

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: P563522

Luminaire Tested: **2NWS23C3-NUV-MED-3500K**

Issue Date: 7/18/2022



Test Information

Test Method: LM-79-08
Report Number: P563522
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-3500K
Description: 2 FOOT NWS SELETABLE WRAP AT 3500K AND MED LUMEN SETTING
Light Source: -
Ballast/Driver:

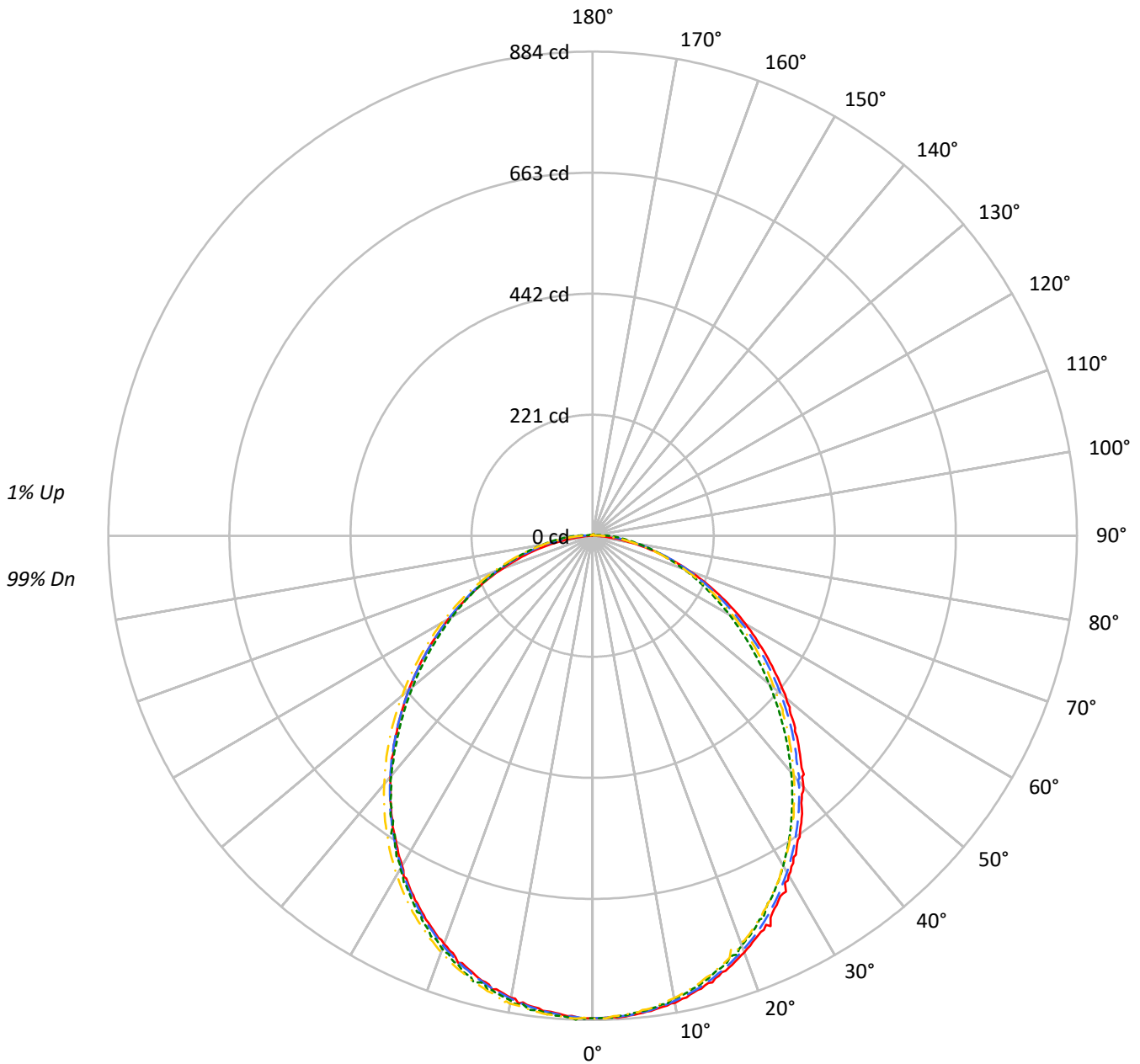
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2239.0 lumens
Efficiency: N/A
Efficacy: 125.1 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): 17.9
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				20				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	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°	10708	10708	10708	10708
5°	10677	10502	10606	10512
10°	10615	10255	10495	10298
15°	10511	9980	10330	10093
20°	10318	9645	10110	9716
25°	10119	9254	9851	9354
30°	9818	8815	9539	8889
35°	9520	8299	9169	8325
40°	9186	7732	8806	7828
45°	8747	7122	8344	7226
50°	8313	6502	7892	6624
55°	7830	5887	7407	6029
60°	7309	5288	6898	5436
65°	6725	4707	6281	4877
70°	6046	4124	5587	4307
75°	5169	3526	4750	3747
80°	4007	2901	3553	3152
85°	2460	2357	1996	2539



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.1	3.7
10°-20°	235.5	10.5
20°-30°	348.2	15.6
30°-40°	402.4	18.0
40°-50°	393.3	17.6
50°-60°	332.5	14.9
60°-70°	240.5	10.7
70°-80°	137.1	6.1
80°-90°	48.0	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°	666.8	29.8
0°-40°	1069.3	47.8
0°-60°	1795.0	80.2
0°-90°	2220.6	99.2
90°-120°	12.2	0.5
90°-150°	16.7	0.7
90°-180°	18.0	0.8
0°-180°	2239.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	881	881	881	881	881	
5°	878	875	872	876	878	83
15°	844	833	830	842	844	237
25°	769	750	749	758	769	354
35°	660	633	636	635	660	412
45°	530	492	506	499	530	408
55°	391	352	370	361	391	350
65°	255	229	238	238	255	252
75°	127	128	117	136	127	135
85°	26	53	21	57	26	30
90°	2	29	0	30	2	2
95°	0	13	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°	880.8	880.8	880.8	880.8	880.8	880.8	880.8	880.8	880.8	880.8	880.8
0.5°	880.8	884.0	874.5	892.1	880.7	880.5	880.9	882.9	879.9	881.4	879.9
1°	881.4	882.7	873.8	887.8	880.4	880.7	880.6	883.9	881.5	880.7	879.4
1.5°	880.3	882.2	873.2	893.7	880.0	880.6	880.2	884.3	882.2	881.0	879.0
2°	880.5	880.1	872.9	890.9	880.3	879.7	881.0	881.6	880.3	880.1	880.7
2.5°	880.0	878.7	872.9	887.1	881.8	879.5	879.6	879.7	879.9	881.4	878.0
3°	881.0	880.2	872.9	887.5	879.6	879.7	879.6	884.0	878.3	878.3	877.7
3.5°	880.3	877.8	871.8	886.6	879.4	878.3	878.6	882.1	879.1	877.9	876.7
4°	879.6	883.5	876.3	890.7	878.7	878.2	877.7	878.4	877.6	877.5	876.7
4.5°	878.1	879.6	871.5	887.5	878.3	877.0	876.5	878.9	877.1	876.0	876.4
5°	878.1	880.7	870.1	884.3	877.5	876.1	876.7	876.7	875.8	874.7	873.5
5.5°	876.9	876.4	870.7	885.8	875.6	874.6	875.1	877.0	875.3	874.0	872.3
6°	876.1	879.5	868.6	881.1	874.6	874.4	874.5	872.0	873.9	872.5	871.9
6.5°	874.1	870.6	867.5	882.4	874.5	873.3	872.9	875.1	873.7	871.7	869.2
7°	874.3	876.8	866.1	881.8	873.1	871.6	871.6	881.3	872.6	869.9	869.4
7.5°	872.4	871.9	868.7	881.3	871.5	870.3	870.2	867.1	870.5	868.6	867.2
8°	870.9	871.2	863.9	880.1	869.3	868.5	868.3	870.5	867.7	867.0	864.2
8.5°	869.4	870.8	861.5	878.2	868.4	867.1	866.1	866.1	867.6	864.9	863.3
9°	868.5	873.5	861.6	875.0	866.5	865.8	865.1	866.1	864.4	866.0	860.7
9.5°	865.6	866.5	858.7	871.3	864.8	864.2	863.5	864.8	862.0	859.7	860.1
10°	866.2	865.5	857.3	873.3	862.6	862.1	861.6	860.7	862.6	858.2	858.5
10.5°	863.5	862.7	855.4	869.6	860.6	860.3	859.2	857.8	857.5	856.5	856.3
11°	860.9	859.6	855.2	868.7	860.1	857.6	857.4	858.2	857.1	854.9	854.0
11.5°	860.2	858.4	851.8	863.5	856.8	855.2	854.8	854.7	853.8	852.2	851.6
12°	856.6	856.6	850.3	862.2	854.8	853.5	852.9	852.1	849.1	850.1	848.3
12.5°	854.1	853.5	846.7	861.0	852.0	850.9	849.8	851.8	848.6	847.0	845.5
13°	851.3	853.5	850.7	856.6	849.8	848.6	847.8	846.3	846.0	845.0	843.0
13.5°	850.3	849.4	842.7	862.3	848.0	845.8	845.0	844.0	843.9	842.1	840.3
14°	846.1	847.7	841.0	854.9	844.1	843.0	842.1	842.9	841.5	838.8	837.1
14.5°	843.3	845.3	806.3	852.7	841.3	840.2	839.1	845.4	837.1	836.3	833.6
15°	844.4	841.1	832.0	843.8	839.3	837.2	836.5	837.2	835.8	832.8	831.0
15.5°	838.1	832.9	832.0	849.1	835.8	834.3	833.0	831.5	834.1	828.7	828.4
16°	836.4	837.2	828.7	837.1	831.9	831.3	830.1	829.7	827.6	824.9	825.2
16.5°	831.0	833.5	824.7	841.2	829.8	828.3	826.3	825.6	824.4	823.2	821.7
17°	830.9	829.1	843.5	836.8	826.7	824.9	823.8	822.9	820.4	820.5	817.5
17.5°	826.6	826.2	818.8	834.7	822.9	821.5	819.9	821.5	821.8	816.4	814.1
18°	823.8	823.3	813.9	830.3	819.3	818.5	817.0	816.9	814.5	810.1	810.6
18.5°	820.1	821.0	813.0	826.2	815.3	814.1	813.4	813.4	810.6	807.6	806.9
19°	816.2	817.1	811.2	822.6	812.7	810.8	809.9	810.2	806.9	809.0	802.8
19.5°	812.4	814.8	808.1	819.4	810.0	807.0	805.6	804.5	803.4	800.3	799.2
20°	809.6	807.0	803.4	815.8	805.5	803.0	801.9	799.6	799.1	796.4	795.1
20.5°	805.2	804.0	798.6	811.6	801.4	799.3	797.8	798.9	796.1	792.2	791.7
21°	801.7	801.0	793.9	807.0	797.5	795.3	794.3	793.4	791.5	787.8	786.5



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
22.5°	789.7	793.2	781.9	793.8	785.1	782.6	782.0	782.4	778.1	775.3	773.4
23°	785.8	783.4	779.0	793.5	780.6	778.4	777.2	773.8	772.5	769.7	768.0
23.5°	784.5	783.9	772.9	788.9	776.2	774.4	774.0	773.3	768.3	763.9	763.6
24°	777.8	775.8	771.2	783.1	771.7	769.2	773.4	765.7	763.4	764.6	759.1
24.5°	783.1	771.9	763.7	774.5	767.0	764.6	763.0	761.7	758.5	757.8	753.6
25°	769.0	766.8	762.5	773.8	762.3	760.2	757.5	754.3	753.1	750.2	749.6
25.5°	762.3	761.7	754.3	771.8	757.8	755.0	752.4	753.9	748.7	742.9	744.4
26°	757.2	756.3	750.6	762.1	752.7	750.0	748.4	750.7	743.3	740.2	739.4
26.5°	753.3	752.9	744.6	757.5	748.4	744.9	743.6	739.8	737.7	735.2	732.1
27°	747.4	747.3	736.8	751.3	743.0	740.3	737.5	735.3	733.0	729.6	728.4
27.5°	742.3	741.6	733.9	747.2	737.9	735.2	732.0	730.9	729.1	724.4	722.7
28°	739.9	737.5	728.7	741.9	732.4	730.1	727.4	726.2	721.1	718.9	716.9
28.5°	739.2	734.5	727.1	737.7	727.0	724.2	722.1	721.0	715.7	713.4	711.6
29°	724.1	726.3	719.7	730.6	721.7	718.8	717.0	713.0	710.7	707.3	705.5
29.5°	723.6	723.3	714.5	726.5	716.8	713.4	709.5	707.7	704.5	701.7	699.8
30°	716.2	713.3	706.8	722.6	711.2	708.2	704.4	706.1	699.1	695.9	694.1
30.5°	712.0	718.7	703.9	715.9	705.7	702.7	699.2	696.3	693.6	689.8	688.0
31°	704.5	706.4	697.2	708.8	700.0	696.9	693.5	690.1	687.1	683.6	682.4
31.5°	701.0	699.2	699.3	705.1	694.1	690.7	687.5	685.6	680.7	677.4	675.8
32°	692.2	694.1	687.5	703.5	688.3	685.1	681.2	678.2	674.7	671.4	669.1
32.5°	690.8	688.7	678.0	690.2	682.7	679.1	675.4	672.4	668.0	664.7	664.1
33°	682.8	683.3	676.7	686.4	676.9	673.4	669.3	665.9	661.3	658.7	657.0
33.5°	676.2	676.9	669.8	682.1	670.8	667.3	663.2	657.9	655.6	652.5	650.8
34°	669.9	669.3	665.1	682.9	664.7	661.0	656.5	655.9	649.1	646.3	643.2
34.5°	667.2	665.0	659.3	669.3	658.6	654.5	650.2	646.6	641.5	639.3	637.4
35°	660.1	658.7	651.8	664.0	652.8	648.9	643.9	640.3	636.6	632.6	630.6
35.5°	653.3	653.3	646.0	656.7	646.2	642.4	637.5	633.8	628.8	625.9	624.1
36°	647.9	646.5	640.0	649.3	640.3	636.4	630.7	626.3	621.9	619.2	618.1
36.5°	641.5	640.2	634.1	643.9	633.7	629.3	623.8	624.5	617.3	612.4	611.2
37°	635.6	633.7	628.2	638.5	628.0	623.2	618.2	612.3	610.4	605.9	604.0
37.5°	627.3	628.5	621.5	629.4	620.8	616.5	611.1	607.7	602.4	598.5	598.0
38°	618.8	621.6	615.3	624.1	614.4	610.6	604.3	599.6	595.9	591.6	590.4
38.5°	613.2	614.8	609.8	618.6	608.5	603.5	598.1	592.7	588.3	584.9	584.0
39°	606.9	608.4	602.7	613.3	602.1	596.6	589.7	588.4	581.0	577.9	576.1
39.5°	604.3	602.1	596.3	605.9	595.3	590.1	585.8	579.3	575.0	570.9	569.7
40°	599.0	595.8	589.9	591.8	581.6	583.6	578.4	571.3	567.6	563.9	562.4
40.5°	591.0	589.2	583.7	591.2	587.5	576.4	570.8	565.6	559.9	556.5	555.4
41°	582.9	582.7	576.6	585.3	573.3	569.8	563.4	561.3	555.0	549.4	548.2
41.5°	582.0	575.5	570.1	578.7	568.5	563.0	557.2	551.2	547.0	542.2	541.4
42°	570.2	568.7	563.4	571.9	558.1	556.0	549.6	545.9	539.2	535.0	533.6
42.5°	563.0	562.8	556.6	564.3	550.9	549.4	542.8	538.0	531.6	528.2	527.0
43°	556.7	556.1	550.2	561.2	547.6	542.6	535.8	530.4	524.6	520.9	519.8
43.5°	549.9	549.5	544.0	550.4	540.9	535.2	528.8	523.5	517.6	513.4	512.6



