

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: P563524

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

Issue Date: 7/18/2022



Test Information

Test Method: LM-79-08
Report Number: P563524
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-5000K
Description: 2 FOOT NWS SELETABLE WRAP AT 3500K AND MED LUMEN SETTING
Light Source: -
Ballast/Driver:

Summary

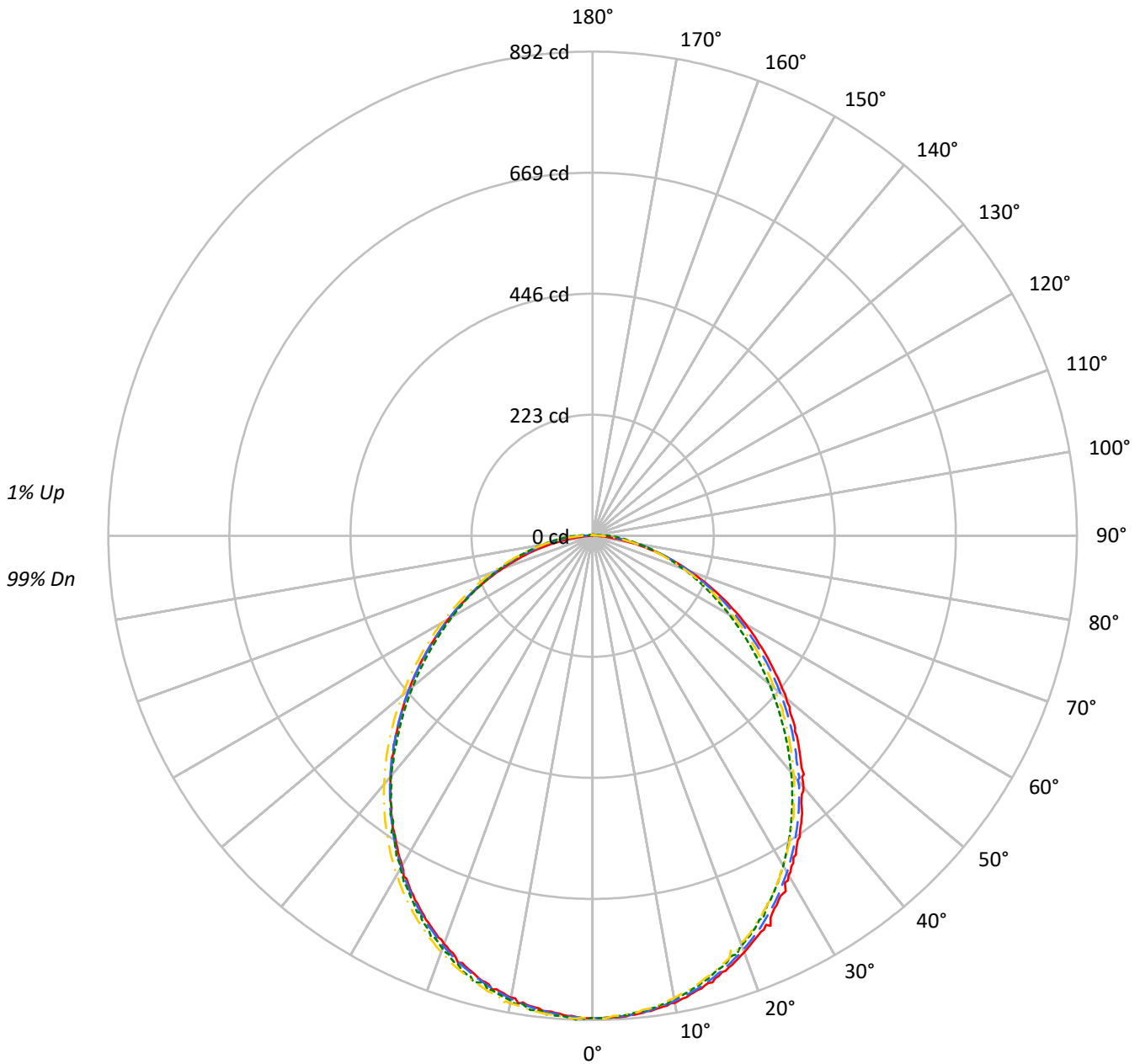
Lumens per Lamp: N/A
Luminaire Lumens: 2259.0 lumens
Efficiency: N/A
Efficacy: 126.9 lumens/watt
Spacing Criteria (0/90/45): 1.2 / 1.18 / 1.29
Luminous Opening: Rectangular w/ Sides (W: 0.44' x L: 2' x H: 0.08')
CIE Type: Direct

Input Watts (W): 17.8
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°	10803	10803	10803	10803
5°	10772	10596	10701	10605
10°	10709	10346	10588	10390
15°	10605	10069	10422	10183
20°	10410	9732	10201	9802
25°	10210	9337	9939	9438
30°	9906	8894	9624	8969
35°	9605	8372	9252	8399
40°	9269	7801	8884	7898
45°	8825	7185	8419	7291
50°	8387	6561	7962	6683
55°	7900	5940	7473	6082
60°	7374	5335	6959	5486
65°	6786	4748	6337	4920
70°	6101	4162	5635	4347
75°	5214	3557	4791	3780
80°	4046	2928	3582	3183
85°	2479	2379	2015	2561



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.9	3.7
10°-20°	237.6	10.5
20°-30°	351.3	15.6
30°-40°	406.0	18.0
40°-50°	396.8	17.6
50°-60°	335.5	14.9
60°-70°	242.6	10.7
70°-80°	138.3	6.1
80°-90°	48.5	2.1
90°-100°	7.9	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°	672.8	29.8
0°-40°	1078.8	47.8
0°-60°	1811.1	80.2
0°-90°	2240.5	99.2
90°-120°	12.3	0.5
90°-150°	16.8	0.7
90°-180°	19.0	0.8
0°-180°	2259.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	889	889	889	889	889	
5°	886	882	880	883	886	84
15°	852	840	837	850	852	239
25°	776	757	755	765	776	357
35°	666	638	642	640	666	416
45°	535	496	510	504	535	412
55°	395	355	374	364	395	353
65°	257	231	240	240	257	255
75°	128	129	118	137	128	136
85°	26	54	21	58	26	31
90°	2	29	0	30	2	2
95°	0	14	0	12	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	1	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°	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6
0.5°	888.7	891.9	882.3	900.1	888.6	888.4	888.8	890.8	887.8	889.3	887.8
1°	889.3	890.6	881.6	895.7	888.3	888.6	888.5	891.8	889.4	888.6	887.2
1.5°	888.2	890.1	881.0	901.7	887.9	888.5	888.1	892.2	890.1	888.9	886.9
2°	888.4	888.0	880.7	898.8	888.2	887.5	888.9	889.5	888.2	888.0	888.5
2.5°	887.8	886.5	880.7	895.0	889.7	887.4	887.5	887.5	887.8	889.3	885.8
3°	888.8	888.1	880.7	895.5	887.5	887.6	887.4	891.9	886.2	886.1	885.6
3.5°	888.1	885.6	879.6	894.5	887.2	886.2	886.5	890.0	887.0	885.8	884.5
4°	887.4	891.4	884.2	898.6	886.5	886.0	885.6	886.2	885.4	885.4	884.5
4.5°	885.9	887.4	879.3	895.4	886.2	884.8	884.3	886.7	885.0	883.8	884.3
5°	885.9	888.6	877.9	892.2	885.4	883.9	884.5	884.6	883.7	882.5	881.3
5.5°	884.8	884.2	878.5	893.7	883.4	882.4	882.9	884.8	883.2	881.8	880.1
6°	883.9	887.3	876.3	889.0	882.4	882.2	882.3	879.8	881.7	880.3	879.7
6.5°	881.9	878.4	875.2	890.3	882.3	881.1	880.7	882.9	881.5	879.4	877.0
7°	882.1	884.7	873.8	889.6	880.9	879.3	879.4	889.2	880.4	877.7	877.1
7.5°	880.2	879.7	876.4	889.2	879.3	878.1	877.9	874.8	878.2	876.4	874.9
8°	878.6	879.0	871.7	888.0	877.1	876.3	876.0	878.3	875.4	874.8	871.9
8.5°	877.2	878.6	869.2	886.0	876.1	874.9	873.9	873.9	875.4	872.7	871.1
9°	876.3	881.3	869.3	882.9	874.2	873.5	872.8	873.8	872.1	873.7	868.4
9.5°	873.3	874.3	866.4	879.1	872.5	871.9	871.2	872.5	869.7	867.4	867.8
10°	873.9	873.3	864.9	881.1	870.3	869.8	869.3	868.4	870.3	865.8	866.2
10.5°	871.2	870.4	863.1	877.3	868.3	868.0	866.9	865.4	865.2	864.1	864.0
11°	868.6	867.3	862.9	876.5	867.8	865.2	865.0	865.8	864.8	862.6	861.6
11.5°	867.9	866.1	859.4	871.3	864.5	862.8	862.5	862.4	861.4	859.9	859.2
12°	864.3	864.3	857.9	869.9	862.4	861.1	860.5	859.8	856.7	857.6	855.8
12.5°	861.8	861.1	854.3	868.7	859.6	858.5	857.4	859.4	856.1	854.6	853.0
13°	858.9	861.1	858.3	864.3	857.3	856.2	855.4	853.8	853.6	852.6	850.6
13.5°	857.9	857.0	850.2	870.0	855.5	853.3	852.5	851.5	851.4	849.6	847.8
14°	853.7	855.3	848.5	862.5	851.6	850.5	849.6	850.4	849.0	846.3	844.6
14.5°	850.8	852.9	813.5	860.3	848.8	847.8	846.6	853.0	844.5	843.8	841.1
15°	852.0	848.7	839.5	851.3	846.8	844.7	843.9	844.7	843.2	840.2	838.4
15.5°	845.6	840.3	839.4	856.7	843.3	841.8	840.5	838.9	841.6	836.1	835.8
16°	843.9	844.6	836.1	844.6	839.4	838.7	837.6	837.1	835.0	832.2	832.6
16.5°	838.4	840.9	832.1	848.7	837.2	835.7	833.7	833.0	831.8	830.5	829.1
17°	838.3	836.5	851.0	844.3	834.0	832.3	831.2	830.3	827.8	827.8	824.8
17.5°	834.0	833.6	826.1	842.1	830.3	828.8	827.2	828.9	829.1	823.7	821.3
18°	831.2	830.7	821.2	837.7	826.6	825.8	824.3	824.2	821.8	817.4	817.8
18.5°	827.5	828.3	820.2	833.6	822.6	821.4	820.7	820.6	817.9	814.8	814.1
19°	823.5	824.4	818.4	829.9	820.0	818.0	817.1	817.5	814.1	816.2	810.0
19.5°	819.7	822.1	815.4	826.7	817.2	814.2	812.8	811.7	810.6	807.5	806.4
20°	816.8	814.2	810.6	823.1	812.7	810.2	809.1	806.8	806.2	803.6	802.2
20.5°	812.4	811.2	805.7	818.8	808.5	806.4	805.0	806.0	803.3	799.3	798.8
21°	808.9	808.1	800.9	814.3	804.6	802.5	801.4	800.5	798.6	794.8	793.5



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
22.5°	796.8	800.3	788.9	800.9	792.1	789.6	789.0	789.4	785.0	782.2	780.3
23°	792.8	790.4	786.0	800.6	787.6	785.4	784.2	780.8	779.4	776.5	774.9
23.5°	791.5	790.9	779.8	796.0	783.2	781.3	780.9	780.2	775.2	770.7	770.5
24°	784.7	782.7	778.1	790.1	778.5	776.1	780.4	772.6	770.2	771.4	765.8
24.5°	790.1	778.8	770.5	781.4	773.8	771.5	769.8	768.5	765.2	764.6	760.4
25°	775.9	773.6	769.3	780.7	769.1	767.0	764.3	761.0	759.8	756.9	756.3
25.5°	769.1	768.5	761.1	778.7	764.6	761.7	759.2	760.6	755.4	749.6	751.1
26°	763.9	763.0	757.3	768.9	759.4	756.7	755.0	757.4	750.0	746.8	746.0
26.5°	760.0	759.6	751.2	764.3	755.0	751.5	750.3	746.4	744.2	741.7	738.6
27°	754.1	754.0	743.4	758.0	749.6	746.9	744.1	741.9	739.6	736.1	734.9
27.5°	748.9	748.2	740.4	753.8	744.5	741.7	738.6	737.4	735.6	730.9	729.2
28°	746.5	744.1	735.2	748.5	738.9	736.6	733.9	732.7	727.6	725.3	723.3
28.5°	745.8	741.0	733.5	744.3	733.5	730.7	728.5	727.4	722.1	719.8	718.0
29°	730.6	732.8	726.2	737.2	728.2	725.2	723.4	719.4	717.1	713.6	711.8
29.5°	730.0	729.8	720.9	733.0	723.2	719.8	715.9	714.0	710.8	708.0	706.0
30°	722.6	719.7	713.1	729.1	717.6	714.5	710.7	712.4	705.4	702.2	700.3
30.5°	718.4	725.1	710.2	722.3	712.0	709.0	705.4	702.6	699.8	696.0	694.2
31°	710.8	712.7	703.4	715.1	706.2	703.1	699.7	696.2	693.2	689.7	688.5
31.5°	707.3	705.4	705.6	711.4	700.3	696.9	693.7	691.7	686.8	683.4	681.8
32°	698.4	700.3	693.6	709.7	694.5	691.2	687.3	684.3	680.7	677.3	675.1
32.5°	697.0	694.8	684.0	696.4	688.8	685.2	681.4	678.4	674.0	670.7	670.0
33°	688.9	689.4	682.7	692.5	683.0	679.4	675.2	671.8	667.2	664.6	662.9
33.5°	682.2	682.9	675.8	688.2	676.8	673.2	669.1	663.8	661.5	658.3	656.7
34°	675.9	675.2	671.1	689.0	670.7	666.9	662.4	661.7	654.9	652.1	648.9
34.5°	673.2	670.9	665.2	675.2	664.4	660.3	656.0	652.4	647.3	645.0	643.1
35°	666.0	664.6	657.6	669.9	658.7	654.7	649.6	646.0	642.3	638.2	636.2
35.5°	659.2	659.1	651.8	662.5	652.0	648.1	643.2	639.5	634.4	631.5	629.7
36°	653.7	652.3	645.7	655.1	646.1	642.1	636.3	631.9	627.5	624.7	623.7
36.5°	647.2	645.9	639.8	649.6	639.4	634.9	629.3	630.0	622.8	617.9	616.7
37°	641.2	639.4	633.8	644.2	633.7	628.7	623.7	617.8	615.8	611.3	609.4
37.5°	632.9	634.1	627.0	635.1	626.4	622.0	616.6	613.2	607.8	603.9	603.3
38°	624.3	627.2	620.8	629.7	619.9	616.0	609.7	605.0	601.3	596.9	595.7
38.5°	618.7	620.3	615.3	624.2	614.0	608.9	603.5	598.0	593.6	590.1	589.2
39°	612.3	613.9	608.1	618.8	607.4	602.0	595.0	593.7	586.2	583.0	581.3
39.5°	609.7	607.4	601.7	611.3	600.6	595.4	591.0	584.5	580.1	576.0	574.8
40°	604.4	601.2	595.1	597.1	586.8	588.8	583.6	576.4	572.6	568.9	567.4
40.5°	596.2	594.5	588.9	596.5	592.7	581.6	575.9	570.7	564.9	561.5	560.3
41°	588.1	587.9	581.7	590.5	578.4	574.9	568.4	566.3	559.9	554.3	553.1
41.5°	587.2	580.6	575.2	583.9	573.6	568.1	562.2	556.1	551.9	547.0	546.3
42°	575.3	573.8	568.4	577.0	563.1	561.0	554.6	550.7	544.0	539.8	538.4
42.5°	568.0	567.8	561.6	569.4	555.8	554.3	547.7	542.8	536.4	532.9	531.7
43°	561.7	561.1	555.2	566.2	552.5	547.5	540.6	535.1	529.3	525.5	524.4
43.5°	554.8	554.4	548.9	555.3	545.7	540.0	533.5	528.2	522.3	518.0	517.2



