.0	587.6	580.6	580.0	583.8	587.9	596.2	602.3	606.8
42°	579.6	578.2	575.8	574.1	571.6	573.4	575.7	580.6	589.0	595.0	599.0
42.5°	572.3	570.6	568.4	566.0	564.5	566.6	568.0	573.4	581.6	587.6	592.0
43°	565.1	563.5	561.0	558.2	558.2	557.3	560.9	566.1	573.6	580.6	585.7
43.5°	558.3	556.3	553.6	552.0	549.8	549.4	553.2	557.7	566.1	573.0	577.7



TEST NUMBER: P563532

CATALOG NUMBER: 2NWS23C3-UNV-MED-4000K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
45°	536.5	534.3	531.1	530.8	528.1	527.5	530.5	537.7	544.6	551.1	555.7
45.5°	529.2	526.8	524.1	522.0	519.7	520.0	522.4	527.5	536.8	544.0	549.3
46°	522.2	519.6	516.6	514.0	512.7	512.6	514.3	523.7	529.3	536.8	541.1
46.5°	514.6	512.0	509.4	508.2	505.3	505.0	507.9	514.9	521.7	529.3	533.8
47°	507.5	505.0	501.5	499.2	495.4	497.6	500.1	508.2	514.2	521.8	526.4
47.5°	500.4	497.6	494.5	490.8	490.3	490.0	492.6	499.9	506.9	514.3	519.4
48°	492.9	490.5	486.9	485.0	482.5	482.5	485.6	490.4	499.4	506.7	512.1
48.5°	485.7	483.0	479.7	476.5	474.2	474.9	477.9	482.5	491.9	499.6	506.3
49°	478.2	476.0	472.1	470.2	464.4	467.8	469.9	476.7	484.5	491.9	496.9
49.5°	471.2	468.4	464.9	462.3	460.2	460.0	462.4	467.1	477.1	484.9	490.8
50°	463.7	461.1	457.6	454.9	452.3	452.8	455.4	461.2	469.8	477.1	480.5
50.5°	456.5	453.8	450.4	447.5	444.4	445.2	447.7	454.8	462.2	469.6	474.5
51°	449.5	446.3	443.1	440.3	438.0	438.1	440.4	444.9	454.9	462.4	467.6
51.5°	442.6	439.2	435.6	432.6	430.3	430.5	433.5	439.2	447.3	454.8	460.6
52°	434.7	432.1	428.5	426.0	423.1	423.5	426.1	430.1	440.2	447.9	453.3
52.5°	427.6	424.7	421.0	418.4	415.7	416.2	418.8	423.4	432.5	440.2	445.7
53°	419.6	417.5	414.1	411.5	408.6	409.2	411.5	417.9	425.7	433.0	438.1
53.5°	399.8	410.2	407.0	403.1	401.0	401.7	404.3	409.7	417.7	425.6	431.0
54°	406.0	403.4	399.7	395.0	394.2	395.0	397.4	403.7	410.9	418.4	423.9
54.5°	398.4	396.1	392.6	391.2	387.7	387.8	390.4	397.1	403.6	411.0	416.2
55°	391.3	389.2	385.5	383.1	379.7	381.0	383.1	388.0	396.4	403.9	409.4
55.5°	385.2	382.2	378.6	375.8	372.4	373.8	376.2	382.5	389.3	396.8	402.4
56°	376.8	375.1	371.5	368.3	366.3	366.6	369.5	375.0	382.1	389.8	394.6
56.5°	370.7	368.0	364.7	361.6	360.0	360.0	362.6	368.1	375.3	382.4	387.6
57°	363.3	361.0	357.6	356.0	354.4	352.9	355.4	361.3	368.1	375.6	380.2
57.5°	357.9	353.8	350.7	348.0	346.4	346.3	349.1	354.3	361.2	368.3	373.2
58°	350.0	347.2	343.9	341.2	340.6	339.3	342.2	347.2	354.4	361.0	366.2
58.5°	343.0	340.5	337.3	334.7	334.7	333.0	335.4	340.4	347.2	354.2	359.2
59°	336.0	333.5	330.5	327.2	321.6	326.1	328.9	334.0	340.6	347.3	352.1
59.5°	329.1	326.6	323.9	321.4	318.8	319.6	322.7	327.1	333.8	340.3	345.1
60°	322.1	319.6	317.0	315.1	312.9	313.0	315.5	320.3	327.1	333.3	337.6
60.5°	317.4	313.3	310.8	308.1	306.2	306.6	309.4	314.1	320.5	326.4	331.0
61°	308.2	306.6	304.0	301.5	300.0	300.3	302.7	307.5	313.7	320.1	323.8
61.5°	303.9	300.1	297.6	295.7	293.5	294.0	296.1	301.2	306.9	313.0	317.2
62°	295.1	293.1	290.6	288.6	287.1	287.8	290.1	294.3	300.1	306.3	310.3
62.5°	288.3	286.6	284.4	282.8	281.9	281.3	283.6	287.9	293.7	299.4	303.1
63°	282.1	280.1	278.1	275.9	274.4	275.4	277.5	281.4	287.4	292.9	296.2
63.5°	275.1	273.7	271.9	269.6	268.7	268.8	271.2	275.1	280.9	286.4	289.9
64°	268.9	267.4	265.5	263.6	262.5	263.1	265.1	269.0	274.2	279.6	282.9
64.5°	261.9	260.9	259.3	257.3	257.0	256.9	259.2	262.8	267.9	273.1	276.3
65°	255.5	254.5	253.0	251.8	250.9	251.2	253.0	256.9	261.9	266.8	269.8
65.5°	249.4	248.2	246.8	245.9	244.6	244.8	246.7	250.7	255.7	260.0	263.0
66°	242.9	241.9	240.6	239.3	238.5	239.3	240.8	244.8	249.3	253.5	256.5