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
45°	529.9	529.3	523.1	530.0	520.1	514.8	507.6	500.9	495.4	491.9	491.4
45.5°	523.3	522.3	516.4	523.2	513.4	507.9	500.7	493.0	488.7	484.8	484.3
46°	513.4	515.1	509.5	516.3	506.6	500.7	493.9	487.6	481.1	477.5	476.6
46.5°	509.5	508.1	502.5	509.6	499.4	493.4	486.5	480.5	474.1	470.4	469.5
47°	503.0	501.4	496.8	502.9	492.6	486.8	479.0	474.1	467.0	463.7	463.3
47.5°	494.8	494.2	487.7	495.4	485.6	479.4	472.0	466.6	459.6	456.1	455.3
48°	486.2	486.4	482.6	488.8	479.1	472.2	465.3	459.2	453.1	449.0	448.4
48.5°	480.4	481.3	475.2	481.8	471.7	465.2	458.1	452.4	444.9	441.6	440.8
49°	476.7	474.2	469.3	474.3	465.0	458.4	450.6	444.4	438.4	434.9	434.6
49.5°	466.5	465.5	461.7	466.9	457.7	451.5	444.5	436.7	431.2	427.7	426.3
50°	461.3	461.7	455.1	460.8	450.8	444.6	436.8	430.3	424.1	420.6	420.4
50.5°	455.5	452.1	447.3	453.4	443.8	436.9	429.7	424.0	417.0	413.6	412.1
51°	446.6	446.3	441.1	446.3	437.2	430.4	422.5	415.6	410.4	406.6	406.3
51.5°	439.5	438.1	434.0	439.0	429.8	423.1	415.6	409.6	403.0	399.5	398.9
52°	432.8	431.2	427.7	431.6	422.9	416.3	408.8	398.9	396.2	392.7	392.2
52.5°	426.1	425.4	420.9	425.1	416.2	409.5	401.8	395.1	389.4	385.9	384.8
53°	418.2	418.1	412.6	418.2	408.8	402.4	394.8	388.4	382.4	379.1	378.0
53.5°	411.7	411.6	404.6	411.8	402.2	395.6	388.1	381.4	375.5	372.3	371.5
54°	405.0	404.4	400.3	404.5	395.5	388.5	380.7	375.0	369.0	365.3	364.4
54.5°	397.5	396.7	392.7	397.3	388.0	381.9	374.1	370.9	362.4	358.8	358.5
55°	391.3	390.1	385.4	390.9	381.2	374.7	367.3	360.6	355.3	352.1	351.1
55.5°	384.1	383.7	380.7	382.0	374.5	368.2	360.3	354.2	348.8	345.4	345.1
56°	377.0	376.5	372.5	376.1	367.8	361.2	354.7	347.7	342.3	338.9	338.5
56.5°	370.1	368.9	368.2	369.0	360.7	354.5	347.4	340.6	335.6	332.2	332.0
57°	362.3	362.1	359.3	362.7	353.8	347.7	340.2	334.0	329.4	326.1	326.6
57.5°	356.0	354.9	352.0	357.3	347.2	341.0	334.1	327.4	322.5	319.4	318.2
58°	350.1	349.1	344.9	348.4	340.4	334.7	327.2	322.5	316.1	313.0	313.1
58.5°	342.4	341.3	337.7	341.6	333.6	327.7	320.5	314.5	310.0	306.9	306.5
59°	336.8	334.3	331.2	334.6	327.1	321.5	314.4	308.5	303.6	300.7	300.1
59.5°	328.7	328.6	324.3	328.3	320.4	314.4	308.0	302.0	297.3	294.2	294.0
60°	322.2	322.0	317.6	321.1	313.4	307.9	301.6	296.2	290.4	288.1	287.8
60.5°	315.1	315.0	310.9	314.4	307.0	301.5	294.8	289.8	284.7	282.2	281.6
61°	309.1	308.2	303.9	307.8	300.5	294.9	288.8	283.8	279.0	275.8	275.2
61.5°	302.4	300.9	297.1	301.3	294.0	288.6	282.1	277.5	272.8	269.9	269.8
62°	294.8	293.7	291.4	293.9	287.2	282.2	276.1	270.7	266.4	264.0	264.1
62.5°	288.4	287.8	283.9	287.1	280.9	275.7	269.9	264.8	261.2	258.2	257.1
63°	281.5	280.4	279.9	280.7	274.2	269.6	263.6	262.6	254.1	252.3	252.1
63.5°	275.0	273.9	272.2	274.0	268.0	263.2	257.9	253.3	249.0	246.5	246.2
64°	267.8	266.4	264.2	267.3	260.7	257.1	251.6	247.4	243.1	240.6	240.2
64.5°	261.4	260.5	258.0	260.9	255.3	251.0	245.8	240.6	237.4	235.2	235.0
65°	254.6	254.1	251.6	255.0	245.0	244.8	239.5	235.5	231.6	229.4	229.0
65.5°	248.0	247.2	244.7	247.8	242.2	238.8	233.6	229.9	226.1	223.9	223.4
66°	241.6	241.0	237.9	241.3	236.4	232.5	227.7	224.2	220.1	218.2	217.5



TEST NUMBER: P563522

CATALOG NUMBER: 2NWS23C3-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
67.5°	221.6	221.6	219.5	221.8	217.8	214.4	210.2	207.2	203.6	201.9	201.2
68°	215.4	214.6	213.3	215.6	211.5	208.6	204.6	201.8	198.4	196.5	196.2
68.5°	208.2	207.6	206.7	209.0	205.5	202.7	199.2	196.3	193.3	191.4	190.5
69°	201.9	201.6	200.3	202.9	199.5	196.9	194.2	190.9	187.6	186.2	185.7
69.5°	195.6	195.3	192.9	198.2	193.6	191.1	188.0	185.3	182.5	180.8	180.1
70°	189.5	188.9	186.3	190.4	187.4	185.5	182.7	180.2	178.0	175.8	175.1
70.5°	182.6	182.7	181.1	184.4	181.6	179.7	177.1	174.7	172.3	170.6	170.0
71°	176.2	175.9	174.9	178.0	175.8	174.1	171.8	169.6	167.3	165.8	164.9
71.5°	170.0	170.5	168.6	172.3	170.1	168.5	166.5	164.6	162.2	160.9	160.6
72°	163.8	163.9	163.2	166.6	164.2	163.2	161.2	159.2	157.4	155.9	156.0
72.5°	157.8	157.7	156.8	160.2	158.5	157.7	155.8	154.4	152.1	151.0	150.8
73°	151.6	151.5	150.7	154.3	153.0	152.2	150.9	149.4	147.6	146.1	145.5
73.5°	145.3	144.8	144.7	148.5	147.4	147.0	145.6	144.4	142.7	141.6	140.9
74°	139.2	139.3	138.6	142.4	141.8	141.6	140.7	139.7	138.0	136.8	136.1
74.5°	133.2	132.9	132.8	136.7	136.4	136.5	135.7	134.5	133.3	132.2	131.3
75°	127.1	127.2	127.1	130.9	131.0	131.3	130.5	129.9	128.8	127.6	127.0
75.5°	121.1	121.1	122.0	127.1	125.7	126.1	125.7	125.1	124.2	122.9	122.3
76°	115.3	115.7	115.3	119.8	120.3	121.2	120.6	120.8	119.6	119.1	117.8
76.5°	109.2	109.7	110.1	114.6	115.1	116.1	116.3	115.9	115.2	114.3	113.4
77°	103.5	103.8	104.5	108.3	109.9	111.3	111.4	111.5	110.7	109.9	109.1
77.5°	98.4	98.0	99.4	103.5	105.0	106.2	106.4	106.7	106.4	105.6	104.8
78°	92.3	93.0	93.6	98.3	100.0	101.5	102.7	102.7	102.1	101.4	100.6
78.5°	86.5	87.0	88.5	93.3	95.0	96.9	97.9	98.4	98.0	97.4	96.6
79°	81.6	81.5	83.3	87.8	90.2	92.3	93.3	94.0	93.8	93.4	92.6
79.5°	76.1	76.0	77.7	83.1	85.4	87.7	89.0	89.8	89.8	89.3	88.5
80°	70.7	71.1	73.0	78.2	80.7	83.4	84.8	85.9	86.0	85.5	84.8
80.5°	65.6	66.1	68.3	73.3	76.2	78.9	80.6	82.0	82.2	81.8	80.9
81°	60.5	61.0	63.4	68.6	71.7	74.7	77.4	78.0	78.6	78.1	77.3
81.5°	56.0	56.5	59.0	64.1	67.3	70.5	73.1	74.4	74.7	74.5	73.9
82°	51.5	52.1	54.8	59.5	63.1	66.6	69.2	70.7	71.2	71.1	70.3
82.5°	47.0	47.7	50.5	55.5	58.6	62.6	65.4	67.4	67.9	67.7	66.6
83°	42.5	43.2	46.3	51.5	55.0	58.5	61.7	63.7	64.4	64.4	63.7
83.5°	38.0	38.8	42.1	47.5	51.5	55.3	58.4	60.3	61.2	61.2	60.6
84°	33.9	35.0	37.8	43.6	48.0	52.0	55.4	57.4	58.4	58.9	57.8
84.5°	29.8	30.7	34.0	39.6	44.4	48.8	52.3	54.5	55.5	56.0	54.9
85°	26.0	26.9	30.2	35.9	40.9	45.6	49.3	51.6	52.7	53.1	52.1
85.5°	22.4	23.3	26.7	32.5	37.7	42.5	46.2	48.7	49.8	50.2	49.3
86°	18.9	19.9	23.3	29.2	34.6	39.5	43.3	45.8	47.0	47.3	46.5
86.5°	15.7	16.6	20.2	26.2	31.6	36.6	40.4	43.1	44.3	44.6	43.9
87°	12.7	13.6	17.3	23.3	28.8	33.9	37.7	40.4	41.8	42.1	41.3
87.5°	9.9	10.9	14.7	20.6	26.2	31.3	35.2	37.9	39.4	39.6	38.8
88°	7.2	8.4	12.3	18.2	23.7	28.7	32.7	35.5	36.8	37.3	36.6
88.5°	5.8	6.2	10.2	15.9	21.4	26.4	30.4	33.2	34.6	35.0	34.3



TEST NUMBER: P563522

CATALOG NUMBER: 2NWS23C3-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
90°	1.6	2.5	5.8	10.3	15.4	20.2	23.9	26.8	28.3	28.7	28.1
90.5°	0.2	1.3	4.9	8.9	13.7	18.3	22.1	24.9	26.4	26.8	26.2
91°	0.2	0.9	3.9	7.6	12.1	16.6	20.3	23.1	24.6	25.0	24.4
91.5°	0.2	0.6	3.0	6.4	10.7	15.0	18.6	21.3	22.8	23.2	22.6
92°	0.2	0.4	2.1	5.6	9.4	13.5	17.0	19.6	21.1	21.7	21.1
92.5°	0.1	0.4	1.6	4.8	8.2	12.1	15.5	18.1	19.6	20.0	19.5
93°	0.1	0.3	1.3	4.0	7.2	10.8	14.1	16.6	18.1	18.5	17.9
93.5°	0.1	0.3	1.1	3.2	6.3	9.7	12.8	15.3	16.6	17.2	16.7
94°	0.1	0.3	0.9	2.7	5.6	8.7	11.7	14.0	15.4	15.9	15.3
94.5°	0.1	0.2	0.8	2.3	4.9	7.8	10.6	12.8	14.2	14.6	14.2
95°	0.1	0.2	0.7	2.0	4.3	6.9	9.5	11.8	13.0	13.4	13.0
95.5°	0.2	0.2	0.6	1.7	3.6	6.1	8.6	10.7	12.0	12.4	11.9
96°	0.2	0.2	0.6	1.5	3.2	5.6	7.8	9.7	10.9	11.3	10.9
96.5°	0.2	0.2	0.5	1.4	2.8	5.0	7.0	8.9	10.0	10.4	10.0
97°	0.2	0.3	0.5	1.3	2.5	4.5	6.3	8.0	9.2	9.5	9.2
97.5°	0.2	0.3	0.5	1.2	2.3	3.9	5.8	7.3	8.4	8.8	8.4
98°	0.3	0.3	0.4	1.1	2.1	3.5	5.3	6.7	7.7	8.0	7.7
98.5°	0.3	0.3	0.4	1.0	2.0	3.3	4.8	6.1	7.0	7.4	7.1
99°	0.3	0.4	0.4	0.9	1.8	3.0	4.3	5.7	6.5	6.8	6.5
99.5°	0.4	0.4	0.5	0.8	1.7	2.8	4.0	5.3	6.0	6.2	6.0
100°	0.4	0.5	0.5	0.8	1.6	2.7	3.7	4.9	5.6	5.8	5.6
100.5°	0.5	0.5	0.5	0.8	1.5	2.5	3.5	4.5	5.2	5.4	5.2
101°	0.5	0.6	0.5	0.8	1.4	2.4	3.3	4.2	4.7	5.0	4.7
101.5°	0.5	0.6	0.6	0.7	1.3	2.2	3.2	4.0	4.5	4.6	4.4
102°	0.6	0.6	0.6	0.7	1.3	2.1	3.0	3.8	4.2	4.3	4.2
102.5°	0.6	0.7	0.6	0.7	1.2	2.0	2.8	3.6	4.0	4.1	4.0
103°	0.6	0.7	0.6	0.7	1.1	1.9	2.7	3.4	3.8	4.0	3.9
103.5°	0.7	0.7	0.6	0.8	1.1	1.8	2.5	3.3	3.6	3.8	3.7
104°	0.7	0.8	0.6	0.8	1.0	1.7	2.4	3.1	3.5	3.6	3.5
104.5°	0.7	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	2.1	2.8	3.2	3.3	3.2
105.5°	0.8	1.1	0.7	0.9	1.0	1.4	2.0	2.6	3.0	3.1	3.0
106°	0.8	1.2	0.7	0.9	1.0	1.4	1.9	2.5	2.9	3.0	2.9
106.5°	0.9	1.1	0.8	0.9	1.0	1.3	1.8	2.4	2.7	2.9	2.8
107°	0.9	1.1	0.8	1.0	1.0	1.3	1.8	2.2	2.6	2.7	2.6
107.5°	0.9	1.1	0.8	1.0	1.0	1.3	1.7	2.1	2.5	2.6	2.5
108°	1.0	1.1	0.9	1.0	1.0	1.2	1.6	2.0	2.3	2.5	2.4
108.5°	1.1	1.1	1.0	1.0	1.1	1.2	1.6	1.9	2.2	2.3	2.3
109°	1.2	1.2	1.0	0.9	1.1	1.2	1.5	1.9	2.1	2.2	2.2
109.5°	1.2	1.2	1.1	0.9	1.1	1.2	1.4	1.8	2.0	2.1	2.1
110°	1.3	1.3	1.1	0.9	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	1.6	1.9	1.9	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: P563522