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
45°	534.6	534.0	527.7	534.8	524.8	519.4	512.1	505.4	499.8	496.3	495.8
45.5°	528.0	527.0	521.1	527.9	518.0	512.4	505.1	497.4	493.1	489.1	488.6
46°	517.9	519.7	514.0	520.9	511.1	505.2	498.3	492.0	485.4	481.7	480.9
46.5°	514.1	512.6	507.0	514.1	503.9	497.8	490.8	484.8	478.3	474.6	473.7
47°	507.5	505.9	501.2	507.4	497.0	491.1	483.3	478.3	471.2	467.8	467.4
47.5°	499.2	498.6	492.0	499.8	490.0	483.7	476.2	470.8	463.7	460.2	459.3
48°	490.5	490.8	486.9	493.2	483.4	476.4	469.4	463.3	457.2	453.0	452.4
48.5°	484.7	485.6	479.5	486.1	475.9	469.4	462.1	456.4	448.9	445.5	444.8
49°	481.0	478.4	473.5	478.5	469.1	462.5	454.6	448.4	442.4	438.8	438.5
49.5°	470.7	469.6	465.8	471.1	461.7	455.6	448.5	440.6	435.0	431.5	430.1
50°	465.4	465.8	459.2	464.9	454.9	448.6	440.7	434.2	427.9	424.4	424.1
50.5°	459.5	456.1	451.3	457.4	447.8	440.8	433.6	427.8	420.7	417.2	415.8
51°	450.6	450.3	445.0	450.3	441.1	434.3	426.3	419.3	414.1	410.3	410.0
51.5°	443.5	442.1	437.9	442.9	433.7	426.9	419.3	413.2	406.6	403.1	402.4
52°	436.6	435.0	431.5	435.4	426.7	420.0	412.5	402.4	399.8	396.2	395.7
52.5°	429.9	429.2	424.6	428.9	419.9	413.1	405.4	398.6	392.9	389.3	388.2
53°	421.9	421.8	416.3	421.9	412.4	406.0	398.4	391.9	385.8	382.5	381.4
53.5°	415.4	415.3	408.2	415.5	405.8	399.1	391.5	384.8	378.9	375.6	374.8
54°	408.6	408.0	403.9	408.1	399.0	392.0	384.1	378.4	372.2	368.6	367.6
54.5°	401.0	400.3	396.2	400.9	391.4	385.3	377.4	374.3	365.6	362.0	361.7
55°	394.8	393.6	388.9	394.4	384.6	378.1	370.6	363.8	358.5	355.3	354.2
55.5°	387.6	387.1	384.1	385.4	377.9	371.5	363.6	357.4	352.0	348.5	348.1
56°	380.4	379.9	375.8	379.4	371.1	364.5	357.8	350.8	345.3	341.9	341.5
56.5°	373.5	372.2	371.5	372.3	363.9	357.7	350.5	343.6	338.6	335.2	335.0
57°	365.6	365.3	362.5	365.9	357.0	350.8	343.2	337.0	332.4	329.0	329.5
57.5°	359.2	358.0	355.1	360.4	350.3	344.0	337.1	330.3	325.4	322.3	321.0
58°	353.2	352.2	347.9	351.5	343.5	337.7	330.1	325.4	318.9	315.8	315.9
58.5°	345.4	344.4	340.7	344.7	336.6	330.6	323.4	317.3	312.8	309.6	309.2
59°	339.8	337.2	334.1	337.6	330.0	324.3	317.2	311.3	306.3	303.4	302.8
59.5°	331.6	331.6	327.2	331.2	323.3	317.2	310.8	304.7	300.0	296.8	296.7
60°	325.1	324.9	320.4	323.9	316.2	310.7	304.3	298.9	292.9	290.7	290.4
60.5°	317.9	317.8	313.6	317.2	309.7	304.2	297.4	292.3	287.2	284.7	284.2
61°	311.9	310.9	306.6	310.5	303.2	297.6	291.3	286.4	281.5	278.3	277.6
61.5°	305.1	303.6	299.7	304.0	296.6	291.1	284.7	280.0	275.3	272.3	272.2
62°	297.5	296.3	294.0	296.5	289.7	284.8	278.6	273.1	268.7	266.4	266.5
62.5°	291.0	290.3	286.4	289.7	283.5	278.2	272.3	267.2	263.6	260.5	259.4
63°	284.1	282.9	282.4	283.2	276.6	272.0	265.9	265.0	256.4	254.6	254.3
63.5°	277.4	276.3	274.6	276.4	270.4	265.5	260.2	255.5	251.2	248.7	248.4
64°	270.2	268.8	266.5	269.7	263.0	259.4	253.9	249.6	245.3	242.8	242.3
64.5°	263.8	262.9	260.3	263.2	257.6	253.2	247.9	242.8	239.5	237.3	237.1
65°	256.9	256.3	253.8	257.3	247.1	247.0	241.7	237.6	233.6	231.4	231.0
65.5°	250.3	249.4	246.9	250.0	244.4	240.9	235.6	232.0	228.1	225.9	225.4
66°	243.8	243.2	240.0	243.5	238.5	234.6	229.8	226.2	222.0	220.2	219.4



TEST NUMBER: P563524

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

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
67.5°	223.6	223.6	221.5	223.7	219.8	216.3	212.0	209.0	205.4	203.7	203.0
68°	217.3	216.5	215.2	217.5	213.4	210.5	206.5	203.6	200.2	198.2	198.0
68.5°	210.0	209.5	208.5	210.9	207.3	204.5	200.9	198.0	195.0	193.1	192.2
69°	203.7	203.4	202.1	204.7	201.3	198.7	195.9	192.6	189.3	187.9	187.3
69.5°	197.3	197.0	194.6	200.0	195.3	192.8	189.6	187.0	184.1	182.4	181.7
70°	191.2	190.6	187.9	192.1	189.1	187.1	184.3	181.8	179.6	177.4	176.7
70.5°	184.3	184.3	182.7	186.1	183.2	181.3	178.7	176.2	173.9	172.1	171.6
71°	177.7	177.5	176.5	179.6	177.4	175.6	173.4	171.1	168.8	167.3	166.4
71.5°	171.5	172.0	170.1	173.9	171.6	170.0	168.0	166.0	163.7	162.3	162.0
72°	165.3	165.4	164.7	168.1	165.7	164.7	162.7	160.7	158.8	157.3	157.4
72.5°	159.2	159.1	158.2	161.6	159.9	159.1	157.2	155.8	153.5	152.4	152.2
73°	152.9	152.8	152.0	155.7	154.3	153.6	152.3	150.7	148.9	147.4	146.8
73.5°	146.6	146.0	146.0	149.8	148.7	148.3	146.9	145.6	144.0	142.8	142.1
74°	140.5	140.5	139.8	143.7	143.1	142.8	142.0	141.0	139.2	138.0	137.3
74.5°	134.3	134.1	133.9	137.9	137.6	137.7	136.9	135.7	134.4	133.3	132.5
75°	128.2	128.3	128.2	132.1	132.2	132.5	131.7	131.1	130.0	128.7	128.1
75.5°	122.2	122.1	123.1	128.3	126.8	127.2	126.8	126.2	125.3	124.0	123.4
76°	116.3	116.7	116.4	120.9	121.3	122.2	121.7	121.9	120.7	120.1	118.9
76.5°	110.1	110.7	111.1	115.6	116.1	117.1	117.3	117.0	116.2	115.4	114.5
77°	104.4	104.8	105.4	109.3	110.9	112.3	112.4	112.5	111.7	110.9	110.1
77.5°	99.3	98.9	100.3	104.5	105.9	107.1	107.4	107.6	107.4	106.5	105.7
78°	93.2	93.8	94.5	99.2	100.9	102.4	103.6	103.6	103.0	102.3	101.5
78.5°	87.3	87.8	89.3	94.1	95.9	97.8	98.7	99.3	98.9	98.3	97.4
79°	82.4	82.2	84.1	88.6	91.0	93.1	94.2	94.8	94.7	94.3	93.5
79.5°	76.8	76.7	78.4	83.8	86.2	88.5	89.8	90.6	90.6	90.1	89.3
80°	71.4	71.7	73.7	78.9	81.4	84.2	85.5	86.7	86.8	86.3	85.6
80.5°	66.2	66.7	68.9	73.9	76.9	79.6	81.3	82.7	82.9	82.5	81.6
81°	61.1	61.5	63.9	69.2	72.4	75.4	78.1	78.7	79.3	78.8	78.0
81.5°	56.5	57.0	59.5	64.7	67.9	71.2	73.8	75.0	75.4	75.2	74.5
82°	52.0	52.6	55.3	60.0	63.6	67.2	69.8	71.4	71.9	71.8	70.9
82.5°	47.4	48.1	51.0	56.0	59.2	63.2	66.0	68.0	68.5	68.3	67.2
83°	42.9	43.6	46.7	52.0	55.5	59.0	62.2	64.2	65.0	65.0	64.2
83.5°	38.3	39.2	42.5	48.0	52.0	55.7	59.0	60.9	61.8	61.7	61.1
84°	34.2	35.3	38.2	43.9	48.4	52.5	55.9	57.9	58.9	59.5	58.3
84.5°	30.1	31.0	34.3	39.9	44.8	49.3	52.8	55.0	56.0	56.5	55.4
85°	26.2	27.1	30.4	36.2	41.3	46.1	49.7	52.1	53.2	53.6	52.6
85.5°	22.6	23.5	26.9	32.8	38.0	42.9	46.7	49.2	50.3	50.7	49.8
86°	19.1	20.1	23.5	29.5	34.9	39.9	43.7	46.2	47.4	47.7	47.0
86.5°	15.9	16.7	20.4	26.4	31.9	36.9	40.8	43.5	44.7	45.0	44.3
87°	12.8	13.7	17.5	23.5	29.1	34.2	38.1	40.8	42.1	42.5	41.7
87.5°	10.0	11.0	14.9	20.8	26.4	31.6	35.5	38.2	39.7	40.0	39.2
88°	7.3	8.5	12.4	18.4	23.9	29.0	33.0	35.8	37.1	37.6	36.9
88.5°	5.8	6.2	10.3	16.1	21.6	26.6	30.6	33.5	34.9	35.4	34.6



TEST NUMBER: P563524

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

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
90°	1.6	2.5	5.9	10.4	15.5	20.3	24.1	27.1	28.6	29.0	28.3
90.5°	0.2	1.3	4.9	9.0	13.8	18.5	22.3	25.1	26.6	27.1	26.4
91°	0.2	0.9	4.0	7.6	12.3	16.8	20.5	23.3	24.8	25.3	24.6
91.5°	0.2	0.6	3.0	6.5	10.8	15.1	18.7	21.5	23.0	23.5	22.8
92°	0.2	0.4	2.1	5.6	9.5	13.6	17.2	19.8	21.3	21.9	21.3
92.5°	0.1	0.4	1.6	4.8	8.3	12.2	15.6	18.2	19.7	20.2	19.7
93°	0.1	0.3	1.3	4.0	7.2	10.9	14.2	16.8	18.3	18.7	18.1
93.5°	0.1	0.3	1.1	3.2	6.3	9.8	13.0	15.4	16.8	17.3	16.8
94°	0.1	0.3	0.9	2.7	5.7	8.8	11.8	14.1	15.6	16.0	15.4
94.5°	0.1	0.2	0.8	2.3	5.0	7.8	10.7	12.9	14.3	14.7	14.3
95°	0.1	0.2	0.7	2.0	4.3	6.9	9.6	11.9	13.1	13.5	13.1
95.5°	0.2	0.2	0.6	1.7	3.6	6.2	8.7	10.8	12.1	12.5	12.0
96°	0.2	0.2	0.6	1.6	3.2	5.6	7.8	9.8	11.0	11.4	11.0
96.5°	0.2	0.2	0.5	1.4	2.9	5.1	7.1	8.9	10.1	10.5	10.1
97°	0.2	0.3	0.5	1.3	2.6	4.5	6.4	8.1	9.3	9.6	9.3
97.5°	0.2	0.3	0.5	1.2	2.3	3.9	5.9	7.4	8.5	8.8	8.5
98°	0.3	0.3	0.4	1.1	2.1	3.6	5.4	6.8	7.8	8.1	7.8
98.5°	0.3	0.3	0.4	1.0	2.0	3.3	4.9	6.2	7.1	7.4	7.1
99°	0.3	0.4	0.4	0.9	1.9	3.0	4.4	5.8	6.5	6.8	6.5
99.5°	0.4	0.4	0.5	0.8	1.7	2.9	4.1	5.4	6.1	6.3	6.1
100°	0.4	0.5	0.5	0.8	1.6	2.7	3.8	5.0	5.7	5.9	5.7
100.5°	0.5	0.5	0.5	0.8	1.5	2.5	3.6	4.6	5.2	5.4	5.2
101°	0.5	0.6	0.5	0.8	1.5	2.4	3.4	4.3	4.8	5.0	4.8
101.5°	0.5	0.6	0.6	0.7	1.4	2.3	3.2	4.1	4.5	4.6	4.5
102°	0.6	0.6	0.6	0.7	1.3	2.1	3.0	3.9	4.3	4.4	4.3
102.5°	0.6	0.7	0.6	0.7	1.2	2.0	2.9	3.7	4.0	4.2	4.1
103°	0.6	0.7	0.6	0.8	1.2	1.9	2.7	3.5	3.9	4.0	3.9
103.5°	0.7	0.7	0.6	0.8	1.1	1.8	2.6	3.3	3.7	3.8	3.7
104°	0.7	0.8	0.6	0.8	1.1	1.7	2.4	3.1	3.5	3.7	3.6
104.5°	0.8	0.9	0.7	0.8	1.0	1.6	2.3	2.9	3.3	3.5	3.4
105°	0.8	1.0	0.7	0.9	1.0	1.5	2.2	2.8	3.2	3.3	3.2
105.5°	0.8	1.1	0.7	0.9	1.0	1.5	2.1	2.6	3.0	3.2	3.1
106°	0.8	1.2	0.7	0.9	1.0	1.4	2.0	2.5	2.9	3.0	2.9
106.5°	0.9	1.2	0.8	1.0	1.0	1.3	1.9	2.4	2.7	2.9	2.8
107°	0.9	1.1	0.8	1.0	1.0	1.3	1.8	2.3	2.6	2.7	2.6
107.5°	0.9	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	1.2	1.6	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	2.2	2.2
109.5°	1.2	1.3	1.1	0.9	1.1	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	1.7	2.0	2.0	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	1.2	1.3	1.6	1.8	1.9	1.8