TEST NUMBER: P563532

CATALOG NUMBER: 2NWS23C3-UNV-MED-4000K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
67.5°	224.0	223.4	222.6	222.0	221.8	222.1	223.6	226.8	231.1	234.8	236.3
68°	218.2	217.4	216.8	216.7	215.8	216.2	217.8	220.9	225.1	228.6	230.6
68.5°	211.2	211.4	211.2	210.4	210.0	210.6	212.1	215.4	219.1	222.3	223.9
69°	205.2	205.3	205.0	204.6	204.4	205.0	206.5	209.5	213.2	216.1	217.2
69.5°	198.8	199.4	199.3	199.1	199.2	199.6	201.2	203.9	207.4	210.3	211.1
70°	193.8	193.7	193.7	193.4	193.3	194.0	195.6	198.3	201.4	204.1	205.2
70.5°	186.5	187.9	188.2	187.9	187.6	188.7	190.6	192.9	195.7	198.1	198.6
71°	180.5	182.1	182.5	182.8	182.9	183.5	185.0	187.1	189.9	192.2	193.1
71.5°	175.2	176.3	176.9	177.1	177.6	178.1	179.8	181.7	184.6	186.3	186.6
72°	169.4	170.5	171.3	171.7	172.1	172.9	174.3	176.4	178.7	180.5	181.0
72.5°	163.3	165.0	166.1	166.9	167.1	167.6	169.0	171.0	173.4	174.8	174.8
73°	157.5	159.5	160.7	161.6	161.5	162.6	164.1	165.6	167.7	169.0	169.1
73.5°	152.3	154.1	155.4	156.3	157.0	157.5	158.7	160.5	162.5	163.4	162.7
74°	146.9	149.1	150.4	151.1	152.4	152.7	153.6	155.4	157.1	157.9	157.3
74.5°	141.6	144.1	145.5	146.3	147.6	148.0	148.9	150.2	151.7	152.4	151.8
75°	136.3	139.1	140.5	141.6	142.8	143.3	144.2	145.5	146.7	147.1	146.2
75.5°	130.9	134.1	135.5	136.8	138.0	138.6	139.5	140.8	141.8	141.9	140.7
76°	120.3	129.1	130.5	132.0	133.2	133.9	134.7	136.1	136.8	136.7	135.2
76.5°	120.5	123.1	125.4	127.0	128.4	129.2	130.0	131.4	131.8	131.5	129.7
77°	114.2	118.3	120.6	122.8	123.5	124.6	125.5	126.3	126.8	126.4	124.2
77.5°	109.5	112.7	115.8	118.2	119.1	120.0	120.9	121.5	121.8	121.1	118.6
78°	104.6	107.3	111.0	113.3	114.6	115.5	116.2	116.5	116.9	115.7	113.2
78.5°	99.3	103.2	106.3	108.7	110.1	111.0	111.8	112.2	112.2	110.9	108.1
79°	94.2	99.4	101.7	104.1	105.6	106.7	107.4	107.7	107.2	105.9	102.9
79.5°	89.3	93.6	97.3	99.8	101.3	102.4	103.0	103.3	102.7	101.0	97.5
80°	84.4	89.5	92.9	95.5	97.9	98.2	98.8	98.8	98.1	96.3	92.8
80.5°	80.4	84.6	88.6	91.4	93.2	94.2	94.6	94.6	93.7	91.6	87.7
81°	75.3	80.0	84.4	87.5	89.1	90.1	90.5	90.4	89.4	86.9	83.2
81.5°	70.8	76.0	80.2	83.2	84.9	86.1	86.5	86.1	85.0	82.5	78.2
82°	66.7	73.0	76.2	79.3	81.4	82.2	82.7	82.1	80.8	78.1	73.7
82.5°	62.6	67.7	72.2	75.6	77.2	78.3	78.6	78.2	76.7	73.9	69.1
83°	58.4	63.8	68.3	71.6	73.4	74.6	74.9	74.3	72.7	69.5	64.8
83.5°	54.5	60.1	64.6	67.8	70.0	71.0	71.2	70.5	68.7	65.5	60.6
84°	51.2	56.3	60.9	64.3	66.6	67.4	67.7	66.9	64.9	61.6	56.6
84.5°	47.0	52.8	57.3	60.7	62.4	63.9	63.9	63.1	61.1	57.8	52.5
85°	43.5	49.1	53.8	57.3	59.3	60.5	60.5	59.6	57.5	54.0	48.7
85.5°	40.1	45.6	50.4	53.8	56.0	57.2	57.2	56.1	54.1	50.3	45.0
86°	36.6	42.4	47.1	50.8	52.8	53.9	54.0	52.9	50.5	46.7	41.5
86.5°	33.4	39.1	43.9	47.4	49.7	50.8	50.6	49.9	47.2	43.4	38.3
87°	30.4	36.2	40.9	44.6	46.7	47.7	47.6	46.5	44.0	40.1	34.8
87.5°	27.5	33.2	38.0	41.5	43.7	44.8	44.6	43.4	41.0	37.0	31.6
88°	24.7	30.4	35.1	38.6	40.8	41.8	41.7	40.5	37.9	33.9	28.5
88.5°	22.1	27.7	32.4	35.9	38.1	39.0	39.0	37.7	35.1	31.1	25.7



TEST NUMBER: P563532

CATALOG NUMBER: 2NWS23C3-UNV-MED-4000K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
90°	15.8	20.5	24.9	28.4	30.4	31.3	31.1	29.7	27.1	23.2	18.6
90.5°	13.9	18.4	22.7	25.9	28.1	29.0	28.8	27.5	24.7	20.9	16.6
91°	11.9	16.7	20.5	23.8	25.8	26.7	26.5	25.1	22.5	18.7	14.7
91.5°	10.0	15.0	18.6	21.7	23.7	24.5	24.3	22.9	20.4	17.0	12.8
92°	8.6	13.3	17.0	19.8	21.7	22.5	22.2	20.9	18.4	15.3	10.9
92.5°	7.4	11.7	15.4	17.9	19.7	20.6	20.3	18.9	16.8	13.6	9.0
93°	6.4	10.0	13.8	16.5	18.0	18.8	18.5	17.2	15.3	11.9	7.8
93.5°	5.5	8.8	12.2	15.0	16.6	17.2	16.9	15.8	13.7	10.2	6.8
94°	4.8	7.7	10.7	13.6	15.2	15.8	15.6	14.5	12.1	9.0	5.9
94.5°	4.3	6.8	9.5	12.1	13.8	14.5	14.2	13.1	10.6	7.9	5.1
95°	3.9	6.1	8.5	10.7	12.4	13.1	12.9	11.7	9.5	7.0	4.6
95.5°	3.6	5.5	7.7	9.7	11.0	11.8	11.6	10.3	8.5	6.3	4.2
96°	3.4	5.0	7.0	8.8	10.0	10.5	10.3	9.3	7.7	5.7	3.9
96.5°	3.3	4.7	6.4	8.0	9.1	9.6	9.4	8.5	7.0	5.2	3.6
97°	3.2	4.5	5.9	7.4	8.4	8.8	8.6	7.8	6.4	4.9	3.5
97.5°	3.1	4.3	5.6	6.8	7.7	8.1	7.9	7.2	6.0	4.6	3.4
98°	3.0	4.2	5.3	6.4	7.2	7.5	7.4	6.7	5.7	4.5	3.3
98.5°	3.0	4.1	5.1	6.1	6.8	7.0	6.9	6.3	5.4	4.4	3.2
99°	2.9	4.0	5.0	5.9	6.5	6.7	6.6	6.1	5.2	4.2	3.1
99.5°	2.9	3.9	4.9	5.7	6.2	6.4	6.3	5.9	5.1	4.1	3.1
100°	2.8	3.8	4.8	5.6	6.1	6.3	6.2	5.7	5.0	4.0	3.0
100.5°	2.8	3.7	4.7	5.4	6.0	6.1	6.0	5.6	4.9	3.9	3.0
101°	2.8	3.7	4.6	5.3	5.8	6.0	5.9	5.5	4.8	3.9	2.9
101.5°	2.7	3.6	4.5	5.2	5.7	5.9	5.8	5.4	4.7	3.8	2.9
102°	2.7	3.6	4.4	5.1	5.6	5.8	5.7	5.3	4.6	3.7	2.9
102.5°	2.7	3.6	4.3	5.0	5.5	5.6	5.5	5.1	4.5	3.7	2.8
103°	2.6	3.5	4.3	5.0	5.4	5.5	5.4	5.1	4.4	3.6	2.8
103.5°	2.6	3.5	4.2	4.9	5.3	5.4	5.3	5.0	4.4	3.6	2.7
104°	2.6	3.5	4.2	4.8	5.2	5.4	5.3	4.9	4.3	3.6	2.7
104.5°	2.6	3.4	4.1	4.7	5.1	5.3	5.2	4.8	4.2	3.5	2.6
105°	2.6	3.4	4.1	4.7	5.1	5.2	5.1	4.7	4.2	3.5	2.6
105.5°	2.6	3.3	4.0	4.6	5.0	5.1	5.0	4.7	4.2	3.4	2.6
106°	2.6	3.3	4.0	4.6	4.9	5.0	4.9	4.6	4.1	3.4	2.6
106.5°	2.6	3.3	4.0	4.5	4.9	5.0	4.9	4.6	4.1	3.3	2.6
107°	2.6	3.2	3.9	4.5	4.8	4.9	4.8	4.5	4.0	3.3	2.5
107.5°	2.5	3.2	3.9	4.5	4.8	4.9	4.8	4.5	3.9	3.3	2.5
108°	2.5	3.2	3.8	4.4	4.7	4.8	4.7	4.4	3.9	3.2	2.5
108.5°	2.5	3.2	3.8	4.3	4.7	4.8	4.7	4.4	3.8	3.2	2.5
109°	2.5	3.2	3.7	4.3	4.6	4.7	4.6	4.3	3.8	3.2	2.4
109.5°	2.5	3.1	3.7	4.2	4.6	4.7	4.6	4.2	3.8	3.2	2.4
110°	2.5	3.1	3.7	4.2	4.5	4.6	4.5	4.2	3.7	3.1	2.4
110.5°	2.5	3.1	3.6	4.1	4.5	4.5	4.5	4.1	3.7	3.1	2.3
111°	2.4	3.1	3.6	4.1	4.4	4.5	4.4	4.1	3.7	3.1	2.3



