

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: NEO-RAY

Report Number: P333732-935

Luminaire Tested: **S125RDIW-S1270D1340U935-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333732-935
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-7,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S125RDIW-S1270D1340U935-4F0-1E-UDD-A
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 1270 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 1340 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8857.0 lumens
Efficiency: N/A
Efficacy: 116.2 lumens/watt
Spacing Criteria (0/90/45): 1.4 / 1.22 / 1.47
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')
CIE Type: General Diffuse

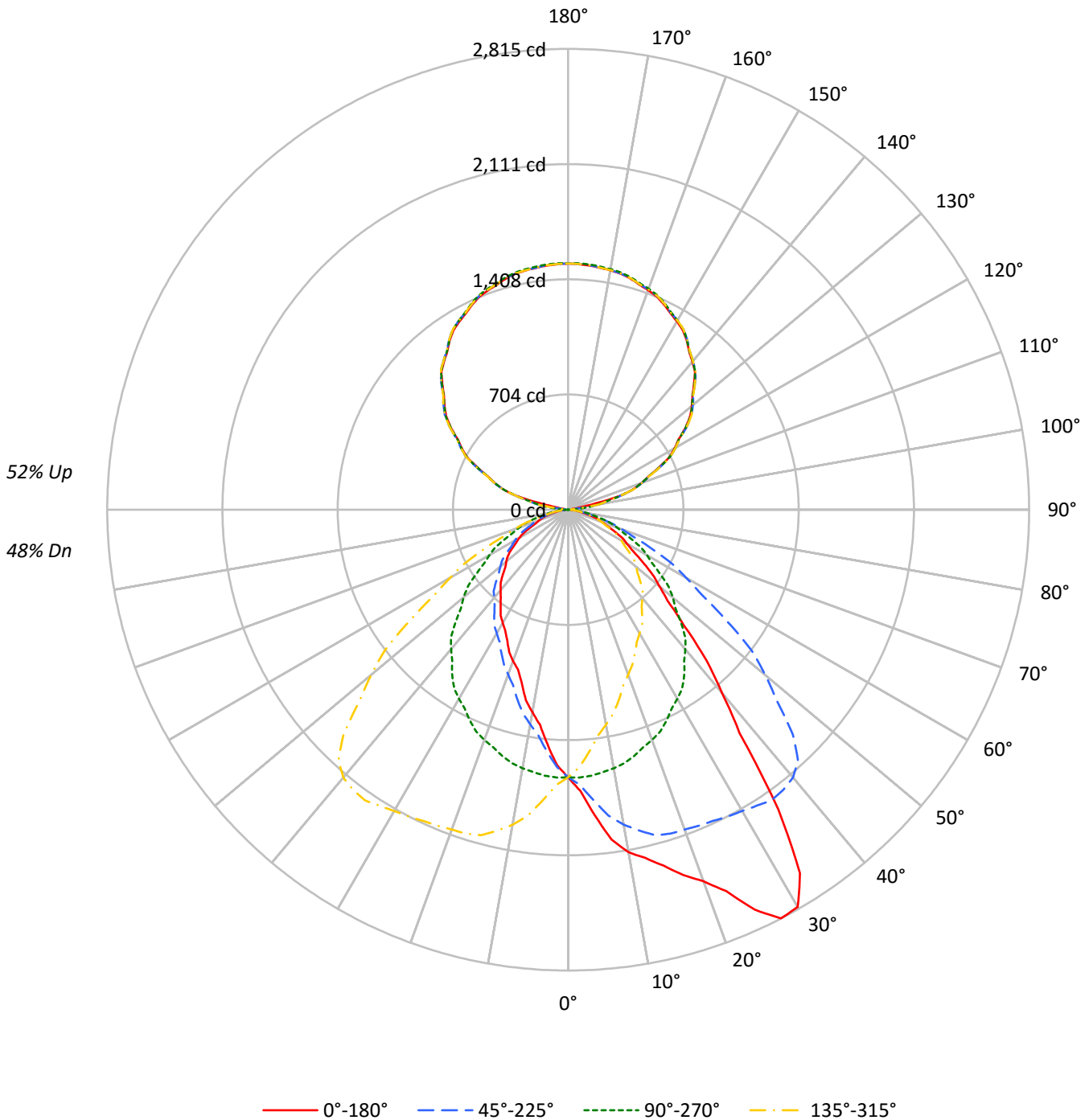
Input Watts (W): 76.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333732-935

CATALOG NUMBER: S125RDIW-S1270D1340U935-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P333732-935