CATALOG NUMBER: 2NWS23C3-NUV-MED-3500K

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	1.3	1.3	1.4	1.6	1.6	1.6
113°	1.4	1.3	1.1	1.1	1.2	1.4	1.4	1.4	1.5	1.6	1.5
113.5°	1.4	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	1.4	1.4	1.4	1.5	1.5
115°	1.5	1.4	1.2	1.1	1.2	1.5	1.5	1.4	1.4	1.5	1.5
115.5°	1.5	1.5	1.3	1.1	1.2	1.5	1.5	1.5	1.5	1.5	1.5
116°	1.5	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	1.2	1.4	1.5	1.5	1.5	1.5	1.5
117°	1.5	1.6	1.6	1.2	1.3	1.3	1.5	1.6	1.5	1.5	1.5
117.5°	1.5	1.6	1.7	1.2	1.3	1.2	1.6	1.6	1.6	1.6	1.6
118°	1.4	1.6	1.8	1.2	1.3	1.2	1.7	1.6	1.6	1.6	1.6
118.5°	1.4	1.6	1.8	1.2	1.4	1.3	1.7	1.6	1.7	1.7	1.7
119°	1.4	1.6	1.7	1.3	1.4	1.3	1.6	1.6	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	1.4	1.3	1.4	1.8	1.7	1.7	1.7
120.5°	1.4	1.6	1.6	1.4	1.5	1.4	1.3	1.8	1.7	1.7	1.7
121°	1.5	1.6	1.6	1.5	1.5	1.4	1.3	1.7	1.8	1.7	1.8
121.5°	1.5	1.6	1.7	1.5	1.5	1.4	1.3	1.5	1.8	1.8	1.8
122°	1.5	1.7	1.7	1.5	1.5	1.5	1.3	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	1.7	1.6
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	1.5	1.4	1.3	1.4	1.4	1.4
124°	1.5	1.7	1.9	1.7	1.6	1.6	1.4	1.3	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	1.6	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	1.4	1.4	1.4	1.4
126.5°	1.6	1.7	1.9	2.1	1.8	1.7	1.6	1.5	1.4	1.4	1.4
127°	1.6	1.7	1.8	2.2	1.8	1.7	1.6	1.5	1.4	1.4	1.4
127.5°	1.6	1.7	1.8	2.2	1.8	1.7	1.6	1.5	1.5	1.4	1.5
128°	1.6	1.7	1.8	2.2	1.8	1.7	1.7	1.6	1.5	1.5	1.5
128.5°	1.6	1.8	1.7	2.2	1.8	1.8	1.7	1.6	1.5	1.5	1.5
129°	1.6	1.8	1.7	2.1	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	1.6	1.6	1.5	1.6
130°	1.6	1.8	1.6	2.1	2.0	1.8	1.7	1.7	1.6	1.6	1.6
130.5°	1.7	1.7	1.6	2.0	2.0	1.9	1.8	1.7	1.6	1.6	1.6
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	1.6	1.7
132°	1.7	1.8	1.7	2.0	2.2	1.9	1.8	1.7	1.7	1.7	1.7
132.5°	1.7	1.8	1.7	2.0	2.4	2.0	1.8	1.8	1.7	1.7	1.7
133°	1.7	1.8	1.7	2.1	2.5	2.0	1.9	1.8	1.8	1.7	1.8
133.5°	1.7	1.8	1.7	2.1	2.7	2.0	1.9	1.8	1.8	1.7	1.8



TEST NUMBER: P563522

CATALOG NUMBER: 2NWS23C3-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
135°	1.8	1.8	1.8	2.1	2.8	2.1	2.0	1.9	1.8	1.8	1.8
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	2.6	2.2	2.0	1.9	1.9	1.8	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	1.9	2.1	2.5	2.4	2.1	2.0	1.9	1.9	1.9
137.5°	1.8	1.9	2.0	2.0	2.4	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	2.1	2.0	2.0	1.9	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	2.0	2.0	2.0
139.5°	1.8	1.9	2.0	1.9	2.5	3.0	2.3	2.1	2.1	2.0	2.1
140°	1.8	1.9	2.1	1.8	2.5	3.0	2.4	2.2	2.1	2.0	2.1
140.5°	1.9	1.8	2.1	1.8	2.5	2.9	2.5	2.2	2.1	2.1	2.1
141°	1.9	1.8	2.1	1.8	2.5	2.8	2.7	2.2	2.1	2.1	2.2
141.5°	1.9	1.8	2.1	1.8	2.5	2.7	2.8	2.3	2.2	2.1	2.2
142°	1.9	1.8	2.1	1.9	2.5	2.6	3.0	2.4	2.2	2.2	2.2
142.5°	1.9	1.9	2.1	1.9	2.4	2.6	3.1	2.4	2.3	2.2	2.3
143°	1.9	1.9	2.1	1.9	2.4	2.5	3.1	2.6	2.3	2.2	2.3
143.5°	1.9	1.9	2.2	1.9	2.3	2.5	3.0	2.8	2.4	2.3	2.4
144°	1.9	2.0	2.2	1.9	2.2	2.5	2.9	2.9	2.5	2.4	2.5
144.5°	1.9	2.0	2.2	2.0	2.2	2.5	2.8	3.1	2.7	2.5	2.7
145°	1.9	2.0	2.2	2.0	2.1	2.6	2.7	3.2	2.9	2.7	2.8
145.5°	1.9	1.9	2.3	2.0	2.1	2.6	2.6	3.1	3.0	2.9	3.0
146°	1.9	1.9	2.3	2.0	2.0	2.6	2.6	3.0	3.1	3.0	3.1
146.5°	1.9	1.9	2.3	2.1	2.0	2.6	2.5	2.9	3.2	3.1	3.2
147°	2.0	1.8	2.3	2.1	1.9	2.5	2.5	2.8	3.1	3.1	3.1
147.5°	2.0	1.8	2.3	2.1	1.9	2.4	2.5	2.7	3.0	3.1	3.0
148°	1.9	1.8	2.3	2.1	1.9	2.4	2.6	2.6	2.9	2.9	2.9
148.5°	1.9	1.8	2.2	2.1	1.9	2.3	2.6	2.6	2.7	2.8	2.8
149°	1.9	1.8	2.2	2.1	1.8	2.2	2.6	2.5	2.6	2.7	2.7
149.5°	1.8	1.8	2.2	2.2	1.9	2.2	2.6	2.6	2.6	2.6	2.6
150°	1.8	1.8	2.2	2.2	1.9	2.1	2.5	2.6	2.5	2.5	2.6
150.5°	1.8	1.8	2.2	2.2	1.9	2.0	2.5	2.6	2.5	2.5	2.5
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	1.9	1.8	2.2	2.6	2.6	2.6	2.6
152.5°	1.9	1.8	2.2	2.2	2.0	1.8	2.1	2.5	2.6	2.6	2.6
153°	1.9	1.8	2.2	2.2	2.0	1.8	2.1	2.4	2.6	2.6	2.6
153.5°	1.8	1.8	2.2	2.2	2.0	1.8	2.0	2.3	2.5	2.5	2.5
154°	1.8	1.8	2.2	2.3	2.0	1.8	1.9	2.2	2.4	2.5	2.4
154.5°	1.9	1.8	2.2	2.3	2.1	1.8	1.8	2.1	2.3	2.4	2.3
155°	1.9	1.8	2.2	2.2	2.1	1.9	1.8	2.0	2.2	2.3	2.2
155.5°	1.9	1.8	2.1	2.2	2.1	1.9	1.8	1.9	2.1	2.2	2.1
156°	1.9	1.7	2.1	2.2	2.1	1.9	1.8	1.9	2.0	2.1	2.0



TEST NUMBER: P563522

CATALOG NUMBER: 2NWS23C3-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
157.5°	1.9	1.7	2.1	2.2	2.2	2.0	1.9	1.8	1.8	1.8	1.8
158°	1.9	1.7	2.1	2.2	2.2	2.0	1.9	1.8	1.8	1.8	1.8
158.5°	1.9	1.7	2.1	2.2	2.2	2.1	1.9	1.8	1.8	1.8	1.8
159°	1.9	1.7	2.0	2.2	2.2	2.1	1.9	1.8	1.8	1.8	1.8
159.5°	1.9	1.7	2.1	2.2	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	2.1	2.0	1.9	1.8	1.8	1.8
161°	1.9	1.7	2.0	2.2	2.2	2.2	2.0	2.0	1.9	1.8	1.8
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	2.0	2.0	1.9	1.9
163°	1.7	1.7	2.0	2.1	2.2	2.2	2.1	2.1	2.0	2.0	2.0
163.5°	1.7	1.7	2.0	2.1	2.2	2.2	2.2	2.1	2.0	2.0	2.0
164°	1.6	1.6	2.0	2.1	2.2	2.2	2.2	2.1	2.0	2.0	2.0
164.5°	1.6	1.6	2.0	2.1	2.2	2.2	2.2	2.1	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	2.1	2.1	2.1
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	2.1	2.2	2.2	2.2	2.2	2.2	2.2
168°	1.3	1.3	1.7	2.0	2.1	2.2	2.2	2.2	2.2	2.2	2.2
168.5°	1.3	1.3	1.5	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	1.7	1.9	2.1	2.2	2.2	2.2	2.2	2.2
170°	1.3	1.3	1.3	1.5	1.9	2.1	2.1	2.2	2.2	2.2	2.2
170.5°	1.3	1.3	1.3	1.4	1.8	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	2.1	2.1	2.1	2.1
171.5°	1.3	1.3	1.3	1.4	1.8	1.9	2.1	2.1	2.1	2.1	2.1
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	1.3	1.8	1.8	2.0	2.1	2.1	2.1	2.1
173°	1.3	1.3	1.3	1.3	1.6	1.8	2.0	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	1.3	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	2.0	2.1	2.1	1.9
175°	1.3	1.3	1.3	1.3	1.4	1.4	1.8	2.0	2.0	2.0	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	1.7
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	1.7	1.4
177.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.6	1.6	1.7	1.4
178°	1.3	1.3	1.3	1.4	1.3	1.3	1.4	1.6	1.5	1.4	1.3
178.5°	1.7	1.6	1.5	1.4	1.3	1.3	1.3	1.3	1.4	1.2	1.3



TEST NUMBER: P563522

CATALOG NUMBER: 2NWS23C3-NUV-MED-3500K

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: P563522

CATALOG NUMBER: 2NWS23C3-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
0°	880.8	880.8	880.8	880.8	880.8	880.8	880.8	880.8	880.8	880.8	880.8
0.5°	877.7	881.5	883.4	880.4	881.4	879.3	881.4	881.2	883.5	862.9	890.4
1°	879.6	879.9	881.9	879.4	880.4	879.8	880.2	881.0	879.5	872.3	889.2
1.5°	878.8	880.3	883.4	880.1	879.7	877.6	881.1	881.0	875.6	874.0	892.2
2°	881.6	880.8	881.1	878.0	879.4	877.6	880.4	878.9	877.9	871.9	886.8
2.5°	878.8	879.0	877.6	877.7	878.6	877.8	878.9	877.5	878.3	872.4	886.8
3°	877.3	878.9	879.3	876.3	877.9	877.5	874.4	878.1	879.0	876.7	886.7
3.5°	875.8	866.4	876.9	876.5	876.3	875.6	876.6	876.7	875.2	869.2	885.5
4°	874.8	872.9	876.7	875.3	876.3	873.9	876.7	874.6	876.4	867.5	884.6
4.5°	875.3	877.5	876.1	874.0	875.3	876.0	874.6	874.0	874.8	864.6	889.1
5°	873.5	887.0	876.1	872.9	873.3	870.5	875.1	872.3	872.7	867.8	884.7
5.5°	872.8	874.0	875.4	871.7	871.8	870.2	874.7	872.2	874.5	866.0	881.5
6°	871.8	872.0	871.0	870.5	871.7	870.3	871.1	872.1	871.4	864.2	879.7
6.5°	869.9	870.8	871.0	869.2	869.2	868.4	869.6	868.2	869.5	863.5	879.6
7°	868.3	871.8	870.1	868.5	867.8	867.4	873.5	867.5	868.8	860.6	878.5
7.5°	866.6	867.3	868.0	866.4	866.5	865.2	876.6	866.3	866.9	860.4	875.5
8°	864.9	866.2	865.5	864.2	864.6	862.0	863.5	864.7	864.6	859.4	874.6
8.5°	863.3	864.1	863.4	862.9	862.3	860.0	863.7	861.4	862.9	858.7	871.5
9°	861.7	862.0	861.9	860.3	860.3	858.2	861.6	864.5	860.9	852.2	867.9
9.5°	859.5	860.4	860.1	857.8	858.8	856.3	859.8	856.6	859.5	855.3	872.0
10°	855.9	858.1	857.8	856.8	856.6	855.6	856.3	856.4	865.6	851.5	873.6
10.5°	855.1	856.2	855.5	854.2	854.2	853.5	854.5	854.6	855.2	848.3	863.3
11°	852.3	852.7	852.8	851.6	852.0	850.3	852.3	851.2	850.3	845.8	858.6
11.5°	850.0	851.0	851.0	849.8	849.4	849.2	846.7	848.7	848.1	842.7	859.0
12°	847.9	848.4	848.6	846.4	847.0	845.8	846.6	846.5	845.6	840.3	857.3
12.5°	845.3	845.3	845.6	843.4	844.1	843.9	843.5	848.3	846.6	840.5	857.4
13°	842.1	842.7	842.5	842.0	840.8	841.7	841.9	841.2	841.6	827.9	850.7
13.5°	839.2	839.5	840.1	838.0	838.9	837.6	839.5	838.2	838.5	836.1	849.4
14°	836.1	837.2	836.5	834.6	835.5	833.6	834.9	837.0	835.9	823.7	846.2
14.5°	833.6	833.3	832.2	832.3	832.8	831.1	832.2	833.6	833.0	820.0	843.4
15°	830.8	831.2	831.7	829.5	829.2	828.0	830.9	829.9	829.3	824.8	840.3
15.5°	827.1	827.4	827.0	826.1	825.9	824.2	827.1	826.0	826.8	822.3	840.4
16°	824.4	826.3	823.6	822.7	822.8	822.9	822.2	822.9	824.1	816.6	833.2
16.5°	819.9	819.3	820.5	817.9	819.6	819.6	818.3	819.4	819.1	815.9	829.4
17°	816.9	817.9	816.6	816.7	816.2	814.6	818.4	815.6	817.4	812.4	827.8
17.5°	813.9	814.5	815.0	812.2	812.7	810.3	814.1	817.4	812.6	806.2	821.8
18°	809.5	810.4	810.6	809.3	808.8	807.5	809.7	809.2	810.6	804.1	818.5
18.5°	805.7	806.6	808.6	784.8	805.2	803.8	804.1	803.3	806.1	800.8	816.0
19°	801.9	782.8	802.5	805.5	800.4	799.6	800.9	801.1	801.5	796.1	812.2
19.5°	798.2	800.2	797.7	799.4	796.3	795.8	797.9	796.1	798.3	792.6	807.4
20°	794.5	794.7	793.7	788.5	793.4	791.6	794.0	793.3	794.1	790.0	803.4
20.5°	790.1	789.9	790.3	788.7	788.6	787.6	789.8	787.8	791.5	783.8	800.9
21°	785.5	791.6	786.0	784.4	785.7	783.6	784.4	785.9	782.1	783.3	794.3