TEST NUMBER: P563532

CATALOG NUMBER: 2NWS23C3-UNV-MED-4000K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
112.5°	2.3	3.1	3.6	4.0	4.2	4.3	4.2	4.0	3.6	3.0	2.2
113°	2.2	3.0	3.5	4.0	4.2	4.3	4.2	4.0	3.6	2.9	2.1
113.5°	2.1	3.0	3.5	3.9	4.2	4.2	4.2	3.9	3.5	2.9	2.0
114°	2.0	3.0	3.5	3.9	4.2	4.2	4.1	3.9	3.5	2.9	1.9
114.5°	2.0	2.9	3.4	3.9	4.1	4.2	4.1	3.9	3.4	2.8	1.9
115°	1.9	2.9	3.4	3.8	4.1	4.1	4.1	3.8	3.4	2.8	1.8
115.5°	1.9	2.8	3.4	3.8	4.0	4.1	4.0	3.8	3.3	2.7	1.7
116°	1.8	2.8	3.4	3.8	4.0	4.1	4.0	3.8	3.3	2.6	1.7
116.5°	1.8	2.7	3.4	3.7	4.0	4.1	4.0	3.7	3.3	2.5	1.7
117°	1.7	2.6	3.3	3.7	3.9	4.0	3.9	3.7	3.2	2.5	1.6
117.5°	1.7	2.4	3.3	3.7	3.9	4.0	3.9	3.6	3.2	2.4	1.6
118°	1.7	2.3	3.2	3.6	3.9	4.0	3.9	3.6	3.1	2.3	1.5
118.5°	1.7	2.3	3.1	3.6	3.8	3.9	3.8	3.6	3.0	2.2	1.5
119°	1.6	2.2	3.1	3.6	3.8	3.9	3.8	3.5	2.9	2.1	1.5
119.5°	1.6	2.1	3.0	3.5	3.7	3.8	3.8	3.4	2.8	2.0	1.4
120°	1.6	2.1	2.8	3.4	3.7	3.8	3.7	3.3	2.8	2.0	1.4
120.5°	1.5	2.0	2.7	3.3	3.6	3.7	3.6	3.2	2.6	1.9	1.3
121°	1.4	2.0	2.6	3.3	3.5	3.6	3.5	3.2	2.5	1.9	1.2
121.5°	1.4	2.0	2.5	3.2	3.4	3.5	3.4	3.1	2.4	1.8	1.1
122°	1.4	1.9	2.4	3.0	3.4	3.4	3.3	3.0	2.3	1.8	1.1
122.5°	1.4	1.9	2.4	2.9	3.3	3.4	3.3	2.9	2.3	1.7	1.1
123°	1.4	1.9	2.3	2.8	3.2	3.3	3.2	2.7	2.2	1.7	1.2
123.5°	1.5	1.8	2.2	2.7	3.0	3.2	3.1	2.6	2.2	1.7	1.2
124°	1.5	1.8	2.2	2.6	2.9	3.0	2.9	2.5	2.1	1.7	1.2
124.5°	1.5	1.7	2.1	2.5	2.8	2.9	2.8	2.5	2.1	1.6	1.3
125°	1.5	1.7	2.1	2.4	2.7	2.8	2.7	2.4	2.0	1.6	1.3
125.5°	1.5	1.5	2.0	2.4	2.6	2.7	2.6	2.3	2.0	1.4	1.3
126°	1.6	1.4	2.0	2.3	2.5	2.6	2.5	2.3	1.9	1.3	1.3
126.5°	1.6	1.4	2.0	2.3	2.5	2.5	2.5	2.2	1.9	1.3	1.4
127°	1.6	1.5	1.9	2.2	2.4	2.5	2.4	2.2	1.9	1.3	1.4
127.5°	1.7	1.5	1.9	2.2	2.3	2.4	2.3	2.1	1.8	1.4	1.4
128°	1.7	1.5	1.8	2.1	2.3	2.3	2.3	2.1	1.8	1.4	1.4
128.5°	1.7	1.5	1.7	2.1	2.2	2.3	2.2	2.0	1.7	1.4	1.5
129°	1.7	1.6	1.6	2.0	2.2	2.2	2.2	2.0	1.5	1.4	1.5
129.5°	1.8	1.6	1.5	2.0	2.1	2.2	2.1	1.9	1.4	1.5	1.5
130°	1.8	1.6	1.5	1.9	2.1	2.1	2.1	1.9	1.4	1.5	1.6
130.5°	1.8	1.6	1.5	1.8	2.0	2.1	2.0	1.8	1.4	1.5	1.6
131°	1.9	1.7	1.5	1.7	2.0	2.0	2.0	1.7	1.4	1.6	1.6
131.5°	1.9	1.7	1.5	1.5	1.9	2.0	1.9	1.5	1.4	1.6	1.7
132°	1.9	1.7	1.6	1.5	1.8	1.9	1.8	1.4	1.5	1.6	1.7
132.5°	2.0	1.7	1.6	1.5	1.7	1.8	1.7	1.4	1.5	1.7	1.7
133°	2.0	1.8	1.6	1.5	1.5	1.7	1.5	1.4	1.5	1.7	1.7
133.5°	2.1	1.8	1.7	1.5	1.5	1.5	1.4	1.5	1.6	1.7	1.8