CATALOG NUMBER: S125RDIW-S1270D1340U935-4F0-1E-UDD-A

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20	
RC	80					70					50					30					10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48				48
1	98	94	90	87	90	86	83	80	73	70	68	60	59	57	49	48	47				41	
2	89	82	76	71	82	76	71	66	64	60	57	53	51	48	43	41	40				35	
3	82	72	65	60	75	67	61	56	57	52	48	47	44	41	39	36	34				30	
4	75	64	57	51	69	60	53	48	51	46	42	42	39	36	35	32	30				26	
5	69	57	49	44	63	53	46	41	45	40	36	38	34	31	31	28	26				23	
6	63	52	44	38	58	48	41	36	41	36	31	35	30	27	28	25	23				20	
7	59	47	39	33	54	43	36	31	37	32	28	31	27	24	26	23	21				18	
8	54	42	35	29	50	39	33	28	34	29	25	29	25	22	24	21	18				16	
9	51	39	31	26	47	36	29	25	31	26	22	26	22	19	22	19	17				14	
10	47	35	28	24	44	33	27	22	29	23	20	24	20	18	20	17	15				13	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	10559	10559	10559	10559
5°	12149	10573	9337	10573
10°	13935	10519	8239	10519
15°	15051	10411	7324	10411
20°	16597	10287	6763	10287
25°	19207	10120	6274	10120
30°	20901	9945	5956	9945
35°	17631	9742	5662	9742
40°	12312	9377	5409	9377
45°	9134	8882	5161	8882
50°	7283	8368	4950	8368
55°	6182	7731	4761	7731
60°	5341	7161	4456	7161
65°	4759	6544	3836	6544
70°	4181	5995	3497	5995
75°	3618	5190	3284	5190
80°	2745	4366	2745	4366
85°	2290	3431	2586	3431



TEST NUMBER: P333732-935

CATALOG NUMBER: S125RDIW-S1270D1340U935-4F0-1E-UDD-A

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	156.8	1.8
10°-20°	459.5	5.2
20°-30°	728.5	8.2
30°-40°	878.5	9.9
40°-50°	784.5	8.9
50°-60°	601.6	6.8
60°-70°	391.0	4.4
70°-80°	190.1	2.1
80°-90°	48.5	0.5
90°-100°	54.6	0.6
100°-110°	336.8	3.8
110°-120°	610.9	6.9
120°-130°	783.9	8.9
130°-140°	843.2	9.5
140°-150°	791.5	8.9
150°-160°	640.2	7.2
160°-170°	414.1	4.7
170°-180°	142.8	1.6
0°-30°	1344.7	15.2
0°-40°	2223.3	25.1
0°-60°	3609.4	40.8
0°-90°	4239.0	47.9
90°-120°	1002.3	11.3
90°-150°	3420.9	38.6
90°-180°	4618.0	52.1
0°-180°	8857.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1635	1635	1635	1635	1635	
5°	1874	1631	1440	1631	1874	187
15°	2251	1557	1095	1557	2251	645
25°	2695	1420	880	1420	2695	1238
35°	2236	1236	718	1236	2236	1351
45°	1000	972	565	972	1000	798
55°	549	687	423	687	549	498
65°	311	428	251	428	311	310
75°	145	208	132	208	145	154
85°	31	46	35	46	31	36
90°	27	1	27	1	27	13
95°	23	64	23	64	23	19
105°	331	328	331	328	331	299
115°	611	615	611	615	611	606
125°	875	875	875	875	875	779
135°	1087	1091	1087	1091	1087	839
145°	1262	1265	1262	1265	1262	788
155°	1384	1393	1384	1393	1384	638
165°	1463	1470	1463	1470	1463	413
175°	1497	1504	1497	1504	1497	142
180°	1504	1504	1504	1504	1504	



