

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: P563555

Luminaire Tested: **4NWS3C3MS-NUV-MED-3500K**

Issue Date: 7/18/2022



Test Information

Test Method: LM-79-08
Report Number: P563555
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-3500K
Description: 4 FOOT NWS SELETABLE WRAP AT 3500K AND MED LUMEN SETTING
Light Source: -
Ballast/Driver:

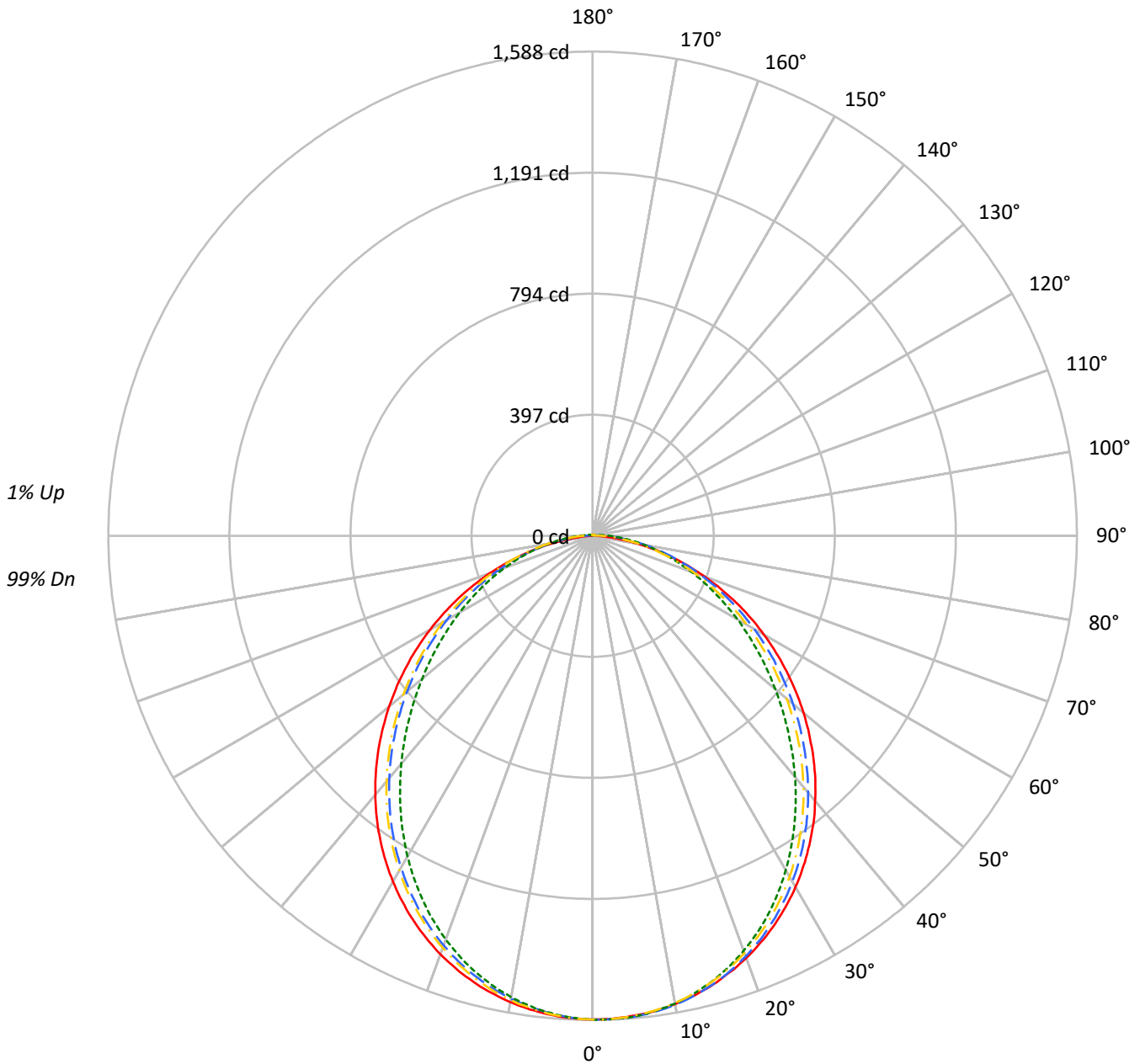
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4137.0 lumens
Efficiency: N/A
Efficacy: 126.5 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): 32.7
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°	9645	9645	9645	9645
5°	9622	9500	9605	9430
10°	9592	9309	9551	9182
15°	9537	9065	9473	8879
20°	9459	8768	9375	8530
25°	9361	8423	9244	8128
30°	9228	8019	9082	7687
35°	9060	7568	8884	7202
40°	8852	7078	8645	6691
45°	8613	6562	8365	6163
50°	8328	6038	8035	5639
55°	7994	5536	7654	5125
60°	7615	5036	7215	4621
65°	7156	4527	6685	4111
70°	6572	4018	6009	3582
75°	5800	3488	5094	3016
80°	4688	2916	3815	2421
85°	2999	2330	1928	1851



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	149.8	3.6
10°-20°	425.1	10.3
20°-30°	631.3	15.3
30°-40°	735.8	17.8
40°-50°	728.5	17.6
50°-60°	625.6	15.1
60°-70°	457.9	11.1
70°-80°	259.9	6.3
80°-90°	86.6	2.1
90°-100°	15.7	0.4
100°-110°	6.6	0.2
110°-120°	3.9	0.1
120°-130°	2.8	0.1
130°-140°	2.5	0.1
140°-150°	2.3	0.1
150°-160°	1.6	0.0
160°-170°	0.9	0.0
170°-180°	0.3	0.0
0°-30°	1206.1	29.2
0°-40°	1941.9	46.9
0°-60°	3296.0	79.7
0°-90°	4100.3	99.1
90°-120°	26.2	0.6
90°-150°	33.9	0.8
90°-180°	37.0	0.9
0°-180°	4137.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1587	1587	1587	1587	1587	
5°	1580	1582	1577	1571	1580	150
15°	1524	1513	1514	1482	1524	430
25°	1409	1366	1392	1318	1409	649
35°	1239	1154	1215	1098	1239	775
45°	1023	906	993	851	1023	788
55°	777	662	744	613	777	694
65°	520	441	486	401	520	514
75°	266	252	234	218	266	282
85°	53	105	34	83	53	63
90°	3	56	1	42	3	3
95°	0	27	1	22	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°	2	4	3	4	2	2
155°	2	4	3	4	2	1
165°	2	3	3	4	2	0
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°	1586.7	1586.7	1586.7	1586.7	1586.7	1586.7	1586.7	1586.7	1586.7	1586.7	1586.7
0.5°	1586.3	1586.4	1586.5	1586.7	1586.8	1586.9	1587.0	1587.1	1587.1	1587.1	1587.1
1°	1586.2	1586.3	1586.6	1586.9	1587.2	1587.2	1587.3	1587.3	1586.7	1586.2	1586.6
1.5°	1586.2	1586.8	1586.9	1586.4	1586.1	1586.3	1586.9	1587.3	1586.8	1587.5	1587.6
2°	1585.9	1586.4	1586.4	1586.4	1586.7	1587.2	1587.5	1587.5	1586.7	1586.8	1587.1
2.5°	1585.3	1585.7	1585.8	1585.9	1586.0	1585.5	1585.7	1585.5	1587.1	1586.2	1585.5
3°	1584.2	1584.5	1585.2	1585.6	1586.0	1586.0	1586.4	1586.7	1586.1	1586.0	1586.0
3.5°	1583.2	1583.9	1584.6	1585.8	1585.3	1585.7	1585.7	1585.3	1585.7	1584.7	1584.2
4°	1582.5	1583.9	1583.4	1584.9	1584.5	1584.8	1584.7	1584.4	1583.6	1585.3	1583.9
4.5°	1580.8	1582.0	1582.5	1583.4	1584.3	1584.1	1583.5	1584.2	1583.6	1583.7	1582.2
5°	1579.8	1581.0	1581.5	1582.1	1583.0	1582.9	1581.5	1582.1	1582.5	1582.5	1581.1
5.5°	1578.7	1579.9	1580.5	1580.8	1581.3	1580.8	1580.3	1580.3	1581.0	1580.7	1579.2
6°	1577.5	1578.5	1578.8	1579.6	1580.4	1579.6	1579.3	1578.8	1579.0	1578.5	1576.9
6.5°	1575.8	1577.1	1577.3	1577.8	1578.7	1578.0	1578.2	1577.1	1577.1	1577.0	1575.3
7°	1574.2	1574.9	1576.3	1575.9	1576.0	1575.0	1576.4	1574.9	1574.7	1574.6	1573.4
7.5°	1572.0	1572.8	1574.0	1574.8	1574.7	1573.9	1573.5	1572.9	1572.3	1571.1	1571.1
8°	1570.4	1570.4	1572.2	1572.4	1572.3	1571.7	1571.1	1570.7	1570.1	1569.3	1568.8
8.5°	1567.4	1567.8	1570.1	1569.7	1570.1	1569.7	1568.7	1568.1	1567.1	1566.5	1565.3
9°	1565.7	1567.1	1567.3	1567.9	1567.9	1567.3	1565.6	1565.4	1564.2	1564.6	1562.4
9.5°	1562.9	1564.2	1565.4	1565.0	1565.3	1563.9	1562.1	1562.1	1561.4	1559.8	1559.2
10°	1559.7	1561.5	1562.4	1562.5	1562.2	1561.2	1559.4	1558.3	1557.8	1558.1	1556.6
10.5°	1556.8	1558.3	1559.8	1559.9	1559.2	1558.0	1556.0	1554.9	1554.2	1554.0	1552.7
11°	1553.6	1554.6	1556.4	1556.5	1556.0	1555.2	1552.1	1551.6	1551.3	1550.3	1549.0
11.5°	1550.2	1552.3	1553.1	1553.5	1552.2	1551.6	1548.6	1548.3	1547.2	1546.4	1545.1
12°	1547.0	1548.9	1550.3	1550.4	1548.9	1547.7	1545.5	1544.2	1542.0	1542.4	1540.2
12.5°	1543.9	1545.4	1546.8	1546.9	1544.8	1544.0	1541.6	1540.0	1538.2	1537.7	1536.5
13°	1540.3	1542.3	1543.4	1542.8	1540.5	1540.2	1537.2	1535.8	1534.1	1532.5	1531.9
13.5°	1536.2	1538.6	1539.7	1539.3	1536.9	1536.0	1532.1	1530.9	1529.4	1527.6	1526.2
14°	1532.3	1534.6	1535.6	1535.7	1532.7	1530.9	1528.1	1526.1	1524.5	1522.4	1521.7
14.5°	1528.5	1530.6	1531.6	1531.5	1528.0	1526.7	1524.0	1521.1	1518.6	1518.0	1516.0
15°	1524.0	1526.6	1527.2	1526.8	1524.1	1522.2	1518.7	1516.1	1513.7	1512.9	1511.6
15.5°	1520.0	1522.4	1522.5	1521.8	1519.8	1517.6	1513.0	1511.3	1508.2	1507.5	1505.6
16°	1515.1	1518.1	1518.5	1517.4	1514.6	1512.1	1508.0	1505.5	1503.1	1501.2	1499.5
16.5°	1509.6	1513.4	1514.2	1513.0	1509.6	1506.8	1502.4	1499.5	1497.1	1494.7	1494.2
17°	1504.6	1508.8	1508.8	1508.2	1505.0	1501.5	1497.0	1493.4	1490.7	1489.4	1488.7
17.5°	1500.4	1503.5	1503.9	1502.8	1499.7	1495.7	1490.3	1487.5	1484.1	1483.4	1481.7
18°	1495.8	1498.2	1499.0	1497.5	1493.8	1490.1	1484.9	1481.3	1477.9	1476.1	1475.4
18.5°	1490.0	1493.7	1494.1	1492.4	1488.5	1484.3	1478.6	1474.6	1471.9	1469.5	1468.6
19°	1484.4	1488.6	1489.0	1486.6	1482.9	1478.1	1472.8	1468.0	1464.7	1462.5	1462.2
19.5°	1478.9	1482.6	1482.8	1480.8	1476.6	1471.5	1465.8	1461.5	1457.3	1456.4	1453.9
20°	1473.3	1476.8	1476.7	1474.9	1470.6	1465.0	1458.6	1454.2	1450.5	1447.9	1447.2
20.5°	1467.7	1471.2	1471.1	1468.9	1464.4	1458.8	1451.8	1446.8	1443.4	1440.8	1439.5
21°	1462.1	1465.5	1465.2	1462.6	1457.5	1451.9	1445.2	1439.5	1436.1	1432.8	1432.2



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
22.5°	1442.6	1446.3	1446.6	1443.0	1437.7	1430.8	1423.0	1416.8	1412.2	1409.6	1407.9
23°	1436.9	1440.0	1439.6	1436.3	1430.7	1423.7	1415.5	1408.8	1403.8	1402.0	1400.1
23.5°	1429.6	1433.4	1433.0	1429.4	1423.6	1415.9	1407.8	1400.4	1395.3	1392.7	1391.4
24°	1422.8	1426.7	1426.5	1422.2	1416.0	1408.3	1399.2	1392.0	1386.7	1384.1	1383.0
24.5°	1416.3	1419.7	1419.2	1415.2	1408.2	1400.3	1392.0	1384.0	1378.0	1375.2	1373.7
25°	1409.3	1413.0	1411.8	1407.8	1400.9	1392.2	1383.5	1375.3	1369.1	1365.6	1364.9
25.5°	1401.7	1405.4	1404.7	1400.2	1393.8	1384.1	1374.7	1366.4	1360.4	1356.9	1355.4
26°	1394.4	1397.5	1397.1	1392.0	1385.8	1375.5	1365.7	1357.0	1350.5	1346.6	1346.5
26.5°	1386.6	1390.3	1388.7	1384.8	1376.9	1367.0	1356.6	1348.0	1341.3	1337.9	1336.5
27°	1378.9	1383.2	1381.1	1376.3	1368.5	1358.6	1347.8	1338.7	1331.9	1327.5	1327.4
27.5°	1371.4	1375.3	1373.9	1367.9	1360.2	1349.4	1339.6	1329.1	1321.4	1318.4	1317.4
28°	1363.1	1367.4	1366.0	1360.1	1351.7	1340.6	1329.1	1319.8	1312.0	1308.2	1306.9
28.5°	1355.0	1359.2	1357.8	1352.0	1343.4	1331.9	1319.9	1310.1	1301.4	1297.0	1296.5
29°	1347.6	1351.3	1349.6	1343.4	1334.1	1322.5	1310.6	1300.0	1292.3	1287.8	1286.6
29.5°	1339.3	1343.2	1341.0	1335.1	1325.1	1313.2	1301.4	1289.9	1280.8	1277.1	1277.1
30°	1330.5	1333.9	1332.4	1325.7	1316.1	1303.5	1290.9	1279.7	1270.9	1266.2	1266.6
30.5°	1322.1	1325.5	1323.7	1317.4	1306.9	1293.6	1281.0	1269.4	1259.3	1255.8	1255.1
31°	1313.6	1317.4	1314.7	1308.5	1298.0	1284.3	1270.4	1258.7	1249.7	1245.2	1244.0
31.5°	1304.7	1308.7	1306.0	1298.9	1288.6	1274.7	1260.2	1247.8	1238.7	1233.9	1232.8
32°	1295.1	1298.9	1296.7	1289.2	1278.5	1264.2	1250.0	1237.5	1227.7	1222.4	1222.1
32.5°	1286.0	1289.7	1287.5	1279.5	1268.6	1254.0	1239.7	1226.8	1217.5	1211.2	1211.1
33°	1277.2	1280.9	1278.0	1270.7	1258.7	1244.1	1229.3	1215.6	1206.0	1200.3	1200.1
33.5°	1267.7	1271.3	1268.7	1261.2	1249.1	1233.9	1218.6	1204.9	1194.2	1188.6	1188.3
34°	1257.9	1262.2	1259.1	1251.0	1239.1	1223.0	1207.2	1193.4	1182.9	1176.9	1176.8
34.5°	1247.9	1252.4	1249.4	1241.2	1229.0	1212.4	1196.1	1181.4	1171.0	1165.6	1164.9
35°	1238.7	1242.8	1240.0	1231.4	1218.3	1201.8	1185.4	1170.2	1159.0	1153.8	1153.6
35.5°	1229.1	1232.8	1230.4	1221.4	1207.7	1190.7	1174.0	1158.8	1147.3	1142.1	1141.8
36°	1219.1	1223.4	1219.6	1211.3	1197.5	1179.9	1162.8	1147.3	1135.3	1130.3	1129.8
36.5°	1208.8	1212.7	1209.6	1200.4	1187.2	1169.2	1151.5	1135.4	1123.6	1117.6	1118.3
37°	1198.8	1202.4	1199.4	1190.2	1176.2	1158.3	1140.3	1124.1	1111.1	1105.7	1106.1
37.5°	1189.1	1192.0	1189.0	1179.9	1165.3	1147.0	1128.5	1112.0	1099.5	1093.6	1093.8
38°	1179.4	1181.7	1179.0	1168.8	1154.4	1135.6	1116.7	1100.1	1087.7	1081.2	1081.0
38.5°	1168.4	1171.3	1167.5	1158.1	1143.1	1124.2	1105.0	1087.9	1075.6	1069.7	1069.2
39°	1157.0	1160.8	1157.1	1147.2	1132.0	1112.9	1093.5	1075.9	1063.7	1056.9	1056.4
39.5°	1145.9	1150.5	1146.4	1136.4	1120.5	1100.9	1081.7	1063.8	1050.7	1044.9	1044.9
40°	1135.0	1139.4	1135.8	1124.8	1109.4	1089.1	1069.2	1051.8	1038.4	1032.3	1032.4
40.5°	1124.8	1128.3	1124.9	1114.1	1097.9	1077.6	1057.2	1039.4	1025.7	1019.8	1019.3
41°	1113.9	1117.2	1113.7	1102.7	1086.4	1065.6	1045.3	1027.2	1013.5	1007.4	1006.7
41.5°	1102.6	1105.9	1102.1	1091.7	1074.8	1053.9	1032.8	1014.5	1000.3	994.5	994.4
42°	1091.7	1095.4	1091.2	1079.7	1063.5	1042.3	1021.4	1002.4	988.5	982.6	981.7
42.5°	1080.8	1084.1	1079.8	1068.9	1051.1	1030.1	1009.1	990.2	976.1	969.7	969.2
43°	1069.3	1072.6	1068.5	1056.5	1039.4	1017.9	996.7	977.5	963.5	957.4	956.8
43.5°	1057.4	1061.3	1056.8	1045.5	1028.1	1006.0	984.2	965.1	950.8	944.4	944.4



