

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: P563539

Luminaire Tested: **4NWS3C3-NUV-MED-4000K**

Issue Date: 7/18/2022



Test Information

Test Method: LM-79-08
Report Number: P563539
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (s22030032e-01)
Test Lab: INNOVATION CENTER
Issue Date: 7/18/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 4NWS3C3-NUV-MED-4000K
Description: 4 FOOT NWS SELETABLE WRAP AT 3500K AND MED LUMEN SETTING
Light Source: -
Ballast/Driver:

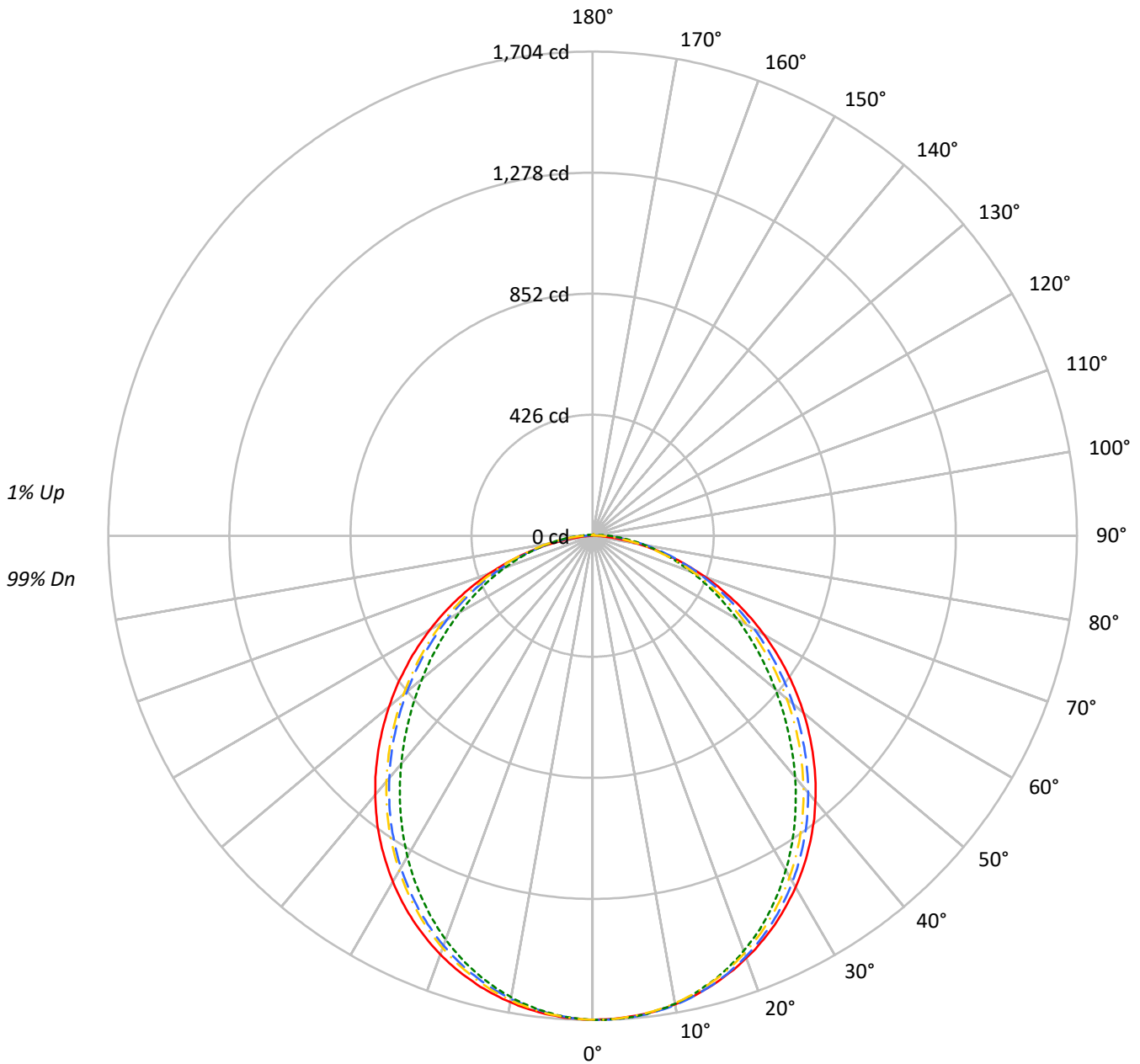
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4441.0 lumens
Efficiency: N/A
Efficacy: 130.6 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.17 / 1.3
Luminous Opening: Rectangular w/ Sides (W: 0.44' x L: 4' x H: 0.08')
CIE Type: Direct

Input Watts (W): 34
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	89	87	85	83																			
2	99	91	84	79	96	89	83	78	85	80	76	82	78	74	79	75	72	70																			
3	91	80	72	66	88	79	71	65	75	69	64	73	67	63	70	65	61	59																			
4	83	71	63	56	81	70	62	56	67	60	55	65	59	54	63	57	53	51																			
5	77	64	55	48	74	63	54	48	60	53	48	58	52	47	56	51	46	44																			
6	71	58	49	42	69	57	48	42	55	47	42	53	46	41	51	46	41	39																			
7	66	52	44	38	64	52	43	37	50	43	37	48	42	37	47	41	36	35																			
8	61	48	39	34	60	47	39	34	46	38	33	44	38	33	43	37	33	31																			
9	57	44	36	30	56	43	36	30	42	35	30	41	35	30	40	34	30	28																			
10	54	41	33	28	52	40	33	28	39	32	27	38	32	27	37	31	27	25																			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	10353	10353	10353	10353
5°	10328	10198	10311	10123
10°	10296	9993	10252	9856
15°	10238	9731	10169	9531
20°	10154	9412	10064	9157
25°	10049	9041	9923	8725
30°	9906	8609	9749	8252
35°	9726	8124	9538	7731
40°	9503	7598	9281	7183
45°	9245	7044	8980	6616
50°	8940	6482	8626	6054
55°	8582	5943	8217	5502
60°	8175	5406	7745	4962
65°	7681	4859	7176	4413
70°	7057	4313	6450	3845
75°	6227	3743	5469	3237
80°	5033	3130	4093	2599
85°	3219	2501	2069	1986



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	160.8	3.6
10°-20°	456.3	10.3
20°-30°	677.6	15.3
30°-40°	789.9	17.8
40°-50°	782.0	17.6
50°-60°	671.6	15.1
60°-70°	491.5	11.1
70°-80°	279.0	6.3
80°-90°	92.9	2.1
90°-100°	16.8	0.4
100°-110°	7.1	0.2
110°-120°	4.2	0.1
120°-130°	3.0	0.1
130°-140°	2.7	0.1
140°-150°	2.5	0.1
150°-160°	1.7	0.0
160°-170°	1.0	0.0
170°-180°	0.3	0.0
0°-30°	1294.7	29.2
0°-40°	2084.6	46.9
0°-60°	3538.2	79.7
0°-90°	4401.6	99.1
90°-120°	28.2	0.6
90°-150°	36.4	0.8
90°-180°	39.0	0.9
0°-180°	4441.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1703	1703	1703	1703	1703	
5°	1696	1699	1693	1686	1696	161
15°	1636	1624	1625	1591	1636	462
25°	1513	1466	1494	1415	1513	697
35°	1330	1238	1304	1179	1330	831
45°	1098	973	1066	914	1098	846
55°	834	711	798	658	834	745
65°	558	474	521	430	558	552
75°	286	271	251	234	286	303
85°	57	113	37	90	57	68
90°	3	60	1	46	3	3
95°	0	29	1	24	0	0
105°	2	11	2	14	2	2
115°	2	5	3	9	2	2
125°	2	3	3	5	2	2
135°	3	3	4	3	3	2
145°	3	4	4	4	3	2
155°	2	4	3	4	2	1
165°	2	4	3	5	2	1
175°	3	3	3	3	3	0
180°	3	3	3	3	3	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
0°	1703.3	1703.3	1703.3	1703.3	1703.3	1703.3	1703.3	1703.3	1703.3	1703.3	1703.3
0.5°	1702.9	1703.0	1703.1	1703.3	1703.4	1703.6	1703.7	1703.7	1703.7	1703.8	1703.7
1°	1702.7	1702.9	1703.2	1703.5	1703.8	1703.9	1703.9	1703.9	1703.3	1702.8	1703.2
1.5°	1702.8	1703.4	1703.5	1702.9	1702.7	1702.9	1703.5	1703.9	1703.4	1704.1	1704.3
2°	1702.5	1702.9	1703.0	1702.9	1703.3	1703.8	1704.2	1704.2	1703.3	1703.4	1703.7
2.5°	1701.8	1702.3	1702.3	1702.4	1702.5	1702.0	1702.2	1702.0	1703.8	1702.7	1702.0
3°	1700.6	1701.0	1701.7	1702.1	1702.5	1702.6	1703.0	1703.2	1702.7	1702.5	1702.5
3.5°	1699.5	1700.3	1701.0	1702.3	1701.8	1702.2	1702.2	1701.8	1702.3	1701.1	1700.6
4°	1698.8	1700.3	1699.8	1701.4	1701.0	1701.3	1701.2	1700.9	1700.0	1701.8	1700.3
4.5°	1696.9	1698.3	1698.8	1699.8	1700.7	1700.5	1699.8	1700.6	1700.0	1700.1	1698.5
5°	1695.8	1697.2	1697.7	1698.3	1699.3	1699.3	1697.7	1698.3	1698.8	1698.7	1697.3
5.5°	1694.7	1696.0	1696.7	1697.0	1697.5	1697.0	1696.5	1696.5	1697.2	1696.8	1695.2
6°	1693.4	1694.5	1694.8	1695.7	1696.5	1695.7	1695.3	1694.8	1695.0	1694.5	1692.8
6.5°	1691.6	1693.0	1693.3	1693.8	1694.8	1694.0	1694.2	1693.0	1693.0	1692.9	1691.0
7°	1689.9	1690.7	1692.1	1691.7	1691.8	1690.8	1692.2	1690.7	1690.5	1690.3	1689.0
7.5°	1687.5	1688.4	1689.6	1690.6	1690.4	1689.6	1689.1	1688.5	1687.8	1686.5	1686.6
8°	1685.8	1685.8	1687.7	1688.0	1687.9	1687.2	1686.6	1686.1	1685.5	1684.6	1684.1
8.5°	1682.6	1683.0	1685.5	1685.1	1685.5	1685.0	1684.0	1683.3	1682.2	1681.6	1680.3
9°	1680.8	1682.3	1682.5	1683.1	1683.2	1682.5	1680.7	1680.4	1679.1	1679.6	1677.2
9.5°	1677.7	1679.2	1680.4	1680.0	1680.4	1678.9	1676.9	1676.9	1676.1	1674.4	1673.8
10°	1674.3	1676.3	1677.2	1677.3	1677.0	1675.9	1674.0	1672.8	1672.3	1672.6	1670.9
10.5°	1671.2	1672.8	1674.4	1674.5	1673.8	1672.5	1670.3	1669.1	1668.4	1668.2	1666.8
11°	1667.7	1668.9	1670.8	1670.9	1670.3	1669.5	1666.1	1665.7	1665.3	1664.2	1662.9
11.5°	1664.1	1666.4	1667.2	1667.6	1666.2	1665.7	1662.4	1662.0	1660.9	1660.1	1658.6
12°	1660.7	1662.7	1664.2	1664.3	1662.7	1661.4	1659.0	1657.7	1655.3	1655.8	1653.4
12.5°	1657.4	1659.0	1660.5	1660.6	1658.3	1657.5	1654.9	1653.2	1651.2	1650.7	1649.4
13°	1653.4	1655.6	1656.8	1656.2	1653.7	1653.4	1650.2	1648.7	1646.9	1645.1	1644.5
13.5°	1649.1	1651.7	1652.8	1652.4	1649.8	1648.9	1644.6	1643.4	1641.8	1639.8	1638.3
14°	1644.9	1647.4	1648.4	1648.6	1645.3	1643.4	1640.4	1638.3	1636.5	1634.3	1633.6
14.5°	1640.8	1643.1	1644.1	1644.1	1640.2	1638.9	1636.0	1632.9	1630.2	1629.6	1627.4
15°	1636.0	1638.8	1639.5	1639.0	1636.1	1634.1	1630.3	1627.5	1625.0	1624.1	1622.7
15.5°	1631.7	1634.3	1634.4	1633.6	1631.5	1629.1	1624.1	1622.3	1619.1	1618.3	1616.2
16°	1626.4	1629.7	1630.1	1628.9	1625.9	1623.2	1618.8	1616.2	1613.6	1611.6	1609.7
16.5°	1620.6	1624.6	1625.4	1624.2	1620.5	1617.5	1612.8	1609.7	1607.1	1604.6	1604.0
17°	1615.2	1619.7	1619.7	1619.0	1615.6	1611.9	1607.0	1603.2	1600.2	1598.9	1598.1
17.5°	1610.7	1614.0	1614.4	1613.2	1609.9	1605.6	1599.8	1596.8	1593.1	1592.4	1590.5
18°	1605.7	1608.3	1609.1	1607.5	1603.6	1599.6	1594.0	1590.1	1586.5	1584.6	1583.8
18.5°	1599.5	1603.5	1603.9	1602.1	1597.8	1593.4	1587.2	1583.0	1580.0	1577.5	1576.5
19°	1593.5	1598.0	1598.4	1595.8	1591.8	1586.7	1581.0	1575.9	1572.3	1570.0	1569.6
19.5°	1587.5	1591.5	1591.8	1589.7	1585.1	1579.6	1573.5	1568.9	1564.4	1563.4	1560.7
20°	1581.6	1585.3	1585.2	1583.3	1578.6	1572.7	1565.8	1561.1	1557.1	1554.3	1553.6
20.5°	1575.5	1579.4	1579.2	1576.8	1572.1	1566.0	1558.5	1553.2	1549.5	1546.6	1545.3
21°	1569.5	1573.2	1572.8	1570.1	1564.6	1558.6	1551.4	1545.3	1541.7	1538.1	1537.4



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
22.5°	1548.6	1552.6	1552.9	1549.1	1543.3	1536.0	1527.6	1520.9	1515.9	1513.1	1511.3
23°	1542.5	1545.8	1545.4	1541.8	1535.9	1528.3	1519.5	1512.3	1507.0	1505.1	1502.9
23.5°	1534.7	1538.8	1538.3	1534.4	1528.2	1519.9	1511.3	1503.3	1497.8	1495.1	1493.6
24°	1527.3	1531.6	1531.3	1526.7	1520.1	1511.8	1502.0	1494.3	1488.6	1485.8	1484.6
24.5°	1520.3	1524.0	1523.4	1519.2	1511.7	1503.2	1494.3	1485.7	1479.3	1476.2	1474.6
25°	1512.8	1516.8	1515.6	1511.3	1503.9	1494.5	1485.2	1476.4	1469.7	1465.9	1465.2
25.5°	1504.7	1508.7	1507.9	1503.1	1496.2	1485.8	1475.7	1466.8	1460.3	1456.6	1455.0
26°	1496.8	1500.2	1499.8	1494.3	1487.6	1476.6	1466.1	1456.7	1449.7	1445.6	1445.4
26.5°	1488.5	1492.5	1490.7	1486.6	1478.1	1467.5	1456.3	1447.0	1439.9	1436.2	1434.7
27°	1480.3	1484.9	1482.6	1477.5	1469.1	1458.4	1446.9	1437.1	1429.7	1425.0	1425.0
27.5°	1472.1	1476.4	1474.8	1468.5	1460.1	1448.6	1438.0	1426.8	1418.5	1415.3	1414.2
28°	1463.2	1467.9	1466.4	1460.0	1451.0	1439.1	1426.7	1416.8	1408.4	1404.3	1403.0
28.5°	1454.6	1459.1	1457.6	1451.4	1442.2	1429.8	1416.9	1406.4	1397.0	1392.3	1391.8
29°	1446.6	1450.5	1448.8	1442.1	1432.1	1419.6	1406.9	1395.5	1387.3	1382.4	1381.2
29.5°	1437.7	1441.9	1439.5	1433.2	1422.5	1409.7	1397.0	1384.7	1374.9	1371.0	1370.9
30°	1428.2	1432.0	1430.3	1423.1	1412.8	1399.3	1385.7	1373.8	1364.2	1359.3	1359.6
30.5°	1419.3	1422.9	1421.0	1414.2	1402.9	1388.6	1375.1	1362.7	1351.8	1348.1	1347.3
31°	1410.2	1414.2	1411.3	1404.7	1393.4	1378.7	1363.8	1351.2	1341.5	1336.7	1335.4
31.5°	1400.6	1404.8	1402.0	1394.3	1383.3	1368.4	1352.8	1339.5	1329.8	1324.5	1323.3
32°	1390.3	1394.4	1392.0	1383.9	1372.4	1357.1	1341.9	1328.4	1317.9	1312.3	1311.9
32.5°	1380.5	1384.5	1382.1	1373.5	1361.8	1346.1	1330.8	1317.0	1306.9	1300.3	1300.1
33°	1371.0	1375.0	1371.9	1364.1	1351.2	1335.6	1319.6	1305.0	1294.6	1288.5	1288.2
33.5°	1360.8	1364.7	1361.9	1353.9	1340.9	1324.5	1308.1	1293.5	1282.0	1276.0	1275.6
34°	1350.3	1354.9	1351.6	1342.9	1330.2	1312.8	1295.9	1281.1	1269.8	1263.4	1263.3
34.5°	1339.6	1344.4	1341.2	1332.4	1319.3	1301.5	1284.0	1268.2	1257.1	1251.3	1250.6
35°	1329.7	1334.1	1331.1	1321.9	1307.8	1290.1	1272.5	1256.2	1244.1	1238.5	1238.4
35.5°	1319.4	1323.4	1320.9	1311.2	1296.4	1278.2	1260.3	1244.0	1231.6	1226.0	1225.7
36°	1308.7	1313.3	1309.3	1300.3	1285.5	1266.6	1248.3	1231.6	1218.8	1213.4	1212.8
36.5°	1297.6	1301.9	1298.5	1288.6	1274.4	1255.1	1236.2	1218.8	1206.2	1199.8	1200.4
37°	1286.9	1290.7	1287.5	1277.7	1262.7	1243.4	1224.1	1206.7	1192.7	1187.0	1187.4
37.5°	1276.5	1279.6	1276.3	1266.6	1250.9	1231.3	1211.4	1193.8	1180.3	1174.0	1174.2
38°	1266.0	1268.5	1265.6	1254.7	1239.2	1219.0	1198.8	1180.9	1167.6	1160.7	1160.5
38.5°	1254.2	1257.4	1253.3	1243.2	1227.1	1206.8	1186.2	1167.8	1154.6	1148.3	1147.8
39°	1242.0	1246.1	1242.2	1231.5	1215.2	1194.7	1173.8	1155.0	1141.8	1134.6	1134.1
39.5°	1230.1	1235.0	1230.7	1219.9	1202.9	1181.8	1161.2	1142.0	1127.9	1121.7	1121.6
40°	1218.5	1223.1	1219.3	1207.4	1190.9	1169.1	1147.8	1129.1	1114.7	1108.2	1108.2
40.5°	1207.5	1211.2	1207.6	1195.9	1178.5	1156.8	1134.9	1115.7	1101.1	1094.7	1094.2
41°	1195.8	1199.3	1195.6	1183.7	1166.2	1143.9	1122.1	1102.7	1088.0	1081.5	1080.7
41.5°	1183.6	1187.2	1183.1	1171.9	1153.8	1131.3	1108.7	1089.1	1073.8	1067.6	1067.5
42°	1172.0	1175.9	1171.4	1159.1	1141.7	1118.9	1096.4	1076.1	1061.2	1054.8	1053.8
42.5°	1160.2	1163.8	1159.2	1147.4	1128.3	1105.8	1083.2	1062.9	1047.8	1040.9	1040.4
43°	1147.9	1151.4	1147.0	1134.2	1115.7	1092.7	1069.9	1049.4	1034.3	1027.7	1027.1
43.5°	1135.1	1139.3	1134.5	1122.3	1103.7	1079.9	1056.5	1036.0	1020.6	1013.8	1013.8