TEST NUMBER: P563524

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

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P563524

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

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P563524

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

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
157.5°	1.9	1.8	2.1	2.3	2.2	2.0	1.9	1.8	1.8	1.9	1.8
158°	1.9	1.7	2.1	2.3	2.2	2.1	1.9	1.8	1.8	1.8	1.8
158.5°	1.9	1.7	2.1	2.3	2.2	2.1	1.9	1.8	1.8	1.8	1.8
159°	1.9	1.7	2.1	2.3	2.2	2.1	2.0	1.9	1.8	1.8	1.8
159.5°	1.9	1.7	2.1	2.3	2.2	2.1	2.0	1.9	1.8	1.8	1.8
160°	1.9	1.7	2.1	2.2	2.2	2.1	2.0	1.9	1.8	1.8	1.8
160.5°	1.9	1.7	2.1	2.2	2.2	2.2	2.0	1.9	1.9	1.8	1.8
161°	1.9	1.7	2.1	2.2	2.2	2.2	2.1	2.0	1.9	1.8	1.9
161.5°	1.9	1.7	2.0	2.2	2.2	2.2	2.1	2.0	1.9	1.9	1.9
162°	1.8	1.7	2.0	2.2	2.2	2.2	2.1	2.0	1.9	1.9	1.9
162.5°	1.7	1.7	2.0	2.2	2.2	2.2	2.1	2.1	2.0	1.9	2.0
163°	1.7	1.7	2.0	2.2	2.2	2.2	2.2	2.1	2.0	2.0	2.0
163.5°	1.7	1.7	2.0	2.2	2.2	2.2	2.2	2.1	2.0	2.0	2.0
164°	1.6	1.6	2.0	2.2	2.2	2.2	2.2	2.1	2.1	2.0	2.1
164.5°	1.6	1.6	2.0	2.1	2.2	2.2	2.2	2.2	2.1	2.1	2.1
165°	1.6	1.6	2.0	2.1	2.2	2.2	2.2	2.2	2.1	2.1	2.1
165.5°	1.6	1.6	2.0	2.1	2.2	2.2	2.2	2.2	2.2	2.1	2.2
166°	1.6	1.6	1.9	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2
166.5°	1.6	1.6	1.8	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2
167°	1.5	1.5	1.7	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2
167.5°	1.3	1.3	1.7	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2
168°	1.3	1.3	1.7	2.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2
168.5°	1.3	1.3	1.6	1.9	2.1	2.2	2.2	2.2	2.2	2.2	2.2
169°	1.3	1.3	1.4	1.9	2.0	2.2	2.2	2.2	2.2	2.2	2.2
169.5°	1.3	1.3	1.3	1.8	1.9	2.2	2.2	2.2	2.2	2.2	2.2
170°	1.3	1.3	1.3	1.5	1.9	2.1	2.2	2.2	2.2	2.2	2.2
170.5°	1.3	1.3	1.3	1.4	1.9	2.0	2.1	2.2	2.2	2.2	2.2
171°	1.3	1.3	1.3	1.4	1.8	1.9	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	2.1	2.1	2.2	2.2
172°	1.3	1.3	1.3	1.4	1.8	1.8	2.1	2.1	2.1	2.1	2.1
172.5°	1.3	1.3	1.3	1.4	1.8	1.8	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	1.3	1.4	1.8	2.0	2.1	2.1	2.1	2.0
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	1.8	2.1	2.1	2.1	1.9
175°	1.3	1.3	1.3	1.3	1.4	1.5	1.8	2.0	2.1	2.1	1.9
175.5°	1.3	1.3	1.3	1.3	1.3	1.4	1.8	1.8	2.0	1.9	1.8
176°	1.3	1.3	1.3	1.3	1.3	1.3	1.6	1.8	2.0	1.8	1.8
176.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.8	1.9	1.8	1.5
177°	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.7	1.7	1.8	1.4
177.5°	1.3	1.4	1.3	1.3	1.3	1.4	1.4	1.6	1.6	1.7	1.4
178°	1.4	1.4	1.3	1.4	1.3	1.4	1.4	1.6	1.5	1.4	1.4
178.5°	1.7	1.6	1.5	1.4	1.3	1.3	1.3	1.4	1.4	1.2	1.3



TEST NUMBER: P563524

CATALOG NUMBER: 2NWS23C3-NUV-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: P563524

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

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
0°	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6
0.5°	885.6	889.4	891.3	888.3	889.3	887.1	889.2	889.1	891.4	870.6	898.3
1°	887.4	887.7	889.8	887.2	888.2	887.6	888.1	888.8	887.4	880.1	897.1
1.5°	886.7	888.2	891.3	887.9	887.5	885.4	889.0	888.8	883.4	881.8	900.2
2°	889.5	888.7	889.0	885.8	887.2	885.4	888.3	886.8	885.7	879.7	894.7
2.5°	886.7	886.9	885.4	885.6	886.5	885.6	886.7	885.3	886.1	880.1	894.7
3°	885.1	886.8	887.2	884.1	885.8	885.3	882.2	885.9	886.9	884.5	894.6
3.5°	883.6	874.2	884.7	884.4	884.2	883.4	884.4	884.6	883.0	877.0	893.4
4°	882.6	880.7	884.5	883.1	884.2	881.7	884.5	882.4	884.2	875.3	892.5
4.5°	883.1	885.3	883.9	881.8	883.1	883.8	882.4	881.8	882.6	872.3	897.0
5°	881.3	894.9	884.0	880.7	881.1	878.3	882.9	880.1	880.5	875.5	892.6
5.5°	880.6	881.8	883.3	879.5	879.6	878.0	882.6	880.0	882.3	873.7	889.4
6°	879.6	879.8	878.8	878.3	879.4	878.1	878.9	879.9	879.2	871.9	887.6
6.5°	877.6	878.6	878.8	876.9	877.0	876.1	877.4	876.0	877.3	871.2	887.5
7°	876.1	879.6	877.8	876.3	875.6	875.2	881.3	875.3	876.6	868.3	886.3
7.5°	874.4	875.1	875.8	874.1	874.3	873.0	884.5	874.1	874.6	868.1	883.3
8°	872.6	874.0	873.3	872.0	872.3	869.7	871.2	872.4	872.3	867.1	882.4
8.5°	871.0	871.8	871.1	870.6	870.0	867.6	871.4	869.1	870.6	866.4	879.2
9°	869.4	869.7	869.6	868.0	868.0	865.8	869.3	872.2	868.6	859.8	875.7
9.5°	867.2	868.1	867.7	865.4	866.5	863.9	867.4	864.2	867.1	863.0	879.8
10°	863.6	865.8	865.5	864.5	864.2	863.2	864.0	864.0	873.4	859.1	881.5
10.5°	862.7	863.8	863.1	861.8	861.8	861.1	862.1	862.2	862.9	855.9	871.0
11°	859.9	860.3	860.4	859.2	859.6	857.9	859.9	858.8	857.9	853.3	866.3
11.5°	857.5	858.6	858.6	857.4	857.0	856.8	854.2	856.3	855.7	850.3	866.7
12°	855.4	856.0	856.2	853.9	854.5	853.4	854.1	854.0	853.2	847.8	864.9
12.5°	852.9	852.8	853.1	851.0	851.6	851.4	851.0	855.9	854.1	848.0	865.1
13°	849.7	850.2	850.1	849.5	848.3	849.2	849.4	848.7	849.2	835.3	858.3
13.5°	846.7	847.0	847.6	845.5	846.4	845.1	847.0	845.7	845.9	843.6	857.0
14°	843.6	844.7	843.9	842.1	843.0	841.0	842.3	844.5	843.4	831.1	853.7
14.5°	841.1	840.7	839.6	839.7	840.2	838.5	839.6	841.1	840.5	827.3	850.9
15°	838.2	838.6	839.1	836.9	836.6	835.4	838.3	837.3	836.7	832.1	847.8
15.5°	834.5	834.7	834.4	833.5	833.3	831.5	834.5	833.3	834.1	829.6	847.9
16°	831.7	833.6	831.0	830.0	830.2	830.2	829.6	830.2	831.5	823.9	840.6
16.5°	827.3	826.6	827.9	825.2	826.9	826.9	825.6	826.7	826.5	823.2	836.8
17°	824.2	825.2	823.9	824.0	823.5	821.9	825.7	822.9	824.7	819.7	835.2
17.5°	821.2	821.8	822.3	819.4	819.9	817.6	821.4	824.7	819.9	813.4	829.1
18°	816.8	817.7	817.9	816.5	816.0	814.7	816.9	816.4	817.8	811.3	825.8
18.5°	812.9	813.9	815.8	791.8	812.4	811.0	811.3	810.5	813.3	807.9	823.3
19°	809.1	789.8	809.6	812.7	807.5	806.7	808.1	808.3	808.7	803.3	819.5
19.5°	805.4	807.3	804.8	806.5	803.4	803.0	805.0	803.3	805.5	799.6	814.7
20°	801.6	801.8	800.7	795.6	800.5	798.7	801.1	800.4	801.2	797.0	810.5
20.5°	797.2	796.9	797.4	795.7	795.6	794.6	796.9	794.8	798.6	790.8	808.1
21°	792.5	798.7	793.1	791.4	792.7	790.6	791.4	792.9	789.1	790.3	801.4



TEST NUMBER: P563524

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

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
22.5°	779.4	778.7	780.9	778.1	778.7	777.4	778.3	778.8	780.5	775.4	790.4
23°	775.7	775.2	774.0	773.3	774.7	772.8	775.8	774.5	775.9	770.8	784.6
23.5°	762.0	772.2	770.8	772.6	769.5	767.9	768.6	770.7	770.2	764.1	780.7
24°	764.5	769.6	766.5	764.7	765.5	763.2	765.4	764.8	769.3	757.1	775.9
24.5°	760.0	760.8	759.2	760.1	759.9	758.8	760.5	760.2	762.1	755.3	771.2
25°	755.6	755.4	755.8	755.2	755.3	753.8	754.9	755.3	756.9	749.6	765.8
25.5°	749.6	750.2	751.5	749.4	750.7	748.9	749.5	750.0	748.6	746.5	761.1
26°	745.1	746.1	747.1	745.1	745.1	743.7	745.1	746.8	746.5	740.2	755.4
26.5°	739.4	739.3	740.8	738.8	739.8	738.2	740.3	739.9	743.8	736.4	750.5
27°	734.8	734.0	732.8	735.7	735.0	732.9	735.0	736.0	733.6	731.0	745.4
27.5°	729.1	730.6	732.1	729.6	729.3	727.6	729.4	730.2	731.0	725.4	740.4
28°	723.5	725.1	724.6	724.0	724.5	723.4	723.6	724.3	727.7	720.2	734.4
28.5°	718.4	717.6	720.5	719.2	719.0	716.3	718.5	718.6	717.6	712.8	729.2
29°	712.8	712.3	713.0	713.1	713.4	715.0	712.8	718.0	712.5	708.6	722.3
29.5°	706.4	708.6	708.4	704.9	707.3	706.5	707.0	707.4	708.1	704.3	729.2
30°	691.3	701.4	701.9	701.2	702.0	700.7	702.0	702.0	703.4	698.9	707.3
30.5°	689.3	694.1	697.1	696.6	696.6	694.5	695.9	695.9	697.9	695.6	706.1
31°	686.4	691.1	690.3	690.0	691.0	689.1	690.1	690.9	691.7	687.0	700.9
31.5°	682.7	685.6	684.5	685.4	685.0	683.0	684.1	685.5	685.3	679.8	695.8
32°	677.8	677.8	678.5	679.6	678.9	677.5	678.2	678.4	679.9	675.5	689.6
32.5°	669.8	671.1	672.9	675.0	672.8	671.9	672.0	673.2	674.4	669.5	684.9
33°	663.6	663.9	666.3	666.1	667.0	665.7	666.7	666.4	667.8	662.6	677.2
33.5°	658.7	659.3	660.6	660.9	661.2	659.8	659.1	660.7	660.5	658.0	671.0
34°	651.4	650.7	656.1	654.5	655.0	653.2	655.0	655.5	655.6	651.9	664.8
34.5°	643.9	645.9	648.5	647.5	648.9	647.8	648.1	650.2	649.4	644.4	658.4
35°	637.8	639.5	641.6	641.1	642.6	640.8	642.0	641.5	643.5	639.8	652.1
35.5°	630.4	634.2	639.9	635.0	636.4	635.0	635.9	636.6	636.9	633.4	646.6
36°	624.5	626.2	630.6	629.7	629.8	629.6	629.7	631.2	628.8	627.7	639.8
36.5°	618.3	614.9	622.0	622.7	623.1	622.8	623.2	623.1	625.1	620.9	632.6
37°	608.6	613.4	615.6	616.7	617.3	616.3	616.7	617.4	615.8	614.9	626.3
37.5°	603.2	606.4	608.9	609.4	610.7	609.9	610.3	612.9	611.8	607.7	620.6
38°	598.3	595.9	602.7	603.5	603.8	602.3	603.8	603.7	610.6	602.7	614.6
38.5°	593.4	595.6	596.3	597.6	597.8	596.4	596.7	598.3	597.3	594.8	607.0
39°	581.5	589.2	590.0	590.4	591.3	590.1	591.3	591.4	597.3	589.5	600.2
39.5°	577.7	580.5	582.2	583.7	584.6	584.0	584.5	585.7	586.1	581.2	596.8
40°	567.1	571.6	575.5	576.8	578.1	576.8	578.0	579.3	579.7	575.5	585.5
40.5°	563.7	567.7	569.1	569.5	571.5	570.1	571.0	571.1	571.6	568.5	580.6
41°	555.1	558.3	561.1	559.8	564.6	563.2	564.4	564.5	566.2	559.7	570.1
41.5°	549.3	550.4	554.2	556.0	557.8	557.7	557.7	557.9	558.9	557.0	563.9
42°	540.9	545.6	549.1	550.1	551.5	550.0	550.9	553.4	552.9	550.2	560.1
42.5°	533.7	538.3	541.6	542.6	543.6	544.0	544.2	543.1	545.2	541.9	554.1
43°	526.5	529.4	533.0	537.1	537.5	536.7	537.1	537.7	534.3	536.3	546.7
43.5°	519.8	525.3	526.4	528.1	530.4	529.5	530.7	532.1	531.7	528.2	542.0



