

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: P563523

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

Issue Date: 7/18/2022

Test Information

Test Method: LM-79-08
Report Number: P563523
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-NUV-MED-4000K
Description: 2 FOOT NWS SELETABLE WRAP AT 3500K AND MED LUMEN SETTING
Light Source: -
Ballast/Driver:

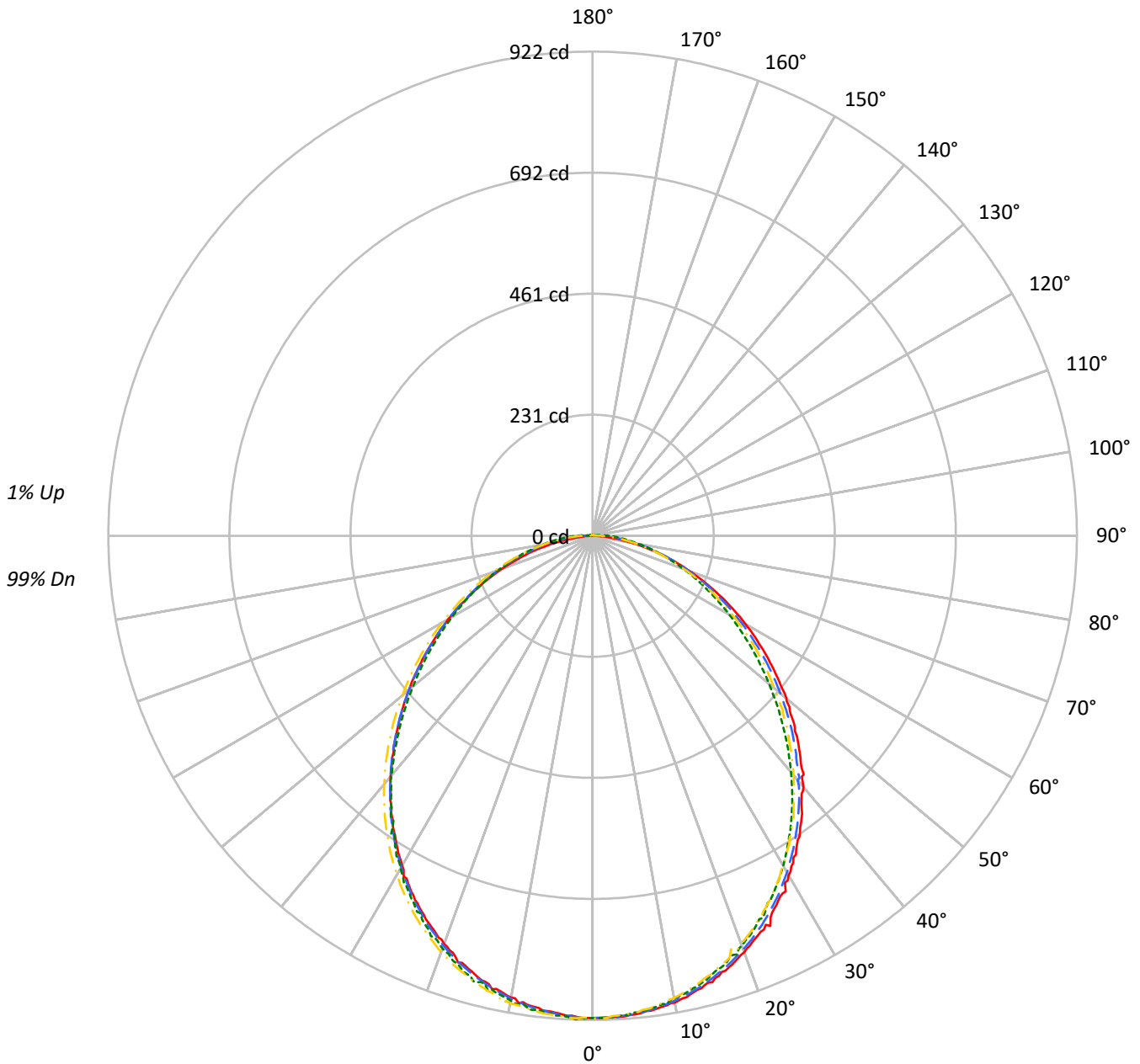
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2334.0 lumens
Efficiency: N/A
Efficacy: 134.9 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): 17.3
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





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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°	11161	11161	11161	11161
5°	11129	10947	11056	10957
10°	11065	10690	10940	10735
15°	10957	10403	10768	10521
20°	10756	10054	10540	10128
25°	10550	9646	10269	9751
30°	10235	9190	9945	9267
35°	9924	8650	9559	8678
40°	9576	8060	9178	8160
45°	9119	7424	8698	7533
50°	8667	6779	8227	6905
55°	8162	6137	7721	6284
60°	7617	5512	7191	5668
65°	7013	4906	6548	5084
70°	6305	4300	5823	4490
75°	5385	3675	4950	3905
80°	4177	3023	3701	3288
85°	2564	2459	2081	2645



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.7	3.7
10°-20°	245.5	10.5
20°-30°	363.0	15.6
30°-40°	419.5	18.0
40°-50°	410.0	17.6
50°-60°	346.6	14.9
60°-70°	250.7	10.7
70°-80°	142.9	6.1
80°-90°	50.1	2.1
90°-100°	8.2	0.4
100°-110°	2.6	0.1
110°-120°	2.0	0.1
120°-130°	1.6	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°	695.1	29.8
0°-40°	1114.6	47.8
0°-60°	1871.2	80.2
0°-90°	2314.8	99.2
90°-120°	12.7	0.5
90°-150°	17.4	0.7
90°-180°	19.0	0.8
0°-180°	2334.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	918	918	918	918	918	
5°	915	912	909	913	915	87
15°	880	868	865	878	880	247
25°	802	782	780	790	802	369
35°	688	659	663	662	688	429
45°	552	513	527	520	552	426
55°	408	367	386	376	408	365
65°	266	239	248	248	266	263
75°	132	133	122	141	132	141
85°	27	55	22	60	27	32
90°	2	30	0	31	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	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
0°	918.1	918.1	918.1	918.1	918.1	918.1	918.1	918.1	918.1	918.1	918.1
0.5°	918.2	921.5	911.6	930.0	918.1	917.9	918.3	920.4	917.3	918.8	917.3
1°	918.8	920.2	910.9	925.4	917.8	918.1	918.0	921.4	918.9	918.1	916.7
1.5°	917.7	919.6	910.3	931.6	917.4	918.0	917.6	921.8	919.6	918.4	916.3
2°	917.9	917.5	909.9	928.7	917.7	917.0	918.4	919.0	917.6	917.4	918.0
2.5°	917.3	915.9	910.0	924.7	919.3	916.8	917.0	917.0	917.3	918.8	915.2
3°	918.3	917.5	910.0	925.2	916.9	917.1	916.9	921.5	915.6	915.6	915.0
3.5°	917.6	915.0	908.8	924.2	916.7	915.6	915.9	919.6	916.4	915.2	913.9
4°	916.9	921.0	913.5	928.5	915.9	915.4	915.0	915.6	914.8	914.8	913.9
4.5°	915.3	916.9	908.5	925.2	915.6	914.2	913.7	916.2	914.3	913.2	913.6
5°	915.3	918.1	907.0	921.8	914.8	913.3	913.9	913.9	913.0	911.8	910.6
5.5°	914.2	913.6	907.7	923.4	912.7	911.7	912.2	914.2	912.5	911.1	909.3
6°	913.2	916.8	905.4	918.5	911.7	911.5	911.6	909.0	911.0	909.5	908.9
6.5°	911.1	907.6	904.3	919.8	911.6	910.4	910.0	912.2	910.7	908.6	906.1
7°	911.3	914.0	902.8	919.2	910.1	908.5	908.6	918.7	909.6	906.8	906.2
7.5°	909.5	908.9	905.5	918.7	908.5	907.3	907.1	903.9	907.4	905.5	904.0
8°	907.8	908.2	900.6	917.5	906.2	905.4	905.1	907.4	904.5	903.8	900.8
8.5°	906.3	907.8	898.1	915.4	905.2	903.9	902.9	902.9	904.4	901.6	900.0
9°	905.4	910.6	898.2	912.2	903.2	902.5	901.8	902.9	901.0	902.7	897.2
9.5°	902.3	903.3	895.2	908.3	901.5	900.9	900.1	901.5	898.6	896.2	896.6
10°	902.9	902.3	893.7	910.4	899.2	898.7	898.2	897.3	899.2	894.6	894.9
10.5°	900.2	899.3	891.7	906.4	897.2	896.8	895.7	894.1	893.9	892.8	892.6
11°	897.4	896.1	891.5	905.6	896.6	894.0	893.7	894.6	893.5	891.2	890.2
11.5°	896.7	894.8	887.9	900.2	893.2	891.5	891.1	891.0	890.0	888.4	887.7
12°	893.0	893.0	886.4	898.7	891.1	889.7	889.1	888.3	885.1	886.1	884.2
12.5°	890.4	889.7	882.6	897.6	888.1	887.0	885.9	887.9	884.6	883.0	881.4
13°	887.4	889.7	886.8	893.0	885.8	884.6	883.8	882.2	881.9	880.9	878.8
13.5°	886.4	885.4	878.5	898.9	883.9	881.6	880.8	879.8	879.7	877.8	875.9
14°	882.1	883.7	876.7	891.1	879.9	878.7	877.8	878.7	877.2	874.4	872.6
14.5°	879.1	881.2	840.5	888.8	876.9	875.9	874.7	881.3	872.6	871.8	869.0
15°	880.3	876.8	867.4	879.6	874.9	872.8	872.0	872.8	871.2	868.1	866.2
15.5°	873.7	868.2	867.3	885.1	871.2	869.7	868.4	866.7	869.5	863.8	863.5
16°	871.9	872.7	863.8	872.7	867.2	866.6	865.4	864.9	862.7	859.8	860.2
16.5°	866.2	868.9	859.7	876.9	865.0	863.4	861.3	860.6	859.4	858.1	856.6
17°	866.1	864.3	879.3	872.3	861.7	859.9	858.8	857.8	855.2	855.3	852.1
17.5°	861.7	861.3	853.5	870.1	857.8	856.3	854.7	856.4	856.6	851.1	848.6
18°	858.8	858.2	848.5	865.6	854.1	853.2	851.7	851.5	849.1	844.5	845.0
18.5°	854.9	855.8	847.5	861.3	849.9	848.7	847.9	847.9	845.0	841.8	841.2
19°	850.9	851.8	845.6	857.5	847.2	845.2	844.3	844.6	841.2	843.3	836.9
19.5°	846.9	849.4	842.4	854.1	844.3	841.3	839.8	838.7	837.5	834.3	833.2
20°	844.0	841.2	837.5	850.4	839.7	837.1	835.9	833.5	833.0	830.2	828.8
20.5°	839.3	838.1	832.5	846.0	835.4	833.2	831.7	832.8	829.9	825.9	825.3
21°	835.7	835.0	827.5	841.3	831.3	829.1	828.0	827.1	825.1	821.2	819.9



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
22.5°	823.2	826.8	815.1	827.4	818.4	815.9	815.2	815.6	811.1	808.2	806.2
23°	819.1	816.6	812.1	827.1	813.7	811.5	810.2	806.7	805.2	802.3	800.6
23.5°	817.8	817.1	805.7	822.4	809.2	807.3	806.9	806.1	800.9	796.3	796.0
24°	810.8	808.7	803.9	816.3	804.4	801.8	806.3	798.2	795.8	797.0	791.3
24.5°	816.3	804.7	796.1	807.4	799.5	797.1	795.3	794.1	790.6	790.0	785.6
25°	801.7	799.3	794.8	806.6	794.6	792.4	789.7	786.3	785.0	782.0	781.4
25.5°	794.7	794.0	786.3	804.6	790.0	787.0	784.4	785.9	780.5	774.5	776.0
26°	789.3	788.4	782.4	794.4	784.6	781.8	780.1	782.5	774.9	771.6	770.8
26.5°	785.2	784.9	776.2	789.7	780.1	776.5	775.2	771.2	769.0	766.4	763.2
27°	779.1	779.0	768.0	783.1	774.5	771.7	768.8	766.5	764.1	760.6	759.3
27.5°	773.7	773.0	765.0	778.9	769.3	766.4	763.1	761.9	760.0	755.1	753.4
28°	771.3	768.8	759.6	773.4	763.5	761.1	758.2	757.0	751.7	749.4	747.4
28.5°	770.6	765.6	757.9	769.0	757.8	755.0	752.7	751.6	746.1	743.7	741.8
29°	754.9	757.1	750.3	761.7	752.3	749.3	747.4	743.3	740.9	737.3	735.4
29.5°	754.3	754.0	744.8	757.3	747.2	743.7	739.6	737.7	734.4	731.5	729.5
30°	746.6	743.6	736.7	753.3	741.4	738.3	734.3	736.1	728.8	725.5	723.6
30.5°	742.2	749.2	733.7	746.3	735.7	732.6	728.9	725.9	723.0	719.1	717.2
31°	734.4	736.4	726.7	738.9	729.7	726.5	723.0	719.4	716.3	712.6	711.4
31.5°	730.7	728.8	729.0	735.0	723.5	720.0	716.7	714.7	709.6	706.1	704.4
32°	721.6	723.5	716.6	733.3	717.5	714.1	710.1	707.0	703.3	699.8	697.5
32.5°	720.1	717.9	706.7	719.5	711.7	707.9	704.1	701.0	696.4	692.9	692.2
33°	711.8	712.3	705.4	715.5	705.6	702.0	697.7	694.1	689.4	686.7	684.9
33.5°	704.8	705.6	698.2	711.1	699.3	695.6	691.4	685.8	683.5	680.2	678.5
34°	698.3	697.7	693.3	711.9	692.9	689.0	684.3	683.7	676.6	673.8	670.5
34.5°	695.6	693.2	687.3	697.7	686.5	682.2	677.7	674.0	668.7	666.5	664.5
35°	688.1	686.6	679.4	692.2	680.5	676.4	671.2	667.5	663.7	659.4	657.3
35.5°	681.1	681.0	673.4	684.5	673.7	669.7	664.5	660.7	655.5	652.5	650.6
36°	675.4	673.9	667.1	676.8	667.5	663.4	657.5	652.9	648.3	645.5	644.4
36.5°	668.7	667.3	661.0	671.2	660.6	656.0	650.2	650.9	643.5	638.4	637.2
37°	662.5	660.6	654.9	665.6	654.7	649.6	644.4	638.3	636.2	631.6	629.7
37.5°	653.9	655.1	647.9	656.1	647.2	642.7	637.0	633.5	627.9	623.9	623.3
38°	645.0	648.0	641.4	650.6	640.5	636.5	630.0	625.1	621.2	616.7	615.4
38.5°	639.2	640.8	635.7	644.9	634.3	629.1	623.5	617.8	613.3	609.7	608.8
39°	632.6	634.2	628.2	639.3	627.6	622.0	614.7	613.4	605.7	602.4	600.6
39.5°	629.9	627.6	621.6	631.6	620.5	615.1	610.6	603.9	599.4	595.1	593.8
40°	624.4	621.1	614.9	616.9	606.3	608.4	603.0	595.6	591.6	587.8	586.2
40.5°	616.0	614.2	608.5	616.3	612.4	600.9	595.0	589.6	583.7	580.1	578.9
41°	607.6	607.4	601.1	610.2	597.6	594.0	587.3	585.1	578.5	572.7	571.5
41.5°	606.7	599.9	594.3	603.3	592.7	586.9	580.8	574.6	570.2	565.2	564.4
42°	594.4	592.9	587.3	596.2	581.8	579.6	573.0	569.0	562.1	557.7	556.2
42.5°	586.9	586.7	580.2	588.3	574.3	572.7	565.9	560.8	554.2	550.6	549.4
43°	580.3	579.7	573.6	585.0	570.9	565.7	558.5	552.9	546.8	543.0	541.8
43.5°	573.2	572.8	567.1	573.8	563.8	558.0	551.2	545.7	539.6	535.2	534.4