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
45°	1022.7	1026.3	1021.7	1009.7	992.3	969.4	947.3	927.6	913.0	906.5	906.3
45.5°	1011.4	1014.6	1009.9	997.6	979.7	957.1	934.9	915.0	900.8	893.7	893.7
46°	999.2	1002.8	998.2	985.8	967.5	944.7	922.1	902.6	888.7	880.6	881.4
46.5°	986.7	990.5	986.0	973.7	955.3	932.3	909.4	890.0	875.4	868.9	869.1
47°	974.7	978.9	974.7	961.6	943.3	919.9	897.1	877.3	862.7	856.3	856.0
47.5°	963.1	966.6	962.4	950.1	931.4	907.7	885.1	864.4	850.3	843.8	843.4
48°	951.4	954.8	950.1	938.1	919.4	895.2	872.6	852.2	838.2	830.8	831.5
48.5°	938.9	942.1	937.6	925.6	906.8	882.9	860.4	839.9	825.2	818.8	819.0
49°	927.2	930.9	925.3	912.7	894.4	870.6	847.7	827.6	813.1	806.1	806.1
49.5°	914.8	918.1	914.0	900.9	881.8	858.1	835.5	815.1	800.5	793.8	794.1
50°	902.5	906.2	901.3	888.9	869.3	845.6	823.3	802.7	788.8	781.2	781.6
50.5°	889.8	893.7	889.0	876.8	857.3	833.3	810.7	790.2	775.8	769.2	769.0
51°	877.6	881.4	876.3	863.6	845.0	821.0	798.4	778.3	764.3	756.8	756.4
51.5°	865.1	869.0	864.0	851.6	832.6	808.6	785.7	765.9	751.5	745.5	744.8
52°	853.0	856.7	851.9	839.1	820.0	796.6	773.8	754.1	739.8	732.6	732.8
52.5°	840.1	843.8	838.7	826.5	807.5	783.7	761.5	741.8	728.0	721.0	720.9
53°	827.6	831.5	826.6	813.9	794.9	771.4	749.1	729.7	716.1	708.6	708.4
53.5°	815.1	818.6	813.8	801.5	782.4	759.2	737.1	717.8	703.2	697.3	696.4
54°	802.5	805.9	801.5	789.3	770.2	746.8	725.0	705.6	691.8	684.9	685.1
54.5°	789.7	793.5	788.6	776.6	758.1	734.3	712.4	693.5	679.6	673.1	673.1
55°	776.7	780.9	776.4	764.1	745.2	721.9	700.3	681.5	668.2	662.3	661.0
55.5°	764.4	768.1	763.4	751.8	733.3	710.1	688.3	669.3	656.1	650.1	649.1
56°	751.4	755.2	751.0	739.0	720.9	698.2	676.8	657.6	644.7	638.3	637.9
56.5°	738.8	742.7	738.3	726.6	708.6	685.9	664.5	646.1	633.3	626.9	626.4
57°	726.5	729.8	725.5	713.9	695.8	673.6	652.5	634.4	621.3	615.6	614.9
57.5°	713.3	717.5	712.3	701.6	683.9	661.8	640.7	622.6	610.2	604.0	603.3
58°	700.3	704.2	700.5	688.5	670.8	649.8	629.1	611.4	598.8	592.3	592.4
58.5°	687.8	691.5	687.3	676.4	658.8	637.4	617.1	599.6	587.5	581.3	580.9
59°	674.8	679.2	674.7	663.9	646.7	625.5	605.3	588.0	576.6	570.7	569.7
59.5°	662.0	665.8	661.9	651.4	634.4	613.5	593.9	577.2	565.5	560.0	558.0
60°	648.9	653.0	649.5	638.7	621.9	601.6	582.1	566.1	554.5	548.8	547.0
60.5°	636.1	639.8	636.6	626.3	610.5	589.9	571.2	555.2	543.3	537.6	536.1
61°	623.3	626.8	623.8	614.0	598.3	578.3	556.7	543.8	532.1	526.3	525.1
61.5°	610.5	614.6	610.8	600.8	585.7	566.3	545.1	532.3	520.9	515.1	514.1
62°	597.5	601.8	598.7	588.8	573.1	554.2	534.5	521.1	509.7	503.9	503.1
62.5°	584.7	588.5	586.0	576.7	561.4	542.6	523.8	509.9	498.6	492.9	492.1
63°	571.8	575.9	573.1	564.2	549.3	531.0	513.1	498.6	488.1	482.6	481.7
63.5°	559.0	562.7	560.4	551.3	537.2	519.3	502.6	487.9	477.6	472.2	471.4
64°	545.9	549.7	547.2	540.2	525.0	507.7	491.2	477.4	467.1	461.8	460.8
64.5°	532.7	536.7	534.5	536.1	513.2	496.1	480.4	466.6	456.7	451.3	450.2
65°	519.7	523.7	521.8	521.2	502.0	484.5	469.5	456.0	446.3	441.3	440.0
65.5°	506.4	510.6	509.1	506.4	489.9	473.1	458.4	445.5	436.0	430.8	429.6
66°	493.3	497.6	496.4	491.6	477.8	461.9	447.6	435.0	426.0	420.7	419.8



TEST NUMBER: P563555

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
67.5°	454.9	459.0	458.5	452.7	442.5	428.8	415.7	404.6	395.8	390.9	389.6
68°	442.3	446.4	445.8	440.7	430.8	417.7	405.0	394.3	386.2	381.3	379.9
68.5°	429.3	433.6	433.7	428.2	419.2	406.6	394.8	384.1	376.4	371.8	369.6
69°	416.5	420.9	421.2	416.9	407.8	395.6	384.4	374.2	366.2	362.0	360.4
69.5°	403.8	408.6	408.8	404.9	396.7	384.8	374.1	364.2	356.6	352.1	350.7
70°	390.9	395.8	396.5	393.1	385.3	374.3	363.9	354.2	347.1	342.5	341.0
70.5°	378.2	383.1	384.2	381.0	374.3	363.8	353.8	344.7	337.8	333.4	331.5
71°	365.7	370.2	372.0	369.5	362.8	353.1	343.7	335.0	328.4	324.1	322.4
71.5°	353.0	358.0	359.4	357.5	351.8	342.5	333.8	325.6	318.8	314.8	313.2
72°	340.7	345.4	347.5	345.7	340.7	332.1	323.7	315.9	309.5	305.4	303.8
72.5°	328.2	332.9	335.5	334.2	329.4	321.5	314.0	306.3	300.3	296.7	294.6
73°	315.4	320.5	323.7	323.0	318.8	311.2	304.0	297.0	291.3	287.5	285.4
73.5°	302.6	308.3	311.5	311.4	307.8	301.5	294.3	287.7	282.2	278.5	276.5
74°	290.6	295.7	299.6	300.2	297.1	291.2	284.9	278.5	273.4	269.6	267.6
74.5°	278.3	283.8	287.7	288.7	286.5	280.9	275.5	269.4	264.6	261.1	259.2
75°	266.1	271.7	276.0	277.4	275.9	271.0	266.0	260.6	255.8	252.4	250.3
75.5°	253.7	259.8	264.2	266.3	265.5	261.2	256.6	251.5	247.0	243.9	241.7
76°	241.7	247.6	252.7	255.5	254.7	251.3	247.5	242.8	238.6	235.4	233.1
76.5°	229.8	236.0	241.2	244.4	244.6	241.8	238.1	233.9	230.1	227.1	224.7
77°	218.0	223.9	229.9	233.5	234.5	232.3	229.2	225.2	221.7	218.6	216.3
77.5°	206.0	212.4	218.7	222.8	224.4	222.9	220.3	216.8	213.3	210.6	208.2
78°	194.6	200.9	207.4	212.4	214.4	213.7	211.5	208.4	205.4	202.7	200.2
78.5°	182.9	189.7	196.3	201.9	204.6	204.4	202.7	200.1	197.5	194.7	192.4
79°	171.5	178.4	185.7	191.7	194.8	195.2	194.2	191.9	189.4	186.8	184.4
79.5°	160.3	167.0	174.9	181.4	185.3	186.3	185.9	183.9	181.7	179.4	176.8
80°	149.7	156.2	164.1	171.5	176.0	177.5	177.5	176.0	174.1	171.9	169.3
80.5°	138.7	145.6	154.0	161.6	166.7	168.9	169.3	168.3	166.6	164.3	161.9
81°	128.1	135.1	143.8	151.9	157.6	160.4	161.5	160.7	159.3	157.1	154.7
81.5°	117.7	124.7	133.9	142.3	148.8	152.0	153.7	153.4	152.2	150.2	147.6
82°	107.5	114.6	124.0	133.1	140.0	143.9	146.0	146.1	145.2	143.2	140.7
82.5°	97.1	104.8	114.7	124.1	131.4	136.1	138.5	139.0	138.2	136.2	133.7
83°	87.9	95.3	105.2	115.3	123.1	128.3	131.2	131.9	131.4	129.9	127.2
83.5°	78.7	86.1	96.2	106.7	115.1	120.6	124.1	125.2	125.1	123.3	120.8
84°	69.9	77.2	87.5	98.3	107.3	113.4	117.2	118.7	118.5	117.0	114.5
84.5°	61.2	68.5	79.3	90.3	99.6	106.2	110.3	112.2	112.3	110.9	108.4
85°	53.2	60.3	71.1	82.5	92.4	99.4	103.8	106.0	106.3	105.0	102.4
85.5°	46.2	52.9	63.6	75.2	85.3	92.7	97.5	99.9	100.3	99.1	96.7
86°	39.3	46.2	56.2	68.2	78.7	86.4	91.4	94.0	94.6	93.5	91.0
86.5°	32.4	39.5	50.2	61.4	72.2	80.3	85.5	88.4	89.2	88.1	85.7
87°	25.5	32.8	44.3	54.6	66.1	74.3	79.8	83.0	83.8	83.1	80.5
87.5°	19.6	26.1	38.4	49.5	60.1	68.6	74.4	77.7	78.7	78.0	75.6
88°	14.2	20.5	32.5	44.3	54.4	63.3	69.2	72.6	73.9	73.1	70.7
88.5°	9.5	15.7	26.6	39.2	49.9	58.0	64.1	67.8	69.0	68.4	66.1



TEST NUMBER: P563555

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
90°	3.0	5.6	14.7	25.7	36.4	45.2	51.7	54.7	56.2	55.6	54.0
90.5°	1.7	4.5	11.8	22.2	32.5	41.2	47.8	51.3	52.8	52.2	50.5
91°	0.3	3.5	9.6	19.0	28.9	37.3	44.0	47.8	49.4	48.9	47.1
91.5°	0.3	2.5	7.7	16.5	25.7	33.8	40.1	44.3	46.0	45.6	43.6
92°	0.2	1.5	6.3	14.1	22.9	30.7	36.7	40.8	42.6	42.3	40.2
92.5°	0.2	1.2	5.6	12.2	20.3	27.8	33.6	37.4	39.2	39.0	37.3
93°	0.1	1.0	4.9	10.5	18.1	25.2	30.9	34.6	36.4	36.3	34.5
93.5°	0.2	0.8	4.3	9.2	16.1	22.8	28.3	31.9	33.7	33.6	32.0
94°	0.2	0.7	3.6	8.2	14.4	20.7	25.9	29.5	31.2	31.2	29.6
94.5°	0.3	0.6	3.2	7.3	12.9	18.8	23.7	27.2	28.9	28.9	27.4
95°	0.4	0.5	2.9	6.7	11.7	17.1	21.8	25.1	26.8	26.8	25.4
95.5°	0.4	0.5	2.6	6.2	10.7	15.6	20.0	23.2	24.8	24.9	23.6
96°	0.5	0.5	2.4	5.8	9.8	14.4	18.5	21.4	23.0	23.1	21.9
96.5°	0.5	0.6	2.1	5.4	9.2	13.3	17.1	19.9	21.4	21.6	20.4
97°	0.6	0.7	1.9	5.1	8.6	12.3	15.9	18.5	20.0	20.1	19.1
97.5°	0.7	0.7	1.8	4.7	8.2	11.5	14.8	17.3	18.7	18.9	17.9
98°	0.7	0.7	1.6	4.3	7.8	10.9	13.9	16.2	17.6	17.7	16.9
98.5°	0.7	0.7	1.5	4.1	7.3	10.4	13.2	15.3	16.5	16.7	16.0
99°	0.8	0.8	1.3	3.8	6.9	10.0	12.5	14.5	15.7	15.9	15.2
99.5°	0.9	0.8	1.2	3.5	6.5	9.5	12.0	13.8	14.9	15.1	14.5
100°	1.0	0.9	1.2	3.3	6.2	9.0	11.5	13.3	14.3	14.5	13.9
100.5°	1.1	1.0	1.2	3.1	5.9	8.6	11.0	12.8	13.7	14.0	13.4
101°	1.2	1.1	1.2	2.8	5.5	8.2	10.5	12.3	13.2	13.5	12.9
101.5°	1.3	1.1	1.2	2.6	5.2	7.8	10.1	11.8	12.8	13.0	12.5
102°	1.4	1.2	1.2	2.5	4.9	7.5	9.6	11.4	12.3	12.5	12.0
102.5°	1.5	1.2	1.2	2.3	4.6	7.1	9.2	10.9	11.9	12.1	11.6
103°	1.5	1.3	1.2	2.1	4.3	6.7	8.8	10.4	11.4	11.6	11.2
103.5°	1.6	1.3	1.1	2.0	4.0	6.4	8.4	10.0	11.0	11.2	10.8
104°	1.6	1.4	1.1	1.8	3.8	6.1	8.1	9.6	10.5	10.8	10.4
104.5°	1.7	1.5	1.1	1.7	3.5	5.8	7.7	9.2	10.1	10.4	9.9
105°	1.7	1.6	1.1	1.6	3.3	5.5	7.4	8.8	9.8	10.0	9.6
105.5°	1.7	1.8	1.1	1.6	3.1	5.2	7.0	8.5	9.4	9.6	9.2
106°	1.6	1.8	1.1	1.5	2.9	4.9	6.7	8.1	9.0	9.3	8.9
106.5°	1.6	1.7	1.1	1.5	2.8	4.6	6.4	7.8	8.7	8.9	8.5
107°	1.6	1.6	1.1	1.4	2.6	4.4	6.1	7.4	8.4	8.6	8.2
107.5°	1.6	1.6	1.2	1.4	2.4	4.1	5.8	7.1	8.0	8.3	7.9
108°	1.7	1.6	1.2	1.4	2.3	3.9	5.5	6.8	7.7	8.0	7.6
108.5°	1.7	1.7	1.2	1.3	2.2	3.7	5.3	6.5	7.4	7.6	7.3
109°	1.7	1.7	1.3	1.3	2.1	3.5	5.0	6.2	7.1	7.3	7.0
109.5°	1.7	1.8	1.3	1.2	2.0	3.3	4.7	6.0	6.8	7.0	6.8
110°	1.7	1.8	1.3	1.2	1.9	3.1	4.4	5.7	6.5	6.8	6.5
110.5°	1.7	1.7	1.3	1.2	1.8	3.0	4.2	5.4	6.3	6.5	6.2
111°	1.7	1.7	1.4	1.2	1.8	2.8	4.0	5.2	6.0	6.2	6.0