TEST NUMBER: P563524

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

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
45°	497.4	503.6	505.2	507.4	510.0	509.4	510.1	510.0	511.2	509.5	518.8
45.5°	490.8	496.3	499.7	503.1	503.2	501.7	503.4	503.6	505.5	501.1	513.1
46°	483.5	488.9	492.1	493.3	496.3	495.8	496.0	496.8	498.0	494.2	506.3
46.5°	475.5	481.2	485.4	487.3	489.0	489.1	490.3	490.1	491.0	486.8	496.0
47°	468.9	475.7	477.9	479.9	482.3	482.3	482.6	482.3	483.4	481.5	489.6
47.5°	462.5	466.8	471.3	478.6	475.3	475.2	475.9	476.4	477.0	475.1	484.7
48°	454.8	459.4	464.8	466.9	468.6	468.4	468.3	469.3	470.8	470.5	476.0
48.5°	447.5	453.1	457.7	459.0	461.6	461.6	463.3	462.9	463.8	459.4	469.3
49°	441.0	445.1	448.8	451.0	454.7	454.4	455.2	455.8	456.0	454.7	464.3
49.5°	433.8	437.9	443.8	448.8	447.8	448.2	448.4	448.7	449.6	448.3	456.4
50°	426.5	431.2	437.1	439.3	441.2	441.0	441.4	441.8	442.7	440.2	450.8
50.5°	419.3	424.2	429.7	430.7	434.1	434.6	434.4	435.3	435.3	435.4	441.4
51°	412.6	417.4	421.9	425.1	427.0	427.3	428.8	428.9	428.8	424.8	434.7
51.5°	404.8	410.0	415.4	417.6	420.4	420.0	422.9	421.3	421.9	419.2	427.7
52°	398.4	403.1	409.2	410.9	413.5	413.3	414.6	414.9	415.4	414.2	421.2
52.5°	391.8	396.2	402.7	406.2	406.7	407.3	407.2	407.7	408.0	405.3	413.7
53°	384.9	389.7	395.8	398.4	399.7	401.0	400.1	400.5	401.2	400.5	408.2
53.5°	378.2	382.6	388.6	390.4	392.7	394.0	393.3	393.9	393.9	392.5	400.6
54°	370.5	375.6	381.1	383.3	386.2	386.5	388.3	387.2	387.6	386.0	392.6
54.5°	364.9	368.8	373.4	377.5	379.1	379.2	380.2	380.1	380.9	378.9	388.4
55°	357.3	362.7	368.1	370.8	372.6	372.7	373.0	373.5	374.1	372.5	378.8
55.5°	350.9	355.5	360.1	365.1	365.7	365.9	365.3	366.2	368.0	365.3	373.6
56°	344.0	348.8	354.2	357.4	359.0	361.6	358.8	359.8	360.5	358.6	365.3
56.5°	337.7	342.4	347.3	350.4	352.3	352.6	353.8	352.8	354.0	352.7	358.6
57°	331.4	335.5	341.8	343.3	345.4	345.5	345.9	346.0	345.8	345.4	353.5
57.5°	324.4	328.8	333.3	336.5	338.8	337.9	338.3	339.1	340.1	340.4	346.2
58°	318.1	322.5	327.4	330.6	331.8	332.5	332.1	332.7	333.5	331.9	335.8
58.5°	311.4	315.5	320.8	324.2	325.2	326.7	325.6	326.9	326.2	325.2	331.7
59°	305.2	309.3	313.4	316.5	318.9	319.5	319.2	319.0	319.1	318.5	325.2
59.5°	299.0	300.2	308.5	309.6	312.3	311.8	311.7	312.4	312.5	311.7	319.4
60°	292.8	296.3	300.8	303.2	306.0	305.2	304.9	306.8	306.4	306.0	312.6
60.5°	286.4	290.2	295.9	296.5	298.9	300.0	299.1	299.0	299.3	299.3	305.7
61°	280.1	284.0	286.6	290.6	291.8	293.0	292.4	291.1	292.9	292.4	299.1
61.5°	274.1	277.8	282.6	283.8	285.6	285.4	285.4	285.7	286.7	286.4	290.9
62°	267.9	271.3	275.5	277.5	279.0	279.1	278.9	279.0	279.8	279.6	286.0
62.5°	262.1	265.2	268.9	270.8	273.3	273.0	272.3	272.6	274.1	273.0	278.2
63°	255.8	259.2	262.7	264.4	266.3	266.2	265.5	265.7	267.0	266.5	272.5
63.5°	250.0	253.1	256.5	257.3	259.8	259.2	259.2	259.0	260.3	260.1	265.7
64°	244.1	247.0	250.0	252.9	253.7	253.2	252.5	253.4	255.3	253.4	259.6
64.5°	238.2	241.1	244.3	247.8	247.2	246.9	246.1	247.6	247.5	247.5	253.8
65°	232.5	235.3	238.1	240.3	240.6	240.0	239.5	239.9	240.4	241.2	245.9
65.5°	226.9	229.3	232.1	233.8	234.2	233.7	234.0	233.4	234.9	234.6	239.7
66°	220.9	223.6	226.0	227.5	228.4	227.5	226.8	226.9	228.6	228.4	233.7



TEST NUMBER: P563524

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

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
67.5°	204.2	206.4	208.4	209.1	209.4	208.2	207.5	208.1	209.3	208.6	215.3
68°	198.9	200.8	202.5	204.1	203.4	202.3	201.4	201.6	203.1	203.6	209.1
68.5°	193.4	195.1	196.8	197.3	197.3	195.9	195.1	195.6	196.6	197.4	203.1
69°	188.1	189.6	191.2	191.5	191.3	189.8	188.8	189.2	190.3	190.7	197.3
69.5°	182.8	184.1	185.2	185.4	185.0	183.3	182.5	182.5	183.9	184.8	190.5
70°	177.5	178.8	179.5	179.8	179.5	177.7	176.3	176.6	177.6	178.4	184.8
70.5°	172.1	173.2	174.1	173.9	173.2	171.3	170.1	170.6	171.8	173.8	178.7
71°	166.9	168.1	168.5	168.5	167.3	165.5	164.4	164.2	166.1	167.0	172.5
71.5°	161.8	162.8	163.5	163.0	161.6	159.9	158.1	158.4	159.9	161.1	167.8
72°	156.9	157.6	157.9	157.4	155.6	153.4	152.2	152.2	153.8	155.2	161.2
72.5°	151.9	152.6	152.2	151.7	149.9	147.5	146.0	146.5	147.4	149.5	154.4
73°	147.0	147.2	147.5	146.2	144.3	141.8	140.1	140.8	141.7	144.0	149.4
73.5°	142.1	142.4	141.9	140.8	138.8	135.8	134.3	135.1	136.0	138.4	144.0
74°	137.1	137.2	136.9	135.3	133.0	129.8	128.2	129.4	130.3	132.8	138.6
74.5°	132.5	132.4	132.0	130.0	127.6	124.5	122.4	123.7	124.6	127.3	133.2
75°	127.9	127.6	126.6	124.8	122.1	118.8	116.7	117.8	119.3	121.7	127.8
75.5°	123.3	122.8	122.1	119.7	116.9	113.6	111.1	111.8	113.5	116.2	122.4
76°	118.5	118.1	117.9	114.6	111.4	107.7	105.5	106.0	107.9	111.1	116.9
76.5°	114.1	113.4	112.3	109.5	106.2	102.5	99.8	100.6	102.3	105.0	111.6
77°	109.6	108.8	107.4	104.6	101.1	97.2	94.4	95.0	97.2	99.7	106.3
77.5°	105.2	104.2	102.5	99.5	95.9	91.4	89.1	89.5	91.2	94.4	101.2
78°	100.8	99.8	98.0	94.6	91.0	86.7	83.8	84.0	86.2	89.2	96.4
78.5°	96.7	95.5	93.3	90.0	86.2	81.7	78.6	78.8	80.7	84.1	91.0
79°	92.5	91.1	88.7	85.5	81.2	76.8	73.5	73.6	75.6	79.1	86.5
79.5°	88.3	86.9	84.4	80.9	76.5	71.7	68.4	68.5	70.3	74.2	81.1
80°	84.5	82.8	80.0	76.3	71.8	67.0	63.5	63.2	65.5	69.3	75.7
80.5°	80.6	78.8	76.1	72.0	67.4	62.4	58.5	58.5	60.8	64.7	72.1
81°	76.8	74.8	71.9	67.8	63.0	58.7	54.2	53.9	56.1	60.1	67.2
81.5°	73.2	71.1	67.8	63.6	58.3	54.4	50.0	49.1	51.3	55.8	63.2
82°	69.6	67.4	64.3	59.5	54.5	50.1	45.8	44.5	46.9	51.3	58.3
82.5°	66.1	63.8	60.5	56.0	50.8	45.9	41.6	40.2	42.6	47.2	54.1
83°	62.7	60.4	57.2	52.5	47.0	41.6	37.5	36.2	38.4	42.9	50.1
83.5°	59.2	57.3	54.0	49.0	43.3	37.8	33.6	32.2	34.5	39.1	46.2
84°	56.4	54.3	50.7	45.5	39.7	34.0	29.8	28.4	30.8	35.4	42.5
84.5°	53.6	51.3	47.5	42.0	36.2	30.4	26.2	24.7	27.0	31.9	38.9
85°	50.9	48.2	44.2	38.8	32.9	26.9	22.7	21.3	23.6	28.3	35.4
85.5°	48.1	45.2	41.2	35.8	29.8	23.8	19.4	18.4	20.3	25.3	32.0
86°	45.3	42.4	38.4	32.8	26.8	20.7	16.2	15.5	17.6	22.0	29.0
86.5°	42.6	39.7	35.5	30.1	24.0	17.9	13.4	12.6	15.0	19.2	25.9
87°	40.0	37.1	32.8	27.5	21.5	15.4	10.8	9.7	12.3	16.9	23.1
87.5°	37.6	34.6	30.4	25.0	19.1	13.1	8.5	6.8	9.6	14.6	20.4
88°	35.1	32.2	28.0	22.7	16.8	11.0	6.3	4.6	7.0	12.3	18.2
88.5°	32.8	29.9	25.7	20.6	14.8	9.1	5.1	2.9	5.0	10.0	16.0



TEST NUMBER: P563524

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

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
90°	26.6	23.8	19.8	14.9	9.7	5.2	1.5	0.2	1.6	4.7	9.5
90.5°	24.8	21.9	18.0	13.3	8.4	4.3	1.0	0.2	1.0	3.7	7.9
91°	23.0	20.2	16.4	11.9	7.2	3.4	0.7	0.2	0.7	2.8	6.6
91.5°	21.3	18.5	14.8	10.5	6.1	2.5	0.5	0.2	0.6	2.2	5.4
92°	19.6	17.0	13.4	9.3	5.4	2.0	0.4	0.2	0.5	1.8	4.5
92.5°	18.1	15.5	12.1	8.1	4.6	1.6	0.3	0.2	0.4	1.5	3.8
93°	16.6	14.2	10.9	7.1	3.9	1.3	0.3	0.1	0.4	1.4	3.2
93.5°	15.3	12.9	9.8	6.3	3.1	1.1	0.2	0.1	0.4	1.3	2.8
94°	14.0	11.8	8.8	5.6	2.7	1.0	0.2	0.1	0.4	1.2	2.6
94.5°	12.9	10.8	7.8	5.0	2.4	0.8	0.2	0.2	0.4	1.2	2.4
95°	11.8	9.7	7.0	4.4	2.1	0.8	0.2	0.2	0.4	1.1	2.3
95.5°	10.8	8.8	6.3	3.8	1.9	0.7	0.3	0.2	0.4	1.1	2.2
96°	9.8	8.0	5.7	3.4	1.7	0.6	0.3	0.2	0.4	1.1	2.1
96.5°	9.0	7.2	5.2	3.0	1.5	0.5	0.3	0.3	0.3	1.1	2.0
97°	8.2	6.5	4.6	2.7	1.4	0.5	0.3	0.3	0.3	1.0	2.0
97.5°	7.5	6.0	4.1	2.5	1.3	0.5	0.3	0.3	0.3	1.0	1.9
98°	6.9	5.5	3.8	2.3	1.2	0.5	0.3	0.4	0.3	1.0	1.9
98.5°	6.3	5.0	3.5	2.2	1.1	0.5	0.3	0.4	0.3	1.0	1.9
99°	5.8	4.5	3.2	2.0	1.0	0.5	0.4	0.4	0.3	1.0	1.9
99.5°	5.4	4.2	3.0	1.9	0.9	0.5	0.4	0.4	0.4	1.0	1.8
100°	5.0	3.9	2.9	1.8	0.9	0.5	0.4	0.5	0.4	1.0	1.8
100.5°	4.6	3.7	2.7	1.7	0.8	0.5	0.5	0.5	0.4	1.0	1.8
101°	4.3	3.5	2.6	1.5	0.8	0.6	0.5	0.5	0.4	1.0	1.8
101.5°	4.1	3.4	2.4	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°	3.7	3.0	2.2	1.3	0.8	0.7	0.7	0.7	0.6	1.0	1.8
103°	3.5	2.9	2.1	1.2	0.8	0.7	0.7	0.7	0.6	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°	3.2	2.6	1.9	1.1	0.8	0.8	0.8	0.9	0.8	0.9	1.8
104.5°	3.0	2.5	1.8	1.1	0.9	0.8	0.8	1.0	0.8	0.9	1.8
105°	2.9	2.3	1.7	1.1	0.9	0.8	0.9	1.0	0.9	0.9	1.8
105.5°	2.7	2.2	1.6	1.1	0.9	0.9	0.9	1.0	0.9	1.0	1.8
106°	2.6	2.1	1.5	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	1.1	1.2	1.0	1.8
107°	2.4	1.9	1.4	1.1	1.1	0.9	1.4	1.2	1.4	1.0	1.8
107.5°	2.2	1.8	1.4	1.1	1.1	1.0	1.4	1.3	1.4	1.0	1.8
108°	2.1	1.8	1.3	1.1	1.1	1.0	1.4	1.3	1.3	1.0	1.8
108.5°	2.0	1.7	1.3	1.1	1.1	1.0	1.4	1.3	1.3	1.0	1.7
109°	2.0	1.6	1.3	1.1	1.0	1.0	1.4	1.3	1.3	1.1	1.6
109.5°	1.9	1.6	1.3	1.2	1.0	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	1.3	1.1	1.5
111°	1.6	1.4	1.3	1.2	1.1	1.2	1.5	1.5	1.4	1.2	1.5