TEST NUMBER: P563532

CATALOG NUMBER: 2NWS23C3-UNV-MED-4000K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
135°	2.4	1.9	1.7	1.6	1.5	1.5	1.5	1.6	1.7	1.8	2.0
135.5°	2.6	1.9	1.8	1.7	1.6	1.5	1.5	1.6	1.7	1.8	2.1
136°	2.6	2.0	1.8	1.7	1.6	1.6	1.6	1.6	1.7	1.9	2.3
136.5°	2.5	2.0	1.8	1.7	1.6	1.6	1.6	1.7	1.8	1.9	2.3
137°	2.4	2.0	1.9	1.7	1.7	1.6	1.6	1.7	1.8	1.9	2.3
137.5°	2.4	2.1	1.9	1.8	1.7	1.7	1.7	1.7	1.8	2.0	2.1
138°	2.4	2.1	1.9	1.8	1.7	1.7	1.7	1.8	1.9	2.0	2.1
138.5°	2.4	2.2	2.0	1.8	1.7	1.7	1.7	1.8	1.9	2.0	2.1
139°	2.4	2.2	2.0	1.9	1.8	1.7	1.8	1.8	1.9	2.1	2.1
139.5°	2.4	2.4	2.0	1.9	1.8	1.8	1.8	1.9	2.0	2.2	2.1
140°	2.4	2.5	2.1	1.9	1.8	1.8	1.8	1.9	2.0	2.3	2.1
140.5°	2.4	2.6	2.1	2.0	1.9	1.8	1.9	1.9	2.0	2.4	2.1
141°	2.4	2.7	2.1	2.0	1.9	1.9	1.9	2.0	2.1	2.6	2.1
141.5°	2.4	2.7	2.2	2.0	1.9	1.9	1.9	2.0	2.1	2.6	2.1
142°	2.4	2.5	2.2	2.1	2.0	1.9	2.0	2.0	2.1	2.5	2.1
142.5°	2.4	2.4	2.3	2.1	2.0	2.0	2.0	2.1	2.2	2.4	2.2
143°	2.5	2.4	2.4	2.1	2.0	2.0	2.0	2.1	2.3	2.3	2.2
143.5°	2.4	2.5	2.6	2.2	2.1	2.0	2.1	2.1	2.4	2.3	2.2
144°	2.4	2.5	2.7	2.2	2.1	2.1	2.1	2.2	2.6	2.3	2.2
144.5°	2.4	2.5	2.7	2.3	2.1	2.1	2.1	2.2	2.7	2.3	2.2
145°	2.4	2.4	2.6	2.4	2.2	2.1	2.2	2.3	2.6	2.3	2.2
145.5°	2.4	2.4	2.5	2.6	2.2	2.2	2.2	2.4	2.5	2.3	2.2
146°	2.3	2.4	2.5	2.7	2.3	2.2	2.3	2.6	2.4	2.3	2.2
146.5°	2.3	2.5	2.5	2.8	2.4	2.3	2.4	2.7	2.4	2.4	2.2
147°	2.3	2.5	2.5	2.7	2.6	2.5	2.6	2.7	2.4	2.4	2.2
147.5°	2.3	2.5	2.5	2.6	2.8	2.7	2.7	2.5	2.4	2.4	2.1
148°	2.2	2.5	2.5	2.5	2.8	2.8	2.7	2.4	2.4	2.4	2.1
148.5°	2.2	2.5	2.4	2.5	2.6	2.7	2.6	2.4	2.4	2.4	2.1
149°	2.2	2.5	2.4	2.5	2.5	2.6	2.5	2.4	2.4	2.4	2.1
149.5°	2.2	2.4	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.1
150°	2.2	2.4	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.1
150.5°	2.1	2.4	2.5	2.4	2.5	2.5	2.4	2.4	2.4	2.4	2.1
151°	2.1	2.3	2.5	2.4	2.5	2.5	2.4	2.4	2.4	2.3	2.1
151.5°	2.2	2.3	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.3	2.1
152°	2.2	2.3	2.5	2.5	2.4	2.4	2.4	2.5	2.4	2.3	2.2
152.5°	2.2	2.2	2.5	2.5	2.4	2.4	2.4	2.5	2.4	2.3	2.2
153°	2.2	2.2	2.4	2.5	2.5	2.4	2.5	2.5	2.4	2.3	2.2
153.5°	2.2	2.2	2.4	2.5	2.5	2.5	2.5	2.5	2.4	2.3	2.2
154°	2.2	2.2	2.3	2.5	2.5	2.5	2.5	2.5	2.3	2.2	2.3
154.5°	2.3	2.1	2.3	2.4	2.5	2.5	2.5	2.4	2.3	2.2	2.3
155°	2.3	2.1	2.3	2.4	2.5	2.5	2.5	2.4	2.3	2.2	2.3
155.5°	2.3	2.2	2.2	2.3	2.4	2.4	2.4	2.4	2.3	2.3	2.3
156°	2.3	2.2	2.2	2.3	2.4	2.4	2.4	2.3	2.3	2.3	2.3