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
45°	552.4	551.8	545.3	552.5	542.2	536.7	529.1	522.2	516.4	512.8	512.2
45.5°	545.5	544.5	538.4	545.4	535.2	529.4	521.9	513.9	509.4	505.3	504.8
46°	535.1	537.0	531.1	538.2	528.1	522.0	514.9	508.3	501.5	497.7	496.9
46.5°	531.1	529.7	523.8	531.2	520.6	514.4	507.1	500.9	494.2	490.3	489.4
47°	524.3	522.7	517.8	524.3	513.5	507.4	499.3	494.2	486.8	483.4	483.0
47.5°	515.8	515.2	508.3	516.4	506.2	499.7	492.0	486.4	479.1	475.5	474.6
48°	506.8	507.0	503.1	509.5	499.5	492.3	485.0	478.7	472.4	468.1	467.4
48.5°	500.8	501.8	495.4	502.3	491.7	484.9	477.5	471.6	463.8	460.3	459.5
49°	496.9	494.3	489.2	494.4	484.7	477.9	469.7	463.2	457.0	453.4	453.1
49.5°	486.3	485.2	481.3	486.7	477.1	470.7	463.3	455.2	449.5	445.9	444.4
50°	480.9	481.3	474.5	480.4	470.0	463.5	455.4	448.6	442.1	438.5	438.2
50.5°	474.8	471.3	466.3	472.6	462.6	455.4	448.0	442.0	434.7	431.1	429.6
51°	465.5	465.2	459.8	465.3	455.7	448.7	440.5	433.2	427.8	423.9	423.6
51.5°	458.2	456.7	452.5	457.6	448.1	441.1	433.2	427.0	420.1	416.5	415.8
52°	451.1	449.5	445.8	449.9	440.8	433.9	426.2	415.8	413.0	409.4	408.8
52.5°	444.1	443.5	438.7	443.1	433.9	426.9	418.8	411.8	405.9	402.2	401.1
53°	435.9	435.8	430.1	435.9	426.1	419.5	411.6	404.9	398.7	395.2	394.0
53.5°	429.2	429.1	421.8	429.3	419.3	412.4	404.5	397.6	391.4	388.1	387.2
54°	422.1	421.5	417.3	421.7	412.3	405.0	396.8	390.9	384.6	380.8	379.8
54.5°	414.4	413.6	409.3	414.2	404.4	398.1	390.0	386.7	377.7	374.0	373.8
55°	407.9	406.7	401.8	407.5	397.4	390.6	382.9	375.9	370.4	367.1	366.0
55.5°	400.4	400.0	396.8	398.2	390.4	383.8	375.6	369.2	363.7	360.0	359.7
56°	393.0	392.5	388.3	392.0	383.4	376.6	369.7	362.5	356.8	353.2	352.9
56.5°	385.9	384.6	383.9	384.7	376.0	369.6	362.1	355.0	349.9	346.3	346.1
57°	377.7	377.4	374.5	378.0	368.9	362.4	354.6	348.2	343.4	339.9	340.4
57.5°	371.1	369.9	366.9	372.4	361.9	355.5	348.3	341.2	336.2	333.0	331.7
58°	365.0	363.9	359.5	363.2	354.9	348.9	341.1	336.2	329.5	326.3	326.3
58.5°	356.9	355.8	352.1	356.1	347.8	341.6	334.1	327.8	323.2	319.9	319.5
59°	351.1	348.4	345.2	348.8	341.0	335.1	327.8	321.6	316.5	313.5	312.8
59.5°	342.6	342.6	338.1	342.2	334.0	327.8	321.1	314.8	309.9	306.7	306.5
60°	335.8	335.7	331.0	334.7	326.7	321.0	314.4	308.8	302.7	300.3	300.0
60.5°	328.4	328.3	324.0	327.7	320.0	314.3	307.3	302.0	296.7	294.2	293.6
61°	322.2	321.3	316.8	320.8	313.3	307.4	301.0	295.9	290.9	287.5	286.9
61.5°	315.2	313.7	309.7	314.0	306.4	300.8	294.1	289.3	284.4	281.3	281.3
62°	307.3	306.2	303.8	306.4	299.4	294.2	287.8	282.2	277.7	275.2	275.4
62.5°	300.6	300.0	295.9	299.3	292.9	287.4	281.4	276.1	272.3	269.2	268.0
63°	293.5	292.3	291.7	292.6	285.8	281.1	274.8	273.8	264.9	263.0	262.8
63.5°	286.6	285.5	283.7	285.6	279.4	274.4	268.8	264.0	259.6	256.9	256.7
64°	279.2	277.8	275.4	278.7	271.8	268.0	262.3	257.9	253.4	250.8	250.4
64.5°	272.5	271.6	269.0	272.0	266.1	261.6	256.2	250.8	247.5	245.2	244.9
65°	265.5	264.8	262.2	265.8	255.4	255.2	249.7	245.5	241.4	239.1	238.7
65.5°	258.6	257.7	255.1	258.3	252.5	248.9	243.5	239.7	235.7	233.4	232.9
66°	251.9	251.3	248.0	251.6	246.4	242.4	237.4	233.7	229.4	227.5	226.7



TEST NUMBER: P563523

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

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
67.5°	231.0	231.0	228.9	231.2	227.1	223.5	219.1	216.0	212.2	210.5	209.7
68°	224.6	223.7	222.3	224.7	220.5	217.5	213.3	210.4	206.8	204.8	204.5
68.5°	217.0	216.4	215.5	217.9	214.2	211.3	207.6	204.6	201.5	199.5	198.6
69°	210.4	210.1	208.8	211.5	208.0	205.3	202.4	199.0	195.6	194.1	193.5
69.5°	203.9	203.6	201.1	206.6	201.8	199.2	195.9	193.2	190.3	188.5	187.7
70°	197.6	197.0	194.2	198.5	195.4	193.3	190.4	187.8	185.6	183.3	182.6
70.5°	190.4	190.4	188.8	192.3	189.3	187.3	184.6	182.1	179.6	177.9	177.3
71°	183.6	183.4	182.3	185.5	183.3	181.5	179.1	176.8	174.4	172.8	171.9
71.5°	177.2	177.7	175.7	179.6	177.3	175.6	173.6	171.5	169.1	167.7	167.4
72°	170.7	170.9	170.1	173.7	171.2	170.1	168.1	166.0	164.1	162.5	162.7
72.5°	164.5	164.4	163.5	167.0	165.2	164.3	162.4	161.0	158.5	157.4	157.2
73°	158.0	157.9	157.1	160.9	159.5	158.7	157.3	155.7	153.8	152.3	151.7
73.5°	151.5	150.9	150.8	154.8	153.6	153.2	151.7	150.5	148.8	147.6	146.8
74°	145.1	145.2	144.5	148.4	147.8	147.6	146.7	145.7	143.8	142.6	141.8
74.5°	138.8	138.6	138.4	142.5	142.1	142.3	141.4	140.2	138.9	137.8	136.9
75°	132.4	132.5	132.5	136.5	136.6	136.9	136.1	135.4	134.3	133.0	132.4
75.5°	126.2	126.2	127.1	132.5	131.0	131.4	131.0	130.4	129.5	128.1	127.5
76°	120.2	120.6	120.2	124.9	125.4	126.3	125.7	125.9	124.7	124.1	122.8
76.5°	113.8	114.4	114.8	119.4	120.0	121.0	121.2	120.8	120.1	119.2	118.3
77°	107.9	108.2	108.9	112.9	114.6	116.0	116.1	116.2	115.4	114.6	113.8
77.5°	102.6	102.2	103.7	107.9	109.4	110.7	110.9	111.2	110.9	110.0	109.2
78°	96.2	96.9	97.6	102.5	104.2	105.8	107.0	107.0	106.4	105.7	104.9
78.5°	90.2	90.7	92.2	97.2	99.1	101.0	102.0	102.6	102.2	101.5	100.7
79°	85.1	84.9	86.9	91.6	94.1	96.2	97.3	98.0	97.8	97.4	96.6
79.5°	79.3	79.2	81.0	86.6	89.0	91.4	92.8	93.7	93.6	93.1	92.2
80°	73.7	74.1	76.1	81.6	84.2	87.0	88.4	89.6	89.7	89.1	88.4
80.5°	68.4	68.9	71.2	76.4	79.5	82.2	84.0	85.5	85.7	85.3	84.3
81°	63.1	63.6	66.1	71.5	74.8	77.9	80.7	81.3	82.0	81.4	80.6
81.5°	58.4	58.9	61.5	66.8	70.2	73.5	76.2	77.5	77.9	77.7	77.0
82°	53.7	54.3	57.1	62.0	65.7	69.4	72.2	73.7	74.3	74.1	73.3
82.5°	49.0	49.7	52.7	57.8	61.1	65.3	68.2	70.2	70.7	70.6	69.5
83°	44.3	45.1	48.3	53.7	57.4	61.0	64.3	66.4	67.1	67.1	66.4
83.5°	39.6	40.5	43.9	49.5	53.7	57.6	60.9	62.9	63.8	63.8	63.1
84°	35.3	36.4	39.5	45.4	50.0	54.3	57.7	59.9	60.9	61.4	60.2
84.5°	31.1	32.0	35.4	41.3	46.3	50.9	54.6	56.8	57.9	58.4	57.3
85°	27.1	28.0	31.4	37.4	42.7	47.6	51.4	53.8	54.9	55.4	54.4
85.5°	23.3	24.3	27.8	33.9	39.3	44.3	48.2	50.8	51.9	52.3	51.4
86°	19.8	20.7	24.3	30.4	36.1	41.2	45.1	47.8	49.0	49.3	48.5
86.5°	16.4	17.3	21.1	27.3	32.9	38.2	42.2	44.9	46.2	46.5	45.8
87°	13.2	14.2	18.1	24.3	30.1	35.3	39.3	42.1	43.5	43.9	43.1
87.5°	10.3	11.3	15.3	21.5	27.3	32.6	36.7	39.5	41.0	41.3	40.5
88°	7.5	8.7	12.8	19.0	24.7	30.0	34.1	37.0	38.4	38.9	38.1
88.5°	6.0	6.5	10.7	16.6	22.3	27.5	31.6	34.6	36.1	36.5	35.8



TEST NUMBER: P563523

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

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
90°	1.7	2.6	6.1	10.8	16.0	21.0	24.9	28.0	29.5	29.9	29.3
90.5°	0.2	1.4	5.1	9.3	14.2	19.1	23.1	25.9	27.5	28.0	27.3
91°	0.2	0.9	4.1	7.9	12.7	17.3	21.2	24.0	25.6	26.1	25.4
91.5°	0.2	0.6	3.1	6.7	11.1	15.6	19.4	22.2	23.8	24.2	23.6
92°	0.2	0.5	2.2	5.8	9.8	14.1	17.7	20.5	22.0	22.6	22.0
92.5°	0.1	0.4	1.7	5.0	8.6	12.6	16.1	18.8	20.4	20.9	20.3
93°	0.1	0.3	1.4	4.1	7.5	11.3	14.7	17.3	18.9	19.3	18.7
93.5°	0.1	0.3	1.1	3.3	6.5	10.1	13.4	15.9	17.3	17.9	17.4
94°	0.1	0.3	0.9	2.8	5.8	9.1	12.2	14.6	16.1	16.5	16.0
94.5°	0.1	0.2	0.8	2.4	5.1	8.1	11.0	13.3	14.8	15.2	14.8
95°	0.1	0.3	0.7	2.0	4.5	7.2	10.0	12.3	13.5	14.0	13.5
95.5°	0.2	0.3	0.6	1.8	3.8	6.4	9.0	11.2	12.5	12.9	12.4
96°	0.2	0.3	0.6	1.6	3.3	5.8	8.1	10.1	11.4	11.8	11.3
96.5°	0.2	0.2	0.5	1.5	2.9	5.2	7.3	9.2	10.4	10.8	10.5
97°	0.2	0.3	0.5	1.4	2.6	4.6	6.6	8.4	9.6	10.0	9.6
97.5°	0.3	0.3	0.5	1.2	2.4	4.1	6.1	7.7	8.8	9.1	8.8
98°	0.3	0.3	0.5	1.1	2.2	3.7	5.6	7.0	8.0	8.4	8.1
98.5°	0.3	0.4	0.5	1.0	2.1	3.4	5.0	6.4	7.3	7.7	7.4
99°	0.3	0.4	0.5	0.9	1.9	3.1	4.5	6.0	6.8	7.0	6.8
99.5°	0.4	0.5	0.5	0.9	1.8	2.9	4.2	5.6	6.3	6.5	6.3
100°	0.4	0.5	0.5	0.8	1.7	2.8	3.9	5.1	5.8	6.0	5.8
100.5°	0.5	0.5	0.5	0.8	1.6	2.6	3.7	4.7	5.4	5.6	5.4
101°	0.5	0.6	0.6	0.8	1.5	2.5	3.5	4.4	4.9	5.2	4.9
101.5°	0.5	0.6	0.6	0.8	1.4	2.3	3.3	4.2	4.6	4.8	4.6
102°	0.6	0.6	0.6	0.8	1.3	2.2	3.1	4.0	4.4	4.5	4.4
102.5°	0.6	0.7	0.7	0.8	1.3	2.1	3.0	3.8	4.2	4.3	4.2
103°	0.7	0.7	0.6	0.8	1.2	2.0	2.8	3.6	4.0	4.1	4.0
103.5°	0.7	0.8	0.6	0.8	1.1	1.8	2.6	3.4	3.8	3.9	3.8
104°	0.7	0.8	0.7	0.8	1.1	1.7	2.5	3.2	3.6	3.8	3.7
104.5°	0.8	0.9	0.7	0.9	1.1	1.7	2.4	3.0	3.5	3.6	3.5
105°	0.8	1.0	0.7	0.9	1.0	1.6	2.2	2.9	3.3	3.4	3.3
105.5°	0.8	1.2	0.7	0.9	1.0	1.5	2.1	2.7	3.1	3.3	3.2
106°	0.9	1.2	0.7	1.0	1.0	1.4	2.0	2.6	3.0	3.1	3.0
106.5°	0.9	1.2	0.8	1.0	1.0	1.4	1.9	2.5	2.8	3.0	2.9
107°	0.9	1.1	0.8	1.0	1.0	1.4	1.8	2.3	2.7	2.8	2.7
107.5°	1.0	1.1	0.9	1.1	1.1	1.3	1.8	2.2	2.6	2.7	2.6
108°	1.0	1.1	0.9	1.0	1.1	1.3	1.7	2.1	2.4	2.6	2.5
108.5°	1.1	1.2	1.0	1.0	1.1	1.2	1.6	2.0	2.3	2.4	2.4
109°	1.2	1.2	1.1	1.0	1.1	1.2	1.6	2.0	2.2	2.3	2.2
109.5°	1.3	1.3	1.1	1.0	1.2	1.2	1.5	1.9	2.1	2.2	2.1
110°	1.3	1.3	1.1	1.0	1.2	1.3	1.5	1.8	2.0	2.1	2.1
110.5°	1.3	1.3	1.1	1.0	1.2	1.3	1.4	1.7	2.0	2.0	2.0
111°	1.4	1.4	1.1	1.0	1.3	1.3	1.4	1.6	1.9	1.9	1.9