TEST NUMBER: P333732-935

CATALOG NUMBER: S125RDIW-S1270D1340U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0
2.5°	1719.8	1718.7	1720.9	1714.9	1715.5	1706.3	1706.3	1699.4	1690.2	1683.3	1680.1
5°	1873.9	1875.3	1872.5	1862.4	1855.8	1845.7	1834.3	1814.1	1797.3	1781.2	1768.5
7.5°	2032.6	2033.5	2024.6	2021.5	2004.6	1992.3	1966.9	1939.5	1915.2	1884.4	1860.7
10°	2124.9	2124.3	2114.8	2107.5	2092.7	2073.9	2049.1	2016.8	1986.7	1953.1	1920.9
12.5°	2178.6	2176.9	2173.9	2164.9	2151.2	2134.6	2113.5	2081.8	2044.6	2007.9	1970.2
15°	2251.1	2246.3	2237.7	2226.2	2206.7	2187.3	2163.8	2135.6	2100.1	2058.5	2023.5
17.5°	2340.7	2340.9	2327.5	2311.6	2285.2	2250.8	2214.6	2169.0	2120.7	2074.9	2037.8
20°	2414.8	2412.8	2399.4	2368.5	2338.3	2295.3	2253.8	2198.0	2139.0	2079.2	2032.9
22.5°	2521.2	2515.9	2502.0	2461.4	2414.6	2359.2	2295.6	2227.6	2156.2	2088.4	2027.6
25°	2695.4	2691.3	2663.8	2616.8	2551.1	2465.8	2382.6	2289.3	2186.7	2097.4	2023.5
27.5°	2814.6	2810.1	2789.7	2750.7	2690.0	2600.3	2487.7	2363.0	2234.8	2112.0	2005.5
30°	2802.7	2812.8	2810.1	2792.1	2746.4	2665.8	2561.8	2421.6	2269.2	2124.9	1998.0
32.5°	2634.1	2643.2	2666.8	2702.3	2705.0	2672.8	2595.1	2465.6	2307.8	2143.7	1992.1
35°	2236.3	2248.4	2294.0	2365.9	2459.8	2538.3	2554.4	2484.7	2343.0	2166.5	1983.3
37.5°	1719.2	1785.3	1823.7	1899.3	2041.3	2185.7	2324.6	2375.8	2315.5	2157.1	1968.9
40°	1460.4	1476.5	1545.0	1630.2	1749.7	1900.1	2098.1	2241.0	2245.7	2135.6	1946.4
42.5°	1250.0	1270.4	1317.3	1385.4	1487.7	1638.1	1842.5	2031.1	2118.5	2076.6	1916.8
45°	1000.1	1015.5	1049.7	1102.1	1180.6	1304.8	1480.6	1698.7	1871.9	1939.7	1837.6
47.5°	821.5	829.8	859.6	899.5	957.6	1048.1	1184.2	1373.6	1581.2	1726.9	1712.5
50°	724.9	734.3	757.1	787.3	836.3	912.7	1021.5	1179.2	1393.4	1571.2	1606.8
52.5°	649.7	657.5	671.7	700.3	740.7	799.5	887.3	1029.9	1222.6	1411.7	1494.0
55°	549.0	554.4	565.8	581.9	614.2	656.4	732.2	830.9	986.6	1177.2	1298.0
57.5°	466.1	468.7	476.0	490.9	513.2	544.1	598.8	682.4	794.1	965.8	1099.1
60°	413.5	416.1	425.5	435.6	453.1	481.2	524.2	582.6	689.9	831.6	966.5
62.5°	371.5	373.2	377.2	387.3	402.6	424.3	458.1	505.8	591.2	715.6	843.0
65°	311.4	312.1	313.4	321.5	330.9	347.0	369.1	402.7	467.1	561.1	673.8
67.5°	253.7	254.6	259.3	262.2	272.0	280.4	293.4	319.1	364.5	427.8	515.5
70°	221.4	220.8	225.5	228.9	232.2	242.3	251.0	271.8	300.0	348.4	421.5
72.5°	191.4	189.7	191.7	192.9	197.3	204.1	212.9	225.7	247.4	280.7	336.7
75°	145.0	145.7	145.7	147.0	150.3	153.0	155.7	162.4	174.5	196.7	226.9
77.5°	101.8	100.7	103.5	103.9	105.9	108.8	111.2	113.8	118.8	127.9	143.5
80°	73.8	73.8	74.5	76.5	75.9	77.1	80.5	83.3	89.3	94.6	100.0
82.5°	56.7	56.1	56.7	57.2	57.1	58.4	59.6	60.1	62.4	65.1	68.9
85°	30.9	30.9	31.5	31.5	32.2	32.2	32.9	32.9	32.9	33.6	34.3
87.5°	17.1	16.4	15.8	15.7	16.0	16.9	16.1	15.3	15.1	14.8	15.1
90°	26.8	26.0	25.2	24.5	23.8	22.8	21.5	20.3	19.1	17.8	16.1
92.5°	25.0	24.6	24.3	23.9	23.6	22.8	21.5	20.3	19.1	17.8	16.3
95°	23.4	23.4	23.4	23.4	23.4	22.8	21.5	20.3	19.1	17.8	27.2
97.5°	23.4	23.4	23.4	23.4	23.4	26.9	33.9	40.9	47.9	54.8	73.4
100°	23.4	24.4	25.4	26.3	27.4	46.3	83.3	120.1	157.0	194.0	193.0
102.5°	140.3	157.0	173.9	190.8	207.6	219.6	226.5	233.5	240.5	247.5	246.8
105°	331.1	331.3	331.6	331.8	332.1	332.2	332.2	332.2	332.2	332.2	332.2
107.5°	417.4	418.1	418.9	419.6	420.3	420.7	420.7	420.6	420.5	420.5	420.0
110°	477.2	476.9	476.6	476.4	476.1	476.4	477.2	477.9	478.6	479.3	478.9