TEST NUMBER: P563524

CATALOG NUMBER: 2NWS23C3-NUV-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	1.2	1.3	1.5	1.5	1.4	1.3	1.4
113°	1.5	1.4	1.4	1.2	1.2	1.3	1.5	1.5	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	1.3
114.5°	1.5	1.5	1.5	1.1	1.3	1.4	1.6	1.6	1.4	1.4	1.2
115°	1.5	1.5	1.5	1.1	1.3	1.4	1.6	1.6	1.4	1.5	1.2
115.5°	1.5	1.6	1.5	1.2	1.3	1.5	1.6	1.6	1.4	1.5	1.2
116°	1.6	1.6	1.5	1.2	1.3	1.5	1.6	1.6	1.4	1.5	1.2
116.5°	1.6	1.6	1.4	1.2	1.4	1.5	1.6	1.6	1.4	1.5	1.2
117°	1.6	1.6	1.3	1.3	1.4	1.6	1.6	1.6	1.4	1.5	1.2
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	1.2	1.3	1.4	1.8	1.6	1.5	1.4	1.7	1.3
118.5°	1.7	1.7	1.3	1.4	1.5	1.9	1.6	1.5	1.4	1.9	1.3
119°	1.7	1.6	1.3	1.4	1.5	1.9	1.6	1.5	1.4	2.0	1.3
119.5°	1.7	1.5	1.3	1.4	1.5	1.9	1.6	1.5	1.4	2.0	1.4
120°	1.8	1.4	1.3	1.4	1.6	1.9	1.6	1.5	1.4	1.9	1.4
120.5°	1.8	1.3	1.4	1.5	1.6	1.8	1.7	1.5	1.4	1.8	1.4
121°	1.7	1.3	1.4	1.5	1.6	1.8	1.7	1.5	1.5	1.8	1.4
121.5°	1.6	1.3	1.4	1.5	1.6	1.7	1.7	1.5	1.5	1.8	1.5
122°	1.4	1.3	1.5	1.5	1.7	1.7	1.7	1.6	1.5	1.8	1.5
122.5°	1.3	1.4	1.5	1.6	1.7	1.7	1.8	1.6	1.5	1.8	1.5
123°	1.3	1.4	1.5	1.6	1.7	1.8	1.8	1.6	1.5	1.8	1.6
123.5°	1.3	1.4	1.5	1.6	1.8	1.8	1.8	1.6	1.5	1.8	1.6
124°	1.4	1.5	1.6	1.7	1.8	1.8	1.8	1.6	1.6	1.8	1.6
124.5°	1.4	1.5	1.6	1.7	1.8	1.8	1.8	1.6	1.6	1.9	1.6
125°	1.4	1.5	1.6	1.7	1.9	1.9	1.8	1.6	1.6	1.9	1.7
125.5°	1.4	1.5	1.6	1.7	2.0	1.9	1.8	1.6	1.6	1.9	1.7
126°	1.5	1.6	1.7	1.8	2.1	1.9	1.9	1.6	1.6	1.9	1.7
126.5°	1.5	1.6	1.7	1.8	2.2	1.9	1.9	1.6	1.6	1.9	1.8
127°	1.5	1.6	1.7	1.8	2.3	1.9	1.9	1.6	1.6	1.9	1.9
127.5°	1.5	1.6	1.8	1.8	2.3	1.9	1.9	1.6	1.6	1.9	2.0
128°	1.6	1.7	1.8	1.9	2.4	1.8	1.9	1.7	1.6	1.8	2.2
128.5°	1.6	1.7	1.8	1.9	2.3	1.8	1.9	1.7	1.7	1.8	2.3
129°	1.6	1.7	1.8	1.9	2.3	1.8	1.9	1.7	1.7	1.8	2.3
129.5°	1.7	1.7	1.8	2.0	2.3	1.8	1.9	1.7	1.7	1.8	2.3
130°	1.7	1.8	1.9	2.0	2.2	1.8	1.9	1.7	1.7	1.8	2.1
130.5°	1.7	1.8	1.9	2.0	2.2	1.8	1.9	1.7	1.7	1.8	2.1
131°	1.7	1.8	1.9	2.1	2.2	1.8	1.9	1.7	1.7	1.8	2.1
131.5°	1.8	1.8	1.9	2.1	2.2	1.8	1.9	1.7	1.7	1.8	2.1
132°	1.8	1.8	2.0	2.2	2.2	1.8	1.9	1.7	1.7	1.7	2.1
132.5°	1.8	1.9	2.0	2.3	2.2	1.8	1.9	1.7	1.7	1.7	2.1
133°	1.8	1.9	2.0	2.5	2.1	1.8	1.9	1.7	1.7	1.7	2.1
133.5°	1.8	1.9	2.0	2.6	2.1	1.8	2.0	1.8	1.7	1.8	2.1



TEST NUMBER: P563524

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

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
135°	1.9	2.0	2.1	2.9	2.2	1.9	2.0	1.8	1.8	1.8	2.2
135.5°	1.9	2.0	2.2	2.9	2.2	1.9	2.0	1.8	1.8	1.8	2.2
136°	2.0	2.0	2.2	2.8	2.2	1.9	2.0	1.7	1.8	1.8	2.2
136.5°	2.0	2.1	2.3	2.7	2.2	1.9	2.0	1.8	1.8	1.9	2.2
137°	2.0	2.1	2.4	2.6	2.2	1.9	2.0	1.8	1.8	1.9	2.2
137.5°	2.0	2.1	2.5	2.5	2.2	2.0	2.1	1.8	1.8	1.9	2.2
138°	2.1	2.2	2.7	2.5	2.2	2.0	2.1	1.8	1.8	1.9	2.2
138.5°	2.1	2.2	2.8	2.5	2.2	2.1	2.1	1.8	1.8	2.0	2.2
139°	2.1	2.2	2.9	2.5	2.1	2.1	2.1	1.8	1.8	2.0	2.2
139.5°	2.1	2.3	3.1	2.4	2.1	2.1	2.1	1.9	1.8	2.0	2.1
140°	2.2	2.3	3.1	2.5	2.0	2.1	2.1	1.9	1.9	2.0	2.1
140.5°	2.2	2.4	3.0	2.5	2.0	2.1	2.2	1.9	1.9	2.1	2.1
141°	2.2	2.6	2.9	2.5	1.9	2.2	2.2	1.9	1.9	2.1	2.1
141.5°	2.3	2.7	2.8	2.6	1.9	2.2	2.2	1.9	1.9	2.1	2.1
142°	2.3	2.9	2.7	2.6	1.9	2.2	2.2	1.9	1.9	2.1	2.0
142.5°	2.4	3.0	2.6	2.5	1.9	2.2	2.2	1.9	1.9	2.2	2.0
143°	2.6	3.1	2.6	2.5	1.9	2.2	2.1	1.9	1.9	2.2	2.0
143.5°	2.7	3.1	2.5	2.5	1.9	2.2	2.1	1.9	1.9	2.2	2.0
144°	2.9	3.0	2.5	2.4	1.9	2.2	2.1	1.9	1.9	2.2	2.0
144.5°	3.0	2.9	2.5	2.4	2.0	2.2	2.0	1.9	1.9	2.2	2.0
145°	3.1	2.8	2.6	2.3	2.0	2.2	2.0	1.9	1.9	2.2	2.0
145.5°	3.2	2.7	2.6	2.3	2.0	2.2	2.0	1.9	1.9	2.2	2.0
146°	3.1	2.6	2.6	2.2	2.0	2.3	2.0	1.9	1.9	2.2	2.1
146.5°	3.0	2.6	2.6	2.1	2.0	2.3	2.0	1.9	1.9	2.3	2.1
147°	2.9	2.6	2.6	2.0	2.0	2.3	2.0	1.9	1.9	2.3	2.1
147.5°	2.7	2.5	2.6	2.0	2.0	2.3	2.0	2.0	1.9	2.3	2.1
148°	2.7	2.6	2.5	1.9	2.1	2.3	2.0	2.0	1.9	2.3	2.2
148.5°	2.6	2.6	2.4	1.9	2.1	2.2	2.0	2.0	1.9	2.3	2.2
149°	2.6	2.6	2.4	1.9	2.1	2.2	2.1	2.0	1.9	2.3	2.2
149.5°	2.6	2.6	2.3	1.9	2.1	2.2	2.0	2.0	1.9	2.3	2.2
150°	2.6	2.6	2.2	1.9	2.1	2.2	2.0	2.0	1.9	2.3	2.2
150.5°	2.6	2.6	2.1	1.9	2.1	2.2	2.0	2.0	1.9	2.3	2.2
151°	2.6	2.5	2.1	1.9	2.2	2.2	2.0	2.0	1.9	2.3	2.3
151.5°	2.6	2.4	2.0	1.9	2.2	2.2	2.0	2.0	1.9	2.3	2.3
152°	2.6	2.4	1.9	1.9	2.2	2.3	2.1	2.0	1.9	2.3	2.3
152.5°	2.6	2.3	1.9	1.9	2.2	2.3	2.1	2.0	1.9	2.3	2.3
153°	2.5	2.2	1.9	2.0	2.2	2.3	2.0	1.9	1.9	2.3	2.3
153.5°	2.4	2.1	1.8	2.0	2.2	2.3	2.0	1.9	1.9	2.3	2.3
154°	2.3	2.0	1.8	2.0	2.2	2.2	2.0	1.9	1.8	2.3	2.3
154.5°	2.2	1.9	1.8	2.0	2.2	2.2	2.0	1.9	1.8	2.3	2.4
155°	2.1	1.9	1.9	2.1	2.2	2.2	2.0	1.9	1.8	2.3	2.4
155.5°	2.0	1.8	1.9	2.1	2.2	2.2	2.0	1.9	1.8	2.3	2.4
156°	1.9	1.8	1.9	2.1	2.2	2.2	2.0	1.9	1.8	2.2	2.4



TEST NUMBER: P563524

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

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P563524

CATALOG NUMBER: 2NWS23C3-NUV-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: P563524

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

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
0°	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6
0.5°	889.8	888.2	888.5	893.0	889.9	888.9	887.7	888.3	890.0	889.6	888.3
1°	892.2	887.7	888.5	889.7	890.3	890.1	887.3	887.5	889.0	887.6	888.3
1.5°	888.1	888.2	887.7	889.3	889.6	887.9	887.9	888.9	889.0	889.8	888.0
2°	886.9	887.3	887.7	889.4	889.7	892.0	887.2	886.5	889.6	889.7	890.0
2.5°	886.9	886.9	886.8	891.4	888.9	888.8	887.5	887.6	889.2	891.3	888.2
3°	886.1	886.5	886.5	887.9	887.9	888.2	885.7	887.2	889.1	889.9	887.6
3.5°	885.0	885.8	885.8	886.3	887.3	886.6	886.9	886.3	887.8	888.5	886.2
4°	884.5	884.3	885.4	887.7	886.3	886.5	885.9	885.8	887.3	886.7	886.9
4.5°	883.0	883.4	884.1	888.1	887.2	886.8	885.6	885.2	886.7	886.9	885.9
5°	881.5	883.0	883.3	884.8	885.8	883.3	884.3	884.2	886.2	886.4	884.8
5.5°	880.8	881.4	881.7	888.4	883.9	885.9	882.3	883.5	884.9	886.0	884.5
6°	879.5	880.0	880.4	883.1	882.6	881.7	883.1	882.7	884.3	884.7	884.5
6.5°	878.5	878.5	879.4	880.5	881.4	880.2	881.5	881.5	882.7	883.9	882.7
7°	876.7	877.1	878.4	880.0	879.7	880.5	879.5	879.5	882.4	883.1	881.7
7.5°	874.9	876.0	876.4	877.7	878.8	881.2	879.0	878.8	880.4	880.9	880.0
8°	873.7	874.3	874.8	877.4	877.0	877.1	875.2	877.1	879.5	880.1	879.0
8.5°	872.3	872.0	873.2	874.9	875.9	872.3	874.6	875.3	877.8	878.3	877.1
9°	869.7	870.2	871.1	872.5	872.1	874.5	871.7	874.1	876.5	876.7	875.7
9.5°	867.6	868.4	869.0	871.8	871.1	873.4	870.8	872.1	874.6	876.4	874.4
10°	866.1	866.7	866.5	869.9	869.6	869.5	869.7	870.8	872.4	877.4	873.0
10.5°	863.6	863.6	865.3	867.6	867.5	867.3	867.8	868.1	870.9	873.4	870.8
11°	861.1	861.7	863.0	866.7	867.6	865.1	867.0	866.2	868.5	886.9	868.4
11.5°	858.5	859.4	860.3	865.4	863.2	862.5	864.7	864.0	866.7	866.7	865.2
12°	855.7	857.0	857.9	859.9	861.1	860.3	861.7	862.2	864.5	864.7	864.2
12.5°	853.9	854.6	856.1	856.4	858.1	857.0	858.9	860.3	861.5	862.6	861.8
13°	850.9	852.1	853.3	855.4	854.9	859.1	857.6	857.2	859.4	860.2	861.3
13.5°	848.5	848.9	849.8	860.3	854.8	850.1	852.4	855.8	856.7	858.1	857.1
14°	844.8	846.2	847.0	849.4	850.5	848.0	851.2	852.0	853.9	855.1	854.7
14.5°	842.2	843.4	843.7	846.7	848.1	849.8	847.3	848.4	851.6	852.0	852.0
15°	839.6	840.6	841.1	843.6	848.9	849.7	844.9	846.6	848.8	850.0	849.1
15.5°	836.6	836.8	837.9	838.6	840.0	842.0	841.5	843.6	845.9	846.5	846.8
16°	832.5	833.5	834.9	840.3	836.9	840.7	838.8	840.1	842.5	844.2	842.8
16.5°	829.8	830.3	831.1	833.6	833.7	837.9	835.5	837.6	839.1	840.6	839.4
17°	826.6	827.2	828.1	831.3	831.2	832.6	832.5	833.7	835.5	837.6	836.6
17.5°	822.7	823.4	824.2	828.8	827.4	827.0	828.8	829.3	832.8	833.6	834.4
18°	818.8	819.7	821.2	821.6	823.5	825.6	825.8	826.4	829.0	830.6	831.3
18.5°	815.2	816.4	817.2	820.1	821.6	821.3	821.5	822.8	825.4	827.6	827.1
19°	811.2	812.5	813.5	818.4	816.7	815.1	817.1	820.6	821.4	823.2	823.4
19.5°	808.3	808.1	809.5	810.7	812.0	813.4	814.5	810.9	818.0	819.5	820.5
20°	803.3	804.3	805.5	808.1	807.5	809.4	809.6	809.8	814.2	816.2	816.4
20.5°	799.2	800.5	801.1	803.9	804.8	804.6	805.6	807.9	810.1	812.4	812.2
21°	794.5	795.8	797.1	799.8	797.6	798.9	800.8	805.0	804.8	807.9	808.2