TEST NUMBER: P563523

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

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	1.7
113°	1.5	1.4	1.1	1.1	1.2	1.5	1.4	1.5	1.6	1.6	1.6
113.5°	1.5	1.4	1.1	1.1	1.2	1.5	1.4	1.5	1.5	1.6	1.6
114°	1.5	1.4	1.2	1.1	1.2	1.5	1.5	1.5	1.5	1.5	1.5
114.5°	1.6	1.4	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	1.6	1.5	1.5	1.5	1.5
115.5°	1.6	1.6	1.4	1.2	1.2	1.6	1.6	1.5	1.5	1.5	1.5
116°	1.6	1.6	1.4	1.2	1.3	1.6	1.6	1.6	1.5	1.5	1.6
116.5°	1.6	1.7	1.5	1.2	1.3	1.4	1.6	1.6	1.6	1.6	1.6
117°	1.6	1.7	1.7	1.2	1.3	1.3	1.6	1.7	1.6	1.6	1.6
117.5°	1.5	1.7	1.8	1.2	1.4	1.3	1.7	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	1.7	1.7
118.5°	1.5	1.6	1.8	1.3	1.4	1.3	1.7	1.7	1.8	1.7	1.8
119°	1.5	1.6	1.8	1.3	1.5	1.3	1.7	1.7	1.8	1.8	1.8
119.5°	1.5	1.7	1.8	1.4	1.5	1.4	1.5	1.8	1.8	1.8	1.8
120°	1.5	1.7	1.7	1.4	1.5	1.4	1.4	1.8	1.8	1.8	1.8
120.5°	1.5	1.7	1.7	1.5	1.5	1.4	1.4	1.8	1.8	1.8	1.8
121°	1.5	1.7	1.7	1.5	1.5	1.5	1.4	1.8	1.9	1.8	1.9
121.5°	1.5	1.7	1.7	1.6	1.6	1.5	1.4	1.6	1.9	1.9	1.9
122°	1.6	1.7	1.8	1.6	1.6	1.5	1.4	1.5	1.8	1.9	1.8
122.5°	1.6	1.7	1.8	1.6	1.6	1.6	1.4	1.4	1.7	1.8	1.7
123°	1.6	1.8	1.9	1.7	1.6	1.6	1.5	1.4	1.5	1.7	1.6
123.5°	1.6	1.8	1.9	1.7	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	1.6	1.5	1.4	1.4	1.4	1.4
124.5°	1.6	1.8	2.0	1.8	1.7	1.7	1.5	1.4	1.4	1.4	1.4
125°	1.6	1.8	2.0	1.9	1.8	1.7	1.6	1.4	1.4	1.4	1.4
125.5°	1.6	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	1.6	1.5	1.4	1.4	1.4
126.5°	1.7	1.8	1.9	2.2	1.8	1.8	1.7	1.5	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	1.5	1.5	1.5
128°	1.7	1.8	1.9	2.3	1.9	1.8	1.7	1.6	1.6	1.5	1.6
128.5°	1.7	1.8	1.8	2.3	1.9	1.8	1.7	1.7	1.6	1.5	1.6
129°	1.7	1.8	1.7	2.2	2.0	1.9	1.8	1.7	1.6	1.6	1.6
129.5°	1.7	1.8	1.7	2.2	2.0	1.9	1.8	1.7	1.6	1.6	1.7
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°	1.8	1.8	1.7	2.1	2.1	1.9	1.8	1.8	1.7	1.7	1.7
131°	1.8	1.8	1.8	2.1	2.1	2.0	1.9	1.8	1.7	1.7	1.7
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	2.3	2.0	1.9	1.8	1.8	1.7	1.8
132.5°	1.8	1.9	1.8	2.1	2.5	2.0	1.9	1.8	1.8	1.8	1.8
133°	1.8	1.9	1.8	2.2	2.6	2.1	1.9	1.9	1.8	1.8	1.8
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: P563523

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

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P563523

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CANDELA DISTRIBUTION (continued):

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



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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: P563523

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

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
0°	918.1	918.1	918.1	918.1	918.1	918.1	918.1	918.1	918.1	918.1	918.1
0.5°	915.0	918.9	920.9	917.8	918.8	916.6	918.8	918.6	921.0	899.5	928.1
1°	916.9	917.2	919.4	916.7	917.7	917.1	917.6	918.3	916.8	909.3	926.9
1.5°	916.1	917.6	920.9	917.4	917.0	914.8	918.5	918.4	912.7	911.1	930.1
2°	919.0	918.2	918.5	915.2	916.7	914.8	917.7	916.2	915.1	908.9	924.4
2.5°	916.1	916.3	914.8	915.0	915.9	915.0	916.2	914.7	915.5	909.4	924.4
3°	914.5	916.2	916.6	913.4	915.2	914.7	911.5	915.3	916.3	913.9	924.3
3.5°	913.0	903.2	914.1	913.7	913.5	912.7	913.8	913.9	912.3	906.1	923.1
4°	911.9	909.9	913.9	912.5	913.5	911.0	913.9	911.7	913.6	904.3	922.2
4.5°	912.4	914.7	913.3	911.1	912.4	913.1	911.7	911.1	911.9	901.3	926.8
5°	910.5	924.7	913.3	909.9	910.4	907.4	912.2	909.3	909.7	904.6	922.3
5.5°	909.9	911.1	912.6	908.7	908.8	907.1	911.9	909.2	911.6	902.8	918.9
6°	908.8	909.0	907.9	907.5	908.6	907.3	908.1	909.1	908.4	900.9	917.0
6.5°	906.8	907.8	908.0	906.1	906.1	905.2	906.5	905.0	906.4	900.1	917.0
7°	905.2	908.8	907.0	905.4	904.6	904.2	910.6	904.3	905.7	897.1	915.7
7.5°	903.4	904.1	904.8	903.2	903.3	901.9	913.8	903.1	903.6	896.9	912.7
8°	901.6	903.0	902.3	900.9	901.3	898.6	900.1	901.4	901.3	895.9	911.7
8.5°	899.9	900.8	900.0	899.5	898.9	896.4	900.4	897.9	899.5	895.2	908.4
9°	898.2	898.6	898.4	896.8	896.8	894.6	898.2	901.1	897.5	888.3	904.7
9.5°	896.0	896.9	896.6	894.1	895.3	892.6	896.2	892.9	895.9	891.6	909.0
10°	892.2	894.5	894.2	893.2	892.9	891.9	892.7	892.7	902.4	887.7	910.7
10.5°	891.4	892.5	891.8	890.4	890.5	889.7	890.7	890.8	891.5	884.3	899.9
11°	888.4	888.9	889.0	887.8	888.2	886.3	888.4	887.3	886.4	881.7	895.1
11.5°	886.0	887.1	887.1	885.9	885.4	885.3	882.6	884.7	884.1	878.5	895.4
12°	883.8	884.4	884.6	882.3	882.9	881.7	882.5	882.4	881.5	875.9	893.6
12.5°	881.2	881.1	881.5	879.2	879.9	879.7	879.3	884.3	882.5	876.1	893.8
13°	877.9	878.4	878.3	877.7	876.5	877.4	877.6	876.9	877.4	863.0	886.8
13.5°	874.8	875.2	875.8	873.6	874.5	873.2	875.1	873.7	874.0	871.6	885.5
14°	871.6	872.7	872.0	870.1	871.0	869.0	870.3	872.5	871.4	858.6	882.1
14.5°	869.0	868.6	867.5	867.6	868.1	866.4	867.5	869.0	868.4	854.8	879.2
15°	866.0	866.5	867.0	864.7	864.4	863.1	866.1	865.1	864.5	859.7	875.9
15.5°	862.2	862.5	862.1	861.2	861.0	859.1	862.2	861.0	861.8	857.2	876.1
16°	859.4	861.3	858.6	857.6	857.8	857.8	857.1	857.8	859.1	851.2	868.5
16.5°	854.7	854.1	855.3	852.6	854.3	854.4	853.0	854.1	853.9	850.5	864.6
17°	851.6	852.6	851.2	851.3	850.9	849.2	853.1	850.2	852.0	846.9	862.9
17.5°	848.4	849.1	849.6	846.6	847.1	844.7	848.6	852.1	847.1	840.4	856.6
18°	843.9	844.8	845.0	843.6	843.1	841.8	844.1	843.5	845.0	838.3	853.2
18.5°	839.9	840.9	842.9	818.1	839.4	838.0	838.3	837.4	840.3	834.7	850.6
19°	835.9	816.0	836.5	839.7	834.3	833.5	834.9	835.1	835.5	829.9	846.7
19.5°	832.1	834.1	831.5	833.3	830.1	829.6	831.7	829.9	832.2	826.2	841.7
20°	828.2	828.4	827.3	822.0	827.0	825.2	827.7	827.0	827.8	823.5	837.4
20.5°	823.6	823.4	823.9	822.1	822.1	821.0	823.3	821.2	825.1	817.1	834.9
21°	818.8	825.2	819.4	817.7	819.0	816.9	817.7	819.2	815.3	816.5	828.0



TEST NUMBER: P563523

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

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
22.5°	805.3	804.6	806.8	803.9	804.6	803.3	804.1	804.7	806.4	801.1	816.6
23°	801.5	800.9	799.7	799.0	800.4	798.5	801.6	800.2	801.7	796.4	810.7
23.5°	787.3	797.8	796.4	798.3	795.1	793.4	794.1	796.3	795.8	789.4	806.6
24°	789.9	795.2	792.0	790.1	790.9	788.6	790.8	790.2	794.9	782.3	801.7
24.5°	785.3	786.1	784.4	785.4	785.2	784.0	785.8	785.4	787.4	780.3	796.8
25°	780.6	780.4	780.9	780.3	780.4	778.8	780.0	780.4	782.1	774.5	791.3
25.5°	774.5	775.1	776.4	774.3	775.6	773.7	774.4	774.9	773.5	771.3	786.4
26°	769.8	770.9	771.9	769.8	769.9	768.4	769.8	771.6	771.3	764.8	780.5
26.5°	764.0	763.8	765.3	763.3	764.4	762.7	764.9	764.5	768.5	760.9	775.4
27°	759.2	758.3	757.2	760.2	759.4	757.2	759.4	760.5	758.0	755.2	770.2
27.5°	753.3	754.8	756.4	753.8	753.6	751.8	753.6	754.4	755.2	749.5	765.0
28°	747.5	749.2	748.7	748.1	748.5	747.5	747.6	748.4	751.8	744.1	758.8
28.5°	742.2	741.5	744.4	743.1	742.9	740.0	742.3	742.5	741.5	736.4	753.4
29°	736.5	735.9	736.6	736.7	737.1	738.7	736.4	741.8	736.1	732.1	746.2
29.5°	729.8	732.1	731.9	728.3	730.8	730.0	730.5	730.9	731.6	727.7	753.4
30°	714.3	724.7	725.2	724.5	725.3	724.0	725.3	725.4	726.7	722.1	730.7
30.5°	712.2	717.2	720.2	719.7	719.7	717.5	719.0	719.0	721.0	718.7	729.5
31°	709.2	714.0	713.2	712.9	714.0	712.0	713.0	713.9	714.7	709.9	724.2
31.5°	705.4	708.4	707.3	708.2	707.7	705.7	706.8	708.2	708.1	702.4	718.9
32°	700.3	700.3	701.0	702.1	701.5	700.0	700.8	701.0	702.5	697.9	712.4
32.5°	692.0	693.4	695.2	697.4	695.1	694.2	694.3	695.5	696.8	691.7	707.7
33°	685.7	686.0	688.4	688.2	689.1	687.8	688.8	688.5	690.0	684.6	699.7
33.5°	680.6	681.2	682.6	682.9	683.2	681.7	681.0	682.6	682.4	679.9	693.3
34°	673.1	672.3	677.8	676.2	676.8	674.9	676.7	677.3	677.4	673.6	686.9
34.5°	665.3	667.4	670.0	669.0	670.4	669.3	669.6	671.7	670.9	665.8	680.3
35°	659.0	660.8	662.9	662.4	664.0	662.1	663.3	662.8	664.9	661.0	673.8
35.5°	651.4	655.3	661.1	656.1	657.5	656.1	657.0	657.8	658.0	654.5	668.0
36°	645.3	647.0	651.5	650.6	650.7	650.5	650.6	652.2	649.7	648.5	661.1
36.5°	638.8	635.3	642.6	643.3	643.8	643.5	643.9	643.8	645.8	641.5	653.6
37°	628.8	633.8	636.1	637.2	637.8	636.8	637.2	637.9	636.2	635.3	647.1
37.5°	623.2	626.5	629.1	629.7	631.0	630.1	630.6	633.3	632.1	627.9	641.2
38°	618.2	615.7	622.7	623.5	623.9	622.3	623.8	623.7	630.9	622.7	635.0
38.5°	613.1	615.3	616.1	617.4	617.6	616.2	616.5	618.2	617.1	614.5	627.2
39°	600.9	608.7	609.6	610.0	610.9	609.7	611.0	611.0	617.1	609.0	620.1
39.5°	596.9	599.8	601.5	603.1	604.0	603.3	603.9	605.2	605.6	600.5	616.6
40°	585.9	590.6	594.6	596.0	597.3	596.0	597.2	598.5	598.9	594.7	604.9
40.5°	582.5	586.6	588.0	588.4	590.5	589.0	589.9	590.1	590.6	587.3	599.9
41°	573.5	576.8	579.7	578.4	583.3	581.9	583.1	583.3	585.0	578.3	589.1
41.5°	567.5	568.6	572.6	574.4	576.3	576.3	576.2	576.4	577.5	575.5	582.7
42°	558.9	563.7	567.4	568.4	569.8	568.3	569.2	571.8	571.2	568.5	578.7
42.5°	551.4	556.2	559.6	560.6	561.7	562.1	562.3	561.2	563.3	559.9	572.5
43°	543.9	547.0	550.7	554.9	555.4	554.6	554.9	555.6	552.1	554.1	564.8
43.5°	537.0	542.8	543.8	545.6	548.0	547.0	548.3	549.7	549.4	545.7	560.0