TEST NUMBER: P563555

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
112.5°	1.7	1.7	1.5	1.3	1.6	2.4	3.4	4.5	5.2	5.4	5.3
113°	1.8	1.7	1.6	1.4	1.6	2.3	3.2	4.3	5.0	5.2	5.0
113.5°	1.8	1.7	1.6	1.4	1.6	2.2	3.1	4.0	4.7	5.0	4.8
114°	1.8	1.7	1.6	1.4	1.5	2.1	2.9	3.9	4.5	4.7	4.6
114.5°	1.8	1.8	1.7	1.4	1.5	2.1	2.8	3.7	4.3	4.5	4.4
115°	1.9	1.8	1.7	1.5	1.5	2.0	2.7	3.5	4.1	4.3	4.2
115.5°	1.9	1.8	1.8	1.5	1.4	1.9	2.6	3.3	3.9	4.2	4.0
116°	1.9	1.8	1.8	1.5	1.5	1.9	2.5	3.2	3.7	4.0	3.9
116.5°	1.9	1.9	1.9	1.6	1.5	1.9	2.4	3.0	3.6	3.8	3.7
117°	1.9	1.9	2.0	1.6	1.5	1.9	2.3	2.9	3.4	3.6	3.6
117.5°	1.9	2.0	2.2	1.6	1.5	1.8	2.3	2.8	3.3	3.5	3.5
118°	1.9	2.0	2.2	1.6	1.5	1.7	2.2	2.7	3.1	3.4	3.3
118.5°	1.9	2.0	2.3	1.7	1.6	1.7	2.2	2.6	3.0	3.3	3.2
119°	1.9	2.1	2.3	1.7	1.6	1.6	2.1	2.6	3.0	3.2	3.1
119.5°	1.9	2.1	2.2	1.7	1.6	1.6	2.1	2.5	2.9	3.1	3.1
120°	2.0	2.1	2.2	1.8	1.6	1.6	2.0	2.4	2.8	3.0	3.0
120.5°	2.0	2.1	2.1	1.8	1.7	1.7	2.0	2.3	2.7	2.9	2.9
121°	2.0	2.1	2.2	1.9	1.7	1.7	1.9	2.3	2.6	2.8	2.8
121.5°	2.0	2.2	2.2	1.9	1.7	1.7	1.8	2.2	2.6	2.8	2.8
122°	2.0	2.2	2.2	1.9	1.8	1.7	1.8	2.2	2.5	2.7	2.7
122.5°	2.1	2.2	2.3	2.0	1.8	1.8	1.8	2.1	2.4	2.7	2.7
123°	2.1	2.2	2.3	2.0	1.8	1.8	1.8	2.0	2.4	2.6	2.6
123.5°	2.1	2.2	2.3	2.1	1.9	1.8	1.8	2.0	2.4	2.6	2.6
124°	2.1	2.3	2.3	2.1	1.9	1.9	1.8	1.9	2.3	2.5	2.5
124.5°	2.1	2.3	2.4	2.2	2.0	1.9	1.8	1.9	2.2	2.4	2.5
125°	2.2	2.3	2.4	2.2	2.0	1.9	1.8	1.9	2.2	2.4	2.4
125.5°	2.2	2.3	2.4	2.3	2.0	2.0	1.9	1.9	2.1	2.3	2.4
126°	2.2	2.3	2.4	2.4	2.1	2.0	1.9	1.9	2.1	2.3	2.4
126.5°	2.2	2.3	2.4	2.5	2.1	2.0	1.9	2.0	2.2	2.3	2.4
127°	2.2	2.3	2.4	2.5	2.1	2.0	2.0	2.0	2.2	2.3	2.4
127.5°	2.3	2.3	2.4	2.6	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	2.0	2.1	2.2	2.4	2.5
128.5°	2.3	2.3	2.4	2.7	2.2	2.1	2.1	2.2	2.3	2.4	2.5
129°	2.3	2.3	2.3	2.8	2.3	2.2	2.1	2.2	2.3	2.5	2.6
129.5°	2.3	2.3	2.3	2.8	2.3	2.2	2.2	2.2	2.4	2.5	2.6
130°	2.3	2.3	2.3	2.7	2.4	2.3	2.2	2.3	2.4	2.6	2.6
130.5°	2.4	2.4	2.3	2.7	2.4	2.3	2.3	2.4	2.5	2.6	2.7
131°	2.4	2.4	2.3	2.8	2.5	2.3	2.3	2.4	2.5	2.6	2.7
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	2.8	2.6	2.4	2.4	2.5	2.6	2.7	2.8
132.5°	2.4	2.4	2.4	2.9	2.7	2.5	2.5	2.6	2.6	2.7	2.8
133°	2.4	2.4	2.4	2.9	2.8	2.6	2.5	2.6	2.7	2.8	2.9
133.5°	2.4	2.5	2.4	3.0	2.9	2.6	2.6	2.7	2.7	2.8	2.9



TEST NUMBER: P563555

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P563555

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
157.5°	1.6	2.6	3.0	3.0	3.0	3.0	3.1	3.3	3.5	3.6	3.7
158°	1.6	2.6	3.0	3.0	3.0	3.0	3.1	3.2	3.4	3.6	3.6
158.5°	1.7	2.6	3.0	3.0	3.1	3.0	3.1	3.2	3.4	3.5	3.5
159°	1.7	2.6	3.0	3.0	3.1	3.1	3.1	3.2	3.3	3.4	3.4
159.5°	1.7	2.5	3.0	3.0	3.1	3.1	3.1	3.1	3.2	3.3	3.4
160°	1.7	2.5	3.0	3.1	3.1	3.1	3.1	3.1	3.2	3.3	3.3
160.5°	1.7	2.5	2.9	3.1	3.2	3.2	3.1	3.1	3.2	3.2	3.3
161°	1.7	2.5	2.9	3.1	3.2	3.2	3.1	3.1	3.2	3.2	3.3
161.5°	1.7	2.5	2.9	3.1	3.2	3.2	3.2	3.1	3.2	3.2	3.3
162°	1.7	2.4	2.9	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.3
162.5°	1.7	2.4	2.9	3.1	3.2	3.3	3.2	3.2	3.2	3.2	3.3
163°	1.7	2.3	2.9	3.1	3.2	3.3	3.2	3.2	3.2	3.2	3.3
163.5°	1.7	2.3	2.9	3.1	3.2	3.3	3.3	3.2	3.2	3.2	3.3
164°	1.7	2.2	2.9	3.1	3.3	3.3	3.3	3.3	3.2	3.2	3.3
164.5°	1.7	2.1	2.9	3.0	3.3	3.3	3.3	3.3	3.3	3.3	3.3
165°	1.7	2.1	2.8	3.0	3.3	3.4	3.3	3.3	3.3	3.3	3.3
165.5°	1.8	2.1	2.8	3.0	3.3	3.4	3.4	3.3	3.3	3.3	3.4
166°	1.8	2.1	2.8	2.9	3.3	3.4	3.4	3.4	3.4	3.3	3.4
166.5°	1.8	2.1	2.9	2.9	3.3	3.4	3.4	3.4	3.4	3.4	3.4
167°	1.8	2.1	2.8	3.0	3.2	3.4	3.4	3.4	3.4	3.4	3.4
167.5°	1.8	2.2	2.6	2.9	3.2	3.4	3.4	3.4	3.4	3.4	3.5
168°	1.8	2.2	2.7	2.7	3.2	3.4	3.4	3.5	3.5	3.5	3.5
168.5°	1.8	2.1	2.8	2.7	3.2	3.4	3.5	3.5	3.5	3.5	3.5
169°	1.9	1.9	2.6	2.9	3.1	3.4	3.5	3.5	3.5	3.5	3.5
169.5°	1.9	2.1	2.3	2.9	2.9	3.3	3.4	3.5	3.5	3.5	3.5
170°	2.0	2.3	2.4	2.8	2.9	3.2	3.4	3.5	3.5	3.5	3.5
170.5°	2.2	2.3	2.7	2.7	3.1	3.3	3.4	3.5	3.5	3.5	3.5
171°	2.5	2.3	2.7	2.8	3.0	3.2	3.4	3.5	3.5	3.5	3.5
171.5°	2.5	2.6	2.5	2.8	2.7	2.8	3.3	3.4	3.5	3.5	3.5
172°	2.5	2.6	2.6	2.7	2.8	2.8	3.2	3.4	3.4	3.4	3.5
172.5°	2.7	2.6	2.7	2.6	2.8	3.1	3.2	3.4	3.4	3.4	3.4
173°	2.7	2.7	2.7	2.7	2.7	3.0	3.2	3.3	3.3	3.3	3.4
173.5°	2.7	2.7	2.8	2.7	2.8	2.8	3.2	3.2	3.3	3.3	3.3
174°	2.8	2.8	2.8	2.6	2.8	2.9	3.0	3.2	3.2	3.2	3.3
174.5°	2.8	2.9	2.9	2.7	2.6	2.8	2.8	3.1	3.2	3.2	3.2
175°	2.9	2.9	3.0	2.8	2.6	2.7	3.0	3.1	3.2	3.2	3.2
175.5°	3.0	3.0	3.0	2.8	2.7	2.7	2.9	3.2	3.2	3.2	3.1
176°	3.0	3.0	3.0	2.9	2.6	2.5	2.7	3.1	3.2	3.2	3.1
176.5°	3.0	3.0	3.0	3.0	2.8	2.6	2.7	3.0	3.1	3.2	3.1
177°	3.0	3.0	3.0	3.0	2.8	2.6	2.8	3.0	3.1	3.1	3.1
177.5°	3.0	3.0	3.0	2.9	2.7	2.6	2.7	2.9	3.0	3.1	3.0
178°	3.0	3.0	3.0	2.9	2.7	2.6	2.6	2.7	2.9	3.0	2.9
178.5°	3.0	3.0	3.0	2.8	2.6	2.4	2.4	2.7	2.9	3.0	2.9



TEST NUMBER: P563555

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
180°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7



TEST NUMBER: P563555

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
0°	1586.7	1586.7	1586.7	1586.7	1586.7	1586.7	1586.7	1586.7	1586.7	1586.7	1586.7
0.5°	1587.1	1587.0	1586.9	1586.7	1586.6	1586.4	1586.2	1586.1	1586.1	1586.1	1586.1
1°	1587.1	1587.3	1587.4	1587.6	1587.4	1587.1	1586.7	1586.3	1585.9	1585.7	1585.7
1.5°	1587.5	1587.4	1586.9	1586.2	1585.7	1585.6	1585.7	1585.5	1585.1	1584.9	1584.8
2°	1587.4	1586.3	1584.9	1584.9	1584.9	1584.3	1584.1	1584.2	1583.9	1583.7	1583.7
2.5°	1586.2	1586.0	1586.2	1585.2	1585.1	1584.7	1583.8	1583.6	1583.3	1583.1	1582.7
3°	1585.5	1585.2	1584.9	1584.1	1584.2	1583.9	1583.5	1583.0	1581.7	1580.6	1581.0
3.5°	1584.3	1583.9	1583.9	1584.0	1583.2	1582.0	1581.8	1582.1	1580.2	1579.5	1579.2
4°	1583.9	1583.2	1582.6	1582.6	1582.4	1581.6	1580.4	1580.8	1579.7	1578.4	1577.4
4.5°	1581.1	1581.9	1580.4	1581.4	1581.4	1580.3	1579.1	1578.3	1577.8	1576.7	1575.9
5°	1580.4	1580.4	1580.1	1579.3	1579.7	1579.0	1577.9	1577.0	1576.4	1575.4	1573.4
5.5°	1579.5	1578.8	1578.5	1577.6	1578.0	1576.8	1576.6	1575.5	1574.9	1573.7	1571.5
6°	1577.7	1577.0	1576.2	1575.9	1575.7	1575.1	1574.7	1573.5	1572.6	1571.8	1569.0
6.5°	1575.4	1574.9	1574.5	1573.9	1573.4	1574.0	1573.0	1571.6	1569.8	1569.7	1566.8
7°	1573.5	1572.5	1573.0	1571.9	1571.6	1571.8	1571.0	1569.0	1567.3	1566.6	1564.7
7.5°	1570.8	1570.2	1570.3	1570.4	1569.1	1569.2	1568.3	1567.3	1564.8	1564.4	1562.6
8°	1568.3	1568.0	1567.6	1567.7	1567.2	1567.2	1565.2	1564.2	1562.4	1561.8	1559.2
8.5°	1565.1	1565.2	1564.7	1564.5	1564.9	1564.0	1563.8	1561.7	1560.6	1558.7	1556.4
9°	1562.0	1562.4	1562.0	1561.9	1562.4	1561.1	1560.6	1559.5	1557.0	1555.5	1553.4
9.5°	1559.4	1559.5	1558.7	1558.8	1558.9	1558.7	1557.2	1555.9	1553.4	1552.2	1549.6
10°	1555.9	1556.1	1555.4	1556.3	1555.8	1554.5	1554.6	1553.0	1550.5	1548.9	1546.1
10.5°	1552.4	1552.8	1551.4	1553.0	1552.5	1551.7	1551.7	1550.0	1547.7	1544.9	1542.8
11°	1548.1	1549.4	1548.7	1550.0	1549.4	1548.9	1548.4	1546.7	1544.0	1541.0	1538.7
11.5°	1544.1	1545.5	1544.6	1545.8	1545.7	1545.8	1544.6	1542.6	1539.8	1537.7	1534.5
12°	1540.2	1541.0	1540.8	1541.5	1542.4	1541.6	1540.8	1538.9	1536.5	1534.2	1530.4
12.5°	1536.0	1537.1	1537.0	1537.3	1538.6	1537.7	1536.9	1535.3	1532.9	1529.4	1526.7
13°	1531.7	1532.7	1532.2	1532.8	1533.9	1533.5	1533.3	1531.5	1529.3	1525.1	1522.5
13.5°	1526.6	1527.3	1527.4	1528.8	1529.6	1529.2	1529.1	1527.3	1524.2	1520.6	1517.1
14°	1521.4	1522.6	1523.4	1524.6	1525.3	1525.1	1524.8	1523.5	1519.7	1516.1	1512.3
14.5°	1516.2	1517.5	1518.5	1519.7	1521.0	1520.8	1520.4	1518.7	1515.9	1511.2	1507.3
15°	1510.9	1513.0	1513.4	1514.9	1516.8	1516.0	1516.0	1513.7	1511.4	1505.7	1502.3
15.5°	1505.4	1508.1	1508.7	1510.2	1512.1	1510.9	1511.5	1508.9	1506.0	1501.0	1497.2
16°	1499.4	1502.0	1503.2	1504.7	1506.6	1506.4	1506.4	1504.5	1500.9	1496.6	1492.1
16.5°	1493.7	1496.5	1497.7	1499.3	1501.1	1501.5	1501.0	1499.8	1496.3	1491.4	1486.3
17°	1487.6	1490.3	1491.7	1493.7	1496.1	1496.0	1495.9	1494.7	1490.9	1485.7	1480.1
17.5°	1481.4	1484.6	1486.2	1488.0	1491.0	1491.1	1491.6	1489.1	1485.3	1480.2	1474.4
18°	1475.3	1477.7	1480.4	1483.0	1485.1	1485.2	1485.6	1483.2	1479.4	1474.5	1468.2
18.5°	1468.5	1470.7	1474.5	1476.8	1479.4	1479.2	1479.3	1477.9	1473.8	1468.0	1461.6
19°	1461.3	1464.0	1467.7	1470.0	1473.5	1473.9	1473.9	1472.2	1468.4	1461.8	1455.6
19.5°	1454.2	1457.3	1461.0	1464.2	1467.1	1467.6	1468.0	1466.1	1462.2	1455.8	1448.9
20°	1447.9	1451.2	1454.5	1457.8	1460.7	1461.9	1461.8	1460.3	1456.1	1449.4	1442.3
20.5°	1440.6	1443.8	1447.9	1450.7	1454.7	1455.3	1455.4	1454.3	1449.9	1443.0	1435.5
21°	1432.9	1437.2	1440.4	1443.9	1447.7	1449.4	1449.3	1447.6	1443.4	1436.0	1428.6