TEST NUMBER: P563532

CATALOG NUMBER: 2NWS23C3-UNV-MED-4000K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
157.5°	2.4	2.2	2.1	2.2	2.2	2.3	2.3	2.2	2.2	2.3	2.4
158°	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.4
158.5°	2.2	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.4	2.4
159°	2.2	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.4	2.4
159.5°	2.3	2.4	2.2	2.2	2.1	2.2	2.2	2.2	2.3	2.4	2.4
160°	2.4	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.3	2.4	2.5
160.5°	2.5	2.2	2.3	2.2	2.2	2.2	2.2	2.2	2.3	2.5	2.5
161°	2.4	2.1	2.3	2.2	2.2	2.2	2.2	2.3	2.4	2.5	2.5
161.5°	2.4	2.2	2.3	2.3	2.2	2.2	2.2	2.3	2.4	2.5	2.5
162°	2.3	2.4	2.4	2.3	2.3	2.2	2.3	2.3	2.4	2.5	2.5
162.5°	2.1	2.4	2.4	2.3	2.3	2.3	2.3	2.4	2.5	2.5	2.5
163°	2.0	2.4	2.4	2.4	2.3	2.3	2.3	2.4	2.5	2.5	2.5
163.5°	2.2	2.5	2.2	2.4	2.4	2.3	2.4	2.4	2.5	2.5	2.5
164°	2.3	2.5	2.2	2.4	2.4	2.4	2.4	2.4	2.5	2.6	2.5
164.5°	2.4	2.4	2.3	2.4	2.4	2.4	2.4	2.5	2.5	2.6	2.5
165°	2.3	2.2	2.5	2.5	2.4	2.4	2.5	2.5	2.5	2.6	2.5
165.5°	2.3	1.9	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.5
166°	2.3	1.9	2.5	2.4	2.5	2.5	2.5	2.5	2.5	2.6	2.4
166.5°	2.3	2.2	2.5	2.2	2.5	2.5	2.5	2.5	2.5	2.5	2.4
167°	2.3	2.4	2.5	2.2	2.5	2.5	2.5	2.5	2.5	2.5	2.4
167.5°	2.2	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.4
168°	2.1	2.3	2.2	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4
168.5°	2.0	2.2	1.9	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4
169°	1.7	2.2	1.9	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4
169.5°	1.6	2.1	2.0	2.4	2.3	2.5	2.5	2.5	2.5	2.5	2.3
170°	1.6	1.8	2.2	2.4	2.2	2.5	2.5	2.5	2.5	2.4	2.1
170.5°	1.6	1.6	2.2	2.3	2.3	2.5	2.5	2.5	2.5	2.4	2.1
171°	1.6	1.6	2.0	2.1	2.4	2.5	2.5	2.5	2.4	2.4	2.1
171.5°	1.5	1.6	1.6	1.8	2.4	2.4	2.4	2.4	2.4	2.3	2.1
172°	1.5	1.6	1.6	1.6	2.2	2.4	2.4	2.4	2.4	2.3	2.0
172.5°	1.5	1.6	1.6	1.6	2.2	2.3	2.4	2.4	2.3	2.3	2.0
173°	1.5	1.6	1.6	1.6	2.1	2.2	2.4	2.3	2.3	2.2	2.0
173.5°	1.5	1.5	1.6	1.6	2.1	2.1	2.3	2.3	2.3	2.1	2.0
174°	1.4	1.5	1.6	1.6	1.9	2.1	2.3	2.3	2.3	2.0	1.9
174.5°	1.5	1.5	1.5	1.6	1.6	2.0	2.2	2.2	2.2	2.0	1.6
175°	1.5	1.5	1.5	1.5	1.5	2.0	2.0	2.2	2.0	1.9	1.5
175.5°	1.5	1.5	1.5	1.5	1.5	1.8	1.9	2.2	1.9	1.8	1.5
176°	1.5	1.5	1.5	1.5	1.5	1.5	1.9	2.1	1.9	1.5	1.5
176.5°	1.5	1.5	1.4	1.5	1.5	1.5	1.9	1.8	1.8	1.5	1.5
177°	1.5	1.5	1.5	1.4	1.4	1.4	1.7	1.6	1.6	1.5	1.5
177.5°	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.5	1.6	1.4	1.4
178°	1.5	1.4	1.5	1.4	1.4	1.4	1.3	1.4	1.5	1.4	1.4
178.5°	1.7	1.5	1.5	1.4	1.4	1.3	1.2	1.3	1.2	1.4	1.4



TEST NUMBER: P563532

CATALOG NUMBER: 2NWS23C3-UNV-MED-4000K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P563532

CATALOG NUMBER: 2NWS23C3-UNV-MED-4000K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
0°	930.7	930.7	930.7	930.7
0.5°	931.3	929.7	926.8	930.8
1°	930.7	930.1	932.8	931.4
1.5°	931.4	929.5	930.5	930.2
2°	930.7	929.6	930.2	930.5
2.5°	931.0	928.9	931.3	929.9
3°	930.1	929.0	929.6	930.9
3.5°	930.4	928.3	929.7	930.2
4°	929.3	927.4	930.8	929.4
4.5°	928.4	928.3	927.7	927.9
5°	928.5	926.8	928.5	927.9
5.5°	927.4	925.9	926.0	926.7
6°	927.1	926.4	927.6	925.7
6.5°	924.9	923.4	925.1	923.6
7°	923.5	922.7	924.2	923.8
7.5°	921.9	922.2	923.5	921.9
8°	920.7	919.2	921.0	920.3
8.5°	919.5	918.5	919.1	918.8
9°	918.2	916.8	917.5	917.8
9.5°	916.0	916.1	917.3	914.6
10°	914.3	913.3	916.8	915.3
10.5°	912.7	911.2	905.9	912.5
11°	910.2	909.8	909.7	909.7
11.5°	908.4	906.3	911.7	909.0
12°	906.1	904.7	912.0	905.2
12.5°	903.4	902.7	899.7	902.6
13°	901.7	900.4	900.7	899.6
13.5°	898.5	898.1	901.0	898.5
14°	896.1	894.1	895.7	894.1
14.5°	893.3	892.3	895.5	891.2
15°	889.8	889.8	893.0	892.3
15.5°	887.3	885.7	883.2	885.7
16°	884.5	882.5	882.1	883.8
16.5°	881.7	879.7	885.5	878.1
17°	877.8	875.3	876.7	878.0
17.5°	873.8	872.9	876.4	873.5
18°	871.2	870.2	872.5	870.6
18.5°	867.8	865.0	866.8	866.7
19°	863.4	863.4	863.5	862.5
19.5°	859.7	857.8	859.7	858.5
20°	856.1	853.7	856.9	855.5
20.5°	852.5	851.0	851.4	850.8
21°	848.0	847.8	849.1	847.2



TEST NUMBER: P563532

CATALOG NUMBER: 2NWS23C3-UNV-MED-4000K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
22.5°	835.2	833.4	839.6	834.5
23°	830.7	829.7	830.9	830.4
23.5°	826.2	826.1	829.2	829.0
24°	820.7	819.4	820.5	821.9
24.5°	816.4	815.7	816.5	827.5
25°	811.3	809.8	811.0	812.7
25.5°	806.5	805.8	807.2	805.6
26°	801.5	799.0	802.3	800.1
26.5°	797.2	796.9	796.5	796.0
27°	791.8	791.1	792.4	789.8
27.5°	786.4	785.0	786.9	784.4
28°	781.1	780.1	781.0	781.9
28.5°	775.2	774.5	776.1	781.1
29°	770.0	768.6	770.7	765.2
29.5°	764.2	764.2	765.0	764.6
30°	758.2	757.4	758.7	756.9
30.5°	752.7	752.7	753.0	752.4
31°	747.0	746.9	747.7	744.4
31.5°	740.9	739.5	741.8	740.8
32°	735.0	735.3	735.7	731.5
32.5°	728.9	729.7	730.0	730.0
33°	723.1	720.8	723.5	721.5
33.5°	717.0	717.1	717.7	714.5
34°	710.2	711.2	711.4	707.9
34.5°	703.9	704.3	705.2	705.1
35°	697.6	698.0	698.7	697.6
35.5°	691.5	691.4	691.6	690.4
36°	684.7	685.1	688.3	684.7
36.5°	678.3	677.6	678.2	677.8
37°	671.4	671.5	672.9	671.6
37.5°	664.7	664.4	665.3	662.8
38°	658.0	658.0	659.6	653.9
38.5°	651.8	651.9	650.6	648.0
39°	644.7	645.6	645.6	641.3
39.5°	637.8	637.4	638.0	638.6
40°	630.4	630.9	633.0	633.0
40.5°	623.8	624.5	625.9	624.5
41°	616.5	617.6	618.1	615.9
41.5°	609.9	610.9	611.8	615.0
42°	603.3	603.6	605.2	602.6
42.5°	595.9	595.5	595.8	594.9
43°	588.5	589.1	590.8	588.3
43.5°	581.4	582.0	583.0	581.0