TEST NUMBER: P563524

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

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
22.5°	782.0	782.7	783.8	783.6	786.5	787.3	788.2	789.2	794.3	795.0	796.2
23°	777.6	778.3	779.4	778.5	781.0	783.0	783.8	784.6	788.9	791.0	790.9
23.5°	772.8	773.7	774.3	777.2	776.1	778.7	779.0	781.0	784.4	786.8	787.3
24°	768.0	769.1	769.9	772.9	773.6	773.6	774.9	776.8	779.8	782.2	782.7
24.5°	762.9	764.0	764.7	770.6	767.0	764.4	769.7	772.3	775.3	777.1	778.4
25°	758.1	758.9	759.7	761.7	760.9	765.1	764.8	767.3	770.0	772.7	773.2
25.5°	753.0	754.3	754.7	755.8	758.3	758.8	759.2	761.7	765.5	768.1	769.4
26°	748.5	749.2	750.0	750.8	752.7	752.6	754.9	757.0	759.3	763.1	763.2
26.5°	743.5	744.1	744.1	746.1	746.7	747.8	750.6	750.6	755.4	757.7	759.4
27°	737.9	738.6	739.5	741.7	741.3	741.8	743.6	746.3	744.0	752.9	753.4
27.5°	733.1	732.8	733.5	736.2	736.2	736.6	740.2	741.0	745.2	747.4	749.5
28°	727.0	727.5	728.3	728.9	729.0	731.0	732.1	736.8	739.3	742.2	743.9
28.5°	722.0	722.2	723.2	722.8	724.5	728.5	725.7	729.1	733.7	737.9	737.9
29°	716.1	717.0	717.7	722.2	718.4	720.1	719.6	726.9	729.3	732.4	733.1
29.5°	710.6	711.0	711.7	712.4	714.1	714.0	716.7	719.2	723.0	726.6	727.0
30°	705.1	705.2	705.7	708.1	707.1	708.1	710.1	709.1	717.2	721.0	722.1
30.5°	699.2	699.6	699.9	701.5	701.2	700.8	704.2	707.4	711.7	714.9	716.5
31°	693.2	693.8	694.2	694.7	695.3	695.9	696.3	703.0	705.8	709.6	714.0
31.5°	688.0	688.1	688.0	689.1	688.1	691.7	691.2	693.2	699.5	703.2	705.2
32°	681.8	682.2	682.2	684.2	683.7	683.1	685.2	690.9	694.1	698.0	699.6
32.5°	676.2	675.9	675.9	676.8	676.4	677.7	679.5	682.6	687.8	692.3	694.2
33°	669.8	670.1	669.9	669.4	670.1	668.3	672.8	677.8	681.7	686.0	687.9
33.5°	663.9	663.6	663.1	663.6	664.5	660.2	666.3	669.4	675.5	680.0	681.8
34°	657.6	657.1	656.9	657.8	657.5	664.3	659.2	664.6	669.5	673.3	675.3
34.5°	651.9	651.6	650.9	651.6	650.2	650.0	653.7	658.2	663.0	667.3	669.2
35°	645.3	644.8	644.3	645.3	644.0	640.2	647.7	649.5	656.5	661.1	664.0
35.5°	639.0	638.5	637.7	638.6	637.5	639.7	641.1	644.6	650.4	654.7	657.3
36°	632.5	632.0	631.3	633.2	631.2	633.3	633.4	636.6	643.7	648.6	651.7
36.5°	627.1	626.1	625.0	625.1	623.7	623.0	628.6	631.1	637.3	642.6	645.0
37°	619.8	619.6	618.1	616.9	616.1	617.5	619.3	624.9	630.3	635.9	638.6
37.5°	613.1	612.5	611.1	611.2	611.2	610.7	613.6	617.8	623.4	629.2	633.1
38°	606.6	605.9	604.8	604.9	602.8	602.4	606.1	611.5	617.1	622.3	624.6
38.5°	600.2	599.3	598.0	597.9	596.5	596.6	599.4	604.4	610.5	615.7	618.7
39°	593.7	592.5	591.2	592.8	588.9	588.5	591.8	597.5	603.6	609.3	612.6
39.5°	587.2	586.2	584.2	583.1	582.4	585.6	584.5	590.8	596.8	602.3	605.8
40°	580.2	578.8	577.2	576.1	575.5	576.0	577.4	583.6	589.8	596.0	598.4
40.5°	573.6	572.5	570.4	569.7	567.6	569.3	570.5	576.0	582.5	588.6	592.3
41°	566.9	565.5	563.2	562.1	565.5	562.0	564.0	568.6	575.8	582.3	586.1
41.5°	560.5	558.6	556.6	561.0	554.3	553.8	557.4	561.3	569.3	575.0	579.3
42°	553.4	552.1	549.8	548.1	545.8	547.4	549.6	554.4	562.3	568.1	572.0
42.5°	546.4	544.8	542.7	540.4	539.0	541.0	542.3	547.5	555.3	561.0	565.2
43°	539.6	538.0	535.6	532.9	532.9	532.1	535.5	540.5	547.7	554.3	559.2
43.5°	533.1	531.2	528.5	527.0	525.0	524.6	528.2	532.5	540.5	547.1	551.6



TEST NUMBER: P563524

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

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
45°	512.3	510.1	507.1	506.8	504.3	503.6	506.5	513.3	520.0	526.2	530.6
45.5°	505.2	503.0	500.4	498.4	496.2	496.5	498.7	503.6	512.6	519.4	524.5
46°	498.6	496.1	493.3	490.7	489.5	489.4	491.1	500.0	505.3	512.5	516.6
46.5°	491.4	488.8	486.4	485.3	482.5	482.1	484.9	491.6	498.1	505.4	509.7
47°	484.5	482.1	478.9	476.6	473.0	475.1	477.4	485.3	491.0	498.2	502.6
47.5°	477.8	475.1	472.1	468.6	468.1	467.8	470.3	477.3	484.0	491.0	495.9
48°	470.6	468.3	464.9	463.0	460.7	460.6	463.6	468.3	476.8	483.8	489.0
48.5°	463.7	461.2	458.0	454.9	452.8	453.4	456.3	460.7	469.6	477.0	483.4
49°	456.6	454.5	450.8	448.9	443.4	446.6	448.7	455.1	462.6	469.6	474.4
49.5°	449.9	447.3	443.8	441.4	439.4	439.2	441.5	445.9	455.5	462.9	468.6
50°	442.7	440.2	436.9	434.3	431.8	432.3	434.8	440.3	448.5	455.5	458.8
50.5°	435.9	433.2	430.0	427.3	424.3	425.1	427.4	434.2	441.3	448.4	453.1
51°	429.2	426.1	423.0	420.4	418.2	418.3	420.5	424.8	434.3	441.5	446.4
51.5°	422.6	419.3	415.9	413.1	410.8	411.0	413.9	419.3	427.0	434.2	439.8
52°	415.0	412.6	409.2	406.7	404.0	404.3	406.8	410.7	420.3	427.6	432.8
52.5°	408.3	405.5	402.0	399.4	396.9	397.4	399.9	404.3	412.9	420.3	425.5
53°	400.6	398.6	395.4	392.9	390.1	390.7	392.9	399.0	406.4	413.4	418.3
53.5°	381.7	391.7	388.6	384.9	382.9	383.5	386.0	391.2	398.8	406.3	411.5
54°	387.7	385.1	381.6	377.1	376.4	377.1	379.4	385.4	392.3	399.5	404.7
54.5°	380.4	378.2	374.8	373.5	370.2	370.3	372.8	379.1	385.4	392.4	397.4
55°	373.6	371.6	368.0	365.8	362.6	363.8	365.8	370.4	378.4	385.6	390.9
55.5°	367.8	364.9	361.5	358.8	355.6	356.9	359.2	365.2	371.7	378.8	384.2
56°	359.7	358.1	354.7	351.6	349.8	350.0	352.8	358.1	364.8	372.1	376.8
56.5°	353.9	351.4	348.2	345.3	343.7	343.7	346.2	351.5	358.3	365.1	370.1
57°	346.9	344.7	341.4	339.9	338.4	336.9	339.4	344.9	351.5	358.6	363.0
57.5°	341.7	337.8	334.8	332.3	330.7	330.7	333.3	338.3	344.8	351.6	356.4
58°	334.2	331.5	328.4	325.8	325.2	324.0	326.8	331.5	338.4	344.7	349.7
58.5°	327.5	325.1	322.1	319.6	319.6	317.9	320.2	325.0	331.5	338.2	342.9
59°	320.8	318.4	315.5	312.4	307.0	311.3	314.0	318.9	325.2	331.6	336.2
59.5°	314.2	311.8	309.3	306.8	304.4	305.2	308.1	312.3	318.7	324.9	329.4
60°	307.5	305.2	302.7	300.9	298.8	298.9	301.3	305.8	312.3	318.2	322.3
60.5°	303.1	299.1	296.7	294.1	292.4	292.7	295.4	299.9	306.0	311.6	316.0
61°	294.3	292.7	290.2	287.9	286.5	286.7	289.1	293.5	299.5	305.7	309.2
61.5°	290.2	286.5	284.1	282.4	280.2	280.7	282.8	287.6	293.0	298.8	302.9
62°	281.7	279.9	277.5	275.5	274.2	274.7	277.0	281.0	286.6	292.5	296.3
62.5°	275.2	273.7	271.5	270.0	269.2	268.6	270.8	274.9	280.4	285.8	289.4
63°	269.3	267.4	265.6	263.4	262.0	262.9	264.9	268.6	274.4	279.6	282.8
63.5°	262.6	261.4	259.6	257.4	256.6	256.7	258.9	262.6	268.2	273.5	276.8
64°	256.7	255.3	253.5	251.7	250.7	251.2	253.1	256.8	261.8	266.9	270.1
64.5°	250.0	249.1	247.6	245.7	245.3	245.3	247.5	250.9	255.8	260.7	263.8
65°	244.0	243.0	241.6	240.5	239.6	239.8	241.6	245.3	250.1	254.7	257.6
65.5°	238.1	237.0	235.7	234.8	233.6	233.8	235.6	239.4	244.2	248.3	251.1
66°	231.9	231.0	229.7	228.5	227.7	228.4	230.0	233.7	238.0	242.0	244.9