TEST NUMBER: P563555

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
22.5°	1409.3	1413.2	1418.2	1423.3	1427.2	1429.4	1429.4	1427.1	1423.0	1414.9	1407.3
23°	1401.1	1405.4	1410.9	1415.7	1420.0	1422.1	1422.3	1420.0	1416.0	1408.2	1399.2
23.5°	1392.7	1397.3	1402.8	1407.6	1413.2	1415.4	1415.6	1413.4	1408.7	1401.3	1391.7
24°	1383.9	1389.5	1394.5	1400.2	1405.3	1407.8	1408.3	1406.4	1401.7	1393.7	1384.1
24.5°	1375.3	1380.7	1386.6	1392.1	1397.5	1400.5	1401.4	1399.1	1394.1	1385.9	1376.1
25°	1366.9	1372.0	1378.5	1384.2	1389.7	1393.1	1394.2	1391.7	1386.5	1377.8	1367.8
25.5°	1357.8	1363.6	1369.8	1375.7	1381.6	1385.3	1386.2	1383.9	1378.8	1370.0	1360.0
26°	1348.7	1354.7	1361.3	1367.2	1373.8	1377.2	1378.0	1376.6	1371.1	1361.9	1351.4
26.5°	1339.5	1345.3	1352.3	1358.8	1366.0	1369.7	1370.3	1368.6	1362.8	1353.9	1343.0
27°	1329.7	1336.4	1343.4	1350.4	1357.1	1361.3	1362.2	1360.1	1354.9	1345.5	1334.4
27.5°	1320.3	1326.6	1334.4	1341.5	1349.1	1352.8	1353.8	1352.1	1346.7	1337.2	1325.5
28°	1310.3	1317.5	1324.7	1333.0	1340.2	1344.1	1345.3	1343.8	1338.2	1328.7	1316.4
28.5°	1300.5	1307.6	1315.7	1323.9	1331.1	1335.8	1337.1	1335.7	1329.7	1319.8	1308.0
29°	1290.4	1297.8	1306.5	1314.1	1322.7	1327.7	1328.9	1326.9	1321.1	1311.1	1298.6
29.5°	1279.8	1287.2	1296.6	1304.8	1313.5	1318.1	1320.5	1318.2	1312.0	1302.1	1289.0
30°	1269.9	1277.7	1286.9	1295.8	1304.3	1310.1	1310.9	1309.4	1302.9	1292.9	1279.9
30.5°	1259.5	1266.7	1277.0	1286.6	1294.9	1300.7	1301.7	1300.0	1294.8	1283.7	1270.3
31°	1248.0	1257.1	1267.1	1276.4	1285.7	1290.9	1293.3	1291.7	1285.3	1274.0	1260.8
31.5°	1237.2	1246.6	1256.8	1266.2	1276.5	1282.0	1283.8	1282.1	1275.5	1265.1	1251.1
32°	1226.5	1235.6	1246.3	1256.8	1266.3	1272.4	1274.1	1272.9	1266.8	1255.4	1241.2
32.5°	1215.5	1225.3	1236.3	1246.6	1256.3	1263.0	1265.0	1263.7	1256.8	1245.8	1231.4
33°	1204.4	1214.1	1225.9	1236.4	1247.2	1253.0	1255.7	1253.8	1247.5	1236.1	1220.9
33.5°	1193.1	1203.2	1214.9	1226.4	1236.7	1243.4	1245.4	1244.4	1237.8	1225.9	1210.7
34°	1181.8	1192.1	1204.2	1215.9	1226.0	1233.4	1235.7	1235.1	1228.0	1216.0	1200.6
34.5°	1170.8	1180.8	1193.3	1205.2	1216.1	1223.8	1226.1	1224.9	1217.6	1206.3	1191.5
35°	1159.0	1169.2	1182.3	1194.2	1206.1	1213.3	1216.3	1214.7	1207.9	1196.0	1181.5
35.5°	1146.7	1158.3	1171.1	1183.5	1195.5	1202.5	1205.9	1204.6	1197.9	1186.3	1170.3
36°	1134.9	1146.6	1160.0	1173.1	1184.4	1192.7	1195.7	1194.9	1187.9	1175.4	1159.1
36.5°	1123.2	1134.6	1148.8	1162.3	1174.0	1182.5	1185.6	1184.8	1177.1	1164.6	1148.0
37°	1111.3	1123.3	1137.3	1150.4	1163.8	1172.2	1175.0	1174.0	1166.4	1153.7	1136.9
37.5°	1099.6	1111.2	1125.9	1139.8	1152.6	1161.4	1164.4	1163.3	1155.7	1142.9	1125.8
38°	1087.3	1099.8	1114.7	1128.9	1141.9	1150.3	1153.6	1152.5	1145.0	1132.1	1114.8
38.5°	1075.6	1087.4	1103.2	1117.3	1129.9	1139.2	1143.0	1141.8	1134.3	1121.2	1103.4
39°	1063.3	1075.9	1091.3	1105.7	1119.2	1128.1	1132.0	1130.8	1123.2	1110.1	1092.4
39.5°	1051.4	1063.7	1079.4	1094.2	1107.9	1117.1	1120.7	1119.5	1112.0	1099.3	1080.8
40°	1038.8	1051.4	1067.4	1082.7	1096.6	1106.2	1109.9	1108.5	1101.1	1087.9	1069.6
40.5°	1026.0	1039.3	1055.1	1071.5	1084.8	1095.0	1098.6	1097.1	1089.9	1076.8	1058.2
41°	1013.4	1026.7	1043.4	1059.3	1073.7	1083.2	1087.1	1086.1	1078.6	1065.7	1046.8
41.5°	1001.5	1014.7	1031.4	1047.3	1061.7	1071.8	1076.0	1074.8	1067.6	1053.7	1034.7
42°	989.3	1003.0	1019.4	1035.6	1050.1	1060.1	1064.0	1063.8	1055.7	1041.7	1023.0
42.5°	977.0	990.5	1007.3	1023.7	1038.2	1048.5	1052.7	1052.0	1044.5	1030.5	1011.0
43°	964.5	977.3	994.9	1011.7	1026.6	1037.6	1041.1	1040.3	1032.6	1019.0	1000.3
43.5°	951.5	965.6	982.9	999.7	1015.0	1025.3	1029.4	1028.7	1020.7	1007.2	988.0



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CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
45°	914.4	928.2	945.9	963.2	979.3	989.7	993.7	993.3	985.7	971.2	951.8
45.5°	901.4	915.4	933.6	951.1	966.5	977.1	982.1	981.4	973.2	959.1	939.7
46°	888.8	902.7	921.1	938.6	954.2	965.7	969.7	969.2	960.9	947.3	927.6
46.5°	876.1	890.6	908.2	926.2	941.7	953.0	957.5	956.8	949.0	935.2	915.6
47°	863.7	877.6	895.8	914.1	930.1	941.4	945.7	944.7	936.7	922.8	903.2
47.5°	851.2	865.9	883.3	901.4	917.8	929.2	932.7	932.6	924.7	910.6	890.9
48°	838.6	852.6	870.8	889.0	905.3	916.8	920.6	919.9	912.4	898.5	878.7
48.5°	826.3	840.3	858.9	876.8	892.3	903.8	908.1	907.8	900.1	886.0	866.0
49°	813.5	828.0	846.6	864.2	880.7	891.7	895.9	895.6	888.0	873.5	854.0
49.5°	801.5	815.7	833.9	851.6	867.6	879.8	883.9	883.1	875.3	861.1	841.8
50°	789.1	802.7	821.3	838.8	855.8	867.1	871.4	870.7	862.9	849.0	829.2
50.5°	776.8	790.5	808.7	826.8	843.0	854.7	858.8	858.1	850.7	836.3	816.5
51°	764.1	778.2	796.4	814.6	830.8	841.8	846.0	845.5	837.5	823.7	804.2
51.5°	752.2	766.5	783.8	802.0	817.9	829.8	833.4	833.0	825.3	811.6	791.7
52°	740.0	753.5	771.5	789.1	805.6	816.3	821.1	820.5	812.7	798.5	779.2
52.5°	728.1	741.4	759.1	776.7	792.8	804.1	808.6	809.0	800.0	785.8	766.7
53°	716.0	729.2	746.6	764.4	780.5	791.4	796.7	796.2	787.3	773.4	754.4
53.5°	703.8	717.3	734.5	751.8	768.0	779.1	785.3	782.2	774.7	761.1	741.9
54°	691.7	704.1	722.4	739.2	755.4	766.1	771.7	769.4	761.6	748.2	729.7
54.5°	680.0	692.6	709.8	727.0	742.3	753.9	757.7	756.8	749.1	735.8	717.2
55°	667.7	680.8	697.7	714.6	730.1	741.0	744.9	743.7	736.3	723.2	704.5
55.5°	655.7	668.9	685.8	702.3	717.2	728.4	731.8	730.8	723.3	710.4	691.9
56°	643.9	656.6	673.4	689.6	704.7	715.1	719.0	719.4	710.9	697.7	679.6
56.5°	632.3	644.7	661.1	677.3	692.2	702.4	706.9	706.5	698.4	685.0	667.2
57°	621.0	632.8	648.6	665.1	679.6	689.8	695.7	692.1	685.8	672.5	654.7
57.5°	609.2	621.3	636.6	653.2	667.0	677.3	682.2	679.6	672.1	659.7	642.4
58°	597.5	609.5	625.0	640.7	654.2	664.5	667.4	666.7	659.4	647.1	629.8
58.5°	586.3	597.6	612.7	627.9	641.5	651.5	654.7	654.1	646.5	634.8	617.3
59°	575.1	585.9	600.4	615.4	629.4	638.7	642.1	641.4	634.0	621.8	604.8
59.5°	563.5	574.6	588.6	603.3	616.9	626.8	630.3	627.6	620.9	609.0	592.8
60°	552.5	563.2	576.8	591.4	605.3	614.1	617.0	614.8	608.1	596.5	579.9
60.5°	541.3	551.7	565.2	579.2	593.1	600.7	602.8	602.1	594.8	583.7	567.8
61°	530.2	540.2	553.8	567.2	579.8	587.3	589.7	589.3	582.3	570.9	555.5
61.5°	519.0	528.7	541.9	555.6	566.7	575.0	577.3	575.9	569.0	558.1	542.9
62°	507.9	517.2	530.2	543.3	558.1	563.6	565.3	563.2	556.1	545.8	530.6
62.5°	496.6	505.6	518.2	531.5	544.8	559.5	548.8	549.9	543.5	533.2	518.2
63°	485.6	494.5	506.3	519.0	532.6	543.9	536.1	537.3	530.8	520.5	506.5
63.5°	475.1	483.5	494.6	506.4	518.8	528.9	523.7	524.2	517.5	508.0	494.3
64°	464.6	472.6	483.0	494.1	505.0	513.9	511.2	510.9	504.9	495.5	482.0
64.5°	453.9	461.4	471.8	482.3	492.2	498.9	498.7	498.1	492.1	482.8	469.7
65°	443.4	450.7	460.7	470.7	479.6	485.5	485.9	485.5	479.5	470.2	458.1
65.5°	433.0	440.1	449.3	458.8	467.3	472.5	473.7	472.3	466.6	457.9	445.8
66°	422.4	429.4	437.9	447.3	455.1	461.1	461.0	459.4	454.0	445.5	433.6



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CATALOG NUMBER: 4NWS3C3MS-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
67.5°	392.2	397.6	405.4	412.8	419.0	422.5	422.1	421.0	415.9	408.4	398.2
68°	382.0	387.3	394.5	401.1	406.9	410.3	409.3	408.4	403.2	395.9	385.9
68.5°	372.1	376.9	383.3	389.7	394.9	397.8	397.1	395.6	390.3	383.5	374.4
69°	362.1	366.3	372.6	378.2	382.8	385.4	384.3	382.7	377.6	371.5	362.6
69.5°	352.0	356.0	361.9	367.1	371.4	373.4	371.8	369.7	365.3	359.4	351.3
70°	342.0	346.1	351.4	356.1	359.6	360.8	358.8	357.4	352.9	347.2	339.6
70.5°	332.7	336.1	340.9	344.9	347.8	348.4	346.4	344.7	340.0	335.3	327.9
71°	323.3	326.2	330.4	334.0	336.2	336.4	333.7	332.3	328.0	322.9	316.3
71.5°	313.6	316.5	320.0	322.8	324.6	324.2	321.3	319.7	315.5	311.1	305.1
72°	304.0	306.6	309.6	312.0	313.1	312.2	309.1	307.2	303.1	299.0	293.8
72.5°	294.8	296.6	299.4	301.1	302.0	300.4	296.8	294.6	290.8	287.4	282.6
73°	285.3	286.8	289.1	290.4	290.7	288.4	284.5	282.3	278.6	275.5	271.2
73.5°	276.2	277.3	279.1	279.9	279.4	276.7	272.4	270.1	266.7	263.9	260.3
74°	267.4	268.0	269.4	269.6	268.2	265.0	260.3	257.9	254.8	252.3	249.2
74.5°	258.3	258.7	259.5	259.0	257.1	253.4	248.2	245.6	242.8	240.6	238.6
75°	249.2	249.3	249.5	248.3	246.0	241.9	236.4	233.7	231.1	229.4	227.9
75.5°	240.5	240.2	239.9	238.2	235.3	230.4	224.7	221.8	219.2	218.3	217.4
76°	231.8	231.2	230.3	228.1	224.6	219.2	212.9	210.0	207.7	207.2	206.6
76.5°	223.3	222.1	220.8	217.9	214.0	208.1	201.2	198.2	196.3	196.3	196.5
77°	214.7	213.2	211.7	208.4	203.4	197.0	190.0	186.7	185.0	185.3	186.3
77.5°	206.3	204.5	202.4	198.6	193.0	186.0	178.6	175.4	173.6	174.9	176.4
78°	198.1	196.0	193.2	188.9	182.9	175.4	167.6	164.1	162.8	164.2	166.1
78.5°	190.0	187.5	184.4	179.5	173.0	164.8	156.8	153.1	151.9	153.9	156.7
79°	182.1	179.3	175.6	170.2	163.1	154.5	146.1	142.6	141.7	144.3	147.7
79.5°	174.2	171.0	166.9	160.8	153.5	144.3	135.3	132.2	131.5	134.7	138.7
80°	166.4	163.1	158.5	152.0	143.9	134.1	125.1	121.8	121.3	125.2	129.7
80.5°	158.8	155.2	150.2	142.9	134.5	124.6	115.1	111.4	111.2	115.6	120.8
81°	151.6	147.6	142.1	134.6	125.5	115.1	105.3	101.4	101.5	106.0	111.8
81.5°	144.3	140.0	134.2	126.1	116.8	105.9	95.7	91.3	92.3	97.0	103.3
82°	137.1	132.5	126.5	118.2	108.0	96.8	86.5	82.0	83.0	88.2	95.1
82.5°	130.1	125.4	119.0	110.1	99.7	88.1	77.7	73.2	74.2	80.0	87.4
83°	123.5	118.4	111.7	102.6	91.7	79.7	69.1	64.5	65.9	72.1	79.8
83.5°	116.9	111.8	104.6	95.2	83.9	71.8	60.9	56.4	58.1	64.3	72.6
84°	110.5	105.2	97.9	88.0	76.4	64.0	53.2	48.5	50.3	57.0	65.7
84.5°	104.4	98.8	91.2	80.9	69.3	56.7	46.6	41.1	43.1	50.0	59.2
85°	98.3	92.6	84.7	74.5	62.5	50.7	40.0	34.2	36.3	43.6	53.1
85.5°	92.5	86.6	78.6	68.3	56.2	44.8	33.4	27.7	30.1	37.7	47.3
86°	86.8	81.0	72.8	62.4	51.0	38.8	26.9	23.0	24.4	32.3	42.0
86.5°	81.5	75.6	67.2	56.8	45.8	32.9	21.2	18.3	20.6	27.2	37.0
87°	76.3	70.2	61.8	52.2	40.7	27.0	16.4	13.7	16.8	22.8	32.4
87.5°	71.2	65.1	56.9	47.6	35.5	22.4	12.3	9.0	13.0	19.9	28.2
88°	66.4	60.3	52.6	43.0	30.3	18.4	8.8	4.4	9.2	17.0	24.5
88.5°	61.9	55.6	48.5	38.3	26.3	15.0	6.1	2.0	5.6	14.2	21.3



TEST NUMBER: P563555

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
90°	50.1	44.3	36.2	26.7	16.7	7.8	2.7	0.6	2.4	7.1	15.0
90.5°	46.6	40.6	32.9	23.7	14.3	6.3	1.6	0.5	2.0	6.1	13.2
91°	43.1	37.2	29.8	21.0	12.3	5.6	1.2	0.3	1.8	5.3	11.4
91.5°	39.6	34.1	26.9	18.6	10.6	4.9	1.0	0.2	1.6	4.8	9.7
92°	36.6	31.2	24.3	16.6	9.3	4.2	0.8	0.3	1.4	4.5	8.9
92.5°	33.7	28.6	22.0	14.8	8.1	3.5	0.7	0.3	1.3	4.2	8.2
93°	31.1	26.2	20.0	13.2	7.3	3.1	0.6	0.4	1.2	3.9	7.7
93.5°	28.7	24.0	18.1	11.9	6.6	2.8	0.5	0.4	1.1	3.7	7.3
94°	26.5	22.0	16.5	10.8	6.1	2.6	0.5	0.5	1.1	3.6	7.0
94.5°	24.5	20.2	15.1	9.9	5.8	2.4	0.5	0.5	1.1	3.6	6.7
95°	22.6	18.6	13.8	9.2	5.4	2.2	0.6	0.6	1.1	3.5	6.4
95.5°	20.9	17.2	12.8	8.7	5.1	2.0	0.6	0.7	1.1	3.5	6.3
96°	19.4	15.9	12.0	8.2	4.7	1.9	0.7	0.8	1.1	3.4	6.1
96.5°	18.1	14.9	11.3	7.8	4.4	1.7	0.8	0.8	1.1	3.2	6.0
97°	16.9	14.0	10.7	7.4	4.2	1.6	0.9	0.9	1.1	3.1	5.9
97.5°	15.9	13.2	10.2	7.1	4.0	1.5	1.0	1.0	1.1	3.0	5.8
98°	15.0	12.5	9.7	6.7	3.7	1.5	1.1	1.1	1.1	2.9	5.7
98.5°	14.3	12.0	9.3	6.4	3.5	1.4	1.1	1.2	1.2	2.8	5.6
99°	13.6	11.5	8.9	6.1	3.4	1.4	1.2	1.4	1.2	2.8	5.5
99.5°	13.1	11.1	8.6	5.8	3.2	1.3	1.3	1.5	1.4	2.8	5.4
100°	12.6	10.7	8.2	5.5	3.0	1.3	1.4	1.6	1.5	2.8	5.3
100.5°	12.1	10.2	7.8	5.2	2.8	1.3	1.4	1.8	1.5	2.8	5.1
101°	11.7	9.8	7.5	4.9	2.7	1.3	1.5	1.9	1.6	2.7	5.0
101.5°	11.3	9.4	7.2	4.7	2.5	1.3	1.6	1.9	1.7	2.6	4.9
102°	10.8	9.0	6.9	4.4	2.4	1.3	1.6	2.0	1.8	2.6	4.8
102.5°	10.4	8.7	6.6	4.2	2.2	1.3	1.8	2.1	1.9	2.5	4.7
103°	10.0	8.4	6.3	4.0	2.1	1.4	1.9	2.1	1.9	2.4	4.6
103.5°	9.6	8.0	6.0	3.8	2.0	1.5	1.9	2.2	2.0	2.3	4.5
104°	9.3	7.7	5.8	3.6	2.0	1.6	2.0	2.2	2.1	2.3	4.4
104.5°	8.9	7.4	5.5	3.5	2.0	1.7	2.1	2.3	2.2	2.3	4.3
105°	8.6	7.1	5.3	3.3	2.0	1.8	2.3	2.4	2.2	2.2	4.2
105.5°	8.2	6.8	5.0	3.1	1.9	1.8	2.6	2.4	2.3	2.2	4.1
106°	7.9	6.5	4.8	3.0	1.9	1.9	2.9	2.5	2.4	2.2	3.9
106.5°	7.6	6.3	4.6	2.9	1.9	1.9	3.2	2.6	2.6	2.2	3.7
107°	7.3	6.0	4.4	2.7	1.9	1.9	3.4	2.6	2.9	2.1	3.6
107.5°	7.0	5.7	4.2	2.6	1.9	2.0	3.5	2.7	3.1	2.1	3.5
108°	6.7	5.5	4.0	2.5	1.9	2.1	3.5	2.7	3.1	2.1	3.4
108.5°	6.5	5.2	3.8	2.5	1.9	2.1	3.4	2.8	3.0	2.2	3.3
109°	6.2	5.0	3.6	2.4	2.0	2.2	3.3	2.8	3.0	2.2	3.2
109.5°	6.0	4.8	3.5	2.3	2.1	2.3	3.3	2.8	3.1	2.3	3.1
110°	5.7	4.6	3.3	2.2	2.1	2.3	3.2	2.9	3.2	2.4	3.1
110.5°	5.5	4.3	3.2	2.2	2.2	2.4	3.2	2.9	3.2	2.4	3.0
111°	5.2	4.1	3.0	2.2	2.2	2.5	3.2	2.9	3.3	2.5	3.0