TEST NUMBER: P563523

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

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
45°	513.9	520.3	522.0	524.2	527.0	526.3	527.0	526.9	528.2	526.4	536.0
45.5°	507.1	512.7	516.2	519.8	519.9	518.3	520.1	520.4	522.2	517.7	530.2
46°	499.6	505.2	508.5	509.7	512.8	512.3	512.5	513.3	514.5	510.6	523.1
46.5°	491.3	497.1	501.5	503.5	505.2	505.3	506.6	506.4	507.3	503.0	512.5
47°	484.5	491.5	493.8	495.8	498.3	498.3	498.6	498.3	499.4	497.5	505.8
47.5°	477.9	482.3	486.9	494.5	491.1	491.0	491.7	492.2	492.9	490.8	500.8
48°	469.9	474.7	480.2	482.4	484.2	483.9	483.8	484.9	486.4	486.1	491.8
48.5°	462.4	468.2	472.9	474.2	477.0	476.9	478.7	478.2	479.2	474.7	484.9
49°	455.7	459.9	463.7	466.0	469.8	469.5	470.3	470.9	471.1	469.8	479.7
49.5°	448.2	452.4	458.6	463.7	462.7	463.1	463.3	463.6	464.5	463.2	471.5
50°	440.7	445.5	451.6	453.9	455.9	455.7	456.0	456.5	457.4	454.8	465.8
50.5°	433.3	438.3	444.0	445.0	448.5	449.0	448.9	449.8	449.8	449.9	456.0
51°	426.3	431.2	435.9	439.3	441.2	441.5	443.0	443.1	443.0	438.9	449.2
51.5°	418.2	423.6	429.2	431.4	434.3	433.9	436.9	435.3	435.9	433.1	441.9
52°	411.6	416.5	422.8	424.6	427.2	427.0	428.3	428.7	429.2	427.9	435.1
52.5°	404.9	409.3	416.1	419.7	420.2	420.8	420.7	421.3	421.6	418.8	427.5
53°	397.6	402.7	408.9	411.6	413.0	414.3	413.4	413.8	414.5	413.8	421.7
53.5°	390.7	395.3	401.5	403.4	405.7	407.1	406.4	407.0	407.0	405.5	413.9
54°	382.8	388.1	393.7	396.1	399.0	399.3	401.2	400.1	400.4	398.8	405.6
54.5°	377.0	381.0	385.8	390.1	391.7	391.8	392.8	392.7	393.6	391.5	401.3
55°	369.2	374.7	380.3	383.1	384.9	385.1	385.4	385.9	386.5	384.9	391.4
55.5°	362.6	367.3	372.0	377.2	377.9	378.0	377.4	378.4	380.3	377.4	386.0
56°	355.4	360.4	366.0	369.3	371.0	373.6	370.8	371.7	372.4	370.5	377.4
56.5°	348.9	353.7	358.8	362.1	364.0	364.3	365.5	364.5	365.7	364.4	370.5
57°	342.4	346.6	353.1	354.7	356.8	357.0	357.4	357.5	357.2	356.8	365.3
57.5°	335.2	339.8	344.4	347.7	350.1	349.1	349.6	350.4	351.4	351.7	357.7
58°	328.7	333.2	338.2	341.6	342.8	343.5	343.1	343.8	344.5	343.0	346.9
58.5°	321.7	326.0	331.5	334.9	336.0	337.5	336.4	337.8	337.1	336.0	342.7
59°	315.3	319.5	323.8	327.0	329.5	330.1	329.8	329.6	329.6	329.1	336.0
59.5°	309.0	310.1	318.7	319.9	322.6	322.2	322.0	322.8	322.9	322.1	330.0
60°	302.6	306.1	310.7	313.3	316.2	315.4	315.0	317.0	316.6	316.2	323.0
60.5°	295.9	299.8	305.8	306.3	308.8	310.0	309.0	308.9	309.3	309.3	315.8
61°	289.4	293.4	296.1	300.3	301.4	302.8	302.1	300.8	302.6	302.1	309.1
61.5°	283.2	287.0	291.9	293.2	295.0	294.9	294.9	295.2	296.3	295.9	300.6
62°	276.8	280.3	284.7	286.7	288.2	288.4	288.2	288.2	289.1	288.8	295.5
62.5°	270.8	274.0	277.9	279.8	282.4	282.0	281.4	281.7	283.2	282.0	287.5
63°	264.3	267.8	271.4	273.1	275.2	275.1	274.3	274.5	275.8	275.3	281.5
63.5°	258.3	261.5	265.1	265.8	268.5	267.8	267.8	267.6	269.0	268.7	274.5
64°	252.2	255.2	258.4	261.3	262.1	261.6	260.8	261.8	263.8	261.8	268.2
64.5°	246.1	249.1	252.4	256.1	255.4	255.1	254.2	255.8	255.7	255.7	262.2
65°	240.2	243.1	246.0	248.3	248.6	248.0	247.5	247.9	248.4	249.2	254.0
65.5°	234.4	236.9	239.8	241.6	242.0	241.5	241.8	241.2	242.7	242.4	247.7
66°	228.2	231.0	233.5	235.1	235.9	235.1	234.3	234.4	236.2	235.9	241.5



TEST NUMBER: P563523

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

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
67.5°	211.0	213.2	215.3	216.1	216.4	215.1	214.4	215.0	216.2	215.5	222.5
68°	205.5	207.5	209.2	210.9	210.2	209.0	208.1	208.3	209.8	210.4	216.1
68.5°	199.9	201.6	203.3	203.9	203.9	202.4	201.6	202.1	203.1	204.0	209.8
69°	194.3	195.9	197.5	197.9	197.6	196.1	195.1	195.5	196.6	197.1	203.8
69.5°	188.9	190.2	191.4	191.5	191.1	189.4	188.5	188.5	190.0	190.9	196.9
70°	183.4	184.8	185.5	185.7	185.5	183.6	182.1	182.5	183.5	184.3	190.9
70.5°	177.9	179.0	179.9	179.6	179.0	177.0	175.7	176.2	177.5	179.5	184.6
71°	172.4	173.7	174.1	174.1	172.8	171.0	169.8	169.6	171.7	172.5	178.2
71.5°	167.2	168.2	168.9	168.4	166.9	165.2	163.3	163.6	165.2	166.5	173.4
72°	162.1	162.8	163.2	162.6	160.8	158.5	157.3	157.3	159.0	160.4	166.5
72.5°	156.9	157.7	157.3	156.7	154.9	152.4	150.8	151.4	152.3	154.5	159.5
73°	151.8	152.1	152.4	151.1	149.0	146.5	144.7	145.5	146.4	148.8	154.4
73.5°	146.8	147.1	146.6	145.4	143.4	140.3	138.8	139.6	140.5	143.0	148.8
74°	141.7	141.8	141.5	139.8	137.4	134.1	132.5	133.7	134.6	137.3	143.2
74.5°	136.9	136.8	136.4	134.3	131.9	128.6	126.5	127.8	128.8	131.5	137.6
75°	132.2	131.9	130.8	129.0	126.2	122.7	120.5	121.7	123.3	125.8	132.0
75.5°	127.4	126.9	126.2	123.6	120.7	117.4	114.8	115.5	117.3	120.0	126.4
76°	122.5	122.0	121.9	118.4	115.1	111.3	109.0	109.5	111.4	114.8	120.7
76.5°	117.9	117.1	116.1	113.1	109.8	105.9	103.2	104.0	105.7	108.5	115.3
77°	113.2	112.4	110.9	108.1	104.5	100.4	97.6	98.2	100.4	103.0	109.8
77.5°	108.7	107.7	105.9	102.9	99.1	94.4	92.0	92.4	94.2	97.5	104.6
78°	104.2	103.1	101.3	97.8	94.0	89.6	86.6	86.8	89.1	92.2	99.6
78.5°	99.9	98.7	96.4	93.0	89.1	84.4	81.3	81.4	83.3	86.9	94.0
79°	95.6	94.1	91.7	88.3	83.9	79.3	76.0	76.0	78.1	81.7	89.4
79.5°	91.3	89.8	87.2	83.6	79.1	74.1	70.7	70.7	72.7	76.6	83.8
80°	87.3	85.5	82.7	78.8	74.2	69.2	65.6	65.3	67.7	71.6	78.2
80.5°	83.3	81.4	78.6	74.4	69.6	64.5	60.4	60.5	62.8	66.8	74.5
81°	79.4	77.3	74.3	70.1	65.1	60.7	56.0	55.7	58.0	62.1	69.4
81.5°	75.6	73.5	70.1	65.8	60.2	56.3	51.7	50.8	53.0	57.6	65.3
82°	71.9	69.7	66.4	61.5	56.3	51.8	47.3	46.0	48.5	53.0	60.3
82.5°	68.3	65.9	62.5	57.8	52.5	47.4	43.0	41.6	44.1	48.8	55.9
83°	64.8	62.4	59.1	54.2	48.6	42.9	38.7	37.4	39.7	44.3	51.7
83.5°	61.2	59.2	55.8	50.6	44.7	39.1	34.7	33.3	35.6	40.4	47.7
84°	58.3	56.1	52.4	47.0	41.0	35.2	30.8	29.4	31.8	36.5	43.9
84.5°	55.4	53.0	49.0	43.4	37.4	31.4	27.1	25.6	27.9	32.9	40.2
85°	52.6	49.8	45.7	40.1	34.0	27.8	23.4	22.0	24.4	29.3	36.5
85.5°	49.7	46.7	42.6	37.0	30.8	24.5	20.1	19.0	21.0	26.1	33.1
86°	46.8	43.8	39.6	33.9	27.7	21.4	16.8	16.0	18.2	22.7	29.9
86.5°	44.0	41.0	36.7	31.1	24.8	18.5	13.9	13.0	15.5	19.8	26.7
87°	41.3	38.3	33.9	28.4	22.2	15.9	11.2	10.0	12.7	17.4	23.9
87.5°	38.8	35.8	31.5	25.9	19.7	13.5	8.8	7.0	9.9	15.1	21.1
88°	36.3	33.3	28.9	23.5	17.4	11.3	6.5	4.8	7.2	12.7	18.8
88.5°	33.9	30.9	26.5	21.3	15.3	9.4	5.2	3.0	5.2	10.3	16.5



TEST NUMBER: P563523

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

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
90°	27.4	24.6	20.5	15.4	10.1	5.4	1.6	0.2	1.6	4.9	9.8
90.5°	25.6	22.7	18.6	13.7	8.7	4.4	1.1	0.2	1.1	3.8	8.2
91°	23.7	20.9	16.9	12.3	7.4	3.5	0.7	0.2	0.8	2.9	6.8
91.5°	22.0	19.1	15.3	10.9	6.3	2.6	0.5	0.2	0.6	2.3	5.6
92°	20.2	17.6	13.9	9.6	5.5	2.0	0.4	0.2	0.5	1.8	4.6
92.5°	18.7	16.0	12.5	8.4	4.8	1.6	0.3	0.2	0.5	1.6	3.9
93°	17.2	14.6	11.2	7.4	4.0	1.3	0.3	0.1	0.4	1.4	3.3
93.5°	15.8	13.3	10.1	6.5	3.3	1.1	0.2	0.1	0.4	1.3	2.9
94°	14.5	12.1	9.0	5.8	2.8	1.0	0.2	0.1	0.4	1.3	2.6
94.5°	13.3	11.1	8.1	5.2	2.4	0.9	0.2	0.2	0.4	1.2	2.5
95°	12.2	10.0	7.3	4.5	2.1	0.8	0.2	0.2	0.4	1.2	2.3
95.5°	11.1	9.1	6.5	3.9	1.9	0.7	0.3	0.2	0.4	1.2	2.2
96°	10.2	8.2	5.9	3.5	1.7	0.6	0.3	0.2	0.4	1.1	2.2
96.5°	9.3	7.4	5.3	3.1	1.6	0.5	0.3	0.3	0.4	1.1	2.1
97°	8.5	6.8	4.8	2.8	1.4	0.5	0.3	0.3	0.3	1.1	2.0
97.5°	7.8	6.2	4.2	2.6	1.3	0.5	0.3	0.3	0.3	1.1	2.0
98°	7.1	5.7	3.9	2.4	1.2	0.5	0.3	0.4	0.3	1.1	2.0
98.5°	6.5	5.2	3.6	2.3	1.1	0.5	0.3	0.4	0.3	1.1	2.0
99°	6.0	4.7	3.3	2.1	1.0	0.5	0.4	0.4	0.3	1.1	1.9
99.5°	5.6	4.3	3.1	1.9	0.9	0.5	0.4	0.5	0.4	1.0	1.9
100°	5.1	4.0	3.0	1.8	0.9	0.5	0.5	0.5	0.4	1.0	1.9
100.5°	4.7	3.8	2.8	1.7	0.8	0.5	0.5	0.5	0.4	1.0	1.9
101°	4.4	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	2.5	1.5	0.8	0.6	0.6	0.6	0.5	1.0	1.9
102°	4.0	3.3	2.4	1.4	0.8	0.7	0.7	0.7	0.6	1.0	1.9
102.5°	3.8	3.1	2.3	1.3	0.8	0.7	0.7	0.7	0.6	1.0	1.9
103°	3.7	3.0	2.1	1.3	0.8	0.7	0.7	0.8	0.7	1.0	1.9
103.5°	3.5	2.8	2.0	1.2	0.8	0.7	0.8	0.9	0.7	1.0	1.9
104°	3.3	2.7	1.9	1.2	0.9	0.8	0.8	0.9	0.8	1.0	1.9
104.5°	3.1	2.6	1.8	1.2	0.9	0.8	0.8	1.0	0.8	1.0	1.9
105°	3.0	2.4	1.7	1.1	0.9	0.9	0.9	1.0	0.9	1.0	1.9
105.5°	2.8	2.3	1.7	1.1	1.0	0.9	1.0	1.1	0.9	1.0	1.9
106°	2.7	2.2	1.6	1.1	1.0	0.9	1.1	1.1	1.0	1.0	1.9
106.5°	2.6	2.1	1.5	1.1	1.0	0.9	1.3	1.2	1.2	1.0	1.9
107°	2.4	2.0	1.5	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	1.5	1.3	1.4	1.0	1.8
108°	2.2	1.8	1.4	1.1	1.1	1.0	1.5	1.3	1.4	1.0	1.8
108.5°	2.1	1.7	1.3	1.2	1.1	1.0	1.4	1.4	1.4	1.1	1.7
109°	2.0	1.7	1.3	1.2	1.1	1.1	1.4	1.4	1.4	1.1	1.7
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°	1.9	1.5	1.3	1.2	1.1	1.1	1.5	1.4	1.4	1.2	1.6
110.5°	1.8	1.5	1.4	1.2	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: P563523