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
45°	1097.8	1101.7	1096.8	1083.9	1065.2	1040.6	1016.9	995.7	980.1	973.1	972.9
45.5°	1085.7	1089.2	1084.1	1070.9	1051.6	1027.4	1003.6	982.2	967.0	959.3	959.4
46°	1072.6	1076.5	1071.6	1058.2	1038.6	1014.1	989.9	968.9	954.0	945.4	946.2
46.5°	1059.2	1063.3	1058.5	1045.2	1025.5	1000.8	976.3	955.4	939.7	932.7	932.9
47°	1046.3	1050.8	1046.3	1032.3	1012.7	987.5	963.0	941.8	926.1	919.3	918.9
47.5°	1033.8	1037.6	1033.1	1020.0	999.9	974.4	950.1	927.9	912.8	905.8	905.4
48°	1021.3	1024.9	1019.9	1007.0	986.9	961.0	936.7	914.9	899.7	891.9	892.6
48.5°	1007.9	1011.3	1006.5	993.6	973.5	947.8	923.6	901.6	885.8	879.0	879.2
49°	995.3	999.3	993.3	979.7	960.1	934.6	910.0	888.4	872.9	865.4	865.3
49.5°	982.0	985.6	981.2	967.1	946.6	921.2	896.9	875.0	859.3	852.1	852.5
50°	968.8	972.8	967.5	954.2	933.1	907.7	883.8	861.6	846.8	838.6	839.0
50.5°	955.2	959.4	954.3	941.2	920.3	894.6	870.3	848.3	832.8	825.7	825.5
51°	942.1	946.1	940.7	927.0	907.1	881.3	857.1	835.5	820.5	812.4	812.0
51.5°	928.7	932.8	927.4	914.2	893.8	868.0	843.5	822.2	806.7	800.3	799.6
52°	915.6	919.7	914.5	900.7	880.3	855.1	830.7	809.5	794.1	786.4	786.6
52.5°	901.8	905.8	900.4	887.3	866.8	841.3	817.4	796.4	781.5	774.0	773.8
53°	888.5	892.6	887.4	873.7	853.3	828.1	804.1	783.4	768.7	760.7	760.4
53.5°	874.9	878.7	873.6	860.4	839.9	815.0	791.2	770.5	754.9	748.5	747.6
54°	861.5	865.1	860.3	847.3	826.7	801.6	778.3	757.5	742.6	735.2	735.4
54.5°	847.7	851.8	846.5	833.6	813.9	788.3	764.7	744.4	729.6	722.6	722.6
55°	833.8	838.3	833.4	820.2	800.0	774.9	751.8	731.6	717.3	711.0	709.5
55.5°	820.6	824.5	819.5	807.0	787.2	762.2	738.9	718.5	704.3	697.9	696.8
56°	806.6	810.7	806.2	793.4	773.8	749.5	726.5	705.9	692.1	685.2	684.7
56.5°	793.1	797.3	792.6	780.0	760.7	736.3	713.3	693.6	679.8	672.9	672.5
57°	779.9	783.4	778.8	766.3	746.9	723.2	700.4	681.0	667.0	660.8	660.0
57.5°	765.7	770.2	764.7	753.2	734.2	710.5	687.8	668.3	655.0	648.4	647.6
58°	751.8	756.0	752.0	739.1	720.0	697.5	675.4	656.3	642.8	635.8	635.9
58.5°	738.4	742.4	737.8	726.1	707.3	684.2	662.4	643.6	630.7	624.0	623.6
59°	724.3	729.1	724.2	712.6	694.2	671.4	649.8	631.2	619.0	612.6	611.5
59.5°	710.7	714.7	710.5	699.3	681.0	658.6	637.5	619.6	607.0	601.1	599.0
60°	696.6	701.0	697.2	685.6	667.6	645.8	624.9	607.7	595.2	589.1	587.2
60.5°	682.9	686.9	683.3	672.4	655.3	633.2	613.2	596.0	583.2	577.1	575.4
61°	669.1	672.9	669.6	659.1	642.3	620.8	597.7	583.8	571.2	565.0	563.7
61.5°	655.4	659.8	655.6	644.9	628.7	607.9	585.1	571.5	559.2	553.0	551.9
62°	641.4	646.0	642.7	632.1	615.2	594.9	573.7	559.4	547.2	540.9	540.1
62.5°	627.6	631.8	629.1	619.1	602.7	582.5	562.3	547.3	535.2	529.2	528.3
63°	613.8	618.2	615.2	605.7	589.7	570.0	550.9	535.3	523.9	518.0	517.1
63.5°	600.1	604.1	601.6	591.8	576.6	557.5	539.5	523.7	512.7	506.9	506.0
64°	586.1	590.1	587.4	579.9	563.5	545.0	527.2	512.4	501.5	495.8	494.7
64.5°	571.9	576.1	573.8	575.5	550.9	532.6	515.7	500.9	490.2	484.5	483.2
65°	557.8	562.2	560.1	559.5	538.9	520.1	504.0	489.5	479.1	473.7	472.3
65.5°	543.7	548.2	546.5	543.6	525.9	507.8	492.1	478.2	468.1	462.5	461.2
66°	529.5	534.2	532.9	527.7	512.9	495.8	480.4	466.9	457.3	451.6	450.6



TEST NUMBER: P563539

CATALOG NUMBER: 4NWS3C3-NUV-MED-4000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
67.5°	488.3	492.7	492.2	486.0	475.0	460.3	446.2	434.3	424.9	419.6	418.2
68°	474.8	479.2	478.6	473.1	462.5	448.4	434.8	423.3	414.5	409.3	407.9
68.5°	460.9	465.5	465.6	459.7	450.0	436.5	423.8	412.3	404.1	399.1	396.8
69°	447.1	451.9	452.2	447.5	437.7	424.7	412.7	401.7	393.1	388.6	386.9
69.5°	433.5	438.7	438.8	434.7	425.8	413.1	401.6	390.9	382.8	378.0	376.4
70°	419.7	424.9	425.6	422.0	413.6	401.8	390.6	380.2	372.6	367.7	366.1
70.5°	406.0	411.2	412.4	409.0	401.8	390.5	379.8	370.0	362.6	357.9	355.8
71°	392.6	397.4	399.3	396.6	389.5	379.1	368.9	359.6	352.6	348.0	346.1
71.5°	379.0	384.3	385.8	383.7	377.6	367.7	358.3	349.5	342.2	337.9	336.2
72°	365.7	370.8	373.1	371.1	365.7	356.5	347.4	339.1	332.3	327.8	326.1
72.5°	352.3	357.3	360.2	358.7	353.6	345.1	337.1	328.8	322.4	318.5	316.3
73°	338.6	344.1	347.5	346.7	342.2	334.0	326.4	318.8	312.7	308.6	306.3
73.5°	324.9	331.0	334.3	334.3	330.5	323.7	316.0	308.8	302.9	299.0	296.8
74°	311.9	317.4	321.6	322.3	318.9	312.6	305.8	298.9	293.5	289.4	287.3
74.5°	298.8	304.7	308.9	309.9	307.5	301.6	295.7	289.2	284.0	280.2	278.3
75°	285.7	291.6	296.3	297.8	296.2	291.0	285.5	279.7	274.6	270.9	268.7
75.5°	272.3	278.9	283.6	285.9	285.0	280.4	275.5	270.0	265.1	261.8	259.5
76°	259.4	265.8	271.3	274.3	273.4	269.7	265.7	260.6	256.1	252.7	250.2
76.5°	246.7	253.3	258.9	262.4	262.6	259.5	255.6	251.1	247.1	243.8	241.3
77°	234.0	240.4	246.8	250.7	251.8	249.4	246.1	241.7	238.0	234.7	232.2
77.5°	221.1	228.0	234.8	239.2	240.9	239.3	236.5	232.7	229.0	226.1	223.5
78°	208.9	215.7	222.6	228.1	230.2	229.4	227.1	223.7	220.5	217.6	215.0
78.5°	196.3	203.6	210.7	216.8	219.6	219.4	217.6	214.8	212.0	209.0	206.5
79°	184.1	191.5	199.3	205.7	209.2	209.5	208.5	206.0	203.4	200.6	198.0
79.5°	172.0	179.3	187.7	194.7	199.0	199.9	199.6	197.4	195.1	192.5	189.8
80°	160.7	167.7	176.2	184.1	188.9	190.5	190.5	188.9	186.9	184.5	181.7
80.5°	148.9	156.3	165.3	173.5	178.9	181.3	181.7	180.6	178.9	176.4	173.8
81°	137.5	145.1	154.4	163.1	169.2	172.2	173.4	172.5	171.0	168.6	166.0
81.5°	126.3	133.9	143.8	152.8	159.7	163.1	165.0	164.7	163.4	161.2	158.4
82°	115.4	123.0	133.1	142.9	150.2	154.5	156.7	156.9	155.8	153.7	151.0
82.5°	104.2	112.5	123.1	133.2	141.0	146.1	148.6	149.2	148.3	146.3	143.5
83°	94.4	102.3	113.0	123.7	132.1	137.8	140.8	141.6	141.1	139.4	136.5
83.5°	84.4	92.4	103.3	114.6	123.6	129.5	133.2	134.4	134.3	132.4	129.6
84°	75.0	82.9	93.9	105.6	115.1	121.7	125.8	127.4	127.2	125.6	122.9
84.5°	65.6	73.6	85.1	96.9	106.9	114.1	118.4	120.5	120.5	119.0	116.4
85°	57.1	64.8	76.4	88.6	99.2	106.7	111.4	113.7	114.1	112.7	110.0
85.5°	49.6	56.8	68.2	80.8	91.6	99.5	104.6	107.2	107.7	106.4	103.8
86°	42.2	49.6	60.3	73.2	84.5	92.8	98.1	100.9	101.5	100.4	97.7
86.5°	34.8	42.4	53.9	66.0	77.5	86.2	91.7	94.9	95.7	94.6	92.0
87°	27.4	35.2	47.6	58.7	70.9	79.7	85.7	89.1	90.0	89.2	86.5
87.5°	21.0	28.0	41.2	53.1	64.5	73.7	79.9	83.4	84.5	83.7	81.1
88°	15.2	22.1	34.9	47.6	58.4	67.9	74.3	77.9	79.3	78.4	75.9
88.5°	10.2	16.9	28.6	42.1	53.5	62.2	68.8	72.7	74.1	73.4	71.0



TEST NUMBER: P563539

CATALOG NUMBER: 4NWS3C3-NUV-MED-4000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
90°	3.2	6.0	15.8	27.6	39.0	48.6	55.5	58.8	60.3	59.6	57.9
90.5°	1.8	4.8	12.7	23.9	34.8	44.2	51.4	55.0	56.7	56.1	54.2
91°	0.3	3.8	10.3	20.4	31.0	40.1	47.2	51.3	53.0	52.5	50.5
91.5°	0.3	2.7	8.3	17.7	27.6	36.3	43.1	47.5	49.4	49.0	46.8
92°	0.2	1.7	6.8	15.2	24.5	32.9	39.4	43.8	45.7	45.5	43.2
92.5°	0.2	1.3	6.0	13.1	21.8	29.9	36.1	40.2	42.1	41.9	40.0
93°	0.2	1.0	5.3	11.3	19.4	27.1	33.1	37.1	39.0	38.9	37.0
93.5°	0.2	0.9	4.6	9.9	17.3	24.5	30.4	34.3	36.1	36.0	34.3
94°	0.3	0.7	3.9	8.8	15.4	22.2	27.9	31.6	33.5	33.5	31.8
94.5°	0.3	0.6	3.5	7.9	13.9	20.2	25.5	29.2	31.0	31.0	29.5
95°	0.4	0.5	3.2	7.2	12.5	18.3	23.4	27.0	28.8	28.8	27.3
95.5°	0.5	0.5	2.8	6.7	11.4	16.7	21.5	24.9	26.6	26.7	25.3
96°	0.5	0.6	2.5	6.3	10.6	15.4	19.8	23.0	24.7	24.8	23.5
96.5°	0.6	0.7	2.3	5.8	9.8	14.2	18.3	21.4	23.0	23.2	21.9
97°	0.6	0.7	2.1	5.4	9.3	13.2	17.0	19.9	21.5	21.6	20.5
97.5°	0.7	0.7	1.9	5.0	8.8	12.4	15.9	18.6	20.1	20.3	19.2
98°	0.7	0.8	1.7	4.7	8.3	11.7	14.9	17.4	18.8	19.0	18.1
98.5°	0.8	0.8	1.6	4.4	7.8	11.2	14.1	16.4	17.7	18.0	17.1
99°	0.9	0.8	1.4	4.1	7.4	10.7	13.4	15.6	16.8	17.0	16.3
99.5°	1.0	0.9	1.3	3.8	7.0	10.2	12.8	14.8	16.0	16.3	15.6
100°	1.1	1.0	1.3	3.5	6.6	9.7	12.3	14.3	15.3	15.6	14.9
100.5°	1.2	1.1	1.3	3.3	6.3	9.2	11.8	13.7	14.8	15.0	14.4
101°	1.3	1.1	1.2	3.1	5.9	8.8	11.3	13.2	14.2	14.4	13.9
101.5°	1.4	1.2	1.2	2.8	5.6	8.4	10.8	12.7	13.7	14.0	13.4
102°	1.5	1.3	1.3	2.6	5.3	8.0	10.4	12.2	13.2	13.5	12.9
102.5°	1.6	1.3	1.3	2.4	5.0	7.6	9.9	11.7	12.7	13.0	12.5
103°	1.7	1.4	1.2	2.3	4.7	7.2	9.5	11.2	12.2	12.5	12.0
103.5°	1.7	1.4	1.2	2.1	4.3	6.9	9.1	10.8	11.8	12.0	11.6
104°	1.7	1.5	1.2	2.0	4.1	6.5	8.7	10.3	11.3	11.6	11.1
104.5°	1.8	1.6	1.1	1.9	3.8	6.2	8.3	9.9	10.9	11.1	10.7
105°	1.8	1.7	1.1	1.8	3.6	5.9	7.9	9.5	10.5	10.7	10.3
105.5°	1.8	2.0	1.2	1.7	3.3	5.6	7.6	9.1	10.1	10.3	9.9
106°	1.8	1.9	1.2	1.6	3.1	5.2	7.2	8.7	9.7	10.0	9.5
106.5°	1.8	1.8	1.2	1.6	3.0	5.0	6.9	8.3	9.3	9.6	9.2
107°	1.8	1.7	1.2	1.5	2.8	4.7	6.6	8.0	9.0	9.2	8.8
107.5°	1.8	1.7	1.3	1.5	2.6	4.4	6.3	7.6	8.6	8.9	8.5
108°	1.8	1.7	1.3	1.5	2.5	4.2	5.9	7.3	8.3	8.5	8.2
108.5°	1.8	1.8	1.3	1.4	2.3	4.0	5.6	7.0	7.9	8.2	7.9
109°	1.8	1.8	1.3	1.4	2.2	3.7	5.3	6.7	7.6	7.9	7.5
109.5°	1.8	1.9	1.4	1.3	2.1	3.5	5.0	6.4	7.3	7.6	7.3
110°	1.8	1.9	1.4	1.3	2.0	3.4	4.8	6.1	7.0	7.3	7.0
110.5°	1.8	1.9	1.4	1.3	1.9	3.2	4.5	5.8	6.7	7.0	6.7
111°	1.8	1.9	1.5	1.3	1.9	3.0	4.3	5.6	6.4	6.7	6.4



TEST NUMBER: P563539

CATALOG NUMBER: 4NWS3C3-NUV-MED-4000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
112.5°	1.9	1.8	1.6	1.4	1.8	2.5	3.7	4.8	5.6	5.8	5.6
113°	1.9	1.8	1.7	1.5	1.7	2.4	3.5	4.6	5.3	5.6	5.4
113.5°	1.9	1.8	1.7	1.5	1.7	2.3	3.3	4.3	5.1	5.3	5.1
114°	1.9	1.9	1.8	1.5	1.6	2.3	3.1	4.1	4.9	5.1	4.9
114.5°	2.0	1.9	1.8	1.5	1.6	2.2	3.0	3.9	4.6	4.9	4.7
115°	2.0	1.9	1.8	1.6	1.6	2.1	2.8	3.7	4.4	4.7	4.5
115.5°	2.0	1.9	1.9	1.6	1.6	2.1	2.7	3.6	4.2	4.5	4.3
116°	2.0	2.0	2.0	1.6	1.6	2.1	2.6	3.4	4.0	4.3	4.2
116.5°	2.0	2.0	2.1	1.7	1.6	2.0	2.6	3.3	3.8	4.1	4.0
117°	2.0	2.1	2.2	1.7	1.6	2.0	2.5	3.1	3.7	3.9	3.8
117.5°	2.0	2.1	2.3	1.7	1.6	1.9	2.4	3.0	3.5	3.8	3.7
118°	2.0	2.2	2.4	1.8	1.7	1.9	2.4	2.9	3.4	3.6	3.6
118.5°	2.0	2.2	2.5	1.8	1.7	1.8	2.3	2.8	3.3	3.5	3.5
119°	2.1	2.2	2.4	1.8	1.7	1.8	2.3	2.7	3.2	3.4	3.4
119.5°	2.1	2.2	2.4	1.9	1.7	1.8	2.2	2.7	3.1	3.3	3.3
120°	2.1	2.3	2.3	1.9	1.8	1.8	2.2	2.6	3.0	3.2	3.2
120.5°	2.1	2.3	2.3	1.9	1.8	1.8	2.1	2.5	2.9	3.1	3.1
121°	2.1	2.3	2.3	2.0	1.8	1.8	2.0	2.4	2.8	3.0	3.1
121.5°	2.2	2.3	2.3	2.0	1.9	1.8	1.9	2.4	2.7	3.0	3.0
122°	2.2	2.3	2.4	2.1	1.9	1.9	1.9	2.3	2.7	2.9	2.9
122.5°	2.2	2.4	2.4	2.1	1.9	1.9	1.9	2.3	2.6	2.8	2.9
123°	2.2	2.4	2.5	2.2	2.0	1.9	1.9	2.2	2.6	2.8	2.8
123.5°	2.3	2.4	2.5	2.2	2.0	2.0	1.9	2.1	2.5	2.8	2.8
124°	2.3	2.4	2.5	2.3	2.1	2.0	1.9	2.0	2.5	2.7	2.7
124.5°	2.3	2.4	2.5	2.3	2.1	2.0	1.9	2.0	2.4	2.6	2.6
125°	2.3	2.5	2.5	2.4	2.1	2.1	2.0	2.0	2.3	2.6	2.6
125.5°	2.3	2.5	2.6	2.5	2.2	2.1	2.0	2.0	2.3	2.5	2.6
126°	2.4	2.5	2.6	2.5	2.2	2.1	2.0	2.1	2.3	2.5	2.6
126.5°	2.4	2.5	2.6	2.6	2.2	2.1	2.1	2.1	2.3	2.5	2.6
127°	2.4	2.5	2.6	2.7	2.3	2.2	2.1	2.2	2.3	2.5	2.6
127.5°	2.4	2.5	2.5	2.8	2.3	2.2	2.2	2.2	2.4	2.5	2.6
128°	2.5	2.5	2.5	2.9	2.4	2.2	2.2	2.3	2.4	2.6	2.7
128.5°	2.5	2.5	2.5	2.9	2.4	2.3	2.2	2.3	2.5	2.6	2.7
129°	2.5	2.5	2.5	3.0	2.5	2.3	2.3	2.4	2.5	2.7	2.8
129.5°	2.5	2.5	2.5	3.0	2.5	2.4	2.3	2.4	2.6	2.7	2.8
130°	2.5	2.5	2.5	2.9	2.6	2.4	2.4	2.5	2.6	2.7	2.8
130.5°	2.5	2.5	2.5	2.9	2.6	2.5	2.4	2.5	2.6	2.8	2.9
131°	2.5	2.5	2.5	3.0	2.7	2.5	2.5	2.6	2.7	2.8	2.9
131.5°	2.6	2.6	2.5	3.0	2.7	2.6	2.5	2.6	2.7	2.9	3.0
132°	2.6	2.6	2.5	3.0	2.8	2.6	2.6	2.7	2.8	2.9	3.0
132.5°	2.6	2.6	2.6	3.1	2.9	2.7	2.7	2.7	2.8	2.9	3.1
133°	2.6	2.6	2.6	3.1	3.0	2.8	2.7	2.8	2.9	3.0	3.1
133.5°	2.6	2.7	2.6	3.2	3.1	2.8	2.8	2.8	2.9	3.0	3.2