TEST NUMBER: P563555

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
112.5°	4.6	3.6	2.7	2.1	2.2	2.9	3.3	3.1	3.6	2.7	2.9
113°	4.4	3.5	2.6	2.1	2.3	3.0	3.4	3.1	3.7	2.7	2.8
113.5°	4.2	3.4	2.6	2.1	2.3	3.2	3.4	3.1	3.7	2.7	2.7
114°	4.1	3.3	2.5	2.2	2.4	3.4	3.5	3.1	3.8	2.8	2.6
114.5°	3.9	3.2	2.5	2.2	2.5	3.5	3.5	3.1	3.8	2.8	2.5
115°	3.8	3.1	2.5	2.2	2.6	3.6	3.5	3.1	3.8	2.9	2.4
115.5°	3.6	3.0	2.5	2.3	2.7	3.8	3.6	3.1	3.9	2.9	2.4
116°	3.5	3.0	2.5	2.4	2.8	3.9	3.6	3.1	3.9	3.0	2.4
116.5°	3.4	2.9	2.4	2.4	2.9	4.0	3.6	3.1	3.9	3.1	2.5
117°	3.3	2.9	2.4	2.5	3.0	4.1	3.7	3.2	4.0	3.1	2.5
117.5°	3.2	2.8	2.4	2.6	3.1	4.1	3.7	3.2	4.0	3.2	2.6
118°	3.1	2.8	2.4	2.7	3.2	4.2	3.8	3.2	4.1	3.3	2.7
118.5°	3.0	2.7	2.4	2.7	3.2	4.3	3.9	3.2	4.1	3.3	2.7
119°	2.9	2.6	2.4	2.8	3.3	4.5	3.9	3.2	4.1	3.4	2.7
119.5°	2.9	2.6	2.4	2.9	3.4	4.6	3.9	3.2	4.1	3.5	2.8
120°	2.8	2.5	2.5	3.0	3.4	4.7	4.0	3.2	4.2	3.6	2.9
120.5°	2.8	2.5	2.5	3.0	3.5	4.8	4.0	3.2	4.2	3.7	3.0
121°	2.7	2.5	2.6	3.1	3.6	4.9	4.0	3.2	4.2	3.8	3.0
121.5°	2.6	2.5	2.6	3.1	3.7	4.9	4.0	3.2	4.2	3.8	3.1
122°	2.6	2.4	2.7	3.2	3.8	4.9	4.0	3.2	4.2	3.8	3.1
122.5°	2.6	2.5	2.8	3.2	3.9	4.9	4.0	3.2	4.2	3.8	3.2
123°	2.5	2.5	2.8	3.3	4.0	4.8	3.9	3.2	4.3	3.8	3.2
123.5°	2.5	2.5	2.9	3.4	4.1	4.7	3.9	3.2	4.3	3.8	3.3
124°	2.4	2.6	3.0	3.4	4.1	4.6	3.9	3.2	4.3	3.9	3.3
124.5°	2.4	2.6	3.0	3.5	4.2	4.6	3.8	3.2	4.3	3.9	3.4
125°	2.5	2.6	3.1	3.5	4.4	4.5	3.8	3.2	4.3	4.0	3.4
125.5°	2.5	2.7	3.1	3.6	4.5	4.5	3.8	3.2	4.3	4.0	3.5
126°	2.5	2.7	3.2	3.7	4.7	4.4	3.7	3.2	4.3	4.0	3.5
126.5°	2.5	2.8	3.2	3.7	4.8	4.4	3.7	3.2	4.3	4.1	3.5
127°	2.6	2.8	3.3	3.8	4.8	4.3	3.7	3.2	4.3	4.1	3.6
127.5°	2.6	2.9	3.4	3.9	4.8	4.3	3.7	3.3	4.3	4.2	3.6
128°	2.6	3.0	3.4	4.0	4.9	4.3	3.7	3.3	4.3	4.2	3.7
128.5°	2.7	3.0	3.5	4.1	5.0	4.2	3.7	3.2	4.3	4.2	3.7
129°	2.7	3.0	3.5	4.2	5.0	4.2	3.7	3.2	4.3	4.2	3.9
129.5°	2.8	3.1	3.6	4.3	5.1	4.2	3.7	3.2	4.3	4.2	4.0
130°	2.8	3.1	3.6	4.3	5.1	4.2	3.6	3.3	4.3	4.2	4.1
130.5°	2.9	3.2	3.7	4.4	5.2	4.2	3.6	3.3	4.3	4.3	4.1
131°	2.9	3.2	3.8	4.4	5.2	4.2	3.6	3.3	4.3	4.3	4.1
131.5°	3.0	3.3	3.8	4.5	5.3	4.2	3.6	3.3	4.3	4.3	4.0
132°	3.0	3.4	3.9	4.6	5.3	4.2	3.6	3.3	4.3	4.4	4.0
132.5°	3.0	3.4	3.9	4.7	5.3	4.2	3.6	3.3	4.3	4.4	4.0
133°	3.1	3.5	4.0	4.8	5.3	4.2	3.6	3.3	4.3	4.4	4.1
133.5°	3.1	3.5	4.1	5.0	5.3	4.1	3.6	3.3	4.2	4.4	4.1



TEST NUMBER: P563555

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
135°	3.3	3.7	4.3	5.3	5.1	4.1	3.6	3.4	4.2	4.4	4.0
135.5°	3.4	3.8	4.4	5.3	5.0	4.1	3.6	3.4	4.2	4.5	4.0
136°	3.4	3.8	4.4	5.3	5.0	4.1	3.7	3.4	4.2	4.4	4.1
136.5°	3.5	3.9	4.5	5.3	4.9	4.1	3.7	3.4	4.2	4.4	4.1
137°	3.5	4.0	4.6	5.4	4.9	4.1	3.7	3.4	4.2	4.4	4.1
137.5°	3.6	4.0	4.7	5.4	4.8	4.1	3.7	3.4	4.1	4.4	4.1
138°	3.6	4.1	4.8	5.5	4.8	4.1	3.7	3.4	4.1	4.4	4.2
138.5°	3.7	4.2	4.9	5.5	4.7	4.1	3.7	3.4	4.0	4.4	4.2
139°	3.8	4.3	5.0	5.5	4.6	4.1	3.7	3.4	3.9	4.4	4.1
139.5°	3.8	4.3	5.1	5.5	4.6	4.1	3.8	3.4	3.9	4.4	4.1
140°	3.9	4.4	5.1	5.4	4.5	4.1	3.8	3.4	4.0	4.4	4.2
140.5°	3.9	4.4	5.2	5.4	4.4	4.1	3.8	3.3	4.0	4.5	4.2
141°	4.0	4.5	5.2	5.3	4.4	4.1	3.7	3.3	4.0	4.5	4.2
141.5°	4.1	4.6	5.2	5.2	4.3	4.1	3.7	3.3	4.0	4.5	4.2
142°	4.1	4.7	5.3	5.2	4.2	4.1	3.8	3.3	4.0	4.5	4.2
142.5°	4.2	4.8	5.3	5.1	4.2	4.1	3.8	3.2	4.0	4.5	4.1
143°	4.2	4.9	5.3	5.0	4.2	4.1	3.7	3.1	3.9	4.4	4.0
143.5°	4.3	5.0	5.3	4.9	4.1	4.1	3.7	3.2	3.9	4.3	4.1
144°	4.4	5.0	5.3	4.8	4.1	4.1	3.7	3.2	3.9	4.3	4.1
144.5°	4.5	5.0	5.3	4.8	4.1	4.0	3.7	3.3	3.9	4.4	4.2
145°	4.7	5.1	5.2	4.7	4.0	4.0	3.8	3.3	3.9	4.5	4.2
145.5°	4.8	5.1	5.1	4.6	4.0	4.0	3.8	3.2	3.8	4.5	4.1
146°	4.9	5.1	5.1	4.5	4.0	4.0	3.8	3.2	3.8	4.6	4.1
146.5°	4.9	5.0	5.0	4.4	4.0	4.0	3.7	3.2	3.8	4.5	4.2
147°	4.9	5.0	4.9	4.3	3.9	4.0	3.7	3.2	3.7	4.5	4.3
147.5°	4.9	5.0	4.8	4.2	3.9	4.0	3.6	3.2	3.8	4.5	4.3
148°	4.9	5.0	4.7	4.1	3.9	3.8	3.5	3.3	3.8	4.5	4.3
148.5°	4.8	4.9	4.7	4.1	3.9	3.8	3.6	3.3	3.7	4.5	4.4
149°	4.8	4.9	4.6	4.0	3.9	3.9	3.7	3.3	3.7	4.4	4.4
149.5°	4.8	4.8	4.5	3.9	3.8	3.9	3.6	3.2	3.7	4.4	4.4
150°	4.7	4.7	4.3	3.9	3.8	3.9	3.6	3.3	3.7	4.4	4.4
150.5°	4.7	4.6	4.2	3.8	3.8	3.8	3.6	3.3	3.7	4.4	4.4
151°	4.7	4.5	4.1	3.8	3.7	3.8	3.6	3.3	3.6	4.3	4.3
151.5°	4.7	4.4	4.0	3.8	3.7	3.8	3.6	3.3	3.6	4.3	4.2
152°	4.6	4.3	4.0	3.7	3.8	3.8	3.5	3.3	3.5	4.2	4.3
152.5°	4.5	4.2	3.9	3.7	3.8	3.8	3.5	3.3	3.4	4.1	4.4
153°	4.4	4.2	3.8	3.6	3.8	3.8	3.5	3.2	3.2	4.1	4.4
153.5°	4.3	4.1	3.7	3.6	3.8	3.8	3.5	3.1	3.1	4.0	4.4
154°	4.2	4.0	3.7	3.6	3.8	3.7	3.5	3.1	3.1	4.0	4.4
154.5°	4.1	3.9	3.6	3.6	3.7	3.7	3.4	3.1	3.1	3.8	4.3
155°	4.0	3.8	3.6	3.6	3.7	3.6	3.4	3.0	3.0	3.6	4.1
155.5°	3.9	3.7	3.5	3.5	3.6	3.5	3.4	3.0	2.9	3.5	4.0
156°	3.8	3.6	3.5	3.6	3.6	3.4	3.3	2.8	2.9	3.4	3.8



TEST NUMBER: P563555

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
157.5°	3.6	3.4	3.4	3.5	3.5	3.4	2.8	2.8	2.9	3.3	3.8
158°	3.5	3.4	3.4	3.5	3.6	3.4	2.8	2.8	2.9	3.2	3.7
158.5°	3.5	3.4	3.4	3.6	3.6	3.3	2.7	2.8	2.9	3.2	3.7
159°	3.4	3.4	3.4	3.5	3.5	3.3	2.7	2.8	2.9	3.2	3.6
159.5°	3.4	3.3	3.4	3.5	3.4	3.2	2.7	2.8	2.8	3.1	3.5
160°	3.3	3.3	3.4	3.4	3.4	3.3	2.7	2.8	2.8	3.1	3.5
160.5°	3.3	3.4	3.4	3.4	3.4	3.3	2.7	2.7	2.8	3.1	3.4
161°	3.3	3.4	3.4	3.4	3.5	3.2	2.7	2.7	2.8	3.0	3.4
161.5°	3.3	3.4	3.5	3.5	3.5	3.0	2.7	2.7	2.8	3.0	3.3
162°	3.3	3.4	3.5	3.6	3.4	2.8	2.7	2.7	2.8	3.0	3.3
162.5°	3.3	3.4	3.5	3.6	3.3	2.7	2.7	2.7	2.8	2.9	3.3
163°	3.3	3.4	3.5	3.6	3.3	2.7	2.7	2.7	2.8	2.9	3.2
163.5°	3.3	3.4	3.5	3.5	3.0	2.7	2.7	2.7	2.8	2.9	3.2
164°	3.4	3.4	3.5	3.4	2.8	2.7	2.7	2.7	2.8	2.9	3.1
164.5°	3.4	3.5	3.6	3.4	2.8	2.7	2.7	2.7	2.8	2.9	3.1
165°	3.4	3.5	3.6	3.4	2.8	2.6	2.7	2.7	2.8	2.9	3.1
165.5°	3.4	3.5	3.5	3.3	2.8	2.6	2.7	2.7	2.8	2.8	3.1
166°	3.4	3.5	3.5	3.3	2.7	2.6	2.7	2.7	2.8	2.8	3.0
166.5°	3.5	3.5	3.5	3.3	2.7	2.6	2.7	2.7	2.8	2.8	3.0
167°	3.5	3.5	3.5	3.2	2.7	2.7	2.7	2.7	2.8	2.8	3.0
167.5°	3.5	3.6	3.4	2.9	2.7	2.7	2.7	2.7	2.7	2.8	3.0
168°	3.5	3.6	3.4	2.8	2.7	2.7	2.7	2.7	2.7	2.8	3.0
168.5°	3.5	3.6	3.3	2.8	2.7	2.7	2.7	2.7	2.7	2.8	2.9
169°	3.5	3.5	3.2	2.8	2.7	2.7	2.7	2.7	2.7	2.8	2.9
169.5°	3.5	3.5	3.2	2.8	2.7	2.7	2.8	2.7	2.7	2.9	2.9
170°	3.5	3.5	3.2	2.7	2.7	2.8	2.9	2.9	2.7	2.9	3.1
170.5°	3.5	3.4	2.9	2.7	2.7	2.9	3.0	3.0	2.7	3.1	3.3
171°	3.5	3.3	2.8	2.7	2.7	2.9	3.1	3.1	2.8	3.3	3.3
171.5°	3.5	3.2	2.7	2.6	2.8	3.0	3.2	3.1	3.1	3.3	3.3
172°	3.4	3.1	2.7	2.6	2.8	3.2	3.2	3.1	3.1	3.2	3.3
172.5°	3.3	3.0	2.7	2.6	2.9	3.2	3.2	3.1	3.1	3.2	3.3
173°	3.3	3.0	2.7	2.6	2.9	3.2	3.2	3.1	3.1	3.2	3.3
173.5°	3.2	3.0	2.7	2.7	2.9	3.1	3.2	3.1	3.1	3.2	3.3
174°	3.1	2.7	2.6	2.7	2.9	3.1	3.1	3.1	3.1	3.1	3.3
174.5°	3.0	2.6	2.6	2.7	3.1	3.2	3.2	3.1	3.1	3.1	3.2
175°	3.0	2.7	2.6	2.8	3.1	3.2	3.1	3.1	3.1	3.1	3.2
175.5°	3.0	2.7	2.6	2.8	3.1	3.2	3.2	3.1	3.1	3.1	3.1
176°	3.0	2.7	2.7	2.8	3.0	3.2	3.2	3.1	3.1	3.1	3.1
176.5°	3.0	2.8	2.7	2.8	3.0	3.1	3.1	3.1	3.1	3.1	3.1
177°	3.0	2.8	2.7	2.8	3.1	3.2	3.1	3.1	3.1	3.1	3.1
177.5°	2.9	2.7	2.7	2.8	3.0	3.1	3.1	3.1	3.1	3.0	3.0
178°	2.7	2.6	2.6	2.6	2.8	3.0	3.1	3.0	3.0	3.0	3.0
178.5°	2.7	2.5	2.5	2.6	2.7	2.8	2.9	2.9	3.0	3.0	3.0



TEST NUMBER: P563555

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
180°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7