TEST NUMBER: P333732-935

CATALOG NUMBER: S125RDIW-S1270D1340U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	530.6	531.0	531.3	531.7	532.0	532.7	533.6	534.5	535.5	536.4	536.1
115°	610.9	612.3	613.9	615.4	616.8	618.1	619.1	620.1	621.0	622.1	621.8
117.5°	696.5	697.2	697.8	698.4	699.0	700.1	701.4	702.7	704.0	705.2	704.3
120°	749.2	750.4	751.6	752.9	754.1	754.9	755.4	756.0	756.5	756.9	756.2
122.5°	799.1	800.5	801.9	803.4	804.8	805.8	806.2	806.8	807.3	807.8	807.4
125°	875.1	875.8	876.6	877.4	878.0	878.9	879.9	880.9	881.9	882.9	882.9
127.5°	939.1	940.9	942.8	944.6	946.4	947.6	948.1	948.7	949.3	949.8	949.9
130°	985.5	986.7	987.9	989.2	990.4	991.4	992.1	992.9	993.7	994.4	994.1
132.5°	1028.3	1029.5	1030.8	1032.0	1033.2	1033.9	1034.1	1034.2	1034.4	1034.5	1035.1
135°	1086.9	1088.4	1089.9	1091.4	1092.9	1093.8	1094.3	1094.8	1095.4	1095.8	1096.3
137.5°	1145.7	1147.0	1148.3	1149.6	1150.9	1151.5	1151.4	1151.3	1151.2	1151.2	1151.6
140°	1180.5	1182.1	1183.5	1185.0	1186.5	1187.0	1186.5	1186.0	1185.5	1185.0	1185.3
142.5°	1213.6	1215.0	1216.5	1218.0	1219.5	1220.2	1220.1	1220.0	1219.9	1219.8	1219.4
145°	1262.0	1263.4	1264.9	1266.4	1267.9	1268.5	1268.3	1268.0	1267.7	1267.5	1267.5
147.5°	1301.8	1303.6	1305.4	1307.2	1309.0	1309.8	1309.4	1309.2	1308.8	1308.5	1308.2
150°	1327.7	1329.6	1331.6	1333.6	1335.6	1336.4	1335.8	1335.4	1334.9	1334.4	1333.9
152.5°	1351.8	1353.6	1355.4	1357.1	1358.9	1359.5	1359.1	1358.6	1358.1	1357.5	1357.1
155°	1383.5	1385.4	1387.4	1389.4	1391.4	1392.0	1391.2	1390.5	1389.7	1389.1	1388.5
157.5°	1410.0	1412.0	1413.9	1415.9	1417.9	1418.5	1417.7	1416.9	1416.1	1415.3	1415.3
160°	1426.9	1428.9	1430.9	1432.9	1434.9	1435.4	1434.3	1433.4	1432.4	1431.4	1431.2
162.5°	1442.1	1444.2	1446.4	1448.6	1450.8	1451.2	1449.8	1448.4	1447.0	1445.6	1445.4
165°	1462.6	1464.6	1466.5	1468.5	1470.5	1470.8	1469.3	1467.7	1466.3	1464.8	1464.6
167.5°	1476.9	1479.1	1481.4	1483.5	1485.7	1486.0	1484.2	1482.5	1480.7	1478.9	1478.6
170°	1484.9	1487.1	1489.4	1491.6	1493.8	1493.9	1491.9	1490.0	1488.0	1486.0	1485.7
172.5°	1490.2	1492.5	1494.7	1496.9	1499.2	1499.3	1497.6	1495.8	1494.0	1492.2	1491.8
175°	1497.1	1499.3	1501.6	1503.8	1506.1	1506.1	1504.2	1502.2	1500.2	1498.2	1498.1
177.5°	1501.2	1502.7	1504.3	1505.9	1507.5	1507.6	1506.2	1504.9	1503.5	1502.0	1501.8
180°	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8



TEST NUMBER: P333732-935

CATALOG NUMBER: S125RDIW-S1270D1340U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0
2.5°	1680.1	1676.3	1669.3	1662.8	1654.8	1647.9	1643.0	1637.1	1629.6	1620.5	1612.9
5°	1754.4	1739.7	1720.2	1703.4	1682.0	1665.2	1647.7	1630.9	1614.1	1592.7	1573.9
7.5°	1836.9	1806.4	1776.7	1739.4	1705.6	1675.3	1646.3	1617.0	1588.2	1557.7	1528.4
10°	1887.3	1850.4	1809.5	1762.5	1719.5	1678.6	1641.0	1604.0	1565.1	1530.9	1494.0
12.5°	1934.6	1886.9	1840.0	1780.7	1729.1	1679.1	1631.3	1585.3	1543.7	1499.3	1459.7
15°	1977.2	1930.3	1877.9	1805.4	1733.6	1673.2	1616.8	1557.1	1505.4	1455.8	1411.4
17.5°	1993.7	1944.5	1883.7	1814.0	1735.5	1659.5	1586.9	1521.4	1460.6	1402.7	1352.9
20°	1987.3	1939.7	1877.2	1810.8	1726.9	1647.7	1569.2	1496.7	1428.9	1367.8	1314.8
22.5°	1971.8	1922.4	1862.2	1792.0	1712.4	1628.4	1544.5	1467.1	1396.1	1332.9	1275.1
25°	1948.4	1881.3	1819.6	1751.0	1675.2	1592.0	1505.4	1420.1	1344.4	1279.9	1216.9
27.5°	1924.1	1840.3	1761.8	1693.8	1613.6	1539.4	1455.9	1368.5	1288.7	1223.1	1158.4
30°	1902.0	1808.1	1721.5	1644.3	1568.5	1498.1	1418.8	1333.6	1251.7	1184.0	1118.2
32.5°	1874.7	1774.8	1679.6	1590.6	1517.5	1447.6	1375.9	1294.4	1214.7	1144.7	1077.9
35°	1840.3	1712.8	1609.5	1514.8	1433.6	1365.8	1301.4	1235.6	1155.7	1083.2	1018.1
37.5°	1795.2	1650.5	1530.9	1427.8	1342.2	1274.1	1223.2	1163.1	1090.2	1020.8	960.4
40°	1767.8	1605.4	1474.5	1372.5	1282.5	1210.7	1163.1	1112.2	1045.7	980.6	920.2
42.5°	1731.3	1564.1	1417.6	1311.3	1220.8	1151.7	1103.5	1058.9	1003.2	941.9	877.2
45°	1659.7	1483.9	1330.2	1216.2	1124.9	1057.0	1012.1	972.5	930.2	873.8	817.4
47.5°	1566.6	1400.3	1239.5	1114.9	1025.5	962.6	918.9	887.7	857.5	809.5	754.8
50°	1492.0	1331.6	1174.5	1053.7	958.4	898.7	857.7	832.9	805.4	761.7	716.1
52.5°	1403.9	1260.7	1106.9	983.3	893.5	837.5	798.1	773.4	750.6	715.1	671.6
55°	1265.2	1139.6	998.7	886.6	804.1	747.7	710.1	686.6	673.2	643.0	608.7
57.5°	1105.0	1015.0	890.8	782.7	709.7	654.0	626.5	606.5	591.3	570.0	545.8
60°	993.3	930.2	818.8	716.1	649.0	596.0	571.2	554.4	540.3	522.2	503.3
62.5°	880.0	834.1	737.2	649.0	587.3	542.9	519.6	504.5	488.2	476.0	457.7
65°	728.2	687.3	620.2	551.0	494.0	458.4	441.6	428.2	418.1	404.7	391.9
67.5°	566.5	549.8	503.5	455.8	414.9	383.2	368.8	359.4	347.2	339.2	330.5
70°	467.1	459.1	426.2	394.7	356.4	334.9	321.5	317.5	302.7	294.6	288.6
72.5°	379.1	375.3	356.4	334.5	307.5	288.7	276.4	271.8	262.4	256.0	252.1
75°	259.8	261.1	257.7	243.7	233.6	221.4	210.8	208.0	201.4	196.0	192.6
77.5°	164.3	171.2	171.4	170.7	166.7	159.4	154.9	152.9	146.3	144.3	143.5
80°	112.8	120.1	126.8	126.1	124.8	122.9	119.5	117.4	114.1	112.1	110.7
82.5°	75.2	82.1	87.6	91.3	91.0	89.0	86.7	85.8	85.1	83.6	83.3
85°	35.6	36.9	38.9	43.7	47.0	47.6	47.0	46.3	44.3	44.9	45.6
87.5°	15.2	14.9	15.1	14.7	13.8	16.0	17.3	17.4	16.7	16.0	15.4
90°	14.4	12.7	10.9	9.0	7.1	5.1	3.1	1.1	3.1	5.1	7.1
92.5°	14.7	13.3	11.7	11.6	13.0	14.4	15.8	17.1	15.8	14.4	13.0
95°	36.7	46.1	55.4	60.5	61.3	62.1	62.8	63.5	62.8	62.1	61.3
97.5°	92.1	110.7	129.3	138.0	136.6	135.3	134.0	132.7	134.0	135.3	136.6
100°	192.0	191.0	190.0	189.2	188.4	187.6	186.9	186.1	186.9	187.6	188.4
102.5°	246.3	245.7	245.1	244.4	243.4	242.5	241.5	240.6	241.5	242.5	243.4
105°	332.2	332.2	332.2	331.7	330.7	329.8	328.7	327.8	328.7	329.8	330.7
107.5°	419.5	419.0	418.5	418.3	418.3	418.3	418.3	418.3	418.3	418.3	418.3
110°	478.4	477.9	477.3	477.2	477.2	477.2	477.2	477.2	477.2	477.2	477.2