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

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
112.5°	1.5	1.5	1.5	1.3	1.3	1.3	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	1.4	1.4	1.5
113.5°	1.5	1.5	1.5	1.2	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	1.5	1.6	1.6	1.4	1.4	1.4
114.5°	1.5	1.6	1.5	1.1	1.3	1.5	1.6	1.7	1.4	1.5	1.3
115°	1.5	1.6	1.6	1.2	1.3	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	1.2
116°	1.6	1.6	1.6	1.2	1.4	1.5	1.7	1.7	1.5	1.5	1.2
116.5°	1.6	1.6	1.5	1.3	1.4	1.6	1.7	1.7	1.5	1.5	1.3
117°	1.7	1.6	1.4	1.3	1.4	1.7	1.7	1.6	1.4	1.6	1.3
117.5°	1.7	1.7	1.3	1.3	1.5	1.8	1.6	1.6	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	1.8	1.3	1.4	1.5	2.0	1.6	1.5	1.4	1.9	1.4
119°	1.7	1.7	1.3	1.4	1.5	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	1.4	2.1	1.4
120°	1.8	1.4	1.4	1.5	1.6	1.9	1.7	1.6	1.5	1.9	1.4
120.5°	1.8	1.4	1.4	1.5	1.6	1.9	1.7	1.6	1.5	1.8	1.5
121°	1.8	1.4	1.4	1.5	1.7	1.8	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	1.5	1.9	1.5
122°	1.5	1.4	1.5	1.6	1.7	1.8	1.8	1.6	1.6	1.9	1.5
122.5°	1.4	1.4	1.5	1.6	1.8	1.8	1.8	1.6	1.6	1.8	1.6
123°	1.4	1.4	1.6	1.6	1.8	1.8	1.8	1.6	1.6	1.8	1.6
123.5°	1.4	1.5	1.6	1.7	1.8	1.9	1.8	1.6	1.6	1.9	1.6
124°	1.4	1.5	1.6	1.7	1.9	1.9	1.9	1.6	1.6	1.9	1.7
124.5°	1.4	1.5	1.6	1.7	1.9	1.9	1.9	1.6	1.6	1.9	1.7
125°	1.4	1.6	1.7	1.8	2.0	1.9	1.9	1.7	1.6	1.9	1.7
125.5°	1.5	1.6	1.7	1.8	2.1	1.9	1.9	1.7	1.6	2.0	1.8
126°	1.5	1.6	1.7	1.8	2.2	1.9	1.9	1.7	1.7	2.0	1.8
126.5°	1.5	1.6	1.8	1.8	2.3	1.9	1.9	1.7	1.7	2.0	1.9
127°	1.6	1.7	1.8	1.9	2.3	1.9	1.9	1.7	1.7	1.9	1.9
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°	1.6	1.7	1.8	1.9	2.4	1.9	2.0	1.7	1.7	1.9	2.2
128.5°	1.7	1.7	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	2.0	2.3	1.9	2.0	1.7	1.7	1.9	2.3
130°	1.7	1.8	1.9	2.1	2.3	1.8	2.0	1.7	1.7	1.9	2.2
130.5°	1.8	1.8	2.0	2.1	2.3	1.8	2.0	1.8	1.7	1.8	2.1
131°	1.8	1.9	2.0	2.1	2.2	1.8	2.0	1.8	1.7	1.8	2.2
131.5°	1.8	1.9	2.0	2.2	2.2	1.8	2.0	1.8	1.8	1.8	2.2
132°	1.8	1.9	2.0	2.3	2.2	1.8	2.0	1.8	1.8	1.8	2.2
132.5°	1.9	1.9	2.1	2.4	2.2	1.8	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	2.7	2.2	1.9	2.0	1.8	1.8	1.8	2.1



TEST NUMBER: P563523

CATALOG NUMBER: 2NWS23C3-NUV-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	2.2	1.9	2.0	1.8	1.8	1.9	2.2
135.5°	2.0	2.1	2.2	3.0	2.3	1.9	2.1	1.8	1.8	1.9	2.3
136°	2.0	2.1	2.3	2.9	2.3	2.0	2.1	1.8	1.8	1.9	2.3
136.5°	2.1	2.1	2.4	2.8	2.3	2.0	2.1	1.9	1.8	1.9	2.3
137°	2.1	2.2	2.4	2.7	2.3	2.0	2.1	1.9	1.9	2.0	2.3
137.5°	2.1	2.2	2.6	2.6	2.3	2.0	2.1	1.9	1.9	2.0	2.3
138°	2.1	2.2	2.7	2.6	2.3	2.1	2.1	1.9	1.9	2.0	2.3
138.5°	2.2	2.3	2.9	2.5	2.2	2.1	2.2	1.9	1.9	2.0	2.2
139°	2.2	2.3	3.0	2.5	2.2	2.2	2.2	1.9	1.9	2.1	2.2
139.5°	2.2	2.4	3.2	2.5	2.1	2.2	2.2	1.9	1.9	2.1	2.2
140°	2.2	2.4	3.2	2.6	2.1	2.2	2.2	1.9	1.9	2.1	2.2
140.5°	2.3	2.5	3.1	2.6	2.0	2.2	2.2	1.9	1.9	2.1	2.2
141°	2.3	2.7	3.0	2.6	2.0	2.2	2.2	2.0	1.9	2.2	2.2
141.5°	2.4	2.8	2.9	2.6	2.0	2.2	2.2	2.0	2.0	2.2	2.1
142°	2.4	3.0	2.8	2.6	2.0	2.2	2.2	2.0	2.0	2.2	2.1
142.5°	2.5	3.1	2.7	2.6	2.0	2.3	2.2	2.0	2.0	2.2	2.1
143°	2.6	3.2	2.7	2.6	2.0	2.3	2.2	2.0	2.0	2.2	2.1
143.5°	2.8	3.2	2.6	2.6	2.0	2.3	2.1	2.0	2.0	2.3	2.1
144°	3.0	3.1	2.6	2.5	2.0	2.3	2.1	2.0	2.0	2.3	2.1
144.5°	3.1	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	2.6	2.4	2.0	2.3	2.1	2.0	2.0	2.3	2.1
145.5°	3.3	2.8	2.7	2.3	2.0	2.3	2.1	2.0	2.0	2.3	2.1
146°	3.2	2.7	2.7	2.3	2.1	2.3	2.1	2.0	2.0	2.3	2.1
146.5°	3.1	2.7	2.7	2.2	2.1	2.3	2.1	2.0	2.0	2.3	2.2
147°	3.0	2.6	2.7	2.1	2.1	2.4	2.1	2.0	2.0	2.3	2.2
147.5°	2.8	2.6	2.6	2.1	2.1	2.3	2.1	2.0	2.0	2.4	2.2
148°	2.7	2.7	2.6	2.0	2.1	2.3	2.1	2.1	2.0	2.4	2.2
148.5°	2.7	2.7	2.5	2.0	2.1	2.3	2.1	2.1	2.0	2.4	2.2
149°	2.7	2.7	2.5	2.0	2.2	2.3	2.1	2.1	2.0	2.4	2.3
149.5°	2.6	2.7	2.4	2.0	2.2	2.3	2.1	2.1	2.0	2.3	2.2
150°	2.7	2.7	2.3	2.0	2.2	2.3	2.1	2.1	2.0	2.3	2.3
150.5°	2.7	2.6	2.2	2.0	2.2	2.3	2.0	2.1	2.0	2.4	2.3
151°	2.7	2.6	2.1	2.0	2.2	2.3	2.0	2.0	2.0	2.4	2.4
151.5°	2.7	2.5	2.1	2.0	2.2	2.3	2.1	2.1	2.0	2.4	2.4
152°	2.7	2.4	2.0	2.0	2.2	2.3	2.1	2.1	1.9	2.4	2.4
152.5°	2.6	2.4	1.9	2.0	2.3	2.3	2.1	2.0	1.9	2.4	2.4
153°	2.6	2.3	1.9	2.0	2.3	2.3	2.1	2.0	1.9	2.4	2.4
153.5°	2.5	2.2	1.9	2.1	2.3	2.3	2.0	2.0	1.9	2.4	2.4
154°	2.4	2.1	1.9	2.1	2.3	2.3	2.1	2.0	1.9	2.4	2.4
154.5°	2.3	2.0	1.9	2.1	2.3	2.3	2.1	2.0	1.9	2.3	2.4
155°	2.2	1.9	1.9	2.1	2.3	2.2	2.1	2.0	1.9	2.3	2.4
155.5°	2.1	1.9	1.9	2.1	2.3	2.2	2.1	2.0	1.9	2.3	2.4
156°	2.0	1.9	2.0	2.2	2.3	2.2	2.0	2.0	1.9	2.3	2.4



TEST NUMBER: P563523

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

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	2.3	2.1	1.9	1.8	2.2	2.3
158°	1.9	1.9	2.1	2.2	2.3	2.3	2.1	1.9	1.7	2.0	2.3
158.5°	1.9	2.0	2.1	2.2	2.3	2.2	2.1	1.9	1.6	1.9	2.3
159°	1.9	2.0	2.1	2.3	2.3	2.2	2.1	1.9	1.6	1.9	2.4
159.5°	1.9	2.0	2.2	2.3	2.3	2.2	2.1	2.0	1.7	2.0	2.3
160°	2.0	2.1	2.2	2.3	2.3	2.2	2.0	1.9	1.8	2.1	2.0
160.5°	2.0	2.1	2.2	2.3	2.3	2.1	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	2.1
161.5°	2.0	2.1	2.2	2.3	2.2	2.0	1.6	1.8	1.8	2.1	2.3
162°	2.1	2.2	2.2	2.3	2.2	2.0	1.7	1.8	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°	2.1	2.2	2.3	2.2	2.2	1.8	1.9	1.8	1.8	2.0	2.3
163.5°	2.2	2.2	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	2.2	2.0	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	1.9	1.7	1.7	2.0	2.3
165°	2.2	2.3	2.3	2.3	1.9	2.0	1.9	1.8	1.8	2.0	2.2
165.5°	2.2	2.3	2.2	2.3	2.0	2.0	1.8	1.8	1.7	1.9	2.2
166°	2.3	2.3	2.2	2.1	2.1	2.0	1.7	1.7	1.5	1.8	2.2
166.5°	2.3	2.3	2.3	1.8	2.1	2.0	1.7	1.5	1.4	1.8	2.2
167°	2.3	2.3	2.3	1.9	2.1	1.9	1.6	1.4	1.4	1.8	2.1
167.5°	2.3	2.3	2.3	2.1	2.0	1.8	1.4	1.5	1.5	1.5	1.9
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	2.1	2.3	2.1	1.9	1.4	1.4	1.5	1.5	1.5	1.5
169°	2.3	2.2	2.1	2.0	1.7	1.4	1.4	1.5	1.5	1.5	1.5
169.5°	2.3	2.2	1.8	1.9	1.5	1.4	1.4	1.5	1.5	1.5	1.5
170°	2.3	2.2	1.6	1.7	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	2.0	1.9	1.5	1.4	1.4	1.4	1.5	1.5	1.5	1.5
171.5°	2.0	2.0	1.6	1.4	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	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.5	1.5
173°	2.0	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5
173.5°	2.0	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5
174°	1.9	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5
174.5°	1.7	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5
175°	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5
175.5°	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5
176°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5
176.5°	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5
177°	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
177.5°	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
178°	1.4	1.5	1.5	1.5	1.5	1.6	1.6	1.8	1.7	1.6	1.6
178.5°	1.4	1.5	1.6	1.5	1.7	1.9	2.0	2.0	2.0	1.9	1.8



TEST NUMBER: P563523

CATALOG NUMBER: 2NWS23C3-NUV-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: P563523

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

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
0°	918.1	918.1	918.1	918.1	918.1	918.1	918.1	918.1	918.1	918.1	918.1
0.5°	919.3	917.7	918.0	922.6	919.5	918.4	917.2	917.8	919.6	919.2	917.8
1°	921.8	917.1	918.0	919.3	919.9	919.7	916.7	917.0	918.6	917.1	917.8
1.5°	917.6	917.7	917.1	918.8	919.1	917.3	917.4	918.4	918.5	919.3	917.5
2°	916.4	916.8	917.2	918.9	919.2	921.7	916.7	915.9	919.2	919.2	919.6
2.5°	916.4	916.3	916.3	921.0	918.4	918.3	917.0	917.0	918.7	920.9	917.7
3°	915.5	915.9	915.9	917.4	917.4	917.7	915.1	916.6	918.7	919.5	917.0
3.5°	914.4	915.2	915.2	915.7	916.7	916.1	916.4	915.7	917.3	918.0	915.7
4°	913.8	913.7	914.8	917.2	915.7	915.9	915.3	915.2	916.8	916.2	916.4
4.5°	912.3	912.7	913.4	917.6	916.6	916.3	915.0	914.6	916.1	916.4	915.3
5°	910.8	912.3	912.7	914.2	915.2	912.6	913.7	913.6	915.7	915.8	914.2
5.5°	910.0	910.6	911.0	917.9	913.3	915.3	911.6	912.9	914.3	915.5	913.8
6°	908.7	909.2	909.7	912.5	911.9	911.0	912.4	912.0	913.6	914.1	913.9
6.5°	907.7	907.7	908.6	909.7	910.7	909.4	910.7	910.8	912.0	913.2	912.0
7°	905.8	906.2	907.6	909.2	908.9	909.7	908.7	908.7	911.7	912.5	911.0
7.5°	904.0	905.1	905.5	906.9	907.9	910.4	908.2	907.9	909.6	910.2	909.2
8°	902.7	903.4	903.9	906.5	906.2	906.3	904.3	906.2	908.7	909.3	908.2
8.5°	901.2	900.9	902.2	903.9	904.9	901.3	903.6	904.4	906.9	907.4	906.2
9°	898.5	899.1	900.0	901.5	901.1	903.5	900.7	903.1	905.6	905.8	904.8
9.5°	896.4	897.3	897.8	900.7	900.0	902.4	899.8	901.1	903.7	905.5	903.5
10°	894.9	895.4	895.3	898.8	898.5	898.4	898.6	899.7	901.4	906.5	902.0
10.5°	892.3	892.3	894.0	896.4	896.3	896.1	896.6	897.0	899.8	902.4	899.7
11°	889.7	890.4	891.7	895.4	896.4	893.9	895.8	894.9	897.4	916.4	897.2
11.5°	887.0	888.0	888.9	894.1	891.9	891.2	893.4	892.7	895.5	895.5	893.9
12°	884.2	885.4	886.3	888.4	889.7	888.9	890.3	890.8	893.2	893.4	892.8
12.5°	882.2	883.0	884.5	884.8	886.5	885.4	887.4	888.9	890.1	891.3	890.4
13°	879.2	880.4	881.7	883.8	883.3	887.7	886.1	885.6	887.9	888.8	889.9
13.5°	876.6	877.1	878.0	888.8	883.2	878.4	880.7	884.3	885.2	886.5	885.5
14°	872.8	874.3	875.1	877.6	878.8	876.2	879.5	880.3	882.2	883.5	883.1
14.5°	870.1	871.4	871.7	874.8	876.2	878.0	875.4	876.6	879.9	880.3	880.3
15°	867.5	868.6	869.1	871.6	877.1	877.9	872.9	874.7	877.0	878.3	877.3
15.5°	864.4	864.5	865.7	866.4	867.9	869.9	869.5	871.6	874.0	874.6	874.9
16°	860.1	861.2	862.6	868.2	864.6	868.6	866.7	868.0	870.5	872.2	870.8
16.5°	857.4	857.9	858.7	861.3	861.4	865.7	863.2	865.4	867.0	868.5	867.3
17°	854.0	854.7	855.6	858.9	858.8	860.2	860.1	861.4	863.2	865.4	864.4
17.5°	850.0	850.8	851.6	856.3	854.9	854.5	856.3	856.8	860.4	861.3	862.1
18°	846.0	846.9	848.5	848.9	850.8	853.1	853.2	853.8	856.5	858.2	858.9
18.5°	842.2	843.5	844.3	847.3	848.9	848.6	848.8	850.2	852.8	855.0	854.5
19°	838.1	839.4	840.5	845.5	843.8	842.2	844.2	847.8	848.7	850.5	850.8
19.5°	835.1	834.9	836.4	837.6	838.9	840.4	841.6	837.8	845.2	846.7	847.8
20°	830.0	831.0	832.2	835.0	834.3	836.3	836.5	836.7	841.2	843.3	843.5
20.5°	825.7	827.1	827.7	830.6	831.5	831.3	832.4	834.7	837.0	839.3	839.2
21°	820.9	822.2	823.5	826.4	824.1	825.4	827.4	831.7	831.5	834.7	835.0