TEST NUMBER: P563555
 CATALOG NUMBER: 4NWS3C3MS-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
0°	1586.7	1586.7	1586.7	1586.7	1586.7	1586.7	1586.7	1586.7	1586.7	1586.7	1586.7
0.5°	1586.2	1586.2	1586.2	1586.2	1586.2	1586.3	1586.3	1586.3	1586.4	1586.4	1586.4
1°	1585.7	1585.7	1585.4	1585.1	1584.8	1584.6	1584.8	1585.1	1585.4	1585.8	1586.0
1.5°	1584.8	1584.9	1584.9	1584.7	1584.6	1584.5	1584.7	1584.9	1585.1	1585.3	1585.5
2°	1583.5	1583.5	1583.3	1583.0	1582.8	1582.7	1582.9	1583.3	1583.8	1584.2	1584.3
2.5°	1582.6	1582.4	1581.7	1581.1	1581.1	1581.4	1581.4	1581.5	1582.1	1582.8	1583.2
3°	1581.1	1580.8	1580.0	1579.7	1579.9	1580.2	1580.1	1580.1	1580.5	1581.2	1581.4
3.5°	1578.6	1578.4	1578.2	1577.7	1577.8	1578.4	1578.7	1578.9	1579.3	1579.8	1580.4
4°	1577.3	1577.2	1576.5	1576.0	1576.2	1576.7	1577.0	1577.1	1577.2	1577.8	1578.4
4.5°	1574.9	1574.5	1574.4	1574.4	1574.3	1574.1	1574.3	1574.7	1575.0	1576.0	1577.2
5°	1573.0	1572.7	1571.8	1571.4	1571.0	1570.8	1571.4	1572.3	1573.2	1574.4	1575.9
5.5°	1570.9	1570.2	1569.6	1569.0	1568.7	1569.1	1569.1	1569.8	1571.0	1572.5	1574.0
6°	1568.1	1567.4	1567.0	1566.5	1566.4	1566.1	1566.0	1566.6	1568.1	1569.3	1571.2
6.5°	1565.3	1564.2	1563.7	1563.3	1563.1	1563.3	1563.3	1564.2	1565.5	1566.9	1569.1
7°	1563.1	1562.0	1560.6	1559.9	1560.1	1560.4	1560.7	1561.5	1563.0	1564.1	1567.0
7.5°	1560.4	1559.3	1557.4	1556.9	1556.3	1555.7	1556.6	1557.9	1559.4	1561.3	1563.9
8°	1556.8	1555.9	1554.3	1553.2	1552.6	1552.8	1553.2	1554.5	1556.1	1557.8	1560.8
8.5°	1553.3	1551.6	1550.7	1549.7	1548.8	1549.2	1549.4	1550.9	1552.9	1554.7	1557.7
9°	1549.4	1547.9	1546.9	1545.5	1545.3	1545.3	1545.3	1546.7	1549.1	1551.9	1555.3
9.5°	1546.2	1544.5	1542.4	1541.5	1541.1	1540.8	1541.1	1542.8	1545.2	1548.1	1551.8
10°	1543.5	1540.6	1538.6	1537.2	1536.8	1536.8	1536.7	1538.4	1541.3	1544.4	1547.9
10.5°	1539.0	1536.6	1534.1	1532.5	1531.9	1531.2	1532.3	1534.4	1537.0	1540.5	1544.8
11°	1534.6	1532.1	1529.6	1528.2	1527.3	1527.1	1527.5	1529.4	1532.6	1535.9	1540.6
11.5°	1530.1	1527.4	1524.8	1523.1	1522.4	1521.7	1522.7	1524.6	1528.0	1532.5	1535.9
12°	1526.3	1522.6	1519.8	1518.2	1517.1	1516.7	1518.1	1520.4	1523.5	1528.3	1532.9
12.5°	1522.0	1518.0	1515.1	1513.3	1512.2	1511.1	1512.7	1515.0	1518.5	1523.2	1528.9
13°	1517.2	1512.8	1509.8	1507.6	1505.8	1505.3	1507.3	1509.6	1513.0	1518.3	1523.7
13.5°	1511.7	1507.3	1504.2	1501.7	1499.9	1499.8	1501.4	1503.6	1507.8	1512.9	1519.3
14°	1507.0	1502.2	1498.7	1496.0	1494.1	1494.7	1495.3	1498.0	1502.7	1508.6	1513.7
14.5°	1501.6	1496.3	1493.1	1490.4	1487.6	1488.0	1489.8	1492.2	1496.9	1503.1	1509.1
15°	1496.1	1490.8	1487.4	1484.0	1482.1	1481.8	1483.3	1486.5	1490.7	1497.2	1503.8
15.5°	1491.0	1485.3	1480.8	1477.3	1475.9	1475.0	1476.7	1480.0	1485.1	1491.4	1498.5
16°	1485.3	1479.5	1474.4	1470.6	1468.3	1468.2	1469.7	1473.4	1478.6	1485.3	1492.5
16.5°	1479.3	1473.2	1468.1	1464.0	1461.9	1462.1	1463.4	1466.7	1472.5	1479.2	1486.6
17°	1473.3	1466.9	1461.8	1457.6	1455.3	1454.9	1456.5	1460.0	1465.8	1473.6	1480.9
17.5°	1467.0	1460.4	1455.1	1450.7	1448.2	1447.5	1449.6	1452.9	1458.8	1467.0	1475.4
18°	1460.5	1453.5	1448.0	1443.2	1440.5	1439.6	1441.3	1446.3	1452.4	1460.4	1469.2
18.5°	1453.9	1447.0	1440.5	1435.3	1433.1	1432.6	1434.3	1439.0	1445.9	1453.8	1462.7
19°	1447.8	1439.5	1432.9	1427.9	1426.0	1424.4	1426.1	1431.1	1437.8	1446.7	1455.5
19.5°	1440.2	1432.2	1425.5	1420.2	1418.0	1416.6	1418.7	1423.2	1430.3	1439.9	1449.2
20°	1433.6	1425.4	1418.1	1412.4	1409.3	1408.7	1411.3	1415.7	1423.2	1432.8	1443.3
20.5°	1426.7	1417.8	1410.5	1404.2	1400.7	1400.3	1402.9	1408.2	1415.7	1425.6	1436.5
21°	1419.1	1410.3	1402.5	1395.9	1392.1	1391.9	1394.4	1399.8	1408.0	1418.4	1429.0



TEST NUMBER: P563555

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
22.5°	1396.4	1386.1	1377.5	1370.9	1366.0	1365.3	1367.6	1373.3	1382.7	1395.1	1406.7
23°	1388.9	1377.9	1369.2	1361.9	1357.2	1357.0	1358.8	1365.0	1374.7	1386.9	1399.6
23.5°	1380.6	1369.1	1360.1	1352.8	1348.7	1347.0	1349.4	1355.8	1366.0	1378.3	1391.6
24°	1372.6	1360.9	1351.1	1342.9	1338.9	1337.3	1339.5	1347.0	1356.9	1369.7	1383.1
24.5°	1364.3	1352.4	1341.8	1333.4	1329.4	1327.3	1330.6	1338.5	1348.6	1361.3	1375.2
25°	1356.9	1343.7	1333.4	1324.5	1320.3	1317.8	1321.1	1329.1	1339.6	1352.8	1366.7
25.5°	1347.3	1334.5	1324.1	1314.9	1309.7	1308.0	1311.2	1318.9	1329.8	1343.7	1358.7
26°	1338.5	1325.2	1314.1	1305.3	1300.2	1298.0	1301.5	1309.2	1321.1	1335.2	1350.4
26.5°	1329.8	1316.2	1304.2	1295.3	1290.4	1287.9	1290.8	1299.4	1311.4	1326.2	1341.4
27°	1321.4	1307.5	1294.9	1284.9	1279.7	1278.2	1280.9	1289.2	1301.8	1316.6	1332.5
27.5°	1312.1	1297.2	1284.9	1274.4	1268.6	1268.0	1270.8	1278.9	1291.7	1307.8	1323.3
28°	1302.4	1287.7	1275.1	1264.2	1258.8	1257.1	1260.7	1269.7	1282.4	1298.1	1314.8
28.5°	1293.5	1278.6	1265.3	1254.6	1248.3	1246.3	1249.6	1259.0	1272.4	1288.2	1304.7
29°	1284.1	1268.3	1254.9	1243.6	1237.3	1236.3	1239.7	1247.9	1261.4	1278.1	1295.5
29.5°	1274.5	1258.1	1244.5	1233.0	1226.8	1224.8	1227.7	1237.5	1251.5	1268.8	1286.7
30°	1264.7	1247.9	1234.0	1222.3	1215.5	1213.8	1217.6	1227.1	1241.3	1259.1	1277.0
30.5°	1254.7	1238.1	1223.5	1211.5	1205.1	1202.7	1206.3	1216.1	1230.5	1248.5	1267.0
31°	1244.8	1227.7	1212.9	1200.7	1194.0	1191.6	1195.7	1205.5	1220.1	1238.2	1257.6
31.5°	1234.6	1217.3	1202.2	1189.6	1182.5	1180.0	1184.3	1194.7	1209.7	1228.3	1247.4
32°	1224.3	1207.1	1191.6	1178.1	1170.9	1168.5	1172.9	1183.3	1199.3	1218.0	1237.5
32.5°	1214.7	1196.6	1180.4	1166.5	1159.4	1157.0	1161.4	1171.8	1188.3	1207.7	1227.3
33°	1204.1	1185.5	1169.4	1154.9	1147.8	1145.5	1150.0	1160.4	1177.0	1197.3	1217.4
33.5°	1193.1	1174.4	1158.3	1143.3	1136.3	1133.9	1138.5	1148.9	1165.7	1186.5	1207.1
34°	1184.0	1163.4	1147.3	1132.4	1124.0	1122.2	1126.1	1137.4	1154.5	1175.6	1196.7
34.5°	1172.9	1152.5	1136.1	1121.4	1112.6	1110.0	1114.6	1126.3	1143.3	1164.6	1186.6
35°	1161.8	1141.3	1123.8	1109.6	1100.9	1098.0	1103.0	1114.9	1132.0	1153.7	1175.9
35.5°	1150.8	1130.2	1112.4	1098.0	1089.1	1086.3	1091.1	1103.4	1120.4	1142.7	1165.2
36°	1139.7	1119.1	1101.2	1085.6	1076.7	1074.1	1078.9	1090.5	1108.8	1131.7	1154.5
36.5°	1128.5	1107.6	1088.7	1073.6	1064.3	1062.2	1066.8	1079.1	1097.0	1119.8	1143.8
37°	1117.2	1095.5	1077.2	1062.0	1052.1	1049.5	1054.5	1067.4	1085.4	1108.2	1132.5
37.5°	1106.0	1083.9	1065.4	1050.0	1040.8	1037.4	1042.6	1055.0	1073.3	1096.6	1121.3
38°	1094.2	1072.1	1053.2	1037.2	1027.8	1025.7	1030.1	1043.2	1061.9	1085.2	1109.4
38.5°	1082.8	1060.7	1041.2	1025.4	1015.8	1012.6	1018.1	1031.0	1050.0	1073.7	1098.2
39°	1071.4	1049.1	1029.1	1013.1	1003.7	1000.7	1006.2	1019.1	1038.1	1062.1	1086.9
39.5°	1059.7	1037.5	1017.4	1000.8	991.6	988.2	993.2	1006.6	1025.9	1050.2	1075.7
40°	1048.4	1025.4	1005.3	988.9	978.8	975.9	981.3	994.5	1013.7	1038.4	1064.0
40.5°	1036.7	1013.4	993.2	976.4	966.3	963.5	968.2	981.7	1002.3	1026.5	1052.7
41°	1025.0	1001.3	980.9	963.7	954.0	951.0	956.6	970.0	989.7	1014.8	1040.8
41.5°	1013.0	989.5	968.9	951.9	941.6	938.8	943.7	957.7	977.8	1002.9	1029.1
42°	1000.9	977.2	956.3	939.5	928.8	926.1	931.7	945.0	965.5	990.6	1017.9
42.5°	989.5	965.5	944.1	927.1	916.5	913.8	919.0	932.9	953.7	978.3	1005.4
43°	977.7	953.0	932.1	914.7	903.7	901.6	907.0	920.7	941.4	966.7	993.8
43.5°	965.5	941.1	919.7	902.0	891.9	888.8	894.3	907.9	928.5	954.8	981.8



TEST NUMBER: P563555

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
45°	929.1	903.9	882.3	865.1	854.9	851.3	856.6	871.0	891.4	918.1	945.9
45.5°	917.0	891.9	870.6	852.6	842.3	839.2	844.7	858.8	879.3	905.8	933.6
46°	904.8	879.9	857.9	840.4	829.7	827.3	832.5	846.7	867.5	893.6	921.7
46.5°	892.4	867.5	845.7	828.1	817.5	814.8	820.1	834.6	855.4	881.3	909.2
47°	880.4	854.9	833.3	815.8	804.9	802.3	807.9	821.8	842.9	869.0	897.5
47.5°	867.8	842.7	821.3	803.5	792.8	790.4	795.6	809.6	830.5	856.8	885.1
48°	855.2	830.8	808.4	791.1	780.8	777.7	782.9	797.2	818.2	844.3	872.6
48.5°	843.0	818.3	796.6	779.2	768.8	765.6	771.3	785.0	805.8	832.2	860.0
49°	830.9	805.9	784.3	767.2	756.3	753.4	759.3	773.2	794.2	820.4	847.8
49.5°	819.2	793.6	772.4	755.1	744.1	741.9	747.1	761.1	781.5	807.9	835.9
50°	805.8	781.4	759.8	742.7	732.1	729.6	735.4	748.7	769.9	795.4	823.8
50.5°	794.1	769.1	747.1	730.5	720.5	717.8	722.7	736.4	757.4	783.0	811.3
51°	781.5	756.5	735.6	718.7	708.3	706.4	711.2	724.7	744.9	770.9	799.3
51.5°	769.0	744.5	723.7	707.0	696.4	694.2	699.5	713.2	733.2	758.9	786.7
52°	756.4	732.7	711.7	695.2	684.7	682.3	687.7	701.5	721.4	747.2	774.5
52.5°	744.2	720.5	699.7	683.2	673.3	671.2	675.9	689.6	709.6	735.0	762.2
53°	732.0	708.4	687.4	671.2	661.4	659.6	664.4	677.7	697.6	722.7	750.0
53.5°	719.8	696.3	675.4	659.6	649.7	647.7	653.2	665.8	685.8	710.7	738.3
54°	707.6	684.3	663.5	648.0	638.2	635.6	640.9	653.8	673.7	698.5	725.9
54.5°	695.4	671.9	651.7	636.2	626.6	624.7	629.9	642.4	662.0	686.4	713.2
55°	683.0	659.5	640.0	624.8	615.1	613.1	618.2	631.0	650.1	674.7	701.1
55.5°	671.2	647.9	628.3	613.1	604.3	602.1	607.2	619.4	638.4	662.7	688.6
56°	658.7	635.9	616.4	601.8	592.8	591.0	595.9	607.8	626.6	650.8	676.8
56.5°	646.3	623.7	605.1	590.5	581.2	579.4	584.7	596.7	615.3	638.8	664.4
57°	634.3	612.0	593.3	579.1	570.2	568.7	573.6	585.7	603.5	626.7	652.3
57.5°	621.7	600.4	582.1	567.6	559.0	557.3	562.0	574.0	592.1	614.8	640.0
58°	609.7	588.5	570.4	556.5	548.4	546.5	551.3	562.8	580.5	602.9	628.1
58.5°	597.5	577.0	559.1	545.3	537.3	535.8	540.4	551.7	569.3	591.4	616.4
59°	585.5	565.3	547.6	534.4	526.2	524.8	529.4	540.8	557.9	579.8	604.3
59.5°	573.6	553.4	536.6	523.2	515.2	513.9	519.1	529.8	546.8	568.1	592.2
60°	561.4	542.0	525.6	512.1	505.0	503.6	508.0	518.7	535.4	556.5	579.8
60.5°	549.6	530.4	514.2	501.3	494.1	492.7	497.2	507.8	524.4	545.0	567.7
61°	537.4	518.9	502.9	490.5	483.3	482.2	486.4	497.1	513.1	533.5	556.2
61.5°	525.6	507.5	492.1	480.3	473.5	471.8	476.3	486.5	502.3	522.0	543.9
62°	513.4	496.1	481.3	469.3	462.5	461.5	465.7	476.0	491.2	510.8	532.1
62.5°	502.0	484.8	470.2	458.7	452.0	451.3	455.3	465.3	480.3	499.5	520.4
63°	490.3	473.6	459.0	448.0	441.9	440.9	445.0	454.7	469.3	488.0	508.6
63.5°	478.7	462.3	448.2	437.6	431.8	430.8	434.9	444.2	458.6	477.0	497.2
64°	466.7	451.1	438.1	427.3	421.6	420.8	424.5	434.0	447.7	465.8	485.3
64.5°	455.2	440.0	427.2	416.9	411.3	410.8	414.6	423.5	437.1	454.5	473.8
65°	443.7	429.0	416.5	406.8	401.6	400.7	404.7	413.5	426.7	443.5	462.2
65.5°	432.1	418.1	406.4	396.8	391.5	390.8	394.8	403.3	416.4	432.5	450.7
66°	421.0	407.2	396.0	386.4	381.3	380.8	384.4	392.9	405.6	421.6	439.1