TEST NUMBER: P563522

CATALOG NUMBER: 2NWS23C3-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
22.5°	772.5	771.8	773.9	771.2	771.8	770.6	771.4	771.9	773.6	768.5	783.4
23°	768.8	768.3	767.1	766.5	767.8	766.0	768.9	767.6	769.1	764.0	777.7
23.5°	755.3	765.4	764.0	765.8	762.7	761.1	761.8	763.8	763.4	757.3	773.8
24°	757.7	762.8	759.7	757.9	758.7	756.5	758.6	758.0	762.5	750.4	769.1
24.5°	753.3	754.1	752.4	753.4	753.2	752.1	753.8	753.4	755.3	748.6	764.4
25°	748.9	748.7	749.1	748.5	748.6	747.1	748.2	748.6	750.2	743.0	759.1
25.5°	743.0	743.5	744.8	742.8	744.1	742.3	742.9	743.3	742.0	739.9	754.3
26°	738.5	739.5	740.5	738.5	738.5	737.1	738.5	740.2	739.9	733.7	748.7
26.5°	732.9	732.7	734.2	732.2	733.2	731.7	733.8	733.3	737.2	729.9	743.8
27°	728.3	727.5	726.4	729.2	728.5	726.4	728.5	729.5	727.1	724.5	738.8
27.5°	722.6	724.1	725.6	723.1	722.9	721.2	722.9	723.7	724.5	719.0	733.8
28°	717.1	718.7	718.2	717.6	718.0	717.0	717.2	717.9	721.2	713.8	727.9
28.5°	712.0	711.3	714.1	712.8	712.6	709.9	712.1	712.2	711.3	706.4	722.7
29°	706.5	706.0	706.7	706.8	707.1	708.6	706.5	711.6	706.2	702.3	715.9
29.5°	700.1	702.3	702.2	698.7	701.1	700.3	700.8	701.1	701.8	698.1	722.8
30°	685.2	695.2	695.7	695.0	695.8	694.5	695.8	695.8	697.1	692.7	701.0
30.5°	683.2	688.0	690.9	690.4	690.4	688.3	689.8	689.8	691.7	689.4	699.8
31°	680.3	684.9	684.2	683.9	684.9	683.0	684.0	684.8	685.6	681.0	694.7
31.5°	676.7	679.5	678.5	679.4	678.9	676.9	678.0	679.4	679.2	673.8	689.7
32°	671.8	671.8	672.5	673.5	672.9	671.5	672.2	672.4	673.9	669.5	683.4
32.5°	663.8	665.2	666.9	669.0	666.8	665.9	666.0	667.2	668.4	663.6	678.9
33°	657.7	658.1	660.4	660.2	661.0	659.8	660.8	660.5	661.9	656.7	671.2
33.5°	652.9	653.5	654.8	655.1	655.4	654.0	653.3	654.9	654.7	652.2	665.1
34°	645.7	645.0	650.3	648.7	649.2	647.4	649.2	649.7	649.8	646.2	658.9
34.5°	638.2	640.2	642.7	641.7	643.2	642.1	642.3	644.4	643.6	638.7	652.6
35°	632.2	633.9	635.9	635.4	636.9	635.1	636.3	635.8	637.8	634.1	646.4
35.5°	624.9	628.6	634.2	629.4	630.8	629.4	630.3	631.0	631.2	627.8	640.9
36°	619.0	620.7	625.0	624.1	624.3	624.1	624.2	625.6	623.2	622.1	634.2
36.5°	612.8	609.5	616.5	617.1	617.6	617.3	617.7	617.6	619.5	615.4	627.0
37°	603.2	608.0	610.2	611.3	611.8	610.8	611.3	612.0	610.3	609.4	620.8
37.5°	597.8	601.0	603.5	604.0	605.3	604.5	604.9	607.5	606.4	602.4	615.1
38°	593.0	590.6	597.4	598.1	598.5	597.0	598.4	598.3	605.2	597.4	609.2
38.5°	588.2	590.3	591.1	592.3	592.5	591.1	591.5	593.0	592.0	589.5	601.6
39°	576.4	584.0	584.8	585.1	586.1	584.9	586.1	586.2	592.0	584.2	594.9
39.5°	572.6	575.3	577.0	578.5	579.4	578.8	579.3	580.5	580.9	576.1	591.5
40°	562.1	566.6	570.4	571.7	573.0	571.7	572.9	574.2	574.5	570.4	580.3
40.5°	558.8	562.7	564.1	564.4	566.4	565.1	565.9	566.0	566.6	563.4	575.4
41°	550.2	553.3	556.1	554.8	559.6	558.2	559.4	559.5	561.2	554.7	565.1
41.5°	544.4	545.5	549.3	551.1	552.9	552.8	552.8	552.9	554.0	552.1	559.0
42°	536.2	540.8	544.3	545.3	546.6	545.2	546.0	548.5	548.0	545.4	555.1
42.5°	529.0	533.5	536.8	537.8	538.8	539.2	539.4	538.3	540.4	537.1	549.2
43°	521.8	524.7	528.3	532.3	532.8	532.0	532.3	533.0	529.6	531.5	541.8
43.5°	515.2	520.7	521.7	523.4	525.7	524.8	526.0	527.4	527.0	523.5	537.2



TEST NUMBER: P563522

CATALOG NUMBER: 2NWS23C3-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
45°	493.0	499.2	500.7	502.9	505.5	504.9	505.6	505.5	506.7	505.0	514.2
45.5°	486.4	491.9	495.2	498.6	498.7	497.2	498.9	499.2	501.0	496.6	508.6
46°	479.3	484.6	487.8	489.0	491.9	491.5	491.6	492.4	493.5	489.8	501.8
46.5°	471.3	476.9	481.1	483.0	484.7	484.7	486.0	485.8	486.7	482.5	491.6
47°	464.8	471.5	473.7	475.6	478.1	478.0	478.3	478.1	479.1	477.2	485.3
47.5°	458.4	462.7	467.1	474.4	471.1	471.0	471.7	472.1	472.8	470.8	480.5
48°	450.8	455.4	460.7	462.8	464.5	464.2	464.1	465.1	466.6	466.3	471.8
48.5°	443.6	449.1	453.6	454.9	457.5	457.5	459.2	458.8	459.7	455.3	465.2
49°	437.1	441.2	444.8	447.0	450.7	450.4	451.2	451.8	451.9	450.6	460.2
49.5°	429.9	434.0	439.9	444.8	443.9	444.2	444.4	444.7	445.6	444.3	452.4
50°	422.7	427.4	433.2	435.4	437.3	437.1	437.4	437.9	438.8	436.3	446.8
50.5°	415.6	420.5	425.9	426.8	430.3	430.7	430.6	431.5	431.5	431.6	437.4
51°	408.9	413.7	418.2	421.4	423.3	423.5	425.0	425.1	425.0	421.0	430.9
51.5°	401.2	406.4	411.7	413.9	416.6	416.2	419.2	417.6	418.2	415.5	423.9
52°	394.8	399.6	405.6	407.3	409.8	409.6	410.9	411.2	411.7	410.5	417.4
52.5°	388.4	392.7	399.1	402.6	403.1	403.7	403.6	404.1	404.4	401.7	410.1
53°	381.5	386.3	392.3	394.9	396.1	397.5	396.6	396.9	397.6	397.0	404.6
53.5°	374.8	379.2	385.2	387.0	389.2	390.5	389.9	390.4	390.4	389.0	397.1
54°	367.2	372.3	377.7	380.0	382.7	383.1	384.9	383.8	384.1	382.5	389.1
54.5°	361.6	365.5	370.1	374.2	375.7	375.9	376.9	376.7	377.6	375.6	385.0
55°	354.1	359.4	364.8	367.5	369.3	369.4	369.7	370.2	370.8	369.2	375.4
55.5°	347.8	352.3	356.9	361.9	362.5	362.6	362.0	363.0	364.8	362.1	370.3
56°	340.9	345.7	351.1	354.3	355.9	358.4	355.7	356.6	357.3	355.4	362.0
56.5°	334.7	339.3	344.2	347.3	349.1	349.5	350.6	349.7	350.8	349.5	355.4
57°	328.4	332.5	338.8	340.2	342.3	342.4	342.8	342.9	342.7	342.3	350.4
57.5°	321.6	325.9	330.3	333.5	335.8	334.9	335.4	336.1	337.1	337.4	343.1
58°	315.3	319.7	324.5	327.7	328.9	329.5	329.1	329.8	330.5	329.0	332.8
58.5°	308.7	312.7	318.0	321.3	322.4	323.8	322.7	324.0	323.4	322.4	328.8
59°	302.5	306.5	310.6	313.7	316.1	316.7	316.4	316.1	316.2	315.7	322.3
59.5°	296.4	297.5	305.8	306.8	309.5	309.1	308.9	309.7	309.8	309.0	316.6
60°	290.2	293.6	298.1	300.5	303.3	302.5	302.2	304.1	303.7	303.3	309.8
60.5°	283.9	287.6	293.3	293.9	296.2	297.4	296.4	296.3	296.7	296.7	303.0
61°	277.6	281.5	284.1	288.0	289.2	290.4	289.8	288.5	290.3	289.8	296.5
61.5°	271.6	275.4	280.1	281.3	283.0	282.8	282.9	283.2	284.2	283.9	288.3
62°	265.6	268.9	273.1	275.0	276.5	276.6	276.4	276.5	277.4	277.1	283.5
62.5°	259.7	262.9	266.6	268.4	270.9	270.5	269.9	270.2	271.7	270.6	275.8
63°	253.5	256.9	260.3	262.0	264.0	263.9	263.2	263.3	264.6	264.1	270.1
63.5°	247.8	250.8	254.3	255.0	257.5	256.9	256.9	256.7	258.0	257.8	263.3
64°	242.0	244.9	247.8	250.7	251.5	251.0	250.2	251.2	253.0	251.2	257.3
64.5°	236.1	238.9	242.2	245.6	245.0	244.7	243.9	245.4	245.3	245.3	251.5
65°	230.4	233.2	236.0	238.2	238.5	237.9	237.4	237.8	238.2	239.0	243.7
65.5°	224.9	227.3	230.0	231.7	232.1	231.6	231.9	231.4	232.8	232.5	237.6
66°	219.0	221.6	224.0	225.5	226.3	225.5	224.8	224.9	226.6	226.3	231.7



TEST NUMBER: P563522

CATALOG NUMBER: 2NWS23C3-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
67.5°	202.4	204.6	206.6	207.3	207.5	206.3	205.7	206.2	207.4	206.7	213.4
68°	197.2	199.0	200.7	202.3	201.6	200.5	199.6	199.8	201.3	201.8	207.3
68.5°	191.7	193.4	195.0	195.6	195.6	194.1	193.4	193.9	194.8	195.7	201.3
69°	186.4	187.9	189.5	189.8	189.6	188.1	187.1	187.5	188.6	189.0	195.5
69.5°	181.2	182.5	183.6	183.7	183.3	181.7	180.9	180.9	182.2	183.2	188.9
70°	175.9	177.2	177.9	178.2	178.0	176.1	174.7	175.1	176.0	176.8	183.1
70.5°	170.6	171.7	172.6	172.3	171.7	169.8	168.6	169.1	170.3	172.2	177.1
71°	165.4	166.6	167.1	167.0	165.8	164.0	162.9	162.7	164.7	165.5	171.0
71.5°	160.4	161.4	162.0	161.5	160.2	158.5	156.7	157.0	158.5	159.7	166.3
72°	155.5	156.2	156.5	156.0	154.3	152.0	150.9	150.9	152.5	153.9	159.8
72.5°	150.5	151.3	150.9	150.3	148.6	146.2	144.7	145.2	146.1	148.2	153.0
73°	145.7	145.9	146.2	144.9	143.0	140.5	138.8	139.5	140.4	142.7	148.1
73.5°	140.9	141.1	140.6	139.5	137.6	134.5	133.1	133.9	134.8	137.2	142.7
74°	135.9	136.0	135.7	134.1	131.8	128.6	127.1	128.2	129.2	131.7	137.4
74.5°	131.3	131.2	130.8	128.8	126.5	123.4	121.3	122.6	123.5	126.1	132.0
75°	126.8	126.5	125.5	123.7	121.1	117.7	115.6	116.8	118.2	120.6	126.6
75.5°	122.2	121.7	121.0	118.6	115.8	112.6	110.1	110.8	112.5	115.2	121.3
76°	117.5	117.1	116.9	113.6	110.4	106.7	104.6	105.1	106.9	110.1	115.8
76.5°	113.1	112.4	111.3	108.5	105.3	101.6	99.0	99.7	101.4	104.1	110.6
77°	108.6	107.9	106.4	103.7	100.2	96.4	93.6	94.2	96.3	98.8	105.4
77.5°	104.2	103.3	101.6	98.7	95.1	90.6	88.3	88.7	90.4	93.6	100.3
78°	99.9	98.9	97.2	93.8	90.2	85.9	83.0	83.3	85.4	88.4	95.5
78.5°	95.8	94.7	92.4	89.2	85.4	81.0	78.0	78.1	80.0	83.4	90.2
79°	91.7	90.3	88.0	84.7	80.5	76.1	72.9	72.9	74.9	78.4	85.7
79.5°	87.5	86.1	83.6	80.2	75.9	71.1	67.8	67.9	69.7	73.5	80.4
80°	83.8	82.1	79.3	75.6	71.1	66.4	62.9	62.7	64.9	68.6	75.0
80.5°	79.9	78.1	75.4	71.3	66.8	61.9	57.9	58.0	60.2	64.1	71.5
81°	76.1	74.2	71.3	67.2	62.4	58.2	53.8	53.4	55.6	59.6	66.6
81.5°	72.5	70.5	67.2	63.1	57.8	54.0	49.6	48.7	50.8	55.3	62.6
82°	69.0	66.8	63.7	59.0	54.0	49.7	45.4	44.2	46.5	50.9	57.8
82.5°	65.5	63.3	60.0	55.5	50.3	45.4	41.2	39.9	42.3	46.8	53.6
83°	62.1	59.8	56.7	52.0	46.6	41.2	37.1	35.9	38.1	42.5	49.6
83.5°	58.7	56.8	53.5	48.6	42.9	37.5	33.3	31.9	34.1	38.7	45.8
84°	55.9	53.8	50.3	45.1	39.4	33.7	29.5	28.2	30.5	35.1	42.1
84.5°	53.2	50.8	47.1	41.6	35.9	30.1	26.0	24.5	26.8	31.6	38.6
85°	50.4	47.8	43.8	38.5	32.6	26.7	22.5	21.1	23.4	28.1	35.0
85.5°	47.7	44.8	40.9	35.5	29.5	23.5	19.2	18.2	20.1	25.1	31.7
86°	44.9	42.0	38.0	32.5	26.6	20.5	16.1	15.4	17.5	21.8	28.7
86.5°	42.2	39.3	35.2	29.8	23.8	17.8	13.3	12.5	14.8	19.0	25.7
87°	39.6	36.8	32.5	27.2	21.3	15.3	10.7	9.6	12.2	16.7	22.9
87.5°	37.2	34.3	30.2	24.8	18.9	13.0	8.4	6.7	9.5	14.4	20.2
88°	34.8	31.9	27.8	22.5	16.7	10.9	6.2	4.6	6.9	12.2	18.0
88.5°	32.6	29.6	25.5	20.4	14.6	9.0	5.0	2.9	5.0	9.9	15.9



