

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: P563557

Luminaire Tested: **4NWS3C3MS-NUV-MED-5000K**

Issue Date: 7/18/2022



Test Information

Test Method: LM-79-08
Report Number: P563557
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: 4NWS3C3MS-NUV-MED-5000K
Description: 4 FOOT NWS SELETABLE WRAP AT 3500K AND MED LUMEN SETTING
Light Source: -
Ballast/Driver:

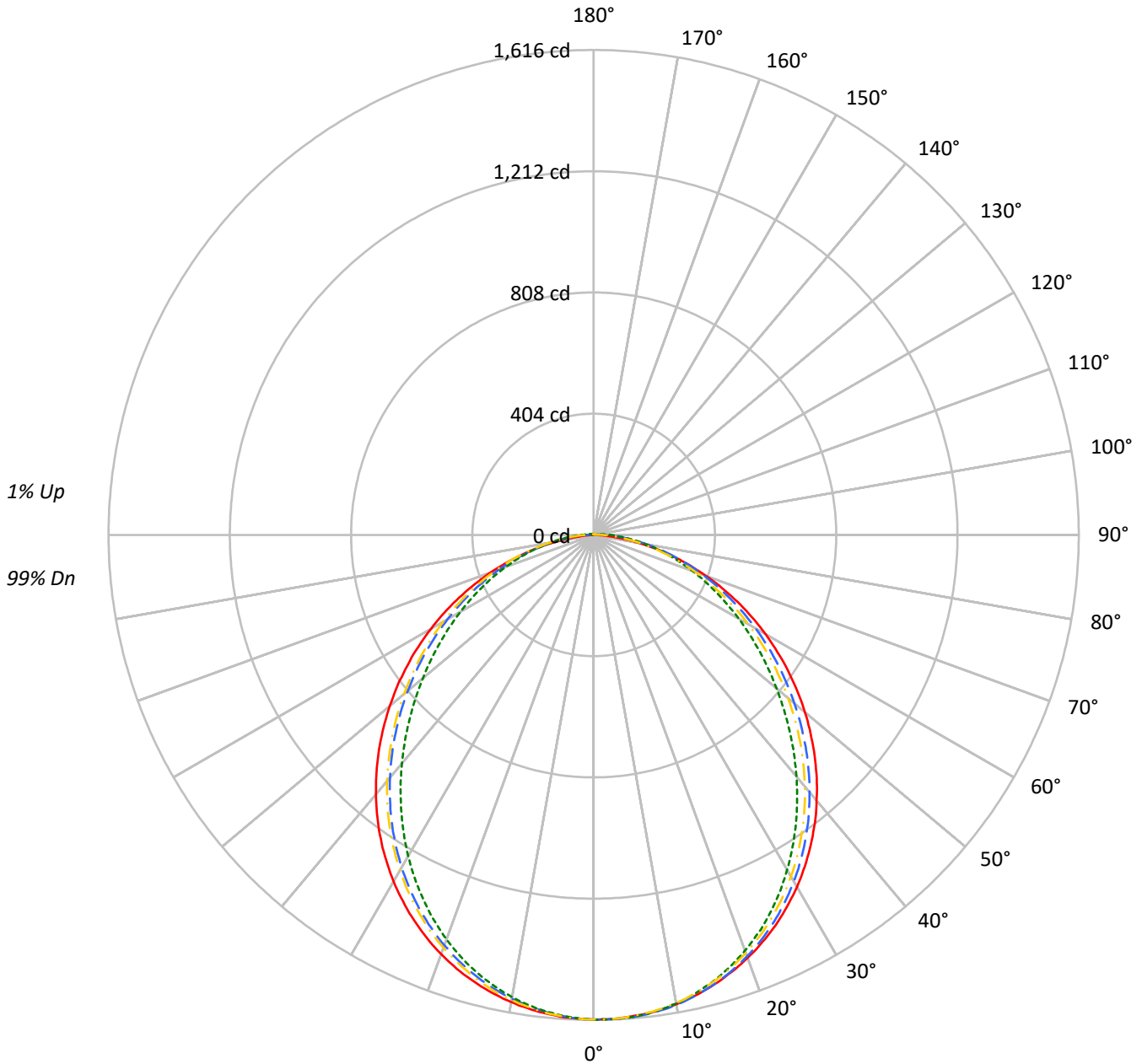
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4211.0 lumens
Efficiency: N/A
Efficacy: 129.6 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): 32.5
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°	9817	9817	9817	9817
5°	9794	9670	9777	9599
10°	9763	9476	9721	9346
15°	9708	9227	9642	9038
20°	9628	8924	9543	8683
25°	9529	8573	9410	8273
30°	9393	8163	9244	7825
35°	9222	7703	9044	7331
40°	9011	7205	8800	6811
45°	8767	6679	8515	6273
50°	8477	6146	8179	5740
55°	8137	5636	7792	5217
60°	7751	5126	7344	4705
65°	7283	4608	6804	4184
70°	6690	4089	6115	3647
75°	5905	3550	5186	3070
80°	4773	2969	3884	2463
85°	3050	2370	1962	1884



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	152.4	3.6
10°-20°	432.7	10.3
20°-30°	642.6	15.3
30°-40°	749.0	17.8
40°-50°	741.5	17.6
50°-60°	636.8	15.1
60°-70°	466.1	11.1
70°-80°	264.6	6.3
80°-90°	88.1	2.1
90°-100°	16.0	0.4
100°-110°	6.7	0.2
110°-120°	4.0	0.1
120°-130°	2.8	0.1
130°-140°	2.6	0.1
140°-150°	2.4	0.1
150°-160°	1.6	0.0
160°-170°	0.9	0.0
170°-180°	0.3	0.0
0°-30°	1227.7	29.2
0°-40°	1976.7	46.9
0°-60°	3354.9	79.7
0°-90°	4173.7	99.1
90°-120°	26.7	0.6
90°-150°	34.5	0.8
90°-180°	37.0	0.9
0°-180°	4211.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1615	1615	1615	1615	1615	
5°	1608	1611	1605	1599	1608	153
15°	1551	1540	1541	1508	1551	438
25°	1434	1390	1417	1341	1434	661
35°	1261	1174	1236	1118	1261	788
45°	1041	923	1011	867	1041	803
55°	791	674	757	624	791	707
65°	529	449	494	408	529	523
75°	271	257	238	222	271	287
85°	54	107	35	85	54	65
90°	3	56	1	43	3	3
95°	0	27	1	23	0	0
105°	2	10	2	13	2	2
115°	2	4	3	9	2	2
125°	2	2	3	5	2	2
135°	2	3	3	3	2	2
145°	3	4	3	4	3	2
155°	2	4	3	4	2	1
165°	2	3	3	4	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°	1615.1	1615.1	1615.1	1615.1	1615.1	1615.1	1615.1	1615.1	1615.1	1615.1	1615.1
0.5°	1614.7	1614.8	1614.9	1615.1	1615.2	1615.3	1615.4	1615.5	1615.5	1615.5	1615.5
1°	1614.5	1614.7	1615.0	1615.3	1615.5	1615.6	1615.7	1615.6	1615.1	1614.6	1615.0
1.5°	1614.6	1615.2	1615.3	1614.7	1614.5	1614.7	1615.3	1615.7	1615.1	1615.9	1616.0
2°	1614.3	1614.7	1614.8	1614.8	1615.1	1615.6	1615.9	1615.9	1615.0	1615.1	1615.4
2.5°	1613.7	1614.1	1614.2	1614.3	1614.3	1613.8	1614.0	1613.9	1615.5	1614.5	1613.9
3°	1612.5	1612.9	1613.6	1613.9	1614.3	1614.4	1614.8	1615.0	1614.5	1614.3	1614.4
3.5°	1611.5	1612.3	1612.9	1614.2	1613.6	1614.0	1614.1	1613.6	1614.1	1613.0	1612.6
4°	1610.8	1612.2	1611.8	1613.2	1612.9	1613.1	1613.1	1612.8	1612.0	1613.7	1612.2
4.5°	1609.0	1610.3	1610.8	1611.8	1612.6	1612.5	1611.8	1612.5	1611.9	1612.0	1610.5
5°	1608.0	1609.3	1609.8	1610.4	1611.3	1611.3	1609.8	1610.4	1610.8	1610.8	1609.4
5.5°	1607.0	1608.2	1608.8	1609.1	1609.6	1609.1	1608.6	1608.6	1609.3	1608.9	1607.4
6°	1605.7	1606.8	1607.1	1607.9	1608.6	1607.9	1607.5	1607.1	1607.2	1606.7	1605.1
6.5°	1604.0	1605.3	1605.6	1606.1	1607.0	1606.3	1606.4	1605.3	1605.3	1605.2	1603.5
7°	1602.4	1603.1	1604.5	1604.1	1604.2	1603.2	1604.6	1603.1	1602.9	1602.8	1601.5
7.5°	1600.1	1601.0	1602.1	1603.0	1602.8	1602.1	1601.6	1601.0	1600.4	1599.2	1599.2
8°	1598.5	1598.5	1600.3	1600.5	1600.4	1599.8	1599.2	1598.8	1598.2	1597.4	1596.9
8.5°	1595.5	1595.8	1598.2	1597.8	1598.2	1597.7	1596.8	1596.1	1595.1	1594.5	1593.3
9°	1593.7	1595.1	1595.3	1595.9	1596.0	1595.3	1593.6	1593.4	1592.2	1592.6	1590.3
9.5°	1590.8	1592.2	1593.4	1593.0	1593.3	1591.9	1590.1	1590.1	1589.3	1587.7	1587.1
10°	1587.6	1589.4	1590.4	1590.5	1590.2	1589.1	1587.3	1586.2	1585.7	1586.0	1584.4
10.5°	1584.7	1586.2	1587.7	1587.8	1587.1	1585.9	1583.8	1582.7	1582.0	1581.8	1580.5
11°	1581.4	1582.4	1584.3	1584.4	1583.8	1583.0	1579.8	1579.4	1579.1	1578.0	1576.8
11.5°	1577.9	1580.1	1580.8	1581.3	1579.9	1579.4	1576.3	1575.9	1574.9	1574.1	1572.7
12°	1574.7	1576.6	1578.0	1578.1	1576.6	1575.4	1573.1	1571.8	1569.6	1570.0	1567.8
12.5°	1571.6	1573.1	1574.5	1574.6	1572.5	1571.6	1569.2	1567.5	1565.7	1565.2	1564.0
13°	1567.8	1569.9	1571.0	1570.4	1568.1	1567.8	1564.7	1563.3	1561.6	1559.9	1559.3
13.5°	1563.7	1566.1	1567.2	1566.8	1564.4	1563.5	1559.5	1558.3	1556.7	1554.9	1553.5
14°	1559.7	1562.1	1563.1	1563.2	1560.1	1558.3	1555.4	1553.4	1551.7	1549.7	1549.0
14.5°	1555.8	1558.0	1558.9	1558.9	1555.3	1554.0	1551.2	1548.3	1545.8	1545.2	1543.1
15°	1551.3	1553.9	1554.5	1554.1	1551.4	1549.5	1545.8	1543.2	1540.8	1540.0	1538.7
15.5°	1547.2	1549.7	1549.7	1549.0	1547.0	1544.7	1540.0	1538.3	1535.2	1534.5	1532.5
16°	1542.2	1545.3	1545.6	1544.6	1541.7	1539.1	1535.0	1532.5	1530.0	1528.1	1526.3
16.5°	1536.7	1540.5	1541.3	1540.0	1536.6	1533.8	1529.3	1526.3	1523.9	1521.5	1520.9
17°	1531.6	1535.8	1535.8	1535.2	1531.9	1528.4	1523.8	1520.2	1517.4	1516.1	1515.3
17.5°	1527.3	1530.4	1530.8	1529.6	1526.5	1522.4	1517.0	1514.1	1510.6	1509.9	1508.2
18°	1522.6	1525.0	1525.8	1524.2	1520.6	1516.8	1511.4	1507.8	1504.3	1502.5	1501.8
18.5°	1516.6	1520.5	1520.9	1519.1	1515.1	1510.9	1505.0	1501.0	1498.2	1495.8	1494.9
19°	1511.0	1515.2	1515.6	1513.2	1509.4	1504.5	1499.1	1494.3	1490.9	1488.7	1488.3
19.5°	1505.3	1509.1	1509.3	1507.3	1503.0	1497.8	1492.0	1487.6	1483.4	1482.4	1479.9
20°	1499.7	1503.2	1503.1	1501.3	1496.9	1491.2	1484.7	1480.2	1476.5	1473.8	1473.1
20.5°	1493.9	1497.6	1497.4	1495.2	1490.6	1484.9	1477.7	1472.7	1469.2	1466.5	1465.3
21°	1488.2	1491.7	1491.4	1488.8	1483.6	1477.9	1471.1	1465.3	1461.8	1458.4	1457.8



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
22.5°	1468.4	1472.1	1472.4	1468.8	1463.4	1456.4	1448.5	1442.1	1437.4	1434.8	1433.1
23°	1462.6	1465.7	1465.4	1462.0	1456.3	1449.1	1440.8	1434.0	1428.9	1427.1	1425.1
23.5°	1455.2	1459.1	1458.7	1455.0	1449.1	1441.2	1433.0	1425.4	1420.2	1417.7	1416.3
24°	1448.2	1452.2	1452.0	1447.6	1441.4	1433.5	1424.2	1416.9	1411.5	1408.9	1407.7
24.5°	1441.6	1445.1	1444.5	1440.5	1433.4	1425.3	1416.9	1408.8	1402.7	1399.8	1398.2
25°	1434.5	1438.2	1437.1	1433.0	1426.0	1417.1	1408.3	1399.9	1393.6	1390.0	1389.3
25.5°	1426.8	1430.6	1429.8	1425.3	1418.7	1408.9	1399.3	1390.8	1384.7	1381.2	1379.7
26°	1419.3	1422.5	1422.1	1416.9	1410.6	1400.1	1390.2	1381.2	1374.6	1370.7	1370.6
26.5°	1411.4	1415.2	1413.5	1409.6	1401.5	1391.5	1380.9	1372.1	1365.3	1361.8	1360.4
27°	1403.6	1408.0	1405.9	1400.9	1393.0	1382.9	1371.9	1362.6	1355.7	1351.2	1351.2
27.5°	1395.9	1399.9	1398.4	1392.4	1384.5	1373.6	1363.6	1352.9	1345.0	1342.0	1341.0
28°	1387.4	1391.9	1390.5	1384.4	1375.9	1364.6	1352.8	1343.4	1335.4	1331.6	1330.3
28.5°	1379.3	1383.5	1382.1	1376.2	1367.5	1355.7	1343.5	1333.6	1324.6	1320.2	1319.7
29°	1371.7	1375.4	1373.7	1367.4	1357.9	1346.1	1334.1	1323.2	1315.5	1310.8	1309.6
29.5°	1363.2	1367.2	1364.9	1359.0	1348.8	1336.7	1324.7	1313.0	1303.7	1300.0	1299.9
30°	1354.3	1357.8	1356.3	1349.4	1339.6	1326.8	1313.9	1302.6	1293.6	1288.9	1289.2
30.5°	1345.8	1349.2	1347.4	1341.0	1330.3	1316.7	1303.9	1292.1	1281.8	1278.3	1277.5
31°	1337.1	1340.9	1338.2	1332.0	1321.2	1307.3	1293.2	1281.3	1272.1	1267.4	1266.2
31.5°	1328.1	1332.1	1329.4	1322.1	1311.6	1297.5	1282.7	1270.1	1260.9	1255.9	1254.8
32°	1318.3	1322.2	1319.9	1312.2	1301.3	1286.8	1272.4	1259.6	1249.7	1244.3	1244.0
32.5°	1309.0	1312.8	1310.5	1302.4	1291.2	1276.4	1261.8	1248.8	1239.2	1232.9	1232.7
33°	1300.0	1303.8	1300.9	1293.4	1281.2	1266.4	1251.3	1237.4	1227.5	1221.8	1221.5
33.5°	1290.3	1294.1	1291.4	1283.8	1271.5	1255.9	1240.4	1226.5	1215.6	1209.9	1209.6
34°	1280.4	1284.8	1281.6	1273.4	1261.3	1244.8	1228.8	1214.8	1204.0	1198.0	1197.9
34.5°	1270.2	1274.8	1271.8	1263.4	1251.0	1234.1	1217.5	1202.6	1192.0	1186.5	1185.8
35°	1260.8	1265.0	1262.2	1253.4	1240.1	1223.3	1206.6	1191.1	1179.7	1174.4	1174.2
35.5°	1251.1	1254.8	1252.4	1243.3	1229.3	1212.0	1195.0	1179.6	1167.8	1162.5	1162.2
36°	1240.9	1245.3	1241.4	1232.9	1218.9	1201.0	1183.6	1167.8	1155.7	1150.5	1150.0
36.5°	1230.4	1234.4	1231.3	1221.9	1208.4	1190.1	1172.1	1155.7	1143.7	1137.6	1138.3
37°	1220.3	1223.9	1220.8	1211.5	1197.3	1179.0	1160.7	1144.2	1131.0	1125.5	1125.9
37.5°	1210.3	1213.3	1210.2	1201.0	1186.1	1167.6	1148.7	1131.9	1119.2	1113.2	1113.4
38°	1200.5	1202.8	1200.1	1189.7	1175.0	1155.9	1136.7	1119.8	1107.2	1100.5	1100.4
38.5°	1189.3	1192.3	1188.4	1178.8	1163.6	1144.3	1124.8	1107.3	1094.8	1088.8	1088.3
39°	1177.7	1181.6	1177.8	1167.7	1152.3	1132.8	1113.0	1095.1	1082.7	1075.8	1075.3
39.5°	1166.4	1171.1	1166.9	1156.7	1140.6	1120.6	1101.1	1082.9	1069.5	1063.6	1063.6
40°	1155.4	1159.7	1156.1	1144.9	1129.2	1108.5	1088.4	1070.6	1057.0	1050.8	1050.8
40.5°	1145.0	1148.5	1145.0	1134.0	1117.5	1096.9	1076.1	1057.9	1044.1	1038.0	1037.6
41°	1133.9	1137.2	1133.7	1122.4	1105.8	1084.6	1064.0	1045.6	1031.6	1025.5	1024.7
41.5°	1122.3	1125.7	1121.9	1111.2	1094.1	1072.8	1051.3	1032.7	1018.2	1012.3	1012.2
42°	1111.3	1115.0	1110.8	1099.0	1082.5	1060.9	1039.7	1020.3	1006.2	1000.2	999.3
42.5°	1100.2	1103.5	1099.1	1088.0	1069.9	1048.5	1027.1	1007.9	993.5	987.0	986.5
43°	1088.5	1091.8	1087.6	1075.4	1058.0	1036.1	1014.5	995.0	980.7	974.5	973.9
43.5°	1076.3	1080.3	1075.7	1064.2	1046.5	1024.0	1001.8	982.3	967.8	961.3	961.3



