

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: P563533

Luminaire Tested: **2NWS23C3-UNV-MED-5000K**

Issue Date: 7/18/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P563533  
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-5000K  
Description: 2 FOOT NWS SELETABLE WRAP AT 3500K AND MED LUMEN SETTING  
Light Source: -  
Ballast/Driver:

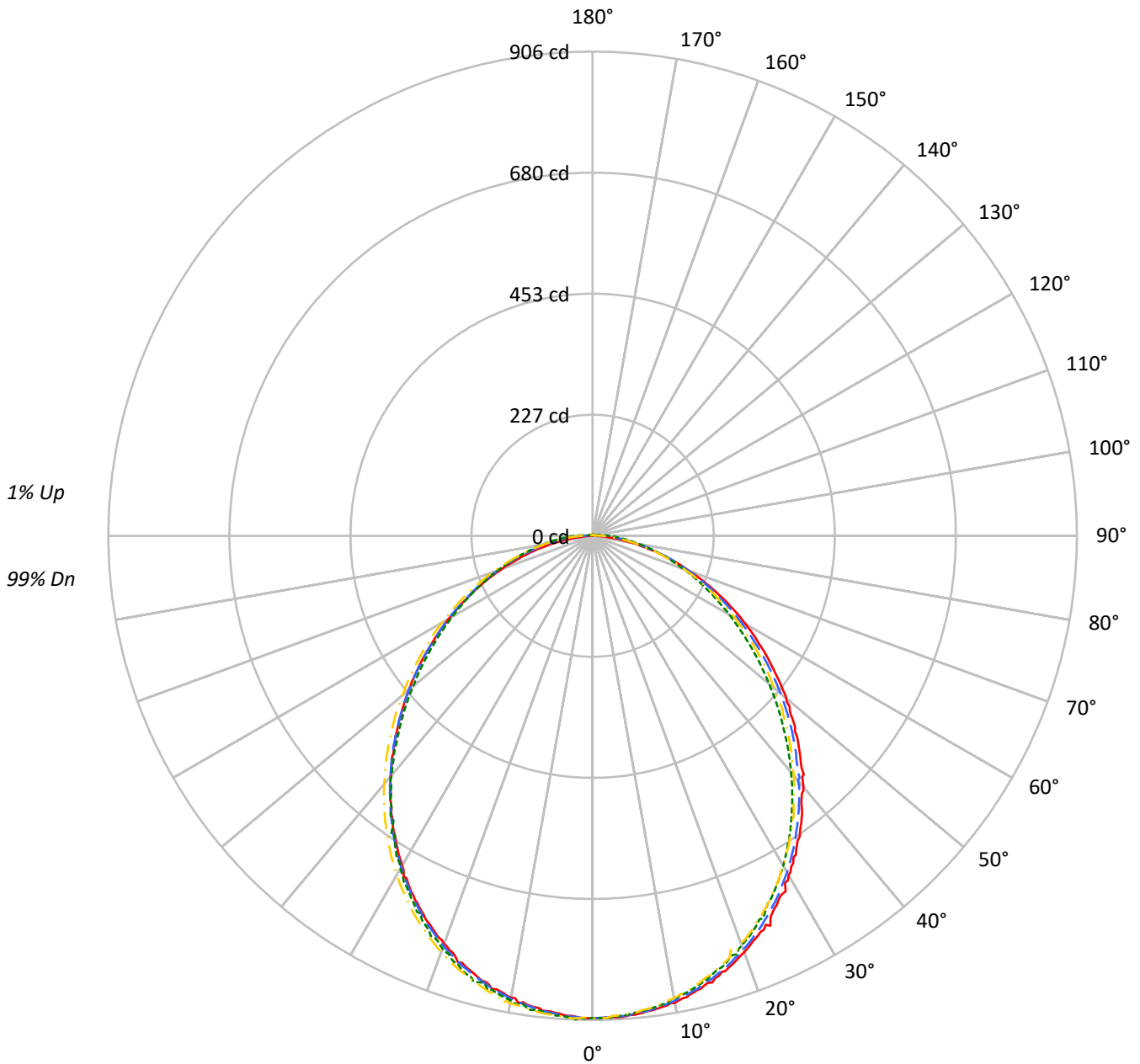
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2294.0 lumens  
Efficiency: N/A  
Efficacy: 126.7 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): 18.1  
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

TEST NUMBER: P563533  
CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

### Luminous Intensity Polar Plot





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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°	10970	10970	10970	10970
5°	10938	10760	10868	10770
10°	10876	10507	10752	10551
15°	10769	10225	10584	10341
20°	10572	9882	10359	9955
25°	10368	9481	10093	9584
30°	10060	9031	9773	9107
35°	9753	8502	9394	8528
40°	9411	7922	9022	8020
45°	8962	7297	8549	7404
50°	8519	6661	8086	6786
55°	8022	6032	7589	6176
60°	7488	5418	7068	5570
65°	6892	4821	6435	4996
70°	6196	4225	5724	4413
75°	5295	3612	4864	3838
80°	4109	2972	3638	3230
85°	2526	2414	2053	2601



TEST NUMBER: P563533  
 CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	85.2	3.7
10°-20°	241.3	10.5
20°-30°	356.7	15.6
30°-40°	412.3	18.0
40°-50°	402.9	17.6
50°-60°	340.7	14.9
60°-70°	246.4	10.7
70°-80°	140.4	6.1
80°-90°	49.2	2.1
90°-100°	8.0	0.4
100°-110°	2.5	0.1
110°-120°	1.9	0.1
120°-130°	1.6	0.1
130°-140°	1.5	0.1
140°-150°	1.4	0.1
150°-160°	1.0	0.0
160°-170°	0.6	0.0
170°-180°	0.2	0.0
0°-30°	683.2	29.8
0°-40°	1095.5	47.8
0°-60°	1839.1	80.2
0°-90°	2275.2	99.2
90°-120°	12.5	0.5
90°-150°	17.1	0.7
90°-180°	19.0	0.8
0°-180°	2294.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	902	902	902	902	902	
5°	900	896	894	897	900	85
15°	865	853	850	863	865	243
25°	788	769	767	777	788	362
35°	676	648	651	650	676	422
45°	543	504	518	511	543	419
55°	401	361	379	369	401	358
65°	261	235	244	244	261	258
75°	130	131	120	139	130	138
85°	27	54	22	59	27	31
90°	2	29	0	30	2	2
95°	0	14	0	13	0	0
105°	1	3	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	



TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
0°	902.4	902.4	902.4	902.4	902.4	902.4	902.4	902.4	902.4	902.4	902.4
0.5°	902.4	905.7	896.0	914.0	902.4	902.2	902.6	904.6	901.5	903.1	901.5
1°	903.1	904.4	895.3	909.6	902.1	902.3	902.3	905.7	903.1	902.3	901.0
1.5°	901.9	903.8	894.7	915.7	901.7	902.2	901.8	906.0	903.9	902.6	900.6
2°	902.2	901.7	894.3	912.8	901.9	901.3	902.6	903.2	901.9	901.7	902.3
2.5°	901.6	900.2	894.4	908.9	903.5	901.1	901.2	901.3	901.6	903.0	899.6
3°	902.6	901.8	894.4	909.3	901.2	901.4	901.2	905.7	899.9	899.9	899.3
3.5°	901.9	899.4	893.3	908.4	901.0	899.9	900.2	903.8	900.7	899.5	898.3
4°	901.2	905.2	897.9	912.5	900.2	899.7	899.3	899.9	899.1	899.1	898.2
4.5°	899.6	901.2	892.9	909.3	899.9	898.5	898.0	900.5	898.7	897.5	898.0
5°	899.6	902.3	891.5	906.0	899.1	897.6	898.2	898.3	897.3	896.2	894.9
5.5°	898.5	897.9	892.1	907.6	897.1	896.1	896.6	898.5	896.8	895.5	893.7
6°	897.6	901.1	889.9	902.8	896.1	895.8	896.0	893.4	895.3	893.9	893.3
6.5°	895.5	892.0	888.8	904.1	896.0	894.8	894.4	896.6	895.1	893.1	890.6
7°	895.7	898.4	887.4	903.4	894.5	893.0	893.0	902.9	894.0	891.3	890.7
7.5°	893.9	893.4	890.0	903.0	892.9	891.7	891.5	888.4	891.9	889.9	888.5
8°	892.3	892.6	885.2	901.8	890.7	889.9	889.6	891.9	889.0	888.3	885.4
8.5°	890.8	892.2	882.7	899.8	889.7	888.4	887.4	887.4	888.9	886.2	884.6
9°	889.9	895.0	882.8	896.5	887.8	887.0	886.3	887.4	885.6	887.2	881.9
9.5°	886.8	887.8	879.8	892.7	886.1	885.4	884.7	886.0	883.2	880.8	881.2
10°	887.5	886.8	878.3	894.8	883.8	883.3	882.8	881.9	883.8	879.3	879.6
10.5°	884.7	883.8	876.4	890.9	881.8	881.4	880.3	878.8	878.6	877.5	877.3
11°	882.0	880.7	876.2	890.1	881.3	878.6	878.4	879.2	878.2	875.9	874.9
11.5°	881.3	879.5	872.7	884.8	877.9	876.2	875.8	875.7	874.8	873.2	872.5
12°	877.7	877.7	871.2	883.3	875.8	874.5	873.8	873.1	869.9	870.9	869.1
12.5°	875.1	874.4	867.5	882.2	872.9	871.8	870.7	872.7	869.4	867.8	866.3
13°	872.2	874.4	871.6	877.7	870.6	869.5	868.6	867.1	866.8	865.8	863.8
13.5°	871.2	870.3	863.4	883.5	868.8	866.5	865.7	864.7	864.6	862.8	860.9
14°	866.9	868.5	861.7	875.9	864.8	863.7	862.8	863.6	862.1	859.4	857.7
14.5°	864.0	866.1	826.1	873.6	861.9	860.9	859.7	866.2	857.6	856.9	854.1
15°	865.2	861.8	852.5	864.5	859.9	857.8	857.0	857.8	856.3	853.2	851.4
15.5°	858.7	853.3	852.4	869.9	856.3	854.8	853.5	851.9	854.6	849.0	848.7
16°	856.9	857.7	849.0	857.7	852.4	851.7	850.5	850.0	847.9	845.1	845.5
16.5°	851.4	854.0	845.0	861.9	850.2	848.6	846.6	845.9	844.7	843.4	841.9
17°	851.3	849.4	864.2	857.4	847.0	845.2	844.1	843.1	840.6	840.6	837.5
17.5°	847.0	846.5	838.9	855.2	843.1	841.6	840.0	841.7	841.9	836.5	834.0
18°	844.1	843.5	833.9	850.7	839.4	838.6	837.1	836.9	834.5	830.0	830.5
18.5°	840.3	841.1	832.9	846.5	835.4	834.1	833.4	833.3	830.6	827.4	826.7
19°	836.3	837.2	831.1	842.8	832.7	830.7	829.8	830.1	826.8	828.8	822.5
19.5°	832.4	834.8	828.0	839.5	829.9	826.9	825.4	824.3	823.1	820.0	818.9
20°	829.5	826.8	823.1	835.8	825.3	822.7	821.6	819.3	818.7	816.0	814.6
20.5°	825.0	823.7	818.2	831.5	821.1	818.9	817.4	818.5	815.7	811.7	811.1
21°	821.4	820.6	813.4	826.9	817.1	814.9	813.8	812.9	810.9	807.1	805.8



TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
22.5°	809.1	812.7	801.1	813.3	804.4	801.9	801.2	801.7	797.2	794.3	792.4
23°	805.1	802.6	798.1	813.0	799.8	797.6	796.3	792.9	791.4	788.6	786.9
23.5°	803.7	803.1	791.9	808.3	795.3	793.4	793.0	792.3	787.2	782.6	782.4
24°	796.9	794.8	790.1	802.3	790.6	788.1	792.4	784.6	782.2	783.4	777.7
24.5°	802.3	790.9	782.5	793.5	785.8	783.4	781.7	780.4	777.1	776.5	772.1
25°	787.9	785.6	781.2	792.8	781.0	778.9	776.1	772.8	771.5	768.6	768.0
25.5°	781.1	780.4	772.9	790.8	776.4	773.5	770.9	772.4	767.1	761.2	762.7
26°	775.8	774.9	769.0	780.8	771.1	768.4	766.7	769.1	761.6	758.4	757.6
26.5°	771.8	771.4	762.9	776.1	766.7	763.2	761.9	758.0	755.8	753.2	750.1
27°	765.7	765.6	754.9	769.7	761.3	758.5	755.6	753.4	751.0	747.6	746.3
27.5°	760.5	759.8	751.9	765.5	756.1	753.2	750.0	748.9	747.0	742.2	740.5
28°	758.1	755.7	746.6	760.1	750.4	748.0	745.2	744.0	738.9	736.6	734.6
28.5°	757.4	752.5	744.9	755.8	744.9	742.0	739.8	738.7	733.3	730.9	729.1
29°	741.9	744.2	737.4	748.6	739.5	736.4	734.6	730.5	728.2	724.7	722.8
29.5°	741.4	741.1	732.0	744.3	734.4	730.9	726.9	725.1	721.8	719.0	717.0
30°	733.8	730.8	724.1	740.4	728.7	725.6	721.7	723.4	716.3	713.0	711.2
30.5°	729.5	736.4	721.2	733.5	723.1	720.0	716.4	713.4	710.7	706.8	704.9
31°	721.8	723.8	714.3	726.2	717.2	714.0	710.6	707.0	704.0	700.4	699.2
31.5°	718.2	716.3	716.5	722.4	711.1	707.7	704.4	702.4	697.5	694.0	692.4
32°	709.3	711.1	704.3	720.7	705.2	701.9	697.9	694.9	691.2	687.8	685.5
32.5°	707.8	705.6	694.6	707.1	699.5	695.8	692.0	689.0	684.4	681.1	680.4
33°	699.6	700.1	693.3	703.2	693.5	689.9	685.7	682.2	677.6	674.9	673.2
33.5°	692.8	693.5	686.2	698.9	687.3	683.7	679.5	674.1	671.8	668.5	666.8
34°	686.3	685.7	681.5	699.7	681.0	677.2	672.6	672.0	665.0	662.2	659.0
34.5°	683.6	681.3	675.5	685.7	674.7	670.5	666.1	662.5	657.3	655.0	653.1
35°	676.3	674.9	667.8	680.3	668.9	664.8	659.7	656.0	652.3	648.1	646.1
35.5°	669.4	669.3	661.9	672.8	662.1	658.2	653.1	649.4	644.2	641.3	639.4
36°	663.9	662.4	655.7	665.2	656.1	652.0	646.2	641.7	637.2	634.4	633.3
36.5°	657.2	655.9	649.7	659.7	649.3	644.8	639.1	639.8	632.5	627.5	626.2
37°	651.2	649.3	643.7	654.2	643.5	638.5	633.4	627.3	625.3	620.7	618.9
37.5°	642.7	643.9	636.8	644.9	636.1	631.7	626.1	622.7	617.2	613.2	612.7
38°	634.0	636.9	630.4	639.4	629.5	625.6	619.2	614.4	610.6	606.1	604.9
38.5°	628.2	629.9	624.8	633.8	623.5	618.3	612.8	607.2	602.8	599.3	598.4
39°	621.8	623.4	617.5	628.4	616.8	611.3	604.2	602.9	595.3	592.1	590.3
39.5°	619.1	616.8	611.0	620.8	609.9	604.6	600.1	593.6	589.1	584.9	583.7
40°	613.7	610.5	604.4	606.3	595.9	598.0	592.6	585.4	581.5	577.7	576.2
40.5°	605.5	603.7	598.0	605.8	601.9	590.6	584.8	579.5	573.7	570.2	569.0
41°	597.2	597.0	590.8	599.7	587.4	583.8	577.2	575.1	568.6	562.9	561.7
41.5°	596.3	589.6	584.1	592.9	582.5	576.9	570.9	564.7	560.4	555.5	554.7
42°	584.3	582.7	577.2	586.0	571.8	569.7	563.1	559.3	552.5	548.2	546.7
42.5°	576.8	576.6	570.3	578.2	564.5	562.9	556.2	551.2	544.7	541.2	540.0
43°	570.4	569.8	563.8	575.0	561.1	556.0	548.9	543.4	537.5	533.7	532.5
43.5°	563.4	563.0	557.4	563.9	554.2	548.4	541.8	536.4	530.4	526.0	525.2



TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
45°	542.9	542.3	535.9	543.1	532.9	527.5	520.0	513.2	507.6	504.0	503.5
45.5°	536.2	535.2	529.1	536.0	526.0	520.4	513.0	505.1	500.7	496.7	496.1
46°	526.0	527.8	522.0	529.0	519.0	513.0	506.0	499.6	492.9	489.2	488.3
46.5°	522.0	520.6	514.8	522.1	511.7	505.6	498.4	492.3	485.7	481.9	481.0
47°	515.3	513.7	509.0	515.3	504.7	498.7	490.8	485.7	478.5	475.1	474.7
47.5°	506.9	506.3	499.6	507.6	497.6	491.2	483.6	478.1	470.9	467.3	466.4
48°	498.1	498.4	494.5	500.8	490.9	483.8	476.7	470.5	464.3	460.0	459.4
48.5°	492.2	493.2	486.9	493.7	483.3	476.6	469.3	463.5	455.8	452.4	451.7
49°	488.4	485.8	480.8	485.9	476.4	469.7	461.7	455.3	449.2	445.6	445.3
49.5°	478.0	476.9	473.0	478.4	468.9	462.6	455.4	447.4	441.8	438.2	436.8
50°	472.7	473.1	466.3	472.1	461.9	455.6	447.6	440.9	434.5	430.9	430.7
50.5°	466.6	463.2	458.3	464.5	454.7	447.6	440.3	434.4	427.2	423.7	422.2
51°	457.6	457.3	451.9	457.3	447.9	441.0	432.9	425.8	420.5	416.6	416.3
51.5°	450.3	448.9	444.7	449.8	440.4	433.5	425.8	419.6	412.9	409.3	408.7
52°	443.4	441.8	438.2	442.2	433.3	426.5	418.8	408.6	406.0	402.4	401.8
52.5°	436.5	435.9	431.2	435.5	426.5	419.5	411.7	404.8	399.0	395.3	394.2
53°	428.5	428.4	422.8	428.5	418.8	412.3	404.5	398.0	391.8	388.4	387.3
53.5°	421.8	421.8	414.6	421.9	412.1	405.3	397.6	390.8	384.7	381.4	380.6
54°	414.9	414.3	410.2	414.4	405.2	398.1	390.0	384.2	378.0	374.3	373.3
54.5°	407.3	406.5	402.3	407.1	397.5	391.3	383.3	380.1	371.3	367.6	367.3
55°	400.9	399.7	394.9	400.5	390.6	383.9	376.3	369.4	364.0	360.8	359.7
55.5°	393.6	393.1	390.0	391.4	383.7	377.2	369.2	362.9	357.4	353.9	353.5
56°	386.3	385.8	381.7	385.3	376.8	370.1	363.4	356.3	350.7	347.2	346.8
56.5°	379.2	378.0	377.3	378.1	369.5	363.2	355.9	348.9	343.9	340.4	340.2
57°	371.2	371.0	368.1	371.6	362.5	356.2	348.5	342.2	337.5	334.1	334.6
57.5°	364.8	363.6	360.6	366.0	355.7	349.4	342.3	335.4	330.4	327.3	326.0
58°	358.7	357.6	353.3	357.0	348.8	342.9	335.2	330.5	323.8	320.7	320.8
58.5°	350.8	349.7	346.0	350.0	341.8	335.7	328.4	322.2	317.7	314.4	314.0
59°	345.1	342.5	339.3	342.8	335.1	329.4	322.2	316.1	311.1	308.1	307.5
59.5°	336.7	336.7	332.3	336.3	328.3	322.2	315.6	309.4	304.6	301.4	301.2
60°	330.1	330.0	325.4	328.9	321.1	315.5	309.0	303.5	297.5	295.2	294.9
60.5°	322.8	322.7	318.5	322.1	314.5	308.9	302.0	296.9	291.6	289.1	288.6
61°	316.7	315.8	311.4	315.3	307.9	302.2	295.9	290.8	285.9	282.6	281.9
61.5°	309.8	308.3	304.4	308.7	301.2	295.6	289.1	284.3	279.5	276.5	276.5
62°	302.1	300.9	298.6	301.1	294.2	289.2	282.9	277.3	272.9	270.5	270.6
62.5°	295.5	294.8	290.9	294.2	287.8	282.5	276.6	271.3	267.6	264.6	263.4
63°	288.5	287.3	286.7	287.6	280.9	276.3	270.0	269.1	260.4	258.5	258.3
63.5°	281.7	280.6	278.9	280.7	274.6	269.7	264.2	259.5	255.1	252.5	252.3
64°	274.4	273.0	270.7	273.9	267.1	263.4	257.8	253.5	249.1	246.5	246.1
64.5°	267.8	266.9	264.3	267.3	261.6	257.1	251.8	246.5	243.2	241.0	240.7
65°	260.9	260.3	257.7	261.3	251.0	250.8	245.4	241.3	237.3	235.0	234.6
65.5°	254.1	253.3	250.7	253.9	248.1	244.6	239.3	235.5	231.6	229.4	228.9
66°	247.6	247.0	243.8	247.3	242.2	238.3	233.3	229.7	225.5	223.6	222.8





TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
67.5°	227.0	227.0	224.9	227.2	223.2	219.7	215.3	212.3	208.6	206.9	206.2
68°	220.7	219.8	218.5	220.9	216.7	213.8	209.7	206.8	203.3	201.3	201.0
68.5°	213.3	212.7	211.8	214.1	210.5	207.7	204.1	201.1	198.0	196.1	195.2
69°	206.8	206.5	205.2	207.9	204.4	201.8	199.0	195.6	192.2	190.8	190.2
69.5°	200.4	200.1	197.6	203.1	198.3	195.8	192.6	189.9	187.0	185.2	184.5
70°	194.2	193.6	190.8	195.1	192.0	190.0	187.1	184.6	182.4	180.1	179.4
70.5°	187.1	187.1	185.5	189.0	186.0	184.1	181.5	179.0	176.6	174.8	174.2
71°	180.5	180.3	179.2	182.3	180.1	178.4	176.1	173.8	171.4	169.9	169.0
71.5°	174.1	174.7	172.7	176.6	174.3	172.6	170.6	168.6	166.2	164.8	164.5
72°	167.8	167.9	167.2	170.7	168.3	167.2	165.2	163.2	161.2	159.8	159.9
72.5°	161.7	161.6	160.7	164.1	162.4	161.5	159.7	158.2	155.8	154.7	154.5
73°	155.3	155.2	154.4	158.1	156.7	156.0	154.6	153.0	151.2	149.7	149.1
73.5°	148.9	148.3	148.2	152.2	151.0	150.6	149.1	147.9	146.2	145.0	144.3
74°	142.7	142.7	142.0	145.9	145.3	145.0	144.2	143.2	141.4	140.2	139.4
74.5°	136.4	136.2	136.0	140.1	139.7	139.8	139.0	137.8	136.5	135.4	134.6
75°	130.2	130.3	130.2	134.1	134.2	134.6	133.8	133.1	132.0	130.7	130.1
75.5°	124.0	124.0	125.0	130.3	128.8	129.2	128.7	128.2	127.2	125.9	125.3
76°	118.1	118.5	118.2	122.8	123.2	124.1	123.6	123.8	122.6	122.0	120.7
76.5°	111.8	112.4	112.8	117.4	117.9	118.9	119.1	118.8	118.0	117.1	116.2
77°	106.0	106.4	107.1	111.0	112.6	114.0	114.1	114.3	113.4	112.6	111.8
77.5°	100.8	100.4	101.9	106.1	107.5	108.8	109.0	109.3	109.0	108.2	107.4
78°	94.6	95.3	95.9	100.7	102.5	104.0	105.2	105.2	104.6	103.9	103.1
78.5°	88.6	89.2	90.6	95.5	97.4	99.3	100.3	100.8	100.4	99.8	99.0
79°	83.7	83.5	85.4	90.0	92.4	94.6	95.6	96.3	96.1	95.7	94.9
79.5°	78.0	77.9	79.6	85.1	87.5	89.8	91.2	92.0	92.0	91.5	90.7
80°	72.5	72.8	74.8	80.2	82.7	85.5	86.8	88.0	88.2	87.6	86.9
80.5°	67.2	67.7	69.9	75.1	78.1	80.8	82.6	84.0	84.2	83.8	82.9
81°	62.0	62.5	64.9	70.3	73.5	76.6	79.3	80.0	80.6	80.0	79.2
81.5°	57.4	57.9	60.5	65.7	69.0	72.3	74.9	76.2	76.6	76.4	75.7
82°	52.8	53.4	56.1	60.9	64.6	68.2	70.9	72.5	73.0	72.9	72.0
82.5°	48.2	48.8	51.8	56.8	60.1	64.2	67.0	69.0	69.5	69.3	68.3
83°	43.5	44.3	47.4	52.8	56.4	59.9	63.2	65.2	66.0	66.0	65.2
83.5°	38.9	39.8	43.1	48.7	52.8	56.6	59.9	61.8	62.7	62.7	62.0
84°	34.7	35.8	38.8	44.6	49.2	53.3	56.7	58.8	59.8	60.4	59.2
84.5°	30.5	31.5	34.8	40.6	45.5	50.0	53.6	55.9	56.9	57.4	56.3
85°	26.7	27.6	30.9	36.8	41.9	46.8	50.5	52.9	54.0	54.4	53.4
85.5°	22.9	23.9	27.3	33.3	38.6	43.5	47.4	49.9	51.1	51.4	50.6
86°	19.4	20.4	23.9	29.9	35.5	40.5	44.3	47.0	48.1	48.5	47.7
86.5°	16.1	17.0	20.7	26.9	32.3	37.5	41.4	44.2	45.4	45.7	45.0
87°	13.0	13.9	17.8	23.9	29.5	34.7	38.6	41.4	42.8	43.1	42.3
87.5°	10.1	11.1	15.1	21.1	26.8	32.1	36.1	38.8	40.3	40.6	39.8
88°	7.4	8.6	12.6	18.7	24.3	29.5	33.5	36.4	37.7	38.2	37.5
88.5°	5.9	6.3	10.5	16.3	21.9	27.0	31.1	34.0	35.5	35.9	35.1



TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
90°	1.7	2.6	6.0	10.6	15.8	20.6	24.5	27.5	29.0	29.4	28.7
90.5°	0.2	1.3	5.0	9.1	14.0	18.7	22.7	25.5	27.1	27.5	26.8
91°	0.2	0.9	4.0	7.8	12.4	17.0	20.8	23.6	25.2	25.6	25.0
91.5°	0.2	0.6	3.1	6.6	10.9	15.4	19.0	21.8	23.4	23.8	23.2
92°	0.2	0.5	2.1	5.7	9.6	13.9	17.4	20.1	21.6	22.2	21.7
92.5°	0.1	0.4	1.7	4.9	8.4	12.4	15.9	18.5	20.0	20.5	20.0
93°	0.1	0.3	1.3	4.1	7.3	11.1	14.4	17.0	18.6	19.0	18.4
93.5°	0.1	0.3	1.1	3.2	6.4	10.0	13.2	15.7	17.1	17.6	17.1
94°	0.1	0.3	0.9	2.7	5.7	8.9	12.0	14.3	15.8	16.3	15.7
94.5°	0.1	0.2	0.8	2.3	5.1	8.0	10.9	13.1	14.5	15.0	14.5
95°	0.1	0.2	0.7	2.0	4.4	7.1	9.8	12.1	13.3	13.7	13.3
95.5°	0.2	0.2	0.6	1.8	3.7	6.3	8.8	11.0	12.2	12.7	12.2
96°	0.2	0.2	0.6	1.6	3.3	5.7	7.9	9.9	11.2	11.6	11.1
96.5°	0.2	0.2	0.5	1.4	2.9	5.1	7.2	9.1	10.3	10.7	10.3
97°	0.2	0.3	0.5	1.3	2.6	4.6	6.5	8.2	9.4	9.8	9.4
97.5°	0.2	0.3	0.5	1.2	2.4	4.0	6.0	7.5	8.6	9.0	8.6
98°	0.3	0.3	0.5	1.1	2.2	3.6	5.5	6.9	7.9	8.2	7.9
98.5°	0.3	0.4	0.5	1.0	2.0	3.3	4.9	6.3	7.2	7.5	7.2
99°	0.3	0.4	0.5	0.9	1.9	3.1	4.5	5.9	6.6	6.9	6.6
99.5°	0.4	0.5	0.5	0.9	1.8	2.9	4.1	5.5	6.2	6.4	6.2
100°	0.4	0.5	0.5	0.8	1.7	2.7	3.8	5.0	5.7	5.9	5.7
100.5°	0.5	0.5	0.5	0.8	1.6	2.6	3.6	4.6	5.3	5.5	5.3
101°	0.5	0.6	0.5	0.8	1.5	2.4	3.4	4.3	4.9	5.1	4.8
101.5°	0.5	0.6	0.6	0.7	1.4	2.3	3.2	4.1	4.6	4.7	4.6
102°	0.6	0.6	0.6	0.7	1.3	2.1	3.1	3.9	4.3	4.4	4.3
102.5°	0.6	0.7	0.7	0.7	1.2	2.0	2.9	3.7	4.1	4.2	4.1
103°	0.7	0.7	0.6	0.8	1.2	1.9	2.7	3.5	3.9	4.1	4.0
103.5°	0.7	0.7	0.6	0.8	1.1	1.8	2.6	3.3	3.7	3.9	3.8
104°	0.7	0.8	0.7	0.8	1.1	1.7	2.5	3.2	3.6	3.7	3.6
104.5°	0.8	0.9	0.7	0.8	1.0	1.6	2.3	3.0	3.4	3.5	3.4
105°	0.8	1.0	0.7	0.9	1.0	1.5	2.2	2.8	3.2	3.4	3.3
105.5°	0.8	1.1	0.7	0.9	1.0	1.5	2.1	2.7	3.1	3.2	3.1
106°	0.8	1.2	0.7	1.0	1.0	1.4	2.0	2.6	2.9	3.1	3.0
106.5°	0.9	1.2	0.8	1.0	1.0	1.4	1.9	2.4	2.8	2.9	2.8
107°	0.9	1.1	0.8	1.0	1.0	1.3	1.8	2.3	2.7	2.8	2.7
107.5°	1.0	1.1	0.9	1.0	1.0	1.3	1.7	2.2	2.5	2.6	2.5
108°	1.0	1.1	0.9	1.0	1.0	1.3	1.7	2.1	2.4	2.5	2.4
108.5°	1.1	1.1	1.0	1.0	1.1	1.2	1.6	2.0	2.3	2.4	2.3
109°	1.2	1.2	1.0	1.0	1.1	1.2	1.5	1.9	2.2	2.3	2.2
109.5°	1.2	1.3	1.1	1.0	1.2	1.2	1.5	1.8	2.1	2.2	2.1
110°	1.3	1.3	1.1	1.0	1.2	1.2	1.4	1.8	2.0	2.1	2.0
110.5°	1.3	1.3	1.1	1.0	1.2	1.2	1.4	1.7	1.9	2.0	1.9
111°	1.3	1.3	1.1	1.0	1.2	1.3	1.4	1.6	1.8	1.9	1.8



TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
112.5°	1.4	1.4	1.1	1.1	1.3	1.4	1.4	1.5	1.6	1.7	1.6
113°	1.4	1.4	1.1	1.1	1.2	1.4	1.4	1.4	1.6	1.6	1.6
113.5°	1.5	1.4	1.1	1.1	1.1	1.4	1.4	1.4	1.5	1.6	1.5
114°	1.5	1.3	1.1	1.1	1.1	1.4	1.4	1.4	1.5	1.5	1.5
114.5°	1.5	1.3	1.2	1.1	1.2	1.5	1.5	1.5	1.5	1.5	1.5
115°	1.6	1.4	1.3	1.1	1.2	1.5	1.5	1.5	1.5	1.5	1.5
115.5°	1.6	1.6	1.3	1.1	1.2	1.6	1.6	1.5	1.5	1.5	1.5
116°	1.6	1.6	1.4	1.1	1.2	1.5	1.6	1.5	1.5	1.5	1.5
116.5°	1.6	1.6	1.5	1.2	1.3	1.4	1.6	1.6	1.5	1.5	1.6
117°	1.5	1.6	1.6	1.2	1.3	1.3	1.6	1.6	1.6	1.6	1.6
117.5°	1.5	1.6	1.7	1.2	1.3	1.3	1.6	1.7	1.6	1.6	1.6
118°	1.5	1.6	1.8	1.3	1.4	1.3	1.7	1.7	1.7	1.6	1.7
118.5°	1.4	1.6	1.8	1.3	1.4	1.3	1.7	1.7	1.7	1.7	1.7
119°	1.4	1.6	1.8	1.3	1.4	1.3	1.7	1.7	1.7	1.7	1.7
119.5°	1.4	1.6	1.7	1.4	1.5	1.3	1.5	1.7	1.7	1.7	1.7
120°	1.5	1.6	1.7	1.4	1.5	1.4	1.4	1.8	1.7	1.7	1.7
120.5°	1.5	1.7	1.7	1.4	1.5	1.4	1.3	1.8	1.8	1.7	1.8
121°	1.5	1.7	1.7	1.5	1.5	1.4	1.3	1.7	1.8	1.8	1.8
121.5°	1.5	1.7	1.7	1.5	1.6	1.5	1.4	1.6	1.9	1.8	1.8
122°	1.5	1.7	1.7	1.6	1.6	1.5	1.4	1.4	1.8	1.9	1.8
122.5°	1.5	1.7	1.8	1.6	1.6	1.5	1.4	1.4	1.7	1.8	1.7
123°	1.6	1.7	1.8	1.7	1.6	1.6	1.4	1.4	1.5	1.6	1.5
123.5°	1.6	1.7	1.9	1.7	1.6	1.6	1.5	1.4	1.4	1.5	1.4
124°	1.6	1.7	1.9	1.8	1.7	1.6	1.5	1.4	1.4	1.4	1.4
124.5°	1.6	1.7	2.0	1.8	1.7	1.6	1.5	1.4	1.4	1.4	1.4
125°	1.6	1.8	1.9	1.9	1.7	1.7	1.5	1.4	1.4	1.4	1.4
125.5°	1.6	1.8	1.9	2.0	1.7	1.7	1.6	1.5	1.4	1.4	1.4
126°	1.6	1.8	1.9	2.1	1.8	1.7	1.6	1.5	1.4	1.4	1.4
126.5°	1.6	1.8	1.9	2.2	1.8	1.7	1.6	1.5	1.4	1.4	1.4
127°	1.6	1.8	1.9	2.2	1.8	1.7	1.7	1.5	1.5	1.4	1.5
127.5°	1.7	1.8	1.8	2.3	1.8	1.8	1.7	1.6	1.5	1.5	1.5
128°	1.7	1.8	1.8	2.3	1.9	1.8	1.7	1.6	1.5	1.5	1.5
128.5°	1.7	1.8	1.8	2.2	1.9	1.8	1.7	1.6	1.6	1.5	1.6
129°	1.7	1.8	1.7	2.2	1.9	1.8	1.7	1.7	1.6	1.6	1.6
129.5°	1.6	1.8	1.6	2.1	2.0	1.9	1.8	1.7	1.6	1.6	1.6
130°	1.7	1.8	1.6	2.1	2.0	1.9	1.8	1.7	1.7	1.6	1.7
130.5°	1.7	1.8	1.7	2.1	2.1	1.9	1.8	1.7	1.7	1.6	1.7
131°	1.7	1.8	1.7	2.0	2.1	1.9	1.8	1.8	1.7	1.7	1.7
131.5°	1.7	1.8	1.7	2.0	2.2	2.0	1.8	1.8	1.7	1.7	1.7
132°	1.7	1.8	1.7	2.0	2.3	2.0	1.9	1.8	1.8	1.7	1.8
132.5°	1.8	1.9	1.8	2.1	2.4	2.0	1.9	1.8	1.8	1.7	1.8
133°	1.8	1.9	1.8	2.1	2.6	2.0	1.9	1.8	1.8	1.8	1.8
133.5°	1.8	1.9	1.8	2.1	2.7	2.1	1.9	1.9	1.8	1.8	1.8



TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

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



TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

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



TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
180°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9



TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
0°	902.4	902.4	902.4	902.4	902.4	902.4	902.4	902.4	902.4	902.4	902.4
0.5°	899.3	903.2	905.1	902.1	903.0	900.9	903.0	902.9	905.2	884.1	912.2
1°	901.2	901.5	903.6	901.0	902.0	901.4	901.9	902.6	901.1	893.7	911.0
1.5°	900.4	901.9	905.1	901.7	901.3	899.1	902.8	902.6	897.1	895.5	914.1
2°	903.3	902.5	902.7	899.5	901.0	899.1	902.0	900.5	899.4	893.3	908.5
2.5°	900.4	900.6	899.2	899.3	900.2	899.3	900.5	899.1	899.9	893.8	908.5
3°	898.8	900.5	900.9	897.8	899.5	899.0	895.9	899.7	900.6	898.2	908.4
3.5°	897.3	887.7	898.4	898.1	897.9	897.1	898.2	898.3	896.7	890.5	907.2
4°	896.3	894.3	898.2	896.8	897.9	895.4	898.2	896.1	897.9	888.9	906.4
4.5°	896.8	899.1	897.6	895.5	896.8	897.5	896.0	895.5	896.3	885.8	910.9
5°	894.9	908.8	897.7	894.3	894.8	891.9	896.6	893.8	894.1	889.1	906.5
5.5°	894.3	895.5	896.9	893.1	893.2	891.6	896.2	893.6	896.0	887.3	903.2
6°	893.3	893.4	892.4	891.9	893.1	891.7	892.5	893.5	892.8	885.4	901.3
6.5°	891.2	892.2	892.4	890.5	890.6	889.7	891.0	889.5	890.9	884.7	901.3
7°	889.7	893.2	891.4	889.8	889.1	888.7	895.0	888.9	890.2	881.7	900.0
7.5°	887.9	888.6	889.3	887.7	887.8	886.5	898.2	887.6	888.1	881.6	897.0
8°	886.1	887.5	886.8	885.5	885.8	883.2	884.7	885.9	885.8	880.5	896.0
8.5°	884.5	885.3	884.6	884.1	883.5	881.1	884.9	882.6	884.1	879.8	892.9
9°	882.8	883.2	883.0	881.5	881.5	879.2	882.8	885.7	882.1	873.1	889.2
9.5°	880.7	881.5	881.2	878.8	879.9	877.3	880.9	877.6	880.6	876.3	893.4
10°	876.9	879.2	878.9	877.9	877.6	876.6	877.4	877.4	886.9	872.5	895.1
10.5°	876.1	877.2	876.5	875.1	875.2	874.4	875.5	875.6	876.3	869.1	884.5
11°	873.2	873.6	873.8	872.6	872.9	871.1	873.2	872.1	871.2	866.6	879.7
11.5°	870.8	871.9	871.9	870.7	870.3	870.1	867.5	869.5	868.9	863.4	880.1
12°	868.7	869.3	869.4	867.2	867.8	866.6	867.4	867.3	866.4	860.9	878.3
12.5°	866.1	866.0	866.3	864.2	864.8	864.6	864.2	869.2	867.4	861.1	878.5
13°	862.8	863.4	863.2	862.6	861.5	862.4	862.6	861.8	862.3	848.2	871.6
13.5°	859.8	860.2	860.7	858.6	859.5	858.2	860.1	858.8	859.0	856.7	870.3
14°	856.6	857.7	857.0	855.2	856.1	854.1	855.4	857.6	856.5	843.9	866.9
14.5°	854.1	853.7	852.6	852.7	853.2	851.5	852.6	854.1	853.5	840.1	864.1
15°	851.2	851.6	852.1	849.9	849.6	848.3	851.3	850.3	849.7	845.0	860.9
15.5°	847.4	847.7	847.4	846.4	846.2	844.4	847.4	846.3	847.1	842.5	861.1
16°	844.6	846.6	843.8	842.9	843.1	843.1	842.4	843.1	844.4	836.6	853.6
16.5°	840.1	839.4	840.7	838.0	839.7	839.7	838.4	839.5	839.3	835.9	849.8
17°	837.0	838.0	836.7	836.7	836.3	834.6	838.5	835.7	837.4	832.4	848.1
17.5°	833.9	834.6	835.1	832.1	832.6	830.3	834.1	837.5	832.6	826.0	842.0
18°	829.4	830.3	830.5	829.1	828.7	827.3	829.6	829.1	830.5	823.9	838.6
18.5°	825.5	826.5	828.4	804.1	825.0	823.6	823.9	823.1	825.9	820.4	836.1
19°	821.6	802.0	822.2	825.3	820.0	819.2	820.6	820.8	821.2	815.7	832.2
19.5°	817.8	819.8	817.3	819.0	815.9	815.4	817.5	815.7	817.9	812.0	827.3
20°	814.0	814.2	813.2	807.9	812.9	811.1	813.5	812.8	813.6	809.4	823.1
20.5°	809.5	809.3	809.8	808.1	808.0	807.0	809.2	807.1	810.9	803.1	820.6
21°	804.8	811.0	805.3	803.7	805.0	802.9	803.7	805.2	801.3	802.6	813.8



TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
22.5°	791.5	790.8	793.0	790.2	790.8	789.5	790.3	790.9	792.6	787.4	802.6
23°	787.7	787.2	786.0	785.3	786.7	784.8	787.8	786.5	788.0	782.8	796.8
23.5°	773.9	784.2	782.8	784.6	781.4	779.8	780.5	782.6	782.2	775.9	792.8
24°	776.3	781.6	778.4	776.5	777.3	775.0	777.3	776.6	781.3	768.9	788.0
24.5°	771.8	772.6	770.9	771.9	771.7	770.5	772.3	771.9	773.9	767.0	783.1
25°	767.3	767.1	767.5	766.9	767.0	765.4	766.6	767.0	768.7	761.2	777.7
25.5°	761.3	761.8	763.1	761.0	762.3	760.5	761.1	761.6	760.2	758.1	772.9
26°	756.6	757.6	758.6	756.6	756.7	755.2	756.6	758.4	758.1	751.7	767.1
26.5°	750.9	750.7	752.2	750.2	751.3	749.6	751.8	751.4	755.4	747.8	762.1
27°	746.2	745.4	744.2	747.1	746.4	744.3	746.4	747.4	745.0	742.3	757.0
27.5°	740.4	741.9	743.5	740.9	740.7	738.9	740.7	741.5	742.3	736.7	751.9
28°	734.7	736.4	735.9	735.2	735.7	734.7	734.8	735.5	738.9	731.4	745.8
28.5°	729.5	728.8	731.6	730.3	730.2	727.4	729.6	729.7	728.7	723.8	740.5
29°	723.9	723.3	724.0	724.1	724.5	726.0	723.8	729.1	723.5	719.5	733.5
29.5°	717.3	719.6	719.4	715.8	718.3	717.5	718.0	718.3	719.1	715.2	740.5
30°	702.1	712.3	712.8	712.1	712.9	711.6	712.9	712.9	714.3	709.7	718.2
30.5°	700.0	704.9	707.9	707.4	707.4	705.2	706.7	706.7	708.7	706.3	717.0
31°	697.0	701.8	701.0	700.7	701.7	699.8	700.8	701.6	702.4	697.7	711.7
31.5°	693.3	696.2	695.1	696.0	695.6	693.6	694.7	696.1	695.9	690.4	706.6
32°	688.3	688.3	689.0	690.1	689.4	688.0	688.7	688.9	690.4	685.9	700.2
32.5°	680.2	681.5	683.3	685.5	683.2	682.3	682.4	683.6	684.9	679.9	695.5
33°	673.9	674.2	676.6	676.4	677.3	676.0	677.0	676.7	678.1	672.8	687.7
33.5°	669.0	669.6	670.9	671.2	671.5	670.0	669.3	670.9	670.8	668.2	681.4
34°	661.5	660.8	666.2	664.6	665.2	663.3	665.1	665.7	665.7	662.0	675.1
34.5°	653.9	655.9	658.5	657.5	658.9	657.9	658.1	660.2	659.4	654.4	668.6
35°	647.7	649.4	651.5	651.1	652.6	650.7	651.9	651.4	653.5	649.7	662.2
35.5°	640.2	644.0	649.8	644.9	646.2	644.8	645.8	646.5	646.7	643.2	656.6
36°	634.2	635.9	640.4	639.5	639.6	639.4	639.5	641.0	638.5	637.4	649.7
36.5°	627.9	624.4	631.6	632.3	632.7	632.5	632.9	632.8	634.8	630.5	642.4
37°	618.0	622.9	625.2	626.3	626.9	625.8	626.3	627.0	625.3	624.4	636.0
37.5°	612.5	615.8	618.4	618.9	620.2	619.3	619.8	622.4	621.3	617.1	630.2
38°	607.6	605.1	612.1	612.8	613.2	611.7	613.1	613.0	620.0	612.0	624.1
38.5°	602.6	604.8	605.6	606.8	607.0	605.6	606.0	607.6	606.5	604.0	616.4
39°	590.6	598.3	599.2	599.5	600.5	599.3	600.5	600.6	606.5	598.6	609.5
39.5°	586.6	589.5	591.2	592.7	593.6	593.0	593.5	594.8	595.2	590.2	606.0
40°	575.9	580.5	584.4	585.8	587.1	585.8	587.0	588.3	588.7	584.5	594.6
40.5°	572.5	576.5	578.0	578.3	580.3	579.0	579.8	579.9	580.5	577.3	589.6
41°	563.7	566.9	569.8	568.5	573.3	571.9	573.1	573.3	575.0	568.4	579.0
41.5°	557.8	558.9	562.8	564.6	566.4	566.4	566.4	566.5	567.6	565.6	572.7
42°	549.3	554.1	557.7	558.7	560.0	558.6	559.4	562.0	561.4	558.8	568.7
42.5°	542.0	546.6	550.0	551.0	552.0	552.4	552.7	551.5	553.7	550.3	562.6
43°	534.6	537.6	541.3	545.4	545.9	545.1	545.4	546.1	542.6	544.6	555.1
43.5°	527.8	533.5	534.5	536.3	538.6	537.7	538.9	540.3	540.0	536.3	550.4





TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
45°	505.1	511.4	513.0	515.3	517.9	517.3	518.0	517.9	519.2	517.4	526.8
45.5°	498.4	503.9	507.4	510.9	511.0	509.4	511.2	511.5	513.3	508.8	521.1
46°	491.0	496.5	499.7	501.0	504.0	503.5	503.7	504.5	505.7	501.8	514.1
46.5°	482.9	488.6	492.9	494.8	496.6	496.6	497.9	497.7	498.6	494.4	503.7
47°	476.2	483.0	485.3	487.3	489.8	489.8	490.1	489.8	490.9	489.0	497.2
47.5°	469.7	474.0	478.6	486.1	482.7	482.6	483.3	483.7	484.4	482.4	492.3
48°	461.9	466.5	472.0	474.2	475.9	475.6	475.5	476.6	478.1	477.8	483.4
48.5°	454.5	460.2	464.8	466.1	468.8	468.7	470.5	470.0	471.0	466.5	476.6
49°	447.9	452.0	455.8	458.0	461.7	461.5	462.3	462.9	463.0	461.7	471.5
49.5°	440.5	444.7	450.7	455.8	454.8	455.1	455.3	455.7	456.6	455.3	463.5
50°	433.1	437.9	443.8	446.1	448.1	447.9	448.2	448.7	449.6	447.0	457.8
50.5°	425.8	430.8	436.4	437.3	440.8	441.3	441.2	442.1	442.1	442.2	448.2
51°	419.0	423.8	428.5	431.7	433.6	433.9	435.4	435.5	435.4	431.4	441.5
51.5°	411.0	416.3	421.8	424.0	426.9	426.5	429.5	427.9	428.5	425.7	434.3
52°	404.5	409.4	415.5	417.3	419.9	419.7	421.0	421.3	421.8	420.6	427.7
52.5°	397.9	402.3	408.9	412.5	413.0	413.6	413.5	414.1	414.3	411.6	420.1
53°	390.8	395.8	401.9	404.6	405.9	407.2	406.3	406.7	407.4	406.7	414.5
53.5°	384.0	388.5	394.6	396.5	398.8	400.1	399.4	400.0	400.0	398.6	406.9
54°	376.3	381.5	387.0	389.3	392.1	392.5	394.4	393.2	393.6	391.9	398.7
54.5°	370.5	374.5	379.2	383.4	384.9	385.1	386.1	386.0	386.8	384.8	394.4
55°	362.8	368.3	373.8	376.5	378.3	378.5	378.8	379.3	379.9	378.3	384.7
55.5°	356.4	361.0	365.7	370.8	371.4	371.5	370.9	371.9	373.8	371.0	379.4
56°	349.3	354.2	359.7	363.0	364.6	367.2	364.4	365.3	366.0	364.2	370.9
56.5°	342.9	347.7	352.6	355.9	357.7	358.1	359.2	358.3	359.5	358.1	364.2
57°	336.5	340.7	347.1	348.6	350.7	350.9	351.3	351.4	351.1	350.7	359.0
57.5°	329.5	333.9	338.4	341.7	344.1	343.1	343.6	344.4	345.3	345.6	351.6
58°	323.0	327.5	332.4	335.7	337.0	337.6	337.2	337.9	338.6	337.1	341.0
58.5°	316.2	320.4	325.8	329.2	330.3	331.7	330.6	332.0	331.3	330.3	336.8
59°	309.9	314.0	318.3	321.4	323.9	324.4	324.2	323.9	324.0	323.5	330.3
59.5°	303.7	304.8	313.3	314.4	317.1	316.7	316.5	317.3	317.4	316.5	324.3
60°	297.4	300.9	305.4	307.9	310.8	310.0	309.6	311.6	311.1	310.7	317.4
60.5°	290.9	294.7	300.5	301.1	303.5	304.7	303.7	303.6	304.0	304.0	310.4
61°	284.5	288.4	291.1	295.1	296.3	297.6	297.0	295.6	297.4	296.9	303.8
61.5°	278.3	282.1	286.9	288.2	290.0	289.8	289.8	290.1	291.2	290.8	295.4
62°	272.1	275.5	279.8	281.8	283.3	283.4	283.2	283.3	284.2	283.9	290.4
62.5°	266.1	269.3	273.1	275.0	277.5	277.2	276.5	276.8	278.3	277.2	282.5
63°	259.7	263.2	266.7	268.5	270.5	270.4	269.6	269.8	271.1	270.6	276.7
63.5°	253.9	257.0	260.5	261.3	263.9	263.2	263.2	263.0	264.4	264.1	269.8
64°	247.9	250.9	253.9	256.9	257.7	257.1	256.4	257.3	259.3	257.3	263.6
64.5°	241.9	244.8	248.1	251.7	251.0	250.8	249.9	251.4	251.3	251.3	257.7
65°	236.1	238.9	241.8	244.1	244.3	243.7	243.2	243.6	244.1	244.9	249.7
65.5°	230.4	232.8	235.7	237.4	237.8	237.3	237.6	237.1	238.5	238.2	243.4
66°	224.3	227.1	229.5	231.0	231.9	231.0	230.3	230.4	232.2	231.9	237.4



TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
67.5°	207.4	209.6	211.7	212.4	212.6	211.4	210.7	211.3	212.5	211.8	218.7
68°	202.0	203.9	205.6	207.2	206.6	205.4	204.5	204.7	206.2	206.8	212.4
68.5°	196.4	198.1	199.8	200.4	200.4	198.9	198.1	198.7	199.6	200.5	206.2
69°	191.0	192.5	194.1	194.5	194.2	192.7	191.7	192.1	193.3	193.7	200.3
69.5°	185.6	187.0	188.1	188.3	187.8	186.2	185.3	185.3	186.7	187.7	193.5
70°	180.2	181.6	182.3	182.6	182.3	180.4	179.0	179.4	180.3	181.2	187.6
70.5°	174.8	175.9	176.8	176.5	175.9	173.9	172.7	173.2	174.4	176.5	181.5
71°	169.5	170.7	171.2	171.1	169.9	168.0	166.9	166.7	168.7	169.6	175.2
71.5°	164.3	165.3	166.0	165.5	164.1	162.4	160.5	160.8	162.3	163.6	170.4
72°	159.4	160.0	160.4	159.8	158.1	155.8	154.6	154.6	156.2	157.6	163.7
72.5°	154.2	155.0	154.6	154.0	152.2	149.8	148.2	148.8	149.7	151.9	156.8
73°	149.2	149.5	149.8	148.5	146.5	144.0	142.2	143.0	143.9	146.2	151.8
73.5°	144.3	144.6	144.1	142.9	141.0	137.9	136.4	137.2	138.1	140.6	146.3
74°	139.2	139.4	139.1	137.4	135.1	131.8	130.2	131.4	132.3	134.9	140.8
74.5°	134.5	134.4	134.0	132.0	129.6	126.4	124.3	125.6	126.6	129.2	135.3
75°	129.9	129.6	128.6	126.8	124.0	120.6	118.5	119.6	121.1	123.6	129.8
75.5°	125.2	124.7	124.0	121.5	118.7	115.4	112.8	113.5	115.3	118.0	124.3
76°	120.4	119.9	119.8	116.4	113.1	109.4	107.1	107.6	109.5	112.8	118.7
76.5°	115.9	115.1	114.1	111.2	107.9	104.1	101.4	102.2	103.9	106.6	113.3
77°	111.3	110.5	109.0	106.2	102.7	98.7	95.9	96.5	98.7	101.2	108.0
77.5°	106.8	105.9	104.1	101.1	97.4	92.8	90.5	90.9	92.6	95.9	102.8
78°	102.4	101.4	99.6	96.1	92.4	88.0	85.1	85.3	87.5	90.6	97.9
78.5°	98.2	97.0	94.7	91.4	87.5	82.9	79.9	80.0	81.9	85.4	92.4
79°	93.9	92.5	90.1	86.8	82.5	77.9	74.7	74.7	76.8	80.3	87.8
79.5°	89.7	88.2	85.7	82.1	77.7	72.9	69.5	69.5	71.4	75.3	82.4
80°	85.8	84.1	81.3	77.5	72.9	68.0	64.5	64.2	66.5	70.3	76.9
80.5°	81.9	80.0	77.3	73.1	68.4	63.4	59.4	59.4	61.7	65.7	73.2
81°	78.0	76.0	73.0	68.9	63.9	59.6	55.1	54.7	57.0	61.1	68.2
81.5°	74.3	72.2	68.9	64.6	59.2	55.3	50.8	49.9	52.1	56.7	64.2
82°	70.7	68.5	65.3	60.4	55.4	50.9	46.5	45.2	47.7	52.1	59.2
82.5°	67.1	64.8	61.4	56.9	51.6	46.6	42.2	40.9	43.3	47.9	55.0
83°	63.7	61.3	58.1	53.3	47.8	42.2	38.0	36.7	39.0	43.5	50.8
83.5°	60.2	58.2	54.8	49.8	44.0	38.4	34.1	32.7	35.0	39.7	46.9
84°	57.3	55.1	51.5	46.2	40.3	34.6	30.2	28.9	31.2	35.9	43.2
84.5°	54.5	52.1	48.2	42.7	36.8	30.9	26.6	25.1	27.5	32.4	39.5
85°	51.6	49.0	44.9	39.4	33.5	27.4	23.0	21.7	23.9	28.8	35.9
85.5°	48.8	45.9	41.9	36.3	30.2	24.1	19.7	18.7	20.6	25.7	32.5
86°	46.0	43.0	39.0	33.3	27.2	21.0	16.5	15.7	17.9	22.3	29.4
86.5°	43.3	40.3	36.1	30.6	24.4	18.2	13.6	12.8	15.2	19.5	26.3
87°	40.6	37.7	33.3	27.9	21.8	15.7	11.0	9.8	12.5	17.1	23.5
87.5°	38.2	35.2	30.9	25.4	19.3	13.3	8.6	6.9	9.8	14.8	20.7
88°	35.7	32.7	28.4	23.1	17.1	11.1	6.4	4.7	7.1	12.5	18.5
88.5°	33.4	30.4	26.1	20.9	15.0	9.2	5.1	3.0	5.1	10.1	16.2



TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
90°	27.0	24.1	20.1	15.1	9.9	5.3	1.5	0.2	1.6	4.8	9.6
90.5°	25.2	22.3	18.3	13.5	8.5	4.4	1.1	0.2	1.1	3.7	8.1
91°	23.3	20.5	16.6	12.0	7.3	3.4	0.7	0.2	0.7	2.9	6.7
91.5°	21.6	18.8	15.1	10.7	6.2	2.5	0.5	0.2	0.6	2.2	5.5
92°	19.9	17.3	13.6	9.4	5.4	2.0	0.4	0.2	0.5	1.8	4.6
92.5°	18.4	15.7	12.3	8.3	4.7	1.6	0.3	0.2	0.5	1.6	3.8
93°	16.9	14.4	11.0	7.3	3.9	1.3	0.3	0.1	0.4	1.4	3.3
93.5°	15.5	13.1	9.9	6.4	3.2	1.1	0.2	0.1	0.4	1.3	2.9
94°	14.3	11.9	8.9	5.7	2.7	1.0	0.2	0.1	0.4	1.2	2.6
94.5°	13.1	10.9	7.9	5.1	2.4	0.9	0.2	0.2	0.4	1.2	2.4
95°	12.0	9.8	7.1	4.5	2.1	0.8	0.2	0.2	0.4	1.2	2.3
95.5°	10.9	8.9	6.4	3.8	1.9	0.7	0.3	0.2	0.4	1.1	2.2
96°	10.0	8.1	5.8	3.4	1.7	0.6	0.3	0.2	0.4	1.1	2.1
96.5°	9.2	7.3	5.3	3.1	1.6	0.5	0.3	0.3	0.4	1.1	2.1
97°	8.3	6.6	4.7	2.8	1.4	0.5	0.3	0.3	0.3	1.1	2.0
97.5°	7.6	6.1	4.2	2.6	1.3	0.5	0.3	0.3	0.3	1.1	2.0
98°	7.0	5.6	3.8	2.4	1.2	0.5	0.3	0.4	0.3	1.1	2.0
98.5°	6.4	5.1	3.5	2.2	1.1	0.5	0.3	0.4	0.3	1.0	1.9
99°	5.9	4.6	3.3	2.1	1.0	0.5	0.4	0.4	0.3	1.0	1.9
99.5°	5.5	4.3	3.1	1.9	0.9	0.5	0.4	0.5	0.4	1.0	1.9
100°	5.1	3.9	2.9	1.8	0.9	0.5	0.4	0.5	0.4	1.0	1.8
100.5°	4.6	3.8	2.8	1.7	0.8	0.5	0.5	0.5	0.4	1.0	1.8
101°	4.3	3.6	2.6	1.6	0.8	0.6	0.5	0.5	0.4	1.0	1.8
101.5°	4.1	3.4	2.5	1.5	0.8	0.6	0.6	0.6	0.5	1.0	1.8
102°	3.9	3.2	2.3	1.4	0.8	0.6	0.6	0.6	0.5	1.0	1.8
102.5°	3.8	3.1	2.2	1.3	0.8	0.7	0.7	0.7	0.6	1.0	1.8
103°	3.6	2.9	2.1	1.3	0.8	0.7	0.7	0.7	0.7	1.0	1.8
103.5°	3.4	2.8	2.0	1.2	0.8	0.7	0.8	0.8	0.7	1.0	1.8
104°	3.3	2.6	1.9	1.2	0.9	0.8	0.8	0.9	0.8	1.0	1.8
104.5°	3.1	2.5	1.8	1.1	0.9	0.8	0.8	1.0	0.8	1.0	1.8
105°	2.9	2.4	1.7	1.1	0.9	0.8	0.9	1.0	0.9	1.0	1.8
105.5°	2.8	2.2	1.6	1.1	1.0	0.9	1.0	1.1	0.9	1.0	1.8
106°	2.7	2.1	1.6	1.1	1.0	0.9	1.1	1.1	1.0	1.0	1.8
106.5°	2.5	2.0	1.5	1.1	1.0	0.9	1.2	1.2	1.2	1.0	1.8
107°	2.4	2.0	1.4	1.1	1.1	1.0	1.4	1.2	1.4	1.0	1.8
107.5°	2.3	1.9	1.4	1.1	1.1	1.0	1.4	1.3	1.4	1.0	1.8
108°	2.2	1.8	1.3	1.1	1.1	1.0	1.5	1.3	1.3	1.0	1.8
108.5°	2.1	1.7	1.3	1.1	1.1	1.0	1.4	1.4	1.3	1.0	1.7
109°	2.0	1.6	1.3	1.2	1.1	1.1	1.4	1.4	1.3	1.1	1.6
109.5°	1.9	1.6	1.3	1.2	1.1	1.1	1.4	1.4	1.3	1.1	1.6
110°	1.8	1.5	1.3	1.2	1.1	1.1	1.4	1.4	1.3	1.1	1.6
110.5°	1.7	1.5	1.3	1.2	1.1	1.1	1.5	1.4	1.4	1.2	1.6
111°	1.7	1.5	1.4	1.2	1.2	1.2	1.5	1.5	1.4	1.2	1.5



TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
112.5°	1.5	1.4	1.4	1.3	1.3	1.3	1.6	1.5	1.4	1.3	1.4
113°	1.5	1.5	1.5	1.2	1.3	1.4	1.6	1.6	1.4	1.3	1.4
113.5°	1.5	1.5	1.5	1.1	1.3	1.4	1.6	1.6	1.4	1.4	1.4
114°	1.5	1.5	1.5	1.1	1.3	1.4	1.6	1.6	1.4	1.4	1.4
114.5°	1.5	1.5	1.5	1.1	1.3	1.5	1.6	1.6	1.4	1.4	1.3
115°	1.5	1.6	1.5	1.1	1.3	1.5	1.6	1.7	1.4	1.5	1.2
115.5°	1.5	1.6	1.6	1.2	1.3	1.5	1.6	1.7	1.4	1.5	1.2
116°	1.6	1.6	1.6	1.2	1.4	1.5	1.6	1.6	1.4	1.5	1.2
116.5°	1.6	1.6	1.5	1.2	1.4	1.6	1.6	1.6	1.4	1.5	1.2
117°	1.6	1.6	1.3	1.3	1.4	1.7	1.6	1.6	1.4	1.5	1.3
117.5°	1.7	1.6	1.3	1.3	1.4	1.8	1.6	1.5	1.4	1.6	1.3
118°	1.7	1.7	1.3	1.4	1.5	1.9	1.6	1.5	1.4	1.7	1.3
118.5°	1.7	1.7	1.3	1.4	1.5	2.0	1.6	1.5	1.4	1.9	1.3
119°	1.7	1.7	1.3	1.4	1.5	2.0	1.6	1.5	1.4	2.0	1.4
119.5°	1.7	1.5	1.3	1.4	1.6	1.9	1.6	1.5	1.4	2.0	1.4
120°	1.8	1.4	1.4	1.5	1.6	1.9	1.7	1.5	1.4	1.9	1.4
120.5°	1.8	1.4	1.4	1.5	1.6	1.8	1.7	1.5	1.5	1.8	1.4
121°	1.7	1.3	1.4	1.5	1.6	1.8	1.7	1.6	1.5	1.8	1.5
121.5°	1.6	1.4	1.4	1.5	1.7	1.8	1.7	1.6	1.5	1.8	1.5
122°	1.4	1.4	1.5	1.6	1.7	1.8	1.8	1.6	1.5	1.8	1.5
122.5°	1.4	1.4	1.5	1.6	1.7	1.8	1.8	1.6	1.5	1.8	1.6
123°	1.4	1.4	1.5	1.6	1.8	1.8	1.8	1.6	1.6	1.8	1.6
123.5°	1.4	1.4	1.6	1.6	1.8	1.8	1.8	1.6	1.6	1.8	1.6
124°	1.4	1.5	1.6	1.7	1.8	1.8	1.8	1.6	1.6	1.9	1.6
124.5°	1.4	1.5	1.6	1.7	1.9	1.9	1.8	1.6	1.6	1.9	1.7
125°	1.4	1.5	1.6	1.7	1.9	1.9	1.9	1.6	1.6	1.9	1.7
125.5°	1.4	1.6	1.7	1.8	2.0	1.9	1.9	1.6	1.6	1.9	1.7
126°	1.5	1.6	1.7	1.8	2.1	1.9	1.9	1.7	1.6	1.9	1.8
126.5°	1.5	1.6	1.7	1.8	2.2	1.9	1.9	1.7	1.6	1.9	1.8
127°	1.5	1.6	1.8	1.8	2.3	1.9	1.9	1.7	1.6	1.9	1.9
127.5°	1.6	1.7	1.8	1.9	2.4	1.9	1.9	1.7	1.7	1.9	2.0
128°	1.6	1.7	1.8	1.9	2.4	1.9	1.9	1.7	1.7	1.9	2.2
128.5°	1.6	1.7	1.8	1.9	2.4	1.9	2.0	1.7	1.7	1.9	2.3
129°	1.7	1.7	1.8	2.0	2.3	1.8	2.0	1.7	1.7	1.8	2.4
129.5°	1.7	1.8	1.9	2.0	2.3	1.8	2.0	1.7	1.7	1.8	2.3
130°	1.7	1.8	1.9	2.0	2.3	1.8	2.0	1.7	1.7	1.8	2.2
130.5°	1.7	1.8	1.9	2.1	2.2	1.8	2.0	1.7	1.7	1.8	2.1
131°	1.8	1.8	1.9	2.1	2.2	1.8	2.0	1.7	1.7	1.8	2.1
131.5°	1.8	1.8	2.0	2.2	2.2	1.8	2.0	1.7	1.7	1.8	2.2
132°	1.8	1.9	2.0	2.3	2.2	1.8	2.0	1.8	1.7	1.8	2.2
132.5°	1.8	1.9	2.0	2.4	2.2	1.8	2.0	1.8	1.7	1.8	2.1
133°	1.8	1.9	2.0	2.5	2.2	1.8	2.0	1.8	1.7	1.8	2.1
133.5°	1.9	2.0	2.1	2.7	2.2	1.8	2.0	1.8	1.8	1.8	2.1



TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

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



TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
157.5°	1.9	1.9	2.0	2.2	2.3	2.2	2.1	1.9	1.8	2.1	2.3
158°	1.8	1.9	2.0	2.2	2.3	2.2	2.1	1.9	1.7	2.0	2.3
158.5°	1.9	1.9	2.1	2.2	2.2	2.2	2.0	1.8	1.6	1.9	2.3
159°	1.9	2.0	2.1	2.2	2.2	2.2	2.0	1.9	1.6	1.9	2.3
159.5°	1.9	2.0	2.1	2.2	2.3	2.2	2.0	1.9	1.6	2.0	2.2
160°	1.9	2.0	2.1	2.3	2.3	2.1	2.0	1.9	1.7	2.1	2.0
160.5°	2.0	2.0	2.2	2.3	2.3	2.1	1.9	1.8	1.8	2.1	1.9
161°	2.0	2.1	2.2	2.3	2.2	2.0	1.8	1.7	1.8	2.1	2.1
161.5°	2.0	2.1	2.2	2.3	2.1	2.0	1.6	1.7	1.8	2.1	2.3
162°	2.0	2.1	2.2	2.2	2.1	2.0	1.6	1.8	1.7	2.1	2.3
162.5°	2.1	2.2	2.2	2.2	2.1	1.8	1.8	1.8	1.7	2.0	2.3
163°	2.1	2.2	2.2	2.1	2.2	1.8	1.9	1.7	1.7	1.9	2.3
163.5°	2.1	2.2	2.3	2.1	2.1	1.8	1.9	1.7	1.7	1.9	2.2
164°	2.1	2.2	2.3	2.2	2.0	2.0	1.9	1.7	1.7	2.0	2.2
164.5°	2.2	2.2	2.3	2.3	1.8	2.0	1.9	1.7	1.7	2.0	2.2
165°	2.2	2.3	2.2	2.3	1.9	2.0	1.9	1.7	1.7	2.0	2.2
165.5°	2.2	2.3	2.2	2.2	2.0	2.0	1.8	1.8	1.7	1.9	2.2
166°	2.2	2.3	2.2	2.1	2.1	2.0	1.7	1.7	1.5	1.8	2.2
166.5°	2.2	2.3	2.2	1.8	2.1	2.0	1.7	1.5	1.4	1.8	2.1
167°	2.3	2.3	2.3	1.8	2.1	1.9	1.6	1.4	1.4	1.7	2.0
167.5°	2.3	2.3	2.3	2.0	2.0	1.7	1.4	1.4	1.4	1.5	1.9
168°	2.3	2.2	2.2	2.1	1.9	1.5	1.4	1.4	1.4	1.4	1.6
168.5°	2.3	2.1	2.2	2.1	1.9	1.4	1.4	1.4	1.4	1.4	1.5
169°	2.3	2.1	2.1	2.0	1.6	1.4	1.4	1.4	1.4	1.4	1.5
169.5°	2.2	2.2	1.8	1.9	1.4	1.4	1.4	1.4	1.4	1.4	1.5
170°	2.2	2.2	1.6	1.7	1.4	1.4	1.4	1.4	1.4	1.4	1.5
170.5°	2.2	2.1	1.8	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.5
171°	2.1	2.0	1.9	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5
171.5°	2.0	2.0	1.6	1.4	1.4	1.3	1.4	1.4	1.5	1.4	1.5
172°	2.0	1.9	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.4	1.5
172.5°	2.0	1.7	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.4	1.5
173°	1.9	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5
173.5°	1.9	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5
174°	1.9	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5
174.5°	1.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5
175°	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5
175.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5
176°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5
176.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5
177°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5
177.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5
178°	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.8	1.7	1.6	1.5
178.5°	1.4	1.4	1.6	1.5	1.7	1.8	2.0	2.0	2.0	1.9	1.8



TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
180°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9



TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
0°	902.4	902.4	902.4	902.4	902.4	902.4	902.4	902.4	902.4	902.4	902.4
0.5°	903.6	902.0	902.2	906.8	903.7	902.7	901.5	902.1	903.8	903.4	902.1
1°	906.0	901.4	902.3	903.5	904.1	903.9	901.0	901.3	902.8	901.4	902.0
1.5°	901.9	902.0	901.4	903.0	903.4	901.6	901.6	902.7	902.8	903.6	901.8
2°	900.7	901.1	901.4	903.1	903.4	905.9	901.0	900.2	903.4	903.4	903.8
2.5°	900.7	900.6	900.6	905.3	902.6	902.5	901.3	901.3	903.0	905.1	902.0
3°	899.8	900.2	900.2	901.7	901.7	902.0	899.4	900.9	902.9	903.7	901.3
3.5°	898.8	899.6	899.5	900.0	901.0	900.4	900.7	900.0	901.6	902.3	900.0
4°	898.2	898.0	899.1	901.5	900.0	900.2	899.6	899.5	901.1	900.5	900.7
4.5°	896.7	897.1	897.8	901.9	900.9	900.6	899.4	898.9	900.4	900.7	899.6
5°	895.2	896.7	897.0	898.5	899.5	897.0	898.0	897.9	900.0	900.1	898.5
5.5°	894.4	895.0	895.3	902.2	897.6	899.6	895.9	897.2	898.6	899.8	898.2
6°	893.1	893.6	894.1	896.8	896.3	895.3	896.8	896.4	898.0	898.5	898.2
6.5°	892.1	892.2	893.0	894.1	895.1	893.8	895.1	895.2	896.3	897.6	896.4
7°	890.3	890.7	892.0	893.6	893.4	894.1	893.1	893.1	896.0	896.8	895.3
7.5°	888.5	889.6	890.0	891.3	892.4	894.8	892.7	892.4	894.0	894.6	893.6
8°	887.2	887.9	888.4	891.0	890.6	890.7	888.8	890.7	893.1	893.7	892.6
8.5°	885.8	885.5	886.8	888.4	889.4	885.9	888.1	888.9	891.4	891.9	890.7
9°	883.1	883.7	884.6	886.0	885.6	888.0	885.2	887.7	890.0	890.3	889.3
9.5°	881.0	881.9	882.4	885.3	884.6	887.0	884.3	885.7	888.2	889.9	888.0
10°	879.5	880.1	880.0	883.4	883.1	883.0	883.2	884.3	885.9	891.0	886.5
10.5°	877.0	877.0	878.7	881.0	880.9	880.7	881.2	881.6	884.3	887.0	884.2
11°	874.5	875.1	876.4	880.1	881.1	878.5	880.4	879.6	882.0	900.7	881.9
11.5°	871.8	872.7	873.6	878.8	876.6	875.9	878.1	877.4	880.1	880.1	878.6
12°	869.0	870.3	871.1	873.2	874.4	873.6	875.0	875.5	877.9	878.1	877.5
12.5°	867.1	867.9	869.3	869.6	871.3	870.2	872.2	873.6	874.9	876.0	875.1
13°	864.1	865.3	866.5	868.6	868.1	872.5	870.9	870.5	872.7	873.6	874.7
13.5°	861.6	862.0	863.0	873.6	868.0	863.3	865.6	869.1	870.0	871.3	870.4
14°	857.8	859.3	860.1	862.6	863.7	861.2	864.4	865.2	867.1	868.4	868.0
14.5°	855.2	856.4	856.8	859.8	861.2	863.0	860.4	861.6	864.8	865.2	865.2
15°	852.6	853.7	854.2	856.7	862.1	862.9	858.0	859.7	862.0	863.2	862.3
15.5°	849.6	849.7	850.9	851.6	853.0	855.0	854.6	856.7	859.0	859.7	859.9
16°	845.4	846.4	847.8	853.3	849.8	853.7	851.8	853.1	855.5	857.2	855.9
16.5°	842.7	843.2	844.0	846.6	846.7	850.9	848.4	850.6	852.1	853.6	852.4
17°	839.4	840.1	840.9	844.2	844.1	845.5	845.4	846.6	848.5	850.6	849.6
17.5°	835.4	836.2	837.0	841.7	840.2	839.8	841.6	842.2	845.7	846.5	847.3
18°	831.5	832.4	833.9	834.4	836.3	838.4	838.6	839.2	841.8	843.5	844.2
18.5°	827.8	829.1	829.9	832.8	834.3	834.0	834.2	835.6	838.2	840.4	839.9
19°	823.7	825.0	826.1	831.0	829.4	827.7	829.8	833.3	834.2	836.0	836.2
19.5°	820.8	820.6	822.1	823.2	824.6	826.0	827.1	823.5	830.7	832.2	833.2
20°	815.8	816.7	818.0	820.7	820.0	822.0	822.2	822.4	826.8	828.8	829.0
20.5°	811.6	812.9	813.5	816.3	817.3	817.1	818.1	820.4	822.6	825.0	824.8
21°	806.8	808.1	809.4	812.2	809.9	811.3	813.3	817.5	817.2	820.4	820.7





TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
22.5°	794.1	794.8	796.0	795.8	798.6	799.5	800.4	801.4	806.6	807.3	808.5
23°	789.7	790.4	791.5	790.6	793.1	795.1	795.9	796.8	801.1	803.2	803.1
23.5°	784.8	785.7	786.3	789.2	788.2	790.7	791.0	793.1	796.6	799.0	799.5
24°	779.9	781.0	781.8	784.8	785.6	785.6	786.9	788.8	791.9	794.3	794.8
24.5°	774.8	775.9	776.5	782.6	778.9	776.3	781.6	784.3	787.3	789.1	790.5
25°	769.8	770.6	771.5	773.5	772.7	777.0	776.6	779.2	781.9	784.7	785.2
25.5°	764.7	766.0	766.4	767.6	770.0	770.6	771.0	773.5	777.3	780.0	781.3
26°	760.1	760.8	761.6	762.4	764.3	764.3	766.6	768.7	771.0	774.9	775.0
26.5°	755.0	755.6	755.7	757.6	758.3	759.4	762.3	762.2	767.1	769.5	771.1
27°	749.4	750.0	751.0	753.2	752.8	753.2	755.2	757.9	755.5	764.6	765.1
27.5°	744.4	744.2	744.9	747.6	747.6	748.0	751.6	752.5	756.7	759.0	761.1
28°	738.2	738.7	739.6	740.2	740.3	742.3	743.4	748.2	750.7	753.7	755.4
28.5°	733.2	733.4	734.4	734.0	735.8	739.8	737.0	740.4	745.1	749.3	749.4
29°	727.2	728.1	728.8	733.4	729.6	731.3	730.7	738.2	740.7	743.8	744.5
29.5°	721.6	722.0	722.8	723.5	725.2	725.0	727.8	730.3	734.2	737.8	738.2
30°	716.1	716.2	716.6	719.1	718.1	719.0	721.1	720.0	728.3	732.2	733.3
30.5°	710.0	710.4	710.7	712.4	712.1	711.7	715.1	718.4	722.8	726.0	727.6
31°	704.0	704.6	705.0	705.4	706.1	706.7	707.1	713.9	716.7	720.6	725.0
31.5°	698.6	698.8	698.6	699.8	698.7	702.4	701.9	703.9	710.3	714.1	716.2
32°	692.4	692.8	692.8	694.8	694.3	693.7	695.8	701.6	704.9	708.8	710.4
32.5°	686.7	686.4	686.4	687.3	686.9	688.2	690.1	693.2	698.5	703.0	705.0
33°	680.2	680.5	680.3	679.8	680.4	678.7	683.2	688.3	692.3	696.6	698.5
33.5°	674.2	673.9	673.3	673.9	674.8	670.5	676.6	679.8	686.0	690.5	692.4
34°	667.8	667.3	667.0	668.0	667.7	674.6	669.4	674.9	679.9	683.7	685.8
34.5°	662.0	661.7	661.0	661.7	660.2	660.1	663.8	668.4	673.3	677.6	679.6
35°	655.3	654.8	654.3	655.3	654.0	650.1	657.8	659.6	666.6	671.3	674.3
35.5°	648.9	648.4	647.5	648.5	647.4	649.7	651.0	654.6	660.5	664.9	667.5
36°	642.3	641.8	641.1	643.0	641.0	643.1	643.2	646.4	653.7	658.7	661.8
36.5°	636.8	635.8	634.7	634.8	633.3	632.6	638.3	640.9	647.1	652.6	654.9
37°	629.4	629.2	627.6	626.4	625.6	627.1	628.8	634.6	640.1	645.7	648.5
37.5°	622.6	622.0	620.5	620.7	620.7	620.2	623.1	627.4	633.1	638.9	642.9
38°	616.0	615.3	614.2	614.3	612.2	611.8	615.5	621.0	626.7	632.0	634.3
38.5°	609.5	608.6	607.3	607.2	605.7	605.8	608.7	613.8	619.9	625.3	628.3
39°	602.9	601.6	600.4	602.0	598.0	597.6	601.0	606.8	613.0	618.7	622.1
39.5°	596.3	595.2	593.2	592.1	591.5	594.7	593.6	600.0	606.0	611.6	615.2
40°	589.2	587.8	586.1	585.1	584.5	584.9	586.3	592.6	598.9	605.2	607.7
40.5°	582.5	581.4	579.3	578.6	576.4	578.1	579.3	584.9	591.5	597.7	601.5
41°	575.7	574.2	571.9	570.8	574.2	570.7	572.7	577.4	584.8	591.3	595.2
41.5°	569.2	567.2	565.2	569.7	562.9	562.4	566.0	570.0	578.1	584.0	588.3
42°	562.0	560.7	558.3	556.6	554.2	555.9	558.2	563.0	571.0	576.9	580.8
42.5°	554.9	553.2	551.1	548.8	547.3	549.4	550.7	555.9	563.9	569.7	574.0
43°	547.9	546.3	543.9	541.2	541.2	540.4	543.8	548.8	556.2	562.9	567.9
43.5°	541.3	539.4	536.7	535.2	533.1	532.7	536.4	540.7	548.9	555.6	560.1



TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
45°	520.2	518.0	515.0	514.6	512.1	511.4	514.4	521.3	528.0	534.3	538.8
45.5°	513.1	510.8	508.2	506.2	503.8	504.2	506.5	511.4	520.5	527.5	532.6
46°	506.3	503.8	500.9	498.3	497.1	497.0	498.7	507.8	513.2	520.5	524.6
46.5°	499.0	496.4	493.9	492.8	489.9	489.6	492.4	499.2	505.9	513.2	517.6
47°	492.0	489.6	486.3	484.0	480.4	482.4	484.8	492.8	498.6	505.9	510.4
47.5°	485.2	482.5	479.4	475.9	475.4	475.1	477.6	484.7	491.5	498.6	503.6
48°	477.9	475.6	472.1	470.2	467.8	467.8	470.8	475.5	484.2	491.3	496.5
48.5°	470.9	468.3	465.1	462.0	459.8	460.4	463.4	467.8	476.9	484.4	490.9
49°	463.6	461.5	457.7	455.9	450.3	453.5	455.6	462.2	469.7	476.9	481.8
49.5°	456.8	454.2	450.7	448.2	446.2	446.0	448.3	452.8	462.6	470.1	475.9
50°	449.6	447.0	443.7	441.0	438.5	439.0	441.6	447.2	455.5	462.6	465.9
50.5°	442.6	440.0	436.7	433.9	430.9	431.7	434.1	441.0	448.1	455.3	460.1
51°	435.8	432.7	429.6	426.9	424.7	424.7	427.0	431.4	441.1	448.3	453.3
51.5°	429.2	425.8	422.4	419.5	417.2	417.4	420.3	425.8	433.7	440.9	446.6
52°	421.4	419.0	415.5	413.0	410.3	410.6	413.1	417.0	426.8	434.3	439.5
52.5°	414.6	411.8	408.2	405.6	403.1	403.5	406.1	410.5	419.3	426.8	432.1
53°	406.8	404.8	401.5	399.0	396.1	396.7	399.0	405.2	412.7	419.8	424.7
53.5°	387.7	397.7	394.6	390.8	388.8	389.5	392.0	397.2	405.0	412.6	417.9
54°	393.7	391.1	387.5	383.0	382.2	383.0	385.3	391.4	398.4	405.7	411.0
54.5°	386.3	384.0	380.6	379.3	375.9	376.0	378.6	385.0	391.4	398.5	403.5
55°	379.4	377.3	373.7	371.4	368.2	369.4	371.5	376.2	384.3	391.6	396.9
55.5°	373.5	370.5	367.1	364.4	361.1	362.4	364.8	370.8	377.5	384.7	390.1
56°	365.3	363.7	360.2	357.1	355.2	355.4	358.2	363.6	370.5	377.9	382.6
56.5°	359.4	356.8	353.6	350.6	349.0	349.0	351.5	356.9	363.9	370.8	375.8
57°	352.3	350.1	346.7	345.2	343.6	342.1	344.6	350.3	356.9	364.2	368.7
57.5°	347.0	343.1	340.0	337.5	335.8	335.8	338.5	343.6	350.2	357.1	361.9
58°	339.4	336.6	333.4	330.8	330.2	329.0	331.8	336.6	343.6	350.1	355.1
58.5°	332.6	330.1	327.0	324.5	324.6	322.8	325.2	330.0	336.7	343.5	348.2
59°	325.8	323.4	320.4	317.2	311.8	316.1	318.9	323.8	330.2	336.8	341.4
59.5°	319.1	316.7	314.1	311.6	309.1	309.9	312.9	317.2	323.7	329.9	334.6
60°	312.3	309.9	307.4	305.5	303.4	303.5	305.9	310.5	317.1	323.1	327.3
60.5°	307.7	303.8	301.3	298.7	296.9	297.3	300.0	304.6	310.7	316.5	320.9
61°	298.8	297.3	294.7	292.3	290.9	291.2	293.5	298.1	304.2	310.4	314.0
61.5°	294.7	291.0	288.5	286.7	284.5	285.1	287.1	292.0	297.6	303.4	307.6
62°	286.1	284.2	281.8	279.8	278.4	279.0	281.3	285.4	291.0	297.0	300.9
62.5°	279.5	277.9	275.7	274.2	273.4	272.7	275.0	279.2	284.8	290.3	293.8
63°	273.5	271.5	269.7	267.5	266.1	267.0	269.0	272.8	278.7	283.9	287.2
63.5°	266.7	265.4	263.6	261.3	260.6	260.7	263.0	266.7	272.3	277.7	281.1
64°	260.7	259.2	257.5	255.6	254.5	255.1	257.0	260.8	265.9	271.1	274.3
64.5°	253.9	252.9	251.4	249.5	249.1	249.1	251.3	254.8	259.8	264.8	267.9
65°	247.7	246.8	245.3	244.2	243.3	243.5	245.3	249.1	254.0	258.7	261.6
65.5°	241.8	240.6	239.3	238.5	237.2	237.4	239.2	243.1	247.9	252.1	255.0
66°	235.5	234.6	233.2	232.0	231.2	232.0	233.5	237.3	241.7	245.8	248.7



TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
67.5°	217.2	216.6	215.9	215.2	215.0	215.3	216.8	219.9	224.0	227.6	229.1
68°	211.5	210.8	210.2	210.2	209.2	209.6	211.2	214.2	218.2	221.7	223.6
68.5°	204.8	205.0	204.8	204.0	203.6	204.2	205.7	208.8	212.4	215.5	217.1
69°	199.0	199.1	198.7	198.4	198.1	198.8	200.3	203.2	206.7	209.6	210.6
69.5°	192.8	193.4	193.3	193.0	193.1	193.5	195.1	197.7	201.1	203.9	204.7
70°	187.9	187.8	187.9	187.6	187.4	188.1	189.6	192.3	195.3	197.9	198.9
70.5°	180.8	182.2	182.4	182.2	181.9	182.9	184.8	187.0	189.8	192.1	192.6
71°	175.0	176.5	177.0	177.2	177.4	178.0	179.4	181.4	184.2	186.4	187.2
71.5°	169.9	171.0	171.5	171.7	172.2	172.7	174.3	176.2	179.0	180.7	180.9
72°	164.2	165.3	166.1	166.5	166.9	167.7	169.0	171.0	173.3	175.0	175.5
72.5°	158.3	160.0	161.0	161.8	162.0	162.5	163.9	165.7	168.1	169.5	169.5
73°	152.7	154.6	155.8	156.6	156.6	157.7	159.1	160.6	162.6	163.9	164.0
73.5°	147.6	149.4	150.7	151.5	152.3	152.7	153.9	155.6	157.5	158.5	157.8
74°	142.5	144.5	145.9	146.5	147.8	148.0	148.9	150.6	152.3	153.1	152.5
74.5°	137.3	139.7	141.0	141.9	143.1	143.5	144.4	145.6	147.1	147.7	147.1
75°	132.1	134.8	136.2	137.3	138.4	138.9	139.8	141.1	142.3	142.7	141.8
75.5°	126.9	130.0	131.4	132.6	133.8	134.4	135.2	136.5	137.4	137.6	136.4
76°	116.7	125.1	126.6	128.0	129.1	129.8	130.6	132.0	132.6	132.5	131.1
76.5°	116.8	119.4	121.6	123.1	124.5	125.3	126.1	127.4	127.8	127.5	125.7
77°	110.7	114.7	117.0	119.0	119.8	120.9	121.7	122.4	123.0	122.6	120.4
77.5°	106.2	109.3	112.3	114.6	115.4	116.4	117.3	117.8	118.1	117.4	115.0
78°	101.4	104.1	107.6	109.9	111.1	112.0	112.7	113.0	113.3	112.2	109.8
78.5°	96.3	100.1	103.1	105.4	106.8	107.6	108.4	108.8	108.8	107.5	104.8
79°	91.3	96.4	98.6	100.9	102.3	103.5	104.1	104.4	103.9	102.7	99.7
79.5°	86.6	90.7	94.4	96.8	98.3	99.3	99.9	100.2	99.5	97.9	94.5
80°	81.9	86.8	90.0	92.6	94.9	95.2	95.8	95.8	95.2	93.4	90.0
80.5°	78.0	82.1	85.9	88.6	90.3	91.3	91.7	91.7	90.8	88.8	85.1
81°	73.0	77.6	81.8	84.8	86.4	87.4	87.8	87.6	86.6	84.2	80.7
81.5°	68.7	73.7	77.8	80.6	82.3	83.5	83.8	83.5	82.4	79.9	75.8
82°	64.7	70.8	73.9	76.9	78.9	79.7	80.2	79.6	78.3	75.7	71.4
82.5°	60.7	65.6	70.0	73.3	74.8	76.0	76.2	75.8	74.3	71.6	67.0
83°	56.6	61.9	66.2	69.5	71.2	72.3	72.6	72.0	70.5	67.4	62.8
83.5°	52.8	58.2	62.6	65.8	67.8	68.8	69.1	68.3	66.6	63.5	58.8
84°	49.6	54.5	59.0	62.3	64.6	65.4	65.7	64.9	63.0	59.7	54.9
84.5°	45.6	51.2	55.6	58.9	60.5	62.0	62.0	61.2	59.3	56.0	50.9
85°	42.1	47.6	52.2	55.5	57.5	58.6	58.7	57.8	55.8	52.3	47.2
85.5°	38.8	44.3	48.9	52.2	54.3	55.4	55.5	54.4	52.4	48.8	43.6
86°	35.4	41.2	45.7	49.2	51.2	52.3	52.3	51.2	49.0	45.3	40.2
86.5°	32.4	38.0	42.6	46.0	48.2	49.2	49.1	48.3	45.8	42.1	37.1
87°	29.5	35.1	39.7	43.2	45.2	46.3	46.2	45.1	42.7	38.9	33.8
87.5°	26.7	32.2	36.9	40.2	42.4	43.4	43.3	42.1	39.7	35.9	30.6
88°	24.0	29.5	34.1	37.5	39.6	40.6	40.5	39.2	36.8	32.9	27.7
88.5°	21.5	26.9	31.4	34.8	37.0	37.9	37.8	36.5	34.0	30.1	25.0



TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
90°	15.4	19.8	24.1	27.5	29.4	30.4	30.2	28.8	26.3	22.5	18.0
90.5°	13.5	17.9	22.0	25.1	27.2	28.1	27.9	26.6	24.0	20.2	16.1
91°	11.6	16.2	19.9	23.0	25.0	25.9	25.7	24.3	21.8	18.1	14.3
91.5°	9.7	14.6	18.0	21.0	23.0	23.8	23.6	22.2	19.7	16.5	12.4
92°	8.3	12.9	16.5	19.2	21.0	21.8	21.5	20.3	17.8	14.8	10.6
92.5°	7.2	11.3	14.9	17.4	19.1	20.0	19.7	18.4	16.3	13.2	8.7
93°	6.2	9.7	13.4	16.0	17.5	18.2	18.0	16.7	14.8	11.5	7.5
93.5°	5.4	8.5	11.8	14.6	16.1	16.6	16.4	15.4	13.3	9.9	6.6
94°	4.7	7.5	10.3	13.2	14.7	15.3	15.1	14.0	11.8	8.7	5.7
94.5°	4.2	6.6	9.2	11.8	13.4	14.0	13.8	12.7	10.3	7.7	5.0
95°	3.8	5.9	8.3	10.4	12.0	12.7	12.5	11.3	9.2	6.8	4.5
95.5°	3.5	5.3	7.4	9.4	10.6	11.5	11.3	10.0	8.2	6.1	4.0
96°	3.3	4.9	6.7	8.5	9.7	10.2	10.0	9.0	7.5	5.5	3.7
96.5°	3.2	4.5	6.2	7.8	8.9	9.3	9.1	8.2	6.8	5.1	3.5
97°	3.1	4.3	5.7	7.1	8.1	8.5	8.3	7.5	6.3	4.7	3.4
97.5°	3.0	4.2	5.4	6.6	7.5	7.8	7.7	6.9	5.8	4.5	3.3
98°	2.9	4.1	5.2	6.2	7.0	7.3	7.1	6.5	5.5	4.3	3.2
98.5°	2.9	3.9	5.0	5.9	6.6	6.8	6.7	6.1	5.2	4.2	3.1
99°	2.8	3.9	4.9	5.7	6.3	6.5	6.4	5.9	5.1	4.1	3.0
99.5°	2.8	3.8	4.7	5.5	6.1	6.2	6.1	5.7	5.0	4.0	3.0
100°	2.8	3.7	4.6	5.4	5.9	6.1	6.0	5.5	4.8	3.9	2.9
100.5°	2.7	3.6	4.5	5.3	5.8	5.9	5.8	5.4	4.7	3.8	2.9
101°	2.7	3.6	4.4	5.2	5.7	5.8	5.7	5.3	4.6	3.8	2.8
101.5°	2.7	3.5	4.4	5.1	5.5	5.7	5.6	5.2	4.5	3.7	2.8
102°	2.7	3.5	4.3	5.0	5.4	5.6	5.5	5.1	4.4	3.6	2.8
102.5°	2.6	3.4	4.2	4.9	5.3	5.5	5.4	5.0	4.4	3.6	2.7
103°	2.6	3.4	4.1	4.8	5.2	5.4	5.3	4.9	4.3	3.5	2.7
103.5°	2.6	3.4	4.1	4.7	5.1	5.3	5.2	4.8	4.2	3.5	2.6
104°	2.5	3.4	4.0	4.7	5.1	5.2	5.1	4.7	4.2	3.5	2.6
104.5°	2.5	3.3	4.0	4.6	5.0	5.1	5.0	4.7	4.1	3.4	2.6
105°	2.5	3.3	4.0	4.5	4.9	5.0	4.9	4.6	4.1	3.4	2.5
105.5°	2.5	3.2	3.9	4.5	4.8	4.9	4.9	4.5	4.0	3.3	2.5
106°	2.5	3.2	3.9	4.4	4.8	4.9	4.8	4.5	4.0	3.3	2.5
106.5°	2.5	3.2	3.8	4.4	4.7	4.8	4.7	4.4	4.0	3.2	2.5
107°	2.5	3.1	3.8	4.3	4.7	4.8	4.7	4.4	3.9	3.2	2.5
107.5°	2.5	3.1	3.7	4.3	4.6	4.7	4.6	4.4	3.8	3.2	2.5
108°	2.5	3.1	3.7	4.3	4.6	4.7	4.6	4.3	3.8	3.1	2.4
108.5°	2.4	3.1	3.6	4.2	4.5	4.6	4.6	4.2	3.7	3.1	2.4
109°	2.4	3.1	3.6	4.1	4.5	4.6	4.5	4.2	3.7	3.1	2.4
109.5°	2.4	3.0	3.6	4.1	4.4	4.5	4.4	4.1	3.6	3.1	2.3
110°	2.4	3.0	3.5	4.0	4.4	4.5	4.4	4.1	3.6	3.0	2.3
110.5°	2.4	3.0	3.5	4.0	4.3	4.4	4.3	4.0	3.6	3.0	2.3
111°	2.4	3.0	3.5	4.0	4.3	4.3	4.3	4.0	3.6	3.0	2.2



TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

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



TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

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



TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
157.5°	2.3	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.1	2.3	2.3
158°	2.2	2.2	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.3	2.3
158.5°	2.1	2.2	2.1	2.1	2.1	2.1	2.2	2.1	2.2	2.3	2.4
159°	2.1	2.3	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.3	2.4
159.5°	2.3	2.3	2.2	2.1	2.1	2.1	2.1	2.1	2.2	2.3	2.4
160°	2.4	2.3	2.2	2.1	2.1	2.1	2.1	2.1	2.2	2.4	2.4
160.5°	2.4	2.1	2.2	2.1	2.1	2.1	2.1	2.2	2.3	2.4	2.4
161°	2.4	2.1	2.2	2.2	2.1	2.1	2.1	2.2	2.3	2.4	2.4
161.5°	2.4	2.2	2.2	2.2	2.2	2.1	2.2	2.2	2.3	2.4	2.4
162°	2.2	2.3	2.3	2.2	2.2	2.2	2.2	2.3	2.3	2.4	2.4
162.5°	2.0	2.4	2.3	2.3	2.2	2.2	2.2	2.3	2.4	2.5	2.4
163°	1.9	2.4	2.3	2.3	2.3	2.2	2.3	2.3	2.4	2.5	2.4
163.5°	2.1	2.4	2.1	2.3	2.3	2.3	2.3	2.3	2.4	2.5	2.4
164°	2.3	2.4	2.1	2.4	2.3	2.3	2.3	2.4	2.4	2.5	2.4
164.5°	2.3	2.4	2.3	2.4	2.3	2.3	2.4	2.4	2.4	2.5	2.4
165°	2.3	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.4
165.5°	2.3	1.8	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.4
166°	2.3	1.9	2.4	2.3	2.4	2.4	2.4	2.4	2.5	2.5	2.4
166.5°	2.3	2.2	2.4	2.1	2.4	2.4	2.4	2.4	2.5	2.5	2.4
167°	2.2	2.3	2.4	2.2	2.4	2.4	2.4	2.4	2.5	2.5	2.3
167.5°	2.1	2.3	2.4	2.3	2.4	2.4	2.4	2.4	2.5	2.5	2.3
168°	2.0	2.3	2.1	2.4	2.4	2.4	2.4	2.4	2.5	2.4	2.3
168.5°	2.0	2.1	1.8	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3
169°	1.7	2.1	1.8	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3
169.5°	1.5	2.0	2.0	2.4	2.2	2.4	2.4	2.4	2.4	2.4	2.2
170°	1.5	1.7	2.1	2.3	2.2	2.4	2.4	2.4	2.4	2.4	2.1
170.5°	1.5	1.6	2.1	2.2	2.2	2.4	2.4	2.4	2.4	2.3	2.1
171°	1.5	1.6	1.9	2.1	2.3	2.4	2.4	2.4	2.4	2.3	2.0
171.5°	1.5	1.6	1.6	1.7	2.3	2.3	2.4	2.4	2.3	2.3	2.0
172°	1.5	1.5	1.6	1.6	2.1	2.3	2.3	2.3	2.3	2.3	2.0
172.5°	1.5	1.5	1.6	1.6	2.1	2.3	2.3	2.3	2.3	2.2	2.0
173°	1.5	1.5	1.5	1.6	2.1	2.1	2.3	2.3	2.2	2.1	1.9
173.5°	1.4	1.5	1.5	1.6	2.0	2.1	2.2	2.2	2.2	2.0	1.9
174°	1.4	1.5	1.5	1.5	1.8	2.0	2.2	2.2	2.2	1.9	1.8
174.5°	1.4	1.5	1.5	1.5	1.5	1.9	2.1	2.2	2.1	1.9	1.6
175°	1.4	1.5	1.5	1.5	1.5	1.9	2.0	2.1	2.0	1.9	1.4
175.5°	1.4	1.4	1.5	1.5	1.4	1.8	1.9	2.1	1.9	1.8	1.4
176°	1.5	1.5	1.4	1.4	1.4	1.5	1.8	2.0	1.8	1.5	1.4
176.5°	1.5	1.5	1.4	1.4	1.4	1.4	1.8	1.7	1.7	1.4	1.4
177°	1.5	1.4	1.4	1.4	1.4	1.4	1.7	1.6	1.6	1.4	1.4
177.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.5	1.5	1.4	1.4
178°	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.4	1.4
178.5°	1.6	1.5	1.5	1.4	1.4	1.3	1.1	1.3	1.2	1.4	1.4



TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
180°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9





TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

	330°	340°	350°	360°
0°	902.4	902.4	902.4	902.4
0.5°	903.0	901.4	898.6	902.4
1°	902.4	901.8	904.4	903.1
1.5°	903.0	901.3	902.2	901.9
2°	902.4	901.3	901.9	902.2
2.5°	902.7	900.6	902.9	901.6
3°	901.8	900.7	901.3	902.6
3.5°	902.1	900.1	901.4	901.9
4°	901.0	899.2	902.5	901.2
4.5°	900.1	900.0	899.5	899.6
5°	900.2	898.6	900.2	899.6
5.5°	899.2	897.8	897.8	898.5
6°	898.9	898.2	899.4	897.6
6.5°	896.8	895.3	897.0	895.5
7°	895.4	894.6	896.1	895.7
7.5°	893.9	894.2	895.4	893.9
8°	892.7	891.2	892.9	892.3
8.5°	891.6	890.5	891.2	890.8
9°	890.3	888.9	889.5	889.9
9.5°	888.1	888.2	889.4	886.8
10°	886.5	885.5	888.9	887.5
10.5°	884.9	883.5	878.4	884.7
11°	882.5	882.1	882.1	882.0
11.5°	880.8	878.7	884.0	881.3
12°	878.5	877.1	884.2	877.7
12.5°	875.9	875.3	872.3	875.1
13°	874.3	873.0	873.3	872.2
13.5°	871.2	870.8	873.6	871.2
14°	868.8	866.9	868.5	866.9
14.5°	866.1	865.1	868.3	864.0
15°	862.7	862.7	865.8	865.2
15.5°	860.3	858.7	856.3	858.7
16°	857.6	855.7	855.3	856.9
16.5°	854.9	852.9	858.5	851.4
17°	851.1	848.6	850.0	851.3
17.5°	847.2	846.3	849.7	847.0
18°	844.6	843.7	845.9	844.1
18.5°	841.4	838.7	840.5	840.3
19°	837.2	837.1	837.2	836.3
19.5°	833.5	831.7	833.5	832.4
20°	830.0	827.8	830.8	829.5
20.5°	826.6	825.1	825.5	825.0
21°	822.2	822.0	823.3	821.4



TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

	330°	340°	350°	360°
22.5°	809.8	808.1	814.1	809.1
23°	805.4	804.5	805.6	805.1
23.5°	801.1	800.9	804.0	803.7
24°	795.7	794.5	795.5	796.9
24.5°	791.5	790.8	791.7	802.3
25°	786.6	785.1	786.4	787.9
25.5°	782.0	781.3	782.6	781.1
26°	777.1	774.7	777.9	775.8
26.5°	773.0	772.7	772.3	771.8
27°	767.7	767.0	768.3	765.7
27.5°	762.5	761.1	762.9	760.5
28°	757.3	756.4	757.3	758.1
28.5°	751.6	750.9	752.5	757.4
29°	746.6	745.2	747.3	741.9
29.5°	740.9	741.0	741.7	741.4
30°	735.2	734.4	735.7	733.8
30.5°	729.8	729.7	730.1	729.5
31°	724.3	724.2	724.9	721.8
31.5°	718.4	717.0	719.2	718.2
32°	712.6	713.0	713.3	709.3
32.5°	706.7	707.4	707.8	707.8
33°	701.1	698.9	701.5	699.6
33.5°	695.2	695.3	695.9	692.8
34°	688.6	689.6	689.8	686.3
34.5°	682.5	682.9	683.7	683.6
35°	676.4	676.7	677.4	676.3
35.5°	670.5	670.4	670.5	669.4
36°	663.9	664.2	667.4	663.9
36.5°	657.6	657.0	657.5	657.2
37°	651.0	651.1	652.4	651.2
37.5°	644.4	644.2	645.0	642.7
38°	638.0	638.0	639.5	634.0
38.5°	631.9	632.0	630.8	628.2
39°	625.0	625.9	626.0	621.8
39.5°	618.4	618.0	618.6	619.1
40°	611.2	611.7	613.7	613.7
40.5°	604.8	605.5	606.8	605.5
41°	597.8	598.8	599.3	597.2
41.5°	591.3	592.3	593.2	596.3
42°	584.9	585.3	586.8	584.3
42.5°	577.8	577.4	577.6	576.8
43°	570.6	571.2	572.8	570.4
43.5°	563.8	564.3	565.2	563.4



TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

	330°	340°	350°	360°
45°	542.6	542.7	544.1	542.9
45.5°	536.0	535.9	537.0	536.2
46°	528.6	529.1	530.8	526.0
46.5°	521.5	522.2	523.0	522.0
47°	514.6	514.3	516.6	515.3
47.5°	507.4	508.2	509.0	506.9
48°	500.4	501.6	502.2	498.1
48.5°	493.2	494.9	494.5	492.2
49°	486.1	487.1	487.6	488.4
49.5°	479.1	480.0	481.0	478.0
50°	471.6	472.8	473.0	472.7
50.5°	464.9	466.3	465.8	466.6
51°	457.7	458.5	459.0	457.6
51.5°	450.9	452.1	452.0	450.3
52°	443.3	444.5	445.2	443.4
52.5°	436.2	437.6	437.6	436.5
53°	429.4	430.2	430.9	428.5
53.5°	422.3	423.5	423.7	421.8
54°	414.9	416.0	416.6	414.9
54.5°	408.0	409.1	409.2	407.3
55°	401.1	401.7	402.2	400.9
55.5°	394.3	394.9	395.6	393.6
56°	386.7	387.6	388.5	386.3
56.5°	379.9	380.5	381.2	379.2
57°	372.8	373.5	374.3	371.2
57.5°	365.7	366.8	366.2	364.8
58°	358.9	359.8	360.1	358.7
58.5°	351.9	352.9	352.8	350.8
59°	344.9	345.6	346.0	345.1
59.5°	337.9	338.6	338.8	336.7
60°	331.1	331.9	331.9	330.1
60.5°	324.3	324.9	325.0	322.8
61°	317.4	318.1	318.3	316.7
61.5°	310.9	310.9	311.7	309.8
62°	303.8	304.6	304.6	302.1
62.5°	296.9	297.5	297.2	295.5
63°	290.1	290.6	290.2	288.5
63.5°	283.5	283.7	283.8	281.7
64°	276.7	276.7	276.2	274.4
64.5°	270.2	270.3	269.9	267.8
65°	263.6	264.0	263.0	260.9
65.5°	257.0	256.8	256.0	254.1
66°	250.5	250.3	250.3	247.6



TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

	330°	340°	350°	360°
67.5°	231.0	230.3	229.5	227.0
68°	224.7	223.7	222.9	220.7
68.5°	218.2	217.5	216.2	213.3
69°	211.9	210.6	209.4	206.8
69.5°	205.5	204.3	202.9	200.4
70°	199.2	197.6	196.2	194.2
70.5°	193.0	191.5	189.7	187.1
71°	186.8	185.2	183.3	180.5
71.5°	180.8	179.1	177.0	174.1
72°	174.6	172.4	170.6	167.8
72.5°	168.5	166.5	164.0	161.7
73°	162.5	160.0	158.0	155.3
73.5°	156.7	154.1	151.8	148.9
74°	150.8	148.2	145.7	142.7
74.5°	145.3	142.4	139.6	136.4
75°	139.7	136.5	133.6	130.2
75.5°	134.1	130.7	127.5	124.0
76°	128.5	124.8	121.5	118.1
76.5°	122.9	119.0	115.6	111.8
77°	117.5	113.4	109.9	106.0
77.5°	111.8	107.7	104.2	100.8
78°	106.5	102.1	98.4	94.6
78.5°	101.2	96.7	92.9	88.6
79°	95.9	91.2	87.1	83.7
79.5°	90.7	85.7	81.5	78.0
80°	85.6	80.6	76.3	72.5
80.5°	80.7	75.4	70.9	67.2
81°	75.9	70.4	65.7	62.0
81.5°	71.1	65.5	60.8	57.4
82°	66.4	60.6	55.7	52.8
82.5°	61.8	56.0	51.2	48.2
83°	57.3	51.5	46.5	43.5
83.5°	53.1	47.0	42.0	38.9
84°	49.2	42.9	37.8	34.7
84.5°	45.1	38.8	33.6	30.5
85°	41.4	34.8	29.7	26.7
85.5°	37.7	31.2	26.0	22.9
86°	34.1	27.7	22.4	19.4
86.5°	30.8	24.3	19.5	16.1
87°	27.6	21.2	16.6	13.0
87.5°	24.6	18.7	13.7	10.1
88°	21.7	16.2	10.8	7.4
88.5°	19.1	13.7	7.9	5.9



TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

	330°	340°	350°	360°
90°	12.8	7.0	2.9	1.7
90.5°	10.7	5.5	1.9	0.2
91°	8.6	4.2	1.3	0.2
91.5°	7.2	3.3	0.9	0.2
92°	6.0	2.6	0.7	0.2
92.5°	4.9	2.1	0.6	0.1
93°	4.2	1.8	0.5	0.1
93.5°	3.6	1.6	0.5	0.1
94°	3.1	1.5	0.5	0.1
94.5°	2.8	1.4	0.5	0.1
95°	2.6	1.4	0.5	0.1
95.5°	2.5	1.3	0.4	0.2
96°	2.4	1.3	0.4	0.2
96.5°	2.3	1.3	0.4	0.2
97°	2.2	1.2	0.4	0.2
97.5°	2.2	1.2	0.4	0.2
98°	2.1	1.2	0.4	0.3
98.5°	2.1	1.1	0.4	0.3
99°	2.0	1.1	0.4	0.3
99.5°	2.0	1.1	0.4	0.4
100°	2.0	1.1	0.4	0.4
100.5°	1.9	1.1	0.4	0.5
101°	1.9	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°	1.8	1.1	0.5	0.6
103°	1.8	1.0	0.5	0.7
103.5°	1.8	1.0	0.6	0.7
104°	1.8	1.0	0.6	0.7
104.5°	1.8	0.9	0.7	0.8
105°	1.8	0.9	0.7	0.8
105.5°	1.7	0.9	0.7	0.8
106°	1.7	0.9	0.7	0.8
106.5°	1.7	0.9	0.8	0.9
107°	1.7	0.9	0.8	0.9
107.5°	1.6	0.8	0.8	1.0
108°	1.6	0.8	0.9	1.0
108.5°	1.6	0.8	0.9	1.1
109°	1.5	0.9	0.9	1.2
109.5°	1.5	0.9	1.0	1.2
110°	1.4	0.9	1.0	1.3
110.5°	1.4	0.9	1.0	1.3
111°	1.3	1.0	1.0	1.3



TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

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



TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

	330°	340°	350°	360°
135°	1.8	1.9	1.8	1.8
135.5°	1.9	1.9	1.8	1.8
136°	1.9	1.9	1.8	1.8
136.5°	1.9	2.0	1.8	1.8
137°	1.9	2.0	1.9	1.8
137.5°	1.9	2.0	1.9	1.8
138°	2.0	2.0	1.9	1.8
138.5°	2.0	2.1	1.9	1.8
139°	2.0	2.1	1.9	1.9
139.5°	2.0	2.1	1.9	1.9
140°	2.0	2.2	1.9	1.9
140.5°	2.0	2.2	1.9	1.9
141°	2.0	2.2	1.9	1.9
141.5°	2.0	2.3	1.9	1.9
142°	2.0	2.3	1.9	2.0
142.5°	2.0	2.3	2.0	2.0
143°	2.0	2.3	2.0	2.0
143.5°	2.0	2.4	2.0	2.0
144°	2.0	2.4	2.0	2.0
144.5°	2.1	2.4	2.0	2.0
145°	2.1	2.4	2.0	2.0
145.5°	2.1	2.4	2.0	2.0
146°	2.2	2.4	2.0	2.0
146.5°	2.2	2.5	2.0	2.0
147°	2.2	2.5	2.0	2.0
147.5°	2.3	2.5	2.0	2.0
148°	2.3	2.5	2.0	2.0
148.5°	2.3	2.5	2.0	2.0
149°	2.3	2.5	2.0	1.9
149.5°	2.3	2.5	2.0	1.9
150°	2.4	2.5	2.0	1.9
150.5°	2.4	2.5	2.0	1.9
151°	2.4	2.5	1.9	1.9
151.5°	2.4	2.5	1.9	2.0
152°	2.4	2.4	1.9	1.9
152.5°	2.4	2.4	1.9	1.9
153°	2.5	2.4	1.9	1.9
153.5°	2.5	2.4	1.9	1.9
154°	2.5	2.4	1.9	1.9
154.5°	2.5	2.4	1.9	1.9
155°	2.5	2.4	1.9	1.9
155.5°	2.5	2.4	1.9	2.0
156°	2.5	2.4	1.9	2.0



TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

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





TEST NUMBER: P563533

CATALOG NUMBER: 2NWS23C3-UNV-MED-5000K

**CANDELA DISTRIBUTION (continued):**

	330°	340°	350°	360°
180°	1.9	1.9	1.9	1.9



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	816.8	818.0	807.2	821.2	812.6	811.0	808.9	808.7	805.9	803.5	801.5
22°	812.9	804.0	804.8	816.5	808.6	806.4	804.4	802.0	801.0	798.4	797.9



44°	556.1	555.6	550.9	558.2	547.3	541.7	534.7	528.6	522.4	518.9	517.2
44.5°	550.0	548.4	542.5	551.1	540.3	534.0	527.1	521.2	515.4	511.4	510.1





66.5°	240.3	240.0	237.2	242.3	235.5	232.0	227.1	223.8	220.2	218.0	217.5
67°	233.6	233.3	230.7	234.4	229.3	225.7	221.4	218.2	214.3	212.3	211.6



89°	4.5	5.1	8.6	14.2	19.7	24.8	28.8	31.7	33.3	33.7	32.9
89.5°	3.1	3.8	6.9	12.3	17.6	22.6	26.6	29.5	31.1	31.4	30.7



111.5°	1.4	1.4	1.1	1.0	1.3	1.3	1.4	1.6	1.7	1.8	1.8
112°	1.4	1.4	1.1	1.1	1.3	1.3	1.4	1.5	1.7	1.7	1.7



134°	1.8	1.9	1.8	2.1	2.9	2.1	2.0	1.9	1.8	1.8	1.8
134.5°	1.8	1.9	1.8	2.1	2.9	2.1	2.0	1.9	1.9	1.8	1.9



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



179°	1.9	1.9	1.8	1.6	1.5	1.4	1.4	1.1	1.3	1.1	1.2
179.5°	1.9	1.9	1.9	1.9	1.6	1.5	1.3	1.2	1.0	1.0	1.0





21.5°	800.4	796.6	802.0	799.1	799.5	799.4	798.7	800.1	806.2	795.9	807.4
22°	798.5	797.2	796.2	795.5	795.4	793.8	796.1	795.2	794.9	788.9	805.8





44°	519.9	523.3	526.7	531.6	531.6	531.2	532.0	532.4	534.5	529.8	540.9
44.5°	512.5	517.2	521.6	523.3	525.2	524.6	525.0	525.7	526.1	523.0	533.2



66.5°	218.8	221.1	223.6	224.7	225.3	224.2	223.6	224.4	225.0	225.4	230.9
67°	213.1	215.2	217.6	218.5	218.8	217.8	217.0	218.0	218.4	219.2	224.8



89°	31.2	28.2	24.1	18.9	13.2	7.6	3.9	1.4	3.6	7.8	14.0
89.5°	29.0	26.1	22.0	16.9	11.4	6.2	2.7	0.2	2.4	6.2	11.8



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



134°	1.9	2.0	2.1	2.8	2.2	1.8	2.0	1.8	1.8	1.8	2.1
134.5°	1.9	2.0	2.1	2.9	2.2	1.9	2.0	1.8	1.8	1.8	2.2



156.5°	1.9	1.9	2.0	2.1	2.3	2.2	2.0	2.0	1.8	2.3	2.4
157°	1.9	1.9	2.0	2.2	2.3	2.2	2.0	1.9	1.8	2.3	2.4



179°	1.2	1.3	1.7	1.9	1.8	1.9	1.9	1.9	1.9	1.9	2.0
179.5°	1.0	1.4	1.6	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0







21.5°	803.3	803.0	804.9	807.0	806.9	807.9	808.6	809.6	813.8	816.6	815.3
22°	798.2	799.2	800.7	805.5	803.9	808.2	804.9	805.9	809.8	812.1	812.8



44°	533.8	532.2	529.6	529.0	525.7	526.5	528.5	534.4	541.8	548.8	552.9
44.5°	527.1	525.4	522.7	521.0	516.9	518.2	521.6	527.6	535.1	541.7	546.4



66.5°	229.2	228.6	227.6	226.4	226.0	226.2	228.1	231.6	235.9	239.7	242.9
67°	223.3	222.4	221.5	221.4	220.1	220.9	222.3	225.5	229.9	233.6	236.6



89°	19.2	24.3	28.9	32.3	34.3	35.3	35.1	33.8	31.3	27.4	22.4
89.5°	17.3	22.2	26.4	29.8	31.9	32.8	32.6	31.3	28.8	24.9	19.9



111.5°	2.3	3.0	3.5	3.9	4.2	4.3	4.2	3.9	3.5	3.0	2.2
112°	2.3	2.9	3.5	3.9	4.2	4.2	4.2	3.9	3.5	2.9	2.2



134°	2.1	1.8	1.6	1.5	1.4	1.4	1.4	1.4	1.6	1.7	1.8
134.5°	2.2	1.8	1.7	1.5	1.5	1.4	1.4	1.5	1.6	1.7	1.8



156.5°	2.3	2.1	2.1	2.2	2.3	2.3	2.3	2.2	2.2	2.2	2.3
157°	2.3	2.1	2.1	2.1	2.2	2.3	2.2	2.2	2.1	2.2	2.3



179°	1.8	1.9	1.5	1.4	1.3	1.2	1.0	1.1	1.1	1.3	1.4
179.5°	1.9	1.9	1.6	1.4	1.1	1.1	1.0	0.9	1.2	1.2	1.5







21.5°	818.1	816.8	819.7	816.8
22°	813.7	813.8	813.9	812.9



44°	556.7	557.3	557.1	556.1
44.5°	550.0	550.9	550.8	550.0



66.5°	244.0	243.9	242.7	240.3
67°	237.5	237.0	236.0	233.6



89°	17.0	11.2	5.9	4.5
89.5°	14.9	8.7	4.2	3.1



111.5°	1.3	1.0	1.1	1.4
112°	1.3	1.0	1.1	1.4



134°	1.8	1.8	1.8	1.8
134.5°	1.8	1.8	1.8	1.8



156.5°	2.5	2.4	1.9	2.0
157°	2.5	2.4	1.9	2.0





179°	1.5	1.6	1.8	1.9
179.5°	1.7	1.8	1.9	1.9



(END OF REPORT)