TEST NUMBER: P563522

CATALOG NUMBER: 2NWS23C3-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
90°	26.3	23.6	19.6	14.8	9.7	5.1	1.5	0.2	1.5	4.7	9.4
90.5°	24.6	21.7	17.9	13.2	8.3	4.3	1.0	0.2	1.0	3.6	7.9
91°	22.8	20.0	16.2	11.8	7.1	3.4	0.7	0.2	0.7	2.8	6.5
91.5°	21.1	18.3	14.7	10.4	6.1	2.5	0.5	0.2	0.6	2.2	5.4
92°	19.4	16.9	13.3	9.2	5.3	2.0	0.4	0.2	0.5	1.8	4.4
92.5°	17.9	15.4	12.0	8.1	4.6	1.6	0.3	0.2	0.4	1.5	3.7
93°	16.5	14.0	10.8	7.1	3.9	1.3	0.3	0.1	0.4	1.4	3.2
93.5°	15.2	12.8	9.7	6.2	3.1	1.1	0.2	0.1	0.4	1.3	2.8
94°	13.9	11.7	8.7	5.6	2.7	0.9	0.2	0.1	0.4	1.2	2.5
94.5°	12.8	10.7	7.7	5.0	2.3	0.8	0.2	0.2	0.4	1.2	2.4
95°	11.7	9.6	7.0	4.4	2.1	0.7	0.2	0.2	0.4	1.1	2.2
95.5°	10.7	8.7	6.2	3.7	1.8	0.7	0.3	0.2	0.4	1.1	2.1
96°	9.7	7.9	5.7	3.3	1.7	0.6	0.3	0.2	0.4	1.1	2.1
96.5°	8.9	7.1	5.1	3.0	1.5	0.5	0.3	0.3	0.3	1.1	2.0
97°	8.1	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°	6.8	5.5	3.7	2.3	1.2	0.5	0.3	0.4	0.3	1.0	1.9
98.5°	6.2	5.0	3.4	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°	4.9	3.8	2.9	1.7	0.8	0.5	0.4	0.5	0.4	1.0	1.8
100.5°	4.5	3.7	2.7	1.6	0.8	0.5	0.5	0.5	0.4	1.0	1.8
101°	4.2	3.5	2.6	1.5	0.8	0.6	0.5	0.5	0.4	1.0	1.8
101.5°	4.0	3.3	2.4	1.4	0.8	0.6	0.6	0.6	0.5	1.0	1.8
102°	3.8	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°	3.3	2.7	2.0	1.2	0.8	0.7	0.7	0.8	0.7	0.9	1.8
104°	3.2	2.5	1.8	1.1	0.8	0.7	0.8	0.9	0.8	0.9	1.8
104.5°	3.0	2.4	1.8	1.1	0.9	0.8	0.8	0.9	0.8	0.9	1.8
105°	2.9	2.3	1.7	1.1	0.9	0.8	0.9	1.0	0.8	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°	2.3	1.9	1.4	1.1	1.0	0.9	1.3	1.2	1.4	0.9	1.8
107.5°	2.2	1.8	1.4	1.1	1.1	0.9	1.4	1.3	1.4	1.0	1.8
108°	2.1	1.7	1.3	1.1	1.1	1.0	1.4	1.3	1.3	1.0	1.7
108.5°	2.0	1.7	1.3	1.1	1.0	1.0	1.4	1.3	1.3	1.0	1.7
109°	1.9	1.6	1.3	1.1	1.0	1.0	1.4	1.3	1.3	1.1	1.6
109.5°	1.9	1.5	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	1.5
110.5°	1.7	1.4	1.3	1.2	1.1	1.1	1.4	1.4	1.3	1.1	1.5
111°	1.6	1.4	1.3	1.2	1.1	1.2	1.5	1.4	1.3	1.2	1.5



TEST NUMBER: P563522

CATALOG NUMBER: 2NWS23C3-NUV-MED-3500K

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°	1.4	1.4	1.4	1.1	1.2	1.4	1.5	1.5	1.4	1.3	1.4
114°	1.4	1.5	1.4	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	1.4	1.2
115.5°	1.5	1.6	1.5	1.1	1.3	1.4	1.6	1.6	1.4	1.5	1.2
116°	1.5	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	1.3	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	1.5	1.4	1.5	1.2
117.5°	1.6	1.6	1.2	1.3	1.4	1.7	1.6	1.5	1.4	1.5	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	1.3	1.5	1.9	1.6	1.5	1.4	1.8	1.3
119°	1.7	1.6	1.3	1.4	1.5	1.9	1.6	1.4	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°	1.7	1.4	1.3	1.4	1.5	1.8	1.6	1.5	1.4	1.8	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	1.7	1.4
121.5°	1.5	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	1.4	1.5	1.7	1.7	1.7	1.5	1.5	1.8	1.5
122.5°	1.3	1.4	1.5	1.6	1.7	1.7	1.7	1.5	1.5	1.8	1.5
123°	1.3	1.4	1.5	1.6	1.7	1.7	1.8	1.6	1.5	1.7	1.5
123.5°	1.3	1.4	1.5	1.6	1.7	1.8	1.8	1.6	1.5	1.8	1.6
124°	1.3	1.4	1.6	1.6	1.8	1.8	1.8	1.6	1.5	1.8	1.6
124.5°	1.4	1.5	1.6	1.7	1.8	1.8	1.8	1.6	1.6	1.8	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°	1.4	1.6	1.7	1.7	2.1	1.9	1.8	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	2.2	1.8	1.9	1.6	1.6	1.9	1.9
127.5°	1.5	1.6	1.7	1.8	2.3	1.8	1.9	1.6	1.6	1.8	2.0
128°	1.6	1.6	1.8	1.9	2.3	1.8	1.9	1.6	1.6	1.8	2.1
128.5°	1.6	1.7	1.8	1.9	2.3	1.8	1.9	1.6	1.6	1.8	2.3
129°	1.6	1.7	1.8	1.9	2.3	1.8	1.9	1.7	1.6	1.8	2.3
129.5°	1.6	1.7	1.8	1.9	2.2	1.8	1.9	1.7	1.6	1.8	2.2
130°	1.7	1.7	1.8	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	2.0
131°	1.7	1.8	1.9	2.1	2.2	1.7	1.9	1.7	1.7	1.7	2.1
131.5°	1.7	1.8	1.9	2.1	2.1	1.7	1.9	1.7	1.7	1.7	2.1
132°	1.8	1.8	2.0	2.2	2.1	1.7	1.9	1.7	1.7	1.7	2.1
132.5°	1.8	1.8	2.0	2.3	2.1	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	1.9	1.7	1.7	1.7	2.1



TEST NUMBER: P563522

CATALOG NUMBER: 2NWS23C3-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P563522

CATALOG NUMBER: 2NWS23C3-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
157.5°	1.8	1.8	2.0	2.1	2.2	2.2	2.0	1.9	1.7	2.1	2.2
158°	1.8	1.9	2.0	2.1	2.2	2.2	2.0	1.8	1.6	1.9	2.2
158.5°	1.8	1.9	2.0	2.1	2.2	2.2	2.0	1.8	1.6	1.8	2.2
159°	1.8	1.9	2.0	2.2	2.2	2.1	2.0	1.8	1.6	1.8	2.3
159.5°	1.8	1.9	2.1	2.2	2.2	2.1	2.0	1.9	1.6	1.9	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	2.0	1.9	1.8	1.7	2.0	1.9
161°	1.9	2.0	2.1	2.2	2.2	2.0	1.7	1.7	1.7	2.0	2.0
161.5°	2.0	2.1	2.1	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°	2.0	2.1	2.2	2.1	2.1	1.8	1.8	1.7	1.7	1.9	2.2
163.5°	2.1	2.1	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	2.1	1.9	1.9	1.9	1.6	1.7	1.9	2.2
164.5°	2.1	2.2	2.2	2.2	1.8	1.9	1.9	1.6	1.7	2.0	2.2
165°	2.1	2.2	2.2	2.2	1.8	1.9	1.8	1.7	1.7	1.9	2.2
165.5°	2.2	2.2	2.1	2.2	1.9	2.0	1.7	1.8	1.6	1.8	2.1
166°	2.2	2.2	2.1	2.0	2.0	1.9	1.7	1.6	1.4	1.8	2.1
166.5°	2.2	2.2	2.2	1.8	2.0	1.9	1.7	1.4	1.4	1.8	2.1
167°	2.2	2.2	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	1.8	1.5	1.4	1.4	1.4	1.4	1.6
168.5°	2.2	2.1	2.2	2.0	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	1.3	1.4	1.4	1.4	1.4
169.5°	2.2	2.1	1.7	1.9	1.4	1.4	1.3	1.4	1.4	1.4	1.5
170°	2.2	2.1	1.6	1.7	1.4	1.3	1.3	1.4	1.4	1.4	1.5
170.5°	2.1	2.1	1.7	1.4	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	1.5	1.4	1.3	1.3	1.3	1.4	1.4	1.4	1.4
172°	1.9	1.8	1.4	1.4	1.3	1.3	1.3	1.4	1.4	1.4	1.4
172.5°	1.9	1.6	1.4	1.4	1.3	1.3	1.3	1.4	1.4	1.4	1.4
173°	1.9	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.4	1.4
173.5°	1.9	1.4	1.4	1.4	1.3	1.3	1.3	1.4	1.4	1.4	1.4
174°	1.9	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	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	1.3	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	1.4
176.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
177°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
177.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
178°	1.4	1.4	1.4	1.4	1.4	1.5	1.6	1.7	1.6	1.6	1.5
178.5°	1.3	1.4	1.5	1.4	1.6	1.8	1.9	1.9	1.9	1.9	1.7



TEST NUMBER: P563522

CATALOG NUMBER: 2NWS23C3-NUV-MED-3500K

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: P563522
 CATALOG NUMBER: 2NWS23C3-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
0°	880.8	880.8	880.8	880.8	880.8	880.8	880.8	880.8	880.8	880.8	880.8
0.5°	881.9	880.4	880.6	885.1	882.1	881.0	879.9	880.5	882.2	881.7	880.5
1°	884.3	879.8	880.6	881.8	882.5	882.3	879.4	879.7	881.2	879.8	880.4
1.5°	880.3	880.3	879.8	881.4	881.7	880.0	880.0	881.1	881.2	881.9	880.2
2°	879.1	879.5	879.8	881.5	881.8	884.1	879.4	878.6	881.7	881.8	882.1
2.5°	879.1	879.0	879.0	883.5	881.0	880.9	879.7	879.7	881.3	883.4	880.3
3°	878.2	878.6	878.6	880.0	880.0	880.4	877.8	879.3	881.3	882.1	879.7
3.5°	877.2	878.0	877.9	878.4	879.4	878.8	879.1	878.5	879.9	880.6	878.4
4°	876.6	876.5	877.6	879.9	878.4	878.6	878.0	877.9	879.5	878.9	879.1
4.5°	875.2	875.6	876.3	880.3	879.3	879.0	877.8	877.4	878.9	879.1	878.1
5°	873.7	875.2	875.5	877.0	877.9	875.5	876.5	876.4	878.4	878.5	877.0
5.5°	873.0	873.6	873.9	880.6	876.1	878.1	874.5	875.7	877.1	878.2	876.6
6°	871.7	872.2	872.6	875.3	874.8	873.9	875.3	874.9	876.5	876.9	876.7
6.5°	870.7	870.8	871.6	872.7	873.6	872.4	873.6	873.7	874.9	876.1	874.9
7°	869.0	869.3	870.6	872.2	871.9	872.7	871.7	871.7	874.6	875.3	873.9
7.5°	867.2	868.2	868.6	870.0	871.0	873.4	871.3	871.0	872.6	873.1	872.2
8°	866.0	866.6	867.1	869.6	869.3	869.4	867.5	869.3	871.7	872.3	871.2
8.5°	864.5	864.3	865.5	867.1	868.1	864.6	866.8	867.6	870.0	870.5	869.3
9°	862.0	862.5	863.4	864.8	864.4	866.7	864.0	866.4	868.7	868.9	868.0
9.5°	859.9	860.7	861.3	864.1	863.4	865.7	863.1	864.4	866.9	868.6	866.7
10°	858.4	859.0	858.9	862.2	861.9	861.8	862.0	863.1	864.7	869.6	865.3
10.5°	856.0	856.0	857.6	859.9	859.8	859.6	860.1	860.4	863.1	865.7	863.0
11°	853.5	854.1	855.4	859.0	859.9	857.5	859.3	858.5	860.8	879.1	860.7
11.5°	850.9	851.8	852.7	857.7	855.6	854.9	857.0	856.4	859.0	859.0	857.5
12°	848.2	849.4	850.3	852.3	853.4	852.7	854.0	854.6	856.9	857.1	856.5
12.5°	846.3	847.0	848.5	848.8	850.5	849.4	851.3	852.7	853.9	855.0	854.1
13°	843.4	844.6	845.8	847.8	847.3	851.5	850.0	849.6	851.8	852.6	853.7
13.5°	841.0	841.4	842.3	852.7	847.2	842.6	844.9	848.3	849.2	850.5	849.5
14°	837.3	838.7	839.5	841.9	843.0	840.5	843.7	844.4	846.3	847.6	847.2
14.5°	834.7	835.9	836.3	839.2	840.6	842.3	839.8	840.9	844.1	844.5	844.4
15°	832.2	833.2	833.7	836.2	841.4	842.2	837.4	839.1	841.3	842.5	841.6
15.5°	829.2	829.4	830.5	831.2	832.5	834.5	834.1	836.2	838.4	839.0	839.3
16°	825.1	826.1	827.5	832.8	829.4	833.2	831.4	832.7	835.0	836.7	835.4
16.5°	822.5	823.0	823.8	826.3	826.4	830.5	828.1	830.2	831.7	833.1	832.0
17°	819.3	819.9	820.7	824.0	823.8	825.2	825.1	826.3	828.1	830.2	829.2
17.5°	815.4	816.1	816.9	821.5	820.1	819.7	821.4	822.0	825.4	826.2	827.0
18°	811.5	812.5	813.9	814.4	816.2	818.3	818.5	819.1	821.6	823.3	823.9
18.5°	808.0	809.2	810.0	812.8	814.3	814.0	814.2	815.6	818.1	820.2	819.8
19°	804.0	805.3	806.3	811.1	809.5	807.9	809.9	813.3	814.2	815.9	816.1
19.5°	801.1	800.9	802.4	803.5	804.8	806.2	807.3	803.7	810.8	812.2	813.3
20°	796.2	797.2	798.3	801.0	800.3	802.3	802.5	802.7	806.9	809.0	809.2
20.5°	792.1	793.4	794.0	796.7	797.7	797.5	798.5	800.7	802.9	805.2	805.1
21°	787.5	788.8	790.0	792.8	790.5	791.8	793.8	797.9	797.6	800.7	801.0