TEST NUMBER: P563555

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
67.5°	386.4	374.5	364.4	356.7	352.4	351.9	355.5	363.2	374.5	389.0	404.6
68°	375.2	364.0	354.3	346.8	343.0	342.7	346.0	353.5	364.1	378.3	393.7
68.5°	364.2	353.3	344.2	337.2	333.5	332.9	336.4	343.8	354.2	367.8	382.7
69°	353.1	342.7	334.2	327.6	324.0	323.8	326.9	334.1	344.2	357.1	371.6
69.5°	342.0	332.3	324.2	317.8	314.3	314.3	317.4	324.4	334.1	346.5	360.3
70°	331.2	322.0	314.4	308.2	305.2	305.4	308.3	314.8	324.1	335.9	349.1
70.5°	319.9	311.6	304.5	299.1	296.2	296.3	299.2	305.3	314.2	325.7	337.9
71°	309.2	301.4	294.9	289.8	287.1	287.2	290.0	296.0	304.6	315.3	327.4
71.5°	298.6	291.2	285.2	280.5	277.9	278.1	281.1	286.6	294.9	305.1	316.3
72°	287.9	281.3	275.7	271.3	269.1	269.6	272.2	277.5	285.3	295.1	305.8
72.5°	277.2	271.3	266.2	262.3	260.3	260.6	263.4	268.5	275.8	285.0	294.8
73°	266.8	261.5	256.8	253.2	251.4	251.9	254.4	259.4	266.1	275.0	284.8
73.5°	256.4	251.7	247.3	244.3	242.9	243.2	245.8	250.3	256.9	265.1	274.0
74°	245.9	241.9	238.4	235.7	234.2	235.1	237.2	241.6	247.7	255.4	263.5
74.5°	235.8	232.3	229.2	227.1	225.9	226.7	228.9	233.0	238.6	245.6	253.0
75°	225.8	223.0	220.4	218.4	217.5	218.3	220.4	224.2	229.5	236.0	243.2
75.5°	216.0	213.7	211.4	210.0	209.4	210.1	212.1	215.6	220.5	226.4	233.0
76°	205.9	204.4	203.0	201.6	201.0	201.9	203.8	207.3	211.9	217.1	223.0
76.5°	196.3	195.2	194.2	193.3	193.1	193.9	195.8	199.0	203.0	207.8	213.1
77°	186.8	186.3	186.0	185.3	185.2	186.1	187.9	190.7	194.4	198.6	203.4
77.5°	177.2	177.5	177.4	177.5	177.6	178.5	180.3	182.7	186.1	189.7	193.3
78°	168.1	169.1	169.4	169.7	170.2	171.1	172.6	174.9	177.9	180.9	184.0
78.5°	159.2	160.8	161.5	162.0	162.7	163.7	165.1	167.2	169.5	172.2	174.6
79°	150.2	152.3	153.6	154.6	155.4	156.5	157.8	159.7	161.6	163.6	165.6
79.5°	141.8	144.4	146.1	147.4	148.3	149.4	150.9	152.3	153.8	155.3	156.2
80°	133.5	137.0	139.2	140.6	141.8	142.7	143.8	144.9	146.4	147.1	147.6
80.5°	125.2	129.5	132.2	134.0	135.4	136.3	137.3	138.1	139.4	139.3	139.4
81°	116.9	122.0	125.2	127.4	128.9	129.9	130.8	131.6	132.3	131.9	131.2
81.5°	109.1	114.4	118.1	120.8	122.5	123.5	124.4	125.1	125.3	124.4	123.0
82°	101.9	107.2	111.2	114.2	116.0	117.1	117.9	118.5	118.2	116.9	114.7
82.5°	94.5	100.6	104.8	107.9	109.9	111.2	111.9	112.0	111.2	109.6	106.7
83°	87.4	93.8	98.5	101.8	104.0	105.3	105.9	105.8	104.7	102.6	99.3
83.5°	80.6	87.4	92.4	95.9	98.1	99.4	100.1	99.8	98.5	95.9	92.0
84°	74.1	81.2	86.5	90.2	92.6	94.0	94.5	94.0	92.3	89.3	85.0
84.5°	67.9	75.5	80.9	84.7	87.2	88.5	89.0	88.4	86.5	83.1	78.1
85°	62.1	69.8	75.4	79.5	82.1	83.4	83.7	82.9	80.7	77.1	71.8
85.5°	56.6	64.4	70.2	74.4	77.0	78.2	78.5	77.7	75.2	71.3	65.7
86°	51.3	59.1	65.2	69.5	72.2	73.5	73.8	72.7	69.9	65.7	59.9
86.5°	46.3	54.4	60.5	64.8	67.5	68.9	69.0	67.8	65.1	60.5	54.2
87°	41.8	49.9	56.0	60.4	63.2	64.5	64.6	63.2	60.3	55.6	49.1
87.5°	37.5	45.5	51.8	56.3	59.0	60.4	60.3	58.9	55.8	50.9	44.2
88°	33.7	41.6	47.8	52.3	55.1	56.3	56.3	54.7	51.5	46.6	39.7
88.5°	30.1	38.0	44.1	48.6	51.3	52.5	52.4	50.8	47.5	42.5	35.7



TEST NUMBER: P563555

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
90°	21.5	28.6	34.4	38.7	41.4	42.5	42.3	40.4	36.9	31.9	25.2
90.5°	19.3	26.0	31.7	35.8	38.5	39.6	39.2	37.5	34.0	29.0	22.4
91°	17.3	23.8	29.2	33.3	35.8	36.9	36.5	34.7	31.3	26.3	20.0
91.5°	15.7	21.8	26.9	30.9	33.4	34.3	34.0	32.2	28.8	24.0	17.9
92°	14.7	20.0	24.9	28.7	31.1	32.1	31.7	29.8	26.6	21.9	16.1
92.5°	13.8	18.5	23.1	26.7	29.1	29.9	29.5	27.7	24.5	20.1	15.0
93°	12.8	17.2	21.6	25.0	27.2	28.0	27.6	25.9	22.7	18.5	13.9
93.5°	11.9	16.1	20.3	23.5	25.6	26.3	25.9	24.2	21.2	17.1	12.9
94°	10.9	15.2	19.1	22.1	24.1	24.9	24.4	22.7	19.9	16.0	11.8
94.5°	10.4	14.5	18.2	21.0	22.9	23.5	23.1	21.4	18.7	15.0	10.8
95°	10.0	13.9	17.3	20.0	21.7	22.3	21.9	20.3	17.7	14.2	10.2
95.5°	9.6	13.3	16.6	19.1	20.7	21.3	20.8	19.3	16.8	13.5	9.8
96°	9.3	12.9	15.9	18.3	19.8	20.3	19.9	18.5	16.0	12.9	9.5
96.5°	9.0	12.5	15.3	17.6	19.0	19.5	19.1	17.7	15.4	12.5	9.1
97°	8.8	12.1	14.8	16.9	18.3	18.8	18.4	17.1	14.9	12.0	8.7
97.5°	8.7	11.8	14.3	16.4	17.6	18.1	17.8	16.6	14.5	11.5	8.3
98°	8.5	11.4	13.9	15.9	17.1	17.5	17.2	16.1	14.0	11.1	8.0
98.5°	8.4	11.1	13.5	15.4	16.6	17.1	16.7	15.6	13.6	10.6	7.7
99°	8.3	10.9	13.2	15.0	16.1	16.6	16.2	15.1	13.1	10.3	7.5
99.5°	8.2	10.7	12.9	14.6	15.7	16.1	15.7	14.6	12.7	9.9	7.4
100°	8.1	10.6	12.6	14.3	15.3	15.6	15.3	14.1	12.3	9.7	7.3
100.5°	8.0	10.4	12.4	14.0	14.9	15.3	14.9	13.7	12.0	9.5	7.3
101°	7.8	10.3	12.2	13.7	14.6	14.9	14.5	13.3	11.6	9.4	7.2
101.5°	7.7	10.1	12.0	13.4	14.3	14.6	14.1	13.0	11.2	9.3	7.1
102°	7.6	10.0	11.8	13.2	14.0	14.3	13.8	12.7	11.1	9.2	7.0
102.5°	7.4	9.9	11.6	13.0	13.7	14.0	13.5	12.6	11.0	9.1	6.8
103°	7.3	9.7	11.4	12.8	13.5	13.8	13.4	12.4	10.8	9.0	6.7
103.5°	7.1	9.6	11.3	12.6	13.3	13.6	13.2	12.3	10.7	8.9	6.5
104°	7.0	9.4	11.1	12.4	13.1	13.4	13.0	12.1	10.6	8.7	6.3
104.5°	6.8	9.2	10.9	12.2	12.9	13.2	12.8	11.9	10.5	8.6	6.1
105°	6.7	9.0	10.8	12.0	12.7	13.0	12.7	11.8	10.3	8.4	5.9
105.5°	6.5	8.8	10.6	11.8	12.6	12.9	12.6	11.6	10.2	8.2	5.8
106°	6.4	8.6	10.4	11.6	12.4	12.7	12.4	11.5	10.0	8.0	5.6
106.5°	6.2	8.4	10.2	11.4	12.2	12.5	12.2	11.3	9.8	7.8	5.4
107°	6.1	8.3	9.9	11.2	11.9	12.3	12.0	11.1	9.6	7.6	5.3
107.5°	5.9	8.1	9.7	11.0	11.7	12.1	11.8	10.9	9.4	7.4	5.1
108°	5.8	7.9	9.5	10.8	11.5	11.9	11.6	10.7	9.1	7.2	5.0
108.5°	5.6	7.8	9.3	10.6	11.3	11.6	11.4	10.4	8.9	7.0	4.9
109°	5.5	7.6	9.2	10.3	11.1	11.4	11.2	10.2	8.6	6.8	4.8
109.5°	5.3	7.4	9.0	10.1	10.8	11.2	10.9	9.9	8.4	6.6	4.6
110°	5.2	7.2	8.7	9.8	10.6	10.9	10.6	9.7	8.2	6.4	4.5
110.5°	5.0	7.0	8.5	9.6	10.3	10.6	10.4	9.4	8.0	6.3	4.4
111°	4.8	6.9	8.4	9.4	10.1	10.4	10.1	9.2	7.8	6.1	4.2



TEST NUMBER: P563555

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
112.5°	4.3	6.3	7.8	8.8	9.4	9.6	9.4	8.5	7.2	5.7	3.8
113°	4.2	6.1	7.6	8.6	9.2	9.4	9.2	8.3	7.0	5.6	3.7
113.5°	4.0	5.9	7.5	8.4	9.0	9.2	9.0	8.1	6.8	5.4	3.6
114°	3.9	5.7	7.3	8.2	8.8	9.0	8.8	7.9	6.6	5.3	3.5
114.5°	3.7	5.5	7.1	8.0	8.6	8.8	8.6	7.7	6.5	5.2	3.4
115°	3.6	5.3	6.9	7.9	8.4	8.6	8.3	7.5	6.3	5.0	3.3
115.5°	3.6	5.1	6.7	7.7	8.2	8.3	8.1	7.3	6.1	4.8	3.2
116°	3.5	4.9	6.5	7.5	8.0	8.1	7.9	7.1	5.9	4.6	3.1
116.5°	3.4	4.7	6.3	7.3	7.9	7.9	7.7	6.9	5.8	4.5	3.1
117°	3.4	4.6	6.1	7.1	7.7	7.7	7.5	6.7	5.6	4.3	3.0
117.5°	3.3	4.4	5.8	6.9	7.5	7.6	7.3	6.5	5.4	4.2	3.0
118°	3.3	4.3	5.6	6.7	7.3	7.4	7.1	6.3	5.2	4.0	2.9
118.5°	3.2	4.1	5.4	6.5	7.1	7.2	6.9	6.2	5.0	3.9	2.8
119°	3.1	4.0	5.2	6.3	6.9	7.0	6.7	6.0	4.8	3.8	2.7
119.5°	3.0	3.9	5.0	6.0	6.7	6.8	6.5	5.7	4.6	3.7	2.5
120°	2.9	3.8	4.8	5.8	6.5	6.6	6.3	5.5	4.4	3.6	2.4
120.5°	2.8	3.7	4.6	5.6	6.2	6.4	6.1	5.3	4.3	3.5	2.4
121°	2.6	3.6	4.5	5.3	5.9	6.1	5.8	5.1	4.1	3.4	2.3
121.5°	2.6	3.5	4.3	5.1	5.7	5.8	5.6	4.9	4.0	3.3	2.3
122°	2.6	3.5	4.2	4.9	5.5	5.6	5.4	4.7	3.9	3.2	2.3
122.5°	2.6	3.5	4.1	4.8	5.3	5.4	5.2	4.6	3.8	3.1	2.3
123°	2.7	3.4	4.0	4.6	5.1	5.2	5.0	4.4	3.7	3.0	2.4
123.5°	2.7	3.2	3.9	4.5	4.9	5.0	4.8	4.3	3.6	2.8	2.4
124°	2.8	3.1	3.8	4.4	4.7	4.9	4.7	4.2	3.5	2.6	2.5
124.5°	2.8	3.0	3.7	4.3	4.6	4.7	4.5	4.1	3.4	2.5	2.5
125°	2.9	2.8	3.6	4.2	4.5	4.6	4.4	4.0	3.3	2.4	2.6
125.5°	2.9	2.6	3.5	4.0	4.3	4.4	4.3	3.9	3.2	2.3	2.6
126°	3.0	2.5	3.4	3.9	4.2	4.3	4.2	3.8	3.1	2.2	2.6
126.5°	3.1	2.5	3.3	3.8	4.1	4.2	4.1	3.7	2.9	2.2	2.7
127°	3.1	2.6	3.1	3.7	4.0	4.1	4.0	3.6	2.8	2.2	2.7
127.5°	3.2	2.6	3.0	3.6	3.9	4.0	3.9	3.5	2.6	2.2	2.7
128°	3.2	2.7	2.8	3.5	3.8	3.9	3.8	3.4	2.5	2.3	2.7
128.5°	3.3	2.7	2.7	3.4	3.7	3.8	3.7	3.2	2.4	2.3	2.7
129°	3.3	2.8	2.5	3.2	3.6	3.7	3.6	3.0	2.3	2.3	2.7
129.5°	3.4	2.8	2.5	3.1	3.5	3.6	3.4	2.9	2.3	2.4	2.8
130°	3.4	2.9	2.5	2.9	3.3	3.4	3.2	2.7	2.3	2.4	2.8
130.5°	3.4	2.9	2.6	2.7	3.1	3.2	3.1	2.6	2.3	2.5	2.8
131°	3.4	2.9	2.6	2.6	3.0	3.1	2.9	2.5	2.4	2.5	2.8
131.5°	3.5	3.0	2.7	2.5	2.8	2.9	2.8	2.4	2.4	2.6	2.8
132°	3.5	3.0	2.7	2.5	2.7	2.8	2.6	2.4	2.5	2.6	2.9
132.5°	3.6	3.1	2.8	2.6	2.5	2.6	2.5	2.5	2.5	2.7	2.9
133°	3.6	3.1	2.8	2.6	2.5	2.5	2.5	2.5	2.6	2.7	3.0
133.5°	3.7	3.2	2.8	2.6	2.5	2.4	2.5	2.5	2.6	2.8	3.1



TEST NUMBER: P563555

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P563555

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P563555

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
180°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7



TEST NUMBER: P563555

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
0°	1586.7	1586.7	1586.7	1586.7
0.5°	1586.4	1586.4	1586.4	1586.3
1°	1586.1	1586.1	1586.1	1586.2
1.5°	1585.8	1585.9	1585.9	1586.2
2°	1584.4	1585.1	1585.7	1585.9
2.5°	1583.1	1583.4	1584.8	1585.3
3°	1581.9	1582.9	1584.1	1584.2
3.5°	1581.2	1582.6	1583.0	1583.2
4°	1580.1	1581.8	1581.8	1582.5
4.5°	1577.9	1579.7	1580.1	1580.8
5°	1576.6	1577.8	1579.1	1579.8
5.5°	1575.5	1576.0	1577.6	1578.7
6°	1572.9	1575.0	1575.8	1577.5
6.5°	1570.5	1571.9	1574.0	1575.8
7°	1569.3	1569.8	1572.7	1574.2
7.5°	1566.4	1568.3	1569.3	1572.0
8°	1563.3	1565.5	1568.1	1570.4
8.5°	1560.1	1562.6	1565.8	1567.4
9°	1557.6	1559.8	1562.8	1565.7
9.5°	1554.5	1557.0	1559.9	1562.9
10°	1550.8	1553.3	1557.3	1559.7
10.5°	1547.7	1550.9	1553.6	1556.8
11°	1544.0	1548.1	1551.4	1553.6
11.5°	1540.2	1544.4	1548.4	1550.2
12°	1536.6	1540.7	1545.2	1547.0
12.5°	1532.2	1536.7	1541.3	1543.9
13°	1527.8	1532.5	1537.5	1540.3
13.5°	1523.6	1528.4	1533.9	1536.2
14°	1519.1	1524.3	1529.4	1532.3
14.5°	1514.3	1520.6	1525.1	1528.5
15°	1509.4	1515.6	1520.7	1524.0
15.5°	1504.1	1510.5	1516.2	1520.0
16°	1498.8	1505.7	1512.1	1515.1
16.5°	1493.4	1500.4	1507.7	1509.6
17°	1488.3	1495.3	1502.2	1504.6
17.5°	1482.7	1490.1	1496.4	1500.4
18°	1477.2	1485.0	1491.2	1495.8
18.5°	1471.5	1479.6	1486.1	1490.0
19°	1465.2	1473.8	1480.6	1484.4
19.5°	1458.2	1467.9	1475.0	1478.9
20°	1452.0	1461.7	1468.8	1473.3
20.5°	1445.9	1455.1	1463.0	1467.7
21°	1439.8	1448.5	1456.5	1462.1