TEST NUMBER: P563539

CATALOG NUMBER: 4NWS3C3-NUV-MED-4000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
135°	2.7	2.7	2.7	3.3	3.4	3.0	3.0	3.0	3.1	3.2	3.3
135.5°	2.6	2.7	2.8	3.3	3.5	3.1	3.0	3.1	3.1	3.2	3.4
136°	2.6	2.7	2.8	3.2	3.5	3.2	3.1	3.1	3.2	3.3	3.4
136.5°	2.6	2.7	2.8	3.2	3.5	3.2	3.2	3.2	3.2	3.3	3.4
137°	2.6	2.7	2.8	3.2	3.5	3.3	3.2	3.2	3.3	3.4	3.5
137.5°	2.6	2.8	2.9	3.1	3.5	3.4	3.3	3.3	3.3	3.4	3.6
138°	2.6	2.9	2.9	3.1	3.5	3.5	3.3	3.3	3.4	3.4	3.6
138.5°	2.6	2.9	2.9	3.1	3.5	3.7	3.4	3.4	3.4	3.5	3.7
139°	2.7	2.9	2.9	3.0	3.6	3.8	3.4	3.4	3.4	3.5	3.7
139.5°	2.7	3.0	3.0	3.0	3.6	3.9	3.5	3.5	3.5	3.6	3.8
140°	2.7	3.0	3.0	3.0	3.6	3.9	3.5	3.5	3.5	3.6	3.9
140.5°	2.7	3.0	3.0	3.0	3.7	3.9	3.6	3.6	3.6	3.7	3.9
141°	2.7	3.0	3.0	3.0	3.7	3.9	3.7	3.6	3.6	3.8	4.0
141.5°	2.7	3.0	3.0	3.0	3.7	4.0	3.8	3.7	3.7	3.8	4.0
142°	2.7	3.1	3.0	3.0	3.7	4.0	3.9	3.7	3.7	3.9	4.1
142.5°	2.7	3.1	3.1	3.0	3.6	4.0	4.1	3.8	3.8	3.9	4.2
143°	2.7	3.1	3.1	3.0	3.6	4.0	4.2	3.8	3.9	4.0	4.3
143.5°	2.7	3.1	3.1	2.9	3.6	4.0	4.2	3.9	3.9	4.1	4.3
144°	2.7	3.1	3.1	2.9	3.5	4.0	4.2	4.1	4.0	4.2	4.4
144.5°	2.7	3.1	3.1	2.9	3.5	4.0	4.2	4.2	4.1	4.2	4.4
145°	2.7	3.1	3.1	2.9	3.5	4.0	4.2	4.3	4.1	4.3	4.5
145.5°	2.7	3.1	3.2	2.9	3.4	4.0	4.2	4.4	4.3	4.3	4.6
146°	2.7	3.2	3.2	2.9	3.4	4.0	4.2	4.5	4.4	4.4	4.8
146.5°	2.7	3.2	3.2	2.9	3.3	4.0	4.2	4.5	4.6	4.6	4.9
147°	2.7	3.2	3.2	2.9	3.3	3.9	4.1	4.5	4.7	4.8	5.0
147.5°	2.7	3.2	3.2	2.9	3.3	3.9	4.1	4.4	4.7	4.8	5.1
148°	2.7	3.2	3.2	2.9	3.2	3.9	4.1	4.4	4.7	4.8	5.0
148.5°	2.7	3.2	3.2	2.9	3.2	3.9	4.1	4.4	4.6	4.9	5.0
149°	2.6	3.1	3.2	2.9	3.2	3.8	4.1	4.4	4.6	4.8	5.0
149.5°	2.6	3.1	3.2	2.9	3.1	3.8	4.1	4.4	4.7	4.8	5.0
150°	2.6	3.1	3.2	3.0	3.1	3.7	4.1	4.4	4.7	4.8	5.0
150.5°	2.6	3.1	3.2	3.0	3.1	3.7	4.1	4.3	4.6	4.8	4.9
151°	2.5	3.1	3.2	3.0	3.1	3.6	4.1	4.4	4.6	4.7	4.9
151.5°	2.4	3.0	3.2	3.0	3.0	3.5	4.0	4.4	4.5	4.6	4.9
152°	2.4	3.0	3.2	3.0	3.0	3.5	4.0	4.3	4.5	4.6	4.9
152.5°	2.4	3.0	3.2	3.0	3.0	3.4	3.9	4.3	4.5	4.6	4.9
153°	2.3	2.9	3.2	3.1	3.0	3.4	3.9	4.2	4.5	4.6	4.8
153.5°	2.2	2.9	3.2	3.1	3.0	3.3	3.8	4.2	4.4	4.6	4.7
154°	2.0	2.8	3.2	3.1	3.0	3.3	3.7	4.1	4.4	4.5	4.6
154.5°	2.0	2.8	3.2	3.1	3.1	3.2	3.6	4.0	4.3	4.4	4.5
155°	2.0	2.8	3.2	3.1	3.1	3.2	3.6	4.0	4.2	4.4	4.4
155.5°	2.0	2.8	3.2	3.2	3.1	3.2	3.5	3.9	4.1	4.3	4.3
156°	1.9	2.8	3.2	3.2	3.1	3.2	3.4	3.8	4.0	4.2	4.2



TEST NUMBER: P563539

CATALOG NUMBER: 4NWS3C3-NUV-MED-4000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
157.5°	1.8	2.8	3.2	3.2	3.2	3.2	3.3	3.6	3.8	3.9	3.9
158°	1.8	2.8	3.2	3.2	3.3	3.2	3.3	3.5	3.7	3.8	3.9
158.5°	1.8	2.8	3.2	3.2	3.3	3.3	3.3	3.4	3.6	3.7	3.8
159°	1.8	2.7	3.2	3.3	3.3	3.3	3.3	3.4	3.5	3.7	3.7
159.5°	1.8	2.7	3.2	3.3	3.3	3.3	3.3	3.4	3.5	3.6	3.6
160°	1.8	2.7	3.2	3.3	3.4	3.4	3.3	3.4	3.4	3.5	3.6
160.5°	1.8	2.7	3.2	3.3	3.4	3.4	3.3	3.4	3.4	3.5	3.5
161°	1.8	2.7	3.1	3.3	3.4	3.4	3.4	3.4	3.4	3.5	3.5
161.5°	1.8	2.6	3.1	3.3	3.4	3.5	3.4	3.4	3.4	3.4	3.5
162°	1.8	2.6	3.1	3.3	3.4	3.5	3.4	3.4	3.4	3.4	3.5
162.5°	1.8	2.6	3.1	3.3	3.5	3.5	3.5	3.4	3.4	3.4	3.5
163°	1.8	2.5	3.1	3.3	3.5	3.5	3.5	3.5	3.4	3.5	3.5
163.5°	1.9	2.4	3.1	3.3	3.5	3.5	3.5	3.5	3.5	3.5	3.5
164°	1.9	2.4	3.1	3.3	3.5	3.6	3.5	3.5	3.5	3.5	3.5
164.5°	1.9	2.2	3.1	3.3	3.5	3.6	3.6	3.5	3.5	3.5	3.6
165°	1.9	2.2	3.0	3.3	3.5	3.6	3.6	3.6	3.5	3.5	3.6
165.5°	1.9	2.2	3.0	3.2	3.5	3.6	3.6	3.6	3.6	3.6	3.6
166°	1.9	2.3	3.0	3.2	3.5	3.6	3.6	3.6	3.6	3.6	3.6
166.5°	1.9	2.3	3.1	3.1	3.5	3.6	3.6	3.6	3.6	3.6	3.7
167°	1.9	2.3	3.0	3.2	3.5	3.6	3.7	3.7	3.7	3.6	3.7
167.5°	1.9	2.4	2.8	3.1	3.4	3.6	3.7	3.7	3.7	3.7	3.7
168°	1.9	2.4	2.9	2.9	3.4	3.6	3.7	3.7	3.7	3.7	3.7
168.5°	2.0	2.2	3.0	2.9	3.5	3.6	3.7	3.7	3.7	3.7	3.8
169°	2.0	2.1	2.8	3.1	3.4	3.6	3.7	3.7	3.8	3.8	3.8
169.5°	2.1	2.3	2.5	3.1	3.1	3.5	3.7	3.8	3.8	3.8	3.8
170°	2.1	2.5	2.6	3.0	3.1	3.4	3.7	3.8	3.8	3.8	3.8
170.5°	2.4	2.4	2.9	2.9	3.4	3.5	3.7	3.7	3.8	3.8	3.8
171°	2.7	2.5	2.9	3.0	3.3	3.4	3.6	3.7	3.8	3.8	3.8
171.5°	2.7	2.8	2.7	3.0	2.9	3.0	3.5	3.7	3.7	3.7	3.7
172°	2.7	2.8	2.8	2.9	3.0	3.0	3.5	3.7	3.7	3.7	3.7
172.5°	2.9	2.8	2.9	2.8	3.1	3.3	3.4	3.6	3.6	3.6	3.7
173°	2.9	2.9	2.9	2.9	2.9	3.2	3.4	3.5	3.6	3.6	3.6
173.5°	2.9	2.9	3.0	2.9	3.0	3.0	3.4	3.5	3.5	3.5	3.5
174°	3.0	3.0	3.0	2.8	3.0	3.1	3.2	3.4	3.5	3.5	3.5
174.5°	3.0	3.1	3.1	2.9	2.8	3.0	3.0	3.3	3.5	3.5	3.5
175°	3.1	3.1	3.2	3.0	2.8	2.9	3.2	3.4	3.5	3.4	3.5
175.5°	3.2	3.2	3.2	3.0	2.9	2.9	3.1	3.4	3.5	3.4	3.4
176°	3.2	3.2	3.2	3.1	2.8	2.7	2.9	3.3	3.5	3.4	3.3
176.5°	3.2	3.2	3.2	3.2	3.0	2.8	2.9	3.2	3.4	3.4	3.3
177°	3.2	3.2	3.2	3.2	3.0	2.8	3.0	3.2	3.3	3.3	3.3
177.5°	3.2	3.2	3.2	3.1	2.9	2.8	2.9	3.1	3.2	3.3	3.2
178°	3.2	3.2	3.2	3.1	2.9	2.8	2.8	2.9	3.1	3.3	3.1
178.5°	3.2	3.2	3.2	3.0	2.8	2.6	2.6	2.8	3.1	3.2	3.1



TEST NUMBER: P563539

CATALOG NUMBER: 4NWS3C3-NUV-MED-4000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
180°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9



TEST NUMBER: P563539

CATALOG NUMBER: 4NWS3C3-NUV-MED-4000K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
0°	1703.3	1703.3	1703.3	1703.3	1703.3	1703.3	1703.3	1703.3	1703.3	1703.3	1703.3
0.5°	1703.7	1703.6	1703.5	1703.3	1703.2	1703.0	1702.8	1702.7	1702.6	1702.6	1702.7
1°	1703.7	1703.9	1704.1	1704.3	1704.1	1703.7	1703.3	1702.8	1702.5	1702.2	1702.2
1.5°	1704.2	1704.0	1703.5	1702.7	1702.2	1702.2	1702.2	1702.0	1701.6	1701.3	1701.3
2°	1704.1	1702.8	1701.4	1701.4	1701.3	1700.7	1700.5	1700.6	1700.2	1700.1	1700.0
2.5°	1702.8	1702.5	1702.7	1701.7	1701.6	1701.2	1700.2	1700.0	1699.7	1699.4	1699.0
3°	1702.1	1701.7	1701.4	1700.6	1700.6	1700.2	1699.9	1699.3	1697.9	1696.8	1697.1
3.5°	1700.7	1700.3	1700.3	1700.4	1699.6	1698.3	1698.1	1698.3	1696.3	1695.6	1695.3
4°	1700.3	1699.6	1698.9	1698.9	1698.6	1697.8	1696.6	1696.9	1695.8	1694.4	1693.3
4.5°	1697.3	1698.2	1696.6	1697.6	1697.7	1696.4	1695.1	1694.3	1693.7	1692.5	1691.7
5°	1696.5	1696.5	1696.2	1695.3	1695.7	1695.1	1693.9	1692.9	1692.2	1691.1	1689.0
5.5°	1695.6	1694.9	1694.5	1693.6	1694.0	1692.7	1692.5	1691.3	1690.6	1689.4	1687.0
6°	1693.6	1692.8	1692.1	1691.7	1691.5	1690.9	1690.5	1689.2	1688.2	1687.3	1684.3
6.5°	1691.2	1690.6	1690.2	1689.5	1689.0	1689.7	1688.6	1687.0	1685.1	1685.0	1682.0
7°	1689.1	1688.0	1688.6	1687.4	1687.1	1687.3	1686.5	1684.3	1682.5	1681.8	1679.7
7.5°	1686.2	1685.6	1685.7	1685.7	1684.4	1684.5	1683.5	1682.5	1679.7	1679.3	1677.4
8°	1683.6	1683.2	1682.8	1682.9	1682.3	1682.4	1680.2	1679.1	1677.2	1676.5	1673.8
8.5°	1680.2	1680.2	1679.7	1679.5	1679.9	1678.9	1678.7	1676.4	1675.3	1673.2	1670.8
9°	1676.8	1677.2	1676.7	1676.7	1677.2	1675.8	1675.3	1674.1	1671.4	1669.8	1667.6
9.5°	1674.0	1674.1	1673.2	1673.4	1673.5	1673.2	1671.6	1670.2	1667.5	1666.2	1663.5
10°	1670.3	1670.4	1669.6	1670.6	1670.1	1668.7	1668.8	1667.1	1664.5	1662.8	1659.8
10.5°	1666.5	1666.9	1665.3	1667.1	1666.6	1665.7	1665.7	1663.9	1661.5	1658.4	1656.2
11°	1661.8	1663.3	1662.6	1663.9	1663.2	1662.7	1662.2	1660.4	1657.4	1654.3	1651.8
11.5°	1657.6	1659.1	1658.2	1659.4	1659.3	1659.4	1658.1	1655.9	1652.9	1650.7	1647.2
12°	1653.4	1654.3	1654.0	1654.8	1655.7	1654.9	1654.1	1652.0	1649.4	1646.9	1642.9
12.5°	1648.9	1650.1	1649.9	1650.2	1651.7	1650.7	1649.8	1648.1	1645.6	1641.8	1638.9
13°	1644.2	1645.4	1644.8	1645.4	1646.6	1646.2	1646.0	1644.0	1641.7	1637.2	1634.4
13.5°	1638.8	1639.6	1639.6	1641.2	1642.0	1641.6	1641.4	1639.5	1636.2	1632.3	1628.6
14°	1633.2	1634.5	1635.3	1636.6	1637.4	1637.2	1636.8	1635.4	1631.4	1627.6	1623.4
14.5°	1627.6	1629.0	1630.1	1631.3	1632.7	1632.6	1632.1	1630.3	1627.3	1622.2	1618.1
15°	1621.9	1624.1	1624.6	1626.2	1628.2	1627.4	1627.4	1624.9	1622.4	1616.4	1612.7
15.5°	1616.0	1618.9	1619.6	1621.2	1623.2	1622.0	1622.6	1619.8	1616.7	1611.3	1607.2
16°	1609.6	1612.4	1613.7	1615.3	1617.3	1617.1	1617.1	1615.0	1611.2	1606.6	1601.8
16.5°	1603.5	1606.5	1607.7	1609.5	1611.4	1611.8	1611.3	1610.0	1606.2	1601.0	1595.5
17°	1597.0	1599.8	1601.3	1603.4	1606.0	1606.0	1605.8	1604.5	1600.4	1594.8	1588.8
17.5°	1590.3	1593.7	1595.4	1597.4	1600.6	1600.7	1601.2	1598.5	1594.4	1589.0	1582.8
18°	1583.7	1586.3	1589.2	1592.0	1594.3	1594.4	1594.8	1592.2	1588.1	1582.8	1576.0
18.5°	1576.4	1578.8	1582.8	1585.3	1588.2	1587.9	1588.0	1586.5	1582.0	1575.9	1569.0
19°	1568.7	1571.6	1575.5	1578.0	1581.8	1582.2	1582.2	1580.4	1576.4	1569.3	1562.6
19.5°	1561.1	1564.4	1568.3	1571.8	1574.9	1575.4	1575.9	1573.9	1569.7	1562.7	1555.4
20°	1554.3	1557.8	1561.4	1564.9	1568.0	1569.3	1569.3	1567.6	1563.1	1555.9	1548.3
20.5°	1546.4	1549.9	1554.3	1557.3	1561.6	1562.3	1562.4	1561.2	1556.5	1549.1	1541.0
21°	1538.2	1542.8	1546.3	1550.0	1554.1	1555.9	1555.8	1554.0	1549.5	1541.6	1533.6



TEST NUMBER: P563539

CATALOG NUMBER: 4NWS3C3-NUV-MED-4000K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
22.5°	1512.9	1517.0	1522.4	1527.9	1532.1	1534.5	1534.4	1532.0	1527.5	1518.8	1510.8
23°	1504.0	1508.7	1514.5	1519.7	1524.4	1526.6	1526.8	1524.4	1520.1	1511.7	1502.0
23.5°	1495.1	1500.0	1505.9	1511.0	1517.0	1519.5	1519.6	1517.3	1512.2	1504.2	1494.0
24°	1485.6	1491.6	1496.9	1503.1	1508.6	1511.3	1511.7	1509.7	1504.7	1496.1	1485.8
24.5°	1476.3	1482.1	1488.5	1494.4	1500.2	1503.4	1504.4	1501.9	1496.6	1487.7	1477.2
25°	1467.3	1472.8	1479.8	1485.9	1491.8	1495.5	1496.6	1493.9	1488.4	1479.0	1468.3
25.5°	1457.6	1463.8	1470.4	1476.8	1483.2	1487.1	1488.0	1485.6	1480.1	1470.6	1459.9
26°	1447.8	1454.3	1461.3	1467.7	1474.7	1478.4	1479.3	1477.8	1471.9	1461.9	1450.7
26.5°	1437.9	1444.1	1451.6	1458.6	1466.4	1470.4	1471.0	1469.1	1463.0	1453.4	1441.6
27°	1427.4	1434.6	1442.1	1449.6	1456.8	1461.3	1462.3	1460.0	1454.5	1444.4	1432.4
27.5°	1417.4	1424.1	1432.4	1440.1	1448.3	1452.2	1453.3	1451.4	1445.7	1435.4	1422.9
28°	1406.6	1414.3	1422.0	1430.9	1438.7	1442.8	1444.2	1442.6	1436.5	1426.3	1413.2
28.5°	1396.1	1403.6	1412.4	1421.2	1428.9	1434.0	1435.4	1433.8	1427.5	1416.8	1404.1
29°	1385.2	1393.2	1402.5	1410.7	1419.9	1425.3	1426.5	1424.4	1418.2	1407.5	1394.1
29.5°	1373.8	1381.8	1391.8	1400.7	1410.1	1415.0	1417.6	1415.1	1408.4	1397.8	1383.8
30°	1363.3	1371.6	1381.5	1391.0	1400.1	1406.4	1407.3	1405.6	1398.6	1388.0	1374.0
30.5°	1352.0	1359.7	1370.8	1381.1	1390.1	1396.2	1397.4	1395.5	1389.9	1378.0	1363.6
31°	1339.7	1349.4	1360.2	1370.2	1380.2	1385.8	1388.3	1386.6	1379.7	1367.6	1353.4
31.5°	1328.1	1338.2	1349.2	1359.3	1370.3	1376.3	1378.2	1376.3	1369.3	1358.1	1343.1
32°	1316.6	1326.4	1337.9	1349.1	1359.3	1365.9	1367.8	1366.4	1359.9	1347.7	1332.4
32.5°	1304.8	1315.4	1327.1	1338.2	1348.6	1355.8	1357.9	1356.6	1349.2	1337.4	1321.9
33°	1292.9	1303.3	1315.9	1327.3	1338.8	1345.1	1347.9	1345.9	1339.2	1326.9	1310.6
33.5°	1280.7	1291.6	1304.2	1316.6	1327.6	1334.8	1336.9	1335.9	1328.7	1316.0	1299.7
34°	1268.6	1279.7	1292.7	1305.2	1316.1	1324.1	1326.5	1325.9	1318.2	1305.3	1288.8
34.5°	1256.8	1267.6	1281.0	1293.7	1305.4	1313.7	1316.2	1314.9	1307.0	1294.9	1279.0
35°	1244.2	1255.1	1269.2	1282.0	1294.7	1302.4	1305.6	1304.0	1296.6	1283.9	1268.3
35.5°	1231.0	1243.4	1257.2	1270.5	1283.4	1290.8	1294.5	1293.1	1285.9	1273.5	1256.3
36°	1218.3	1230.8	1245.2	1259.3	1271.5	1280.4	1283.6	1282.7	1275.2	1261.8	1244.3
36.5°	1205.7	1218.0	1233.3	1247.8	1260.3	1269.4	1272.7	1271.9	1263.6	1250.2	1232.4
37°	1192.9	1205.8	1220.9	1235.0	1249.3	1258.3	1261.4	1260.3	1252.1	1238.5	1220.4
37.5°	1180.4	1192.9	1208.6	1223.6	1237.3	1246.7	1249.9	1248.7	1240.6	1226.9	1208.5
38°	1167.2	1180.6	1196.6	1211.9	1225.9	1234.9	1238.4	1237.2	1229.1	1215.3	1196.7
38.5°	1154.7	1167.3	1184.3	1199.4	1213.0	1223.0	1227.0	1225.7	1217.6	1203.6	1184.5
39°	1141.4	1155.0	1171.4	1187.0	1201.4	1211.0	1215.1	1213.9	1205.7	1191.7	1172.7
39.5°	1128.7	1141.9	1158.7	1174.7	1189.3	1199.2	1203.0	1201.8	1193.7	1180.1	1160.2
40°	1115.1	1128.6	1145.9	1162.3	1177.2	1187.5	1191.4	1190.0	1182.0	1167.8	1148.2
40.5°	1101.4	1115.7	1132.6	1150.3	1164.5	1175.5	1179.3	1177.7	1170.0	1155.9	1136.0
41°	1087.9	1102.2	1120.1	1137.1	1152.6	1162.8	1166.9	1165.9	1157.9	1144.0	1123.7
41.5°	1075.1	1089.3	1107.2	1124.3	1139.7	1150.6	1155.0	1153.8	1146.1	1131.1	1110.8
42°	1062.0	1076.7	1094.3	1111.6	1127.3	1138.0	1142.2	1142.0	1133.3	1118.2	1098.2
42.5°	1048.8	1063.3	1081.4	1099.0	1114.5	1125.5	1130.1	1129.3	1121.2	1106.2	1085.3
43°	1035.3	1049.1	1068.0	1086.1	1102.0	1113.9	1117.6	1116.8	1108.5	1093.9	1073.8
43.5°	1021.4	1036.5	1055.1	1073.2	1089.6	1100.6	1105.1	1104.3	1095.7	1081.2	1060.6