TEST NUMBER: P563522

CATALOG NUMBER: 2NWS23C3-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
22.5°	775.1	775.8	776.9	776.7	779.5	780.3	781.2	782.2	787.3	788.0	789.1
23°	770.7	771.5	772.5	771.6	774.1	776.1	776.8	777.7	781.9	784.0	783.9
23.5°	766.0	766.8	767.5	770.3	769.3	771.8	772.1	774.1	777.5	779.8	780.3
24°	761.2	762.3	763.1	766.0	766.8	766.7	768.0	769.9	772.9	775.3	775.7
24.5°	756.2	757.3	757.9	763.8	760.2	757.7	762.9	765.5	768.5	770.2	771.5
25°	751.4	752.1	753.0	755.0	754.2	758.3	758.0	760.5	763.1	765.9	766.3
25.5°	746.4	747.6	748.1	749.2	751.5	752.1	752.5	754.9	758.7	761.3	762.6
26°	741.9	742.6	743.4	744.2	746.0	746.0	748.3	750.3	752.5	756.3	756.4
26.5°	736.9	737.5	737.6	739.5	740.1	741.2	744.0	743.9	748.7	751.0	752.6
27°	731.4	732.1	733.0	735.2	734.8	735.2	737.1	739.7	737.4	746.2	746.7
27.5°	726.6	726.4	727.1	729.7	729.7	730.1	733.6	734.5	738.6	740.8	742.8
28°	720.5	721.0	721.8	722.5	722.5	724.5	725.6	730.3	732.7	735.7	737.3
28.5°	715.6	715.8	716.8	716.4	718.1	722.1	719.3	722.7	727.2	731.4	731.4
29°	709.8	710.6	711.3	715.8	712.1	713.7	713.2	720.5	722.9	725.9	726.6
29.5°	704.3	704.7	705.4	706.1	707.8	707.6	710.3	712.8	716.6	720.1	720.5
30°	698.9	699.0	699.4	701.8	700.8	701.8	703.8	702.8	710.9	714.6	715.7
30.5°	693.0	693.4	693.7	695.3	695.0	694.6	697.9	701.2	705.4	708.6	710.2
31°	687.1	687.7	688.1	688.5	689.2	689.7	690.2	696.8	699.5	703.3	707.6
31.5°	681.9	682.0	681.9	683.0	682.0	685.6	685.1	687.1	693.3	697.0	699.0
32°	675.8	676.2	676.2	678.1	677.6	677.0	679.1	684.7	688.0	691.8	693.4
32.5°	670.2	669.9	669.9	670.8	670.4	671.7	673.5	676.6	681.7	686.2	688.1
33°	663.9	664.2	664.0	663.5	664.1	662.4	666.8	671.8	675.7	679.9	681.8
33.5°	658.0	657.7	657.2	657.7	658.6	654.4	660.4	663.5	669.5	673.9	675.8
34°	651.8	651.3	651.0	652.0	651.7	658.4	653.4	658.7	663.6	667.3	669.3
34.5°	646.1	645.8	645.2	645.9	644.4	644.3	647.9	652.4	657.2	661.4	663.3
35°	639.6	639.1	638.6	639.6	638.3	634.6	642.0	643.8	650.7	655.2	658.1
35.5°	633.4	632.8	632.0	633.0	631.9	634.1	635.4	638.9	644.6	649.0	651.5
36°	626.9	626.4	625.7	627.6	625.6	627.6	627.8	630.9	638.0	642.9	645.9
36.5°	621.6	620.6	619.5	619.6	618.1	617.5	623.0	625.5	631.6	636.9	639.2
37°	614.3	614.1	612.6	611.4	610.6	612.1	613.8	619.4	624.7	630.3	632.9
37.5°	607.7	607.1	605.7	605.8	605.8	605.3	608.2	612.3	617.9	623.6	627.5
38°	601.2	600.5	599.4	599.6	597.5	597.1	600.7	606.1	611.7	616.8	619.1
38.5°	594.9	594.0	592.7	592.6	591.2	591.3	594.1	599.1	605.1	610.3	613.2
39°	588.5	587.2	586.0	587.5	583.7	583.3	586.6	592.2	598.3	603.9	607.2
39.5°	582.0	581.0	579.0	577.9	577.3	580.4	579.3	585.6	591.5	597.0	600.5
40°	575.0	573.7	572.1	571.0	570.4	570.9	572.3	578.4	584.6	590.7	593.1
40.5°	568.5	567.5	565.4	564.7	562.6	564.3	565.4	570.9	577.4	583.4	587.0
41°	561.9	560.4	558.2	557.1	560.5	557.0	559.0	563.6	570.7	577.1	580.9
41.5°	555.5	553.6	551.7	556.0	549.4	548.9	552.4	556.3	564.2	570.0	574.2
42°	548.5	547.2	544.9	543.3	540.9	542.6	544.8	549.5	557.3	563.1	566.9
42.5°	541.6	539.9	537.8	535.6	534.2	536.2	537.5	542.6	550.4	556.1	560.2
43°	534.8	533.2	530.9	528.2	528.2	527.4	530.8	535.7	542.8	549.4	554.3
43.5°	528.4	526.5	523.8	522.4	520.3	519.9	523.5	527.8	535.7	542.3	546.7



TEST NUMBER: P563522

CATALOG NUMBER: 2NWS23C3-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
45°	507.7	505.6	502.6	502.3	499.8	499.1	502.1	508.8	515.4	521.5	525.9
45.5°	500.8	498.6	496.0	494.0	491.8	492.1	494.3	499.2	508.0	514.8	519.9
46°	494.2	491.7	488.9	486.4	485.2	485.1	486.7	495.6	500.9	508.0	512.1
46.5°	487.0	484.5	482.1	481.0	478.2	477.9	480.6	487.3	493.7	500.9	505.2
47°	480.2	477.8	474.6	472.4	468.8	470.9	473.2	481.0	486.6	493.7	498.2
47.5°	473.6	470.9	467.9	464.5	464.0	463.7	466.1	473.1	479.7	486.7	491.5
48°	466.4	464.2	460.8	458.9	456.6	456.6	459.5	464.1	472.6	479.5	484.6
48.5°	459.6	457.1	454.0	450.9	448.7	449.4	452.3	456.6	465.5	472.8	479.1
49°	452.5	450.4	446.8	445.0	439.5	442.7	444.7	451.1	458.5	465.5	470.2
49.5°	445.9	443.3	439.9	437.5	435.5	435.3	437.6	442.0	451.5	458.9	464.5
50°	438.8	436.3	433.0	430.4	428.0	428.5	431.0	436.4	444.5	451.5	454.8
50.5°	432.0	429.4	426.2	423.5	420.6	421.3	423.7	430.4	437.4	444.4	449.1
51°	425.4	422.4	419.3	416.7	414.5	414.5	416.8	421.0	430.5	437.6	442.5
51.5°	418.9	415.6	412.3	409.4	407.2	407.4	410.2	415.6	423.3	430.4	435.9
52°	411.3	408.9	405.5	403.1	400.4	400.8	403.2	407.0	416.6	423.9	429.0
52.5°	404.6	401.9	398.4	395.9	393.4	393.9	396.3	400.7	409.3	416.6	421.8
53°	397.1	395.1	391.9	389.4	386.6	387.2	389.4	395.5	402.8	409.8	414.6
53.5°	378.4	388.2	385.2	381.4	379.5	380.2	382.6	387.7	395.3	402.7	407.9
54°	384.2	381.7	378.3	373.8	373.0	373.8	376.1	382.0	388.9	395.9	401.1
54.5°	377.0	374.8	371.5	370.2	366.9	367.0	369.5	375.8	382.0	388.9	393.9
55°	370.3	368.3	364.8	362.5	359.4	360.6	362.6	367.1	375.1	382.2	387.4
55.5°	364.5	361.7	358.3	355.7	352.4	353.7	356.0	361.9	368.4	375.5	380.8
56°	356.5	355.0	351.5	348.5	346.7	346.9	349.6	354.9	361.6	368.9	373.5
56.5°	350.8	348.2	345.1	342.2	340.6	340.7	343.1	348.4	355.1	361.9	366.8
57°	343.8	341.7	338.4	336.9	335.4	333.9	336.4	341.9	348.4	355.4	359.8
57.5°	338.7	334.8	331.8	329.4	327.8	327.7	330.4	335.3	341.8	348.5	353.2
58°	331.2	328.5	325.4	322.9	322.3	321.1	323.9	328.6	335.4	341.7	346.6
58.5°	324.6	322.2	319.2	316.8	316.8	315.1	317.4	322.1	328.6	335.2	339.9
59°	317.9	315.6	312.7	309.6	304.3	308.6	311.2	316.0	322.3	328.7	333.2
59.5°	311.4	309.1	306.6	304.1	301.7	302.5	305.4	309.6	315.9	322.0	326.5
60°	304.8	302.5	300.0	298.2	296.1	296.2	298.6	303.1	309.5	315.4	319.5
60.5°	300.4	296.5	294.1	291.5	289.8	290.1	292.8	297.3	303.3	308.9	313.3
61°	291.7	290.1	287.7	285.3	283.9	284.2	286.5	290.9	296.9	303.0	306.4
61.5°	287.6	284.0	281.6	279.9	277.7	278.2	280.2	285.0	290.4	296.2	300.2
62°	279.2	277.4	275.0	273.1	271.7	272.3	274.5	278.5	284.0	289.9	293.6
62.5°	272.8	271.2	269.1	267.6	266.8	266.2	268.4	272.5	277.9	283.3	286.8
63°	266.9	265.0	263.2	261.1	259.7	260.6	262.6	266.3	272.0	277.1	280.3
63.5°	260.3	259.0	257.3	255.1	254.3	254.4	256.7	260.3	265.8	271.0	274.4
64°	254.4	253.0	251.3	249.5	248.4	248.9	250.9	254.5	259.5	264.6	267.7
64.5°	247.8	246.9	245.4	243.5	243.2	243.1	245.3	248.7	253.5	258.4	261.4
65°	241.8	240.8	239.4	238.3	237.5	237.7	239.4	243.2	247.9	252.5	255.3
65.5°	236.0	234.9	233.6	232.7	231.5	231.7	233.5	237.3	242.0	246.1	248.8
66°	229.9	229.0	227.6	226.4	225.7	226.4	227.9	231.6	235.9	239.9	242.8



TEST NUMBER: P563522

CATALOG NUMBER: 2NWS23C3-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
67.5°	212.0	211.4	210.7	210.1	209.9	210.1	211.6	214.6	218.7	222.2	223.6
68°	206.4	205.8	205.2	205.1	204.2	204.6	206.1	209.1	213.0	216.3	218.2
68.5°	199.9	200.1	199.9	199.1	198.8	199.3	200.7	203.8	207.3	210.4	211.9
69°	194.2	194.3	194.0	193.7	193.4	194.0	195.5	198.3	201.7	204.5	205.6
69.5°	188.2	188.7	188.6	188.4	188.5	188.9	190.4	192.9	196.3	199.0	199.8
70°	183.4	183.3	183.3	183.1	182.9	183.6	185.1	187.7	190.6	193.1	194.2
70.5°	176.5	177.8	178.1	177.8	177.5	178.5	180.3	182.6	185.2	187.5	188.0
71°	170.8	172.3	172.7	173.0	173.1	173.7	175.1	177.0	179.7	181.9	182.7
71.5°	165.8	166.9	167.4	167.6	168.1	168.5	170.1	172.0	174.7	176.3	176.6
72°	160.3	161.4	162.1	162.5	162.9	163.6	164.9	166.9	169.2	170.8	171.3
72.5°	154.6	156.2	157.1	157.9	158.1	158.6	159.9	161.8	164.0	165.4	165.4
73°	149.0	150.9	152.0	152.9	152.8	153.9	155.3	156.7	158.7	160.0	160.0
73.5°	144.1	145.8	147.1	147.9	148.6	149.1	150.2	151.9	153.7	154.7	154.0
74°	139.0	141.1	142.4	143.0	144.2	144.5	145.4	147.0	148.6	149.4	148.8
74.5°	134.0	136.3	137.7	138.5	139.7	140.0	140.9	142.2	143.5	144.2	143.6
75°	129.0	131.6	132.9	134.0	135.1	135.6	136.4	137.7	138.8	139.2	138.4
75.5°	123.9	126.9	128.2	129.5	130.6	131.1	132.0	133.2	134.1	134.3	133.2
76°	113.9	122.1	123.5	124.9	126.0	126.7	127.5	128.8	129.5	129.3	127.9
76.5°	114.0	116.5	118.7	120.2	121.5	122.3	123.0	124.3	124.8	124.4	122.7
77°	108.0	111.9	114.2	116.2	116.9	118.0	118.8	119.5	120.0	119.6	117.5
77.5°	103.7	106.7	109.6	111.9	112.7	113.6	114.5	115.0	115.3	114.6	112.2
78°	98.9	101.6	105.0	107.2	108.4	109.3	110.0	110.3	110.6	109.5	107.1
78.5°	94.0	97.7	100.6	102.9	104.2	105.1	105.8	106.2	106.2	104.9	102.3
79°	89.1	94.1	96.3	98.5	99.9	101.0	101.6	101.9	101.4	100.2	97.3
79.5°	84.5	88.6	92.1	94.5	95.9	96.9	97.5	97.8	97.2	95.5	92.3
80°	79.9	84.7	87.9	90.4	92.6	92.9	93.5	93.5	92.9	91.1	87.9
80.5°	76.1	80.1	83.9	86.5	88.2	89.1	89.5	89.5	88.6	86.7	83.0
81°	71.2	75.7	79.8	82.8	84.3	85.3	85.7	85.5	84.6	82.2	78.8
81.5°	67.0	72.0	75.9	78.7	80.3	81.5	81.8	81.5	80.4	78.0	74.0
82°	63.1	69.1	72.1	75.0	77.0	77.8	78.2	77.7	76.4	73.9	69.7
82.5°	59.2	64.1	68.3	71.5	73.0	74.1	74.3	74.0	72.6	69.9	65.4
83°	55.2	60.4	64.6	67.8	69.5	70.6	70.9	70.3	68.8	65.8	61.3
83.5°	51.5	56.8	61.1	64.2	66.2	67.2	67.4	66.7	65.0	62.0	57.4
84°	48.4	53.2	57.6	60.8	63.0	63.8	64.1	63.3	61.5	58.3	53.6
84.5°	44.5	50.0	54.2	57.5	59.0	60.5	60.5	59.8	57.9	54.7	49.7
85°	41.1	46.5	50.9	54.2	56.1	57.2	57.3	56.4	54.4	51.1	46.0
85.5°	37.9	43.2	47.7	50.9	53.0	54.1	54.1	53.1	51.2	47.6	42.6
86°	34.6	40.2	44.6	48.1	49.9	51.0	51.1	50.0	47.8	44.2	39.2
86.5°	31.6	37.0	41.6	44.9	47.0	48.0	47.9	47.2	44.7	41.1	36.3
87°	28.8	34.3	38.7	42.2	44.2	45.1	45.1	44.0	41.7	37.9	32.9
87.5°	26.1	31.5	36.0	39.2	41.4	42.4	42.3	41.1	38.8	35.0	29.9
88°	23.4	28.8	33.2	36.6	38.6	39.6	39.5	38.3	35.9	32.1	27.0
88.5°	20.9	26.2	30.6	33.9	36.1	37.0	36.9	35.6	33.2	29.4	24.4



TEST NUMBER: P563522

CATALOG NUMBER: 2NWS23C3-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
90°	15.0	19.4	23.6	26.9	28.7	29.6	29.5	28.1	25.7	22.0	17.6
90.5°	13.1	17.5	21.5	24.5	26.6	27.4	27.2	26.0	23.4	19.8	15.7
91°	11.3	15.8	19.4	22.5	24.4	25.3	25.1	23.8	21.3	17.7	13.9
91.5°	9.5	14.2	17.6	20.5	22.5	23.2	23.0	21.7	19.3	16.1	12.1
92°	8.1	12.6	16.1	18.7	20.5	21.2	21.0	19.8	17.4	14.5	10.3
92.5°	7.0	11.0	14.6	17.0	18.7	19.5	19.2	17.9	15.9	12.8	8.5
93°	6.0	9.4	13.1	15.6	17.1	17.8	17.5	16.3	14.4	11.2	7.4
93.5°	5.2	8.3	11.6	14.2	15.7	16.2	16.0	15.0	13.0	9.6	6.4
94°	4.6	7.3	10.1	12.8	14.4	15.0	14.7	13.7	11.5	8.5	5.5
94.5°	4.1	6.5	9.0	11.5	13.0	13.7	13.5	12.4	10.0	7.5	4.9
95°	3.7	5.8	8.1	10.1	11.7	12.4	12.2	11.0	9.0	6.6	4.3
95.5°	3.4	5.2	7.3	9.1	10.4	11.2	11.0	9.7	8.0	6.0	3.9
96°	3.3	4.8	6.6	8.3	9.4	9.9	9.7	8.8	7.3	5.4	3.7
96.5°	3.1	4.4	6.0	7.6	8.7	9.1	8.9	8.0	6.6	5.0	3.5
97°	3.0	4.2	5.6	7.0	7.9	8.3	8.1	7.3	6.1	4.6	3.3
97.5°	2.9	4.1	5.3	6.4	7.3	7.6	7.5	6.8	5.7	4.4	3.2
98°	2.9	4.0	5.0	6.1	6.8	7.1	7.0	6.3	5.3	4.2	3.1
98.5°	2.8	3.9	4.9	5.8	6.4	6.7	6.5	6.0	5.1	4.1	3.0
99°	2.8	3.8	4.7	5.6	6.1	6.3	6.2	5.7	5.0	4.0	3.0
99.5°	2.7	3.7	4.6	5.4	5.9	6.1	6.0	5.6	4.8	3.9	2.9
100°	2.7	3.6	4.5	5.3	5.8	5.9	5.8	5.4	4.7	3.8	2.8
100.5°	2.6	3.5	4.4	5.2	5.6	5.8	5.7	5.3	4.6	3.7	2.8
101°	2.6	3.5	4.3	5.1	5.5	5.7	5.6	5.2	4.5	3.7	2.8
101.5°	2.6	3.4	4.3	4.9	5.4	5.6	5.5	5.1	4.4	3.6	2.7
102°	2.6	3.4	4.2	4.9	5.3	5.4	5.3	5.0	4.3	3.5	2.7
102.5°	2.5	3.4	4.1	4.8	5.2	5.3	5.2	4.9	4.3	3.5	2.7
103°	2.5	3.3	4.0	4.7	5.1	5.2	5.1	4.8	4.2	3.5	2.6
103.5°	2.5	3.3	4.0	4.6	5.0	5.1	5.1	4.7	4.1	3.4	2.6
104°	2.5	3.3	3.9	4.5	4.9	5.1	5.0	4.6	4.1	3.4	2.5
104.5°	2.5	3.2	3.9	4.5	4.8	5.0	4.9	4.6	4.0	3.3	2.5
105°	2.5	3.2	3.9	4.4	4.8	4.9	4.8	4.5	4.0	3.3	2.5
105.5°	2.4	3.1	3.8	4.4	4.7	4.8	4.7	4.4	3.9	3.3	2.4
106°	2.4	3.1	3.8	4.3	4.7	4.8	4.7	4.4	3.9	3.2	2.4
106.5°	2.4	3.1	3.8	4.3	4.6	4.7	4.6	4.3	3.9	3.1	2.4
107°	2.4	3.1	3.7	4.2	4.5	4.7	4.6	4.3	3.8	3.1	2.4
107.5°	2.4	3.0	3.6	4.2	4.5	4.6	4.5	4.2	3.7	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	4.4	4.5	4.4	4.1	3.6	3.0	2.3
109°	2.4	3.0	3.5	4.0	4.4	4.5	4.4	4.1	3.6	3.0	2.3
109.5°	2.4	3.0	3.5	4.0	4.3	4.4	4.3	4.0	3.6	3.0	2.3
110°	2.4	3.0	3.5	3.9	4.3	4.4	4.3	4.0	3.5	3.0	2.2
110.5°	2.3	2.9	3.4	3.9	4.2	4.3	4.2	3.9	3.5	3.0	2.2
111°	2.3	2.9	3.4	3.9	4.2	4.2	4.2	3.9	3.5	2.9	2.2