TEST NUMBER: P563555

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
22.5°	1418.1	1428.8	1437.9	1442.6
23°	1410.8	1421.9	1430.9	1436.9
23.5°	1403.5	1414.6	1423.8	1429.6
24°	1395.9	1407.6	1416.9	1422.8
24.5°	1388.0	1400.2	1410.0	1416.3
25°	1380.4	1392.5	1402.9	1409.3
25.5°	1371.9	1385.2	1395.1	1401.7
26°	1364.6	1377.3	1387.7	1394.4
26.5°	1356.2	1369.3	1380.0	1386.6
27°	1347.8	1361.4	1371.9	1378.9
27.5°	1339.0	1353.8	1364.0	1371.4
28°	1330.5	1344.8	1356.2	1363.1
28.5°	1321.6	1336.4	1347.9	1355.0
29°	1312.1	1327.7	1339.6	1347.6
29.5°	1303.9	1318.7	1330.9	1339.3
30°	1294.8	1310.4	1322.3	1330.5
30.5°	1285.1	1301.1	1313.8	1322.1
31°	1275.3	1292.4	1305.0	1313.6
31.5°	1266.3	1282.5	1295.8	1304.7
32°	1256.4	1273.3	1286.5	1295.1
32.5°	1246.8	1263.8	1277.3	1286.0
33°	1237.3	1254.7	1267.9	1277.2
33.5°	1227.7	1245.6	1258.4	1267.7
34°	1217.1	1235.5	1248.8	1257.9
34.5°	1207.2	1225.2	1238.8	1247.9
35°	1197.2	1215.6	1229.4	1238.7
35.5°	1186.6	1205.3	1219.4	1229.1
36°	1176.1	1195.3	1209.2	1219.1
36.5°	1165.6	1184.8	1200.0	1208.8
37°	1155.1	1174.3	1189.9	1198.8
37.5°	1144.7	1163.9	1179.9	1189.1
38°	1133.8	1153.5	1168.8	1179.4
38.5°	1121.9	1143.0	1157.7	1168.4
39°	1110.6	1132.0	1146.6	1157.0
39.5°	1099.5	1120.8	1135.8	1145.9
40°	1088.5	1109.9	1125.5	1135.0
40.5°	1077.4	1099.0	1114.9	1124.8
41°	1065.8	1087.6	1103.5	1113.9
41.5°	1054.5	1075.9	1092.6	1102.6
42°	1042.5	1064.7	1081.4	1091.7
42.5°	1030.9	1053.4	1069.8	1080.8
43°	1019.3	1041.7	1058.3	1069.3
43.5°	1007.6	1030.0	1047.1	1057.4



TEST NUMBER: P563555

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
45°	971.8	995.4	1012.3	1022.7
45.5°	960.2	983.3	1000.1	1011.4
46°	948.0	971.5	988.3	999.2
46.5°	936.0	959.6	976.3	986.7
47°	924.4	947.6	964.5	974.7
47.5°	911.9	935.6	952.5	963.1
48°	899.9	922.9	940.1	951.4
48.5°	887.3	911.1	928.2	938.9
49°	875.3	899.0	916.2	927.2
49.5°	863.3	886.4	903.7	914.8
50°	850.6	874.1	891.2	902.5
50.5°	838.4	862.0	878.8	889.8
51°	826.6	849.3	866.7	877.6
51.5°	814.2	837.3	854.6	865.1
52°	801.5	824.7	841.6	853.0
52.5°	789.1	812.2	829.4	840.1
53°	776.7	799.8	816.6	827.6
53.5°	764.6	787.2	804.2	815.1
54°	752.3	774.7	791.6	802.5
54.5°	740.0	762.3	779.0	789.7
55°	727.9	749.9	766.4	776.7
55.5°	714.6	737.6	753.6	764.4
56°	702.3	724.2	740.7	751.4
56.5°	690.2	712.2	728.5	738.8
57°	678.1	699.6	715.7	726.5
57.5°	665.3	687.1	703.1	713.3
58°	653.0	673.9	690.0	700.3
58.5°	640.5	661.5	677.3	687.8
59°	628.7	648.8	664.6	674.8
59.5°	615.9	636.2	652.0	662.0
60°	603.6	623.5	639.3	648.9
60.5°	591.0	611.1	626.3	636.1
61°	579.1	598.6	613.3	623.3
61.5°	566.6	585.9	600.5	610.5
62°	554.3	573.4	587.8	597.5
62.5°	542.1	561.1	574.9	584.7
63°	530.2	548.3	562.1	571.8
63.5°	517.8	535.7	549.5	559.0
64°	505.3	523.3	536.5	545.9
64.5°	493.3	510.7	524.1	532.7
65°	481.6	498.0	511.3	519.7
65.5°	469.1	485.8	498.3	506.4
66°	457.6	473.6	485.6	493.3



TEST NUMBER: P563555

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
67.5°	421.6	436.4	447.8	454.9
68°	409.6	423.7	434.9	442.3
68.5°	397.6	411.6	422.0	429.3
69°	386.3	399.1	409.7	416.5
69.5°	374.5	386.9	397.0	403.8
70°	362.6	374.9	384.6	390.9
70.5°	351.0	362.7	372.0	378.2
71°	339.5	350.5	359.7	365.7
71.5°	328.0	338.4	347.1	353.0
72°	316.5	326.5	334.6	340.7
72.5°	305.0	314.8	322.1	328.2
73°	293.8	302.6	310.0	315.4
73.5°	282.9	291.1	297.8	302.6
74°	271.7	279.2	285.7	290.6
74.5°	260.5	267.5	273.6	278.3
75°	249.6	255.7	261.3	266.1
75.5°	238.8	244.5	249.3	253.7
76°	228.3	232.9	238.0	241.7
76.5°	217.6	221.9	225.9	229.8
77°	207.2	210.6	214.4	218.0
77.5°	196.6	199.8	202.8	206.0
78°	186.5	188.6	191.6	194.6
78.5°	176.6	178.1	180.0	182.9
79°	166.7	167.6	169.0	171.5
79.5°	157.1	157.4	158.5	160.3
80°	148.0	147.6	148.2	149.7
80.5°	139.0	137.9	137.9	138.7
81°	129.9	128.1	127.6	128.1
81.5°	120.9	118.3	117.3	117.7
82°	111.9	108.6	107.1	107.5
82.5°	103.4	99.7	97.4	97.1
83°	95.0	90.9	88.3	87.9
83.5°	87.1	82.3	79.1	78.7
84°	79.4	73.9	70.4	69.9
84.5°	72.3	66.2	62.0	61.2
85°	65.2	58.7	54.3	53.2
85.5°	58.8	51.6	46.7	46.2
86°	52.6	45.0	39.7	39.3
86.5°	46.7	38.9	33.0	32.4
87°	41.2	33.1	27.0	25.5
87.5°	36.3	27.9	22.8	19.6
88°	31.7	23.3	18.5	14.2
88.5°	27.5	20.3	14.3	9.5



TEST NUMBER: P563555

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
90°	17.6	11.0	4.1	3.0
90.5°	15.9	8.1	2.8	1.7
91°	14.2	6.6	2.0	0.3
91.5°	12.4	5.5	1.6	0.3
92°	10.7	4.8	1.4	0.2
92.5°	9.0	4.3	1.2	0.2
93°	8.2	4.0	1.1	0.1
93.5°	7.6	3.7	1.1	0.2
94°	7.1	3.4	1.0	0.2
94.5°	6.8	3.2	1.0	0.3
95°	6.4	3.1	1.0	0.4
95.5°	6.1	3.1	1.0	0.4
96°	5.7	3.1	1.0	0.5
96.5°	5.5	3.0	0.9	0.5
97°	5.3	3.0	0.9	0.6
97.5°	5.3	2.9	0.9	0.7
98°	5.2	2.7	0.9	0.7
98.5°	5.2	2.6	0.9	0.7
99°	5.2	2.6	0.9	0.8
99.5°	5.1	2.5	0.9	0.9
100°	5.0	2.5	1.0	1.0
100.5°	4.9	2.4	1.1	1.1
101°	4.7	2.4	1.2	1.2
101.5°	4.5	2.4	1.2	1.3
102°	4.4	2.4	1.3	1.4
102.5°	4.2	2.3	1.3	1.5
103°	4.1	2.2	1.4	1.5
103.5°	4.0	2.1	1.5	1.6
104°	3.9	2.0	1.5	1.6
104.5°	3.8	2.0	1.6	1.7
105°	3.7	1.9	1.6	1.7
105.5°	3.6	1.9	1.7	1.7
106°	3.5	1.8	1.8	1.6
106.5°	3.4	1.8	2.1	1.6
107°	3.3	1.7	2.2	1.6
107.5°	3.2	1.6	2.1	1.6
108°	3.1	1.6	2.1	1.7
108.5°	2.9	1.6	2.1	1.7
109°	2.8	1.6	2.0	1.7
109.5°	2.7	1.6	2.0	1.7
110°	2.6	1.6	1.9	1.7
110.5°	2.5	1.7	1.9	1.7
111°	2.4	1.7	2.0	1.7



TEST NUMBER: P563555

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
112.5°	2.3	1.8	2.0	1.7
113°	2.3	1.8	2.0	1.8
113.5°	2.2	1.9	2.0	1.8
114°	2.0	1.9	2.1	1.8
114.5°	2.0	2.0	2.1	1.8
115°	2.0	2.0	2.1	1.9
115.5°	1.9	2.1	2.1	1.9
116°	1.9	2.1	2.1	1.9
116.5°	2.0	2.1	2.1	1.9
117°	2.0	2.2	2.1	1.9
117.5°	2.1	2.4	2.1	1.9
118°	2.1	2.5	2.1	1.9
118.5°	2.2	2.6	2.1	1.9
119°	2.2	2.7	2.2	1.9
119.5°	2.3	2.7	2.2	1.9
120°	2.3	2.6	2.2	2.0
120.5°	2.3	2.6	2.3	2.0
121°	2.4	2.6	2.3	2.0
121.5°	2.4	2.6	2.3	2.0
122°	2.4	2.6	2.3	2.0
122.5°	2.4	2.6	2.3	2.1
123°	2.4	2.5	2.3	2.1
123.5°	2.5	2.5	2.3	2.1
124°	2.5	2.4	2.3	2.1
124.5°	2.6	2.4	2.4	2.1
125°	2.7	2.5	2.4	2.2
125.5°	2.8	2.6	2.4	2.2
126°	2.9	2.7	2.5	2.2
126.5°	3.1	2.8	2.5	2.2
127°	3.2	2.8	2.5	2.2
127.5°	3.3	2.8	2.5	2.3
128°	3.3	2.9	2.5	2.3
128.5°	3.3	2.9	2.6	2.3
129°	3.3	2.9	2.6	2.3
129.5°	3.3	2.9	2.6	2.3
130°	3.3	2.9	2.7	2.3
130.5°	3.2	2.8	2.6	2.4
131°	3.2	2.8	2.4	2.4
131.5°	3.1	2.8	2.4	2.4
132°	3.0	2.8	2.4	2.4
132.5°	3.0	2.9	2.5	2.4
133°	2.9	2.8	2.7	2.4
133.5°	2.9	2.8	2.7	2.4



TEST NUMBER: P563555

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P563555

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
157.5°	3.4	2.6	1.8	1.6
158°	3.4	2.6	1.8	1.6
158.5°	3.4	2.6	1.8	1.7
159°	3.4	2.5	1.8	1.7
159.5°	3.4	2.5	1.8	1.7
160°	3.4	2.5	1.8	1.7
160.5°	3.4	2.5	1.8	1.7
161°	3.4	2.5	1.8	1.7
161.5°	3.5	2.5	1.8	1.7
162°	3.5	2.5	1.7	1.7
162.5°	3.4	2.4	1.7	1.7
163°	3.4	2.3	1.7	1.7
163.5°	3.5	2.2	1.7	1.7
164°	3.5	2.2	1.7	1.7
164.5°	3.1	2.2	1.7	1.7
165°	2.9	2.1	1.7	1.7
165.5°	3.2	2.0	1.7	1.8
166°	3.2	1.9	1.7	1.8
166.5°	2.8	1.8	1.7	1.8
167°	2.6	1.9	1.7	1.8
167.5°	3.0	2.1	1.8	1.8
168°	3.2	2.3	1.8	1.8
168.5°	3.0	2.3	1.9	1.8
169°	3.0	2.4	1.9	1.9
169.5°	3.1	2.5	2.0	1.9
170°	2.9	2.5	2.3	2.0
170.5°	3.0	2.5	2.4	2.2
171°	3.2	2.8	2.4	2.5
171.5°	3.2	2.9	2.6	2.5
172°	3.1	2.9	2.8	2.5
172.5°	3.1	2.9	2.8	2.7
173°	3.1	2.9	2.8	2.7
173.5°	3.1	3.0	2.8	2.7
174°	3.0	3.0	2.9	2.8
174.5°	3.0	3.0	2.9	2.8
175°	3.0	3.0	3.0	2.9
175.5°	3.0	3.0	3.0	3.0
176°	3.0	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	3.0



TEST NUMBER: P563555

CATALOG NUMBER: 4NWS3C3MS-NUV-MED-3500K

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
180°	2.7	2.7	2.7	2.7



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	1456.0	1459.4	1459.1	1456.4	1451.1	1444.8	1438.1	1432.5	1427.7	1425.3	1424.4
22°	1449.1	1452.9	1452.8	1449.7	1444.4	1437.9	1430.5	1424.7	1420.4	1417.2	1416.5



44°	1045.9	1049.8	1044.9	1033.8	1015.9	993.9	971.5	952.2	938.1	931.1	932.1
44.5°	1034.4	1037.6	1033.5	1021.8	1003.9	981.4	959.4	939.9	925.8	918.9	918.9



66.5°	480.4	484.9	483.7	476.9	466.0	450.9	437.0	424.7	415.8	410.6	409.2
67°	467.5	471.6	471.2	465.0	454.1	439.9	426.7	414.5	405.6	400.7	399.7



89°	5.9	11.5	22.1	34.1	45.4	53.2	59.4	63.1	64.5	63.9	61.6
89.5°	4.4	8.1	18.1	29.7	40.8	49.2	55.5	58.7	60.1	59.7	57.4



111.5°	1.7	1.7	1.4	1.3	1.7	2.6	3.8	4.9	5.7	6.0	5.8
112°	1.7	1.7	1.5	1.3	1.7	2.5	3.6	4.7	5.5	5.7	5.5



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



156.5°	1.7	2.6	3.0	3.0	3.0	3.0	3.1	3.5	3.7	3.8	3.8
157°	1.6	2.6	3.0	3.0	3.0	3.0	3.1	3.4	3.6	3.7	3.7



179°	2.9	2.9	2.7	2.5	2.4	2.3	2.4	2.6	2.8	3.0	2.9
179.5°	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.8	2.8





21.5°	1425.8	1429.5	1432.9	1437.1	1441.0	1442.8	1442.9	1441.0	1436.6	1429.9	1421.3
22°	1417.9	1421.3	1425.7	1430.3	1434.6	1436.1	1436.4	1434.6	1429.6	1422.8	1414.0



44°	938.9	952.9	970.9	987.9	1003.0	1013.9	1018.2	1016.4	1009.0	995.4	975.5
44.5°	926.8	941.0	958.7	975.3	991.0	1001.9	1005.6	1004.8	997.5	983.4	963.2



66.5°	412.2	418.5	427.1	435.8	443.4	448.6	447.4	446.6	441.1	433.2	421.8
67°	402.4	408.1	416.2	424.2	431.1	435.2	435.0	433.8	428.5	420.8	410.0



89°	57.5	51.6	44.3	33.8	22.7	12.1	4.9	0.8	4.0	11.3	18.5
89.5°	53.7	48.0	40.1	30.1	19.5	9.7	3.8	0.7	3.0	8.4	16.7



111.5°	5.0	4.0	2.9	2.2	2.2	2.7	3.3	3.0	3.4	2.6	2.9
112°	4.8	3.8	2.8	2.1	2.2	2.8	3.3	3.0	3.5	2.6	2.9



134°	3.2	3.6	4.2	5.1	5.2	4.1	3.6	3.3	4.2	4.4	4.0
134.5°	3.2	3.7	4.3	5.2	5.1	4.1	3.6	3.4	4.2	4.4	4.0



156.5°	3.7	3.5	3.4	3.6	3.5	3.3	3.2	2.8	2.9	3.3	3.7
157°	3.7	3.5	3.4	3.6	3.5	3.3	3.0	2.8	2.9	3.3	3.7



179°	2.8	2.6	2.5	2.5	2.6	2.6	2.7	2.7	2.8	2.8	2.9
179.5°	2.7	2.7	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.6





21.5°	1412.1	1402.1	1394.0	1387.2	1383.8	1383.0	1385.0	1391.1	1399.7	1410.7	1421.9
22°	1404.6	1393.8	1385.1	1379.1	1375.5	1373.9	1376.7	1382.0	1391.3	1402.4	1414.2



44°	953.3	928.8	907.0	889.6	879.1	876.3	881.8	895.5	916.5	941.9	970.1
44.5°	941.5	916.1	894.6	877.4	866.4	863.5	869.3	883.4	904.3	929.9	957.5



66.5°	409.2	396.1	384.9	376.4	371.6	371.1	374.8	383.0	395.1	410.6	427.8
67°	397.6	385.2	374.7	366.8	362.2	361.7	364.9	373.3	384.8	399.6	416.4



89°	26.9	34.5	40.6	45.0	47.8	49.0	48.8	47.0	43.7	38.6	31.8
89.5°	24.0	31.4	37.3	41.7	44.5	45.7	45.4	43.6	40.2	35.0	28.3



111.5°	4.7	6.7	8.2	9.2	9.8	10.1	9.9	9.0	7.6	6.0	4.1
112°	4.5	6.5	8.0	9.0	9.6	9.9	9.6	8.7	7.4	5.9	4.0



134°	3.8	3.3	2.9	2.7	2.5	2.5	2.5	2.6	2.7	2.9	3.2
134.5°	3.9	3.3	2.9	2.7	2.6	2.5	2.6	2.6	2.7	2.9	3.3



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



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





21.5°	1432.6	1442.5	1450.2	1456.0
22°	1425.1	1436.3	1444.4	1449.1



44°	995.9	1018.8	1035.1	1045.9
44.5°	984.7	1006.7	1023.8	1034.4



66.5°	445.3	461.1	473.0	480.4
67°	433.3	448.7	460.6	467.5



89°	23.8	17.2	10.0	5.9
89.5°	20.5	14.1	6.0	4.4



111.5°	2.4	1.7	2.0	1.7
112°	2.3	1.8	2.0	1.7



134°	2.9	2.8	2.7	2.5
134.5°	2.9	2.8	2.6	2.5



156.5°	3.3	2.6	1.9	1.7
157°	3.3	2.6	1.9	1.6



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



(END OF REPORT)