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
45°	1041.0	1044.6	1040.0	1027.7	1010.1	986.7	964.2	944.1	929.3	922.7	922.5
45.5°	1029.4	1032.7	1027.9	1015.5	997.2	974.2	951.7	931.4	917.0	909.6	909.7
46°	1017.0	1020.7	1016.1	1003.4	984.8	961.6	938.6	918.7	904.6	896.4	897.2
46.5°	1004.4	1008.2	1003.6	991.1	972.4	948.9	925.7	906.0	891.0	884.4	884.6
47°	992.1	996.4	992.1	978.8	960.2	936.4	913.1	893.0	878.1	871.6	871.4
47.5°	980.3	983.9	979.6	967.1	948.1	923.9	900.9	879.9	865.5	858.9	858.5
48°	968.4	971.8	967.1	954.9	935.8	911.2	888.2	867.5	853.1	845.7	846.4
48.5°	955.7	958.9	954.4	942.1	923.0	898.7	875.8	854.9	840.0	833.5	833.7
49°	943.8	947.6	941.9	929.0	910.4	886.2	862.9	842.4	827.7	820.6	820.5
49.5°	931.2	934.6	930.4	917.0	897.6	873.5	850.5	829.7	814.8	808.0	808.4
50°	918.6	922.5	917.4	904.8	884.8	860.7	838.0	817.0	802.9	795.2	795.6
50.5°	905.7	909.7	904.9	892.5	872.6	848.3	825.2	804.3	789.6	782.9	782.7
51°	893.3	897.1	892.0	879.0	860.1	835.6	812.7	792.3	778.0	770.3	770.0
51.5°	880.6	884.5	879.4	866.9	847.5	823.1	799.8	779.6	764.9	758.9	758.2
52°	868.2	872.1	867.2	854.1	834.7	810.8	787.7	767.5	753.0	745.7	745.9
52.5°	855.1	858.9	853.7	841.3	821.9	797.8	775.1	755.1	741.0	733.9	733.8
53°	842.4	846.3	841.4	828.5	809.1	785.2	762.5	742.8	728.9	721.3	721.0
53.5°	829.6	833.2	828.4	815.9	796.4	772.8	750.2	730.6	715.8	709.8	708.9
54°	816.9	820.3	815.8	803.4	783.9	760.1	738.0	718.2	704.2	697.1	697.4
54.5°	803.8	807.7	802.7	790.5	771.7	747.5	725.1	705.9	691.8	685.2	685.1
55°	790.6	794.9	790.2	777.8	758.5	734.8	712.8	693.7	680.2	674.2	672.8
55.5°	778.1	781.8	777.0	765.2	746.4	722.8	700.6	681.3	667.8	661.8	660.7
56°	764.8	768.7	764.5	752.3	733.7	710.7	688.9	669.3	656.2	649.7	649.3
56.5°	752.0	756.0	751.5	739.6	721.3	698.1	676.4	657.6	644.6	638.1	637.6
57°	739.5	742.8	738.4	726.7	708.2	685.7	664.2	645.7	632.4	626.6	625.9
57.5°	726.0	730.4	725.1	714.1	696.1	673.7	652.2	633.7	621.1	614.8	614.1
58°	712.8	716.8	713.0	700.8	682.8	661.4	640.4	622.3	609.5	602.8	603.0
58.5°	700.1	703.9	699.6	688.5	670.6	648.8	628.1	610.3	598.0	591.7	591.3
59°	686.8	691.3	686.7	675.7	658.2	636.7	616.2	598.5	586.9	580.9	579.9
59.5°	673.9	677.7	673.7	663.1	645.8	624.5	604.5	587.5	575.6	570.0	568.0
60°	660.5	664.7	661.1	650.1	633.0	612.4	592.5	576.2	564.4	558.6	556.8
60.5°	647.5	651.3	648.0	637.5	621.4	600.4	581.4	565.1	553.0	547.2	545.6
61°	634.4	638.0	634.9	625.0	609.0	588.7	566.7	553.5	541.6	535.7	534.5
61.5°	621.4	625.6	621.7	611.5	596.1	576.5	554.8	541.9	530.3	524.3	523.3
62°	608.2	612.6	609.4	599.3	583.3	564.1	544.0	530.4	518.9	512.9	512.1
62.5°	595.1	599.1	596.5	587.0	571.5	552.3	533.2	519.0	507.5	501.7	500.9
63°	582.0	586.2	583.3	574.3	559.2	540.5	522.3	507.6	496.8	491.2	490.3
63.5°	569.0	572.8	570.4	561.1	546.8	528.6	511.6	496.6	486.1	480.6	479.8
64°	555.7	559.6	557.0	549.9	534.4	516.8	499.9	485.9	475.5	470.1	469.1
64.5°	542.3	546.3	544.0	545.7	522.3	505.0	489.0	474.9	464.8	459.4	458.2
65°	528.9	533.0	531.1	530.5	511.0	493.2	477.9	464.2	454.2	449.2	447.9
65.5°	515.5	519.8	518.2	515.5	498.7	481.5	466.6	453.4	443.8	438.5	437.3
66°	502.1	506.5	505.3	500.4	486.4	470.2	455.6	442.7	433.6	428.2	427.3



TEST NUMBER: P563557

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-5000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
67.5°	463.0	467.2	466.7	460.8	450.4	436.4	423.1	411.8	402.9	397.9	396.6
68°	450.2	454.4	453.8	448.6	438.5	425.2	412.3	401.3	393.1	388.1	386.7
68.5°	437.0	441.4	441.5	435.9	426.7	413.9	401.8	391.0	383.1	378.5	376.3
69°	423.9	428.5	428.7	424.4	415.1	402.7	391.3	380.9	372.7	368.5	366.8
69.5°	411.0	416.0	416.1	412.2	403.8	391.7	380.8	370.7	362.9	358.4	356.9
70°	397.9	402.9	403.6	400.1	392.2	380.9	370.4	360.5	353.3	348.6	347.1
70.5°	385.0	389.9	391.1	387.8	381.0	370.3	360.2	350.8	343.8	339.3	337.4
71°	372.3	376.8	378.6	376.1	369.3	359.4	349.8	341.0	334.3	329.9	328.1
71.5°	359.4	364.4	365.8	363.9	358.1	348.7	339.8	331.4	324.5	320.4	318.8
72°	346.7	351.6	353.7	351.9	346.8	338.0	329.4	321.6	315.1	310.8	309.2
72.5°	334.0	338.8	341.5	340.2	335.3	327.2	319.6	311.8	305.7	302.0	299.9
73°	321.1	326.3	329.5	328.8	324.5	316.7	309.5	302.3	296.5	292.6	290.5
73.5°	308.1	313.8	317.0	317.0	313.3	306.9	299.6	292.8	287.2	283.5	281.4
74°	295.8	301.0	304.9	305.6	302.4	296.4	290.0	283.4	278.3	274.5	272.4
74.5°	283.3	288.9	292.9	293.8	291.6	285.9	280.4	274.2	269.3	265.7	263.9
75°	270.9	276.5	281.0	282.4	280.8	275.9	270.7	265.2	260.4	256.9	254.8
75.5°	258.2	264.4	268.9	271.1	270.2	265.9	261.2	256.0	251.4	248.3	246.1
76°	246.0	252.0	257.2	260.1	259.3	255.8	251.9	247.1	242.8	239.7	237.2
76.5°	233.9	240.2	245.5	248.8	249.0	246.1	242.4	238.1	234.3	231.2	228.8
77°	221.9	227.9	234.0	237.7	238.7	236.5	233.3	229.2	225.6	222.5	220.2
77.5°	209.7	216.2	222.6	226.8	228.4	226.9	224.2	220.7	217.1	214.4	211.9
78°	198.1	204.5	211.1	216.2	218.2	217.5	215.3	212.1	209.1	206.3	203.8
78.5°	186.2	193.1	199.8	205.5	208.3	208.0	206.3	203.7	201.0	198.2	195.8
79°	174.5	181.6	189.0	195.1	198.3	198.7	197.7	195.4	192.8	190.2	187.7
79.5°	163.1	170.0	178.0	184.7	188.6	189.6	189.3	187.2	185.0	182.6	180.0
80°	152.4	159.0	167.1	174.6	179.1	180.7	180.6	179.1	177.2	175.0	172.3
80.5°	141.2	148.2	156.7	164.5	169.7	171.9	172.3	171.3	169.6	167.2	164.8
81°	130.4	137.5	146.4	154.6	160.4	163.3	164.4	163.6	162.2	159.9	157.4
81.5°	119.8	127.0	136.3	144.9	151.4	154.7	156.4	156.1	155.0	152.9	150.2
82°	109.4	116.6	126.2	135.5	142.5	146.5	148.6	148.7	147.8	145.7	143.2
82.5°	98.8	106.6	116.7	126.3	133.7	138.5	140.9	141.4	140.6	138.7	136.1
83°	89.5	97.0	107.1	117.3	125.3	130.6	133.5	134.3	133.7	132.2	129.5
83.5°	80.1	87.6	97.9	108.7	117.2	122.8	126.3	127.5	127.3	125.5	122.9
84°	71.1	78.6	89.0	100.1	109.2	115.4	119.3	120.8	120.6	119.1	116.6
84.5°	62.2	69.8	80.7	91.9	101.4	108.1	112.2	114.2	114.3	112.9	110.4
85°	54.1	61.4	72.4	84.0	94.1	101.1	105.6	107.8	108.2	106.8	104.3
85.5°	47.1	53.9	64.7	76.6	86.8	94.4	99.2	101.7	102.1	100.8	98.4
86°	40.0	47.0	57.2	69.4	80.1	88.0	93.0	95.7	96.3	95.2	92.6
86.5°	33.0	40.2	51.1	62.5	73.5	81.7	87.0	90.0	90.8	89.7	87.3
87°	26.0	33.4	45.1	55.6	67.2	75.6	81.3	84.5	85.3	84.6	82.0
87.5°	19.9	26.5	39.1	50.4	61.2	69.9	75.7	79.1	80.1	79.3	76.9
88°	14.4	20.9	33.1	45.1	55.4	64.4	70.5	73.9	75.2	74.4	71.9
88.5°	9.7	16.0	27.1	39.9	50.8	59.0	65.3	69.0	70.3	69.6	67.3



TEST NUMBER: P563557

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-5000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
90°	3.1	5.7	15.0	26.2	37.0	46.0	52.6	55.7	57.2	56.5	54.9
90.5°	1.7	4.6	12.0	22.6	33.0	41.9	48.7	52.2	53.7	53.2	51.4
91°	0.3	3.6	9.7	19.4	29.4	38.0	44.8	48.6	50.3	49.8	47.9
91.5°	0.3	2.6	7.9	16.8	26.2	34.4	40.9	45.1	46.8	46.5	44.4
92°	0.2	1.6	6.4	14.4	23.3	31.2	37.3	41.5	43.3	43.1	41.0
92.5°	0.2	1.2	5.7	12.4	20.7	28.3	34.2	38.1	39.9	39.7	37.9
93°	0.2	1.0	5.0	10.7	18.4	25.7	31.4	35.2	37.0	36.9	35.1
93.5°	0.2	0.8	4.3	9.4	16.4	23.2	28.8	32.5	34.3	34.2	32.6
94°	0.2	0.7	3.7	8.3	14.6	21.1	26.4	30.0	31.7	31.7	30.2
94.5°	0.3	0.6	3.3	7.4	13.1	19.1	24.2	27.6	29.4	29.4	27.9
95°	0.4	0.5	3.0	6.8	11.9	17.4	22.2	25.6	27.3	27.3	25.9
95.5°	0.4	0.5	2.7	6.3	10.8	15.9	20.4	23.6	25.3	25.3	24.0
96°	0.5	0.6	2.4	5.9	10.0	14.6	18.8	21.8	23.4	23.5	22.3
96.5°	0.5	0.6	2.2	5.5	9.3	13.5	17.4	20.3	21.8	22.0	20.8
97°	0.6	0.7	2.0	5.1	8.8	12.5	16.2	18.9	20.3	20.5	19.4
97.5°	0.7	0.7	1.8	4.7	8.3	11.8	15.1	17.6	19.0	19.2	18.2
98°	0.7	0.7	1.6	4.4	7.9	11.1	14.2	16.5	17.9	18.1	17.2
98.5°	0.8	0.7	1.5	4.1	7.4	10.6	13.4	15.6	16.8	17.0	16.3
99°	0.8	0.8	1.4	3.9	7.0	10.1	12.7	14.8	15.9	16.2	15.4
99.5°	0.9	0.9	1.3	3.6	6.6	9.7	12.2	14.1	15.2	15.4	14.7
100°	1.0	0.9	1.2	3.4	6.3	9.2	11.7	13.5	14.6	14.8	14.2
100.5°	1.1	1.0	1.2	3.1	6.0	8.8	11.2	13.0	14.0	14.2	13.7
101°	1.2	1.1	1.2	2.9	5.6	8.3	10.7	12.5	13.5	13.7	13.2
101.5°	1.3	1.1	1.2	2.7	5.3	8.0	10.3	12.0	13.0	13.2	12.7
102°	1.4	1.2	1.2	2.5	5.0	7.6	9.8	11.6	12.6	12.8	12.3
102.5°	1.5	1.3	1.2	2.3	4.7	7.2	9.4	11.1	12.1	12.3	11.8
103°	1.6	1.3	1.2	2.1	4.4	6.9	9.0	10.6	11.6	11.8	11.4
103.5°	1.6	1.4	1.2	2.0	4.1	6.5	8.6	10.2	11.2	11.4	11.0
104°	1.7	1.4	1.1	1.9	3.9	6.2	8.2	9.8	10.7	11.0	10.5
104.5°	1.7	1.5	1.1	1.8	3.6	5.9	7.9	9.4	10.3	10.6	10.1
105°	1.7	1.7	1.1	1.7	3.4	5.6	7.5	9.0	10.0	10.2	9.8
105.5°	1.7	1.9	1.1	1.6	3.2	5.3	7.2	8.6	9.6	9.8	9.4
106°	1.7	1.8	1.1	1.5	3.0	5.0	6.8	8.3	9.2	9.5	9.0
106.5°	1.7	1.7	1.1	1.5	2.8	4.7	6.5	7.9	8.9	9.1	8.7
107°	1.7	1.6	1.2	1.5	2.6	4.4	6.2	7.6	8.5	8.8	8.4
107.5°	1.7	1.6	1.2	1.4	2.5	4.2	5.9	7.2	8.2	8.4	8.1
108°	1.7	1.6	1.2	1.4	2.3	4.0	5.6	6.9	7.8	8.1	7.7
108.5°	1.7	1.7	1.3	1.4	2.2	3.7	5.3	6.6	7.5	7.8	7.4
109°	1.7	1.7	1.3	1.3	2.1	3.5	5.1	6.3	7.2	7.5	7.2
109.5°	1.7	1.8	1.3	1.3	2.0	3.4	4.8	6.1	6.9	7.2	6.9
110°	1.7	1.8	1.3	1.2	1.9	3.2	4.5	5.8	6.6	6.9	6.6
110.5°	1.7	1.8	1.4	1.3	1.8	3.0	4.3	5.5	6.4	6.6	6.4
111°	1.7	1.8	1.4	1.3	1.8	2.8	4.1	5.3	6.1	6.3	6.1



TEST NUMBER: P563557

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-5000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
112.5°	1.8	1.7	1.5	1.4	1.7	2.4	3.5	4.6	5.3	5.5	5.3
113°	1.8	1.7	1.6	1.4	1.7	2.3	3.3	4.3	5.1	5.3	5.1
113.5°	1.8	1.7	1.6	1.4	1.6	2.2	3.1	4.1	4.8	5.0	4.9
114°	1.8	1.8	1.7	1.4	1.6	2.1	3.0	3.9	4.6	4.8	4.7
114.5°	1.9	1.8	1.7	1.5	1.5	2.1	2.8	3.7	4.4	4.6	4.5
115°	1.9	1.8	1.7	1.5	1.5	2.0	2.7	3.5	4.2	4.4	4.3
115.5°	1.9	1.8	1.8	1.5	1.5	2.0	2.6	3.4	4.0	4.2	4.1
116°	1.9	1.9	1.9	1.5	1.5	1.9	2.5	3.2	3.8	4.1	3.9
116.5°	1.9	1.9	2.0	1.6	1.5	1.9	2.4	3.1	3.6	3.9	3.8
117°	1.9	2.0	2.1	1.6	1.5	1.9	2.4	3.0	3.5	3.7	3.6
117.5°	1.9	2.0	2.2	1.6	1.5	1.8	2.3	2.9	3.3	3.6	3.5
118°	1.9	2.1	2.3	1.7	1.6	1.8	2.2	2.8	3.2	3.4	3.4
118.5°	1.9	2.1	2.3	1.7	1.6	1.7	2.2	2.7	3.1	3.3	3.3
119°	2.0	2.1	2.3	1.7	1.6	1.7	2.2	2.6	3.0	3.2	3.2
119.5°	2.0	2.1	2.2	1.8	1.6	1.7	2.1	2.5	2.9	3.1	3.1
120°	2.0	2.1	2.2	1.8	1.7	1.7	2.1	2.4	2.8	3.1	3.0
120.5°	2.0	2.2	2.2	1.8	1.7	1.7	2.0	2.4	2.8	3.0	3.0
121°	2.0	2.2	2.2	1.9	1.7	1.7	1.9	2.3	2.7	2.9	2.9
121.5°	2.1	2.2	2.2	1.9	1.8	1.7	1.8	2.3	2.6	2.8	2.8
122°	2.1	2.2	2.3	2.0	1.8	1.8	1.8	2.2	2.5	2.8	2.8
122.5°	2.1	2.2	2.3	2.0	1.8	1.8	1.8	2.1	2.5	2.7	2.7
123°	2.1	2.2	2.3	2.1	1.9	1.8	1.8	2.1	2.4	2.7	2.7
123.5°	2.1	2.3	2.4	2.1	1.9	1.9	1.8	2.0	2.4	2.6	2.6
124°	2.2	2.3	2.4	2.1	2.0	1.9	1.8	1.9	2.3	2.6	2.6
124.5°	2.2	2.3	2.4	2.2	2.0	1.9	1.8	1.9	2.3	2.5	2.5
125°	2.2	2.3	2.4	2.3	2.0	2.0	1.9	1.9	2.2	2.4	2.5
125.5°	2.2	2.3	2.4	2.3	2.1	2.0	1.9	1.9	2.2	2.4	2.4
126°	2.2	2.3	2.4	2.4	2.1	2.0	1.9	2.0	2.2	2.4	2.4
126.5°	2.3	2.3	2.4	2.5	2.1	2.0	2.0	2.0	2.2	2.4	2.5
127°	2.3	2.3	2.4	2.6	2.2	2.1	2.0	2.0	2.2	2.4	2.5
127.5°	2.3	2.3	2.4	2.7	2.2	2.1	2.0	2.1	2.2	2.4	2.5
128°	2.3	2.3	2.4	2.7	2.2	2.1	2.1	2.1	2.3	2.4	2.5
128.5°	2.3	2.3	2.4	2.8	2.3	2.2	2.1	2.2	2.3	2.5	2.6
129°	2.4	2.4	2.4	2.8	2.3	2.2	2.2	2.2	2.4	2.5	2.6
129.5°	2.4	2.4	2.4	2.8	2.4	2.2	2.2	2.3	2.4	2.6	2.7
130°	2.4	2.4	2.4	2.8	2.4	2.3	2.3	2.3	2.5	2.6	2.7
130.5°	2.4	2.4	2.4	2.8	2.5	2.3	2.3	2.4	2.5	2.6	2.7
131°	2.4	2.4	2.4	2.8	2.5	2.4	2.4	2.5	2.6	2.7	2.8
131.5°	2.4	2.4	2.4	2.8	2.6	2.4	2.4	2.5	2.6	2.7	2.8
132°	2.4	2.4	2.4	2.9	2.7	2.5	2.5	2.5	2.6	2.7	2.9
132.5°	2.4	2.5	2.4	2.9	2.8	2.6	2.5	2.6	2.7	2.8	2.9
133°	2.4	2.5	2.5	3.0	2.9	2.6	2.6	2.7	2.7	2.8	2.9
133.5°	2.5	2.5	2.5	3.0	3.0	2.7	2.6	2.7	2.8	2.9	3.0