TEST NUMBER: P333732-935

CATALOG NUMBER: S125RDIW-S1270D1340U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	535.8	535.5	535.3	534.8	534.2	533.6	533.0	532.4	533.0	533.6	534.2
115°	621.6	621.3	621.0	620.4	619.1	617.9	616.6	615.4	616.6	617.9	619.1
117.5°	703.4	702.4	701.5	701.0	701.0	701.1	701.1	701.2	701.1	701.1	701.0
120°	755.4	754.7	754.0	753.7	754.0	754.2	754.5	754.7	754.5	754.2	754.0
122.5°	807.1	806.8	806.4	805.7	804.8	803.8	802.9	801.9	802.9	803.8	804.8
125°	882.9	882.9	882.9	882.0	880.3	878.6	876.8	875.1	876.8	878.6	880.3
127.5°	950.1	950.2	950.4	949.9	948.6	947.4	946.2	944.9	946.2	947.4	948.6
130°	993.9	993.7	993.4	992.6	991.4	990.2	988.9	987.7	988.9	990.2	991.4
132.5°	1035.6	1036.1	1036.7	1036.2	1034.8	1033.4	1031.9	1030.5	1031.9	1033.4	1034.8
135°	1096.8	1097.3	1097.8	1097.3	1095.8	1094.3	1092.9	1091.4	1092.9	1094.3	1095.8
137.5°	1152.0	1152.4	1152.9	1152.4	1151.2	1149.9	1148.6	1147.4	1148.6	1149.9	1151.2
140°	1185.5	1185.8	1186.0	1185.9	1185.3	1184.9	1184.4	1183.9	1184.4	1184.9	1185.3
142.5°	1219.1	1218.7	1218.4	1218.1	1217.8	1217.5	1217.2	1216.9	1217.2	1217.5	1217.8
145°	1267.5	1267.5	1267.5	1267.2	1266.8	1266.3	1265.8	1265.2	1265.8	1266.3	1266.8
147.5°	1307.9	1307.6	1307.3	1307.3	1307.3	1307.4	1307.5	1307.6	1307.5	1307.4	1307.3
150°	1333.4	1332.9	1332.4	1332.4	1332.9	1333.4	1333.9	1334.4	1333.9	1333.4	1332.9
152.5°	1356.6	1356.1	1355.6	1355.9	1357.0	1358.1	1359.2	1360.2	1359.2	1358.1	1357.0
155°	1388.0	1387.5	1387.1	1387.5	1389.1	1390.5	1392.0	1393.4	1392.0	1390.5	1389.1
157.5°	1415.2	1415.1	1415.1	1415.6	1416.4	1417.3	1418.2	1419.1	1418.2	1417.3	1416.4
160°	1430.9	1430.6	1430.4	1431.0	1432.4	1434.0	1435.5	1436.9	1435.5	1434.0	1432.4
162.5°	1445.2	1444.9	1444.7	1445.3	1446.7	1448.2	1449.8	1451.2	1449.8	1448.2	1446.7
165°	1464.3	1464.0	1463.8	1464.5	1465.9	1467.4	1468.9	1470.4	1468.9	1467.4	1465.9
167.5°	1478.3	1478.1	1477.9	1478.5	1480.1	1481.6	1483.2	1484.6	1483.2	1481.6	1480.1
170°	1485.5	1485.2	1485.0	1485.7	1487.5	1489.2	1491.0	1492.7	1491.0	1489.2	1487.5
172.5°	1491.3	1490.9	1490.5	1491.1	1492.8	1494.6	1496.3	1498.1	1496.3	1494.6	1492.8
175°	1497.8	1497.5	1497.3	1497.9	1499.3	1500.9	1502.4	1503.8	1502.4	1500.9	1499.3
177.5°	1501.7	1501.5	1501.2	1501.8	1503.0	1504.2	1505.3	1506.5	1505.3	1504.2	1503.0
180°	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8