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CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
45°	981.6	996.4	1015.4	1034.0	1051.3	1062.5	1066.7	1066.3	1058.1	1042.5	1021.8
45.5°	967.6	982.6	1002.2	1021.0	1037.5	1048.9	1054.3	1053.6	1044.7	1029.6	1008.7
46°	954.1	969.0	988.8	1007.6	1024.4	1036.6	1040.9	1040.4	1031.5	1016.9	995.8
46.5°	940.5	956.1	974.9	994.2	1010.9	1023.1	1027.8	1027.1	1018.7	1003.9	982.9
47°	927.2	942.0	961.6	981.3	998.4	1010.5	1015.1	1014.2	1005.5	990.6	969.6
47.5°	913.7	929.5	948.2	967.7	985.2	997.5	1001.2	1001.1	992.6	977.5	956.4
48°	900.2	915.2	934.8	954.3	971.8	984.1	988.3	987.5	979.5	964.5	943.2
48.5°	887.0	902.1	922.1	941.3	957.9	970.2	974.8	974.5	966.2	951.2	929.6
49°	873.3	888.9	908.8	927.7	945.4	957.2	961.7	961.4	953.2	937.7	916.7
49.5°	860.4	875.6	895.2	914.2	931.4	944.4	948.9	948.0	939.6	924.4	903.7
50°	847.1	861.7	881.7	900.4	918.7	930.8	935.5	934.7	926.3	911.4	890.2
50.5°	833.9	848.6	868.2	887.6	905.0	917.5	921.9	921.2	913.2	897.7	876.5
51°	820.3	835.3	854.9	874.4	891.8	903.7	908.2	907.6	899.1	884.3	863.3
51.5°	807.5	822.8	841.4	860.9	878.0	890.8	894.6	894.2	885.9	871.2	849.9
52°	794.4	808.9	828.2	847.1	864.8	876.3	881.5	880.7	872.4	857.2	836.5
52.5°	781.6	795.9	814.9	833.8	851.1	863.2	868.1	868.4	858.8	843.5	823.1
53°	768.6	782.8	801.4	820.6	837.9	849.5	855.3	854.8	845.1	830.2	809.8
53.5°	755.5	770.0	788.5	807.0	824.4	836.3	843.0	839.7	831.7	817.1	796.4
54°	742.6	755.9	775.5	793.6	810.9	822.4	828.4	825.9	817.6	803.2	783.3
54.5°	730.0	743.5	762.0	780.4	796.9	809.3	813.4	812.4	804.2	789.9	769.9
55°	716.8	730.8	748.9	767.1	783.7	795.4	799.6	798.4	790.4	776.3	756.3
55.5°	703.9	718.0	736.2	753.9	769.9	781.9	785.5	784.5	776.4	762.6	742.7
56°	691.2	704.9	722.9	740.3	756.5	767.6	771.8	772.3	763.2	748.9	729.5
56.5°	678.8	692.1	709.7	727.1	743.0	754.0	758.9	758.4	749.7	735.4	716.2
57°	666.6	679.3	696.3	714.0	729.5	740.5	746.8	742.9	736.2	721.9	702.8
57.5°	653.9	666.9	683.4	701.2	716.0	727.1	732.3	729.5	721.4	708.1	689.6
58°	641.4	654.3	670.9	687.8	702.2	713.3	716.4	715.7	707.8	694.6	676.1
58.5°	629.4	641.5	657.7	674.0	688.7	699.3	702.8	702.2	694.0	681.4	662.7
59°	617.3	628.9	644.5	660.6	675.6	685.6	689.3	688.5	680.6	667.5	649.2
59.5°	604.9	616.8	631.9	647.6	662.2	672.8	676.6	673.7	666.5	653.7	636.3
60°	593.1	604.6	619.2	634.8	649.8	659.3	662.3	660.0	652.8	640.3	622.5
60.5°	581.1	592.2	606.8	621.7	636.6	644.8	647.1	646.3	638.5	626.6	609.5
61°	569.1	579.9	594.5	608.8	622.4	630.4	633.0	632.6	625.1	612.9	596.4
61.5°	557.1	567.6	581.8	596.4	608.4	617.2	619.7	618.2	610.8	599.1	582.8
62°	545.2	555.2	569.1	583.3	599.1	605.0	606.8	604.5	597.0	585.9	569.6
62.5°	533.1	542.8	556.3	570.6	584.8	600.6	589.1	590.3	583.4	572.3	556.3
63°	521.3	530.9	543.5	557.1	571.7	583.9	575.4	576.8	569.9	558.7	543.8
63.5°	510.0	519.1	530.9	543.6	556.9	567.8	562.2	562.7	555.5	545.4	530.6
64°	498.7	507.3	518.5	530.4	542.1	551.6	548.8	548.5	542.0	531.9	517.5
64.5°	487.3	495.3	506.4	517.7	528.4	535.5	535.4	534.7	528.3	518.3	504.2
65°	476.0	483.9	494.6	505.3	514.8	521.2	521.6	521.1	514.8	504.8	491.7
65.5°	464.8	472.4	482.3	492.5	501.6	507.2	508.5	507.0	500.9	491.5	478.6
66°	453.5	460.9	470.1	480.1	488.5	495.0	494.8	493.2	487.3	478.2	465.5



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CATALOG NUMBER: 4NWS3C3-NUV-MED-4000K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
67.5°	421.0	426.8	435.2	443.1	449.8	453.6	453.1	452.0	446.4	438.4	427.4
68°	410.1	415.7	423.5	430.6	436.8	440.5	439.3	438.4	432.9	425.0	414.3
68.5°	399.5	404.6	411.4	418.3	423.9	427.0	426.3	424.6	419.0	411.7	402.0
69°	388.7	393.3	400.0	406.0	411.0	413.8	412.5	410.8	405.4	398.8	389.3
69.5°	377.9	382.1	388.5	394.1	398.7	400.9	399.1	396.8	392.1	385.8	377.1
70°	367.2	371.5	377.2	382.3	386.1	387.3	385.2	383.6	378.8	372.7	364.5
70.5°	357.1	360.8	366.0	370.3	373.4	374.0	371.8	370.0	365.0	359.9	352.0
71°	347.0	350.2	354.7	358.5	360.9	361.1	358.2	356.7	352.1	346.6	339.5
71.5°	336.6	339.8	343.5	346.6	348.5	348.0	344.9	343.2	338.7	333.9	327.5
72°	326.4	329.1	332.3	335.0	336.1	335.1	331.8	329.8	325.4	321.0	315.4
72.5°	316.5	318.4	321.4	323.2	324.2	322.5	318.6	316.3	312.2	308.5	303.4
73°	306.3	307.9	310.4	311.8	312.1	309.6	305.4	303.0	299.1	295.8	291.1
73.5°	296.5	297.6	299.6	300.4	300.0	297.0	292.4	289.9	286.3	283.3	279.4
74°	287.0	287.7	289.2	289.4	287.9	284.5	279.4	276.9	273.5	270.8	267.6
74.5°	277.3	277.7	278.5	278.0	276.0	272.1	266.4	263.6	260.6	258.3	256.1
75°	267.6	267.6	267.9	266.6	264.1	259.7	253.8	250.9	248.1	246.3	244.6
75.5°	258.2	257.8	257.5	255.7	252.6	247.4	241.2	238.1	235.3	234.4	233.4
76°	248.9	248.1	247.2	244.9	241.1	235.3	228.6	225.4	222.9	222.4	221.8
76.5°	239.7	238.4	237.0	233.9	229.8	223.4	216.0	212.7	210.7	210.7	211.0
77°	230.4	228.9	227.2	223.8	218.4	211.4	204.0	200.4	198.6	198.9	200.0
77.5°	221.4	219.6	217.2	213.1	207.2	199.7	191.7	188.3	186.4	187.7	189.4
78°	212.7	210.4	207.4	202.8	196.3	188.2	180.0	176.2	174.7	176.2	178.3
78.5°	204.0	201.3	197.9	192.7	185.7	177.0	168.3	164.3	163.1	165.2	168.2
79°	195.4	192.5	188.5	182.7	175.1	165.8	156.8	153.1	152.1	154.9	158.6
79.5°	187.0	183.6	179.2	172.6	164.8	154.9	145.2	141.9	141.2	144.6	148.9
80°	178.7	175.1	170.2	163.2	154.5	144.0	134.3	130.7	130.2	134.4	139.3
80.5°	170.5	166.6	161.3	153.4	144.4	133.7	123.6	119.5	119.3	124.1	129.6
81°	162.7	158.4	152.6	144.5	134.7	123.5	113.1	108.8	109.0	113.8	120.0
81.5°	154.9	150.3	144.0	135.4	125.4	113.6	102.7	98.0	99.1	104.1	110.9
82°	147.2	142.3	135.8	126.9	115.9	103.9	92.8	88.0	89.1	94.7	102.1
82.5°	139.7	134.6	127.7	118.2	107.0	94.6	83.4	78.6	79.6	85.8	93.8
83°	132.6	127.2	119.9	110.1	98.4	85.5	74.1	69.3	70.7	77.3	85.7
83.5°	125.5	120.0	112.3	102.2	90.1	77.0	65.4	60.5	62.4	69.1	77.9
84°	118.6	112.9	105.1	94.5	82.0	68.7	57.1	52.0	54.0	61.2	70.6
84.5°	112.1	106.1	97.9	86.9	74.4	60.9	50.0	44.1	46.3	53.7	63.6
85°	105.5	99.4	90.9	80.0	67.1	54.4	42.9	36.7	38.9	46.8	57.0
85.5°	99.3	93.0	84.4	73.3	60.4	48.1	35.9	29.8	32.3	40.5	50.8
86°	93.2	86.9	78.2	66.9	54.8	41.7	28.9	24.7	26.1	34.6	45.1
86.5°	87.5	81.1	72.1	61.0	49.2	35.3	22.8	19.7	22.1	29.2	39.7
87°	81.9	75.4	66.3	56.0	43.6	29.0	17.6	14.7	18.0	24.5	34.8
87.5°	76.5	69.9	61.1	51.1	38.1	24.0	13.2	9.7	13.9	21.4	30.3
88°	71.3	64.8	56.5	46.1	32.6	19.8	9.4	4.7	9.9	18.3	26.3
88.5°	66.4	59.6	52.0	41.1	28.2	16.1	6.5	2.1	6.0	15.2	22.9



TEST NUMBER: P563539

CATALOG NUMBER: 4NWS3C3-NUV-MED-4000K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
90°	53.8	47.5	38.9	28.7	18.0	8.4	2.9	0.7	2.5	7.6	16.1
90.5°	50.0	43.5	35.3	25.5	15.4	6.8	1.8	0.5	2.2	6.5	14.2
91°	46.2	39.9	31.9	22.6	13.2	6.0	1.3	0.4	1.9	5.7	12.3
91.5°	42.6	36.6	28.9	20.0	11.4	5.2	1.1	0.3	1.7	5.2	10.4
92°	39.3	33.5	26.1	17.8	9.9	4.5	0.9	0.3	1.5	4.8	9.5
92.5°	36.2	30.7	23.6	15.9	8.7	3.7	0.7	0.3	1.4	4.5	8.8
93°	33.4	28.1	21.4	14.2	7.8	3.3	0.6	0.4	1.3	4.2	8.3
93.5°	30.9	25.8	19.5	12.8	7.1	3.0	0.5	0.5	1.2	4.0	7.9
94°	28.5	23.6	17.7	11.6	6.6	2.8	0.5	0.5	1.1	3.9	7.5
94.5°	26.3	21.7	16.2	10.7	6.2	2.5	0.6	0.6	1.2	3.8	7.2
95°	24.3	19.9	14.9	9.9	5.8	2.3	0.6	0.6	1.2	3.8	6.9
95.5°	22.5	18.4	13.7	9.3	5.5	2.1	0.7	0.7	1.2	3.7	6.7
96°	20.8	17.1	12.8	8.8	5.1	2.0	0.8	0.8	1.2	3.6	6.5
96.5°	19.4	16.0	12.1	8.3	4.8	1.9	0.9	0.9	1.2	3.5	6.4
97°	18.1	15.0	11.5	8.0	4.5	1.8	1.0	1.0	1.1	3.3	6.3
97.5°	17.1	14.2	10.9	7.6	4.3	1.7	1.0	1.1	1.1	3.2	6.2
98°	16.1	13.5	10.4	7.2	4.0	1.6	1.1	1.2	1.1	3.1	6.1
98.5°	15.3	12.9	10.0	6.9	3.8	1.5	1.2	1.3	1.2	3.1	6.1
99°	14.6	12.4	9.6	6.5	3.6	1.5	1.3	1.5	1.3	3.0	5.9
99.5°	14.1	11.9	9.2	6.2	3.4	1.4	1.4	1.6	1.5	3.0	5.8
100°	13.5	11.4	8.8	5.9	3.2	1.4	1.5	1.8	1.6	3.0	5.6
100.5°	13.0	11.0	8.4	5.6	3.0	1.4	1.6	1.9	1.7	3.0	5.5
101°	12.6	10.5	8.1	5.3	2.9	1.4	1.6	2.0	1.8	2.9	5.4
101.5°	12.1	10.1	7.7	5.0	2.7	1.4	1.7	2.1	1.8	2.8	5.3
102°	11.6	9.7	7.4	4.7	2.5	1.4	1.7	2.2	1.9	2.8	5.2
102.5°	11.2	9.3	7.0	4.5	2.4	1.4	1.9	2.2	2.0	2.7	5.1
103°	10.8	9.0	6.7	4.3	2.3	1.5	2.0	2.3	2.1	2.6	5.0
103.5°	10.4	8.6	6.5	4.1	2.2	1.6	2.0	2.3	2.2	2.5	4.8
104°	10.0	8.3	6.2	3.9	2.1	1.7	2.1	2.4	2.2	2.4	4.7
104.5°	9.6	7.9	5.9	3.7	2.1	1.8	2.2	2.4	2.3	2.4	4.6
105°	9.2	7.6	5.7	3.5	2.1	1.9	2.4	2.5	2.4	2.4	4.5
105.5°	8.8	7.3	5.4	3.4	2.1	2.0	2.8	2.6	2.5	2.4	4.4
106°	8.5	7.0	5.2	3.2	2.0	2.0	3.1	2.7	2.6	2.4	4.2
106.5°	8.1	6.7	4.9	3.1	2.0	2.1	3.4	2.8	2.8	2.3	4.0
107°	7.8	6.4	4.7	2.9	2.0	2.1	3.7	2.8	3.2	2.2	3.9
107.5°	7.5	6.2	4.5	2.8	2.0	2.1	3.8	2.9	3.4	2.2	3.8
108°	7.2	5.9	4.3	2.7	2.0	2.2	3.7	2.9	3.3	2.3	3.6
108.5°	6.9	5.6	4.1	2.6	2.1	2.3	3.6	3.0	3.2	2.3	3.5
109°	6.7	5.4	3.9	2.6	2.2	2.3	3.6	3.0	3.3	2.4	3.4
109.5°	6.4	5.1	3.7	2.5	2.2	2.4	3.5	3.0	3.3	2.5	3.4
110°	6.1	4.9	3.6	2.4	2.3	2.5	3.5	3.1	3.4	2.5	3.3
110.5°	5.9	4.7	3.4	2.3	2.3	2.6	3.5	3.1	3.5	2.6	3.2
111°	5.6	4.4	3.3	2.3	2.3	2.7	3.5	3.2	3.6	2.7	3.2