TEST NUMBER: P563557

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-5000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
135°	2.5	2.6	2.6	3.1	3.2	2.9	2.8	2.9	2.9	3.0	3.1
135.5°	2.5	2.6	2.6	3.1	3.3	2.9	2.9	2.9	2.9	3.0	3.2
136°	2.5	2.6	2.6	3.1	3.3	3.0	2.9	3.0	3.0	3.1	3.2
136.5°	2.4	2.6	2.7	3.0	3.3	3.1	3.0	3.0	3.0	3.1	3.3
137°	2.5	2.6	2.7	3.0	3.3	3.1	3.1	3.1	3.1	3.2	3.3
137.5°	2.5	2.6	2.7	3.0	3.3	3.2	3.1	3.1	3.1	3.2	3.4
138°	2.5	2.7	2.8	2.9	3.3	3.4	3.2	3.2	3.2	3.3	3.4
138.5°	2.5	2.7	2.8	2.9	3.3	3.5	3.2	3.2	3.2	3.3	3.5
139°	2.5	2.8	2.8	2.9	3.4	3.6	3.3	3.3	3.3	3.3	3.5
139.5°	2.5	2.8	2.8	2.9	3.4	3.7	3.3	3.3	3.3	3.4	3.6
140°	2.5	2.8	2.8	2.9	3.5	3.7	3.3	3.3	3.3	3.5	3.7
140.5°	2.5	2.9	2.8	2.8	3.5	3.7	3.4	3.4	3.4	3.5	3.7
141°	2.6	2.9	2.9	2.8	3.5	3.7	3.5	3.4	3.5	3.6	3.8
141.5°	2.6	2.9	2.9	2.8	3.5	3.8	3.6	3.5	3.5	3.6	3.8
142°	2.6	2.9	2.9	2.8	3.5	3.8	3.7	3.5	3.5	3.7	3.9
142.5°	2.6	2.9	2.9	2.8	3.5	3.8	3.9	3.6	3.6	3.7	3.9
143°	2.6	2.9	2.9	2.8	3.4	3.8	3.9	3.6	3.7	3.8	4.0
143.5°	2.6	3.0	2.9	2.8	3.4	3.8	4.0	3.7	3.7	3.9	4.1
144°	2.6	3.0	2.9	2.8	3.3	3.8	4.0	3.8	3.8	3.9	4.2
144.5°	2.6	3.0	3.0	2.8	3.3	3.7	4.0	4.0	3.9	4.0	4.2
145°	2.6	3.0	3.0	2.8	3.3	3.8	4.0	4.1	3.9	4.0	4.3
145.5°	2.6	3.0	3.0	2.8	3.2	3.8	4.0	4.2	4.0	4.1	4.4
146°	2.5	3.0	3.0	2.8	3.2	3.8	4.0	4.2	4.2	4.2	4.5
146.5°	2.5	3.0	3.0	2.8	3.2	3.7	4.0	4.2	4.4	4.4	4.7
147°	2.5	3.0	3.0	2.8	3.1	3.7	3.9	4.2	4.4	4.5	4.8
147.5°	2.5	3.0	3.0	2.8	3.1	3.7	3.9	4.2	4.4	4.6	4.8
148°	2.5	3.0	3.0	2.8	3.1	3.7	3.9	4.2	4.4	4.6	4.8
148.5°	2.5	3.0	3.0	2.8	3.0	3.7	3.9	4.2	4.4	4.6	4.8
149°	2.5	3.0	3.0	2.8	3.0	3.6	3.9	4.2	4.4	4.6	4.8
149.5°	2.5	3.0	3.0	2.8	3.0	3.6	3.9	4.2	4.4	4.6	4.8
150°	2.5	2.9	3.0	2.8	2.9	3.5	3.9	4.1	4.4	4.6	4.7
150.5°	2.5	2.9	3.1	2.8	2.9	3.5	3.9	4.1	4.4	4.5	4.7
151°	2.4	2.9	3.1	2.8	2.9	3.4	3.9	4.1	4.3	4.4	4.6
151.5°	2.3	2.9	3.1	2.9	2.9	3.3	3.8	4.1	4.3	4.4	4.6
152°	2.2	2.8	3.1	2.9	2.9	3.3	3.8	4.1	4.3	4.4	4.6
152.5°	2.3	2.8	3.1	2.9	2.9	3.2	3.7	4.1	4.3	4.4	4.6
153°	2.2	2.8	3.1	2.9	2.9	3.2	3.7	4.0	4.2	4.4	4.6
153.5°	2.0	2.7	3.1	2.9	2.9	3.1	3.6	4.0	4.2	4.4	4.5
154°	1.9	2.7	3.1	2.9	2.9	3.1	3.5	3.9	4.1	4.3	4.4
154.5°	1.9	2.6	3.1	3.0	2.9	3.1	3.5	3.8	4.1	4.2	4.3
155°	1.9	2.6	3.1	3.0	2.9	3.1	3.4	3.8	4.0	4.1	4.2
155.5°	1.9	2.6	3.1	3.0	3.0	3.0	3.3	3.7	3.9	4.0	4.1
156°	1.8	2.7	3.1	3.0	3.0	3.0	3.3	3.6	3.8	4.0	4.0



TEST NUMBER: P563557

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-5000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
157.5°	1.7	2.6	3.1	3.1	3.1	3.1	3.1	3.4	3.6	3.7	3.7
158°	1.7	2.6	3.1	3.1	3.1	3.1	3.1	3.3	3.5	3.6	3.7
158.5°	1.7	2.7	3.1	3.1	3.1	3.1	3.1	3.3	3.4	3.5	3.6
159°	1.7	2.6	3.1	3.1	3.1	3.1	3.1	3.2	3.4	3.5	3.5
159.5°	1.7	2.5	3.0	3.1	3.2	3.2	3.1	3.2	3.3	3.4	3.4
160°	1.7	2.5	3.0	3.1	3.2	3.2	3.1	3.2	3.3	3.3	3.4
160.5°	1.7	2.5	3.0	3.1	3.2	3.2	3.2	3.2	3.2	3.3	3.4
161°	1.7	2.5	3.0	3.1	3.2	3.3	3.2	3.2	3.2	3.3	3.3
161.5°	1.7	2.5	3.0	3.1	3.3	3.3	3.2	3.2	3.2	3.3	3.3
162°	1.7	2.5	3.0	3.1	3.3	3.3	3.2	3.2	3.2	3.3	3.3
162.5°	1.7	2.4	2.9	3.1	3.3	3.3	3.3	3.2	3.2	3.3	3.3
163°	1.7	2.4	2.9	3.1	3.3	3.3	3.3	3.3	3.3	3.3	3.3
163.5°	1.8	2.3	2.9	3.1	3.3	3.4	3.3	3.3	3.3	3.3	3.3
164°	1.8	2.2	2.9	3.1	3.3	3.4	3.4	3.3	3.3	3.3	3.4
164.5°	1.8	2.1	2.9	3.1	3.3	3.4	3.4	3.3	3.3	3.3	3.4
165°	1.8	2.1	2.9	3.1	3.3	3.4	3.4	3.4	3.4	3.4	3.4
165.5°	1.8	2.1	2.8	3.1	3.3	3.4	3.4	3.4	3.4	3.4	3.4
166°	1.8	2.2	2.9	3.0	3.3	3.4	3.4	3.4	3.4	3.4	3.5
166.5°	1.8	2.2	3.0	3.0	3.3	3.4	3.5	3.5	3.4	3.4	3.5
167°	1.8	2.2	2.8	3.0	3.3	3.4	3.5	3.5	3.5	3.4	3.5
167.5°	1.8	2.2	2.7	3.0	3.2	3.4	3.5	3.5	3.5	3.5	3.5
168°	1.8	2.3	2.7	2.8	3.3	3.4	3.5	3.5	3.5	3.5	3.5
168.5°	1.9	2.1	2.8	2.7	3.3	3.4	3.5	3.5	3.6	3.5	3.6
169°	1.9	2.0	2.7	2.9	3.2	3.4	3.5	3.6	3.6	3.6	3.6
169.5°	1.9	2.2	2.4	3.0	2.9	3.3	3.5	3.6	3.6	3.6	3.6
170°	2.0	2.4	2.5	2.8	2.9	3.3	3.5	3.6	3.6	3.6	3.6
170.5°	2.2	2.3	2.7	2.7	3.2	3.3	3.5	3.6	3.6	3.6	3.6
171°	2.5	2.4	2.7	2.8	3.1	3.2	3.4	3.5	3.6	3.6	3.6
171.5°	2.6	2.6	2.6	2.8	2.7	2.9	3.4	3.5	3.5	3.5	3.5
172°	2.6	2.7	2.6	2.7	2.8	2.8	3.3	3.5	3.5	3.5	3.5
172.5°	2.7	2.7	2.7	2.7	2.9	3.1	3.2	3.4	3.4	3.5	3.5
173°	2.7	2.7	2.8	2.8	2.7	3.1	3.2	3.3	3.4	3.4	3.4
173.5°	2.7	2.7	2.8	2.7	2.8	2.8	3.2	3.3	3.3	3.3	3.4
174°	2.8	2.8	2.9	2.7	2.9	3.0	3.1	3.3	3.3	3.3	3.3
174.5°	2.9	2.9	2.9	2.8	2.7	2.8	2.9	3.2	3.3	3.3	3.3
175°	2.9	3.0	3.0	2.9	2.7	2.8	3.0	3.2	3.3	3.3	3.3
175.5°	3.0	3.0	3.0	2.9	2.7	2.7	3.0	3.2	3.3	3.3	3.2
176°	3.0	3.0	3.0	2.9	2.6	2.6	2.8	3.1	3.3	3.3	3.2
176.5°	3.0	3.0	3.1	3.0	2.8	2.7	2.8	3.0	3.2	3.3	3.2
177°	3.0	3.0	3.1	3.1	2.8	2.7	2.8	3.0	3.1	3.1	3.1
177.5°	3.0	3.1	3.1	3.0	2.7	2.6	2.7	2.9	3.1	3.1	3.1
178°	3.0	3.0	3.0	2.9	2.8	2.6	2.6	2.8	3.0	3.1	2.9
178.5°	3.1	3.1	3.0	2.8	2.6	2.5	2.5	2.7	2.9	3.1	2.9



TEST NUMBER: P563557

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-5000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
180°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8



TEST NUMBER: P563557

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-5000K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
0°	1615.1	1615.1	1615.1	1615.1	1615.1	1615.1	1615.1	1615.1	1615.1	1615.1	1615.1
0.5°	1615.5	1615.4	1615.3	1615.1	1615.0	1614.8	1614.6	1614.5	1614.5	1614.5	1614.5
1°	1615.4	1615.6	1615.8	1616.0	1615.8	1615.5	1615.1	1614.6	1614.3	1614.1	1614.0
1.5°	1615.9	1615.8	1615.3	1614.6	1614.0	1614.0	1614.0	1613.8	1613.5	1613.2	1613.2
2°	1615.8	1614.6	1613.3	1613.3	1613.2	1612.6	1612.4	1612.5	1612.2	1612.0	1612.0
2.5°	1614.6	1614.4	1614.5	1613.5	1613.4	1613.1	1612.1	1611.9	1611.6	1611.4	1611.0
3°	1613.9	1613.6	1613.2	1612.5	1612.5	1612.2	1611.8	1611.3	1610.0	1608.9	1609.2
3.5°	1612.6	1612.3	1612.2	1612.3	1611.6	1610.3	1610.1	1610.4	1608.4	1607.8	1607.5
4°	1612.3	1611.6	1610.9	1610.9	1610.7	1609.9	1608.7	1609.0	1608.0	1606.7	1605.6
4.5°	1609.4	1610.2	1608.7	1609.7	1609.7	1608.6	1607.3	1606.5	1606.0	1604.9	1604.1
5°	1608.7	1608.6	1608.3	1607.5	1607.9	1607.3	1606.2	1605.2	1604.6	1603.6	1601.5
5.5°	1607.7	1607.1	1606.8	1605.9	1606.2	1605.1	1604.8	1603.7	1603.1	1601.9	1599.6
6°	1605.9	1605.2	1604.4	1604.1	1603.9	1603.3	1602.9	1601.7	1600.7	1599.9	1597.1
6.5°	1603.6	1603.0	1602.6	1602.0	1601.5	1602.2	1601.1	1599.7	1597.9	1597.8	1594.9
7°	1601.6	1600.6	1601.1	1600.0	1599.7	1599.9	1599.1	1597.1	1595.4	1594.7	1592.7
7.5°	1598.9	1598.3	1598.4	1598.4	1597.2	1597.3	1596.3	1595.3	1592.7	1592.3	1590.5
8°	1596.4	1596.1	1595.6	1595.7	1595.2	1595.3	1593.2	1592.1	1590.4	1589.7	1587.1
8.5°	1593.1	1593.2	1592.7	1592.5	1592.9	1592.0	1591.7	1589.6	1588.5	1586.6	1584.3
9°	1590.0	1590.3	1589.9	1589.9	1590.3	1589.0	1588.5	1587.4	1584.9	1583.4	1581.2
9.5°	1587.3	1587.4	1586.6	1586.7	1586.8	1586.6	1585.0	1583.7	1581.2	1579.9	1577.3
10°	1583.7	1583.9	1583.2	1584.1	1583.6	1582.3	1582.4	1580.7	1578.3	1576.6	1573.8
10.5°	1580.2	1580.6	1579.1	1580.8	1580.3	1579.4	1579.5	1577.7	1575.4	1572.5	1570.4
11°	1575.8	1577.1	1576.4	1577.7	1577.1	1576.6	1576.1	1574.4	1571.6	1568.6	1566.2
11.5°	1571.7	1573.2	1572.3	1573.4	1573.4	1573.5	1572.2	1570.2	1567.3	1565.2	1561.9
12°	1567.7	1568.6	1568.3	1569.1	1570.0	1569.1	1568.4	1566.5	1564.0	1561.6	1557.8
12.5°	1563.5	1564.6	1564.5	1564.8	1566.1	1565.2	1564.4	1562.8	1560.4	1556.8	1554.0
13°	1559.1	1560.1	1559.6	1560.2	1561.4	1560.9	1560.7	1558.9	1556.7	1552.4	1549.7
13.5°	1554.0	1554.6	1554.7	1556.2	1556.9	1556.6	1556.4	1554.6	1551.5	1547.8	1544.2
14°	1548.6	1549.8	1550.6	1551.9	1552.6	1552.4	1552.0	1550.7	1546.9	1543.3	1539.4
14.5°	1543.3	1544.7	1545.7	1546.9	1548.2	1548.1	1547.6	1545.9	1543.0	1538.2	1534.3
15°	1537.9	1540.0	1540.5	1542.0	1543.9	1543.1	1543.1	1540.7	1538.4	1532.6	1529.2
15.5°	1532.3	1535.0	1535.7	1537.2	1539.1	1538.0	1538.5	1535.9	1532.9	1527.9	1524.0
16°	1526.2	1528.9	1530.1	1531.7	1533.5	1533.4	1533.4	1531.4	1527.7	1523.4	1518.8
16.5°	1520.5	1523.3	1524.5	1526.1	1527.9	1528.4	1527.9	1526.6	1523.0	1518.1	1512.9
17°	1514.2	1516.9	1518.4	1520.4	1522.9	1522.8	1522.7	1521.4	1517.5	1512.2	1506.6
17.5°	1507.9	1511.1	1512.8	1514.6	1517.7	1517.8	1518.3	1515.7	1511.8	1506.7	1500.8
18°	1501.7	1504.1	1506.9	1509.5	1511.7	1511.8	1512.2	1509.7	1505.8	1500.9	1494.4
18.5°	1494.7	1497.1	1500.9	1503.2	1505.9	1505.7	1505.7	1504.3	1500.1	1494.3	1487.7
19°	1487.5	1490.2	1493.9	1496.3	1499.8	1500.2	1500.3	1498.5	1494.7	1488.0	1481.7
19.5°	1480.2	1483.4	1487.1	1490.4	1493.3	1493.8	1494.2	1492.4	1488.4	1481.8	1474.8
20°	1473.8	1477.1	1480.5	1483.9	1486.8	1488.0	1488.0	1486.4	1482.2	1475.4	1468.1
20.5°	1466.3	1469.6	1473.8	1476.7	1480.7	1481.4	1481.4	1480.3	1475.9	1468.8	1461.1
21°	1458.5	1462.9	1466.2	1469.8	1473.6	1475.3	1475.3	1473.5	1469.2	1461.7	1454.2



TEST NUMBER: P563557

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-5000K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
22.5°	1434.5	1438.5	1443.6	1448.8	1452.8	1455.0	1454.9	1452.7	1448.4	1440.2	1432.5
23°	1426.1	1430.5	1436.1	1441.0	1445.4	1447.5	1447.7	1445.4	1441.3	1433.4	1424.2
23.5°	1417.7	1422.3	1427.9	1432.8	1438.4	1440.8	1440.9	1438.7	1433.9	1426.3	1416.6
24°	1408.6	1414.3	1419.4	1425.2	1430.4	1433.0	1433.5	1431.6	1426.7	1418.6	1408.8
24.5°	1399.9	1405.4	1411.4	1417.0	1422.5	1425.6	1426.5	1424.1	1419.1	1410.7	1400.7
25°	1391.3	1396.5	1403.2	1409.0	1414.6	1418.1	1419.1	1416.6	1411.3	1402.4	1392.2
25.5°	1382.1	1388.0	1394.3	1400.4	1406.3	1410.1	1411.0	1408.6	1403.5	1394.5	1384.3
26°	1372.8	1379.0	1385.7	1391.7	1398.4	1401.9	1402.6	1401.2	1395.7	1386.2	1375.6
26.5°	1363.4	1369.3	1376.5	1383.1	1390.4	1394.2	1394.8	1393.0	1387.2	1378.1	1367.0
27°	1353.5	1360.3	1367.4	1374.5	1381.4	1385.7	1386.6	1384.4	1379.2	1369.6	1358.2
27.5°	1344.0	1350.4	1358.2	1365.5	1373.3	1377.0	1378.1	1376.2	1370.8	1361.1	1349.2
28°	1333.7	1341.1	1348.3	1356.8	1364.2	1368.1	1369.4	1367.9	1362.1	1352.4	1340.0
28.5°	1323.8	1330.9	1339.3	1347.6	1354.9	1359.7	1361.0	1359.6	1353.5	1343.4	1331.4
29°	1313.5	1321.0	1329.8	1337.6	1346.4	1351.5	1352.7	1350.6	1344.8	1334.6	1321.9
29.5°	1302.7	1310.2	1319.7	1328.1	1337.0	1341.7	1344.1	1341.8	1335.5	1325.4	1312.1
30°	1292.7	1300.6	1309.9	1319.0	1327.6	1333.6	1334.4	1332.8	1326.2	1316.1	1302.8
30.5°	1282.0	1289.3	1299.8	1309.6	1318.1	1323.9	1325.0	1323.2	1317.9	1306.6	1293.0
31°	1270.3	1279.6	1289.8	1299.2	1308.7	1314.0	1316.4	1314.8	1308.3	1296.8	1283.3
31.5°	1259.3	1268.9	1279.3	1288.9	1299.3	1305.0	1306.8	1305.0	1298.4	1287.7	1273.5
32°	1248.4	1257.7	1268.6	1279.3	1288.9	1295.2	1296.9	1295.6	1289.5	1277.9	1263.4
32.5°	1237.2	1247.2	1258.4	1268.9	1278.8	1285.6	1287.6	1286.3	1279.3	1268.1	1253.5
33°	1225.9	1235.8	1247.8	1258.6	1269.5	1275.4	1278.1	1276.2	1269.9	1258.2	1242.7
33.5°	1214.4	1224.7	1236.7	1248.4	1258.8	1265.7	1267.7	1266.7	1259.9	1247.8	1232.4
34°	1202.9	1213.4	1225.8	1237.6	1247.9	1255.5	1257.8	1257.2	1249.9	1237.7	1222.1
34.5°	1191.7	1202.0	1214.7	1226.7	1237.8	1245.7	1248.0	1246.8	1239.3	1227.9	1212.8
35°	1179.8	1190.1	1203.4	1215.6	1227.6	1235.0	1238.0	1236.5	1229.5	1217.4	1202.6
35.5°	1167.2	1179.0	1192.1	1204.7	1216.9	1224.0	1227.5	1226.1	1219.3	1207.6	1191.2
36°	1155.2	1167.1	1180.7	1194.1	1205.6	1214.1	1217.1	1216.3	1209.1	1196.4	1179.9
36.5°	1143.3	1154.9	1169.4	1183.1	1195.0	1203.7	1206.8	1206.0	1198.2	1185.4	1168.5
37°	1131.2	1143.4	1157.7	1171.0	1184.6	1193.2	1196.0	1195.0	1187.3	1174.4	1157.2
37.5°	1119.3	1131.1	1146.0	1160.2	1173.2	1182.2	1185.2	1184.1	1176.4	1163.4	1145.9
38°	1106.8	1119.4	1134.6	1149.1	1162.4	1170.9	1174.3	1173.1	1165.5	1152.3	1134.7
38.5°	1094.9	1106.8	1123.0	1137.3	1150.2	1159.6	1163.4	1162.2	1154.5	1141.2	1123.1
39°	1082.3	1095.1	1110.8	1125.5	1139.2	1148.3	1152.2	1151.1	1143.3	1130.0	1112.0
39.5°	1070.2	1082.8	1098.7	1113.8	1127.7	1137.1	1140.7	1139.5	1131.9	1118.9	1100.1
40°	1057.3	1070.2	1086.5	1102.1	1116.2	1126.0	1129.7	1128.4	1120.8	1107.3	1088.7
40.5°	1044.4	1057.9	1074.0	1090.7	1104.2	1114.6	1118.3	1116.7	1109.4	1096.0	1077.2
41°	1031.5	1045.1	1062.0	1078.2	1092.9	1102.6	1106.5	1105.5	1097.9	1084.8	1065.5
41.5°	1019.5	1032.8	1049.9	1066.1	1080.7	1091.0	1095.2	1094.0	1086.7	1072.5	1053.2
42°	1007.0	1021.0	1037.6	1054.1	1068.9	1079.1	1083.0	1082.8	1074.6	1060.3	1041.3
42.5°	994.5	1008.2	1025.4	1042.0	1056.7	1067.2	1071.5	1070.8	1063.2	1048.9	1029.1
43°	981.7	994.8	1012.7	1029.8	1044.9	1056.2	1059.7	1059.0	1051.1	1037.2	1018.2
43.5°	968.5	982.9	1000.4	1017.6	1033.2	1043.6	1047.8	1047.1	1039.0	1025.2	1005.7