TEST NUMBER: P563524

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

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
67.5°	213.9	213.3	212.6	211.9	211.7	212.0	213.5	216.5	220.6	224.2	225.6
68°	208.3	207.6	207.0	206.9	206.0	206.4	208.0	210.9	214.9	218.3	220.2
68.5°	201.7	201.9	201.7	200.8	200.5	201.1	202.5	205.6	209.2	212.2	213.7
69°	195.9	196.1	195.7	195.4	195.1	195.8	197.2	200.1	203.5	206.4	207.4
69.5°	189.9	190.4	190.3	190.1	190.1	190.5	192.1	194.7	198.1	200.7	201.5
70°	185.0	184.9	185.0	184.7	184.6	185.3	186.7	189.3	192.3	194.9	195.9
70.5°	178.1	179.4	179.7	179.4	179.1	180.1	181.9	184.2	186.9	189.2	189.6
71°	172.3	173.9	174.3	174.5	174.6	175.2	176.6	178.6	181.3	183.5	184.3
71.5°	167.3	168.4	168.9	169.1	169.6	170.0	171.7	173.5	176.3	177.9	178.1
72°	161.7	162.8	163.6	163.9	164.3	165.1	166.4	168.4	170.7	172.3	172.8
72.5°	155.9	157.6	158.5	159.3	159.5	160.0	161.4	163.2	165.5	166.9	166.9
73°	150.3	152.3	153.4	154.3	154.2	155.2	156.7	158.1	160.1	161.4	161.5
73.5°	145.4	147.1	148.4	149.2	149.9	150.4	151.6	153.3	155.1	156.0	155.4
74°	140.3	142.3	143.6	144.3	145.5	145.8	146.7	148.3	150.0	150.8	150.1
74.5°	135.2	137.5	138.9	139.7	140.9	141.3	142.2	143.4	144.8	145.5	144.9
75°	130.1	132.8	134.1	135.2	136.3	136.8	137.7	138.9	140.1	140.5	139.6
75.5°	125.0	128.0	129.4	130.6	131.7	132.3	133.2	134.4	135.3	135.5	134.4
76°	114.9	123.2	124.6	126.1	127.1	127.8	128.6	129.9	130.6	130.5	129.1
76.5°	115.1	117.6	119.7	121.2	122.6	123.3	124.1	125.4	125.9	125.5	123.8
77°	109.0	112.9	115.2	117.2	117.9	119.0	119.8	120.6	121.1	120.7	118.6
77.5°	104.6	107.6	110.5	112.9	113.7	114.6	115.5	116.1	116.3	115.6	113.2
78°	99.8	102.5	105.9	108.2	109.4	110.3	110.9	111.3	111.6	110.5	108.1
78.5°	94.8	98.5	101.5	103.8	105.1	106.0	106.7	107.1	107.2	105.9	103.2
79°	89.9	94.9	97.1	99.4	100.8	101.9	102.5	102.8	102.3	101.1	98.2
79.5°	85.3	89.4	92.9	95.3	96.8	97.7	98.4	98.7	98.0	96.4	93.1
80°	80.6	85.5	88.7	91.2	93.5	93.8	94.4	94.4	93.7	91.9	88.6
80.5°	76.8	80.8	84.6	87.3	89.0	89.9	90.3	90.3	89.4	87.5	83.8
81°	71.9	76.4	80.5	83.5	85.1	86.0	86.5	86.3	85.3	82.9	79.5
81.5°	67.6	72.6	76.6	79.4	81.1	82.2	82.5	82.2	81.2	78.7	74.6
82°	63.7	69.7	72.8	75.7	77.7	78.5	78.9	78.4	77.1	74.5	70.3
82.5°	59.7	64.6	68.9	72.2	73.7	74.8	75.0	74.7	73.2	70.5	66.0
83°	55.7	60.9	65.2	68.4	70.1	71.2	71.5	70.9	69.4	66.4	61.9
83.5°	52.0	57.3	61.7	64.8	66.8	67.8	68.0	67.3	65.6	62.5	57.9
84°	48.9	53.7	58.1	61.4	63.6	64.4	64.7	63.9	62.0	58.8	54.0
84.5°	44.9	50.5	54.7	58.0	59.5	61.0	61.1	60.3	58.4	55.2	50.2
85°	41.5	46.9	51.4	54.7	56.6	57.7	57.8	56.9	54.9	51.5	46.5
85.5°	38.2	43.6	48.1	51.4	53.5	54.6	54.6	53.6	51.6	48.1	43.0
86°	34.9	40.5	45.0	48.5	50.4	51.5	51.5	50.5	48.2	44.6	39.6
86.5°	31.9	37.4	42.0	45.3	47.4	48.5	48.3	47.6	45.1	41.5	36.6
87°	29.0	34.6	39.1	42.5	44.6	45.5	45.5	44.4	42.0	38.3	33.2
87.5°	26.3	31.7	36.3	39.6	41.8	42.8	42.6	41.4	39.1	35.3	30.1
88°	23.6	29.0	33.5	36.9	39.0	39.9	39.8	38.7	36.2	32.4	27.2
88.5°	21.1	26.5	30.9	34.2	36.4	37.3	37.2	36.0	33.5	29.7	24.6



TEST NUMBER: P563524

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

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
90°	15.1	19.5	23.8	27.1	29.0	29.9	29.7	28.3	25.9	22.2	17.7
90.5°	13.3	17.6	21.7	24.7	26.8	27.7	27.5	26.2	23.6	19.9	15.9
91°	11.4	16.0	19.6	22.7	24.6	25.5	25.3	24.0	21.5	17.9	14.1
91.5°	9.6	14.4	17.7	20.7	22.7	23.4	23.2	21.9	19.4	16.2	12.2
92°	8.2	12.7	16.2	18.9	20.7	21.4	21.2	19.9	17.5	14.6	10.4
92.5°	7.1	11.1	14.7	17.1	18.8	19.7	19.4	18.1	16.0	13.0	8.6
93°	6.1	9.5	13.2	15.7	17.2	17.9	17.7	16.5	14.6	11.3	7.4
93.5°	5.3	8.4	11.7	14.3	15.9	16.4	16.1	15.1	13.1	9.7	6.5
94°	4.6	7.4	10.2	13.0	14.5	15.1	14.9	13.8	11.6	8.6	5.6
94.5°	4.1	6.5	9.1	11.6	13.2	13.8	13.6	12.5	10.1	7.6	4.9
95°	3.7	5.8	8.1	10.2	11.8	12.5	12.3	11.1	9.1	6.7	4.4
95.5°	3.5	5.2	7.3	9.2	10.5	11.3	11.1	9.8	8.1	6.0	4.0
96°	3.3	4.8	6.6	8.4	9.5	10.0	9.8	8.9	7.3	5.4	3.7
96.5°	3.2	4.5	6.1	7.6	8.7	9.2	9.0	8.1	6.7	5.0	3.5
97°	3.0	4.3	5.7	7.0	8.0	8.4	8.2	7.4	6.2	4.7	3.3
97.5°	3.0	4.1	5.3	6.5	7.4	7.7	7.6	6.8	5.7	4.4	3.2
98°	2.9	4.0	5.1	6.1	6.9	7.2	7.0	6.4	5.4	4.3	3.1
98.5°	2.8	3.9	4.9	5.8	6.5	6.7	6.6	6.0	5.2	4.2	3.1
99°	2.8	3.8	4.8	5.6	6.2	6.4	6.3	5.8	5.0	4.0	3.0
99.5°	2.7	3.7	4.7	5.5	6.0	6.1	6.0	5.6	4.9	3.9	2.9
100°	2.7	3.7	4.6	5.3	5.8	6.0	5.9	5.5	4.8	3.9	2.9
100.5°	2.7	3.6	4.5	5.2	5.7	5.9	5.8	5.3	4.7	3.8	2.8
101°	2.7	3.5	4.4	5.1	5.6	5.7	5.6	5.2	4.6	3.7	2.8
101.5°	2.6	3.5	4.3	5.0	5.4	5.6	5.5	5.1	4.5	3.6	2.8
102°	2.6	3.4	4.2	4.9	5.3	5.5	5.4	5.0	4.4	3.6	2.7
102.5°	2.6	3.4	4.1	4.8	5.2	5.4	5.3	4.9	4.3	3.5	2.7
103°	2.5	3.3	4.1	4.7	5.1	5.3	5.2	4.8	4.2	3.5	2.6
103.5°	2.5	3.3	4.0	4.6	5.1	5.2	5.1	4.7	4.2	3.4	2.6
104°	2.5	3.3	4.0	4.6	5.0	5.1	5.0	4.7	4.1	3.4	2.6
104.5°	2.5	3.3	3.9	4.5	4.9	5.0	4.9	4.6	4.1	3.4	2.5
105°	2.5	3.2	3.9	4.5	4.8	4.9	4.9	4.5	4.0	3.3	2.5
105.5°	2.5	3.2	3.9	4.4	4.8	4.9	4.8	4.5	4.0	3.3	2.5
106°	2.5	3.1	3.8	4.4	4.7	4.8	4.7	4.4	3.9	3.2	2.5
106.5°	2.5	3.1	3.8	4.3	4.6	4.7	4.7	4.4	3.9	3.2	2.4
107°	2.4	3.1	3.7	4.3	4.6	4.7	4.6	4.3	3.8	3.1	2.4
107.5°	2.4	3.0	3.7	4.3	4.5	4.6	4.6	4.3	3.8	3.1	2.4
108°	2.4	3.0	3.6	4.2	4.5	4.6	4.5	4.2	3.7	3.1	2.4
108.5°	2.4	3.0	3.6	4.1	4.5	4.6	4.5	4.2	3.6	3.1	2.4
109°	2.4	3.0	3.6	4.1	4.4	4.5	4.4	4.1	3.6	3.0	2.3
109.5°	2.4	3.0	3.5	4.0	4.4	4.5	4.4	4.0	3.6	3.0	2.3
110°	2.4	3.0	3.5	4.0	4.3	4.4	4.3	4.0	3.6	3.0	2.3
110.5°	2.4	3.0	3.5	3.9	4.3	4.3	4.3	3.9	3.5	3.0	2.2
111°	2.3	3.0	3.5	3.9	4.2	4.3	4.2	3.9	3.5	3.0	2.2



TEST NUMBER: P563524

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

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P563524

CATALOG NUMBER: 2NWS23C3-NUV-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	1.4	1.4	1.5	1.6	1.7	1.9
135.5°	2.4	1.9	1.7	1.6	1.5	1.5	1.5	1.5	1.6	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°	2.4	1.9	1.7	1.6	1.5	1.5	1.5	1.6	1.7	1.8	2.2
137°	2.3	1.9	1.8	1.7	1.6	1.5	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	1.7	1.9	2.0
138°	2.3	2.0	1.8	1.7	1.6	1.6	1.6	1.7	1.8	1.9	2.0
138.5°	2.3	2.1	1.9	1.8	1.7	1.6	1.7	1.7	1.8	2.0	2.0
139°	2.3	2.1	1.9	1.8	1.7	1.7	1.7	1.7	1.8	2.0	2.0
139.5°	2.3	2.3	1.9	1.8	1.7	1.7	1.7	1.8	1.9	2.1	2.0
140°	2.3	2.4	2.0	1.8	1.8	1.7	1.8	1.8	1.9	2.2	2.0
140.5°	2.3	2.5	2.0	1.9	1.8	1.8	1.8	1.8	1.9	2.3	2.0
141°	2.3	2.6	2.0	1.9	1.8	1.8	1.8	1.9	2.0	2.4	2.0
141.5°	2.3	2.5	2.1	1.9	1.9	1.8	1.8	1.9	2.0	2.5	2.0
142°	2.3	2.4	2.1	2.0	1.9	1.9	1.9	1.9	2.0	2.4	2.0
142.5°	2.3	2.3	2.2	2.0	1.9	1.9	1.9	2.0	2.1	2.3	2.1
143°	2.3	2.3	2.3	2.0	1.9	1.9	1.9	2.0	2.2	2.2	2.1
143.5°	2.3	2.3	2.5	2.1	2.0	1.9	2.0	2.0	2.3	2.2	2.1
144°	2.3	2.4	2.6	2.1	2.0	2.0	2.0	2.1	2.5	2.2	2.1
144.5°	2.3	2.4	2.6	2.2	2.0	2.0	2.0	2.1	2.6	2.2	2.1
145°	2.3	2.3	2.5	2.3	2.1	2.0	2.1	2.2	2.5	2.2	2.1
145.5°	2.3	2.3	2.4	2.4	2.1	2.1	2.1	2.3	2.4	2.2	2.1
146°	2.2	2.3	2.3	2.6	2.2	2.1	2.2	2.5	2.3	2.2	2.1
146.5°	2.2	2.4	2.4	2.7	2.3	2.2	2.3	2.6	2.3	2.3	2.1
147°	2.2	2.4	2.4	2.6	2.5	2.4	2.5	2.5	2.3	2.3	2.1
147.5°	2.2	2.4	2.4	2.4	2.7	2.6	2.6	2.4	2.3	2.3	2.0
148°	2.1	2.4	2.3	2.4	2.7	2.7	2.6	2.3	2.3	2.3	2.0
148.5°	2.1	2.4	2.3	2.4	2.5	2.6	2.5	2.3	2.3	2.3	2.0
149°	2.1	2.4	2.3	2.4	2.4	2.5	2.3	2.3	2.3	2.3	2.0
149.5°	2.1	2.3	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.0
150°	2.1	2.3	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.0
150.5°	2.0	2.3	2.4	2.3	2.4	2.3	2.3	2.3	2.3	2.3	2.0
151°	2.0	2.2	2.4	2.3	2.4	2.4	2.3	2.3	2.3	2.2	2.0
151.5°	2.1	2.2	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.2	2.0
152°	2.1	2.2	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.2	2.1
152.5°	2.1	2.1	2.3	2.4	2.3	2.3	2.3	2.4	2.3	2.2	2.1
153°	2.1	2.1	2.3	2.4	2.4	2.3	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	2.1
154°	2.1	2.1	2.2	2.3	2.4	2.4	2.4	2.3	2.2	2.1	2.2
154.5°	2.2	2.0	2.2	2.3	2.4	2.4	2.4	2.3	2.2	2.1	2.2
155°	2.2	2.0	2.2	2.3	2.3	2.4	2.3	2.3	2.2	2.1	2.2
155.5°	2.2	2.1	2.1	2.2	2.3	2.3	2.3	2.3	2.2	2.2	2.2
156°	2.2	2.1	2.1	2.2	2.3	2.3	2.3	2.2	2.2	2.2	2.2



TEST NUMBER: P563524

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

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P563524

CATALOG NUMBER: 2NWS23C3-NUV-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: P563524

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

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
0°	888.6	888.6	888.6	888.6
0.5°	889.2	887.6	884.9	888.7
1°	888.6	888.0	890.6	889.3
1.5°	889.3	887.5	888.4	888.2
2°	888.6	887.5	888.1	888.4
2.5°	888.9	886.9	889.2	887.8
3°	888.1	887.0	887.6	888.8
3.5°	888.3	886.3	887.6	888.1
4°	887.2	885.5	888.7	887.4
4.5°	886.4	886.3	885.8	885.9
5°	886.5	884.9	886.5	885.9
5.5°	885.4	884.1	884.1	884.8
6°	885.2	884.5	885.7	883.9
6.5°	883.1	881.6	883.3	881.9
7°	881.7	880.9	882.4	882.1
7.5°	880.2	880.5	881.8	880.2
8°	879.0	877.6	879.3	878.6
8.5°	878.0	877.0	877.6	877.2
9°	876.7	875.3	876.0	876.3
9.5°	874.5	874.7	875.8	873.3
10°	872.9	872.0	875.3	873.9
10.5°	871.4	870.0	864.9	871.2
11°	869.1	868.7	868.6	868.6
11.5°	867.4	865.3	870.5	867.9
12°	865.1	863.8	870.7	864.3
12.5°	862.5	861.9	859.0	861.8
13°	860.9	859.6	859.9	858.9
13.5°	857.9	857.5	860.3	857.9
14°	855.6	853.7	855.2	853.7
14.5°	852.9	851.9	855.0	850.8
15°	849.5	849.6	852.6	852.0
15.5°	847.1	845.6	843.2	845.6
16°	844.5	842.6	842.2	843.9
16.5°	841.9	839.9	845.4	838.4
17°	838.1	835.7	837.0	838.3
17.5°	834.3	833.4	836.7	834.0
18°	831.8	830.8	833.0	831.2
18.5°	828.6	825.9	827.6	827.5
19°	824.4	824.3	824.5	823.5
19.5°	820.8	819.0	820.8	819.7
20°	817.4	815.1	818.2	816.8
20.5°	814.0	812.5	812.9	812.4
21°	809.7	809.5	810.7	808.9