TEST NUMBER: P563539

CATALOG NUMBER: 4NWS3C3-NUV-MED-4000K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
112.5°	4.9	3.9	2.9	2.3	2.4	3.1	3.6	3.3	3.9	2.9	3.1
113°	4.7	3.8	2.8	2.3	2.4	3.3	3.6	3.3	3.9	2.9	3.0
113.5°	4.5	3.6	2.8	2.3	2.5	3.4	3.7	3.3	4.0	2.9	2.9
114°	4.4	3.5	2.7	2.3	2.6	3.6	3.7	3.4	4.0	3.0	2.8
114.5°	4.2	3.4	2.7	2.3	2.7	3.8	3.8	3.4	4.1	3.0	2.7
115°	4.0	3.3	2.7	2.4	2.8	3.9	3.8	3.3	4.1	3.1	2.6
115.5°	3.9	3.3	2.7	2.5	2.9	4.0	3.8	3.3	4.1	3.1	2.6
116°	3.7	3.2	2.7	2.5	3.0	4.2	3.9	3.3	4.2	3.2	2.6
116.5°	3.6	3.1	2.6	2.6	3.1	4.3	3.9	3.4	4.2	3.3	2.7
117°	3.5	3.1	2.6	2.7	3.2	4.4	4.0	3.4	4.3	3.4	2.7
117.5°	3.4	3.0	2.6	2.8	3.3	4.4	4.0	3.4	4.3	3.5	2.8
118°	3.3	3.0	2.6	2.9	3.4	4.5	4.1	3.4	4.4	3.5	2.9
118.5°	3.2	2.9	2.6	2.9	3.5	4.6	4.1	3.4	4.4	3.6	2.9
119°	3.1	2.8	2.6	3.0	3.6	4.8	4.2	3.4	4.4	3.6	2.9
119.5°	3.1	2.8	2.6	3.1	3.6	5.0	4.2	3.4	4.4	3.7	3.0
120°	3.0	2.7	2.7	3.2	3.7	5.0	4.3	3.4	4.5	3.9	3.1
120.5°	3.0	2.7	2.7	3.2	3.8	5.1	4.3	3.4	4.5	4.0	3.2
121°	2.9	2.7	2.8	3.3	3.9	5.2	4.3	3.4	4.5	4.1	3.3
121.5°	2.8	2.6	2.8	3.4	3.9	5.3	4.3	3.4	4.5	4.1	3.3
122°	2.8	2.6	2.9	3.4	4.1	5.3	4.3	3.4	4.5	4.1	3.4
122.5°	2.7	2.6	3.0	3.5	4.2	5.3	4.2	3.4	4.6	4.1	3.4
123°	2.7	2.7	3.0	3.5	4.3	5.1	4.2	3.4	4.6	4.1	3.5
123.5°	2.7	2.7	3.1	3.6	4.4	5.1	4.2	3.4	4.6	4.1	3.5
124°	2.6	2.7	3.2	3.7	4.4	5.0	4.2	3.4	4.6	4.2	3.6
124.5°	2.6	2.8	3.2	3.7	4.5	4.9	4.1	3.4	4.6	4.2	3.6
125°	2.6	2.8	3.3	3.8	4.7	4.8	4.1	3.4	4.6	4.3	3.7
125.5°	2.7	2.9	3.4	3.9	4.9	4.8	4.1	3.4	4.6	4.3	3.7
126°	2.7	2.9	3.4	3.9	5.0	4.7	4.0	3.4	4.6	4.3	3.8
126.5°	2.7	3.0	3.5	4.0	5.1	4.7	4.0	3.5	4.6	4.4	3.8
127°	2.8	3.1	3.5	4.1	5.2	4.6	4.0	3.5	4.6	4.4	3.9
127.5°	2.8	3.1	3.6	4.2	5.2	4.6	4.0	3.5	4.6	4.5	3.9
128°	2.8	3.2	3.7	4.3	5.2	4.6	4.0	3.5	4.6	4.5	3.9
128.5°	2.9	3.2	3.7	4.4	5.3	4.6	4.0	3.5	4.6	4.5	4.0
129°	2.9	3.3	3.8	4.5	5.4	4.5	3.9	3.5	4.6	4.5	4.2
129.5°	3.0	3.3	3.8	4.6	5.5	4.5	3.9	3.5	4.6	4.5	4.3
130°	3.0	3.4	3.9	4.7	5.5	4.5	3.9	3.5	4.6	4.5	4.4
130.5°	3.1	3.4	4.0	4.7	5.6	4.5	3.9	3.5	4.6	4.6	4.4
131°	3.1	3.5	4.0	4.8	5.6	4.5	3.9	3.6	4.6	4.6	4.4
131.5°	3.2	3.5	4.1	4.9	5.7	4.5	3.9	3.6	4.6	4.7	4.3
132°	3.2	3.6	4.2	5.0	5.7	4.5	3.9	3.6	4.6	4.7	4.3
132.5°	3.3	3.7	4.2	5.1	5.7	4.5	3.9	3.6	4.6	4.7	4.3
133°	3.3	3.7	4.3	5.2	5.6	4.5	3.9	3.6	4.6	4.7	4.4
133.5°	3.4	3.8	4.4	5.3	5.6	4.4	3.9	3.6	4.6	4.7	4.4



TEST NUMBER: P563539

CATALOG NUMBER: 4NWS3C3-NUV-MED-4000K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
135°	3.5	4.0	4.7	5.6	5.4	4.4	3.9	3.6	4.5	4.8	4.3
135.5°	3.6	4.1	4.7	5.7	5.4	4.4	3.9	3.6	4.5	4.8	4.3
136°	3.7	4.1	4.8	5.7	5.4	4.4	3.9	3.6	4.5	4.8	4.4
136.5°	3.7	4.2	4.8	5.7	5.3	4.4	3.9	3.6	4.5	4.8	4.4
137°	3.8	4.3	4.9	5.8	5.2	4.4	4.0	3.6	4.5	4.8	4.4
137.5°	3.9	4.3	5.0	5.8	5.2	4.4	4.0	3.6	4.4	4.8	4.4
138°	3.9	4.4	5.1	5.9	5.1	4.4	4.0	3.6	4.4	4.7	4.5
138.5°	4.0	4.5	5.2	5.9	5.0	4.4	4.0	3.6	4.2	4.7	4.5
139°	4.0	4.6	5.3	5.9	5.0	4.4	4.0	3.6	4.2	4.7	4.4
139.5°	4.1	4.6	5.4	5.9	4.9	4.4	4.0	3.6	4.2	4.7	4.4
140°	4.2	4.7	5.5	5.8	4.8	4.4	4.1	3.6	4.3	4.7	4.5
140.5°	4.2	4.7	5.5	5.8	4.7	4.4	4.0	3.6	4.3	4.8	4.5
141°	4.3	4.8	5.6	5.7	4.7	4.4	4.0	3.5	4.3	4.8	4.5
141.5°	4.4	4.9	5.6	5.6	4.6	4.4	4.0	3.6	4.3	4.9	4.5
142°	4.4	5.0	5.7	5.5	4.6	4.4	4.1	3.5	4.3	4.9	4.5
142.5°	4.5	5.1	5.7	5.5	4.5	4.4	4.1	3.4	4.3	4.9	4.4
143°	4.5	5.3	5.7	5.4	4.5	4.4	4.0	3.4	4.2	4.8	4.3
143.5°	4.6	5.4	5.7	5.3	4.4	4.4	3.9	3.4	4.2	4.6	4.4
144°	4.8	5.4	5.7	5.2	4.4	4.4	4.0	3.5	4.2	4.7	4.4
144.5°	4.9	5.4	5.7	5.1	4.4	4.3	4.0	3.5	4.2	4.8	4.5
145°	5.0	5.4	5.6	5.0	4.3	4.3	4.0	3.5	4.1	4.9	4.5
145.5°	5.2	5.5	5.5	4.9	4.3	4.3	4.0	3.5	4.1	4.9	4.4
146°	5.2	5.4	5.5	4.8	4.3	4.3	4.0	3.5	4.1	4.9	4.4
146.5°	5.2	5.4	5.4	4.7	4.3	4.3	4.0	3.5	4.0	4.9	4.5
147°	5.2	5.4	5.3	4.6	4.2	4.3	4.0	3.4	4.0	4.9	4.6
147.5°	5.2	5.3	5.2	4.5	4.2	4.3	3.9	3.4	4.0	4.8	4.6
148°	5.2	5.3	5.1	4.4	4.2	4.1	3.8	3.5	4.1	4.8	4.7
148.5°	5.2	5.3	5.0	4.4	4.2	4.1	3.9	3.5	4.0	4.8	4.7
149°	5.1	5.2	4.9	4.3	4.1	4.2	3.9	3.5	3.9	4.8	4.7
149.5°	5.1	5.1	4.8	4.2	4.1	4.2	3.9	3.5	4.0	4.7	4.7
150°	5.1	5.0	4.7	4.2	4.1	4.2	3.9	3.5	4.0	4.7	4.7
150.5°	5.1	4.9	4.6	4.1	4.1	4.1	3.9	3.5	3.9	4.7	4.7
151°	5.0	4.9	4.4	4.1	4.0	4.1	3.9	3.5	3.9	4.7	4.6
151.5°	5.0	4.8	4.3	4.0	4.0	4.1	3.8	3.5	3.9	4.6	4.5
152°	4.9	4.7	4.3	4.0	4.0	4.1	3.8	3.5	3.8	4.5	4.7
152.5°	4.8	4.6	4.2	3.9	4.0	4.1	3.8	3.5	3.6	4.4	4.7
153°	4.7	4.5	4.1	3.9	4.0	4.0	3.7	3.4	3.4	4.4	4.7
153.5°	4.6	4.4	4.0	3.9	4.0	4.0	3.7	3.3	3.4	4.3	4.7
154°	4.5	4.3	3.9	3.9	4.0	4.0	3.7	3.3	3.3	4.3	4.7
154.5°	4.4	4.2	3.9	3.8	4.0	4.0	3.7	3.3	3.3	4.1	4.7
155°	4.3	4.1	3.8	3.8	4.0	3.8	3.7	3.3	3.2	3.9	4.4
155.5°	4.2	4.0	3.8	3.8	3.9	3.7	3.6	3.2	3.2	3.7	4.2
156°	4.1	3.9	3.7	3.8	3.8	3.7	3.6	3.1	3.2	3.6	4.1



TEST NUMBER: P563539

CATALOG NUMBER: 4NWS3C3-NUV-MED-4000K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
157.5°	3.9	3.7	3.7	3.8	3.7	3.6	3.1	3.0	3.1	3.5	4.0
158°	3.8	3.7	3.7	3.8	3.9	3.6	3.0	3.0	3.1	3.5	4.0
158.5°	3.7	3.6	3.7	3.8	3.9	3.6	2.9	3.0	3.1	3.4	3.9
159°	3.6	3.6	3.7	3.8	3.8	3.5	2.9	3.0	3.1	3.4	3.8
159.5°	3.6	3.6	3.7	3.7	3.7	3.5	2.9	3.0	3.0	3.4	3.8
160°	3.6	3.6	3.7	3.7	3.6	3.5	2.9	3.0	3.0	3.3	3.7
160.5°	3.6	3.6	3.7	3.6	3.6	3.5	2.9	2.9	3.0	3.3	3.7
161°	3.5	3.6	3.7	3.7	3.7	3.5	2.9	2.9	3.0	3.3	3.6
161.5°	3.5	3.6	3.7	3.7	3.8	3.2	2.9	2.9	3.0	3.2	3.6
162°	3.5	3.6	3.7	3.8	3.7	3.0	2.9	2.9	3.0	3.2	3.5
162.5°	3.6	3.6	3.7	3.8	3.6	2.9	2.9	2.9	3.0	3.2	3.5
163°	3.6	3.7	3.8	3.8	3.5	2.9	2.9	2.9	3.0	3.1	3.5
163.5°	3.6	3.7	3.8	3.8	3.3	2.9	2.9	2.9	3.0	3.1	3.4
164°	3.6	3.7	3.8	3.7	3.1	2.9	2.9	2.9	3.0	3.1	3.4
164.5°	3.6	3.7	3.8	3.6	3.0	2.8	2.9	2.8	3.0	3.1	3.3
165°	3.7	3.7	3.8	3.6	3.0	2.8	2.9	2.8	3.0	3.1	3.3
165.5°	3.7	3.7	3.8	3.5	3.0	2.8	2.9	2.8	3.0	3.1	3.3
166°	3.7	3.8	3.8	3.5	2.9	2.8	2.9	2.9	3.0	3.0	3.3
166.5°	3.7	3.8	3.8	3.5	2.9	2.8	2.9	2.9	3.0	3.0	3.3
167°	3.7	3.8	3.8	3.4	2.9	2.8	2.9	2.9	3.0	3.0	3.2
167.5°	3.8	3.8	3.7	3.1	2.9	2.9	2.9	2.9	2.9	3.0	3.2
168°	3.8	3.8	3.6	3.0	2.9	2.9	2.9	2.9	2.9	3.0	3.2
168.5°	3.8	3.8	3.6	3.0	2.9	2.9	2.9	2.9	2.9	3.0	3.2
169°	3.8	3.8	3.5	3.0	2.9	2.9	2.9	2.9	2.9	3.1	3.1
169.5°	3.8	3.7	3.5	3.0	2.9	2.9	3.0	2.9	2.9	3.1	3.1
170°	3.8	3.7	3.4	2.9	2.9	3.0	3.2	3.1	2.9	3.1	3.3
170.5°	3.8	3.6	3.1	2.9	2.9	3.1	3.3	3.3	2.9	3.3	3.6
171°	3.8	3.5	3.0	2.9	2.9	3.2	3.4	3.3	3.0	3.6	3.6
171.5°	3.7	3.4	2.9	2.8	3.0	3.2	3.4	3.3	3.3	3.5	3.5
172°	3.6	3.3	2.9	2.8	3.0	3.4	3.4	3.3	3.3	3.5	3.5
172.5°	3.6	3.3	2.9	2.8	3.1	3.4	3.4	3.3	3.3	3.5	3.5
173°	3.5	3.3	2.9	2.8	3.1	3.4	3.4	3.3	3.3	3.4	3.5
173.5°	3.4	3.2	2.9	2.9	3.1	3.4	3.4	3.4	3.3	3.4	3.5
174°	3.3	2.9	2.8	2.9	3.1	3.4	3.4	3.4	3.3	3.4	3.5
174.5°	3.3	2.8	2.8	2.9	3.3	3.4	3.4	3.3	3.4	3.4	3.5
175°	3.2	2.9	2.8	3.0	3.3	3.4	3.4	3.3	3.4	3.4	3.4
175.5°	3.2	2.9	2.8	3.0	3.3	3.4	3.4	3.4	3.4	3.4	3.4
176°	3.2	2.9	2.9	3.0	3.2	3.4	3.4	3.4	3.4	3.4	3.4
176.5°	3.2	3.0	2.9	3.0	3.2	3.4	3.4	3.3	3.3	3.4	3.4
177°	3.2	3.0	2.9	3.0	3.3	3.4	3.4	3.3	3.3	3.3	3.3
177.5°	3.1	2.9	2.9	3.0	3.2	3.4	3.4	3.3	3.3	3.3	3.2
178°	2.9	2.7	2.7	2.8	3.0	3.2	3.3	3.3	3.2	3.2	3.2
178.5°	2.9	2.7	2.7	2.8	2.9	3.0	3.1	3.1	3.2	3.2	3.2



TEST NUMBER: P563539

CATALOG NUMBER: 4NWS3C3-NUV-MED-4000K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
180°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9



TEST NUMBER: P563539

CATALOG NUMBER: 4NWS3C3-NUV-MED-4000K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
0°	1703.3	1703.3	1703.3	1703.3	1703.3	1703.3	1703.3	1703.3	1703.3	1703.3	1703.3
0.5°	1702.7	1702.7	1702.8	1702.8	1702.8	1702.8	1702.9	1702.9	1703.0	1703.0	1703.0
1°	1702.2	1702.2	1702.0	1701.6	1701.3	1701.0	1701.2	1701.6	1702.0	1702.3	1702.5
1.5°	1701.3	1701.3	1701.4	1701.2	1701.0	1701.0	1701.1	1701.4	1701.6	1701.8	1702.0
2°	1699.8	1699.9	1699.7	1699.3	1699.1	1699.0	1699.3	1699.7	1700.2	1700.6	1700.7
2.5°	1698.8	1698.7	1698.0	1697.3	1697.3	1697.6	1697.6	1697.7	1698.3	1699.1	1699.5
3°	1697.2	1697.0	1696.1	1695.8	1696.0	1696.3	1696.2	1696.2	1696.7	1697.4	1697.6
3.5°	1694.6	1694.4	1694.2	1693.6	1693.8	1694.4	1694.7	1694.9	1695.3	1695.9	1696.5
4°	1693.3	1693.1	1692.4	1691.8	1692.0	1692.6	1692.9	1693.0	1693.1	1693.8	1694.4
4.5°	1690.6	1690.2	1690.1	1690.1	1690.0	1689.7	1690.0	1690.4	1690.7	1691.8	1693.1
5°	1688.6	1688.3	1687.3	1686.9	1686.4	1686.2	1686.8	1687.8	1688.8	1690.1	1691.7
5.5°	1686.4	1685.6	1684.9	1684.3	1684.0	1684.4	1684.4	1685.1	1686.4	1688.1	1689.7
6°	1683.3	1682.6	1682.1	1681.6	1681.5	1681.1	1681.1	1681.8	1683.3	1684.6	1686.7
6.5°	1680.3	1679.1	1678.6	1678.2	1677.9	1678.2	1678.2	1679.1	1680.5	1682.1	1684.4
7°	1677.9	1676.7	1675.3	1674.5	1674.8	1675.1	1675.4	1676.3	1677.9	1679.1	1682.1
7.5°	1675.1	1673.9	1671.9	1671.3	1670.7	1670.1	1671.0	1672.4	1674.0	1676.0	1678.8
8°	1671.2	1670.2	1668.5	1667.4	1666.7	1666.9	1667.4	1668.7	1670.4	1672.3	1675.5
8.5°	1667.5	1665.6	1664.6	1663.6	1662.7	1663.0	1663.3	1664.8	1667.0	1669.0	1672.1
9°	1663.3	1661.7	1660.5	1659.1	1658.9	1658.9	1658.9	1660.3	1663.0	1665.9	1669.6
9.5°	1659.8	1658.0	1655.7	1654.8	1654.3	1654.1	1654.3	1656.1	1658.7	1661.8	1665.9
10°	1656.9	1653.8	1651.7	1650.2	1649.7	1649.7	1649.6	1651.5	1654.6	1657.9	1661.7
10.5°	1652.1	1649.6	1646.9	1645.1	1644.4	1643.7	1644.9	1647.1	1650.0	1653.7	1658.3
11°	1647.3	1644.7	1642.0	1640.4	1639.6	1639.4	1639.8	1641.7	1645.3	1648.8	1653.8
11.5°	1642.5	1639.6	1636.8	1635.0	1634.3	1633.6	1634.6	1636.7	1640.3	1645.1	1648.8
12°	1638.5	1634.5	1631.4	1629.7	1628.6	1628.2	1629.6	1632.1	1635.5	1640.6	1645.5
12.5°	1633.8	1629.6	1626.5	1624.5	1623.4	1622.1	1623.9	1626.3	1630.1	1635.1	1641.3
13°	1628.7	1624.0	1620.7	1618.4	1616.4	1616.0	1618.0	1620.5	1624.1	1629.9	1635.7
13.5°	1622.7	1618.1	1614.7	1612.0	1610.2	1610.0	1611.8	1614.1	1618.6	1624.1	1630.9
14°	1617.7	1612.6	1608.8	1606.0	1603.9	1604.5	1605.1	1608.1	1613.1	1619.5	1625.0
14.5°	1612.0	1606.3	1602.8	1599.9	1596.9	1597.4	1599.2	1601.8	1606.9	1613.6	1620.0
15°	1606.1	1600.4	1596.6	1593.0	1591.0	1590.7	1592.2	1595.8	1600.3	1607.2	1614.3
15.5°	1600.5	1594.5	1589.6	1585.9	1584.4	1583.4	1585.2	1588.7	1594.2	1601.0	1608.6
16°	1594.5	1588.2	1582.8	1578.6	1576.2	1576.1	1577.7	1581.6	1587.2	1594.4	1602.2
16.5°	1588.0	1581.5	1576.0	1571.6	1569.3	1569.5	1570.9	1574.5	1580.7	1587.9	1595.9
17°	1581.5	1574.7	1569.2	1564.7	1562.3	1561.8	1563.5	1567.2	1573.5	1581.9	1589.7
17.5°	1574.8	1567.8	1562.0	1557.3	1554.6	1553.8	1556.1	1559.6	1566.0	1574.8	1583.9
18°	1567.9	1560.3	1554.4	1549.3	1546.4	1545.4	1547.2	1552.6	1559.1	1567.7	1577.2
18.5°	1560.8	1553.3	1546.3	1540.8	1538.4	1537.9	1539.7	1544.8	1552.1	1560.6	1570.2
19°	1554.2	1545.3	1538.2	1532.8	1530.8	1529.0	1530.9	1536.2	1543.5	1553.0	1562.5
19.5°	1546.0	1537.4	1530.2	1524.5	1522.2	1520.7	1522.9	1527.8	1535.4	1545.7	1555.7
20°	1539.0	1530.1	1522.3	1516.2	1512.8	1512.2	1515.0	1519.7	1527.8	1538.1	1549.4
20.5°	1531.5	1522.0	1514.1	1507.4	1503.6	1503.2	1506.0	1511.7	1519.7	1530.3	1542.1
21°	1523.3	1514.0	1505.6	1498.5	1494.4	1494.2	1496.9	1502.6	1511.4	1522.6	1534.0