TEST NUMBER: P563557

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-5000K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
45°	930.7	944.8	962.9	980.4	996.8	1007.4	1011.5	1011.1	1003.3	988.5	968.9
45.5°	917.5	931.8	950.3	968.1	983.8	994.6	999.7	999.0	990.6	976.3	956.5
46°	904.6	918.8	937.6	955.4	971.3	982.9	987.0	986.5	978.1	964.3	944.2
46.5°	891.8	906.6	924.4	942.7	958.6	970.1	974.6	973.9	965.9	951.9	932.0
47°	879.2	893.3	911.8	930.5	946.7	958.2	962.6	961.6	953.5	939.3	919.4
47.5°	866.4	881.4	899.1	917.5	934.2	945.8	949.4	949.3	941.2	926.9	906.8
48°	853.6	867.8	886.4	904.9	921.5	933.2	937.1	936.4	928.7	914.6	894.4
48.5°	841.1	855.3	874.3	892.5	908.3	920.0	924.3	924.0	916.2	901.9	881.4
49°	828.1	842.9	861.7	879.7	896.4	907.6	911.9	911.6	903.9	889.2	869.2
49.5°	815.8	830.3	848.9	866.8	883.1	895.5	899.7	898.9	891.0	876.5	856.9
50°	803.3	817.1	836.0	853.8	871.1	882.6	887.0	886.3	878.4	864.2	844.1
50.5°	790.7	804.7	823.2	841.6	858.1	869.9	874.2	873.5	865.9	851.2	831.1
51°	777.8	792.1	810.6	829.1	845.6	856.9	861.1	860.6	852.5	838.5	818.6
51.5°	765.7	780.2	797.8	816.3	832.5	844.6	848.3	847.9	840.0	826.1	805.9
52°	753.3	767.0	785.3	803.2	820.0	830.9	835.8	835.1	827.3	812.8	793.1
52.5°	741.1	754.6	772.7	790.6	807.0	818.5	823.1	823.4	814.3	799.8	780.4
53°	728.8	742.3	759.9	778.1	794.5	805.5	811.0	810.5	801.4	787.2	767.9
53.5°	716.4	730.2	747.6	765.2	781.7	793.0	799.4	796.2	788.6	774.8	755.1
54°	704.1	716.7	735.3	752.5	768.9	779.8	785.5	783.1	775.3	761.6	742.7
54.5°	692.2	705.0	722.5	740.0	755.6	767.4	771.2	770.3	762.5	749.0	730.1
55°	679.7	693.0	710.1	727.4	743.1	754.2	758.2	757.1	749.5	736.1	717.1
55.5°	667.4	680.8	698.1	714.8	730.0	741.4	744.9	743.8	736.2	723.1	704.3
56°	655.4	668.4	685.5	701.9	717.3	727.9	731.9	732.3	723.6	710.1	691.7
56.5°	643.7	656.2	672.9	689.4	704.6	714.9	719.6	719.1	710.8	697.3	679.1
57°	632.1	644.1	660.2	677.0	691.8	702.2	708.1	704.4	698.1	684.5	666.4
57.5°	620.1	632.4	648.0	664.9	678.9	689.4	694.4	691.7	684.1	671.5	653.9
58°	608.2	620.4	636.2	652.2	665.9	676.4	679.3	678.6	671.2	658.6	641.1
58.5°	596.8	608.3	623.6	639.1	653.0	663.1	666.4	665.8	658.1	646.1	628.4
59°	585.3	596.4	611.2	626.4	640.6	650.1	653.6	652.9	645.4	632.9	615.6
59.5°	573.5	584.9	599.2	614.1	627.9	638.0	641.6	638.8	632.0	619.9	603.4
60°	562.4	573.3	587.1	602.0	616.1	625.1	628.0	625.8	619.0	607.2	590.3
60.5°	551.0	561.5	575.3	589.5	603.7	611.4	613.6	612.8	605.5	594.1	578.0
61°	539.7	549.9	563.7	577.3	590.1	597.8	600.2	599.8	592.7	581.1	565.5
61.5°	528.3	538.2	551.6	565.5	576.9	585.3	587.6	586.2	579.1	568.1	552.6
62°	517.0	526.4	539.6	553.1	568.0	573.7	575.4	573.2	566.0	555.6	540.1
62.5°	505.5	514.7	527.5	541.0	554.6	569.5	558.6	559.7	553.2	542.7	527.5
63°	494.3	503.4	515.3	528.3	542.1	553.6	545.6	546.9	540.3	529.8	515.6
63.5°	483.6	492.2	503.4	515.5	528.1	538.4	533.1	533.5	526.7	517.1	503.1
64°	472.9	481.1	491.7	502.9	514.0	523.1	520.4	520.1	513.9	504.4	490.7
64.5°	462.0	469.7	480.2	490.9	501.0	507.8	507.6	507.0	500.9	491.4	478.1
65°	451.3	458.8	468.9	479.1	488.2	494.2	494.6	494.1	488.1	478.6	466.2
65.5°	440.7	448.0	457.3	467.0	475.6	481.0	482.1	480.8	474.9	466.0	453.8
66°	430.0	437.1	445.7	455.3	463.2	469.3	469.2	467.6	462.1	453.4	441.4



TEST NUMBER: P563557

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-5000K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
67.5°	399.2	404.7	412.7	420.1	426.5	430.1	429.7	428.6	423.3	415.7	405.3
68°	388.8	394.2	401.5	408.3	414.2	417.7	416.6	415.7	410.4	403.0	392.8
68.5°	378.8	383.6	390.1	396.7	402.0	404.9	404.2	402.6	397.3	390.3	381.1
69°	368.6	372.9	379.3	385.0	389.7	392.3	391.1	389.5	384.4	378.1	369.1
69.5°	358.3	362.4	368.4	373.7	378.0	380.1	378.4	376.3	371.8	365.8	357.6
70°	348.1	352.3	357.6	362.5	366.1	367.2	365.2	363.7	359.2	353.4	345.6
70.5°	338.6	342.1	347.0	351.1	354.1	354.6	352.6	350.9	346.1	341.3	333.8
71°	329.0	332.1	336.4	340.0	342.2	342.4	339.6	338.2	333.9	328.7	321.9
71.5°	319.2	322.2	325.7	328.6	330.4	330.0	327.1	325.4	321.2	316.6	310.5
72°	309.5	312.1	315.1	317.6	318.7	317.8	314.6	312.7	308.5	304.4	299.1
72.5°	300.1	301.9	304.7	306.5	307.4	305.8	302.1	299.9	296.0	292.6	287.7
73°	290.4	292.0	294.3	295.6	295.9	293.6	289.6	287.3	283.6	280.5	276.1
73.5°	281.2	282.2	284.1	284.9	284.4	281.7	277.3	274.9	271.4	268.7	264.9
74°	272.1	272.8	274.2	274.4	273.0	269.7	264.9	262.5	259.4	256.8	253.7
74.5°	262.9	263.3	264.1	263.6	261.7	258.0	252.6	249.9	247.1	244.9	242.9
75°	253.7	253.7	254.0	252.8	250.4	246.2	240.6	237.9	235.2	233.5	232.0
75.5°	244.8	244.5	244.2	242.5	239.5	234.6	228.7	225.8	223.1	222.2	221.3
76°	236.0	235.3	234.4	232.2	228.6	223.1	216.8	213.8	211.4	210.9	210.3
76.5°	227.3	226.0	224.7	221.8	217.9	211.8	204.8	201.7	199.8	199.8	200.1
77°	218.5	217.0	215.4	212.2	207.1	200.5	193.4	190.0	188.3	188.6	189.7
77.5°	210.0	208.2	206.0	202.1	196.5	189.4	181.8	178.5	176.7	178.0	179.6
78°	201.7	199.5	196.6	192.3	186.1	178.5	170.6	167.0	165.7	167.1	169.1
78.5°	193.4	190.9	187.7	182.7	176.1	167.8	159.6	155.8	154.7	156.6	159.5
79°	185.3	182.5	178.7	173.3	166.1	157.3	148.7	145.2	144.3	146.9	150.4
79.5°	177.3	174.1	169.9	163.7	156.3	146.9	137.7	134.6	133.9	137.1	141.2
80°	169.4	166.0	161.4	154.7	146.5	136.5	127.3	124.0	123.5	127.4	132.1
80.5°	161.7	157.9	152.9	145.5	136.9	126.8	117.2	113.3	113.1	117.6	122.9
81°	154.3	150.2	144.7	137.0	127.7	117.1	107.2	103.2	103.3	107.9	113.8
81.5°	146.9	142.5	136.6	128.4	118.9	107.8	97.4	93.0	93.9	98.7	105.2
82°	139.6	134.9	128.8	120.3	109.9	98.6	88.0	83.4	84.5	89.8	96.8
82.5°	132.4	127.6	121.1	112.0	101.5	89.7	79.1	74.5	75.5	81.4	88.9
83°	125.7	120.6	113.7	104.4	93.3	81.1	70.3	65.7	67.1	73.3	81.2
83.5°	119.0	113.8	106.5	96.9	85.4	73.0	62.0	57.4	59.2	65.5	73.9
84°	112.5	107.1	99.6	89.6	77.8	65.1	54.1	49.4	51.2	58.0	66.9
84.5°	106.3	100.6	92.8	82.4	70.5	57.7	47.4	41.8	43.9	50.9	60.3
85°	100.1	94.3	86.2	75.9	63.7	51.6	40.7	34.8	36.9	44.4	54.0
85.5°	94.1	88.2	80.0	69.5	57.2	45.6	34.0	28.2	30.6	38.4	48.2
86°	88.4	82.4	74.1	63.5	51.9	39.5	27.4	23.5	24.8	32.8	42.8
86.5°	83.0	76.9	68.4	57.8	46.7	33.5	21.6	18.7	20.9	27.7	37.7
87°	77.7	71.5	62.9	53.1	41.4	27.5	16.7	13.9	17.1	23.2	33.0
87.5°	72.5	66.3	58.0	48.4	36.1	22.8	12.5	9.2	13.2	20.3	28.7
88°	67.6	61.4	53.6	43.7	30.9	18.7	8.9	4.4	9.4	17.4	25.0
88.5°	63.0	56.5	49.4	39.0	26.7	15.3	6.2	2.0	5.7	14.4	21.7



TEST NUMBER: P563557

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-5000K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
90°	51.0	45.1	36.9	27.2	17.0	7.9	2.8	0.6	2.4	7.2	15.2
90.5°	47.4	41.3	33.4	24.2	14.6	6.4	1.7	0.5	2.0	6.2	13.4
91°	43.8	37.9	30.3	21.4	12.5	5.7	1.3	0.3	1.8	5.4	11.6
91.5°	40.4	34.7	27.4	19.0	10.8	5.0	1.0	0.2	1.6	4.9	9.9
92°	37.2	31.7	24.7	16.9	9.4	4.2	0.8	0.3	1.4	4.6	9.0
92.5°	34.3	29.1	22.4	15.0	8.3	3.5	0.7	0.3	1.3	4.3	8.4
93°	31.7	26.6	20.3	13.5	7.4	3.2	0.6	0.4	1.2	4.0	7.8
93.5°	29.3	24.4	18.4	12.1	6.7	2.9	0.5	0.4	1.1	3.8	7.5
94°	27.0	22.4	16.8	11.0	6.2	2.6	0.5	0.5	1.1	3.7	7.1
94.5°	24.9	20.6	15.3	10.1	5.9	2.4	0.5	0.6	1.1	3.6	6.8
95°	23.0	18.9	14.1	9.4	5.5	2.2	0.6	0.6	1.1	3.6	6.6
95.5°	21.3	17.5	13.0	8.8	5.2	2.0	0.6	0.7	1.1	3.5	6.4
96°	19.8	16.2	12.2	8.3	4.8	1.9	0.8	0.8	1.1	3.4	6.2
96.5°	18.4	15.2	11.5	7.9	4.5	1.8	0.8	0.9	1.1	3.3	6.1
97°	17.2	14.2	10.9	7.5	4.3	1.7	0.9	0.9	1.1	3.2	6.0
97.5°	16.2	13.4	10.4	7.2	4.0	1.6	1.0	1.0	1.1	3.0	5.9
98°	15.3	12.8	9.9	6.8	3.8	1.5	1.1	1.1	1.1	3.0	5.8
98.5°	14.5	12.2	9.5	6.5	3.6	1.4	1.1	1.3	1.2	2.9	5.7
99°	13.9	11.7	9.1	6.2	3.4	1.4	1.2	1.4	1.3	2.9	5.6
99.5°	13.3	11.3	8.7	5.9	3.2	1.4	1.3	1.5	1.4	2.9	5.5
100°	12.8	10.9	8.3	5.6	3.1	1.4	1.4	1.7	1.5	2.9	5.4
100.5°	12.3	10.4	8.0	5.3	2.9	1.3	1.5	1.8	1.6	2.8	5.2
101°	11.9	10.0	7.6	5.0	2.7	1.3	1.5	1.9	1.7	2.8	5.1
101.5°	11.5	9.6	7.3	4.7	2.5	1.4	1.6	2.0	1.7	2.7	5.0
102°	11.0	9.2	7.0	4.5	2.4	1.4	1.7	2.1	1.8	2.6	4.9
102.5°	10.6	8.8	6.7	4.3	2.3	1.4	1.8	2.1	1.9	2.5	4.8
103°	10.2	8.5	6.4	4.1	2.1	1.4	1.9	2.2	2.0	2.4	4.7
103.5°	9.8	8.2	6.1	3.9	2.1	1.5	1.9	2.2	2.1	2.4	4.6
104°	9.5	7.8	5.9	3.7	2.0	1.6	2.0	2.3	2.1	2.3	4.5
104.5°	9.1	7.5	5.6	3.5	2.0	1.7	2.1	2.3	2.2	2.3	4.4
105°	8.7	7.2	5.4	3.4	2.0	1.8	2.3	2.4	2.3	2.3	4.2
105.5°	8.4	6.9	5.1	3.2	2.0	1.9	2.6	2.5	2.4	2.3	4.1
106°	8.1	6.6	4.9	3.0	1.9	1.9	3.0	2.6	2.5	2.2	4.0
106.5°	7.7	6.4	4.7	2.9	1.9	1.9	3.2	2.6	2.7	2.2	3.8
107°	7.4	6.1	4.4	2.8	1.9	2.0	3.5	2.7	3.0	2.1	3.7
107.5°	7.1	5.8	4.2	2.7	1.9	2.0	3.6	2.7	3.2	2.1	3.6
108°	6.8	5.6	4.0	2.6	1.9	2.1	3.5	2.8	3.2	2.2	3.5
108.5°	6.6	5.3	3.9	2.5	2.0	2.2	3.5	2.8	3.1	2.2	3.4
109°	6.3	5.1	3.7	2.4	2.1	2.2	3.4	2.9	3.1	2.3	3.3
109.5°	6.1	4.8	3.5	2.3	2.1	2.3	3.3	2.9	3.2	2.3	3.2
110°	5.8	4.6	3.4	2.3	2.1	2.4	3.3	2.9	3.2	2.4	3.1
110.5°	5.6	4.4	3.2	2.2	2.2	2.5	3.3	3.0	3.3	2.5	3.1
111°	5.3	4.2	3.1	2.2	2.2	2.6	3.3	3.0	3.4	2.5	3.0



TEST NUMBER: P563557

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-5000K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
112.5°	4.7	3.7	2.7	2.2	2.3	2.9	3.4	3.1	3.7	2.7	2.9
113°	4.5	3.6	2.7	2.2	2.3	3.1	3.4	3.1	3.7	2.7	2.9
113.5°	4.3	3.5	2.6	2.2	2.4	3.2	3.5	3.2	3.8	2.8	2.8
114°	4.1	3.3	2.6	2.2	2.5	3.4	3.5	3.2	3.8	2.8	2.7
114.5°	4.0	3.2	2.6	2.2	2.6	3.6	3.6	3.2	3.9	2.9	2.6
115°	3.8	3.2	2.6	2.3	2.7	3.7	3.6	3.2	3.9	2.9	2.5
115.5°	3.7	3.1	2.5	2.3	2.8	3.8	3.6	3.2	3.9	3.0	2.5
116°	3.5	3.0	2.5	2.4	2.9	4.0	3.7	3.2	4.0	3.1	2.5
116.5°	3.4	3.0	2.5	2.5	2.9	4.1	3.7	3.2	4.0	3.1	2.5
117°	3.3	2.9	2.4	2.6	3.0	4.2	3.8	3.2	4.0	3.2	2.6
117.5°	3.2	2.9	2.4	2.6	3.1	4.2	3.8	3.2	4.1	3.3	2.7
118°	3.1	2.8	2.4	2.7	3.2	4.2	3.9	3.2	4.1	3.3	2.7
118.5°	3.1	2.7	2.4	2.8	3.3	4.4	3.9	3.2	4.2	3.4	2.8
119°	3.0	2.7	2.5	2.9	3.4	4.6	4.0	3.2	4.2	3.5	2.8
119.5°	2.9	2.6	2.5	2.9	3.4	4.7	4.0	3.2	4.2	3.6	2.9
120°	2.9	2.6	2.5	3.0	3.5	4.8	4.0	3.2	4.2	3.7	3.0
120.5°	2.8	2.5	2.6	3.1	3.6	4.9	4.1	3.2	4.3	3.8	3.1
121°	2.7	2.5	2.6	3.1	3.7	5.0	4.1	3.2	4.3	3.9	3.1
121.5°	2.7	2.5	2.7	3.2	3.7	5.0	4.1	3.2	4.3	3.9	3.2
122°	2.6	2.5	2.8	3.2	3.8	5.0	4.1	3.3	4.3	3.9	3.2
122.5°	2.6	2.5	2.8	3.3	4.0	5.0	4.0	3.3	4.3	3.8	3.2
123°	2.5	2.5	2.9	3.4	4.1	4.9	4.0	3.3	4.3	3.9	3.3
123.5°	2.5	2.6	2.9	3.4	4.1	4.8	4.0	3.3	4.4	3.9	3.3
124°	2.5	2.6	3.0	3.5	4.2	4.7	3.9	3.3	4.4	4.0	3.4
124.5°	2.5	2.6	3.1	3.5	4.3	4.6	3.9	3.3	4.4	4.0	3.4
125°	2.5	2.7	3.1	3.6	4.4	4.6	3.9	3.3	4.4	4.1	3.5
125.5°	2.5	2.7	3.2	3.7	4.6	4.5	3.8	3.3	4.4	4.1	3.5
126°	2.5	2.8	3.3	3.7	4.8	4.5	3.8	3.3	4.4	4.1	3.6
126.5°	2.6	2.8	3.3	3.8	4.9	4.4	3.8	3.3	4.4	4.2	3.6
127°	2.6	2.9	3.4	3.9	4.9	4.4	3.8	3.3	4.4	4.2	3.7
127.5°	2.7	2.9	3.4	4.0	4.9	4.4	3.8	3.3	4.4	4.2	3.7
128°	2.7	3.0	3.5	4.0	5.0	4.3	3.8	3.3	4.4	4.2	3.7
128.5°	2.7	3.1	3.5	4.1	5.1	4.3	3.7	3.3	4.4	4.2	3.8
129°	2.8	3.1	3.6	4.2	5.1	4.3	3.7	3.3	4.4	4.2	4.0
129.5°	2.8	3.1	3.6	4.3	5.2	4.3	3.7	3.3	4.4	4.3	4.1
130°	2.9	3.2	3.7	4.4	5.2	4.3	3.7	3.3	4.3	4.3	4.2
130.5°	2.9	3.3	3.8	4.5	5.3	4.3	3.7	3.4	4.4	4.4	4.2
131°	3.0	3.3	3.8	4.5	5.3	4.3	3.7	3.4	4.4	4.4	4.2
131.5°	3.0	3.4	3.9	4.6	5.4	4.3	3.7	3.4	4.4	4.4	4.1
132°	3.1	3.4	3.9	4.7	5.4	4.3	3.7	3.4	4.4	4.4	4.1
132.5°	3.1	3.5	4.0	4.8	5.4	4.2	3.7	3.4	4.4	4.5	4.1
133°	3.1	3.5	4.1	4.9	5.3	4.2	3.7	3.4	4.4	4.5	4.1
133.5°	3.2	3.6	4.2	5.1	5.3	4.2	3.7	3.4	4.3	4.5	4.1