TEST NUMBER: P563523

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

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
22.5°	807.9	808.7	809.8	809.6	812.6	813.4	814.4	815.4	820.7	821.4	822.6
23°	803.4	804.2	805.3	804.4	806.9	809.0	809.8	810.7	815.1	817.2	817.1
23.5°	798.5	799.4	800.0	803.0	801.9	804.5	804.8	806.9	810.5	812.9	813.4
24°	793.5	794.6	795.4	798.5	799.3	799.2	800.6	802.6	805.7	808.2	808.7
24.5°	788.3	789.4	790.1	796.2	792.4	789.8	795.3	798.0	801.1	802.9	804.3
25°	783.3	784.1	785.0	787.0	786.2	790.5	790.2	792.8	795.5	798.4	798.9
25.5°	778.0	779.3	779.8	780.9	783.4	784.0	784.4	786.9	790.9	793.6	795.0
26°	773.4	774.1	774.9	775.7	777.6	777.6	780.0	782.1	784.5	788.4	788.5
26.5°	768.2	768.8	768.8	770.8	771.5	772.6	775.6	775.5	780.5	782.9	784.6
27°	762.4	763.1	764.1	766.4	765.9	766.4	768.3	771.1	768.7	777.9	778.4
27.5°	757.4	757.2	757.9	760.7	760.6	761.1	764.7	765.6	769.9	772.2	774.4
28°	751.1	751.6	752.5	753.1	753.2	755.2	756.4	761.3	763.8	766.9	768.6
28.5°	746.0	746.1	747.2	746.8	748.6	752.7	749.8	753.3	758.1	762.4	762.4
29°	739.9	740.8	741.5	746.2	742.3	744.0	743.5	751.1	753.6	756.7	757.5
29.5°	734.2	734.6	735.4	736.1	737.8	737.7	740.5	743.1	747.0	750.7	751.1
30°	728.6	728.7	729.1	731.6	730.6	731.6	733.7	732.6	741.0	744.9	746.1
30.5°	722.4	722.8	723.1	724.8	724.5	724.1	727.5	730.9	735.4	738.7	740.3
31°	716.2	716.9	717.3	717.7	718.4	719.0	719.4	726.4	729.2	733.1	737.7
31.5°	710.8	711.0	710.8	712.0	710.9	714.7	714.2	716.2	722.7	726.5	728.7
32°	704.5	704.9	704.9	706.9	706.4	705.8	707.9	713.8	717.2	721.2	722.8
32.5°	698.7	698.3	698.4	699.2	698.9	700.2	702.1	705.3	710.7	715.3	717.3
33°	692.1	692.4	692.2	691.7	692.3	690.5	695.1	700.3	704.3	708.8	710.7
33.5°	685.9	685.6	685.1	685.6	686.6	682.2	688.4	691.6	697.9	702.5	704.4
34°	679.4	678.9	678.7	679.6	679.3	686.4	681.1	686.7	691.7	695.7	697.7
34.5°	673.5	673.2	672.6	673.3	671.7	671.6	675.4	680.1	685.1	689.4	691.4
35°	666.7	666.2	665.7	666.7	665.4	661.5	669.2	671.1	678.3	683.0	686.0
35.5°	660.3	659.7	658.8	659.8	658.7	661.0	662.3	666.0	672.0	676.5	679.2
36°	653.5	653.0	652.2	654.3	652.2	654.3	654.4	657.7	665.1	670.1	673.3
36.5°	648.0	646.9	645.8	645.9	644.4	643.7	649.4	652.1	658.4	663.9	666.4
37°	640.4	640.2	638.6	637.4	636.5	638.1	639.8	645.7	651.2	657.0	659.8
37.5°	633.5	632.8	631.4	631.5	631.5	631.0	634.0	638.3	644.1	650.1	654.1
38°	626.7	626.0	624.9	625.0	622.9	622.4	626.2	631.8	637.6	643.0	645.3
38.5°	620.1	619.2	617.9	617.8	616.3	616.4	619.3	624.5	630.8	636.2	639.3
39°	613.4	612.1	610.8	612.5	608.5	608.0	611.5	617.4	623.7	629.5	633.0
39.5°	606.7	605.6	603.6	602.4	601.8	605.1	603.9	610.4	616.6	622.3	626.0
40°	599.4	598.1	596.3	595.3	594.6	595.1	596.5	603.0	609.4	615.8	618.2
40.5°	592.6	591.6	589.4	588.6	586.5	588.2	589.4	595.1	601.9	608.1	611.9
41°	585.7	584.2	581.9	580.7	584.3	580.7	582.7	587.5	595.0	601.6	605.6
41.5°	579.1	577.1	575.1	579.6	572.7	572.2	575.9	579.9	588.2	594.1	598.6
42°	571.8	570.4	568.0	566.3	563.9	565.6	567.9	572.8	581.0	587.0	590.9
42.5°	564.5	562.8	560.7	558.4	556.9	559.0	560.3	565.6	573.7	579.7	584.0
43°	557.5	555.9	553.4	550.6	550.6	549.8	553.3	558.4	565.9	572.7	577.8
43.5°	550.8	548.8	546.1	544.5	542.4	542.0	545.8	550.2	558.4	565.3	569.9



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

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
45°	529.3	527.0	523.9	523.6	521.0	520.3	523.4	530.4	537.2	543.7	548.2
45.5°	522.0	519.7	517.0	515.0	512.6	513.0	515.3	520.4	529.6	536.7	541.9
46°	515.2	512.6	509.7	507.0	505.7	505.7	507.4	516.6	522.1	529.5	533.8
46.5°	507.7	505.0	502.5	501.4	498.5	498.1	501.0	508.0	514.7	522.2	526.6
47°	500.6	498.1	494.8	492.4	488.7	490.8	493.3	501.4	507.3	514.7	519.3
47.5°	493.7	490.9	487.8	484.2	483.7	483.4	485.9	493.1	500.0	507.3	512.3
48°	486.2	483.9	480.3	478.4	475.9	475.9	479.0	483.8	492.6	499.8	505.2
48.5°	479.1	476.5	473.2	470.0	467.8	468.5	471.4	476.0	485.2	492.8	499.4
49°	471.7	469.6	465.7	463.8	458.1	461.4	463.6	470.2	477.9	485.2	490.2
49.5°	464.8	462.1	458.6	456.0	454.0	453.8	456.1	460.7	470.7	478.3	484.2
50°	457.4	454.8	451.4	448.7	446.2	446.7	449.3	455.0	463.4	470.7	474.0
50.5°	450.3	447.6	444.3	441.5	438.4	439.2	441.6	448.7	456.0	463.2	468.1
51°	443.4	440.3	437.1	434.4	432.1	432.1	434.5	438.9	448.8	456.1	461.2
51.5°	436.6	433.2	429.7	426.8	424.5	424.7	427.6	433.2	441.2	448.6	454.4
52°	428.8	426.3	422.7	420.2	417.4	417.8	420.3	424.3	434.2	441.8	447.2
52.5°	421.8	418.9	415.3	412.7	410.1	410.6	413.2	417.7	426.6	434.2	439.6
53°	413.9	411.9	408.5	405.9	403.0	403.6	405.9	412.2	419.9	427.2	432.1
53.5°	394.4	404.7	401.5	397.6	395.6	396.3	398.8	404.2	412.1	419.8	425.2
54°	400.5	397.9	394.3	389.7	388.9	389.7	392.0	398.2	405.4	412.7	418.1
54.5°	393.0	390.7	387.3	385.9	382.4	382.6	385.2	391.7	398.2	405.4	410.6
55°	386.0	383.9	380.2	377.9	374.6	375.9	378.0	382.7	391.0	398.4	403.9
55.5°	380.0	377.0	373.5	370.7	367.4	368.7	371.1	377.3	384.1	391.4	396.9
56°	371.7	370.0	366.4	363.3	361.4	361.6	364.5	369.9	376.9	384.5	389.3
56.5°	365.7	363.0	359.8	356.7	355.1	355.1	357.7	363.2	370.2	377.2	382.4
57°	358.4	356.2	352.8	351.2	349.6	348.1	350.6	356.4	363.1	370.5	375.1
57.5°	353.0	349.0	345.9	343.3	341.7	341.7	344.4	349.5	356.3	363.3	368.2
58°	345.3	342.5	339.3	336.6	336.0	334.7	337.6	342.5	349.6	356.2	361.3
58.5°	338.4	335.9	332.7	330.2	330.2	328.5	330.9	335.8	342.5	349.4	354.3
59°	331.4	329.0	326.0	322.8	317.2	321.7	324.4	329.5	336.0	342.6	347.3
59.5°	324.6	322.2	319.6	317.0	314.5	315.3	318.3	322.7	329.3	335.7	340.4
60°	317.7	315.3	312.8	310.8	308.7	308.8	311.3	315.9	322.7	328.8	333.0
60.5°	313.1	309.1	306.6	303.9	302.1	302.4	305.2	309.9	316.2	322.0	326.5
61°	304.0	302.4	299.9	297.4	296.0	296.2	298.6	303.3	309.5	315.8	319.4
61.5°	299.8	296.0	293.5	291.7	289.5	290.0	292.1	297.1	302.8	308.7	313.0
62°	291.1	289.2	286.7	284.6	283.3	283.9	286.2	290.4	296.1	302.2	306.1
62.5°	284.4	282.7	280.5	278.9	278.1	277.5	279.8	284.0	289.7	295.3	299.0
63°	278.3	276.3	274.4	272.2	270.7	271.7	273.7	277.6	283.5	288.9	292.2
63.5°	271.4	270.0	268.2	265.9	265.1	265.2	267.5	271.4	277.1	282.5	286.0
64°	265.2	263.8	261.9	260.1	259.0	259.5	261.5	265.3	270.5	275.8	279.1
64.5°	258.3	257.4	255.8	253.9	253.5	253.5	255.7	259.2	264.3	269.4	272.5
65°	252.1	251.1	249.6	248.4	247.5	247.8	249.6	253.5	258.4	263.2	266.1
65.5°	246.0	244.8	243.5	242.6	241.3	241.5	243.4	247.3	252.3	256.5	259.4
66°	239.6	238.7	237.3	236.0	235.2	236.0	237.6	241.4	245.9	250.1	253.1



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

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
67.5°	221.0	220.3	219.6	219.0	218.8	219.1	220.6	223.7	227.9	231.6	233.1
68°	215.2	214.5	213.9	213.8	212.9	213.3	214.9	217.9	222.0	225.5	227.5
68.5°	208.4	208.6	208.4	207.5	207.2	207.7	209.3	212.4	216.1	219.3	220.8
69°	202.4	202.6	202.2	201.9	201.6	202.3	203.8	206.7	210.3	213.2	214.3
69.5°	196.2	196.7	196.6	196.4	196.5	196.9	198.5	201.1	204.6	207.4	208.2
70°	191.2	191.0	191.1	190.8	190.7	191.4	192.9	195.6	198.7	201.3	202.4
70.5°	184.0	185.4	185.6	185.4	185.1	186.1	188.0	190.3	193.1	195.4	195.9
71°	178.0	179.6	180.0	180.3	180.4	181.1	182.5	184.5	187.4	189.6	190.5
71.5°	172.9	173.9	174.5	174.7	175.2	175.7	177.4	179.3	182.1	183.8	184.1
72°	167.1	168.2	169.0	169.4	169.8	170.6	171.9	174.0	176.3	178.0	178.5
72.5°	161.1	162.8	163.8	164.6	164.8	165.4	166.7	168.6	171.0	172.5	172.4
73°	155.3	157.3	158.5	159.4	159.3	160.4	161.9	163.4	165.5	166.7	166.8
73.5°	150.2	152.0	153.3	154.2	154.9	155.4	156.6	158.3	160.3	161.2	160.5
74°	144.9	147.0	148.4	149.1	150.3	150.6	151.5	153.3	154.9	155.8	155.1
74.5°	139.7	142.1	143.5	144.4	145.6	146.0	146.9	148.2	149.6	150.3	149.7
75°	134.4	137.2	138.6	139.7	140.9	141.3	142.2	143.5	144.7	145.1	144.3
75.5°	129.1	132.3	133.7	135.0	136.1	136.7	137.6	138.9	139.8	140.0	138.8
76°	118.7	127.3	128.8	130.2	131.4	132.1	132.9	134.3	134.9	134.8	133.4
76.5°	118.9	121.5	123.7	125.3	126.6	127.4	128.3	129.6	130.0	129.7	127.9
77°	112.6	116.7	119.0	121.1	121.8	123.0	123.8	124.6	125.1	124.7	122.5
77.5°	108.1	111.2	114.2	116.6	117.4	118.4	119.3	119.9	120.2	119.5	117.0
78°	103.1	105.9	109.5	111.8	113.0	114.0	114.6	114.9	115.3	114.2	111.7
78.5°	98.0	101.8	104.9	107.3	108.6	109.5	110.3	110.7	110.7	109.4	106.7
79°	92.9	98.1	100.4	102.7	104.1	105.3	105.9	106.2	105.7	104.5	101.5
79.5°	88.1	92.3	96.0	98.5	100.0	101.0	101.6	101.9	101.3	99.6	96.2
80°	83.3	88.3	91.6	94.2	96.6	96.9	97.5	97.5	96.8	95.0	91.6
80.5°	79.4	83.5	87.4	90.2	91.9	92.9	93.3	93.3	92.4	90.4	86.5
81°	74.2	79.0	83.2	86.3	87.9	88.9	89.3	89.1	88.1	85.7	82.1
81.5°	69.9	75.0	79.1	82.0	83.8	85.0	85.3	84.9	83.8	81.3	77.1
82°	65.8	72.0	75.2	78.2	80.3	81.1	81.5	81.0	79.7	77.0	72.7
82.5°	61.7	66.8	71.2	74.6	76.1	77.3	77.5	77.2	75.6	72.9	68.2
83°	57.6	63.0	67.3	70.7	72.4	73.6	73.9	73.3	71.8	68.6	63.9
83.5°	53.7	59.2	63.7	66.9	69.0	70.0	70.3	69.5	67.7	64.6	59.8
84°	50.5	55.5	60.1	63.4	65.7	66.5	66.8	66.0	64.1	60.7	55.8
84.5°	46.4	52.1	56.5	59.9	61.5	63.0	63.1	62.3	60.3	57.0	51.8
85°	42.9	48.5	53.1	56.5	58.5	59.6	59.7	58.8	56.7	53.2	48.0
85.5°	39.5	45.0	49.7	53.1	55.3	56.4	56.4	55.4	53.3	49.7	44.4
86°	36.1	41.9	46.5	50.1	52.1	53.2	53.2	52.1	49.8	46.1	40.9
86.5°	33.0	38.6	43.3	46.8	49.0	50.1	49.9	49.2	46.6	42.8	37.8
87°	30.0	35.7	40.4	44.0	46.0	47.1	47.0	45.9	43.4	39.6	34.3
87.5°	27.2	32.8	37.5	40.9	43.2	44.2	44.0	42.8	40.4	36.5	31.1
88°	24.4	30.0	34.6	38.1	40.3	41.3	41.2	39.9	37.4	33.4	28.2
88.5°	21.8	27.4	31.9	35.4	37.6	38.5	38.5	37.2	34.6	30.6	25.4