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CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
22.5°	1499.0	1488.0	1478.7	1471.6	1466.4	1465.7	1468.1	1474.3	1484.4	1497.6	1510.0
23°	1491.0	1479.2	1469.8	1462.0	1457.0	1456.7	1458.6	1465.3	1475.7	1488.9	1502.5
23.5°	1482.1	1469.8	1460.1	1452.2	1447.8	1446.0	1448.6	1455.4	1466.4	1479.6	1493.8
24°	1473.5	1460.9	1450.4	1441.6	1437.3	1435.5	1437.9	1445.9	1456.6	1470.4	1484.8
24.5°	1464.5	1451.8	1440.4	1431.4	1427.1	1424.8	1428.4	1436.8	1447.7	1461.3	1476.3
25°	1456.6	1442.4	1431.4	1421.8	1417.3	1414.6	1418.2	1426.8	1438.0	1452.2	1467.1
25.5°	1446.3	1432.6	1421.4	1411.5	1406.0	1404.1	1407.5	1415.8	1427.6	1442.4	1458.6
26°	1436.9	1422.6	1410.6	1401.2	1395.8	1393.3	1397.1	1405.4	1418.2	1433.3	1449.7
26.5°	1427.5	1413.0	1400.1	1390.5	1385.2	1382.6	1385.7	1394.9	1407.8	1423.6	1440.0
27°	1418.5	1403.6	1390.0	1379.3	1373.7	1372.1	1375.0	1383.9	1397.5	1413.4	1430.4
27.5°	1408.5	1392.5	1379.3	1368.1	1361.8	1361.2	1364.2	1372.9	1386.6	1403.9	1420.5
28°	1398.1	1382.3	1368.8	1357.1	1351.3	1349.5	1353.3	1363.0	1376.6	1393.5	1411.4
28.5°	1388.5	1372.5	1358.2	1346.8	1340.1	1337.9	1341.4	1351.5	1365.9	1382.9	1400.6
29°	1378.5	1361.5	1347.1	1335.0	1328.2	1327.2	1330.8	1339.6	1354.1	1372.0	1390.7
29.5°	1368.2	1350.5	1335.9	1323.6	1316.9	1314.8	1317.9	1328.4	1343.5	1362.1	1381.2
30°	1357.7	1339.6	1324.7	1312.2	1304.9	1303.0	1307.1	1317.3	1332.6	1351.6	1370.9
30.5°	1346.9	1329.0	1313.4	1300.5	1293.7	1291.1	1295.0	1305.4	1320.9	1340.3	1360.1
31°	1336.3	1317.9	1302.0	1288.9	1281.7	1279.1	1283.6	1294.1	1309.7	1329.2	1350.0
31.5°	1325.4	1306.8	1290.5	1277.0	1269.4	1266.8	1271.3	1282.5	1298.6	1318.6	1339.0
32°	1314.2	1295.8	1279.1	1264.7	1257.0	1254.4	1259.0	1270.2	1287.4	1307.5	1328.4
32.5°	1303.9	1284.5	1267.2	1252.2	1244.6	1242.0	1246.8	1257.9	1275.6	1296.5	1317.5
33°	1292.5	1272.6	1255.3	1239.8	1232.2	1229.6	1234.5	1245.6	1263.5	1285.2	1306.9
33.5°	1280.8	1260.7	1243.4	1227.3	1219.8	1217.3	1222.2	1233.4	1251.4	1273.7	1295.8
34°	1271.0	1248.9	1231.6	1215.6	1206.6	1204.7	1208.9	1220.9	1239.3	1262.0	1284.6
34.5°	1259.1	1237.2	1219.6	1203.8	1194.3	1191.6	1196.5	1209.1	1227.3	1250.2	1273.8
35°	1247.2	1225.2	1206.3	1191.1	1181.8	1178.7	1184.1	1196.8	1215.2	1238.4	1262.3
35.5°	1235.3	1213.2	1194.1	1178.7	1169.2	1166.1	1171.3	1184.5	1202.7	1226.6	1250.8
36°	1223.4	1201.4	1182.1	1165.4	1155.9	1153.1	1158.2	1170.6	1190.3	1214.9	1239.3
36.5°	1211.4	1189.0	1168.7	1152.5	1142.5	1140.2	1145.2	1158.4	1177.6	1202.0	1227.8
37°	1199.3	1176.0	1156.3	1140.0	1129.4	1126.6	1132.0	1145.9	1165.2	1189.7	1215.8
37.5°	1187.2	1163.6	1143.7	1127.2	1117.3	1113.7	1119.2	1132.6	1152.2	1177.1	1203.7
38°	1174.6	1150.9	1130.6	1113.4	1103.4	1101.1	1105.8	1119.9	1140.0	1164.9	1190.9
38.5°	1162.4	1138.6	1117.8	1100.7	1090.5	1087.0	1092.9	1106.8	1127.1	1152.7	1178.9
39°	1150.2	1126.2	1104.7	1087.5	1077.4	1074.3	1080.1	1094.0	1114.4	1140.2	1166.8
39.5°	1137.5	1113.8	1092.2	1074.4	1064.5	1060.8	1066.2	1080.5	1101.3	1127.3	1154.7
40°	1125.4	1100.7	1079.2	1061.6	1050.8	1047.6	1053.4	1067.5	1088.2	1114.7	1142.2
40.5°	1112.9	1087.9	1066.2	1048.2	1037.3	1034.3	1039.4	1053.8	1075.9	1102.0	1130.1
41°	1100.3	1074.9	1053.0	1034.6	1024.1	1020.8	1026.9	1041.2	1062.5	1089.3	1117.2
41.5°	1087.4	1062.2	1040.1	1021.8	1010.8	1007.8	1013.0	1028.1	1049.7	1076.6	1104.7
42°	1074.5	1049.0	1026.6	1008.5	997.0	994.1	1000.1	1014.4	1036.5	1063.3	1092.7
42.5°	1062.2	1036.5	1013.5	995.2	983.9	981.0	986.6	1001.5	1023.8	1050.2	1079.2
43°	1049.6	1023.0	1000.6	981.9	970.1	967.9	973.7	988.4	1010.6	1037.8	1066.9
43.5°	1036.4	1010.2	987.3	968.3	957.4	954.1	960.0	974.6	996.7	1024.9	1054.0



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CATALOG NUMBER: 4NWS3C3-NUV-MED-4000K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
45°	997.4	970.3	947.2	928.6	917.7	913.9	919.5	935.0	956.9	985.6	1015.4
45.5°	984.3	957.5	934.6	915.2	904.2	900.8	906.8	921.9	943.9	972.3	1002.2
46°	971.3	944.5	920.9	902.2	890.7	888.1	893.7	908.9	931.3	959.2	989.4
46.5°	958.0	931.3	907.9	888.9	877.6	874.6	880.3	895.9	918.3	946.1	976.0
47°	945.1	917.7	894.5	875.7	864.0	861.2	867.3	882.2	904.8	932.8	963.5
47.5°	931.6	904.7	881.6	862.6	851.1	848.4	854.1	869.1	891.5	919.7	950.1
48°	918.1	891.8	867.8	849.3	838.2	834.9	840.5	855.7	878.3	906.3	936.7
48.5°	904.9	878.4	855.1	836.4	825.3	821.9	827.9	842.7	865.1	893.3	923.2
49°	892.0	865.1	841.9	823.5	811.8	808.8	815.1	830.0	852.6	880.6	910.1
49.5°	879.4	851.9	829.2	810.6	798.8	796.4	802.0	817.0	838.9	867.2	897.4
50°	865.0	838.8	815.7	797.3	785.9	783.2	789.5	803.7	826.4	853.8	884.4
50.5°	852.5	825.6	802.0	784.1	773.5	770.5	775.8	790.5	813.0	840.6	871.0
51°	839.0	812.1	789.6	771.5	760.3	758.3	763.4	777.9	799.7	827.5	858.0
51.5°	825.5	799.2	776.9	758.9	747.6	745.2	750.9	765.6	787.1	814.6	844.5
52°	812.0	786.6	764.0	746.3	735.0	732.5	738.2	753.1	774.4	802.1	831.4
52.5°	798.9	773.5	751.2	733.4	722.7	720.6	725.5	740.3	761.8	789.0	818.2
53°	785.8	760.4	737.9	720.5	710.0	708.0	713.2	727.5	748.8	775.8	805.1
53.5°	772.7	747.4	725.0	708.0	697.4	695.3	701.2	714.7	736.2	762.9	792.6
54°	759.6	734.6	712.2	695.6	685.1	682.3	688.0	701.9	723.2	749.8	779.3
54.5°	746.5	721.2	699.6	682.9	672.7	670.6	676.2	689.6	710.7	736.8	765.7
55°	733.2	708.0	687.1	670.7	660.3	658.2	663.6	677.3	697.9	724.3	752.6
55.5°	720.5	695.5	674.4	658.2	648.7	646.4	651.8	664.9	685.3	711.4	739.2
56°	707.1	682.6	661.7	646.0	636.3	634.4	639.7	652.4	672.6	698.6	726.5
56.5°	693.8	669.5	649.6	633.9	623.9	622.0	627.7	640.6	660.5	685.8	713.2
57°	680.9	657.0	636.9	621.7	612.1	610.5	615.7	628.7	647.8	672.8	700.3
57.5°	667.4	644.6	624.9	609.3	600.1	598.3	603.3	616.1	635.6	660.0	687.1
58°	654.6	631.7	612.3	597.4	588.7	586.7	591.9	604.1	623.1	647.2	674.2
58.5°	641.4	619.4	600.2	585.4	576.8	575.2	580.1	592.2	611.1	634.9	661.7
59°	628.5	606.8	587.8	573.7	564.9	563.3	568.3	580.5	598.9	622.4	648.7
59.5°	615.7	594.0	576.1	561.7	553.0	551.6	557.3	568.7	587.0	609.8	635.7
60°	602.7	581.9	564.2	549.8	542.1	540.7	545.4	556.8	574.7	597.4	622.4
60.5°	590.0	569.4	552.0	538.1	530.4	528.9	533.7	545.1	562.9	585.0	609.4
61°	576.9	557.1	539.9	526.6	518.8	517.6	522.2	533.6	550.8	572.7	597.0
61.5°	564.2	544.8	528.2	515.5	508.3	506.5	511.3	522.3	539.2	560.3	583.9
62°	551.1	532.5	516.7	503.8	496.5	495.4	500.0	511.0	527.2	548.3	571.2
62.5°	538.9	520.5	504.7	492.4	485.2	484.5	488.8	499.5	515.6	536.2	558.6
63°	526.3	508.5	492.7	480.9	474.3	473.3	477.7	488.1	503.8	523.9	546.0
63.5°	513.9	496.2	481.2	469.7	463.6	462.4	466.8	476.9	492.3	512.1	533.7
64°	501.0	484.2	470.3	458.7	452.6	451.7	455.7	465.9	480.6	500.1	521.0
64.5°	488.6	472.3	458.5	447.5	441.5	441.0	445.1	454.7	469.2	487.9	508.6
65°	476.3	460.5	447.1	436.7	431.1	430.2	434.4	443.9	458.0	476.1	496.1
65.5°	463.9	448.8	436.2	426.0	420.3	419.6	423.8	432.9	447.0	464.2	483.8
66°	451.9	437.2	425.1	414.8	409.4	408.8	412.7	421.8	435.4	452.6	471.3



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CATALOG NUMBER: 4NWS3C3-NUV-MED-4000K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
67.5°	414.8	402.0	391.2	382.9	378.3	377.8	381.6	389.9	402.0	417.6	434.3
68°	402.7	390.7	380.3	372.2	368.2	367.8	371.4	379.4	390.9	406.1	422.6
68.5°	391.0	379.2	369.4	362.0	358.0	357.4	361.2	369.1	380.3	394.8	410.8
69°	379.0	367.8	358.8	351.7	347.8	347.6	350.9	358.6	369.5	383.4	398.9
69.5°	367.1	356.7	348.0	341.2	337.4	337.4	340.8	348.2	358.7	371.9	386.8
70°	355.5	345.6	337.5	330.9	327.7	327.8	331.0	337.9	347.9	360.6	374.8
70.5°	343.4	334.5	326.8	321.0	318.0	318.1	321.2	327.7	337.3	349.7	362.7
71°	331.9	323.5	316.6	311.1	308.2	308.3	311.3	317.7	326.9	338.5	351.5
71.5°	320.5	312.6	306.2	301.1	298.4	298.6	301.7	307.7	316.6	327.6	339.6
72°	309.1	302.0	295.9	291.2	288.9	289.4	292.2	297.9	306.3	316.8	328.2
72.5°	297.5	291.2	285.8	281.5	279.5	279.7	282.7	288.2	296.1	305.9	316.5
73°	286.4	280.7	275.7	271.8	269.9	270.4	273.1	278.5	285.6	295.2	305.7
73.5°	275.2	270.1	265.5	262.3	260.8	261.1	263.9	268.7	275.8	284.5	294.1
74°	264.0	259.6	255.9	253.0	251.4	252.4	254.7	259.3	265.9	274.2	282.9
74.5°	253.1	249.4	246.0	243.8	242.5	243.3	245.7	250.1	256.2	263.7	271.6
75°	242.4	239.4	236.6	234.4	233.5	234.3	236.6	240.7	246.4	253.3	261.1
75.5°	231.9	229.4	226.9	225.4	224.7	225.5	227.6	231.5	236.7	243.1	250.1
76°	221.1	219.5	217.9	216.4	215.8	216.8	218.8	222.6	227.4	233.0	239.4
76.5°	210.7	209.6	208.5	207.6	207.3	208.2	210.2	213.6	217.9	223.0	228.7
77°	200.6	200.0	199.7	199.0	198.8	199.8	201.7	204.8	208.7	213.2	218.3
77.5°	190.3	190.6	190.5	190.5	190.7	191.6	193.6	196.1	199.7	203.6	207.5
78°	180.4	181.5	181.8	182.1	182.7	183.6	185.2	187.8	190.9	194.2	197.5
78.5°	170.9	172.7	173.3	173.9	174.7	175.7	177.3	179.5	182.0	184.9	187.4
79°	161.3	163.5	164.9	165.9	166.8	168.0	169.4	171.4	173.4	175.6	177.7
79.5°	152.2	155.0	156.9	158.2	159.2	160.4	162.0	163.5	165.1	166.7	167.7
80°	143.3	147.0	149.4	150.9	152.3	153.2	154.4	155.6	157.2	157.9	158.5
80.5°	134.4	139.0	141.9	143.9	145.3	146.3	147.4	148.3	149.6	149.6	149.6
81°	125.5	130.9	134.4	136.8	138.4	139.4	140.4	141.3	142.0	141.6	140.8
81.5°	117.1	122.9	126.8	129.7	131.5	132.5	133.5	134.3	134.5	133.5	132.0
82°	109.4	115.1	119.4	122.6	124.5	125.7	126.6	127.2	126.9	125.5	123.2
82.5°	101.4	108.0	112.5	115.8	118.0	119.3	120.1	120.3	119.4	117.7	114.5
83°	93.8	100.7	105.7	109.3	111.7	113.0	113.7	113.6	112.4	110.2	106.6
83.5°	86.6	93.8	99.2	103.0	105.3	106.7	107.4	107.1	105.7	102.9	98.8
84°	79.6	87.2	92.9	96.9	99.4	100.9	101.4	100.9	99.1	95.9	91.3
84.5°	72.9	81.0	86.9	91.0	93.6	95.1	95.5	94.8	92.8	89.2	83.9
85°	66.7	74.9	81.0	85.3	88.1	89.5	89.8	89.0	86.6	82.7	77.1
85.5°	60.7	69.1	75.4	79.8	82.6	84.0	84.2	83.4	80.8	76.6	70.5
86°	55.1	63.5	70.0	74.6	77.5	78.9	79.2	78.0	75.1	70.6	64.3
86.5°	49.7	58.4	65.0	69.6	72.5	73.9	74.1	72.8	69.8	64.9	58.2
87°	44.9	53.5	60.1	64.8	67.9	69.3	69.3	67.8	64.7	59.6	52.7
87.5°	40.3	48.9	55.6	60.4	63.4	64.8	64.7	63.2	59.9	54.6	47.5
88°	36.1	44.7	51.3	56.2	59.1	60.4	60.4	58.8	55.3	50.0	42.7
88.5°	32.3	40.7	47.3	52.1	55.0	56.4	56.3	54.5	51.0	45.6	38.3



TEST NUMBER: P563539

CATALOG NUMBER: 4NWS3C3-NUV-MED-4000K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
90°	23.0	30.7	36.9	41.5	44.4	45.6	45.4	43.4	39.7	34.2	27.0
90.5°	20.7	27.9	34.0	38.5	41.3	42.5	42.1	40.2	36.5	31.1	24.1
91°	18.6	25.5	31.3	35.7	38.4	39.6	39.2	37.2	33.6	28.2	21.5
91.5°	16.9	23.4	28.9	33.1	35.8	36.9	36.5	34.5	30.9	25.7	19.2
92°	15.8	21.5	26.8	30.8	33.4	34.4	34.0	32.0	28.5	23.5	17.3
92.5°	14.8	19.9	24.8	28.7	31.2	32.1	31.7	29.8	26.3	21.5	16.1
93°	13.8	18.5	23.2	26.8	29.2	30.1	29.7	27.8	24.4	19.8	15.0
93.5°	12.8	17.3	21.8	25.2	27.4	28.3	27.8	26.0	22.8	18.4	13.8
94°	11.7	16.4	20.6	23.8	25.9	26.7	26.2	24.4	21.3	17.2	12.7
94.5°	11.2	15.6	19.5	22.6	24.5	25.2	24.8	23.0	20.1	16.1	11.6
95°	10.7	14.9	18.6	21.5	23.3	24.0	23.5	21.8	19.0	15.2	11.0
95.5°	10.3	14.3	17.8	20.5	22.3	22.8	22.4	20.8	18.0	14.5	10.5
96°	10.0	13.8	17.1	19.6	21.3	21.8	21.4	19.8	17.2	13.9	10.2
96.5°	9.7	13.4	16.4	18.8	20.4	21.0	20.5	19.0	16.5	13.4	9.7
97°	9.5	13.0	15.9	18.2	19.6	20.2	19.7	18.4	16.0	12.9	9.3
97.5°	9.3	12.6	15.4	17.6	18.9	19.4	19.1	17.8	15.5	12.4	8.9
98°	9.2	12.2	14.9	17.0	18.3	18.8	18.5	17.3	15.1	11.9	8.5
98.5°	9.0	11.9	14.5	16.5	17.8	18.3	18.0	16.7	14.5	11.4	8.2
99°	8.9	11.7	14.2	16.1	17.3	17.8	17.4	16.2	14.1	11.0	8.1
99.5°	8.8	11.5	13.8	15.7	16.8	17.3	16.9	15.7	13.6	10.7	8.0
100°	8.7	11.3	13.6	15.3	16.4	16.8	16.4	15.2	13.2	10.4	7.9
100.5°	8.6	11.2	13.3	15.0	16.0	16.4	15.9	14.7	12.8	10.2	7.8
101°	8.4	11.0	13.1	14.7	15.7	16.0	15.5	14.3	12.4	10.1	7.7
101.5°	8.3	10.9	12.9	14.4	15.3	15.7	15.2	14.0	12.1	9.9	7.6
102°	8.1	10.7	12.7	14.1	15.0	15.3	14.8	13.7	11.9	9.8	7.5
102.5°	8.0	10.6	12.5	13.9	14.7	15.0	14.5	13.5	11.8	9.7	7.3
103°	7.8	10.4	12.2	13.7	14.5	14.8	14.3	13.3	11.6	9.6	7.1
103.5°	7.6	10.3	12.1	13.5	14.3	14.6	14.2	13.2	11.4	9.5	6.9
104°	7.5	10.1	11.9	13.3	14.1	14.4	14.0	13.0	11.3	9.4	6.7
104.5°	7.3	9.9	11.8	13.1	13.9	14.2	13.8	12.8	11.2	9.2	6.5
105°	7.1	9.7	11.6	12.9	13.7	14.0	13.6	12.6	11.1	9.0	6.4
105.5°	7.0	9.5	11.4	12.7	13.5	13.8	13.5	12.5	10.9	8.8	6.2
106°	6.8	9.3	11.2	12.5	13.3	13.6	13.3	12.3	10.8	8.6	6.0
106.5°	6.7	9.1	10.9	12.3	13.0	13.5	13.1	12.1	10.6	8.3	5.8
107°	6.5	8.9	10.7	12.0	12.8	13.2	12.9	11.9	10.3	8.1	5.7
107.5°	6.4	8.7	10.4	11.8	12.6	13.0	12.7	11.7	10.1	7.9	5.5
108°	6.2	8.5	10.2	11.6	12.4	12.7	12.4	11.5	9.8	7.7	5.4
108.5°	6.0	8.3	10.0	11.3	12.1	12.5	12.2	11.2	9.6	7.5	5.2
109°	5.9	8.1	9.8	11.1	11.9	12.2	12.0	10.9	9.3	7.3	5.1
109.5°	5.7	8.0	9.6	10.8	11.6	12.0	11.7	10.6	9.0	7.1	5.0
110°	5.5	7.8	9.4	10.6	11.3	11.7	11.4	10.4	8.8	6.9	4.9
110.5°	5.4	7.6	9.1	10.3	11.1	11.4	11.1	10.1	8.6	6.7	4.7
111°	5.2	7.4	9.0	10.1	10.8	11.1	10.9	9.9	8.3	6.6	4.5