TEST NUMBER: P563557

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-5000K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
135°	3.4	3.8	4.4	5.3	5.2	4.1	3.7	3.4	4.3	4.5	4.1
135.5°	3.4	3.9	4.5	5.4	5.1	4.1	3.7	3.4	4.3	4.5	4.1
136°	3.5	3.9	4.5	5.4	5.1	4.1	3.7	3.4	4.3	4.5	4.1
136.5°	3.5	4.0	4.6	5.4	5.0	4.1	3.7	3.4	4.3	4.5	4.2
137°	3.6	4.0	4.7	5.5	5.0	4.1	3.8	3.4	4.2	4.5	4.2
137.5°	3.7	4.1	4.7	5.5	4.9	4.1	3.8	3.4	4.2	4.5	4.2
138°	3.7	4.2	4.9	5.6	4.8	4.1	3.8	3.4	4.2	4.5	4.2
138.5°	3.8	4.3	5.0	5.6	4.8	4.1	3.8	3.4	4.0	4.4	4.2
139°	3.8	4.3	5.1	5.6	4.7	4.1	3.8	3.4	4.0	4.5	4.2
139.5°	3.9	4.4	5.1	5.6	4.6	4.1	3.8	3.4	4.0	4.5	4.2
140°	4.0	4.4	5.2	5.5	4.6	4.1	3.9	3.4	4.1	4.5	4.2
140.5°	4.0	4.5	5.3	5.5	4.5	4.2	3.8	3.4	4.1	4.6	4.2
141°	4.1	4.5	5.3	5.4	4.4	4.2	3.8	3.4	4.1	4.6	4.2
141.5°	4.2	4.7	5.3	5.3	4.4	4.2	3.8	3.4	4.1	4.6	4.2
142°	4.2	4.8	5.4	5.2	4.3	4.2	3.9	3.3	4.1	4.6	4.2
142.5°	4.3	4.9	5.4	5.2	4.3	4.2	3.8	3.2	4.0	4.6	4.2
143°	4.3	5.0	5.4	5.1	4.2	4.2	3.8	3.2	4.0	4.5	4.1
143.5°	4.4	5.1	5.4	5.0	4.2	4.2	3.7	3.2	4.0	4.4	4.1
144°	4.5	5.1	5.4	4.9	4.2	4.2	3.8	3.3	4.0	4.4	4.2
144.5°	4.6	5.1	5.4	4.8	4.1	4.1	3.8	3.3	4.0	4.5	4.3
145°	4.8	5.2	5.3	4.7	4.1	4.1	3.8	3.3	3.9	4.6	4.3
145.5°	4.9	5.2	5.2	4.7	4.1	4.1	3.8	3.3	3.9	4.6	4.2
146°	5.0	5.2	5.2	4.6	4.1	4.1	3.8	3.3	3.9	4.6	4.2
146.5°	5.0	5.1	5.1	4.5	4.0	4.1	3.8	3.3	3.8	4.6	4.3
147°	5.0	5.1	5.0	4.4	4.0	4.1	3.8	3.3	3.8	4.6	4.3
147.5°	5.0	5.1	4.9	4.3	4.0	4.1	3.7	3.3	3.8	4.6	4.4
148°	4.9	5.1	4.8	4.2	4.0	3.9	3.6	3.3	3.8	4.6	4.4
148.5°	4.9	5.0	4.7	4.1	4.0	3.9	3.7	3.4	3.8	4.5	4.4
149°	4.9	5.0	4.6	4.1	3.9	3.9	3.7	3.3	3.7	4.5	4.4
149.5°	4.8	4.9	4.5	4.0	3.9	4.0	3.7	3.3	3.7	4.5	4.5
150°	4.8	4.8	4.4	4.0	3.9	4.0	3.7	3.3	3.7	4.5	4.5
150.5°	4.8	4.7	4.3	3.9	3.8	3.9	3.7	3.3	3.7	4.4	4.4
151°	4.8	4.6	4.2	3.9	3.8	3.9	3.7	3.3	3.7	4.4	4.3
151.5°	4.8	4.5	4.1	3.8	3.8	3.9	3.6	3.3	3.7	4.4	4.3
152°	4.7	4.4	4.0	3.8	3.8	3.9	3.6	3.3	3.6	4.3	4.4
152.5°	4.6	4.3	4.0	3.7	3.8	3.9	3.6	3.3	3.4	4.2	4.5
153°	4.5	4.2	3.9	3.7	3.8	3.8	3.5	3.2	3.3	4.2	4.5
153.5°	4.4	4.1	3.8	3.7	3.8	3.8	3.5	3.2	3.2	4.1	4.5
154°	4.3	4.0	3.7	3.7	3.8	3.8	3.5	3.1	3.2	4.0	4.5
154.5°	4.2	3.9	3.7	3.6	3.8	3.8	3.5	3.1	3.1	3.8	4.4
155°	4.1	3.9	3.6	3.6	3.8	3.6	3.5	3.1	3.0	3.7	4.2
155.5°	4.0	3.8	3.6	3.6	3.7	3.5	3.4	3.0	3.0	3.5	4.0
156°	3.9	3.7	3.5	3.6	3.6	3.5	3.4	2.9	3.0	3.4	3.8



TEST NUMBER: P563557

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-5000K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
157.5°	3.7	3.5	3.5	3.6	3.5	3.4	2.9	2.8	3.0	3.3	3.8
158°	3.6	3.5	3.5	3.6	3.7	3.4	2.8	2.9	2.9	3.3	3.8
158.5°	3.5	3.4	3.5	3.6	3.7	3.4	2.8	2.9	2.9	3.2	3.7
159°	3.5	3.4	3.5	3.6	3.6	3.3	2.8	2.8	2.9	3.2	3.6
159.5°	3.4	3.4	3.5	3.5	3.5	3.3	2.8	2.8	2.9	3.2	3.6
160°	3.4	3.4	3.5	3.5	3.5	3.3	2.8	2.8	2.9	3.2	3.5
160.5°	3.4	3.4	3.5	3.5	3.4	3.4	2.8	2.8	2.9	3.1	3.5
161°	3.4	3.4	3.5	3.5	3.5	3.3	2.8	2.8	2.9	3.1	3.4
161.5°	3.4	3.4	3.5	3.6	3.6	3.1	2.8	2.8	2.9	3.1	3.4
162°	3.4	3.4	3.5	3.6	3.5	2.9	2.8	2.7	2.9	3.0	3.4
162.5°	3.4	3.5	3.6	3.6	3.4	2.8	2.7	2.7	2.8	3.0	3.3
163°	3.4	3.5	3.6	3.6	3.3	2.8	2.7	2.7	2.8	3.0	3.3
163.5°	3.4	3.5	3.6	3.6	3.1	2.8	2.7	2.7	2.8	3.0	3.2
164°	3.4	3.5	3.6	3.5	2.9	2.7	2.7	2.7	2.8	2.9	3.2
164.5°	3.4	3.5	3.6	3.5	2.9	2.7	2.7	2.7	2.8	2.9	3.2
165°	3.5	3.5	3.6	3.4	2.8	2.7	2.7	2.7	2.8	2.9	3.1
165.5°	3.5	3.6	3.6	3.3	2.8	2.7	2.7	2.7	2.8	2.9	3.1
166°	3.5	3.6	3.6	3.3	2.8	2.7	2.7	2.7	2.8	2.9	3.1
166.5°	3.5	3.6	3.6	3.3	2.8	2.7	2.7	2.7	2.8	2.9	3.1
167°	3.6	3.6	3.6	3.2	2.8	2.7	2.7	2.7	2.8	2.9	3.1
167.5°	3.6	3.6	3.5	3.0	2.7	2.7	2.8	2.7	2.8	2.9	3.1
168°	3.6	3.6	3.4	2.9	2.7	2.7	2.8	2.7	2.8	2.9	3.0
168.5°	3.6	3.6	3.4	2.8	2.7	2.7	2.8	2.8	2.8	2.9	3.0
169°	3.6	3.6	3.3	2.8	2.7	2.7	2.8	2.8	2.8	2.9	3.0
169.5°	3.6	3.6	3.3	2.8	2.7	2.8	2.8	2.8	2.8	2.9	3.0
170°	3.6	3.5	3.3	2.8	2.7	2.8	3.0	2.9	2.8	2.9	3.1
170.5°	3.6	3.4	2.9	2.8	2.7	2.9	3.1	3.1	2.8	3.1	3.4
171°	3.6	3.3	2.8	2.7	2.8	3.0	3.2	3.1	2.8	3.4	3.4
171.5°	3.5	3.3	2.8	2.7	2.8	3.0	3.2	3.1	3.1	3.3	3.4
172°	3.5	3.2	2.7	2.7	2.8	3.2	3.2	3.1	3.1	3.3	3.3
172.5°	3.4	3.1	2.7	2.7	2.9	3.2	3.2	3.2	3.1	3.3	3.3
173°	3.3	3.1	2.7	2.7	2.9	3.2	3.2	3.2	3.1	3.2	3.3
173.5°	3.3	3.0	2.7	2.7	3.0	3.2	3.2	3.2	3.2	3.2	3.3
174°	3.2	2.8	2.6	2.7	3.0	3.2	3.2	3.2	3.2	3.2	3.3
174.5°	3.1	2.7	2.6	2.8	3.1	3.2	3.2	3.2	3.2	3.2	3.3
175°	3.1	2.7	2.7	2.8	3.2	3.2	3.2	3.2	3.2	3.2	3.2
175.5°	3.0	2.8	2.7	2.8	3.1	3.2	3.2	3.2	3.2	3.2	3.2
176°	3.0	2.8	2.7	2.9	3.1	3.2	3.2	3.2	3.2	3.2	3.2
176.5°	3.0	2.8	2.7	2.9	3.0	3.2	3.2	3.2	3.2	3.2	3.2
177°	3.0	2.9	2.8	2.9	3.1	3.2	3.2	3.2	3.2	3.2	3.2
177.5°	2.9	2.8	2.7	2.9	3.1	3.2	3.2	3.1	3.1	3.1	3.1
178°	2.7	2.6	2.6	2.7	2.9	3.0	3.1	3.1	3.1	3.0	3.0
178.5°	2.8	2.6	2.6	2.7	2.8	2.9	2.9	3.0	3.0	3.1	3.1



TEST NUMBER: P563557

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-5000K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
180°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8



TEST NUMBER: P563557

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-5000K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
0°	1615.1	1615.1	1615.1	1615.1	1615.1	1615.1	1615.1	1615.1	1615.1	1615.1	1615.1
0.5°	1614.5	1614.6	1614.6	1614.6	1614.6	1614.6	1614.7	1614.7	1614.8	1614.8	1614.8
1°	1614.1	1614.1	1613.8	1613.5	1613.2	1612.9	1613.1	1613.4	1613.8	1614.2	1614.4
1.5°	1613.2	1613.2	1613.2	1613.1	1612.9	1612.9	1613.0	1613.3	1613.5	1613.6	1613.8
2°	1611.8	1611.8	1611.7	1611.3	1611.1	1611.0	1611.3	1611.7	1612.1	1612.5	1612.6
2.5°	1610.9	1610.7	1610.0	1609.4	1609.4	1609.7	1609.7	1609.8	1610.4	1611.1	1611.5
3°	1609.3	1609.1	1608.3	1608.0	1608.2	1608.4	1608.4	1608.3	1608.8	1609.5	1609.7
3.5°	1606.8	1606.7	1606.5	1605.9	1606.1	1606.6	1606.9	1607.1	1607.5	1608.1	1608.7
4°	1605.6	1605.4	1604.7	1604.2	1604.4	1604.9	1605.2	1605.3	1605.4	1606.1	1606.6
4.5°	1603.1	1602.7	1602.6	1602.6	1602.5	1602.2	1602.4	1602.9	1603.2	1604.2	1605.4
5°	1601.1	1600.8	1599.9	1599.6	1599.1	1598.9	1599.5	1600.4	1601.4	1602.6	1604.0
5.5°	1599.0	1598.3	1597.7	1597.1	1596.8	1597.1	1597.1	1597.8	1599.1	1600.7	1602.2
6°	1596.1	1595.5	1595.0	1594.5	1594.4	1594.1	1594.0	1594.7	1596.1	1597.4	1599.3
6.5°	1593.3	1592.2	1591.7	1591.3	1591.0	1591.3	1591.3	1592.2	1593.5	1595.0	1597.1
7°	1591.0	1589.9	1588.6	1587.8	1588.0	1588.3	1588.6	1589.4	1591.0	1592.1	1595.0
7.5°	1588.3	1587.2	1585.3	1584.8	1584.2	1583.6	1584.4	1585.8	1587.3	1589.2	1591.9
8°	1584.6	1583.7	1582.1	1581.0	1580.4	1580.5	1581.0	1582.3	1583.9	1585.7	1588.7
8.5°	1581.1	1579.3	1578.4	1577.4	1576.5	1576.9	1577.2	1578.6	1580.7	1582.5	1585.5
9°	1577.1	1575.6	1574.5	1573.2	1572.9	1572.9	1573.0	1574.3	1576.8	1579.6	1583.1
9.5°	1573.9	1572.1	1570.0	1569.1	1568.7	1568.4	1568.6	1570.4	1572.8	1575.8	1579.6
10°	1571.1	1568.2	1566.1	1564.7	1564.3	1564.3	1564.1	1566.0	1568.9	1572.1	1575.6
10.5°	1566.6	1564.1	1561.6	1559.9	1559.3	1558.6	1559.7	1561.8	1564.5	1568.1	1572.4
11°	1562.0	1559.5	1557.0	1555.5	1554.6	1554.5	1554.9	1556.7	1560.1	1563.4	1568.2
11.5°	1557.5	1554.7	1552.1	1550.4	1549.6	1549.0	1550.0	1551.9	1555.4	1559.9	1563.4
12°	1553.6	1549.8	1547.0	1545.3	1544.2	1543.9	1545.2	1547.5	1550.8	1555.7	1560.3
12.5°	1549.2	1545.2	1542.2	1540.4	1539.3	1538.1	1539.8	1542.1	1545.7	1550.4	1556.3
13°	1544.4	1539.9	1536.8	1534.6	1532.7	1532.3	1534.2	1536.6	1540.0	1545.5	1551.0
13.5°	1538.7	1534.3	1531.1	1528.5	1526.8	1526.6	1528.3	1530.5	1534.7	1540.0	1546.5
14°	1533.9	1529.1	1525.5	1522.8	1520.8	1521.4	1522.0	1524.8	1529.5	1535.6	1540.8
14.5°	1528.5	1523.1	1519.8	1517.1	1514.2	1514.6	1516.4	1518.9	1523.7	1530.0	1536.1
15°	1522.9	1517.5	1514.0	1510.5	1508.6	1508.3	1509.8	1513.1	1517.4	1524.0	1530.7
15.5°	1517.6	1511.9	1507.3	1503.7	1502.3	1501.4	1503.1	1506.5	1511.6	1518.1	1525.3
16°	1511.9	1505.9	1500.8	1496.9	1494.6	1494.5	1496.0	1499.7	1505.0	1511.8	1519.2
16.5°	1505.7	1499.6	1494.4	1490.2	1488.1	1488.2	1489.6	1493.0	1498.8	1505.7	1513.2
17°	1499.6	1493.1	1487.9	1483.7	1481.4	1480.9	1482.5	1486.1	1492.1	1500.0	1507.3
17.5°	1493.3	1486.6	1481.1	1476.7	1474.1	1473.4	1475.5	1478.8	1484.9	1493.2	1501.8
18°	1486.7	1479.5	1473.9	1469.0	1466.3	1465.4	1467.1	1472.2	1478.3	1486.5	1495.5
18.5°	1479.9	1472.8	1466.3	1461.0	1458.7	1458.3	1460.0	1464.8	1471.7	1479.8	1488.9
19°	1473.7	1465.3	1458.6	1453.4	1451.5	1449.8	1451.6	1456.7	1463.5	1472.5	1481.5
19.5°	1466.0	1457.8	1451.0	1445.6	1443.4	1442.0	1444.0	1448.6	1455.8	1465.7	1475.1
20°	1459.3	1450.9	1443.5	1437.6	1434.5	1433.9	1436.5	1441.0	1448.7	1458.4	1469.2
20.5°	1452.2	1443.2	1435.7	1429.3	1425.7	1425.4	1428.0	1433.4	1441.0	1451.1	1462.2
21°	1444.4	1435.6	1427.6	1420.9	1417.0	1416.8	1419.4	1424.8	1433.2	1443.8	1454.5