TEST NUMBER: P333732-935

CATALOG NUMBER: S125RDIW-S1270D1340U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0
2.5°	1607.6	1600.1	1594.7	1583.9	1576.4	1573.2	1567.3	1565.6	1571.6	1567.3	1566.8
5°	1559.8	1540.3	1524.9	1509.4	1492.6	1482.0	1465.9	1463.1	1459.1	1453.0	1451.7
7.5°	1502.4	1477.1	1457.2	1431.8	1409.5	1391.7	1371.6	1362.0	1356.8	1349.0	1338.6
10°	1463.8	1433.6	1406.8	1381.2	1353.8	1331.6	1311.5	1296.0	1285.9	1276.5	1272.6
12.5°	1425.6	1394.9	1360.6	1329.7	1299.0	1274.1	1251.8	1241.8	1230.6	1219.6	1210.2
15°	1366.5	1325.5	1288.0	1252.4	1226.2	1199.4	1177.8	1163.1	1146.3	1141.7	1123.5
17.5°	1303.6	1263.5	1219.5	1182.1	1151.7	1122.1	1098.5	1081.8	1069.2	1051.9	1043.5
20°	1264.5	1216.9	1173.9	1139.6	1106.0	1071.2	1047.0	1032.9	1020.8	1006.8	1000.1
22.5°	1222.6	1176.0	1132.0	1091.8	1057.7	1023.4	1006.2	991.6	977.8	964.8	956.0
25°	1161.1	1114.1	1067.8	1026.2	990.7	965.8	945.6	928.8	921.5	908.8	899.3
27.5°	1100.3	1050.3	1002.3	960.8	932.9	908.4	891.8	878.6	865.2	854.1	845.9
30°	1061.1	1010.1	957.8	924.9	895.4	871.8	853.7	840.9	830.9	820.8	814.8
32.5°	1021.9	969.3	922.8	887.3	859.4	839.0	820.4	808.2	797.6	786.4	779.4
35°	959.1	905.4	867.8	832.9	805.4	786.6	773.9	756.4	747.7	739.6	732.2
37.5°	900.7	850.8	810.1	779.5	755.6	736.9	720.4	711.0	700.3	693.0	686.9
40°	857.7	812.1	775.2	743.0	725.6	704.7	689.3	677.2	669.2	659.8	653.1
42.5°	819.1	776.7	740.8	711.9	690.1	672.5	657.6	645.5	635.3	628.6	622.9
45°	764.5	722.2	687.3	660.4	640.3	623.5	608.0	602.0	588.6	580.6	577.9
47.5°	707.9	670.1	636.4	611.7	591.0	575.1	560.7	548.4	541.0	533.0	528.7
50°	669.9	633.6	602.0	577.9	557.8	540.3	526.8	518.8	508.8	501.4	496.0
52.5°	631.7	598.1	566.6	543.5	526.1	508.6	493.6	485.5	476.0	471.3	467.5
55°	577.2	541.7	514.8	492.0	473.8	457.7	443.7	435.6	429.6	424.8	423.5
57.5°	515.5	487.2	462.3	441.8	422.9	407.8	395.5	387.8	382.5	381.8	377.7
60°	475.2	449.7	426.9	404.7	388.6	374.5	363.8	355.1	349.7	349.0	347.7
62.5°	434.9	410.4	389.3	369.8	355.3	341.7	331.6	321.8	318.6	315.2	312.2
65°	375.1	353.0	335.6	320.1	304.7	293.3	283.3	277.2	269.8	265.8	258.4
67.5°	316.5	299.4	282.6	269.6	257.4	246.6	238.2	229.3	224.3	221.1	215.7
70°	277.8	264.4	247.6	233.6	224.2	215.4	208.7	198.6	195.3	192.6	189.9
72.5°	241.3	229.5	215.4	204.1	194.7	186.4	178.7	173.9	170.7	167.9	166.3
75°	189.9	178.6	166.4	158.4	151.7	145.0	140.9	137.6	136.2	135.6	132.9
77.5°	139.5	133.5	123.7	117.4	112.9	110.2	106.6	104.9	104.7	101.8	100.8
80°	106.7	103.3	95.3	92.6	89.3	86.6	84.6	81.2	77.8	76.5	74.5
82.5°	79.3	75.9	72.8	68.4	65.6	64.1	62.0	60.8	61.2	59.3	58.4
85°	42.3	38.9	37.6	36.9	35.6	36.9	36.2	35.6	34.9	34.3	34.9
87.5°	15.2	15.6	15.4	16.9	15.6	16.4	16.7	16.4	16.6	16.9	16.5
90°	9.0	10.9	12.7	14.4	16.1	17.8	19.1	20.3	21.5	22.8	23.8
92.5°	11.6	11.7	13.3	14.7	16.3	17.8	19.1	20.3	21.5	22.8	23.6
95°	60.5	55.4	46.1	36.7	27.2	17.8	19.1	20.3	21.5	22.8	23.4
97.5°	138.0	129.3	110.7	92.1	73.4	54.8	47.9	40.9	33.9	26.9	23.4
100°	189.2	190.0	191.0	192.0	193.0	194.0	157.0	120.1	83.3	46.3	27.4
102.5°	244.4	245.1	245.7	246.3	246.8	247.5	240.5	233.5	226.5	219.6	207.6
105°	331.7	332.2	332.2	332.2	332.2	332.2	332.2	332.2	332.2	332.2	332.1
107.5°	418.3	418.5	419.0	419.5	420.0	420.5	420.5	420.6	420.7	420.7	420.3
110°	477.2	477.3	477.9	478.4	478.9	479.3	478.6	477.9	477.2	476.4	476.1