TEST NUMBER: P563539

CATALOG NUMBER: 4NWS3C3-NUV-MED-4000K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
112.5°	4.6	6.7	8.4	9.4	10.1	10.4	10.1	9.2	7.7	6.1	4.1
113°	4.5	6.6	8.2	9.2	9.9	10.1	9.9	8.9	7.5	6.0	4.0
113.5°	4.3	6.4	8.0	9.0	9.6	9.9	9.6	8.7	7.3	5.8	3.8
114°	4.1	6.1	7.8	8.8	9.4	9.7	9.4	8.5	7.1	5.7	3.7
114.5°	4.0	5.9	7.6	8.6	9.2	9.4	9.2	8.3	7.0	5.5	3.6
115°	3.9	5.7	7.4	8.4	9.0	9.2	9.0	8.1	6.8	5.4	3.5
115.5°	3.8	5.5	7.2	8.3	8.8	8.9	8.7	7.9	6.6	5.1	3.4
116°	3.8	5.3	7.0	8.1	8.6	8.7	8.5	7.6	6.4	4.9	3.3
116.5°	3.7	5.1	6.7	7.9	8.4	8.5	8.3	7.4	6.2	4.8	3.3
117°	3.6	4.9	6.5	7.6	8.3	8.3	8.1	7.2	6.0	4.6	3.2
117.5°	3.6	4.7	6.3	7.4	8.0	8.1	7.8	7.0	5.8	4.5	3.2
118°	3.5	4.6	6.0	7.2	7.8	7.9	7.6	6.8	5.6	4.3	3.1
118.5°	3.5	4.4	5.8	7.0	7.6	7.7	7.4	6.6	5.3	4.2	3.0
119°	3.3	4.3	5.6	6.7	7.4	7.5	7.2	6.4	5.1	4.1	2.9
119.5°	3.2	4.2	5.3	6.5	7.2	7.3	7.0	6.1	4.9	3.9	2.7
120°	3.1	4.1	5.1	6.2	6.9	7.1	6.8	5.9	4.8	3.8	2.6
120.5°	3.0	4.0	5.0	6.0	6.6	6.8	6.5	5.7	4.6	3.7	2.6
121°	2.8	3.9	4.8	5.7	6.4	6.5	6.3	5.5	4.4	3.6	2.5
121.5°	2.8	3.8	4.7	5.5	6.1	6.3	6.0	5.2	4.3	3.5	2.5
122°	2.8	3.8	4.5	5.3	5.9	6.0	5.8	5.1	4.2	3.5	2.5
122.5°	2.8	3.7	4.4	5.1	5.7	5.8	5.6	4.9	4.1	3.3	2.5
123°	2.9	3.6	4.3	5.0	5.4	5.6	5.4	4.8	3.9	3.2	2.6
123.5°	2.9	3.5	4.2	4.8	5.3	5.4	5.2	4.6	3.8	3.0	2.6
124°	3.0	3.3	4.1	4.7	5.1	5.2	5.0	4.5	3.7	2.8	2.7
124.5°	3.0	3.2	3.9	4.6	4.9	5.0	4.9	4.4	3.6	2.7	2.7
125°	3.1	3.0	3.8	4.5	4.8	4.9	4.7	4.3	3.6	2.6	2.7
125.5°	3.2	2.8	3.8	4.3	4.7	4.7	4.6	4.2	3.5	2.5	2.8
126°	3.2	2.7	3.7	4.2	4.5	4.6	4.5	4.1	3.3	2.4	2.8
126.5°	3.3	2.7	3.5	4.1	4.4	4.5	4.4	4.0	3.1	2.3	2.9
127°	3.3	2.8	3.4	4.0	4.3	4.4	4.3	3.9	3.0	2.3	2.9
127.5°	3.4	2.8	3.2	3.9	4.2	4.3	4.2	3.8	2.8	2.4	2.9
128°	3.4	2.9	3.0	3.8	4.1	4.2	4.1	3.6	2.7	2.4	2.9
128.5°	3.5	2.9	2.9	3.6	4.0	4.1	4.0	3.4	2.6	2.5	2.9
129°	3.6	3.0	2.7	3.4	3.9	4.0	3.9	3.2	2.5	2.5	2.9
129.5°	3.6	3.0	2.7	3.3	3.7	3.9	3.7	3.1	2.5	2.6	3.0
130°	3.6	3.1	2.7	3.1	3.5	3.7	3.5	2.9	2.5	2.6	3.0
130.5°	3.7	3.1	2.8	2.9	3.4	3.5	3.3	2.8	2.5	2.7	3.0
131°	3.7	3.2	2.8	2.8	3.2	3.3	3.1	2.7	2.6	2.7	3.0
131.5°	3.7	3.2	2.9	2.7	3.0	3.1	3.0	2.6	2.6	2.8	3.0
132°	3.8	3.3	2.9	2.7	2.8	3.0	2.8	2.6	2.7	2.8	3.1
132.5°	3.8	3.3	3.0	2.7	2.7	2.8	2.7	2.6	2.7	2.9	3.1
133°	3.9	3.4	3.0	2.8	2.7	2.6	2.6	2.7	2.8	2.9	3.2
133.5°	4.0	3.4	3.0	2.8	2.7	2.6	2.7	2.7	2.8	3.0	3.3



TEST NUMBER: P563539

CATALOG NUMBER: 4NWS3C3-NUV-MED-4000K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
135°	4.2	3.6	3.2	2.9	2.8	2.7	2.8	2.8	2.9	3.2	3.6
135.5°	4.3	3.7	3.2	3.0	2.9	2.8	2.8	2.9	3.0	3.3	3.6
136°	4.3	3.7	3.3	3.0	2.9	2.8	2.9	2.9	3.0	3.3	3.7
136.5°	4.4	3.8	3.3	3.1	2.9	2.9	2.9	3.0	3.1	3.4	3.7
137°	4.4	3.8	3.4	3.1	3.0	2.9	3.0	3.0	3.2	3.4	3.7
137.5°	4.4	3.9	3.4	3.2	3.0	3.0	3.0	3.0	3.2	3.5	3.6
138°	4.3	4.0	3.5	3.2	3.1	3.0	3.1	3.1	3.3	3.6	3.6
138.5°	4.2	4.1	3.6	3.3	3.1	3.0	3.1	3.1	3.4	3.7	3.5
139°	4.2	4.1	3.6	3.3	3.2	3.1	3.2	3.2	3.4	3.8	3.5
139.5°	4.2	4.2	3.7	3.4	3.2	3.1	3.2	3.3	3.5	3.8	3.4
140°	4.2	4.2	3.7	3.4	3.3	3.2	3.2	3.3	3.6	3.9	3.4
140.5°	4.2	4.3	3.8	3.5	3.3	3.2	3.3	3.4	3.7	3.9	3.4
141°	4.2	4.3	4.0	3.5	3.3	3.3	3.4	3.4	3.8	3.9	3.4
141.5°	4.1	4.4	4.1	3.6	3.4	3.3	3.4	3.5	3.9	3.9	3.4
142°	4.2	4.3	4.1	3.7	3.4	3.4	3.5	3.6	4.0	3.9	3.4
142.5°	4.2	4.2	4.2	3.8	3.5	3.4	3.5	3.7	4.0	3.8	3.4
143°	4.2	4.1	4.2	3.9	3.6	3.5	3.6	3.8	4.0	3.7	3.4
143.5°	4.2	4.1	4.2	4.0	3.7	3.6	3.7	4.0	4.0	3.7	3.5
144°	4.2	4.1	4.3	4.1	3.8	3.7	3.9	4.1	4.1	3.7	3.4
144.5°	4.2	4.1	4.3	4.2	4.0	3.9	4.0	4.1	4.1	3.7	3.4
145°	4.1	4.1	4.3	4.2	4.1	4.0	4.1	4.1	4.0	3.6	3.4
145.5°	4.1	4.1	4.1	4.2	4.1	4.1	4.1	4.2	3.9	3.6	3.4
146°	4.1	4.1	4.0	4.3	4.2	4.2	4.2	4.2	3.8	3.6	3.4
146.5°	4.2	4.1	4.0	4.3	4.2	4.2	4.2	4.2	3.8	3.6	3.4
147°	4.2	4.1	4.0	4.2	4.3	4.3	4.3	4.1	3.8	3.6	3.4
147.5°	4.2	4.1	4.0	4.1	4.3	4.3	4.3	4.0	3.8	3.6	3.4
148°	4.2	4.1	4.0	4.0	4.2	4.3	4.2	3.9	3.8	3.6	3.4
148.5°	4.2	4.1	4.0	4.0	4.1	4.2	4.1	3.9	3.8	3.6	3.4
149°	4.2	4.0	4.0	4.0	4.0	4.1	4.0	3.9	3.8	3.6	3.4
149.5°	4.2	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.8	3.5	3.4
150°	4.2	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.8	3.5	3.4
150.5°	4.1	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.8	3.5	3.4
151°	4.1	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.7	3.5	3.4
151.5°	4.2	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.7	3.5	3.4
152°	4.3	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.7	3.5	3.4
152.5°	4.4	4.0	3.9	4.0	4.0	4.0	4.0	3.9	3.7	3.5	3.4
153°	4.3	4.0	3.9	4.0	4.0	4.0	4.0	3.9	3.7	3.5	3.4
153.5°	4.4	4.0	3.9	3.9	4.0	4.0	4.0	3.9	3.7	3.5	3.4
154°	4.4	4.0	3.9	3.9	3.9	4.0	3.9	3.9	3.7	3.5	3.5
154.5°	4.4	4.1	3.9	3.9	3.9	4.0	3.9	3.8	3.7	3.5	3.5
155°	4.5	4.1	3.9	3.9	3.9	4.0	3.9	3.8	3.7	3.5	3.5
155.5°	4.3	4.2	3.9	3.9	3.9	3.9	3.9	3.8	3.7	3.6	3.5
156°	4.2	4.2	4.0	3.9	3.9	3.9	3.9	3.8	3.7	3.6	3.6



TEST NUMBER: P563539

CATALOG NUMBER: 4NWS3C3-NUV-MED-4000K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
157.5°	4.5	4.2	4.1	3.9	3.9	3.9	3.9	3.9	3.8	3.7	3.7
158°	4.3	4.1	4.1	4.0	3.9	3.9	3.9	3.9	3.9	3.8	3.7
158.5°	4.0	4.1	4.2	4.0	3.9	3.9	3.9	4.0	3.9	3.9	3.7
159°	3.9	4.0	4.2	4.1	4.0	4.0	4.0	4.0	4.0	3.9	3.8
159.5°	3.9	4.0	4.3	4.1	4.0	4.0	4.0	4.0	4.1	4.0	3.8
160°	3.9	4.1	4.3	4.2	4.1	4.0	4.0	4.1	4.1	4.0	3.9
160.5°	3.9	4.1	4.3	4.2	4.1	4.1	4.1	4.1	4.2	4.1	3.9
161°	3.9	4.0	4.2	4.3	4.2	4.1	4.1	4.2	4.2	4.1	4.0
161.5°	3.8	3.9	4.1	4.4	4.2	4.2	4.2	4.3	4.3	4.2	4.0
162°	3.8	3.9	4.1	4.4	4.3	4.3	4.3	4.3	4.4	4.2	4.0
162.5°	3.8	3.9	4.1	4.4	4.4	4.3	4.3	4.4	4.4	4.3	4.0
163°	3.7	3.9	4.1	4.4	4.4	4.4	4.4	4.4	4.5	4.3	4.0
163.5°	3.7	3.8	4.0	4.3	4.5	4.4	4.5	4.5	4.5	4.3	4.1
164°	3.7	3.8	3.8	4.2	4.5	4.5	4.5	4.5	4.5	4.4	4.0
164.5°	3.7	3.8	3.8	4.1	4.5	4.5	4.6	4.6	4.5	4.4	3.5
165°	3.6	3.8	3.8	4.1	4.5	4.6	4.6	4.6	4.5	4.1	3.3
165.5°	3.6	3.8	3.8	4.0	4.5	4.6	4.6	4.7	4.5	3.5	3.8
166°	3.5	3.8	3.8	3.9	4.4	4.6	4.6	4.7	4.4	3.6	4.0
166.5°	3.5	3.8	3.8	3.8	4.4	4.6	4.7	4.7	4.5	4.1	3.5
167°	3.5	4.0	3.9	3.8	4.3	4.6	4.7	4.7	4.0	4.0	3.1
167.5°	3.5	4.1	3.9	3.7	4.2	4.6	4.6	4.7	3.5	3.3	3.6
168°	3.6	4.1	4.0	3.7	4.1	4.6	4.6	4.6	3.9	3.1	3.9
168.5°	3.7	4.1	4.3	3.7	3.9	4.6	4.6	4.6	4.3	3.9	3.7
169°	3.7	4.1	4.3	3.8	3.7	4.5	4.5	4.5	3.4	4.0	3.6
169.5°	3.6	4.0	4.2	3.9	3.6	4.4	4.5	4.2	3.0	3.9	3.8
170°	3.7	3.9	4.1	4.0	3.6	4.3	4.5	3.6	4.0	4.0	3.8
170.5°	3.7	3.9	4.0	4.1	3.6	4.2	4.4	3.5	4.1	4.0	3.8
171°	3.7	3.8	4.0	4.1	3.6	4.1	4.4	3.5	3.9	4.0	3.7
171.5°	3.7	3.8	3.9	4.0	3.6	3.9	4.3	3.0	4.0	3.9	3.7
172°	3.6	3.7	3.8	4.0	3.8	3.5	4.2	3.2	4.0	3.9	3.7
172.5°	3.6	3.7	3.8	3.9	3.8	3.4	4.0	3.7	3.9	3.8	3.6
173°	3.5	3.6	3.7	3.8	3.8	3.4	3.9	3.7	3.8	3.7	3.5
173.5°	3.5	3.6	3.7	3.8	3.8	3.3	3.3	3.8	3.7	3.5	3.4
174°	3.5	3.6	3.6	3.7	3.7	3.3	2.8	3.7	3.6	3.5	3.4
174.5°	3.5	3.5	3.6	3.6	3.7	3.2	2.6	3.6	3.5	3.4	3.3
175°	3.5	3.5	3.5	3.6	3.6	3.1	3.1	3.5	3.4	3.3	3.3
175.5°	3.4	3.5	3.5	3.5	3.6	3.2	3.4	3.4	3.3	3.3	3.3
176°	3.4	3.4	3.4	3.5	3.5	3.1	3.4	3.3	3.3	3.3	3.3
176.5°	3.4	3.4	3.4	3.4	3.4	3.1	3.3	3.2	3.3	3.3	3.2
177°	3.3	3.3	3.3	3.2	3.1	3.3	3.3	3.3	3.3	3.3	3.2
177.5°	3.2	3.2	3.2	3.2	3.2	1.3	3.2	3.2	3.2	3.2	3.2
178°	3.2	3.2	3.2	3.2	3.3	1.9	3.3	3.2	3.2	3.2	3.2
178.5°	3.2	3.3	3.3	3.2	3.0	2.5	3.0	3.2	3.3	3.2	3.2



TEST NUMBER: P563539

CATALOG NUMBER: 4NWS3C3-NUV-MED-4000K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
180°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9



TEST NUMBER: P563539

CATALOG NUMBER: 4NWS3C3-NUV-MED-4000K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
0°	1703.3	1703.3	1703.3	1703.3
0.5°	1703.0	1702.9	1702.9	1702.9
1°	1702.7	1702.7	1702.7	1702.7
1.5°	1702.3	1702.4	1702.4	1702.8
2°	1700.9	1701.6	1702.2	1702.5
2.5°	1699.4	1699.8	1701.2	1701.8
3°	1698.2	1699.2	1700.5	1700.6
3.5°	1697.4	1698.9	1699.3	1699.5
4°	1696.2	1698.0	1698.0	1698.8
4.5°	1693.8	1695.8	1696.2	1696.9
5°	1692.5	1693.7	1695.1	1695.8
5.5°	1691.2	1691.9	1693.5	1694.7
6°	1688.5	1690.7	1691.6	1693.4
6.5°	1685.9	1687.4	1689.7	1691.6
7°	1684.6	1685.2	1688.3	1689.9
7.5°	1681.5	1683.5	1684.6	1687.5
8°	1678.2	1680.5	1683.3	1685.8
8.5°	1674.8	1677.4	1680.8	1682.6
9°	1672.0	1674.4	1677.7	1680.8
9.5°	1668.8	1671.4	1674.6	1677.7
10°	1664.7	1667.4	1671.7	1674.3
10.5°	1661.4	1664.9	1667.7	1671.2
11°	1657.4	1661.9	1665.4	1667.7
11.5°	1653.4	1657.9	1662.2	1664.1
12°	1649.5	1653.9	1658.8	1660.7
12.5°	1644.8	1649.6	1654.5	1657.4
13°	1640.1	1645.2	1650.5	1653.4
13.5°	1635.6	1640.7	1646.6	1649.1
14°	1630.7	1636.4	1641.8	1644.9
14.5°	1625.5	1632.3	1637.2	1640.8
15°	1620.3	1627.0	1632.5	1636.0
15.5°	1614.7	1621.5	1627.6	1631.7
16°	1609.0	1616.4	1623.2	1626.4
16.5°	1603.2	1610.7	1618.5	1620.6
17°	1597.7	1605.2	1612.6	1615.2
17.5°	1591.7	1599.6	1606.4	1610.7
18°	1585.8	1594.1	1600.8	1605.7
18.5°	1579.6	1588.4	1595.3	1599.5
19°	1572.9	1582.1	1589.4	1593.5
19.5°	1565.4	1575.7	1583.3	1587.5
20°	1558.6	1569.1	1576.8	1581.6
20.5°	1552.2	1562.0	1570.5	1575.5
21°	1545.6	1555.0	1563.6	1569.5



TEST NUMBER: P563539

CATALOG NUMBER: 4NWS3C3-NUV-MED-4000K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
22.5°	1522.3	1533.8	1543.5	1548.6
23°	1514.4	1526.4	1536.0	1542.5
23.5°	1506.6	1518.6	1528.4	1534.7
24°	1498.5	1511.0	1521.0	1527.3
24.5°	1490.0	1503.1	1513.6	1520.3
25°	1481.9	1494.8	1506.0	1512.8
25.5°	1472.7	1487.0	1497.6	1504.7
26°	1464.9	1478.5	1489.6	1496.8
26.5°	1455.8	1469.9	1481.4	1488.5
27°	1446.9	1461.4	1472.7	1480.3
27.5°	1437.4	1453.3	1464.2	1472.1
28°	1428.3	1443.6	1455.8	1463.2
28.5°	1418.7	1434.6	1446.9	1454.6
29°	1408.5	1425.2	1438.0	1446.6
29.5°	1399.7	1415.6	1428.7	1437.7
30°	1389.9	1406.7	1419.5	1428.2
30.5°	1379.6	1396.7	1410.3	1419.3
31°	1369.0	1387.3	1400.9	1410.2
31.5°	1359.4	1376.8	1391.1	1400.6
32°	1348.7	1366.9	1381.0	1390.3
32.5°	1338.5	1356.7	1371.2	1380.5
33°	1328.2	1346.9	1361.0	1371.0
33.5°	1317.9	1337.1	1350.8	1360.8
34°	1306.5	1326.3	1340.6	1350.3
34.5°	1295.9	1315.2	1329.8	1339.6
35°	1285.2	1304.9	1319.7	1329.7
35.5°	1273.7	1293.9	1309.0	1319.4
36°	1262.5	1283.1	1298.1	1308.7
36.5°	1251.3	1271.9	1288.2	1297.6
37°	1240.0	1260.6	1277.4	1286.9
37.5°	1228.8	1249.4	1266.6	1276.5
38°	1217.1	1238.2	1254.6	1266.0
38.5°	1204.4	1226.9	1242.8	1254.2
39°	1192.2	1215.2	1230.9	1242.0
39.5°	1180.3	1203.2	1219.2	1230.1
40°	1168.5	1191.5	1208.2	1218.5
40.5°	1156.6	1179.7	1196.8	1207.5
41°	1144.1	1167.5	1184.6	1195.8
41.5°	1132.0	1155.0	1172.9	1183.6
42°	1119.1	1142.9	1160.8	1172.0
42.5°	1106.7	1130.8	1148.4	1160.2
43°	1094.2	1118.2	1136.1	1147.9
43.5°	1081.6	1105.6	1124.1	1135.1