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CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
90°	15.6	20.2	24.6	28.0	30.0	30.9	30.7	29.3	26.8	22.9	18.3
90.5°	13.7	18.2	22.4	25.6	27.7	28.6	28.4	27.1	24.4	20.6	16.4
91°	11.8	16.5	20.2	23.4	25.5	26.3	26.1	24.8	22.2	18.4	14.5
91.5°	9.9	14.8	18.3	21.4	23.4	24.2	24.0	22.6	20.1	16.8	12.6
92°	8.5	13.2	16.7	19.5	21.4	22.1	21.9	20.6	18.1	15.1	10.7
92.5°	7.3	11.5	15.2	17.7	19.5	20.3	20.0	18.7	16.6	13.4	8.9
93°	6.3	9.8	13.6	16.2	17.8	18.5	18.3	17.0	15.0	11.7	7.7
93.5°	5.5	8.6	12.0	14.8	16.4	16.9	16.7	15.6	13.5	10.0	6.7
94°	4.8	7.6	10.5	13.4	15.0	15.6	15.4	14.3	12.0	8.8	5.8
94.5°	4.3	6.7	9.4	12.0	13.6	14.3	14.0	12.9	10.4	7.8	5.1
95°	3.9	6.0	8.4	10.5	12.2	13.0	12.7	11.5	9.4	6.9	4.5
95.5°	3.6	5.4	7.6	9.5	10.8	11.6	11.4	10.1	8.4	6.2	4.1
96°	3.4	5.0	6.9	8.7	9.8	10.4	10.2	9.2	7.6	5.6	3.8
96.5°	3.3	4.6	6.3	7.9	9.0	9.5	9.3	8.4	6.9	5.2	3.6
97°	3.1	4.4	5.8	7.3	8.3	8.7	8.5	7.7	6.4	4.8	3.5
97.5°	3.1	4.3	5.5	6.7	7.6	8.0	7.8	7.1	5.9	4.6	3.3
98°	3.0	4.1	5.3	6.3	7.1	7.4	7.3	6.6	5.6	4.4	3.2
98.5°	2.9	4.0	5.1	6.0	6.7	7.0	6.8	6.2	5.3	4.3	3.2
99°	2.9	3.9	4.9	5.8	6.4	6.6	6.5	6.0	5.2	4.2	3.1
99.5°	2.8	3.9	4.8	5.6	6.2	6.4	6.2	5.8	5.0	4.1	3.0
100°	2.8	3.8	4.7	5.5	6.0	6.2	6.1	5.6	4.9	4.0	3.0
100.5°	2.8	3.7	4.6	5.4	5.9	6.0	5.9	5.5	4.8	3.9	2.9
101°	2.7	3.7	4.5	5.3	5.8	5.9	5.8	5.4	4.7	3.8	2.9
101.5°	2.7	3.6	4.4	5.2	5.6	5.8	5.7	5.3	4.6	3.8	2.8
102°	2.7	3.5	4.4	5.1	5.5	5.7	5.6	5.2	4.5	3.7	2.8
102.5°	2.6	3.5	4.3	5.0	5.4	5.6	5.5	5.1	4.4	3.6	2.8
103°	2.6	3.5	4.2	4.9	5.3	5.5	5.4	5.0	4.4	3.6	2.7
103.5°	2.6	3.4	4.2	4.8	5.2	5.4	5.3	4.9	4.3	3.6	2.7
104°	2.6	3.4	4.1	4.7	5.1	5.3	5.2	4.8	4.2	3.5	2.6
104.5°	2.6	3.4	4.1	4.7	5.1	5.2	5.1	4.7	4.2	3.5	2.6
105°	2.6	3.3	4.0	4.6	5.0	5.1	5.0	4.7	4.1	3.5	2.6
105.5°	2.6	3.3	4.0	4.5	4.9	5.0	4.9	4.6	4.1	3.4	2.5
106°	2.5	3.2	4.0	4.5	4.9	5.0	4.9	4.6	4.1	3.3	2.5
106.5°	2.5	3.2	3.9	4.5	4.8	4.9	4.8	4.5	4.0	3.3	2.5
107°	2.5	3.2	3.9	4.4	4.7	4.9	4.8	4.5	4.0	3.2	2.5
107.5°	2.5	3.1	3.8	4.4	4.7	4.8	4.7	4.4	3.9	3.2	2.5
108°	2.5	3.1	3.8	4.3	4.7	4.8	4.7	4.4	3.8	3.2	2.5
108.5°	2.5	3.1	3.7	4.3	4.6	4.7	4.6	4.3	3.8	3.2	2.4
109°	2.5	3.1	3.7	4.2	4.6	4.7	4.6	4.2	3.7	3.1	2.4
109.5°	2.5	3.1	3.6	4.2	4.5	4.6	4.5	4.2	3.7	3.1	2.4
110°	2.5	3.1	3.6	4.1	4.4	4.5	4.5	4.1	3.7	3.1	2.3
110.5°	2.4	3.1	3.6	4.1	4.4	4.5	4.4	4.1	3.6	3.1	2.3
111°	2.4	3.1	3.6	4.0	4.3	4.4	4.3	4.0	3.6	3.0	2.3



TEST NUMBER: P563523

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

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P563523

CATALOG NUMBER: 2NWS23C3-NUV-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	1.5	1.6	1.8	1.9
135.5°	2.5	1.9	1.8	1.6	1.5	1.5	1.5	1.6	1.7	1.8	2.1
136°	2.6	1.9	1.8	1.7	1.6	1.5	1.6	1.6	1.7	1.9	2.2
136.5°	2.5	2.0	1.8	1.7	1.6	1.6	1.6	1.6	1.7	1.9	2.3
137°	2.4	2.0	1.8	1.7	1.6	1.6	1.6	1.7	1.8	1.9	2.3
137.5°	2.3	2.0	1.9	1.8	1.7	1.6	1.6	1.7	1.8	2.0	2.1
138°	2.3	2.1	1.9	1.8	1.7	1.7	1.7	1.7	1.8	2.0	2.0
138.5°	2.4	2.1	1.9	1.8	1.7	1.7	1.7	1.8	1.9	2.0	2.0
139°	2.4	2.2	2.0	1.8	1.8	1.7	1.7	1.8	1.9	2.1	2.1
139.5°	2.3	2.3	2.0	1.9	1.8	1.8	1.8	1.8	1.9	2.1	2.1
140°	2.3	2.5	2.0	1.9	1.8	1.8	1.8	1.9	2.0	2.2	2.1
140.5°	2.3	2.6	2.1	1.9	1.9	1.8	1.8	1.9	2.0	2.4	2.1
141°	2.4	2.7	2.1	2.0	1.9	1.9	1.9	1.9	2.0	2.5	2.1
141.5°	2.4	2.6	2.1	2.0	1.9	1.9	1.9	2.0	2.1	2.6	2.1
142°	2.4	2.5	2.2	2.0	2.0	1.9	1.9	2.0	2.1	2.5	2.1
142.5°	2.4	2.4	2.3	2.1	2.0	2.0	2.0	2.0	2.2	2.3	2.1
143°	2.4	2.4	2.4	2.1	2.0	2.0	2.0	2.1	2.2	2.3	2.2
143.5°	2.4	2.4	2.6	2.2	2.0	2.0	2.0	2.1	2.4	2.3	2.2
144°	2.4	2.4	2.7	2.2	2.1	2.0	2.1	2.1	2.6	2.3	2.2
144.5°	2.4	2.4	2.7	2.2	2.1	2.1	2.1	2.2	2.6	2.3	2.2
145°	2.4	2.4	2.6	2.3	2.2	2.1	2.1	2.3	2.6	2.3	2.2
145.5°	2.3	2.4	2.5	2.5	2.2	2.2	2.2	2.4	2.4	2.3	2.2
146°	2.3	2.4	2.4	2.7	2.3	2.2	2.2	2.6	2.3	2.3	2.2
146.5°	2.3	2.4	2.4	2.8	2.4	2.3	2.4	2.7	2.3	2.3	2.1
147°	2.3	2.5	2.5	2.7	2.6	2.4	2.5	2.6	2.4	2.4	2.1
147.5°	2.2	2.5	2.5	2.5	2.8	2.6	2.7	2.5	2.4	2.4	2.1
148°	2.2	2.5	2.4	2.4	2.7	2.8	2.7	2.4	2.4	2.4	2.1
148.5°	2.2	2.4	2.4	2.4	2.6	2.7	2.6	2.4	2.3	2.4	2.1
149°	2.2	2.4	2.4	2.5	2.4	2.5	2.4	2.4	2.3	2.4	2.1
149.5°	2.1	2.4	2.4	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.1
150°	2.1	2.4	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.1
150.5°	2.1	2.3	2.5	2.4	2.5	2.4	2.4	2.4	2.4	2.3	2.1
151°	2.1	2.3	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.1
151.5°	2.1	2.3	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.1
152°	2.1	2.2	2.4	2.5	2.4	2.4	2.4	2.4	2.4	2.3	2.1
152.5°	2.1	2.2	2.4	2.5	2.4	2.4	2.4	2.4	2.4	2.2	2.2
153°	2.1	2.2	2.4	2.5	2.4	2.4	2.4	2.4	2.4	2.2	2.2
153.5°	2.2	2.2	2.3	2.5	2.4	2.4	2.4	2.4	2.3	2.2	2.2
154°	2.2	2.1	2.3	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	2.3	2.2	2.2
155°	2.3	2.1	2.2	2.3	2.4	2.4	2.4	2.4	2.3	2.2	2.3
155.5°	2.3	2.1	2.2	2.3	2.4	2.4	2.4	2.3	2.2	2.2	2.3
156°	2.3	2.1	2.2	2.3	2.3	2.4	2.4	2.3	2.2	2.2	2.3



TEST NUMBER: P563523

CATALOG NUMBER: 2NWS23C3-NUV-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	2.2	2.2	2.2	2.2	2.3	2.4
158°	2.3	2.2	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.3	2.4
158.5°	2.2	2.3	2.2	2.1	2.1	2.2	2.2	2.2	2.2	2.3	2.4
159°	2.2	2.3	2.2	2.1	2.1	2.2	2.2	2.2	2.2	2.4	2.4
159.5°	2.3	2.3	2.2	2.1	2.1	2.1	2.2	2.2	2.3	2.4	2.4
160°	2.4	2.3	2.2	2.2	2.1	2.1	2.1	2.2	2.3	2.4	2.4
160.5°	2.4	2.2	2.3	2.2	2.1	2.1	2.2	2.2	2.3	2.4	2.4
161°	2.4	2.1	2.3	2.2	2.2	2.2	2.2	2.2	2.3	2.5	2.4
161.5°	2.4	2.2	2.3	2.2	2.2	2.2	2.2	2.3	2.4	2.5	2.4
162°	2.3	2.4	2.3	2.3	2.2	2.2	2.2	2.3	2.4	2.5	2.4
162.5°	2.0	2.4	2.4	2.3	2.3	2.2	2.3	2.3	2.4	2.5	2.4
163°	1.9	2.4	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.5	2.4
163.5°	2.1	2.4	2.2	2.4	2.3	2.3	2.3	2.4	2.5	2.5	2.4
164°	2.3	2.4	2.2	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.4
164.5°	2.3	2.4	2.3	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.4
165°	2.3	2.2	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.4
165.5°	2.3	1.9	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.4
166°	2.3	1.9	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.4
166.5°	2.3	2.2	2.4	2.2	2.5	2.5	2.5	2.5	2.5	2.5	2.4
167°	2.3	2.3	2.4	2.2	2.5	2.5	2.5	2.5	2.5	2.5	2.4
167.5°	2.2	2.3	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	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.4
168.5°	2.0	2.2	1.9	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.3
169°	1.7	2.1	1.8	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.3
169.5°	1.6	2.1	2.0	2.4	2.3	2.5	2.5	2.5	2.5	2.4	2.3
170°	1.6	1.8	2.1	2.4	2.2	2.5	2.5	2.5	2.4	2.4	2.1
170.5°	1.5	1.6	2.1	2.2	2.3	2.4	2.4	2.4	2.4	2.4	2.1
171°	1.5	1.6	2.0	2.1	2.4	2.4	2.4	2.4	2.4	2.3	2.1
171.5°	1.5	1.6	1.6	1.7	2.3	2.4	2.4	2.4	2.4	2.3	2.0
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	2.1	2.3	2.4	2.3	2.3	2.2	2.0
173°	1.5	1.5	1.6	1.6	2.1	2.2	2.3	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	2.2	2.1	1.9
174°	1.4	1.5	1.5	1.6	1.8	2.0	2.2	2.2	2.2	2.0	1.9
174.5°	1.5	1.5	1.5	1.5	1.5	2.0	2.2	2.2	2.2	1.9	1.6
175°	1.5	1.5	1.5	1.5	1.5	1.9	2.0	2.2	2.0	1.9	1.4
175.5°	1.5	1.5	1.5	1.5	1.5	1.8	1.9	2.1	1.9	1.8	1.5
176°	1.5	1.5	1.4	1.5	1.5	1.5	1.9	2.0	1.9	1.5	1.4
176.5°	1.5	1.5	1.4	1.4	1.4	1.4	1.8	1.8	1.8	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	1.6	1.4	1.4
178°	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.4	1.4
178.5°	1.6	1.5	1.5	1.4	1.4	1.3	1.2	1.3	1.2	1.4	1.4



TEST NUMBER: P563523

CATALOG NUMBER: 2NWS23C3-NUV-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: P563523

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

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
0°	918.1	918.1	918.1	918.1
0.5°	918.7	917.1	914.3	918.2
1°	918.1	917.5	920.2	918.8
1.5°	918.8	917.0	917.9	917.7
2°	918.1	917.0	917.6	917.9
2.5°	918.4	916.3	918.7	917.3
3°	917.5	916.4	917.1	918.3
3.5°	917.8	915.8	917.1	917.6
4°	916.7	914.9	918.2	916.9
4.5°	915.8	915.7	915.2	915.3
5°	915.9	914.3	915.9	915.3
5.5°	914.8	913.4	913.5	914.2
6°	914.6	913.9	915.1	913.2
6.5°	912.4	910.9	912.6	911.1
7°	911.0	910.2	911.7	911.3
7.5°	909.4	909.7	911.1	909.5
8°	908.2	906.7	908.5	907.8
8.5°	907.1	906.1	906.7	906.3
9°	905.8	904.4	905.0	905.4
9.5°	903.6	903.7	904.9	902.3
10°	901.9	900.9	904.4	902.9
10.5°	900.3	898.9	893.7	900.2
11°	897.9	897.5	897.4	897.4
11.5°	896.2	894.0	899.4	896.7
12°	893.8	892.4	899.6	893.0
12.5°	891.2	890.5	887.6	890.4
13°	889.5	888.2	888.5	887.4
13.5°	886.4	885.9	888.8	886.4
14°	884.0	882.0	883.6	882.1
14.5°	881.2	880.2	883.4	879.1
15°	877.7	877.8	880.9	880.3
15.5°	875.3	873.7	871.2	873.7
16°	872.6	870.6	870.2	871.9
16.5°	869.8	867.8	873.5	866.2
17°	865.9	863.4	864.8	866.1
17.5°	862.0	861.1	864.5	861.7
18°	859.4	858.4	860.7	858.8
18.5°	856.1	853.3	855.1	854.9
19°	851.8	851.7	851.8	850.9
19.5°	848.1	846.2	848.1	846.9
20°	844.5	842.2	845.3	844.0
20.5°	841.0	839.5	839.8	839.3
21°	836.5	836.3	837.6	835.7