TEST NUMBER: P563557

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-5000K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
22.5°	1421.4	1410.9	1402.1	1395.4	1390.5	1389.7	1392.0	1397.9	1407.5	1420.0	1431.8
23°	1413.8	1402.6	1393.7	1386.2	1381.5	1381.2	1383.1	1389.4	1399.2	1411.7	1424.6
23.5°	1405.3	1393.6	1384.4	1377.0	1372.9	1371.1	1373.5	1380.1	1390.5	1403.0	1416.5
24°	1397.2	1385.2	1375.2	1366.9	1362.9	1361.2	1363.5	1371.1	1381.1	1394.2	1407.9
24.5°	1388.7	1376.6	1365.8	1357.2	1353.2	1351.0	1354.4	1362.4	1372.7	1385.7	1399.8
25°	1381.2	1367.7	1357.3	1348.2	1343.9	1341.3	1344.7	1352.9	1363.6	1377.0	1391.1
25.5°	1371.4	1358.4	1347.8	1338.4	1333.2	1331.4	1334.6	1342.4	1353.6	1367.7	1383.0
26°	1362.4	1349.0	1337.6	1328.7	1323.5	1321.2	1324.7	1332.6	1344.7	1359.1	1374.6
26.5°	1353.6	1339.8	1327.6	1318.5	1313.5	1311.0	1313.9	1322.7	1334.9	1349.9	1365.4
27°	1345.0	1330.9	1318.0	1307.8	1302.5	1301.0	1303.8	1312.2	1325.1	1340.2	1356.3
27.5°	1335.6	1320.4	1307.9	1297.2	1291.3	1290.7	1293.5	1301.8	1314.8	1331.1	1346.9
28°	1325.7	1310.7	1298.0	1286.9	1281.3	1279.6	1283.2	1292.4	1305.3	1321.3	1338.3
28.5°	1316.6	1301.5	1287.9	1277.1	1270.7	1268.6	1272.0	1281.5	1295.2	1311.2	1328.0
29°	1307.1	1291.0	1277.4	1265.9	1259.4	1258.5	1261.9	1270.3	1284.0	1301.0	1318.7
29.5°	1297.3	1280.6	1266.8	1255.0	1248.7	1246.7	1249.6	1259.6	1273.9	1291.5	1309.7
30°	1287.4	1270.3	1256.1	1244.2	1237.3	1235.5	1239.4	1249.1	1263.5	1281.6	1299.9
30.5°	1277.2	1260.2	1245.4	1233.1	1226.7	1224.2	1227.9	1237.8	1252.5	1270.9	1289.7
31°	1267.1	1249.6	1234.6	1222.2	1215.3	1212.9	1217.1	1227.1	1241.9	1260.3	1280.1
31.5°	1256.7	1239.1	1223.7	1210.9	1203.6	1201.1	1205.5	1216.1	1231.4	1250.3	1269.7
32°	1246.2	1228.7	1212.9	1199.2	1191.9	1189.4	1193.8	1204.4	1220.7	1239.7	1259.6
32.5°	1236.4	1218.0	1201.6	1187.4	1180.1	1177.7	1182.2	1192.8	1209.6	1229.3	1249.3
33°	1225.6	1206.7	1190.3	1175.6	1168.4	1166.0	1170.5	1181.1	1198.1	1218.7	1239.2
33.5°	1214.4	1195.4	1179.0	1163.7	1156.6	1154.2	1158.9	1169.5	1186.6	1207.7	1228.7
34°	1205.2	1184.3	1167.8	1152.6	1144.1	1142.3	1146.3	1157.7	1175.1	1196.6	1218.1
34.5°	1193.8	1173.1	1156.4	1141.5	1132.5	1129.9	1134.5	1146.5	1163.7	1185.4	1207.9
35°	1182.6	1161.7	1143.9	1129.5	1120.6	1117.7	1122.8	1134.8	1152.3	1174.3	1197.0
35.5°	1171.4	1150.4	1132.3	1117.6	1108.6	1105.7	1110.6	1123.1	1140.4	1163.1	1186.0
36°	1160.1	1139.2	1120.9	1105.0	1096.0	1093.3	1098.2	1110.0	1128.6	1152.0	1175.1
36.5°	1148.7	1127.4	1108.2	1092.9	1083.3	1081.2	1085.9	1098.4	1116.6	1139.8	1164.2
37°	1137.2	1115.1	1096.4	1081.0	1070.9	1068.2	1073.4	1086.5	1104.8	1128.1	1152.8
37.5°	1125.7	1103.3	1084.4	1068.8	1059.4	1056.0	1061.2	1073.9	1092.5	1116.2	1141.4
38°	1113.8	1091.3	1072.0	1055.8	1046.2	1044.1	1048.5	1061.9	1080.9	1104.6	1129.2
38.5°	1102.2	1079.7	1059.9	1043.7	1034.0	1030.7	1036.3	1049.5	1068.8	1093.0	1117.8
39°	1090.6	1067.9	1047.5	1031.2	1021.6	1018.6	1024.2	1037.4	1056.7	1081.1	1106.4
39.5°	1078.6	1056.1	1035.6	1018.8	1009.4	1005.9	1011.0	1024.6	1044.3	1069.0	1094.9
40°	1067.1	1043.7	1023.3	1006.6	996.4	993.4	998.8	1012.2	1031.9	1057.0	1083.1
40.5°	1055.2	1031.5	1011.0	993.9	983.6	980.7	985.6	999.3	1020.2	1044.9	1071.6
41°	1043.3	1019.2	998.5	981.0	971.0	968.0	973.7	987.3	1007.4	1032.9	1059.4
41.5°	1031.1	1007.2	986.2	968.9	958.5	955.6	960.5	974.8	995.3	1020.8	1047.5
42°	1018.8	994.7	973.4	956.3	945.4	942.6	948.3	961.9	982.8	1008.3	1036.1
42.5°	1007.2	982.8	961.0	943.7	932.9	930.2	935.5	949.6	970.8	995.8	1023.3
43°	995.2	970.0	948.8	931.0	919.9	917.8	923.3	937.2	958.2	984.0	1011.6
43.5°	982.8	957.9	936.1	918.1	907.8	904.7	910.2	924.1	945.1	971.9	999.4



TEST NUMBER: P563557

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-5000K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
45°	945.7	920.0	898.1	880.5	870.2	866.6	871.9	886.6	907.4	934.6	962.9
45.5°	933.4	907.9	886.2	867.8	857.4	854.2	859.9	874.1	895.1	922.0	950.3
46°	921.0	895.6	873.2	855.5	844.5	842.1	847.4	861.9	883.1	909.5	938.2
46.5°	908.4	883.0	860.9	842.9	832.1	829.3	834.7	849.5	870.7	897.1	925.5
47°	896.2	870.2	848.2	830.3	819.3	816.6	822.4	836.5	857.9	884.5	913.6
47.5°	883.4	857.8	835.9	817.9	807.0	804.5	809.9	824.1	845.3	872.1	900.9
48°	870.5	845.6	822.8	805.3	794.8	791.6	796.9	811.4	832.8	859.4	888.2
48.5°	858.0	832.9	810.8	793.1	782.6	779.3	785.1	799.0	820.3	847.0	875.4
49°	845.8	820.3	798.3	780.9	769.8	766.9	772.9	787.0	808.4	835.0	862.9
49.5°	833.8	807.8	786.2	768.6	757.4	755.2	760.4	774.7	795.5	822.3	850.9
50°	820.2	795.4	773.4	756.0	745.2	742.6	748.6	762.1	783.6	809.6	838.6
50.5°	808.3	782.8	760.5	743.5	733.4	730.6	735.6	749.6	770.9	797.0	825.8
51°	795.5	770.1	748.8	731.6	721.0	719.0	723.9	737.6	758.3	784.7	813.6
51.5°	782.8	757.8	736.7	719.6	708.9	706.7	712.1	726.0	746.3	772.4	800.8
52°	769.9	745.8	724.5	707.6	696.9	694.5	700.0	714.1	734.3	760.6	788.3
52.5°	757.5	733.4	712.3	695.4	685.3	683.2	688.0	701.9	722.3	748.1	775.8
53°	745.1	721.0	699.7	683.2	673.2	671.4	676.2	689.8	710.0	735.6	763.4
53.5°	732.7	708.7	687.5	671.4	661.3	659.3	664.8	677.7	698.1	723.4	751.6
54°	720.3	696.6	675.4	659.6	649.6	646.9	652.4	665.5	685.8	711.0	738.9
54.5°	707.8	683.9	663.4	647.6	637.8	635.8	641.2	653.9	673.9	698.7	726.0
55°	695.2	671.3	651.5	636.0	626.1	624.1	629.3	642.3	661.8	686.8	713.6
55.5°	683.2	659.5	639.5	624.1	615.1	612.9	618.0	630.5	649.8	674.5	700.9
56°	670.4	647.2	627.5	612.6	603.4	601.5	606.5	618.6	637.8	662.4	688.9
56.5°	657.9	634.9	616.0	601.1	591.6	589.7	595.2	607.4	626.3	650.3	676.3
57°	645.6	623.0	603.9	589.5	580.4	578.8	583.8	596.2	614.3	637.9	664.0
57.5°	632.8	611.2	592.5	577.8	569.0	567.3	572.0	584.2	602.7	625.8	651.5
58°	620.7	599.0	580.6	566.4	558.2	556.3	561.2	572.8	590.9	613.7	639.3
58.5°	608.2	587.3	569.2	555.1	546.9	545.4	550.1	561.5	579.5	602.0	627.4
59°	596.0	575.4	557.4	544.0	535.6	534.1	538.9	550.4	567.8	590.2	615.1
59.5°	583.8	563.2	546.2	532.6	524.4	523.1	528.4	539.3	556.6	578.2	602.8
60°	571.5	551.7	535.0	521.3	514.0	512.7	517.1	528.0	545.0	566.5	590.2
60.5°	559.5	539.9	523.4	510.3	502.9	501.5	506.1	516.9	533.8	554.7	577.8
61°	547.0	528.2	511.9	499.3	492.0	490.8	495.1	506.0	522.3	543.0	566.1
61.5°	535.0	516.5	500.9	488.8	482.0	480.2	484.8	495.2	511.3	531.3	553.7
62°	522.6	505.0	489.9	477.7	470.8	469.8	474.1	484.5	499.9	519.9	541.6
62.5°	511.0	493.5	478.6	466.9	460.0	459.4	463.5	473.6	488.9	508.4	529.7
63°	499.1	482.1	467.2	456.0	449.8	448.8	452.9	462.8	477.7	496.8	517.7
63.5°	487.3	470.5	456.2	445.4	439.5	438.5	442.7	452.2	466.8	485.5	506.1
64°	475.1	459.1	445.9	435.0	429.2	428.3	432.1	441.7	455.7	474.2	494.0
64.5°	463.3	447.9	434.8	424.3	418.6	418.1	422.0	431.1	444.9	462.6	482.3
65°	451.6	436.7	423.9	414.1	408.8	407.9	411.9	420.9	434.3	451.5	470.4
65.5°	439.9	425.6	413.7	403.9	398.5	397.8	401.8	410.5	423.8	440.2	458.7
66°	428.5	414.5	403.1	393.3	388.2	387.6	391.3	399.9	412.9	429.2	446.9



TEST NUMBER: P563557

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-5000K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
67.5°	393.3	381.2	371.0	363.1	358.7	358.2	361.9	369.7	381.2	396.0	411.8
68°	381.9	370.5	360.6	353.0	349.1	348.8	352.2	359.8	370.6	385.1	400.7
68.5°	370.7	359.6	350.3	343.2	339.5	338.9	342.4	350.0	360.6	374.4	389.5
69°	359.4	348.8	340.2	333.5	329.8	329.6	332.8	340.0	350.3	363.5	378.3
69.5°	348.1	338.3	330.0	323.5	319.9	319.9	323.1	330.2	340.1	352.7	366.7
70°	337.1	327.7	320.0	313.7	310.7	310.9	313.8	320.4	329.9	341.9	355.4
70.5°	325.6	317.2	309.9	304.4	301.5	301.6	304.6	310.8	319.8	331.6	343.9
71°	314.7	306.8	300.2	295.0	292.3	292.3	295.2	301.3	310.0	320.9	333.3
71.5°	303.9	296.4	290.3	285.5	282.9	283.1	286.1	291.7	300.2	310.6	322.0
72°	293.0	286.3	280.6	276.2	273.9	274.4	277.0	282.5	290.4	300.4	311.2
72.5°	282.1	276.1	271.0	266.9	265.0	265.3	268.1	273.3	280.7	290.1	300.1
73°	271.6	266.2	261.4	257.8	255.9	256.4	258.9	264.1	270.8	279.9	289.9
73.5°	261.0	256.2	251.8	248.7	247.3	247.5	250.2	254.8	261.5	269.8	278.9
74°	250.3	246.2	242.7	239.9	238.4	239.3	241.5	245.9	252.1	260.0	268.2
74.5°	240.0	236.5	233.3	231.2	229.9	230.7	233.0	237.2	242.9	250.0	257.5
75°	229.9	227.0	224.4	222.3	221.4	222.2	224.4	228.2	233.6	240.2	247.5
75.5°	219.9	217.5	215.2	213.8	213.1	213.8	215.9	219.5	224.4	230.5	237.2
76°	209.6	208.1	206.6	205.2	204.6	205.5	207.5	211.0	215.7	221.0	227.0
76.5°	199.8	198.7	197.7	196.8	196.5	197.4	199.3	202.6	206.6	211.5	216.9
77°	190.2	189.6	189.3	188.6	188.5	189.4	191.3	194.2	197.9	202.2	207.0
77.5°	180.4	180.7	180.6	180.7	180.8	181.7	183.5	186.0	189.4	193.1	196.7
78°	171.1	172.1	172.4	172.7	173.3	174.1	175.6	178.1	181.1	184.2	187.3
78.5°	162.0	163.7	164.4	164.9	165.6	166.6	168.1	170.2	172.5	175.3	177.7
79°	152.9	155.0	156.4	157.3	158.1	159.3	160.6	162.5	164.5	166.5	168.5
79.5°	144.4	147.0	148.7	150.0	151.0	152.1	153.6	155.0	156.5	158.1	159.0
80°	135.9	139.4	141.6	143.1	144.4	145.2	146.4	147.5	149.0	149.7	150.3
80.5°	127.4	131.8	134.5	136.4	137.8	138.7	139.7	140.6	141.8	141.8	141.9
81°	119.0	124.2	127.4	129.7	131.2	132.2	133.2	134.0	134.7	134.2	133.5
81.5°	111.1	116.5	120.2	123.0	124.7	125.7	126.6	127.3	127.5	126.6	125.2
82°	103.7	109.2	113.2	116.2	118.1	119.1	120.0	120.6	120.3	119.0	116.8
82.5°	96.2	102.4	106.6	109.8	111.9	113.1	113.9	114.0	113.2	111.6	108.6
83°	88.9	95.5	100.3	103.6	105.9	107.2	107.8	107.7	106.6	104.4	101.1
83.5°	82.1	88.9	94.1	97.6	99.9	101.2	101.9	101.6	100.3	97.6	93.6
84°	75.5	82.7	88.1	91.9	94.2	95.7	96.2	95.7	94.0	90.9	86.6
84.5°	69.1	76.8	82.4	86.3	88.8	90.1	90.6	89.9	88.0	84.5	79.5
85°	63.2	71.1	76.8	80.9	83.5	84.9	85.2	84.4	82.2	78.5	73.1
85.5°	57.6	65.5	71.5	75.7	78.4	79.6	79.9	79.0	76.6	72.6	66.9
86°	52.3	60.2	66.4	70.8	73.5	74.8	75.1	74.0	71.2	66.9	61.0
86.5°	47.2	55.4	61.6	66.0	68.7	70.1	70.3	69.0	66.2	61.5	55.2
87°	42.5	50.8	57.0	61.5	64.4	65.7	65.7	64.3	61.3	56.6	50.0
87.5°	38.2	46.4	52.7	57.3	60.1	61.4	61.4	59.9	56.8	51.8	45.0
88°	34.3	42.4	48.7	53.3	56.1	57.3	57.3	55.7	52.4	47.4	40.5
88.5°	30.6	38.6	44.9	49.4	52.2	53.5	53.3	51.7	48.4	43.3	36.3



TEST NUMBER: P563557

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-5000K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
90°	21.9	29.1	35.0	39.3	42.1	43.3	43.0	41.2	37.6	32.5	25.6
90.5°	19.6	26.5	32.2	36.5	39.2	40.3	39.9	38.1	34.6	29.5	22.8
91°	17.7	24.2	29.7	33.9	36.5	37.5	37.2	35.3	31.9	26.8	20.4
91.5°	16.0	22.2	27.4	31.4	34.0	35.0	34.6	32.8	29.3	24.4	18.2
92°	15.0	20.4	25.4	29.2	31.6	32.6	32.2	30.4	27.0	22.3	16.4
92.5°	14.0	18.9	23.5	27.2	29.6	30.4	30.1	28.2	24.9	20.4	15.2
93°	13.1	17.5	22.0	25.5	27.7	28.5	28.1	26.3	23.1	18.8	14.2
93.5°	12.1	16.4	20.7	23.9	26.0	26.8	26.4	24.7	21.6	17.4	13.1
94°	11.1	15.5	19.5	22.5	24.5	25.3	24.9	23.1	20.2	16.3	12.0
94.5°	10.6	14.8	18.5	21.4	23.3	23.9	23.5	21.8	19.0	15.3	11.0
95°	10.2	14.1	17.6	20.4	22.1	22.7	22.3	20.7	18.0	14.4	10.4
95.5°	9.8	13.6	16.8	19.5	21.1	21.6	21.2	19.7	17.1	13.7	10.0
96°	9.5	13.1	16.2	18.6	20.2	20.7	20.3	18.8	16.3	13.2	9.6
96.5°	9.2	12.7	15.6	17.9	19.3	19.9	19.4	18.1	15.7	12.7	9.2
97°	9.0	12.4	15.1	17.2	18.6	19.1	18.7	17.4	15.2	12.2	8.9
97.5°	8.8	12.0	14.6	16.7	17.9	18.4	18.1	16.9	14.7	11.7	8.5
98°	8.7	11.6	14.1	16.2	17.4	17.8	17.6	16.4	14.3	11.3	8.1
98.5°	8.6	11.3	13.8	15.7	16.9	17.4	17.0	15.9	13.8	10.8	7.8
99°	8.4	11.1	13.4	15.2	16.4	16.8	16.5	15.3	13.3	10.5	7.7
99.5°	8.3	10.9	13.1	14.9	15.9	16.4	16.0	14.8	12.9	10.1	7.6
100°	8.2	10.7	12.9	14.5	15.6	15.9	15.5	14.4	12.6	9.8	7.5
100.5°	8.1	10.6	12.6	14.2	15.2	15.6	15.1	14.0	12.2	9.7	7.4
101°	8.0	10.4	12.4	13.9	14.9	15.2	14.7	13.6	11.8	9.6	7.3
101.5°	7.9	10.3	12.2	13.7	14.5	14.8	14.4	13.2	11.4	9.4	7.2
102°	7.7	10.2	12.0	13.4	14.2	14.5	14.1	13.0	11.3	9.3	7.1
102.5°	7.6	10.0	11.8	13.2	14.0	14.2	13.8	12.8	11.2	9.2	6.9
103°	7.4	9.9	11.6	13.0	13.8	14.0	13.6	12.6	11.0	9.1	6.8
103.5°	7.2	9.7	11.5	12.8	13.5	13.8	13.4	12.5	10.9	9.0	6.6
104°	7.1	9.5	11.3	12.6	13.3	13.6	13.3	12.3	10.7	8.9	6.4
104.5°	6.9	9.4	11.1	12.4	13.1	13.4	13.1	12.2	10.6	8.7	6.2
105°	6.8	9.2	11.0	12.2	13.0	13.3	12.9	12.0	10.5	8.6	6.0
105.5°	6.6	9.0	10.8	12.0	12.8	13.1	12.8	11.8	10.4	8.4	5.9
106°	6.5	8.8	10.6	11.8	12.6	12.9	12.6	11.7	10.2	8.1	5.7
106.5°	6.3	8.6	10.4	11.6	12.4	12.8	12.4	11.5	10.0	7.9	5.5
107°	6.2	8.4	10.1	11.4	12.2	12.5	12.2	11.3	9.8	7.7	5.4
107.5°	6.0	8.2	9.9	11.2	11.9	12.3	12.0	11.1	9.6	7.5	5.2
108°	5.9	8.1	9.7	11.0	11.7	12.1	11.8	10.9	9.3	7.3	5.1
108.5°	5.7	7.9	9.5	10.7	11.5	11.8	11.6	10.6	9.1	7.1	5.0
109°	5.6	7.7	9.3	10.5	11.3	11.6	11.4	10.4	8.8	6.9	4.8
109.5°	5.4	7.6	9.1	10.3	11.0	11.4	11.1	10.1	8.6	6.7	4.7
110°	5.2	7.4	8.9	10.0	10.8	11.1	10.8	9.8	8.3	6.5	4.6
110.5°	5.1	7.2	8.7	9.8	10.5	10.8	10.6	9.6	8.1	6.4	4.4
111°	4.9	7.0	8.5	9.6	10.3	10.6	10.3	9.4	7.9	6.2	4.3