TEST NUMBER: P563539

CATALOG NUMBER: 4NWS3C3-NUV-MED-4000K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
45°	1043.2	1068.5	1086.7	1097.8
45.5°	1030.7	1055.6	1073.6	1085.7
46°	1017.6	1042.9	1061.0	1072.6
46.5°	1004.8	1030.1	1048.0	1059.2
47°	992.3	1017.2	1035.4	1046.3
47.5°	978.9	1004.4	1022.5	1033.8
48°	966.1	990.7	1009.2	1021.3
48.5°	952.5	978.1	996.4	1007.9
49°	939.6	965.1	983.5	995.3
49.5°	926.7	951.6	970.1	982.0
50°	913.1	938.3	956.7	968.8
50.5°	900.0	925.3	943.4	955.2
51°	887.3	911.7	930.4	942.1
51.5°	874.1	898.9	917.4	928.7
52°	860.4	885.3	903.4	915.6
52.5°	847.1	871.9	890.4	901.8
53°	833.7	858.6	876.6	888.5
53.5°	820.8	845.1	863.3	874.9
54°	807.5	831.6	849.8	861.5
54.5°	794.4	818.3	836.2	847.7
55°	781.4	805.0	822.7	833.8
55.5°	767.1	791.8	809.0	820.6
56°	753.9	777.4	795.1	806.6
56.5°	741.0	764.5	782.0	793.1
57°	727.9	751.0	768.2	779.9
57.5°	714.2	737.6	754.8	765.7
58°	700.9	723.4	740.7	751.8
58.5°	687.6	710.1	727.0	738.4
59°	674.9	696.5	713.4	724.3
59.5°	661.2	683.0	699.9	710.7
60°	648.0	669.3	686.2	696.6
60.5°	634.4	656.0	672.4	682.9
61°	621.7	642.6	658.4	669.1
61.5°	608.2	629.0	644.6	655.4
62°	595.1	615.5	630.9	641.4
62.5°	581.9	602.3	617.1	627.6
63°	569.1	588.6	603.4	613.8
63.5°	555.8	575.1	589.8	600.1
64°	542.4	561.7	576.0	586.1
64.5°	529.5	548.2	562.6	571.9
65°	516.9	534.6	548.9	557.8
65.5°	503.6	521.5	535.0	543.7
66°	491.2	508.4	521.3	529.5



TEST NUMBER: P563539

CATALOG NUMBER: 4NWS3C3-NUV-MED-4000K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
67.5°	452.5	468.5	480.7	488.3
68°	439.7	454.9	466.9	474.8
68.5°	426.9	441.9	453.0	460.9
69°	414.7	428.4	439.8	447.1
69.5°	402.0	415.3	426.2	433.5
70°	389.3	402.4	412.9	419.7
70.5°	376.7	389.4	399.3	406.0
71°	364.5	376.3	386.1	392.6
71.5°	352.1	363.3	372.6	379.0
72°	339.8	350.5	359.2	365.7
72.5°	327.4	337.9	345.7	352.3
73°	315.3	324.9	332.8	338.6
73.5°	303.7	312.5	319.7	324.9
74°	291.7	299.7	306.7	311.9
74.5°	279.6	287.2	293.7	298.8
75°	267.9	274.4	280.6	285.7
75.5°	256.3	262.4	267.6	272.3
76°	245.1	250.1	255.5	259.4
76.5°	233.6	238.2	242.5	246.7
77°	222.4	226.1	230.2	234.0
77.5°	211.1	214.5	217.7	221.1
78°	200.2	202.4	205.7	208.9
78.5°	189.6	191.2	193.2	196.3
79°	179.0	179.9	181.5	184.1
79.5°	168.6	168.9	170.1	172.0
80°	158.9	158.4	159.1	160.7
80.5°	149.2	148.0	148.1	148.9
81°	139.5	137.5	137.0	137.5
81.5°	129.8	127.0	125.9	126.3
82°	120.1	116.6	114.9	115.4
82.5°	111.0	107.0	104.5	104.2
83°	102.0	97.6	94.8	94.4
83.5°	93.5	88.3	84.9	84.4
84°	85.3	79.4	75.6	75.0
84.5°	77.6	71.0	66.6	65.6
85°	70.0	63.0	58.3	57.1
85.5°	63.1	55.4	50.1	49.6
86°	56.5	48.3	42.6	42.2
86.5°	50.2	41.7	35.5	34.8
87°	44.2	35.5	29.0	27.4
87.5°	39.0	29.9	24.5	21.0
88°	34.0	25.0	19.9	15.2
88.5°	29.6	21.7	15.3	10.2



TEST NUMBER: P563539

CATALOG NUMBER: 4NWS3C3-NUV-MED-4000K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
90°	18.9	11.8	4.4	3.2
90.5°	17.1	8.7	3.0	1.8
91°	15.2	7.1	2.1	0.3
91.5°	13.3	5.9	1.7	0.3
92°	11.5	5.2	1.5	0.2
92.5°	9.7	4.6	1.3	0.2
93°	8.8	4.3	1.2	0.2
93.5°	8.1	4.0	1.1	0.2
94°	7.6	3.7	1.1	0.3
94.5°	7.3	3.5	1.1	0.3
95°	6.9	3.4	1.1	0.4
95.5°	6.5	3.3	1.1	0.5
96°	6.2	3.3	1.0	0.5
96.5°	5.9	3.3	1.0	0.6
97°	5.7	3.2	1.0	0.6
97.5°	5.6	3.1	1.0	0.7
98°	5.6	2.9	0.9	0.7
98.5°	5.6	2.8	0.9	0.8
99°	5.5	2.7	0.9	0.9
99.5°	5.5	2.7	1.0	1.0
100°	5.4	2.6	1.1	1.1
100.5°	5.2	2.6	1.2	1.2
101°	5.0	2.6	1.2	1.3
101.5°	4.8	2.6	1.3	1.4
102°	4.7	2.5	1.4	1.5
102.5°	4.5	2.5	1.4	1.6
103°	4.4	2.4	1.5	1.7
103.5°	4.2	2.3	1.6	1.7
104°	4.1	2.2	1.7	1.7
104.5°	4.1	2.1	1.7	1.8
105°	4.0	2.0	1.8	1.8
105.5°	3.9	2.0	1.8	1.8
106°	3.8	2.0	1.9	1.8
106.5°	3.7	1.9	2.3	1.8
107°	3.6	1.8	2.4	1.8
107.5°	3.4	1.8	2.2	1.8
108°	3.3	1.7	2.2	1.8
108.5°	3.2	1.7	2.2	1.8
109°	3.0	1.7	2.2	1.8
109.5°	2.9	1.7	2.1	1.8
110°	2.8	1.8	2.1	1.8
110.5°	2.7	1.8	2.1	1.8
111°	2.6	1.8	2.1	1.8



TEST NUMBER: P563539

CATALOG NUMBER: 4NWS3C3-NUV-MED-4000K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
112.5°	2.5	1.9	2.1	1.9
113°	2.4	2.0	2.2	1.9
113.5°	2.3	2.0	2.2	1.9
114°	2.2	2.1	2.2	1.9
114.5°	2.2	2.1	2.2	2.0
115°	2.1	2.2	2.2	2.0
115.5°	2.1	2.2	2.3	2.0
116°	2.1	2.2	2.3	2.0
116.5°	2.1	2.3	2.3	2.0
117°	2.2	2.4	2.3	2.0
117.5°	2.2	2.6	2.3	2.0
118°	2.3	2.7	2.3	2.0
118.5°	2.3	2.8	2.3	2.0
119°	2.4	2.9	2.3	2.1
119.5°	2.4	2.8	2.3	2.1
120°	2.5	2.8	2.4	2.1
120.5°	2.5	2.8	2.4	2.1
121°	2.5	2.8	2.4	2.1
121.5°	2.6	2.8	2.4	2.2
122°	2.6	2.8	2.5	2.2
122.5°	2.6	2.8	2.5	2.2
123°	2.6	2.7	2.5	2.2
123.5°	2.6	2.6	2.5	2.3
124°	2.7	2.5	2.5	2.3
124.5°	2.8	2.6	2.6	2.3
125°	2.9	2.6	2.6	2.3
125.5°	3.0	2.7	2.6	2.3
126°	3.1	2.9	2.6	2.4
126.5°	3.3	3.0	2.7	2.4
127°	3.4	3.0	2.7	2.4
127.5°	3.5	3.0	2.7	2.4
128°	3.6	3.1	2.7	2.5
128.5°	3.6	3.1	2.8	2.5
129°	3.5	3.1	2.8	2.5
129.5°	3.5	3.1	2.8	2.5
130°	3.5	3.1	2.8	2.5
130.5°	3.5	3.0	2.7	2.5
131°	3.4	3.0	2.5	2.5
131.5°	3.3	3.0	2.5	2.6
132°	3.3	3.0	2.6	2.6
132.5°	3.2	3.1	2.7	2.6
133°	3.2	3.1	2.8	2.6
133.5°	3.1	3.0	2.9	2.6



TEST NUMBER: P563539

CATALOG NUMBER: 4NWS3C3-NUV-MED-4000K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
135°	3.2	3.0	2.8	2.7
135.5°	3.2	3.0	2.8	2.6
136°	3.2	3.0	2.8	2.6
136.5°	3.2	3.0	2.8	2.6
137°	3.2	3.0	2.8	2.6
137.5°	3.2	2.9	2.7	2.6
138°	3.2	3.0	2.7	2.6
138.5°	3.3	3.0	2.7	2.6
139°	3.3	3.0	2.7	2.7
139.5°	3.3	3.1	2.7	2.7
140°	3.3	3.1	2.8	2.7
140.5°	3.3	3.1	2.9	2.7
141°	3.3	3.2	2.9	2.7
141.5°	3.3	3.2	2.9	2.7
142°	3.3	3.2	2.8	2.7
142.5°	3.3	3.2	2.8	2.7
143°	3.3	3.2	2.8	2.7
143.5°	3.3	3.2	2.8	2.7
144°	3.3	3.2	2.8	2.7
144.5°	3.3	3.2	2.8	2.7
145°	3.3	3.3	2.8	2.7
145.5°	3.3	3.3	2.8	2.7
146°	3.3	3.3	2.8	2.7
146.5°	3.3	3.3	2.8	2.7
147°	3.3	3.3	2.8	2.7
147.5°	3.4	3.3	2.8	2.7
148°	3.4	3.3	2.8	2.7
148.5°	3.4	3.4	2.8	2.7
149°	3.4	3.4	2.8	2.6
149.5°	3.4	3.4	2.8	2.6
150°	3.4	3.4	2.8	2.6
150.5°	3.5	3.4	2.8	2.6
151°	3.5	3.4	2.7	2.5
151.5°	3.5	3.4	2.7	2.4
152°	3.5	3.4	2.7	2.4
152.5°	3.5	3.3	2.7	2.4
153°	3.5	3.3	2.6	2.3
153.5°	3.5	3.2	2.5	2.2
154°	3.5	3.2	2.4	2.0
154.5°	3.5	3.2	2.4	2.0
155°	3.6	3.1	2.3	2.0
155.5°	3.6	2.9	2.2	2.0
156°	3.6	2.9	2.1	1.9



TEST NUMBER: P563539

CATALOG NUMBER: 4NWS3C3-NUV-MED-4000K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
157.5°	3.6	2.8	2.0	1.8
158°	3.6	2.8	2.0	1.8
158.5°	3.6	2.7	1.9	1.8
159°	3.6	2.7	1.9	1.8
159.5°	3.6	2.7	1.9	1.8
160°	3.7	2.7	1.9	1.8
160.5°	3.7	2.7	1.9	1.8
161°	3.7	2.7	1.9	1.8
161.5°	3.7	2.7	1.9	1.8
162°	3.7	2.7	1.9	1.8
162.5°	3.7	2.6	1.9	1.8
163°	3.6	2.5	1.8	1.8
163.5°	3.7	2.4	1.8	1.9
164°	3.7	2.4	1.8	1.9
164.5°	3.3	2.4	1.8	1.9
165°	3.1	2.3	1.8	1.9
165.5°	3.4	2.1	1.8	1.9
166°	3.5	2.0	1.8	1.9
166.5°	3.1	2.0	1.9	1.9
167°	2.8	2.0	1.9	1.9
167.5°	3.2	2.2	1.9	1.9
168°	3.5	2.5	1.9	1.9
168.5°	3.2	2.5	2.0	2.0
169°	3.2	2.5	2.1	2.0
169.5°	3.3	2.7	2.1	2.1
170°	3.2	2.7	2.5	2.1
170.5°	3.2	2.7	2.6	2.4
171°	3.4	3.0	2.6	2.7
171.5°	3.4	3.1	2.8	2.7
172°	3.4	3.1	3.0	2.7
172.5°	3.4	3.1	3.0	2.9
173°	3.3	3.2	3.0	2.9
173.5°	3.3	3.2	3.0	2.9
174°	3.3	3.2	3.1	3.0
174.5°	3.3	3.2	3.2	3.0
175°	3.2	3.2	3.2	3.1
175.5°	3.2	3.2	3.2	3.2
176°	3.2	3.2	3.2	3.2
176.5°	3.2	3.2	3.2	3.2
177°	3.2	3.2	3.2	3.2
177.5°	3.2	3.2	3.2	3.2
178°	3.2	3.2	3.2	3.2
178.5°	3.2	3.2	3.2	3.2



TEST NUMBER: P563539

CATALOG NUMBER: 4NWS3C3-NUV-MED-4000K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
180°	2.9	2.9	2.9	2.9



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	1563.0	1566.7	1566.3	1563.5	1557.8	1551.0	1543.8	1537.7	1532.6	1530.1	1529.1
22°	1555.5	1559.6	1559.5	1556.2	1550.6	1543.5	1535.6	1529.4	1524.8	1521.3	1520.6



44°	1122.8	1126.9	1121.7	1109.8	1090.5	1066.9	1042.9	1022.2	1007.1	999.6	1000.6
44.5°	1110.4	1113.8	1109.5	1096.9	1077.6	1053.6	1029.9	1009.0	993.8	986.5	986.5



66.5°	515.7	520.5	519.2	512.0	500.3	484.0	469.1	455.9	446.4	440.8	439.3
67°	501.8	506.3	505.8	499.2	487.5	472.2	458.0	445.0	435.4	430.2	429.1



89°	6.3	12.4	23.7	36.6	48.7	57.1	63.8	67.7	69.2	68.6	66.1
89.5°	4.7	8.7	19.4	31.9	43.8	52.8	59.6	63.0	64.6	64.1	61.6



111.5°	1.8	1.8	1.5	1.4	1.8	2.8	4.1	5.3	6.2	6.4	6.2
112°	1.9	1.8	1.6	1.4	1.8	2.7	3.9	5.1	5.9	6.1	5.9



134°	2.6	2.7	2.6	3.2	3.3	2.9	2.9	2.9	3.0	3.1	3.2
134.5°	2.6	2.7	2.7	3.2	3.4	2.9	2.9	3.0	3.0	3.1	3.3



156.5°	1.8	2.8	3.2	3.2	3.2	3.2	3.4	3.7	3.9	4.1	4.1
157°	1.8	2.7	3.2	3.2	3.2	3.2	3.3	3.6	3.9	4.0	4.0



179°	3.2	3.1	2.9	2.7	2.5	2.4	2.6	2.8	3.0	3.2	3.1
179.5°	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.9	2.9	3.0	3.0





21.5°	1530.6	1534.5	1538.2	1542.7	1546.9	1548.9	1548.9	1546.9	1542.2	1535.0	1525.8
22°	1522.1	1525.8	1530.4	1535.4	1540.1	1541.6	1541.9	1540.0	1534.7	1527.3	1517.9



44°	1007.9	1022.9	1042.3	1060.5	1076.7	1088.4	1093.0	1091.0	1083.1	1068.5	1047.2
44.5°	994.9	1010.2	1029.1	1047.0	1063.8	1075.5	1079.5	1078.7	1070.8	1055.6	1034.0



66.5°	442.5	449.2	458.5	467.8	476.0	481.5	480.3	479.4	473.5	465.1	452.8
67°	432.0	438.1	446.8	455.4	462.8	467.2	467.0	465.7	460.0	451.8	440.1



89°	61.7	55.4	47.6	36.3	24.4	13.0	5.3	0.8	4.3	12.1	19.8
89.5°	57.6	51.5	43.1	32.3	20.9	10.5	4.1	0.7	3.2	9.1	17.9



111.5°	5.4	4.2	3.1	2.3	2.4	2.8	3.5	3.2	3.7	2.7	3.2
112°	5.1	4.1	3.0	2.3	2.4	3.0	3.5	3.2	3.8	2.8	3.1



134°	3.4	3.9	4.5	5.5	5.6	4.4	3.9	3.6	4.5	4.7	4.3
134.5°	3.5	3.9	4.6	5.6	5.5	4.4	3.9	3.6	4.5	4.8	4.3



156.5°	4.0	3.8	3.7	3.8	3.8	3.6	3.4	3.0	3.2	3.6	4.0
157°	3.9	3.7	3.7	3.8	3.7	3.5	3.3	3.0	3.1	3.5	4.0



179°	3.0	2.8	2.7	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.1
179.5°	2.9	2.9	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7





21.5°	1515.8	1505.1	1496.4	1489.1	1485.5	1484.7	1486.8	1493.3	1502.5	1514.4	1526.4
22°	1507.8	1496.2	1486.9	1480.5	1476.6	1474.8	1477.8	1483.6	1493.5	1505.5	1518.2



44°	1023.3	997.0	973.7	955.0	943.7	940.7	946.6	961.3	983.9	1011.1	1041.4
44.5°	1010.6	983.4	960.3	941.9	930.0	927.0	933.1	948.3	970.8	998.3	1027.9



66.5°	439.3	425.2	413.2	404.1	398.9	398.4	402.4	411.2	424.1	440.8	459.2
67°	426.9	413.5	402.2	393.7	388.8	388.3	391.7	400.7	413.1	429.0	447.0



89°	28.9	37.1	43.6	48.3	51.3	52.6	52.4	50.5	46.9	41.4	34.1
89.5°	25.8	33.7	40.1	44.8	47.8	49.0	48.7	46.8	43.1	37.6	30.4



111.5°	5.0	7.2	8.8	9.9	10.6	10.9	10.6	9.6	8.1	6.4	4.4
112°	4.8	7.0	8.6	9.7	10.3	10.6	10.4	9.4	7.9	6.3	4.3



134°	4.1	3.5	3.1	2.9	2.7	2.7	2.7	2.8	2.8	3.1	3.5
134.5°	4.2	3.6	3.1	2.9	2.8	2.7	2.8	2.8	2.9	3.2	3.6



156.5°	4.3	4.3	4.0	3.9	3.9	3.9	3.9	3.8	3.8	3.6	3.6
157°	4.5	4.2	4.0	3.9	3.9	3.9	3.9	3.9	3.8	3.7	3.6



179°	3.1	3.0	2.9	2.8	2.8	2.9	3.0	3.1	3.2	3.2	3.2
179.5°	2.8	2.8	2.8	2.8	2.9	3.0	3.0	3.1	3.1	3.1	3.1





21.5°	1537.9	1548.5	1556.8	1563.0
22°	1529.8	1541.9	1550.6	1555.5



44°	1069.1	1093.6	1111.2	1122.8
44.5°	1057.0	1080.7	1099.0	1110.4



66.5°	478.0	495.0	507.8	515.7
67°	465.1	481.7	494.5	501.8



89°	25.6	18.4	10.8	6.3
89.5°	22.0	15.1	6.4	4.7



111.5°	2.5	1.8	2.1	1.8
112°	2.5	1.9	2.1	1.9



134°	3.1	3.0	2.9	2.6
134.5°	3.1	3.0	2.8	2.6



156.5°	3.6	2.8	2.0	1.8
157°	3.6	2.8	2.0	1.8



179°	3.2	3.2	3.2	3.2
179.5°	3.1	3.0	3.0	2.9



(END OF REPORT)