TEST NUMBER: P333732-935

CATALOG NUMBER: S125RDIW-S1270D1340U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	534.8	535.3	535.5	535.8	536.1	536.4	535.5	534.5	533.6	532.7	532.0
115°	620.4	621.0	621.3	621.6	621.8	622.1	621.0	620.1	619.1	618.1	616.8
117.5°	701.0	701.5	702.4	703.4	704.3	705.2	704.0	702.7	701.4	700.1	699.0
120°	753.7	754.0	754.7	755.4	756.2	756.9	756.5	756.0	755.4	754.9	754.1
122.5°	805.7	806.4	806.8	807.1	807.4	807.8	807.3	806.8	806.2	805.8	804.8
125°	882.0	882.9	882.9	882.9	882.9	882.9	881.9	880.9	879.9	878.9	878.0
127.5°	949.9	950.4	950.2	950.1	949.9	949.8	949.3	948.7	948.1	947.6	946.4
130°	992.6	993.4	993.7	993.9	994.1	994.4	993.7	992.9	992.1	991.4	990.4
132.5°	1036.2	1036.7	1036.1	1035.6	1035.1	1034.5	1034.4	1034.2	1034.1	1033.9	1033.2
135°	1097.3	1097.8	1097.3	1096.8	1096.3	1095.8	1095.4	1094.8	1094.3	1093.8	1092.9
137.5°	1152.4	1152.9	1152.4	1152.0	1151.6	1151.2	1151.2	1151.3	1151.4	1151.5	1150.9
140°	1185.9	1186.0	1185.8	1185.5	1185.3	1185.0	1185.5	1186.0	1186.5	1187.0	1186.5
142.5°	1218.1	1218.4	1218.7	1219.1	1219.4	1219.8	1219.9	1220.0	1220.1	1220.2	1219.5
145°	1267.2	1267.5	1267.5	1267.5	1267.5	1267.5	1267.7	1268.0	1268.3	1268.5	1267.9
147.5°	1307.3	1307.3	1307.6	1307.9	1308.2	1308.5	1308.8	1309.2	1309.4	1309.8	1309.0
150°	1332.4	1332.4	1332.9	1333.4	1333.9	1334.4	1334.9	1335.4	1335.8	1336.4	1335.6
152.5°	1355.9	1355.6	1356.1	1356.6	1357.1	1357.5	1358.1	1358.6	1359.1	1359.5	1358.9
155°	1387.5	1387.1	1387.5	1388.0	1388.5	1389.1	1389.7	1390.5	1391.2	1392.0	1391.4
157.5°	1415.6	1415.1	1415.1	1415.2	1415.3	1415.3	1416.1	1416.9	1417.7	1418.5	1417.9
160°	1431.0	1430.4	1430.6	1430.9	1431.2	1431.4	1432.4	1433.4	1434.3	1435.4	1434.9
162.5°	1445.3	1444.7	1444.9	1445.2	1445.4	1445.6	1447.0	1448.4	1449.8	1451.2	1450.8
165°	1464.5	1463.8	1464.0	1464.3	1464.6	1464.8	1466.3	1467.7	1469.3	1470.8	1470.5
167.5°	1478.5	1477.9	1478.1	1478.3	1478.6	1478.9	1480.7	1482.5	1484.2	1486.0	1485.7
170°	1485.7	1485.0	1485.2	1485.5	1485.7	1486.0	1488.0	1490.0	1491.9	1493.9	1493.8
172.5°	1491.1	1490.5	1490.9	1491.3	1491.8	1492.2	1494.0	1495.8	1497.6	1499.3	1499.2
175°	1497.9	1497.3	1497.5	1497.8	1498.1	1498.2	1500.2	1502.2	1504.2	1506.1	1506.1
177.5°	1501.8	1501.2	1501.5	1501.7	1501.8	1502.0	1503.5	1504.9	1506.2	1507.6	1507.5
180°	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8