TEST NUMBER: P563557

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-5000K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
112.5°	4.4	6.4	8.0	8.9	9.6	9.8	9.6	8.7	7.3	5.8	3.9
113°	4.2	6.2	7.8	8.7	9.3	9.6	9.3	8.5	7.1	5.7	3.8
113.5°	4.1	6.0	7.6	8.5	9.1	9.4	9.1	8.3	6.9	5.5	3.6
114°	3.9	5.8	7.4	8.4	8.9	9.2	8.9	8.1	6.8	5.4	3.5
114.5°	3.8	5.6	7.2	8.2	8.7	9.0	8.7	7.9	6.6	5.2	3.4
115°	3.7	5.4	7.0	8.0	8.5	8.7	8.5	7.7	6.4	5.1	3.3
115.5°	3.6	5.2	6.8	7.8	8.4	8.5	8.3	7.5	6.2	4.9	3.2
116°	3.6	5.0	6.6	7.6	8.2	8.3	8.1	7.2	6.0	4.7	3.2
116.5°	3.5	4.8	6.4	7.4	8.0	8.1	7.8	7.0	5.9	4.5	3.1
117°	3.4	4.6	6.2	7.2	7.8	7.9	7.6	6.8	5.7	4.4	3.1
117.5°	3.4	4.5	5.9	7.0	7.6	7.7	7.4	6.6	5.5	4.2	3.0
118°	3.4	4.3	5.7	6.8	7.4	7.5	7.2	6.5	5.3	4.1	2.9
118.5°	3.3	4.2	5.5	6.6	7.2	7.3	7.0	6.3	5.0	4.0	2.9
119°	3.2	4.1	5.3	6.4	7.0	7.1	6.8	6.1	4.9	3.9	2.7
119.5°	3.1	4.0	5.0	6.1	6.8	6.9	6.6	5.8	4.7	3.7	2.6
120°	2.9	3.9	4.9	5.9	6.6	6.7	6.4	5.6	4.5	3.6	2.5
120.5°	2.8	3.8	4.7	5.7	6.3	6.5	6.2	5.4	4.4	3.5	2.4
121°	2.7	3.7	4.6	5.4	6.0	6.2	5.9	5.2	4.2	3.4	2.4
121.5°	2.6	3.6	4.4	5.2	5.8	5.9	5.7	5.0	4.1	3.4	2.3
122°	2.6	3.6	4.3	5.0	5.6	5.7	5.5	4.8	4.0	3.3	2.3
122.5°	2.7	3.5	4.2	4.9	5.4	5.5	5.3	4.7	3.8	3.2	2.4
123°	2.7	3.4	4.1	4.7	5.2	5.3	5.1	4.5	3.7	3.0	2.4
123.5°	2.8	3.3	4.0	4.6	5.0	5.1	4.9	4.4	3.6	2.8	2.5
124°	2.8	3.2	3.9	4.5	4.8	4.9	4.8	4.3	3.5	2.7	2.5
124.5°	2.9	3.0	3.7	4.3	4.7	4.8	4.6	4.2	3.5	2.5	2.6
125°	2.9	2.8	3.6	4.2	4.5	4.6	4.5	4.0	3.4	2.4	2.6
125.5°	3.0	2.7	3.6	4.1	4.4	4.5	4.4	3.9	3.3	2.3	2.6
126°	3.0	2.6	3.5	4.0	4.3	4.4	4.2	3.9	3.1	2.2	2.7
126.5°	3.1	2.6	3.3	3.9	4.2	4.2	4.1	3.8	3.0	2.2	2.7
127°	3.2	2.6	3.2	3.8	4.1	4.1	4.0	3.7	2.8	2.2	2.7
127.5°	3.2	2.7	3.0	3.7	4.0	4.0	4.0	3.6	2.7	2.3	2.8
128°	3.3	2.7	2.9	3.6	3.9	4.0	3.9	3.4	2.6	2.3	2.8
128.5°	3.3	2.8	2.7	3.4	3.8	3.8	3.8	3.3	2.5	2.3	2.8
129°	3.4	2.8	2.6	3.3	3.7	3.8	3.7	3.1	2.4	2.4	2.8
129.5°	3.4	2.9	2.5	3.1	3.5	3.7	3.5	2.9	2.3	2.4	2.8
130°	3.5	2.9	2.6	3.0	3.4	3.5	3.3	2.8	2.3	2.5	2.8
130.5°	3.5	2.9	2.6	2.8	3.2	3.3	3.1	2.7	2.4	2.5	2.8
131°	3.5	3.0	2.7	2.6	3.0	3.1	3.0	2.6	2.4	2.6	2.8
131.5°	3.5	3.0	2.7	2.5	2.9	3.0	2.8	2.5	2.5	2.6	2.9
132°	3.6	3.1	2.8	2.5	2.7	2.8	2.7	2.5	2.5	2.7	2.9
132.5°	3.6	3.1	2.8	2.6	2.5	2.6	2.5	2.5	2.6	2.7	3.0
133°	3.7	3.2	2.9	2.6	2.5	2.5	2.5	2.5	2.6	2.8	3.1
133.5°	3.8	3.3	2.9	2.7	2.5	2.5	2.5	2.6	2.7	2.9	3.2



TEST NUMBER: P563557

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-5000K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
135°	4.0	3.4	3.0	2.8	2.7	2.6	2.7	2.7	2.8	3.0	3.4
135.5°	4.0	3.5	3.1	2.8	2.7	2.6	2.7	2.7	2.8	3.1	3.5
136°	4.1	3.5	3.1	2.9	2.7	2.7	2.7	2.8	2.9	3.1	3.5
136.5°	4.1	3.6	3.1	2.9	2.8	2.7	2.8	2.8	2.9	3.2	3.5
137°	4.2	3.6	3.2	3.0	2.8	2.8	2.8	2.9	3.0	3.2	3.5
137.5°	4.2	3.7	3.3	3.0	2.9	2.8	2.9	2.9	3.1	3.3	3.5
138°	4.1	3.8	3.3	3.1	2.9	2.8	2.9	2.9	3.1	3.4	3.4
138.5°	4.0	3.8	3.4	3.1	2.9	2.9	3.0	3.0	3.2	3.5	3.3
139°	4.0	3.9	3.4	3.1	3.0	2.9	3.0	3.0	3.3	3.6	3.3
139.5°	4.0	3.9	3.5	3.2	3.0	3.0	3.0	3.1	3.3	3.6	3.3
140°	4.0	4.0	3.5	3.2	3.1	3.0	3.1	3.1	3.4	3.7	3.3
140.5°	4.0	4.0	3.6	3.3	3.1	3.1	3.1	3.2	3.5	3.7	3.3
141°	3.9	4.1	3.7	3.3	3.2	3.1	3.2	3.3	3.6	3.7	3.2
141.5°	3.9	4.1	3.9	3.4	3.2	3.2	3.2	3.3	3.7	3.7	3.2
142°	3.9	4.1	3.9	3.5	3.3	3.2	3.3	3.4	3.8	3.7	3.2
142.5°	4.0	4.0	3.9	3.6	3.3	3.3	3.3	3.5	3.8	3.6	3.3
143°	4.0	3.9	4.0	3.7	3.4	3.3	3.4	3.6	3.8	3.5	3.3
143.5°	4.0	3.9	4.0	3.8	3.5	3.4	3.5	3.8	3.8	3.5	3.3
144°	4.0	3.9	4.1	3.9	3.6	3.5	3.7	3.9	3.9	3.5	3.3
144.5°	4.0	3.9	4.1	4.0	3.7	3.7	3.8	3.9	3.9	3.5	3.3
145°	3.9	3.8	4.0	4.0	3.9	3.8	3.9	3.9	3.8	3.5	3.3
145.5°	3.9	3.8	3.9	4.0	3.9	3.9	3.9	3.9	3.7	3.4	3.2
146°	3.9	3.8	3.8	4.1	3.9	3.9	4.0	4.0	3.6	3.4	3.2
146.5°	4.0	3.9	3.8	4.1	4.0	4.0	4.0	4.0	3.6	3.4	3.2
147°	4.0	3.9	3.8	4.0	4.1	4.1	4.1	3.9	3.6	3.4	3.2
147.5°	4.0	3.9	3.8	3.9	4.1	4.1	4.1	3.8	3.6	3.4	3.2
148°	4.0	3.9	3.8	3.8	4.0	4.1	4.0	3.7	3.6	3.4	3.2
148.5°	4.0	3.8	3.8	3.8	3.8	3.9	3.9	3.7	3.6	3.4	3.2
149°	4.0	3.8	3.8	3.8	3.8	3.9	3.8	3.7	3.6	3.4	3.2
149.5°	4.0	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.6	3.4	3.2
150°	4.0	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.6	3.3	3.2
150.5°	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.6	3.3	3.2
151°	3.9	3.8	3.8	3.8	3.7	3.8	3.8	3.7	3.5	3.3	3.2
151.5°	4.0	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.5	3.3	3.2
152°	4.1	3.8	3.7	3.8	3.8	3.8	3.8	3.7	3.5	3.3	3.2
152.5°	4.1	3.8	3.7	3.8	3.8	3.8	3.8	3.7	3.5	3.3	3.2
153°	4.1	3.8	3.7	3.8	3.8	3.8	3.8	3.7	3.5	3.3	3.2
153.5°	4.1	3.8	3.7	3.7	3.8	3.8	3.8	3.7	3.5	3.3	3.3
154°	4.2	3.8	3.7	3.7	3.7	3.8	3.7	3.7	3.5	3.3	3.3
154.5°	4.2	3.8	3.7	3.7	3.7	3.8	3.7	3.6	3.5	3.3	3.3
155°	4.2	3.9	3.7	3.7	3.7	3.8	3.7	3.6	3.5	3.4	3.3
155.5°	4.1	4.0	3.7	3.7	3.7	3.7	3.7	3.6	3.5	3.4	3.4
156°	4.0	4.0	3.8	3.7	3.7	3.7	3.7	3.6	3.5	3.4	3.4



TEST NUMBER: P563557

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-5000K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
157.5°	4.2	4.0	3.9	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.5
158°	4.1	3.9	3.9	3.8	3.7	3.7	3.7	3.7	3.7	3.6	3.5
158.5°	3.8	3.9	3.9	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.6
159°	3.7	3.8	4.0	3.9	3.8	3.8	3.8	3.8	3.8	3.7	3.6
159.5°	3.7	3.8	4.1	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.6
160°	3.7	3.9	4.1	4.0	3.8	3.8	3.8	3.9	3.9	3.8	3.7
160.5°	3.7	3.8	4.1	4.0	3.9	3.9	3.9	3.9	4.0	3.9	3.7
161°	3.7	3.8	4.0	4.1	3.9	3.9	3.9	4.0	4.0	3.9	3.8
161.5°	3.6	3.7	3.9	4.1	4.0	4.0	4.0	4.0	4.1	4.0	3.8
162°	3.6	3.7	3.9	4.2	4.1	4.0	4.1	4.1	4.1	4.0	3.8
162.5°	3.6	3.7	3.8	4.2	4.1	4.1	4.1	4.2	4.2	4.1	3.8
163°	3.5	3.7	3.8	4.2	4.2	4.2	4.2	4.2	4.2	4.1	3.8
163.5°	3.5	3.6	3.8	4.1	4.2	4.2	4.2	4.2	4.2	4.0	3.8
164°	3.5	3.6	3.6	4.0	4.3	4.3	4.3	4.3	4.3	4.1	3.8
164.5°	3.5	3.6	3.6	3.9	4.3	4.3	4.3	4.3	4.3	4.2	3.3
165°	3.4	3.6	3.6	3.9	4.3	4.3	4.4	4.4	4.3	3.9	3.2
165.5°	3.4	3.6	3.6	3.8	4.3	4.4	4.4	4.4	4.2	3.3	3.6
166°	3.3	3.6	3.6	3.7	4.2	4.4	4.4	4.4	4.2	3.4	3.8
166.5°	3.3	3.6	3.6	3.6	4.1	4.4	4.4	4.4	4.2	3.9	3.3
167°	3.3	3.8	3.7	3.6	4.0	4.4	4.4	4.5	3.8	3.8	2.9
167.5°	3.3	3.9	3.7	3.5	4.0	4.4	4.4	4.4	3.4	3.2	3.4
168°	3.4	3.9	3.8	3.5	3.9	4.4	4.4	4.4	3.7	3.0	3.7
168.5°	3.5	3.9	4.1	3.6	3.7	4.3	4.3	4.3	4.1	3.7	3.5
169°	3.5	3.9	4.0	3.6	3.5	4.3	4.3	4.3	3.2	3.8	3.5
169.5°	3.4	3.8	4.0	3.7	3.5	4.2	4.3	4.0	2.9	3.7	3.6
170°	3.5	3.7	3.9	3.8	3.4	4.0	4.3	3.4	3.8	3.8	3.6
170.5°	3.5	3.7	3.8	3.9	3.4	4.0	4.2	3.3	3.9	3.8	3.6
171°	3.5	3.6	3.8	3.9	3.4	3.9	4.1	3.3	3.7	3.8	3.6
171.5°	3.5	3.6	3.7	3.8	3.4	3.7	4.1	2.9	3.8	3.7	3.5
172°	3.4	3.5	3.6	3.8	3.6	3.3	4.0	3.1	3.8	3.7	3.5
172.5°	3.4	3.5	3.6	3.7	3.6	3.3	3.8	3.5	3.7	3.6	3.4
173°	3.4	3.5	3.5	3.6	3.6	3.2	3.7	3.5	3.6	3.5	3.3
173.5°	3.3	3.4	3.5	3.6	3.6	3.1	3.1	3.6	3.5	3.4	3.2
174°	3.3	3.4	3.4	3.5	3.6	3.1	2.7	3.5	3.4	3.3	3.2
174.5°	3.3	3.3	3.4	3.4	3.5	3.0	2.5	3.4	3.3	3.2	3.2
175°	3.3	3.3	3.3	3.4	3.4	2.9	2.9	3.3	3.2	3.2	3.1
175.5°	3.3	3.3	3.3	3.3	3.4	3.0	3.3	3.2	3.1	3.1	3.1
176°	3.2	3.3	3.3	3.3	3.3	2.9	3.2	3.1	3.1	3.1	3.1
176.5°	3.2	3.2	3.2	3.2	3.2	2.9	3.1	3.1	3.1	3.1	3.1
177°	3.2	3.1	3.1	3.0	3.0	3.1	3.1	3.1	3.1	3.1	3.1
177.5°	3.1	3.1	3.0	3.0	3.1	1.2	3.1	3.1	3.1	3.1	3.0
178°	3.0	3.0	3.0	3.1	3.1	1.8	3.1	3.1	3.1	3.0	3.0
178.5°	3.1	3.1	3.1	3.0	2.8	2.4	2.9	3.1	3.1	3.1	3.1



TEST NUMBER: P563557

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-5000K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
180°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8



TEST NUMBER: P563557

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-5000K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
0°	1615.1	1615.1	1615.1	1615.1
0.5°	1614.8	1614.8	1614.7	1614.7
1°	1614.5	1614.5	1614.5	1614.5
1.5°	1614.1	1614.2	1614.3	1614.6
2°	1612.8	1613.5	1614.1	1614.3
2.5°	1611.4	1611.8	1613.1	1613.7
3°	1610.2	1611.2	1612.4	1612.5
3.5°	1609.5	1610.9	1611.3	1611.5
4°	1608.4	1610.1	1610.1	1610.8
4.5°	1606.1	1607.9	1608.4	1609.0
5°	1604.8	1606.0	1607.3	1608.0
5.5°	1603.6	1604.2	1605.8	1607.0
6°	1601.0	1603.2	1604.0	1605.7
6.5°	1598.6	1600.1	1602.2	1604.0
7°	1597.4	1597.9	1600.9	1602.4
7.5°	1594.4	1596.3	1597.4	1600.1
8°	1591.3	1593.5	1596.1	1598.5
8.5°	1588.0	1590.5	1593.8	1595.5
9°	1585.5	1587.7	1590.8	1593.7
9.5°	1582.3	1584.8	1587.8	1590.8
10°	1578.5	1581.1	1585.1	1587.6
10.5°	1575.3	1578.6	1581.4	1584.7
11°	1571.6	1575.8	1579.2	1581.4
11.5°	1567.8	1572.0	1576.1	1577.9
12°	1564.1	1568.2	1572.9	1574.7
12.5°	1559.6	1564.2	1568.9	1571.6
13°	1555.1	1560.0	1565.0	1567.8
13.5°	1550.9	1555.8	1561.3	1563.7
14°	1546.2	1551.6	1556.8	1559.7
14.5°	1541.3	1547.8	1552.4	1555.8
15°	1536.4	1542.7	1547.9	1551.3
15.5°	1531.0	1537.5	1543.3	1547.2
16°	1525.7	1532.7	1539.2	1542.2
16.5°	1520.2	1527.3	1534.6	1536.7
17°	1515.0	1522.0	1529.1	1531.6
17.5°	1509.2	1516.8	1523.2	1527.3
18°	1503.7	1511.6	1517.9	1522.6
18.5°	1497.8	1506.1	1512.7	1516.6
19°	1491.4	1500.1	1507.1	1511.0
19.5°	1484.3	1494.1	1501.3	1505.3
20°	1477.9	1487.8	1495.1	1499.7
20.5°	1471.8	1481.1	1489.2	1493.9
21°	1465.6	1474.5	1482.6	1488.2



TEST NUMBER: P563557

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-5000K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
22.5°	1443.5	1454.4	1463.6	1468.4
23°	1436.0	1447.4	1456.4	1462.6
23.5°	1428.6	1439.9	1449.3	1455.2
24°	1420.9	1432.8	1442.3	1448.2
24.5°	1412.9	1425.3	1435.2	1441.6
25°	1405.1	1417.4	1428.0	1434.5
25.5°	1396.5	1410.0	1420.0	1426.8
26°	1389.0	1401.9	1412.5	1419.3
26.5°	1380.4	1393.8	1404.7	1411.4
27°	1371.9	1385.7	1396.5	1403.6
27.5°	1362.9	1378.0	1388.4	1395.9
28°	1354.3	1368.9	1380.4	1387.4
28.5°	1345.2	1360.3	1372.0	1379.3
29°	1335.6	1351.4	1363.6	1371.7
29.5°	1327.2	1342.3	1354.7	1363.2
30°	1317.9	1333.8	1346.0	1354.3
30.5°	1308.1	1324.4	1337.3	1345.8
31°	1298.1	1315.5	1328.3	1337.1
31.5°	1289.0	1305.4	1319.0	1328.1
32°	1278.9	1296.1	1309.5	1318.3
32.5°	1269.2	1286.4	1300.2	1309.0
33°	1259.4	1277.2	1290.5	1300.0
33.5°	1249.6	1267.8	1280.9	1290.3
34°	1238.9	1257.6	1271.2	1280.4
34.5°	1228.8	1247.1	1261.0	1270.2
35°	1218.6	1237.3	1251.4	1260.8
35.5°	1207.8	1226.9	1241.2	1251.1
36°	1197.1	1216.7	1230.9	1240.9
36.5°	1186.4	1206.0	1221.4	1230.4
37°	1175.8	1195.3	1211.2	1220.3
37.5°	1165.2	1184.7	1201.0	1210.3
38°	1154.1	1174.1	1189.7	1200.5
38.5°	1142.0	1163.4	1178.4	1189.3
39°	1130.4	1152.2	1167.1	1177.7
39.5°	1119.2	1140.8	1156.1	1166.4
40°	1107.9	1129.7	1145.6	1155.4
40.5°	1096.7	1118.6	1134.9	1145.0
41°	1084.8	1107.0	1123.2	1133.9
41.5°	1073.3	1095.2	1112.2	1122.3
42°	1061.1	1083.7	1100.7	1111.3
42.5°	1049.4	1072.3	1088.9	1100.2
43°	1037.5	1060.3	1077.2	1088.5
43.5°	1025.6	1048.4	1065.9	1076.3