TEST NUMBER: P563532

CATALOG NUMBER: 2NWS23C3-UNV-MED-4000K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
45°	559.6	559.7	561.2	559.9
45.5°	552.8	552.7	553.9	553.0
46°	545.1	545.7	547.4	542.5
46.5°	537.8	538.6	539.4	538.4
47°	530.7	530.4	532.8	531.5
47.5°	523.3	524.1	525.0	522.8
48°	516.1	517.3	517.9	513.8
48.5°	508.7	510.5	510.0	507.7
49°	501.3	502.4	502.9	503.7
49.5°	494.1	495.1	496.1	493.0
50°	486.4	487.6	487.9	487.5
50.5°	479.5	481.0	480.4	481.3
51°	472.1	472.9	473.4	471.9
51.5°	465.0	466.3	466.2	464.5
52°	457.2	458.5	459.2	457.3
52.5°	449.9	451.3	451.3	450.2
53°	442.9	443.7	444.4	441.9
53.5°	435.6	436.8	437.0	435.1
54°	427.9	429.1	429.6	427.9
54.5°	420.8	421.9	422.0	420.0
55°	413.7	414.3	414.9	413.5
55.5°	406.7	407.3	408.0	405.9
56°	398.8	399.7	400.7	398.4
56.5°	391.9	392.5	393.2	391.1
57°	384.5	385.2	386.0	382.9
57.5°	377.2	378.4	377.7	376.2
58°	370.2	371.1	371.4	370.0
58.5°	362.9	363.9	363.9	361.8
59°	355.8	356.5	356.9	355.9
59.5°	348.5	349.3	349.5	347.3
60°	341.5	342.3	342.3	340.5
60.5°	334.5	335.1	335.2	332.9
61°	327.4	328.0	328.3	326.7
61.5°	320.6	320.6	321.4	319.5
62°	313.3	314.1	314.2	311.5
62.5°	306.2	306.8	306.6	304.8
63°	299.2	299.7	299.3	297.5
63.5°	292.4	292.6	292.7	290.6
64°	285.4	285.4	284.9	283.0
64.5°	278.7	278.8	278.4	276.3
65°	271.8	272.2	271.2	269.1
65.5°	265.0	264.8	264.1	262.1
66°	258.3	258.2	258.1	255.3



TEST NUMBER: P563532

CATALOG NUMBER: 2NWS23C3-UNV-MED-4000K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
67.5°	238.2	237.6	236.7	234.2
68°	231.7	230.7	229.9	227.6
68.5°	225.1	224.3	223.0	220.0
69°	218.5	217.2	216.0	213.3
69.5°	212.0	210.8	209.2	206.7
70°	205.5	203.8	202.4	200.3
70.5°	199.1	197.5	195.7	193.0
71°	192.6	191.0	189.1	186.1
71.5°	186.4	184.8	182.6	179.6
72°	180.1	177.8	175.9	173.1
72.5°	173.8	171.7	169.1	166.8
73°	167.6	165.0	162.9	160.2
73.5°	161.6	158.9	156.5	153.5
74°	155.6	152.9	150.3	147.1
74.5°	149.8	146.9	144.0	140.7
75°	144.0	140.8	137.8	134.3
75.5°	138.3	134.8	131.5	127.9
76°	132.5	128.7	125.3	121.8
76.5°	126.8	122.7	119.3	115.3
77°	121.2	117.0	113.3	109.4
77.5°	115.4	111.1	107.5	104.0
78°	109.8	105.3	101.5	97.6
78.5°	104.4	99.7	95.8	91.4
79°	98.9	94.1	89.8	86.3
79.5°	93.5	88.4	84.1	80.4
80°	88.3	83.1	78.7	74.8
80.5°	83.2	77.8	73.1	69.3
81°	78.2	72.6	67.8	64.0
81.5°	73.3	67.6	62.7	59.2
82°	68.4	62.5	57.5	54.4
82.5°	63.8	57.8	52.8	49.7
83°	59.1	53.1	48.0	44.9
83.5°	54.8	48.5	43.3	40.2
84°	50.7	44.3	39.0	35.8
84.5°	46.5	40.0	34.7	31.5
85°	42.7	35.9	30.6	27.5
85.5°	38.8	32.2	26.8	23.6
86°	35.2	28.6	23.1	20.0
86.5°	31.7	25.0	20.1	16.6
87°	28.5	21.9	17.1	13.4
87.5°	25.4	19.3	14.2	10.4
88°	22.4	16.7	11.2	7.6
88.5°	19.7	14.1	8.2	6.1



TEST NUMBER: P563532

CATALOG NUMBER: 2NWS23C3-UNV-MED-4000K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
90°	13.2	7.2	3.0	1.7
90.5°	11.0	5.6	2.0	0.2
91°	8.9	4.4	1.3	0.2
91.5°	7.5	3.4	0.9	0.2
92°	6.1	2.7	0.7	0.2
92.5°	5.1	2.2	0.6	0.1
93°	4.3	1.8	0.5	0.1
93.5°	3.7	1.7	0.5	0.1
94°	3.2	1.5	0.5	0.1
94.5°	2.9	1.5	0.5	0.1
95°	2.7	1.4	0.5	0.2
95.5°	2.6	1.4	0.4	0.2
96°	2.4	1.3	0.4	0.2
96.5°	2.3	1.3	0.4	0.2
97°	2.3	1.3	0.4	0.2
97.5°	2.2	1.2	0.4	0.3
98°	2.2	1.2	0.4	0.3
98.5°	2.1	1.2	0.4	0.3
99°	2.1	1.1	0.4	0.3
99.5°	2.1	1.1	0.4	0.4
100°	2.0	1.1	0.4	0.4
100.5°	2.0	1.1	0.4	0.5
101°	2.0	1.1	0.4	0.5
101.5°	1.9	1.1	0.5	0.5
102°	1.9	1.1	0.5	0.6
102.5°	1.9	1.1	0.5	0.6
103°	1.9	1.1	0.6	0.7
103.5°	1.9	1.1	0.6	0.7
104°	1.9	1.0	0.6	0.8
104.5°	1.8	0.9	0.7	0.8
105°	1.8	0.9	0.7	0.8
105.5°	1.8	0.9	0.7	0.8
106°	1.8	0.9	0.8	0.9
106.5°	1.7	0.9	0.8	0.9
107°	1.7	0.9	0.8	0.9
107.5°	1.7	0.9	0.8	1.0
108°	1.6	0.8	0.9	1.1
108.5°	1.6	0.9	0.9	1.1
109°	1.6	0.9	1.0	1.2
109.5°	1.5	0.9	1.0	1.3
110°	1.5	0.9	1.0	1.3
110.5°	1.4	1.0	1.0	1.4
111°	1.4	1.0	1.1	1.4