TEST NUMBER: P563522

CATALOG NUMBER: 2NWS23C3-NUV-MED-3500K

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	3.3	3.8	4.0	4.0	4.0	3.7	3.4	2.8	2.0
113.5°	2.0	2.9	3.3	3.7	4.0	4.0	4.0	3.7	3.3	2.7	1.9
114°	1.9	2.8	3.3	3.7	3.9	4.0	3.9	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	3.2	2.7	1.8
115°	1.8	2.7	3.2	3.6	3.9	3.9	3.9	3.6	3.2	2.7	1.7
115.5°	1.8	2.7	3.2	3.6	3.8	3.9	3.8	3.6	3.2	2.6	1.6
116°	1.7	2.6	3.2	3.6	3.8	3.9	3.8	3.6	3.1	2.5	1.6
116.5°	1.7	2.6	3.2	3.5	3.8	3.8	3.7	3.5	3.1	2.4	1.6
117°	1.7	2.4	3.2	3.5	3.7	3.8	3.7	3.5	3.1	2.3	1.5
117.5°	1.6	2.3	3.1	3.5	3.7	3.8	3.7	3.4	3.0	2.2	1.5
118°	1.6	2.2	3.0	3.5	3.6	3.7	3.6	3.4	2.9	2.2	1.5
118.5°	1.6	2.1	3.0	3.4	3.6	3.7	3.6	3.4	2.8	2.1	1.4
119°	1.6	2.1	2.9	3.4	3.6	3.7	3.6	3.3	2.8	2.0	1.4
119.5°	1.5	2.0	2.8	3.3	3.5	3.6	3.6	3.3	2.7	1.9	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	1.9	2.6	3.2	3.4	3.5	3.4	3.1	2.5	1.8	1.3
121°	1.3	1.9	2.4	3.1	3.3	3.4	3.3	3.0	2.4	1.8	1.1
121.5°	1.3	1.9	2.4	3.0	3.3	3.3	3.2	2.9	2.3	1.7	1.1
122°	1.3	1.8	2.3	2.9	3.2	3.3	3.2	2.8	2.2	1.7	1.1
122.5°	1.3	1.8	2.2	2.7	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	2.4	2.7	2.9	2.8	2.4	2.0	1.6	1.2
124.5°	1.4	1.6	2.0	2.4	2.6	2.8	2.6	2.3	2.0	1.5	1.2
125°	1.4	1.6	2.0	2.3	2.5	2.6	2.5	2.3	1.9	1.5	1.2
125.5°	1.5	1.4	1.9	2.2	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	1.2	1.3
126.5°	1.5	1.4	1.9	2.1	2.3	2.4	2.3	2.1	1.8	1.2	1.3
127°	1.5	1.4	1.8	2.1	2.3	2.3	2.3	2.0	1.8	1.2	1.3
127.5°	1.6	1.4	1.8	2.0	2.2	2.3	2.2	2.0	1.7	1.3	1.3
128°	1.6	1.4	1.7	2.0	2.2	2.2	2.1	1.9	1.7	1.3	1.4
128.5°	1.6	1.4	1.6	2.0	2.1	2.2	2.1	1.9	1.6	1.3	1.4
129°	1.6	1.5	1.5	1.9	2.1	2.1	2.0	1.9	1.4	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	1.5	1.4	1.7	1.9	2.0	1.9	1.7	1.3	1.4	1.5
131°	1.8	1.6	1.4	1.6	1.9	1.9	1.9	1.6	1.3	1.5	1.5
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	1.3	1.4	1.5	1.6
132.5°	1.9	1.7	1.5	1.4	1.6	1.7	1.6	1.3	1.4	1.6	1.6
133°	1.9	1.7	1.5	1.4	1.4	1.6	1.4	1.4	1.5	1.6	1.7
133.5°	1.9	1.7	1.6	1.5	1.4	1.4	1.4	1.4	1.5	1.6	1.7



TEST NUMBER: P563522

CATALOG NUMBER: 2NWS23C3-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
135°	2.3	1.8	1.6	1.5	1.4	1.4	1.4	1.5	1.6	1.7	1.9
135.5°	2.4	1.8	1.7	1.6	1.5	1.4	1.5	1.5	1.6	1.7	2.0
136°	2.5	1.9	1.7	1.6	1.5	1.5	1.5	1.5	1.6	1.8	2.1
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	1.5	1.6	1.7	1.8	2.2
137.5°	2.2	2.0	1.8	1.7	1.6	1.6	1.6	1.6	1.7	1.9	2.0
138°	2.2	2.0	1.8	1.7	1.6	1.6	1.6	1.7	1.8	1.9	2.0
138.5°	2.3	2.0	1.9	1.7	1.7	1.6	1.6	1.7	1.8	1.9	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°	2.2	2.2	1.9	1.8	1.7	1.7	1.7	1.8	1.9	2.0	2.0
140°	2.2	2.4	2.0	1.8	1.7	1.7	1.7	1.8	1.9	2.1	2.0
140.5°	2.2	2.5	2.0	1.9	1.8	1.7	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	1.8	1.8	1.8	1.9	2.0	2.5	2.0
142°	2.3	2.4	2.1	2.0	1.9	1.8	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	1.9	2.1	2.2	2.0
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	2.3	2.6	2.1	2.0	2.0	2.0	2.0	2.5	2.2	2.1
144.5°	2.3	2.3	2.6	2.2	2.0	2.0	2.0	2.1	2.5	2.2	2.1
145°	2.3	2.3	2.5	2.2	2.1	2.0	2.0	2.2	2.5	2.2	2.1
145.5°	2.2	2.3	2.4	2.4	2.1	2.1	2.1	2.3	2.3	2.2	2.1
146°	2.2	2.3	2.3	2.6	2.2	2.1	2.2	2.5	2.2	2.2	2.1
146.5°	2.2	2.3	2.3	2.7	2.3	2.2	2.3	2.5	2.2	2.2	2.1
147°	2.2	2.4	2.4	2.6	2.5	2.3	2.4	2.5	2.3	2.3	2.0
147.5°	2.1	2.4	2.4	2.4	2.6	2.5	2.6	2.4	2.3	2.3	2.0
148°	2.1	2.4	2.3	2.3	2.6	2.6	2.6	2.3	2.3	2.3	2.0
148.5°	2.1	2.3	2.3	2.3	2.5	2.6	2.4	2.3	2.2	2.3	2.0
149°	2.1	2.3	2.3	2.4	2.3	2.4	2.3	2.3	2.2	2.3	2.0
149.5°	2.1	2.3	2.3	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.0
150°	2.0	2.3	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.0
150.5°	2.0	2.2	2.4	2.3	2.4	2.3	2.3	2.3	2.3	2.2	2.0
151°	2.0	2.2	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.0
151.5°	2.0	2.2	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.0
152°	2.0	2.1	2.3	2.4	2.3	2.3	2.3	2.3	2.3	2.2	2.1
152.5°	2.0	2.1	2.3	2.4	2.3	2.3	2.3	2.3	2.3	2.2	2.1
153°	2.0	2.1	2.3	2.4	2.3	2.3	2.3	2.3	2.3	2.1	2.1
153.5°	2.1	2.1	2.2	2.4	2.3	2.3	2.3	2.3	2.2	2.1	2.1
154°	2.1	2.0	2.2	2.3	2.3	2.3	2.3	2.3	2.2	2.1	2.1
154.5°	2.2	2.0	2.2	2.3	2.3	2.3	2.3	2.3	2.2	2.1	2.1
155°	2.2	2.0	2.1	2.2	2.3	2.3	2.3	2.3	2.2	2.1	2.2
155.5°	2.2	2.0	2.1	2.2	2.3	2.3	2.3	2.2	2.1	2.1	2.2
156°	2.2	2.1	2.1	2.2	2.2	2.3	2.3	2.2	2.1	2.1	2.2



TEST NUMBER: P563522

CATALOG NUMBER: 2NWS23C3-NUV-MED-3500K

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	2.1	2.1	2.1	2.1	2.2	2.3
158°	2.2	2.1	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.2	2.3
158.5°	2.1	2.2	2.1	2.0	2.1	2.1	2.1	2.1	2.1	2.2	2.3
159°	2.1	2.2	2.1	2.0	2.0	2.1	2.1	2.1	2.1	2.3	2.3
159.5°	2.2	2.2	2.1	2.0	2.0	2.0	2.1	2.1	2.2	2.3	2.3
160°	2.3	2.2	2.2	2.1	2.0	2.0	2.1	2.1	2.2	2.3	2.3
160.5°	2.3	2.1	2.2	2.1	2.1	2.0	2.1	2.1	2.2	2.3	2.3
161°	2.3	2.0	2.2	2.1	2.1	2.1	2.1	2.1	2.2	2.4	2.3
161.5°	2.3	2.1	2.2	2.2	2.1	2.1	2.1	2.2	2.3	2.4	2.3
162°	2.2	2.3	2.2	2.2	2.1	2.1	2.1	2.2	2.3	2.4	2.3
162.5°	1.9	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.3	2.4	2.3
163°	1.8	2.3	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.4	2.3
163.5°	2.1	2.3	2.1	2.3	2.2	2.2	2.2	2.3	2.4	2.4	2.3
164°	2.2	2.3	2.1	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.3
164.5°	2.2	2.3	2.2	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.3
165°	2.2	2.1	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.3
165.5°	2.2	1.8	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.3
166°	2.2	1.8	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.3
166.5°	2.2	2.1	2.3	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.3
167°	2.2	2.2	2.3	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.3
167.5°	2.1	2.2	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	2.3	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	2.2
169°	1.6	2.0	1.8	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.2
169.5°	1.5	2.0	1.9	2.3	2.2	2.4	2.4	2.4	2.4	2.3	2.2
170°	1.5	1.7	2.1	2.3	2.1	2.4	2.4	2.4	2.3	2.3	2.0
170.5°	1.5	1.5	2.0	2.1	2.2	2.3	2.3	2.3	2.3	2.3	2.0
171°	1.5	1.5	1.9	2.0	2.3	2.3	2.3	2.3	2.3	2.2	2.0
171.5°	1.5	1.5	1.5	1.7	2.2	2.3	2.3	2.3	2.3	2.2	2.0
172°	1.5	1.5	1.5	1.5	2.1	2.3	2.3	2.3	2.3	2.2	1.9
172.5°	1.4	1.5	1.5	1.5	2.0	2.2	2.3	2.2	2.2	2.2	1.9
173°	1.4	1.5	1.5	1.5	2.0	2.1	2.2	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	1.4	1.5	1.5	1.8	2.0	2.1	2.1	2.1	1.9	1.8
174.5°	1.4	1.4	1.5	1.5	1.5	1.9	2.1	2.1	2.1	1.8	1.5
175°	1.4	1.4	1.4	1.5	1.4	1.8	1.9	2.1	1.9	1.8	1.4
175.5°	1.4	1.4	1.4	1.4	1.4	1.7	1.8	2.0	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	1.4	1.4
176.5°	1.4	1.4	1.3	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	1.3	1.6	1.5	1.5	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	1.4	1.4	1.4	1.3	1.3	1.1	1.2	1.2	1.3	1.3



TEST NUMBER: P563522

CATALOG NUMBER: 2NWS23C3-NUV-MED-3500K

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: P563522

CATALOG NUMBER: 2NWS23C3-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
0°	880.8	880.8	880.8	880.8
0.5°	881.3	879.8	877.0	880.8
1°	880.8	880.1	882.7	881.4
1.5°	881.4	879.7	880.5	880.3
2°	880.7	879.7	880.3	880.5
2.5°	881.0	879.0	881.3	880.0
3°	880.2	879.1	879.7	881.0
3.5°	880.4	878.5	879.8	880.3
4°	879.4	877.6	880.9	879.6
4.5°	878.6	878.4	877.9	878.1
5°	878.6	877.0	878.6	878.1
5.5°	877.6	876.2	876.3	876.9
6°	877.4	876.7	877.9	876.1
6.5°	875.3	873.8	875.5	874.1
7°	873.9	873.1	874.6	874.3
7.5°	872.4	872.7	874.0	872.4
8°	871.3	869.8	871.5	870.9
8.5°	870.2	869.2	869.8	869.4
9°	868.9	867.6	868.2	868.5
9.5°	866.8	866.9	868.1	865.6
10°	865.2	864.3	867.6	866.2
10.5°	863.7	862.3	857.3	863.5
11°	861.4	861.0	860.9	860.9
11.5°	859.7	857.7	862.8	860.2
12°	857.4	856.1	863.0	856.6
12.5°	854.9	854.3	851.4	854.1
13°	853.3	852.0	852.3	851.3
13.5°	850.3	849.9	852.6	850.3
14°	848.0	846.1	847.6	846.1
14.5°	845.4	844.4	847.4	843.3
15°	842.0	842.1	845.1	844.4
15.5°	839.6	838.1	835.8	838.1
16°	837.1	835.2	834.8	836.4
16.5°	834.4	832.5	838.0	831.0
17°	830.7	828.3	829.6	830.9
17.5°	826.9	826.0	829.3	826.6
18°	824.4	823.5	825.6	823.8
18.5°	821.2	818.5	820.3	820.1
19°	817.1	817.0	817.2	816.2
19.5°	813.5	811.7	813.6	812.4
20°	810.1	807.9	810.9	809.6
20.5°	806.8	805.4	805.7	805.2
21°	802.5	802.3	803.5	801.7