TEST NUMBER: P563557

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-5000K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
45°	989.2	1013.2	1030.4	1041.0
45.5°	977.3	1000.9	1018.0	1029.4
46°	964.9	988.9	1006.0	1017.0
46.5°	952.8	976.7	993.7	1004.4
47°	940.9	964.5	981.8	992.1
47.5°	928.2	952.4	969.5	980.3
48°	916.0	939.4	956.9	968.4
48.5°	903.2	927.4	944.8	955.7
49°	890.9	915.1	932.6	943.8
49.5°	878.7	902.3	919.9	931.2
50°	865.8	889.7	907.2	918.6
50.5°	853.4	877.4	894.5	905.7
51°	841.4	864.5	882.2	893.3
51.5°	828.8	852.3	869.9	880.6
52°	815.8	839.5	856.6	868.2
52.5°	803.3	826.7	844.2	855.1
53°	790.6	814.1	831.2	842.4
53.5°	778.3	801.3	818.6	829.6
54°	765.7	788.5	805.8	816.9
54.5°	753.3	775.9	792.9	803.8
55°	740.9	763.3	780.1	790.6
55.5°	727.4	750.8	767.1	778.1
56°	714.9	737.2	754.0	764.8
56.5°	702.6	725.0	741.5	752.0
57°	690.2	712.1	728.5	739.5
57.5°	677.2	699.4	715.7	726.0
58°	664.6	686.0	702.3	712.8
58.5°	652.0	673.3	689.4	700.1
59°	640.0	660.4	676.5	686.8
59.5°	626.9	647.6	663.7	673.9
60°	614.4	634.7	650.7	660.5
60.5°	601.6	622.0	637.5	647.5
61°	589.5	609.3	624.3	634.4
61.5°	576.7	596.4	611.2	621.4
62°	564.2	583.7	598.3	608.2
62.5°	551.8	571.1	585.2	595.1
63°	539.7	558.1	572.2	582.0
63.5°	527.0	545.3	559.3	569.0
64°	514.3	532.6	546.1	555.7
64.5°	502.1	519.8	533.5	542.3
65°	490.2	506.9	520.4	528.9
65.5°	477.5	494.5	507.3	515.5
66°	465.8	482.1	494.3	502.1



TEST NUMBER: P563557

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-5000K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
67.5°	429.1	444.2	455.8	463.0
68°	416.9	431.3	442.7	450.2
68.5°	404.8	419.0	429.5	437.0
69°	393.2	406.2	417.1	423.9
69.5°	381.1	393.8	404.1	411.0
70°	369.1	381.6	391.5	397.9
70.5°	357.2	369.2	378.6	385.0
71°	345.6	356.8	366.1	372.3
71.5°	333.8	344.5	353.3	359.4
72°	322.2	332.4	340.6	346.7
72.5°	310.5	320.4	327.8	334.0
73°	299.0	308.0	315.5	321.1
73.5°	288.0	296.4	303.2	308.1
74°	276.6	284.2	290.8	295.8
74.5°	265.1	272.3	278.5	283.3
75°	254.0	260.2	266.0	270.9
75.5°	243.1	248.8	253.8	258.2
76°	232.4	237.1	242.3	246.0
76.5°	221.5	225.9	229.9	233.9
77°	210.9	214.3	218.3	221.9
77.5°	200.1	203.4	206.4	209.7
78°	189.9	192.0	195.0	198.1
78.5°	179.8	181.3	183.2	186.2
79°	169.7	170.6	172.1	174.5
79.5°	159.9	160.2	161.3	163.1
80°	150.6	150.2	150.8	152.4
80.5°	141.4	140.3	140.4	141.2
81°	132.3	130.4	129.9	130.4
81.5°	123.0	120.5	119.4	119.8
82°	113.9	110.6	109.0	109.4
82.5°	105.3	101.5	99.1	98.8
83°	96.7	92.5	89.9	89.5
83.5°	88.6	83.7	80.5	80.1
84°	80.9	75.3	71.7	71.1
84.5°	73.6	67.4	63.1	62.2
85°	66.4	59.8	55.2	54.1
85.5°	59.8	52.6	47.5	47.1
86°	53.5	45.8	40.4	40.0
86.5°	47.6	39.6	33.6	33.0
87°	42.0	33.7	27.5	26.0
87.5°	36.9	28.4	23.2	19.9
88°	32.3	23.7	18.9	14.4
88.5°	28.0	20.6	14.5	9.7



TEST NUMBER: P563557

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-5000K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
90°	17.9	11.2	4.1	3.1
90.5°	16.2	8.2	2.8	1.7
91°	14.4	6.7	2.0	0.3
91.5°	12.7	5.6	1.6	0.3
92°	10.9	4.9	1.4	0.2
92.5°	9.2	4.4	1.2	0.2
93°	8.3	4.1	1.1	0.2
93.5°	7.7	3.8	1.1	0.2
94°	7.2	3.5	1.0	0.2
94.5°	6.9	3.3	1.0	0.3
95°	6.6	3.2	1.0	0.4
95.5°	6.2	3.1	1.0	0.4
96°	5.8	3.1	1.0	0.5
96.5°	5.6	3.1	1.0	0.5
97°	5.4	3.0	0.9	0.6
97.5°	5.3	2.9	0.9	0.7
98°	5.3	2.8	0.9	0.7
98.5°	5.3	2.7	0.9	0.8
99°	5.2	2.6	0.9	0.8
99.5°	5.2	2.5	1.0	0.9
100°	5.1	2.5	1.0	1.0
100.5°	4.9	2.5	1.1	1.1
101°	4.8	2.5	1.2	1.2
101.5°	4.6	2.5	1.2	1.3
102°	4.4	2.4	1.3	1.4
102.5°	4.3	2.4	1.4	1.5
103°	4.2	2.3	1.4	1.6
103.5°	4.0	2.2	1.5	1.6
104°	3.9	2.1	1.6	1.7
104.5°	3.8	2.0	1.6	1.7
105°	3.8	1.9	1.7	1.7
105.5°	3.7	1.9	1.7	1.7
106°	3.6	1.9	1.8	1.7
106.5°	3.5	1.8	2.1	1.7
107°	3.4	1.7	2.3	1.7
107.5°	3.2	1.7	2.1	1.7
108°	3.1	1.6	2.1	1.7
108.5°	3.0	1.6	2.1	1.7
109°	2.9	1.6	2.0	1.7
109.5°	2.7	1.7	2.0	1.7
110°	2.6	1.7	2.0	1.7
110.5°	2.5	1.7	2.0	1.7
111°	2.5	1.7	2.0	1.7



TEST NUMBER: P563557

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-5000K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
112.5°	2.3	1.8	2.0	1.8
113°	2.3	1.9	2.1	1.8
113.5°	2.2	1.9	2.1	1.8
114°	2.1	2.0	2.1	1.8
114.5°	2.0	2.0	2.1	1.9
115°	2.0	2.1	2.1	1.9
115.5°	2.0	2.1	2.1	1.9
116°	2.0	2.1	2.1	1.9
116.5°	2.0	2.2	2.1	1.9
117°	2.0	2.3	2.1	1.9
117.5°	2.1	2.4	2.1	1.9
118°	2.2	2.6	2.1	1.9
118.5°	2.2	2.7	2.2	1.9
119°	2.3	2.7	2.2	2.0
119.5°	2.3	2.7	2.2	2.0
120°	2.3	2.7	2.3	2.0
120.5°	2.4	2.7	2.3	2.0
121°	2.4	2.7	2.3	2.0
121.5°	2.4	2.7	2.3	2.1
122°	2.5	2.6	2.3	2.1
122.5°	2.5	2.6	2.3	2.1
123°	2.5	2.5	2.3	2.1
123.5°	2.5	2.5	2.4	2.1
124°	2.5	2.4	2.4	2.2
124.5°	2.6	2.4	2.4	2.2
125°	2.7	2.5	2.5	2.2
125.5°	2.9	2.6	2.5	2.2
126°	3.0	2.7	2.5	2.2
126.5°	3.1	2.8	2.5	2.3
127°	3.2	2.9	2.6	2.3
127.5°	3.3	2.9	2.6	2.3
128°	3.4	2.9	2.6	2.3
128.5°	3.4	2.9	2.6	2.3
129°	3.4	2.9	2.7	2.4
129.5°	3.3	2.9	2.7	2.4
130°	3.3	2.9	2.7	2.4
130.5°	3.3	2.9	2.6	2.4
131°	3.2	2.9	2.4	2.4
131.5°	3.2	2.9	2.4	2.4
132°	3.1	2.9	2.4	2.4
132.5°	3.0	2.9	2.5	2.4
133°	3.0	2.9	2.7	2.4
133.5°	3.0	2.8	2.8	2.5



TEST NUMBER: P563557

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-5000K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
135°	3.0	2.8	2.6	2.5
135.5°	3.0	2.8	2.6	2.5
136°	3.0	2.8	2.7	2.5
136.5°	3.0	2.8	2.7	2.4
137°	3.1	2.8	2.7	2.5
137.5°	3.1	2.8	2.6	2.5
138°	3.1	2.8	2.5	2.5
138.5°	3.1	2.9	2.5	2.5
139°	3.1	2.9	2.6	2.5
139.5°	3.1	2.9	2.6	2.5
140°	3.1	2.9	2.7	2.5
140.5°	3.1	3.0	2.7	2.5
141°	3.1	3.0	2.7	2.6
141.5°	3.1	3.0	2.7	2.6
142°	3.1	3.0	2.7	2.6
142.5°	3.1	3.0	2.7	2.6
143°	3.1	3.0	2.7	2.6
143.5°	3.1	3.0	2.7	2.6
144°	3.1	3.1	2.7	2.6
144.5°	3.1	3.1	2.7	2.6
145°	3.1	3.1	2.7	2.6
145.5°	3.1	3.1	2.7	2.6
146°	3.1	3.1	2.7	2.5
146.5°	3.2	3.1	2.7	2.5
147°	3.2	3.1	2.7	2.5
147.5°	3.2	3.1	2.7	2.5
148°	3.2	3.2	2.7	2.5
148.5°	3.2	3.2	2.7	2.5
149°	3.2	3.2	2.7	2.5
149.5°	3.2	3.2	2.7	2.5
150°	3.3	3.2	2.7	2.5
150.5°	3.3	3.2	2.6	2.5
151°	3.3	3.2	2.6	2.4
151.5°	3.3	3.2	2.6	2.3
152°	3.3	3.2	2.6	2.2
152.5°	3.3	3.1	2.6	2.3
153°	3.3	3.1	2.5	2.2
153.5°	3.3	3.0	2.4	2.0
154°	3.3	3.0	2.3	1.9
154.5°	3.4	3.0	2.2	1.9
155°	3.4	2.9	2.2	1.9
155.5°	3.4	2.8	2.1	1.9
156°	3.4	2.7	2.0	1.8



TEST NUMBER: P563557

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-5000K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
157.5°	3.4	2.7	1.9	1.7
158°	3.4	2.6	1.9	1.7
158.5°	3.4	2.6	1.8	1.7
159°	3.4	2.6	1.8	1.7
159.5°	3.5	2.6	1.8	1.7
160°	3.5	2.6	1.8	1.7
160.5°	3.5	2.6	1.8	1.7
161°	3.5	2.6	1.8	1.7
161.5°	3.5	2.6	1.8	1.7
162°	3.5	2.5	1.8	1.7
162.5°	3.5	2.5	1.8	1.7
163°	3.4	2.4	1.7	1.7
163.5°	3.5	2.2	1.7	1.8
164°	3.5	2.2	1.7	1.8
164.5°	3.1	2.3	1.7	1.8
165°	3.0	2.2	1.7	1.8
165.5°	3.2	2.0	1.7	1.8
166°	3.3	1.9	1.7	1.8
166.5°	2.9	1.9	1.8	1.8
167°	2.6	1.9	1.8	1.8
167.5°	3.1	2.1	1.8	1.8
168°	3.3	2.4	1.8	1.8
168.5°	3.1	2.4	1.9	1.9
169°	3.0	2.4	2.0	1.9
169.5°	3.1	2.5	2.0	1.9
170°	3.0	2.5	2.3	2.0
170.5°	3.0	2.6	2.4	2.2
171°	3.2	2.8	2.5	2.5
171.5°	3.2	2.9	2.7	2.6
172°	3.2	2.9	2.8	2.6
172.5°	3.2	3.0	2.8	2.7
173°	3.2	3.0	2.8	2.7
173.5°	3.1	3.0	2.9	2.7
174°	3.1	3.0	3.0	2.8
174.5°	3.1	3.0	3.0	2.9
175°	3.1	3.0	3.0	2.9
175.5°	3.1	3.0	3.0	3.0
176°	3.1	3.0	3.0	3.0
176.5°	3.0	3.0	3.0	3.0
177°	3.0	3.0	3.0	3.0
177.5°	3.0	3.0	3.0	3.0
178°	3.0	3.0	3.0	3.0
178.5°	3.0	3.0	3.0	3.1



TEST NUMBER: P563557

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-5000K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
180°	2.8	2.8	2.8	2.8



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	1482.0	1485.6	1485.2	1482.5	1477.1	1470.7	1463.8	1458.1	1453.2	1450.8	1449.9
22°	1475.0	1478.8	1478.8	1475.6	1470.3	1463.6	1456.0	1450.2	1445.8	1442.6	1441.8



44°	1064.6	1068.6	1063.6	1052.3	1034.0	1011.6	988.9	969.3	954.9	947.8	948.8
44.5°	1052.9	1056.2	1052.0	1040.1	1021.8	999.0	976.6	956.7	942.3	935.4	935.4



66.5°	489.0	493.5	492.3	485.5	474.4	458.9	444.8	432.3	423.3	418.0	416.6
67°	475.8	480.1	479.6	473.4	462.3	447.8	434.3	421.9	412.8	407.9	406.9



89°	6.0	11.8	22.5	34.7	46.2	54.1	60.5	64.2	65.6	65.1	62.7
89.5°	4.5	8.3	18.4	30.2	41.6	50.1	56.5	59.7	61.2	60.8	58.4



111.5°	1.7	1.7	1.4	1.3	1.7	2.7	3.9	5.0	5.8	6.1	5.9
112°	1.8	1.7	1.5	1.3	1.7	2.5	3.7	4.8	5.6	5.8	5.6



134°	2.5	2.5	2.5	3.1	3.1	2.7	2.7	2.8	2.8	2.9	3.0
134.5°	2.5	2.6	2.5	3.1	3.2	2.8	2.8	2.8	2.9	2.9	3.1



156.5°	1.7	2.6	3.1	3.0	3.0	3.0	3.2	3.5	3.7	3.9	3.9
157°	1.7	2.6	3.1	3.0	3.0	3.0	3.2	3.4	3.7	3.8	3.8



179°	3.0	2.9	2.8	2.6	2.4	2.3	2.4	2.6	2.8	3.0	3.0
179.5°	2.8	2.7	2.7	2.6	2.6	2.6	2.7	2.7	2.8	2.8	2.8





21.5°	1451.3	1455.1	1458.5	1462.8	1466.8	1468.6	1468.7	1466.8	1462.3	1455.5	1446.8
22°	1443.2	1446.8	1451.2	1455.9	1460.3	1461.8	1462.0	1460.3	1455.2	1448.2	1439.3



44°	955.7	969.9	988.3	1005.5	1021.0	1032.0	1036.4	1034.5	1027.0	1013.2	993.0
44.5°	943.4	957.9	975.8	992.8	1008.7	1019.8	1023.6	1022.8	1015.3	1001.0	980.4



66.5°	419.6	426.0	434.7	443.6	451.4	456.6	455.4	454.5	449.0	441.0	429.4
67°	409.6	415.4	423.7	431.8	438.8	443.0	442.8	441.6	436.2	428.4	417.3



89°	58.5	52.6	45.1	34.4	23.1	12.3	5.0	0.8	4.1	11.5	18.8
89.5°	54.6	48.8	40.9	30.7	19.8	9.9	3.9	0.7	3.0	8.6	17.0



111.5°	5.1	4.0	2.9	2.2	2.2	2.7	3.3	3.0	3.5	2.6	3.0
112°	4.9	3.9	2.8	2.2	2.3	2.8	3.3	3.1	3.6	2.7	3.0



134°	3.2	3.7	4.2	5.2	5.3	4.2	3.7	3.4	4.3	4.5	4.1
134.5°	3.3	3.7	4.3	5.3	5.2	4.1	3.7	3.4	4.3	4.5	4.1



156.5°	3.8	3.6	3.5	3.6	3.6	3.4	3.3	2.8	3.0	3.4	3.8
157°	3.7	3.6	3.5	3.6	3.5	3.4	3.1	2.8	3.0	3.4	3.8



179°	2.8	2.7	2.6	2.6	2.6	2.7	2.7	2.8	2.8	2.9	2.9
179.5°	2.8	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6





21.5°	1437.3	1427.2	1418.9	1412.0	1408.6	1407.8	1409.8	1415.9	1424.7	1436.0	1447.4
22°	1429.7	1418.7	1409.9	1403.8	1400.1	1398.5	1401.3	1406.8	1416.1	1427.5	1439.5



44°	970.3	945.4	923.2	905.6	894.8	891.9	897.5	911.6	932.9	958.7	987.5
44.5°	958.3	932.5	910.6	893.1	881.8	879.0	884.8	899.2	920.5	946.6	974.6



66.5°	416.5	403.2	391.8	383.2	378.2	377.8	381.5	389.9	402.1	418.0	435.4
67°	404.8	392.1	381.4	373.3	368.7	368.2	371.5	379.9	391.7	406.7	423.9



89°	27.4	35.2	41.3	45.8	48.6	49.8	49.6	47.9	44.5	39.3	32.4
89.5°	24.5	32.0	38.0	42.4	45.3	46.5	46.2	44.4	40.9	35.7	28.8



111.5°	4.8	6.8	8.4	9.4	10.0	10.3	10.1	9.1	7.7	6.1	4.2
112°	4.6	6.6	8.2	9.2	9.8	10.1	9.8	8.9	7.5	6.0	4.0



134°	3.9	3.3	2.9	2.7	2.6	2.5	2.6	2.6	2.7	2.9	3.3
134.5°	3.9	3.4	3.0	2.8	2.6	2.6	2.6	2.7	2.7	3.0	3.4



156.5°	4.1	4.0	3.8	3.7	3.7	3.7	3.7	3.6	3.6	3.5	3.4
157°	4.2	4.0	3.8	3.7	3.7	3.7	3.7	3.7	3.6	3.5	3.5



179°	3.0	2.9	2.8	2.6	2.7	2.7	2.8	2.9	3.0	3.1	3.1
179.5°	2.6	2.6	2.7	2.7	2.7	2.8	2.9	2.9	2.9	2.9	2.9





21.5°	1458.3	1468.3	1476.1	1482.0
22°	1450.6	1462.0	1470.3	1475.0



44°	1013.7	1037.0	1053.6	1064.6
44.5°	1002.3	1024.7	1042.1	1052.9



66.5°	453.2	469.4	481.5	489.0
67°	441.0	456.8	468.9	475.8



89°	24.3	17.5	10.2	6.0
89.5°	20.9	14.3	6.1	4.5



111.5°	2.4	1.7	2.0	1.7
112°	2.4	1.8	2.0	1.8



134°	3.0	2.8	2.7	2.5
134.5°	3.0	2.8	2.7	2.5



156.5°	3.4	2.7	1.9	1.7
157°	3.4	2.7	1.9	1.7



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



(END OF REPORT)