TEST NUMBER: P563532

CATALOG NUMBER: 2NWS23C3-UNV-MED-4000K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
112.5°	1.4	1.1	1.2	1.5
113°	1.3	1.1	1.2	1.5
113.5°	1.3	1.2	1.2	1.5
114°	1.2	1.2	1.2	1.6
114.5°	1.2	1.2	1.3	1.6
115°	1.1	1.3	1.3	1.6
115.5°	1.0	1.3	1.4	1.6
116°	1.0	1.3	1.4	1.6
116.5°	1.0	1.3	1.4	1.6
117°	1.0	1.3	1.4	1.6
117.5°	1.1	1.3	1.4	1.5
118°	1.1	1.3	1.4	1.5
118.5°	1.1	1.3	1.4	1.5
119°	1.1	1.3	1.4	1.5
119.5°	1.2	1.3	1.4	1.5
120°	1.2	1.4	1.5	1.5
120.5°	1.2	1.4	1.5	1.5
121°	1.2	1.4	1.5	1.5
121.5°	1.3	1.4	1.6	1.6
122°	1.3	1.5	1.6	1.6
122.5°	1.3	1.5	1.6	1.6
123°	1.4	1.5	1.6	1.6
123.5°	1.4	1.6	1.7	1.6
124°	1.4	1.6	1.7	1.6
124.5°	1.4	1.6	1.7	1.6
125°	1.5	1.6	1.7	1.7
125.5°	1.5	1.7	1.7	1.7
126°	1.5	1.7	1.7	1.7
126.5°	1.6	1.7	1.7	1.7
127°	1.6	1.7	1.7	1.7
127.5°	1.6	1.7	1.8	1.7
128°	1.7	1.8	1.8	1.7
128.5°	1.7	1.8	1.8	1.7
129°	1.7	1.8	1.8	1.7
129.5°	1.7	1.8	1.8	1.7
130°	1.7	1.8	1.8	1.7
130.5°	1.7	1.8	1.8	1.8
131°	1.7	1.8	1.8	1.8
131.5°	1.8	1.8	1.8	1.8
132°	1.8	1.8	1.8	1.8
132.5°	1.8	1.8	1.9	1.8
133°	1.8	1.9	1.9	1.8
133.5°	1.8	1.9	1.9	1.8



TEST NUMBER: P563532

CATALOG NUMBER: 2NWS23C3-UNV-MED-4000K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
135°	1.9	1.9	1.9	1.9
135.5°	1.9	2.0	1.9	1.9
136°	2.0	2.0	1.9	1.9
136.5°	2.0	2.0	1.9	1.9
137°	2.0	2.0	1.9	1.9
137.5°	2.0	2.1	1.9	1.9
138°	2.0	2.1	1.9	1.9
138.5°	2.0	2.1	1.9	1.9
139°	2.0	2.2	2.0	1.9
139.5°	2.0	2.2	2.0	1.9
140°	2.0	2.2	2.0	2.0
140.5°	2.0	2.3	2.0	2.0
141°	2.0	2.3	2.0	2.0
141.5°	2.0	2.3	2.0	2.0
142°	2.0	2.4	2.0	2.0
142.5°	2.0	2.4	2.0	2.0
143°	2.0	2.4	2.0	2.0
143.5°	2.1	2.4	2.0	2.0
144°	2.1	2.5	2.0	2.0
144.5°	2.1	2.5	2.0	2.0
145°	2.2	2.5	2.0	2.0
145.5°	2.2	2.5	2.0	2.1
146°	2.3	2.5	2.0	2.1
146.5°	2.3	2.5	2.0	2.1
147°	2.3	2.5	2.0	2.1
147.5°	2.3	2.5	2.0	2.1
148°	2.3	2.5	2.0	2.1
148.5°	2.4	2.5	2.0	2.0
149°	2.4	2.5	2.0	2.0
149.5°	2.4	2.5	2.0	2.0
150°	2.4	2.5	2.0	1.9
150.5°	2.5	2.5	2.0	2.0
151°	2.5	2.5	2.0	2.0
151.5°	2.5	2.5	2.0	2.0
152°	2.5	2.5	2.0	2.0
152.5°	2.5	2.5	2.0	2.0
153°	2.5	2.5	2.0	2.0
153.5°	2.5	2.5	2.0	2.0
154°	2.5	2.5	2.0	2.0
154.5°	2.6	2.5	2.0	2.0
155°	2.6	2.5	2.0	2.0
155.5°	2.6	2.5	2.0	2.0
156°	2.6	2.5	2.0	2.0



TEST NUMBER: P563532

CATALOG NUMBER: 2NWS23C3-UNV-MED-4000K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
157.5°	2.6	2.4	1.9	2.0
158°	2.6	2.4	1.9	2.0
158.5°	2.5	2.4	1.9	2.0
159°	2.5	2.4	1.9	2.0
159.5°	2.5	2.4	1.9	2.0
160°	2.5	2.4	1.9	2.0
160.5°	2.5	2.4	1.9	2.0
161°	2.5	2.4	1.9	2.0
161.5°	2.5	2.4	1.9	2.0
162°	2.5	2.4	1.9	1.9
162.5°	2.5	2.4	1.9	1.8
163°	2.5	2.4	1.9	1.8
163.5°	2.5	2.3	1.9	1.8
164°	2.5	2.3	1.9	1.7
164.5°	2.4	2.3	1.9	1.7
165°	2.4	2.3	1.9	1.7
165.5°	2.4	2.3	1.9	1.7
166°	2.4	2.2	1.9	1.7
166.5°	2.3	2.1	1.9	1.7
167°	2.3	2.1	1.9	1.5
167.5°	2.3	2.1	1.9	1.4
168°	2.3	2.0	1.8	1.4
168.5°	2.2	2.0	1.6	1.4
169°	2.1	1.8	1.5	1.3
169.5°	2.0	1.5	1.4	1.4
170°	2.0	1.5	1.4	1.4
170.5°	2.0	1.5	1.4	1.4
171°	2.0	1.5	1.5	1.4
171.5°	1.9	1.5	1.5	1.4
172°	1.7	1.5	1.5	1.4
172.5°	1.6	1.4	1.5	1.4
173°	1.5	1.4	1.4	1.3
173.5°	1.4	1.4	1.4	1.3
174°	1.4	1.4	1.4	1.3
174.5°	1.4	1.4	1.4	1.4
175°	1.4	1.4	1.4	1.4
175.5°	1.4	1.4	1.4	1.4
176°	1.4	1.4	1.4	1.4
176.5°	1.4	1.4	1.4	1.4
177°	1.4	1.4	1.4	1.4
177.5°	1.4	1.4	1.4	1.4
178°	1.4	1.4	1.4	1.4
178.5°	1.4	1.5	1.5	1.8