TEST NUMBER: P563524

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

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
22.5°	797.5	795.7	801.7	796.8
23°	793.1	792.2	793.3	792.8
23.5°	788.8	788.7	791.7	791.5
24°	783.6	782.3	783.4	784.7
24.5°	779.5	778.8	779.6	790.1
25°	774.6	773.2	774.4	775.9
25.5°	770.0	769.4	770.7	769.1
26°	765.3	762.9	766.0	763.9
26.5°	761.2	760.9	760.5	760.0
27°	756.0	755.3	756.6	754.1
27.5°	750.9	749.5	751.3	748.9
28°	745.8	744.8	745.7	746.5
28.5°	740.1	739.5	741.0	745.8
29°	735.2	733.9	735.9	730.6
29.5°	729.6	729.7	730.4	730.0
30°	724.0	723.2	724.4	722.6
30.5°	718.7	718.6	719.0	718.4
31°	713.2	713.1	713.9	710.8
31.5°	707.4	706.0	708.3	707.3
32°	701.7	702.1	702.5	698.4
32.5°	696.0	696.7	697.0	697.0
33°	690.4	688.2	690.8	688.9
33.5°	684.6	684.7	685.3	682.2
34°	678.1	679.0	679.3	675.9
34.5°	672.1	672.5	673.3	673.2
35°	666.1	666.4	667.1	666.0
35.5°	660.2	660.2	660.3	659.2
36°	653.8	654.1	657.2	653.7
36.5°	647.6	647.0	647.5	647.2
37°	641.0	641.1	642.5	641.2
37.5°	634.6	634.4	635.2	632.9
38°	628.3	628.2	629.8	624.3
38.5°	622.3	622.4	621.1	618.7
39°	615.5	616.4	616.4	612.3
39.5°	609.0	608.6	609.1	609.7
40°	601.9	602.4	604.4	604.4
40.5°	595.5	596.3	597.6	596.2
41°	588.7	589.6	590.2	588.1
41.5°	582.3	583.2	584.2	587.2
42°	576.0	576.3	577.9	575.3
42.5°	569.0	568.6	568.8	568.0
43°	561.9	562.4	564.0	561.7
43.5°	555.2	555.7	556.6	554.8



TEST NUMBER: P563524

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

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
45°	534.3	534.4	535.8	534.6
45.5°	527.8	527.7	528.8	528.0
46°	520.5	521.0	522.7	517.9
46.5°	513.5	514.3	515.0	514.1
47°	506.7	506.4	508.7	507.5
47.5°	499.6	500.4	501.2	499.2
48°	492.8	493.9	494.5	490.5
48.5°	485.7	487.4	487.0	484.7
49°	478.7	479.7	480.2	481.0
49.5°	471.8	472.7	473.7	470.7
50°	464.4	465.6	465.8	465.4
50.5°	457.8	459.2	458.7	459.5
51°	450.8	451.5	452.0	450.6
51.5°	444.0	445.2	445.1	443.5
52°	436.6	437.8	438.4	436.6
52.5°	429.5	430.9	430.9	429.9
53°	422.9	423.7	424.3	421.9
53.5°	415.9	417.0	417.2	415.4
54°	408.6	409.7	410.2	408.6
54.5°	401.8	402.8	403.0	401.0
55°	395.0	395.5	396.1	394.8
55.5°	388.3	388.9	389.5	387.6
56°	380.8	381.7	382.5	380.4
56.5°	374.1	374.7	375.4	373.5
57°	367.1	367.8	368.6	365.6
57.5°	360.1	361.2	360.7	359.2
58°	353.4	354.3	354.6	353.2
58.5°	346.5	347.5	347.4	345.4
59°	339.7	340.3	340.7	339.8
59.5°	332.8	333.5	333.7	331.6
60°	326.0	326.8	326.8	325.1
60.5°	319.3	319.9	320.0	317.9
61°	312.6	313.2	313.5	311.9
61.5°	306.1	306.1	306.9	305.1
62°	299.1	299.9	299.9	297.5
62.5°	292.4	293.0	292.7	291.0
63°	285.7	286.2	285.8	284.1
63.5°	279.1	279.4	279.4	277.4
64°	272.5	272.5	272.0	270.2
64.5°	266.1	266.2	265.8	263.8
65°	259.6	259.9	259.0	256.9
65.5°	253.0	252.9	252.1	250.3
66°	246.7	246.5	246.4	243.8



TEST NUMBER: P563524

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

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
67.5°	227.4	226.8	226.0	223.6
68°	221.2	220.3	219.5	217.3
68.5°	214.9	214.2	212.9	210.0
69°	208.6	207.4	206.2	203.7
69.5°	202.4	201.2	199.8	197.3
70°	196.2	194.6	193.2	191.2
70.5°	190.1	188.6	186.8	184.3
71°	183.9	182.3	180.5	177.7
71.5°	178.0	176.4	174.3	171.5
72°	172.0	169.7	168.0	165.3
72.5°	165.9	163.9	161.5	159.2
73°	160.0	157.6	155.5	152.9
73.5°	154.3	151.7	149.5	146.6
74°	148.5	146.0	143.5	140.5
74.5°	143.0	140.2	137.5	134.3
75°	137.5	134.4	131.5	128.2
75.5°	132.0	128.7	125.6	122.2
76°	126.5	122.9	119.6	116.3
76.5°	121.0	117.2	113.9	110.1
77°	115.7	111.7	108.2	104.4
77.5°	110.1	106.1	102.6	99.3
78°	104.9	100.5	96.9	93.2
78.5°	99.7	95.2	91.5	87.3
79°	94.4	89.8	85.8	82.4
79.5°	89.3	84.4	80.3	76.8
80°	84.3	79.4	75.1	71.4
80.5°	79.4	74.3	69.8	66.2
81°	74.7	69.3	64.7	61.1
81.5°	70.0	64.5	59.8	56.5
82°	65.4	59.7	54.9	52.0
82.5°	60.9	55.2	50.4	47.4
83°	56.5	50.7	45.8	42.9
83.5°	52.3	46.3	41.3	38.3
84°	48.4	42.3	37.3	34.2
84.5°	44.4	38.2	33.1	30.1
85°	40.7	34.3	29.2	26.2
85.5°	37.1	30.8	25.6	22.6
86°	33.6	27.3	22.1	19.1
86.5°	30.3	23.9	19.2	15.9
87°	27.2	20.9	16.4	12.8
87.5°	24.2	18.4	13.5	10.0
88°	21.4	16.0	10.7	7.3
88.5°	18.8	13.5	7.8	5.8



TEST NUMBER: P563524

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

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
90°	12.6	6.8	2.8	1.6
90.5°	10.5	5.4	1.9	0.2
91°	8.5	4.2	1.2	0.2
91.5°	7.1	3.2	0.9	0.2
92°	5.9	2.5	0.7	0.2
92.5°	4.9	2.1	0.6	0.1
93°	4.1	1.8	0.5	0.1
93.5°	3.5	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	1.3	0.4	0.1
95.5°	2.4	1.3	0.4	0.2
96°	2.3	1.3	0.4	0.2
96.5°	2.2	1.2	0.4	0.2
97°	2.2	1.2	0.4	0.2
97.5°	2.1	1.2	0.4	0.2
98°	2.1	1.1	0.4	0.3
98.5°	2.0	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	1.0	0.4	0.5
102°	1.8	1.1	0.5	0.6
102.5°	1.8	1.0	0.5	0.6
103°	1.8	1.0	0.5	0.6
103.5°	1.8	1.0	0.6	0.7
104°	1.8	0.9	0.6	0.7
104.5°	1.8	0.9	0.6	0.8
105°	1.7	0.9	0.7	0.8
105.5°	1.7	0.9	0.7	0.8
106°	1.7	0.8	0.7	0.8
106.5°	1.7	0.9	0.7	0.9
107°	1.6	0.9	0.8	0.9
107.5°	1.6	0.8	0.8	0.9
108°	1.6	0.8	0.8	1.0
108.5°	1.5	0.8	0.9	1.1
109°	1.5	0.8	0.9	1.2
109.5°	1.5	0.9	0.9	1.2
110°	1.4	0.9	1.0	1.3
110.5°	1.3	0.9	1.0	1.3
111°	1.3	0.9	1.0	1.3



TEST NUMBER: P563524

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

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
112.5°	1.3	1.0	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	1.1	1.2	1.5
114.5°	1.1	1.2	1.2	1.5
115°	1.0	1.2	1.3	1.6
115.5°	1.0	1.2	1.3	1.6
116°	0.9	1.2	1.3	1.6
116.5°	1.0	1.2	1.3	1.5
117°	1.0	1.2	1.3	1.5
117.5°	1.0	1.2	1.3	1.5
118°	1.0	1.2	1.3	1.4
118.5°	1.1	1.2	1.3	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	1.4
120.5°	1.2	1.3	1.4	1.5
121°	1.2	1.4	1.5	1.5
121.5°	1.2	1.4	1.5	1.5
122°	1.2	1.4	1.5	1.5
122.5°	1.3	1.4	1.6	1.5
123°	1.3	1.5	1.6	1.5
123.5°	1.3	1.5	1.6	1.5
124°	1.3	1.5	1.6	1.6
124.5°	1.4	1.5	1.6	1.6
125°	1.4	1.6	1.6	1.6
125.5°	1.4	1.6	1.6	1.6
126°	1.5	1.6	1.7	1.6
126.5°	1.5	1.6	1.7	1.6
127°	1.5	1.6	1.7	1.6
127.5°	1.6	1.7	1.7	1.6
128°	1.6	1.7	1.7	1.6
128.5°	1.6	1.7	1.7	1.7
129°	1.6	1.7	1.7	1.6
129.5°	1.6	1.7	1.7	1.6
130°	1.7	1.7	1.7	1.7
130.5°	1.7	1.7	1.7	1.7
131°	1.7	1.7	1.7	1.7
131.5°	1.7	1.7	1.7	1.7
132°	1.7	1.8	1.8	1.7
132.5°	1.7	1.8	1.8	1.7
133°	1.7	1.8	1.8	1.8
133.5°	1.8	1.8	1.8	1.8



TEST NUMBER: P563524

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

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P563524

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

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P563524

CATALOG NUMBER: 2NWS23C3-NUV-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°	804.3	805.5	794.9	808.6	800.2	798.6	796.6	796.3	793.6	791.3	789.3
22°	800.5	791.7	792.6	804.1	796.3	794.1	792.2	789.8	788.8	786.3	785.7



44°	547.6	547.2	542.5	549.6	539.0	533.4	526.5	520.5	514.4	511.0	509.3
44.5°	541.6	540.1	534.2	542.7	532.0	525.8	519.1	513.3	507.5	503.6	502.3



66.5°	236.7	236.3	233.5	238.6	231.9	228.4	223.7	220.3	216.8	214.6	214.2
67°	230.0	229.7	227.2	230.8	225.8	222.3	218.0	214.9	211.0	209.1	208.4



89°	4.4	5.0	8.4	14.0	19.4	24.4	28.4	31.3	32.8	33.2	32.4
89.5°	3.0	3.8	6.8	12.1	17.4	22.3	26.2	29.1	30.6	31.0	30.2



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



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



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



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





21.5°	788.2	784.4	789.7	786.9	787.3	787.2	786.5	787.9	793.9	783.7	795.1
22°	786.3	785.1	784.1	783.4	783.3	781.7	784.0	783.1	782.7	776.9	793.5



44°	512.0	515.3	518.7	523.5	523.5	523.1	523.9	524.3	526.4	521.7	532.7
44.5°	504.7	509.3	513.7	515.4	517.2	516.6	517.0	517.7	518.1	515.1	525.0



66.5°	215.5	217.8	220.2	221.3	221.8	220.8	220.2	221.0	221.5	221.9	227.4
67°	209.9	211.9	214.3	215.1	215.4	214.5	213.7	214.7	215.1	215.8	221.3



89°	30.7	27.8	23.7	18.6	13.0	7.5	3.9	1.4	3.5	7.7	13.8
89.5°	28.6	25.7	21.6	16.6	11.2	6.1	2.7	0.2	2.4	6.1	11.6



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°	1.5	1.4	1.4	1.3	1.2	1.2	1.5	1.5	1.4	1.2	1.4



134°	1.9	1.9	2.1	2.7	2.2	1.8	2.0	1.8	1.7	1.8	2.1
134.5°	1.9	2.0	2.1	2.9	2.2	1.8	2.0	1.8	1.8	1.8	2.1



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



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





21.5°	791.0	790.7	792.7	794.7	794.6	795.5	796.3	797.2	801.4	804.1	802.8
22°	786.1	787.0	788.5	793.2	791.6	795.9	792.6	793.6	797.5	799.7	800.4



44°	525.7	524.0	521.5	521.0	517.7	518.5	520.4	526.2	533.5	540.4	544.5
44.5°	519.1	517.3	514.7	513.1	509.0	510.3	513.6	519.6	527.0	533.4	538.0



66.5°	225.7	225.2	224.1	223.0	222.5	222.8	224.6	228.1	232.3	236.0	239.2
67°	219.9	219.0	218.2	218.1	216.7	217.5	218.9	222.1	226.4	230.0	233.0



89°	18.9	24.0	28.5	31.8	33.8	34.8	34.6	33.3	30.8	27.0	22.0
89.5°	17.0	21.8	26.0	29.3	31.4	32.3	32.1	30.8	28.3	24.5	19.6



111.5°	2.3	2.9	3.4	3.9	4.1	4.2	4.1	3.9	3.5	2.9	2.2
112°	2.3	2.9	3.4	3.8	4.1	4.2	4.1	3.8	3.4	2.9	2.2



134°	2.0	1.8	1.6	1.5	1.4	1.4	1.4	1.4	1.5	1.7	1.7
134.5°	2.2	1.8	1.6	1.5	1.4	1.4	1.4	1.5	1.6	1.7	1.8



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



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





21.5°	805.6	804.4	807.2	804.3
22°	801.3	801.4	801.5	800.5



44°	548.2	548.8	548.6	547.6
44.5°	541.6	542.5	542.4	541.6



66.5°	240.2	240.2	239.0	236.7
67°	233.9	233.4	232.4	230.0



89°	16.7	11.0	5.8	4.4
89.5°	14.7	8.6	4.1	3.0



111.5°	1.3	1.0	1.0	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°	2.4	2.3	1.9	1.9
157°	2.4	2.3	1.9	1.9



179°	1.4	1.6	1.8	1.9
179.5°	1.6	1.8	1.9	1.9



(END OF REPORT)