TEST NUMBER: P563522

CATALOG NUMBER: 2NWS23C3-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
22.5°	790.4	788.7	794.6	789.7
23°	786.1	785.2	786.3	785.8
23.5°	781.8	781.7	784.7	784.5
24°	776.6	775.4	776.5	777.8
24.5°	772.6	771.9	772.7	783.1
25°	767.8	766.3	767.5	769.0
25.5°	763.2	762.6	763.8	762.3
26°	758.5	756.1	759.2	757.2
26.5°	754.4	754.2	753.7	753.3
27°	749.3	748.6	749.9	747.4
27.5°	744.2	742.8	744.6	742.3
28°	739.2	738.2	739.1	739.9
28.5°	733.6	732.9	734.5	739.2
29°	728.7	727.4	729.4	724.1
29.5°	723.2	723.2	723.9	723.6
30°	717.5	716.8	718.0	716.2
30.5°	712.3	712.3	712.6	712.0
31°	706.9	706.8	707.6	704.5
31.5°	701.1	699.8	702.0	701.0
32°	695.5	695.9	696.2	692.2
32.5°	689.8	690.5	690.8	690.8
33°	684.3	682.1	684.7	682.8
33.5°	678.5	678.7	679.2	676.2
34°	672.1	673.0	673.2	669.9
34.5°	666.2	666.5	667.3	667.2
35°	660.2	660.5	661.2	660.1
35.5°	654.4	654.3	654.4	653.3
36°	648.0	648.3	651.4	647.9
36.5°	641.9	641.2	641.8	641.5
37°	635.4	635.5	636.8	635.6
37.5°	629.0	628.7	629.6	627.3
38°	622.7	622.7	624.2	618.8
38.5°	616.8	616.9	615.7	613.2
39°	610.1	610.9	611.0	606.9
39.5°	603.6	603.2	603.7	604.3
40°	596.6	597.1	599.0	599.0
40.5°	590.3	591.0	592.3	591.0
41°	583.5	584.4	585.0	582.9
41.5°	577.1	578.1	579.0	582.0
42°	570.9	571.2	572.7	570.2
42.5°	564.0	563.6	563.8	563.0
43°	557.0	557.5	559.0	556.7
43.5°	550.2	550.8	551.7	549.9



TEST NUMBER: P563522

CATALOG NUMBER: 2NWS23C3-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
45°	529.6	529.7	531.1	529.9
45.5°	523.1	523.0	524.1	523.3
46°	515.9	516.4	518.0	513.4
46.5°	509.0	509.7	510.4	509.5
47°	502.2	502.0	504.2	503.0
47.5°	495.2	496.0	496.8	494.8
48°	488.4	489.6	490.1	486.2
48.5°	481.4	483.1	482.6	480.4
49°	474.4	475.4	475.9	476.7
49.5°	467.6	468.5	469.5	466.5
50°	460.3	461.4	461.7	461.3
50.5°	453.7	455.2	454.7	455.5
51°	446.8	447.5	448.0	446.6
51.5°	440.1	441.2	441.1	439.5
52°	432.7	433.9	434.6	432.8
52.5°	425.7	427.1	427.1	426.1
53°	419.1	419.9	420.6	418.2
53.5°	412.2	413.3	413.5	411.7
54°	405.0	406.0	406.6	405.0
54.5°	398.2	399.3	399.4	397.5
55°	391.5	392.0	392.6	391.3
55.5°	384.9	385.4	386.1	384.1
56°	377.4	378.3	379.1	377.0
56.5°	370.8	371.4	372.1	370.1
57°	363.9	364.5	365.3	362.3
57.5°	356.9	358.0	357.5	356.0
58°	350.3	351.1	351.5	350.1
58.5°	343.4	344.4	344.3	342.4
59°	336.7	337.3	337.7	336.8
59.5°	329.8	330.5	330.7	328.7
60°	323.1	323.9	323.9	322.2
60.5°	316.5	317.1	317.2	315.1
61°	309.8	310.4	310.7	309.1
61.5°	303.4	303.4	304.2	302.4
62°	296.5	297.3	297.3	294.8
62.5°	289.8	290.4	290.1	288.4
63°	283.2	283.6	283.3	281.5
63.5°	276.7	276.9	277.0	275.0
64°	270.1	270.1	269.6	267.8
64.5°	263.7	263.8	263.5	261.4
65°	257.3	257.6	256.7	254.6
65.5°	250.8	250.6	249.9	248.0
66°	244.5	244.3	244.3	241.6



TEST NUMBER: P563522

CATALOG NUMBER: 2NWS23C3-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
67.5°	225.4	224.8	224.0	221.6
68°	219.3	218.4	217.6	215.4
68.5°	213.0	212.3	211.0	208.2
69°	206.8	205.5	204.4	201.9
69.5°	200.6	199.4	198.0	195.6
70°	194.5	192.9	191.5	189.5
70.5°	188.4	186.9	185.2	182.6
71°	182.3	180.7	178.9	176.2
71.5°	176.4	174.8	172.8	170.0
72°	170.5	168.2	166.5	163.8
72.5°	164.4	162.5	160.0	157.8
73°	158.6	156.2	154.2	151.6
73.5°	152.9	150.4	148.1	145.3
74°	147.2	144.7	142.2	139.2
74.5°	141.8	139.0	136.3	133.2
75°	136.3	133.3	130.4	127.1
75.5°	130.9	127.5	124.5	121.1
76°	125.4	121.8	118.6	115.3
76.5°	119.9	116.1	112.9	109.2
77°	114.7	110.7	107.2	103.5
77.5°	109.2	105.1	101.7	98.4
78°	103.9	99.7	96.0	92.3
78.5°	98.8	94.4	90.7	86.5
79°	93.6	89.1	85.0	81.6
79.5°	88.5	83.6	79.6	76.1
80°	83.6	78.7	74.4	70.7
80.5°	78.7	73.6	69.2	65.6
81°	74.0	68.7	64.1	60.5
81.5°	69.4	64.0	59.3	56.0
82°	64.8	59.2	54.4	51.5
82.5°	60.3	54.7	50.0	47.0
83°	56.0	50.3	45.4	42.5
83.5°	51.9	45.9	40.9	38.0
84°	48.0	41.9	36.9	33.9
84.5°	44.0	37.9	32.8	29.8
85°	40.4	34.0	28.9	26.0
85.5°	36.8	30.5	25.4	22.4
86°	33.3	27.1	21.9	18.9
86.5°	30.0	23.7	19.0	15.7
87°	27.0	20.7	16.2	12.7
87.5°	24.0	18.3	13.4	9.9
88°	21.2	15.8	10.6	7.2
88.5°	18.6	13.4	7.7	5.8



TEST NUMBER: P563522

CATALOG NUMBER: 2NWS23C3-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
90°	12.5	6.8	2.8	1.6
90.5°	10.4	5.3	1.8	0.2
91°	8.4	4.1	1.2	0.2
91.5°	7.1	3.2	0.9	0.2
92°	5.8	2.5	0.7	0.2
92.5°	4.8	2.0	0.6	0.1
93°	4.1	1.7	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°	2.5	1.3	0.4	0.1
95.5°	2.4	1.3	0.4	0.2
96°	2.3	1.2	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°	1.9	1.1	0.4	0.4
100.5°	1.9	1.1	0.4	0.5
101°	1.9	1.0	0.4	0.5
101.5°	1.8	1.0	0.4	0.5
102°	1.8	1.0	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°	1.7	0.9	0.6	0.7
105°	1.7	0.9	0.7	0.8
105.5°	1.7	0.8	0.7	0.8
106°	1.7	0.8	0.7	0.8
106.5°	1.6	0.8	0.7	0.9
107°	1.6	0.9	0.8	0.9
107.5°	1.6	0.8	0.8	0.9
108°	1.5	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°	1.4	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: P563522

CATALOG NUMBER: 2NWS23C3-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
112.5°	1.3	1.0	1.1	1.4
113°	1.2	1.1	1.1	1.4
113.5°	1.2	1.1	1.2	1.4
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	1.5
115.5°	0.9	1.2	1.3	1.5
116°	0.9	1.2	1.3	1.5
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°	1.0	1.2	1.3	1.4
119°	1.1	1.2	1.3	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	1.4
121°	1.2	1.3	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	1.5	1.5
123°	1.3	1.4	1.6	1.5
123.5°	1.3	1.5	1.6	1.5
124°	1.3	1.5	1.6	1.5
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	1.6	1.6
126.5°	1.5	1.6	1.6	1.6
127°	1.5	1.6	1.7	1.6
127.5°	1.5	1.7	1.7	1.6
128°	1.6	1.7	1.7	1.6
128.5°	1.6	1.7	1.7	1.6
129°	1.6	1.7	1.7	1.6
129.5°	1.6	1.7	1.7	1.6
130°	1.6	1.7	1.7	1.6
130.5°	1.6	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	1.7	1.7	1.7
132.5°	1.7	1.7	1.8	1.7
133°	1.7	1.8	1.8	1.7
133.5°	1.7	1.8	1.8	1.7



TEST NUMBER: P563522

CATALOG NUMBER: 2NWS23C3-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
135°	1.8	1.8	1.8	1.8
135.5°	1.8	1.8	1.8	1.8
136°	1.8	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	1.8	1.8
139°	1.9	2.1	1.9	1.8
139.5°	1.9	2.1	1.9	1.8
140°	1.9	2.1	1.9	1.8
140.5°	1.9	2.1	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	2.2	1.9	1.9
142.5°	1.9	2.3	1.9	1.9
143°	1.9	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	2.3	1.9	1.9
145°	2.1	2.4	1.9	1.9
145.5°	2.1	2.4	1.9	1.9
146°	2.1	2.4	1.9	1.9
146.5°	2.2	2.4	1.9	1.9
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	1.9
148.5°	2.2	2.4	1.9	1.9
149°	2.3	2.4	1.9	1.9
149.5°	2.3	2.4	1.9	1.8
150°	2.3	2.4	1.9	1.8
150.5°	2.3	2.4	1.9	1.8
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	1.8
154°	2.4	2.4	1.9	1.8
154.5°	2.4	2.4	1.9	1.9
155°	2.4	2.3	1.8	1.9
155.5°	2.4	2.3	1.8	1.9
156°	2.4	2.3	1.8	1.9



TEST NUMBER: P563522

CATALOG NUMBER: 2NWS23C3-NUV-MED-3500K

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°	2.3	2.2	1.8	1.7
163.5°	2.3	2.2	1.8	1.7
164°	2.3	2.2	1.8	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	2.1	1.8	1.6
166°	2.2	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	1.9	1.7	1.3
168.5°	2.1	1.9	1.6	1.3
169°	1.9	1.7	1.4	1.3
169.5°	1.9	1.4	1.4	1.3
170°	1.9	1.4	1.3	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°	1.6	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	1.3	1.3	1.3
174.5°	1.4	1.3	1.3	1.3
175°	1.4	1.3	1.3	1.3
175.5°	1.4	1.3	1.3	1.3
176°	1.3	1.3	1.3	1.3
176.5°	1.3	1.3	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	1.3
178.5°	1.3	1.4	1.5	1.7



TEST NUMBER: P563522

CATALOG NUMBER: 2NWS23C3-NUV-MED-3500K

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°	797.2	798.3	787.8	801.5	793.1	791.5	789.5	789.3	786.6	784.3	782.3
22°	793.4	784.7	785.5	797.0	789.2	787.1	785.2	782.8	781.8	779.3	778.8



44°	542.7	542.3	537.7	544.8	534.2	528.7	521.8	515.9	509.9	506.5	504.8
44.5°	536.8	535.3	529.5	537.9	527.3	521.2	514.5	508.7	503.0	499.2	497.9



66.5°	234.6	234.2	231.5	236.4	229.9	226.4	221.7	218.4	214.9	212.7	212.3
67°	228.0	227.7	225.2	228.8	223.8	220.3	216.1	213.0	209.2	207.2	206.5



89°	4.4	4.9	8.4	13.9	19.3	24.2	28.1	31.0	32.5	32.9	32.1
89.5°	3.0	3.7	6.7	12.0	17.2	22.1	26.0	28.8	30.3	30.7	29.9



111.5°	1.3	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	1.6



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



156.5°	1.9	1.7	2.1	2.2	2.1	1.9	1.8	1.8	1.9	2.0	1.9
157°	1.9	1.7	2.1	2.2	2.2	2.0	1.8	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	1.1
179.5°	1.9	1.9	1.9	1.8	1.6	1.4	1.2	1.1	1.0	1.0	1.0





21.5°	781.2	777.5	782.8	779.9	780.3	780.2	779.5	781.0	786.9	776.8	788.0
22°	779.3	778.1	777.1	776.4	776.4	774.8	777.0	776.2	775.8	770.0	786.5



44°	507.4	510.7	514.1	518.8	518.8	518.5	519.2	519.7	521.7	517.1	527.9
44.5°	500.2	504.8	509.1	510.8	512.6	512.0	512.5	513.1	513.5	510.5	520.4



66.5°	213.6	215.8	218.2	219.3	219.9	218.8	218.2	219.0	219.6	220.0	225.4
67°	208.0	210.0	212.4	213.2	213.5	212.6	211.8	212.8	213.2	213.9	219.4



89°	30.4	27.5	23.5	18.4	12.8	7.4	3.8	1.4	3.5	7.6	13.7
89.5°	28.4	25.5	21.4	16.5	11.1	6.0	2.7	0.2	2.4	6.1	11.5



111.5°	1.6	1.4	1.3	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	2.1	1.8	1.9	1.7	1.7	1.7	2.1
134.5°	1.9	2.0	2.1	2.8	2.1	1.8	2.0	1.7	1.7	1.8	2.1



156.5°	1.9	1.8	1.9	2.1	2.2	2.2	2.0	1.9	1.8	2.2	2.3
157°	1.8	1.8	1.9	2.1	2.2	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	1.3	1.5	1.9	1.8	1.9	1.8	1.9	1.9	1.9	1.9





21.5°	784.0	783.7	785.6	787.7	787.6	788.5	789.3	790.2	794.3	797.0	795.7
22°	779.1	780.0	781.5	786.2	784.6	788.8	785.6	786.6	790.4	792.7	793.3



44°	521.0	519.4	516.9	516.4	513.1	513.9	515.8	521.5	528.8	535.6	539.7
44.5°	514.5	512.8	510.1	508.5	504.5	505.7	509.1	515.0	522.3	528.7	533.3



66.5°	223.7	223.2	222.1	221.0	220.5	220.8	222.6	226.0	230.3	233.9	237.1
67°	217.9	217.1	216.2	216.1	214.8	215.6	217.0	220.1	224.4	228.0	230.9



89°	18.7	23.8	28.2	31.5	33.5	34.4	34.3	33.0	30.5	26.8	21.8
89.5°	16.9	21.6	25.8	29.0	31.1	32.0	31.8	30.5	28.1	24.3	19.4



111.5°	2.3	2.9	3.4	3.8	4.1	4.2	4.1	3.8	3.4	2.9	2.2
112°	2.2	2.9	3.4	3.8	4.1	4.1	4.1	3.8	3.4	2.8	2.1



134°	2.0	1.7	1.6	1.5	1.4	1.4	1.4	1.4	1.5	1.7	1.7
134.5°	2.1	1.8	1.6	1.5	1.4	1.4	1.4	1.4	1.5	1.7	1.8



156.5°	2.2	2.1	2.0	2.1	2.2	2.2	2.2	2.2	2.1	2.2	2.2
157°	2.3	2.1	2.0	2.1	2.2	2.2	2.2	2.1	2.1	2.2	2.3



179°	1.8	1.8	1.5	1.3	1.2	1.1	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°	798.5	797.2	800.0	797.2
22°	794.2	794.3	794.4	793.4



44°	543.4	543.9	543.7	542.7
44.5°	536.8	537.7	537.6	536.8



66.5°	238.1	238.0	236.9	234.6
67°	231.8	231.3	230.4	228.0



89°	16.6	10.9	5.7	4.4
89.5°	14.5	8.5	4.1	3.0



111.5°	1.3	1.0	1.0	1.3
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	1.8	1.9
157°	2.4	2.3	1.8	1.9



179°	1.4	1.6	1.7	1.9
179.5°	1.6	1.8	1.9	1.9



(END OF REPORT)