TEST NUMBER: P563532

CATALOG NUMBER: 2NWS23C3-UNV-MED-4000K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
180°	2.0	2.0	2.0	2.0



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	842.4	843.6	832.5	846.9	838.1	836.4	834.3	834.1	831.2	828.8	826.6
22°	838.4	829.2	830.1	842.2	834.0	831.7	829.7	827.2	826.1	823.5	822.9



44°	573.5	573.1	568.2	575.7	564.5	558.7	551.4	545.2	538.8	535.2	533.5
44.5°	567.2	565.7	559.5	568.4	557.2	550.8	543.7	537.6	531.5	527.5	526.1



66.5°	247.9	247.5	244.6	249.9	242.9	239.3	234.2	230.8	227.1	224.8	224.3
67°	240.9	240.6	238.0	241.7	236.5	232.8	228.3	225.1	221.0	219.0	218.2



89°	4.6	5.2	8.8	14.7	20.3	25.6	29.7	32.7	34.3	34.7	33.9
89.5°	3.2	3.9	7.1	12.7	18.2	23.3	27.4	30.4	32.0	32.4	31.6



111.5°	1.4	1.4	1.1	1.1	1.3	1.3	1.4	1.6	1.8	1.9	1.8
112°	1.4	1.4	1.1	1.1	1.4	1.4	1.4	1.6	1.7	1.8	1.7



134°	1.9	1.9	1.9	2.2	3.0	2.2	2.0	2.0	1.9	1.9	1.9
134.5°	1.9	1.9	1.9	2.2	3.0	2.2	2.0	2.0	1.9	1.9	1.9



156.5°	2.0	1.8	2.3	2.3	2.3	2.1	1.9	1.9	2.0	2.1	2.1
157°	2.0	1.8	2.2	2.3	2.3	2.1	1.9	1.9	2.0	2.0	2.0



179°	2.0	2.0	1.9	1.7	1.5	1.4	1.4	1.1	1.3	1.1	1.2
179.5°	2.0	2.0	2.0	1.9	1.7	1.5	1.3	1.2	1.0	1.0	1.1





21.5°	825.5	821.6	827.2	824.1	824.6	824.5	823.7	825.2	831.5	820.9	832.7
22°	823.5	822.3	821.2	820.5	820.4	818.7	821.1	820.2	819.8	813.7	831.1



44°	536.2	539.7	543.3	548.3	548.3	547.9	548.7	549.1	551.3	546.4	557.9
44.5°	528.6	533.4	538.0	539.8	541.7	541.1	541.5	542.2	542.6	539.5	549.9



66.5°	225.7	228.1	230.6	231.7	232.3	231.2	230.6	231.4	232.0	232.5	238.2
67°	219.8	221.9	224.4	225.3	225.7	224.7	223.8	224.8	225.3	226.0	231.8



89°	32.2	29.1	24.8	19.4	13.6	7.8	4.1	1.5	3.7	8.1	14.5
89.5°	30.0	26.9	22.7	17.4	11.7	6.4	2.8	0.2	2.5	6.4	12.2



111.5°	1.7	1.5	1.4	1.3	1.2	1.3	1.6	1.5	1.4	1.3	1.5
112°	1.6	1.5	1.4	1.4	1.3	1.3	1.6	1.6	1.4	1.3	1.5



134°	2.0	2.0	2.2	2.9	2.3	1.9	2.0	1.8	1.8	1.8	2.2
134.5°	2.0	2.1	2.2	3.0	2.3	1.9	2.1	1.8	1.8	1.9	2.2



156.5°	2.0	1.9	2.0	2.2	2.4	2.3	2.1	2.0	1.9	2.3	2.5
157°	1.9	1.9	2.0	2.2	2.4	2.3	2.1	2.0	1.9	2.3	2.4



179°	1.3	1.4	1.7	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0
179.5°	1.0	1.4	1.6	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0





21.5°	828.5	828.2	830.2	832.3	832.2	833.2	834.0	835.0	839.4	842.2	840.9
22°	823.3	824.2	825.8	830.8	829.1	833.6	830.1	831.2	835.3	837.6	838.3



44°	550.6	548.9	546.2	545.6	542.2	543.0	545.0	551.1	558.8	566.0	570.3
44.5°	543.7	541.8	539.1	537.4	533.1	534.4	538.0	544.2	551.9	558.7	563.5



66.5°	236.4	235.8	234.7	233.6	233.1	233.3	235.2	238.9	243.3	247.2	250.5
67°	230.3	229.4	228.5	228.4	227.0	227.8	229.3	232.6	237.1	240.9	244.0



89°	19.8	25.1	29.8	33.3	35.4	36.4	36.2	34.9	32.2	28.3	23.1
89.5°	17.8	22.9	27.3	30.7	32.9	33.8	33.6	32.3	29.7	25.7	20.5



111.5°	2.4	3.1	3.6	4.0	4.3	4.4	4.3	4.1	3.6	3.0	2.3
112°	2.4	3.0	3.6	4.0	4.3	4.4	4.3	4.0	3.6	3.0	2.3



134°	2.1	1.8	1.7	1.6	1.5	1.5	1.5	1.5	1.6	1.7	1.8
134.5°	2.3	1.9	1.7	1.6	1.5	1.5	1.5	1.5	1.6	1.8	1.9



156.5°	2.4	2.2	2.2	2.3	2.3	2.4	2.3	2.3	2.2	2.3	2.4
157°	2.4	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.2	2.3	2.4



179°	1.9	1.9	1.6	1.4	1.3	1.2	1.0	1.1	1.2	1.4	1.4
179.5°	2.0	2.0	1.7	1.4	1.1	1.1	1.0	0.9	1.2	1.2	1.5





21.5°	843.8	842.5	845.4	842.4
22°	839.2	839.3	839.5	838.4



44°	574.2	574.8	574.6	573.5
44.5°	567.3	568.2	568.1	567.2



66.5°	251.6	251.5	250.4	247.9
67°	245.0	244.4	243.4	240.9



89°	17.5	11.6	6.1	4.6
89.5°	15.4	9.0	4.3	3.2



111.5°	1.4	1.0	1.1	1.4
112°	1.4	1.1	1.1	1.4



134°	1.9	1.9	1.9	1.9
134.5°	1.9	1.9	1.9	1.9



156.5°	2.6	2.5	1.9	2.0
157°	2.6	2.5	1.9	2.0



179°	1.5	1.7	1.8	2.0
179.5°	1.7	1.9	2.0	2.0



(END OF REPORT)