TEST NUMBER: P563523

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

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
22.5°	823.9	822.1	828.3	823.2
23°	819.4	818.5	819.7	819.1
23.5°	815.0	814.9	818.0	817.8
24°	809.6	808.3	809.4	810.8
24.5°	805.3	804.6	805.5	816.3
25°	800.3	798.8	800.1	801.7
25.5°	795.6	794.9	796.3	794.7
26°	790.7	788.2	791.4	789.3
26.5°	786.4	786.2	785.7	785.2
27°	781.1	780.4	781.7	779.1
27.5°	775.8	774.4	776.2	773.7
28°	770.5	769.6	770.5	771.3
28.5°	764.7	764.0	765.6	770.6
29°	759.6	758.2	760.3	754.9
29.5°	753.9	753.9	754.6	754.3
30°	748.0	747.2	748.5	746.6
30.5°	742.6	742.5	742.8	742.2
31°	736.9	736.8	737.6	734.4
31.5°	730.9	729.5	731.8	730.7
32°	725.0	725.4	725.8	721.6
32.5°	719.1	719.8	720.1	720.1
33°	713.3	711.1	713.7	711.8
33.5°	707.3	707.4	708.0	704.8
34°	700.6	701.6	701.8	698.3
34.5°	694.4	694.8	695.6	695.6
35°	688.2	688.5	689.2	688.1
35.5°	682.1	682.1	682.2	681.1
36°	675.5	675.8	679.0	675.4
36.5°	669.1	668.5	669.0	668.7
37°	662.3	662.4	663.8	662.5
37.5°	655.7	655.4	656.3	653.9
38°	649.1	649.1	650.7	645.0
38.5°	643.0	643.0	641.8	639.2
39°	635.9	636.8	636.9	632.6
39.5°	629.2	628.8	629.4	629.9
40°	621.9	622.4	624.5	624.4
40.5°	615.3	616.1	617.4	616.0
41°	608.2	609.2	609.8	607.6
41.5°	601.6	602.6	603.5	606.7
42°	595.1	595.5	597.0	594.4
42.5°	587.9	587.5	587.7	586.9
43°	580.6	581.1	582.8	580.3
43.5°	573.6	574.1	575.1	573.2



TEST NUMBER: P563523

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

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
45°	552.1	552.1	553.6	552.4
45.5°	545.3	545.2	546.4	545.5
46°	537.8	538.3	540.0	535.1
46.5°	530.6	531.3	532.1	531.1
47°	523.6	523.3	525.6	524.3
47.5°	516.2	517.0	517.9	515.8
48°	509.1	510.3	510.9	506.8
48.5°	501.8	503.6	503.1	500.8
49°	494.6	495.6	496.1	496.9
49.5°	487.5	488.4	489.4	486.3
50°	479.8	481.0	481.3	480.9
50.5°	473.0	474.5	473.9	474.8
51°	465.7	466.5	467.0	465.5
51.5°	458.7	460.0	459.8	458.2
52°	451.1	452.3	453.0	451.1
52.5°	443.8	445.2	445.2	444.1
53°	436.9	437.7	438.4	435.9
53.5°	429.7	430.9	431.0	429.2
54°	422.2	423.3	423.8	422.1
54.5°	415.1	416.2	416.3	414.4
55°	408.1	408.7	409.3	407.9
55.5°	401.2	401.8	402.5	400.4
56°	393.4	394.3	395.2	393.0
56.5°	386.6	387.2	387.9	385.9
57°	379.3	380.0	380.8	377.7
57.5°	372.1	373.2	372.6	371.1
58°	365.1	366.0	366.4	365.0
58.5°	358.0	359.0	359.0	356.9
59°	350.9	351.6	352.1	351.1
59.5°	343.8	344.5	344.7	342.6
60°	336.8	337.7	337.6	335.8
60.5°	329.9	330.6	330.6	328.4
61°	323.0	323.6	323.9	322.2
61.5°	316.3	316.3	317.1	315.2
62°	309.1	309.9	309.9	307.3
62.5°	302.1	302.7	302.4	300.6
63°	295.2	295.7	295.3	293.5
63.5°	288.4	288.7	288.7	286.6
64°	281.5	281.5	281.0	279.2
64.5°	274.9	275.0	274.6	272.5
65°	268.2	268.6	267.6	265.5
65.5°	261.4	261.3	260.5	258.6
66°	254.8	254.7	254.6	251.9



TEST NUMBER: P563523

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

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
67.5°	235.0	234.4	233.5	231.0
68°	228.6	227.6	226.8	224.6
68.5°	222.0	221.3	220.0	217.0
69°	215.6	214.2	213.1	210.4
69.5°	209.1	207.9	206.4	203.9
70°	202.7	201.1	199.6	197.6
70.5°	196.4	194.8	193.0	190.4
71°	190.0	188.4	186.5	183.6
71.5°	183.9	182.3	180.1	177.2
72°	177.7	175.4	173.6	170.7
72.5°	171.4	169.4	166.8	164.5
73°	165.3	162.8	160.7	158.0
73.5°	159.4	156.8	154.4	151.5
74°	153.5	150.8	148.2	145.1
74.5°	147.8	144.9	142.1	138.8
75°	142.1	138.9	135.9	132.4
75.5°	136.4	133.0	129.8	126.2
76°	130.7	127.0	123.6	120.2
76.5°	125.0	121.0	117.6	113.8
77°	119.5	115.4	111.8	107.9
77.5°	113.8	109.6	106.0	102.6
78°	108.3	103.9	100.1	96.2
78.5°	103.0	98.4	94.5	90.2
79°	97.6	92.8	88.6	85.1
79.5°	92.2	87.2	83.0	79.3
80°	87.1	82.0	77.6	73.7
80.5°	82.1	76.8	72.1	68.4
81°	77.2	71.6	66.9	63.1
81.5°	72.3	66.7	61.8	58.4
82°	67.5	61.7	56.7	53.7
82.5°	62.9	57.0	52.1	49.0
83°	58.3	52.4	47.3	44.3
83.5°	54.1	47.8	42.7	39.6
84°	50.0	43.7	38.5	35.3
84.5°	45.8	39.5	34.2	31.1
85°	42.1	35.4	30.2	27.1
85.5°	38.3	31.8	26.4	23.3
86°	34.7	28.2	22.8	19.8
86.5°	31.3	24.7	19.8	16.4
87°	28.1	21.6	16.9	13.2
87.5°	25.1	19.0	14.0	10.3
88°	22.1	16.5	11.0	7.5
88.5°	19.4	14.0	8.1	6.0



TEST NUMBER: P563523

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

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
90°	13.0	7.1	2.9	1.7
90.5°	10.9	5.6	1.9	0.2
91°	8.8	4.3	1.3	0.2
91.5°	7.4	3.3	0.9	0.2
92°	6.1	2.6	0.7	0.2
92.5°	5.0	2.1	0.6	0.1
93°	4.3	1.8	0.5	0.1
93.5°	3.7	1.6	0.5	0.1
94°	3.2	1.5	0.5	0.1
94.5°	2.9	1.4	0.5	0.1
95°	2.7	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	0.3
98°	2.1	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°	2.0	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°	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°	1.9	1.1	0.5	0.6
103°	1.9	1.1	0.6	0.7
103.5°	1.9	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°	1.8	0.9	0.7	0.8
106°	1.7	0.9	0.7	0.9
106.5°	1.7	0.9	0.8	0.9
107°	1.7	0.9	0.8	0.9
107.5°	1.6	0.9	0.8	1.0
108°	1.6	0.8	0.9	1.0
108.5°	1.6	0.9	0.9	1.1
109°	1.6	0.9	0.9	1.2
109.5°	1.5	0.9	1.0	1.3
110°	1.4	0.9	1.0	1.3
110.5°	1.4	0.9	1.0	1.3
111°	1.4	1.0	1.1	1.4



TEST NUMBER: P563523

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

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
112.5°	1.3	1.1	1.1	1.4
113°	1.3	1.1	1.2	1.5
113.5°	1.3	1.1	1.2	1.5
114°	1.2	1.2	1.2	1.5
114.5°	1.2	1.2	1.3	1.6
115°	1.0	1.2	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°	1.0	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°	1.1	1.3	1.4	1.5
120°	1.2	1.4	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°	1.3	1.4	1.6	1.5
122°	1.3	1.5	1.6	1.6
122.5°	1.3	1.5	1.6	1.6
123°	1.3	1.5	1.6	1.6
123.5°	1.4	1.5	1.6	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	1.6
125.5°	1.5	1.7	1.7	1.6
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	1.7	1.7
128°	1.6	1.7	1.7	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°	1.7	1.8	1.8	1.8
132°	1.8	1.8	1.8	1.8
132.5°	1.8	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: P563523

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

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
135°	1.9	1.9	1.9	1.8
135.5°	1.9	1.9	1.9	1.8
136°	1.9	2.0	1.9	1.8
136.5°	2.0	2.0	1.9	1.9
137°	2.0	2.0	1.9	1.9
137.5°	2.0	2.0	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	2.1	1.9	1.9
139.5°	2.0	2.2	1.9	1.9
140°	2.0	2.2	1.9	1.9
140.5°	2.0	2.2	2.0	1.9
141°	2.0	2.3	2.0	2.0
141.5°	2.0	2.3	2.0	2.0
142°	2.0	2.3	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°	2.0	2.4	2.0	2.0
144°	2.1	2.4	2.0	2.0
144.5°	2.1	2.4	2.0	2.0
145°	2.2	2.5	2.0	2.0
145.5°	2.2	2.5	2.0	2.0
146°	2.2	2.5	2.0	2.0
146.5°	2.2	2.5	2.0	2.0
147°	2.3	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°	2.4	2.5	2.0	1.9
149.5°	2.4	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°	2.5	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	1.9
153°	2.5	2.5	2.0	1.9
153.5°	2.5	2.5	1.9	1.9
154°	2.5	2.5	1.9	1.9
154.5°	2.5	2.5	1.9	2.0
155°	2.5	2.4	1.9	2.0
155.5°	2.5	2.4	1.9	2.0
156°	2.5	2.4	1.9	2.0



TEST NUMBER: P563523

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

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
157.5°	2.5	2.4	1.9	2.0
158°	2.5	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°	2.4	2.3	1.9	1.8
163.5°	2.4	2.3	1.9	1.7
164°	2.4	2.3	1.9	1.7
164.5°	2.4	2.3	1.9	1.7
165°	2.4	2.2	1.9	1.7
165.5°	2.4	2.2	1.8	1.7
166°	2.3	2.2	1.9	1.7
166.5°	2.3	2.1	1.9	1.6
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	1.3
169°	2.0	1.8	1.5	1.3
169.5°	2.0	1.5	1.4	1.3
170°	2.0	1.4	1.4	1.4
170.5°	2.0	1.5	1.4	1.3
171°	1.9	1.5	1.4	1.3
171.5°	1.9	1.4	1.5	1.3
172°	1.7	1.5	1.5	1.3
172.5°	1.5	1.4	1.4	1.4
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	1.4
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	1.4	1.5	1.8



TEST NUMBER: P563523

CATALOG NUMBER: 2NWS23C3-NUV-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°	831.0	832.2	821.3	835.5	826.8	825.1	823.0	822.8	820.0	817.6	815.5
22°	827.1	818.0	818.9	830.8	822.7	820.5	818.5	816.0	815.0	812.4	811.8



44°	565.8	565.3	560.5	567.9	556.9	551.1	544.0	537.8	531.5	527.9	526.3
44.5°	559.6	558.0	552.0	560.7	549.7	543.3	536.3	530.3	524.3	520.3	519.0



66.5°	244.5	244.2	241.3	246.5	239.6	236.0	231.1	227.7	224.0	221.8	221.3
67°	237.6	237.3	234.7	238.5	233.3	229.6	225.2	222.0	218.0	216.0	215.3



89°	4.6	5.1	8.7	14.5	20.1	25.2	29.3	32.3	33.9	34.3	33.5
89.5°	3.1	3.9	7.0	12.5	17.9	23.0	27.1	30.0	31.6	32.0	31.2



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	1.3	1.4	1.4	1.5	1.7	1.8	1.7



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



179°	2.0	1.9	1.8	1.7	1.5	1.4	1.4	1.1	1.3	1.1	1.2
179.5°	2.0	2.0	1.9	1.9	1.7	1.5	1.3	1.2	1.0	1.0	1.0





21.5°	814.3	810.5	816.0	813.0	813.4	813.3	812.6	814.1	820.2	809.8	821.5
22°	812.4	811.2	810.1	809.4	809.3	807.7	810.0	809.1	808.7	802.7	819.8



44°	529.0	532.4	535.9	540.8	540.9	540.5	541.3	541.7	543.9	539.0	550.3
44.5°	521.4	526.2	530.7	532.5	534.4	533.8	534.2	534.9	535.3	532.2	542.5



66.5°	222.6	225.0	227.5	228.6	229.2	228.1	227.5	228.3	228.9	229.3	235.0
67°	216.8	218.9	221.4	222.3	222.6	221.6	220.8	221.8	222.2	223.0	228.7



89°	31.7	28.7	24.5	19.2	13.4	7.7	4.0	1.5	3.7	8.0	14.3
89.5°	29.6	26.5	22.4	17.2	11.6	6.3	2.8	0.2	2.5	6.3	12.0



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



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



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





21.5°	817.3	817.0	819.0	821.1	821.0	822.0	822.7	823.7	828.0	830.8	829.5
22°	812.2	813.1	814.7	819.6	817.9	822.3	818.9	820.0	824.0	826.3	826.9



44°	543.2	541.4	538.8	538.3	534.9	535.7	537.7	543.7	551.2	558.4	562.6
44.5°	536.3	534.5	531.8	530.1	525.9	527.2	530.7	536.8	544.5	551.2	555.9



66.5°	233.2	232.6	231.6	230.4	229.9	230.2	232.1	235.6	240.1	243.8	247.1
67°	227.2	226.3	225.4	225.3	223.9	224.7	226.2	229.4	233.9	237.6	240.7



89°	19.5	24.8	29.4	32.9	34.9	35.9	35.7	34.4	31.8	27.9	22.7
89.5°	17.6	22.6	26.9	30.3	32.4	33.3	33.2	31.8	29.3	25.3	20.2



111.5°	2.4	3.0	3.5	4.0	4.3	4.4	4.3	4.0	3.6	3.0	2.3
112°	2.3	3.0	3.5	4.0	4.2	4.3	4.2	4.0	3.6	3.0	2.2



134°	2.1	1.8	1.7	1.5	1.5	1.4	1.4	1.5	1.6	1.7	1.8
134.5°	2.2	1.8	1.7	1.6	1.5	1.5	1.5	1.5	1.6	1.8	1.9



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°	2.4	2.2	2.1	2.2	2.2	2.3	2.3	2.2	2.2	2.3	2.4



179°	1.9	1.9	1.5	1.4	1.3	1.2	1.0	1.1	1.1	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°	832.4	831.1	834.0	831.0
22°	827.9	828.0	828.1	827.1



44°	566.4	567.0	566.8	565.8
44.5°	559.6	560.5	560.5	559.6



66.5°	248.2	248.1	247.0	244.5
67°	241.7	241.1	240.1	237.6



89°	17.3	11.4	6.0	4.6
89.5°	15.2	8.9	4.3	3.1



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



134°	1.8	1.9	1.8	1.8
134.5°	1.8	1.9	1.9	1.8



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



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



(END OF REPORT)