TEST NUMBER: P333732-935

CATALOG NUMBER: S125RDIW-S1270D1340U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0
2.5°	1566.2	1560.3	1558.7	1560.8	1558.7	1560.3	1566.2	1566.8	1567.3	1571.6	1565.6
5°	1445.0	1438.3	1441.7	1440.3	1441.7	1438.3	1445.0	1451.7	1453.0	1459.1	1463.1
7.5°	1338.4	1330.1	1321.2	1324.0	1321.2	1330.1	1338.4	1338.6	1349.0	1356.8	1362.0
10°	1263.8	1257.1	1253.0	1256.4	1253.0	1257.1	1263.8	1272.6	1276.5	1285.9	1296.0
12.5°	1201.0	1197.0	1193.4	1192.0	1193.4	1197.0	1201.0	1210.2	1219.6	1230.6	1241.8
15°	1115.4	1107.4	1104.1	1095.4	1104.1	1107.4	1115.4	1123.5	1141.7	1146.3	1163.1
17.5°	1036.6	1034.0	1025.3	1021.5	1025.3	1034.0	1036.6	1043.5	1051.9	1069.2	1081.8
20°	990.0	987.3	978.5	984.0	978.5	987.3	990.0	1000.1	1006.8	1020.8	1032.9
22.5°	951.3	945.4	942.5	941.0	942.5	945.4	951.3	956.0	964.8	977.8	991.6
25°	896.6	887.9	884.6	880.5	884.6	887.9	896.6	899.3	908.8	921.5	928.8
27.5°	842.1	837.5	833.0	832.0	833.0	837.5	842.1	845.9	854.1	865.2	878.6
30°	806.8	802.0	798.7	798.7	798.7	802.0	806.8	814.8	820.8	830.9	840.9
32.5°	775.1	771.5	768.1	767.6	768.1	771.5	775.1	779.4	786.4	797.6	808.2
35°	728.9	723.5	722.2	718.2	722.2	723.5	728.9	732.2	739.6	747.7	756.4
37.5°	681.0	676.5	676.4	676.0	676.4	676.5	681.0	686.9	693.0	700.3	711.0
40°	650.3	647.0	646.4	641.6	646.4	647.0	650.3	653.1	659.8	669.2	677.2
42.5°	617.6	615.9	613.5	611.6	613.5	615.9	617.6	622.9	628.6	635.3	645.5
45°	573.2	568.4	568.4	565.1	568.4	568.4	573.2	577.9	580.6	588.6	602.0
47.5°	527.3	523.7	524.0	520.6	524.0	523.7	527.3	528.7	533.0	541.0	548.4
50°	496.6	494.6	494.0	492.7	494.0	494.6	496.6	496.0	501.4	508.8	518.8
52.5°	466.1	465.1	467.7	464.7	467.7	465.1	466.1	467.5	471.3	476.0	485.5
55°	424.8	422.8	426.9	422.8	426.9	422.8	424.8	423.5	424.8	429.6	435.6
57.5°	377.5	375.6	379.2	377.2	379.2	375.6	377.5	377.7	381.8	382.5	387.8
60°	346.3	342.3	344.3	345.0	344.3	342.3	346.3	347.7	349.0	349.7	355.1
62.5°	309.3	306.9	308.3	305.2	308.3	306.9	309.3	312.2	315.2	318.6	321.8
65°	257.1	255.0	252.4	251.0	252.4	255.0	257.1	258.4	265.8	269.8	277.2
67.5°	215.9	211.1	211.0	212.1	211.0	211.1	215.9	215.7	221.1	224.3	229.3
70°	185.9	185.9	185.2	185.2	185.2	185.9	185.9	189.9	192.6	195.3	198.6
72.5°	165.0	164.5	163.2	162.7	163.2	164.5	165.0	166.3	167.9	170.7	173.9
75°	132.9	133.5	132.2	131.6	132.2	133.5	132.9	132.9	135.6	136.2	137.6
77.5°	98.2	95.3	96.8	95.3	96.8	95.3	98.2	100.8	101.8	104.7	104.9
80°	74.5	73.8	75.9	73.8	75.9	73.8	74.5	74.5	76.5	77.8	81.2
82.5°	58.9	58.3	59.2	57.7	59.2	58.3	58.9	58.4	59.3	61.2	60.8
85°	35.6	34.9	34.3	34.9	34.3	34.9	35.6	34.9	34.3	34.9	35.6
87.5°	17.2	16.9	17.0	17.1	17.0	16.9	17.2	16.5	16.9	16.6	16.4
90°	24.5	25.2	26.0	26.8	26.0	25.2	24.5	23.8	22.8	21.5	20.3
92.5°	23.9	24.3	24.6	25.0	24.6	24.3	23.9	23.6	22.8	21.5	20.3
95°	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	22.8	21.5	20.3
97.5°	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	26.9	33.9	40.9
100°	26.3	25.4	24.4	23.4	24.4	25.4	26.3	27.4	46.3	83.3	120.1
102.5°	190.8	173.9	157.0	140.3	157.0	173.9	190.8	207.6	219.6	226.5	233.5
105°	331.8	331.6	331.3	331.1	331.3	331.6	331.8	332.1	332.2	332.2	332.2
107.5°	419.6	418.9	418.1	417.4	418.1	418.9	419.6	420.3	420.7	420.7	420.6
110°	476.4	476.6	476.9	477.2	476.9	476.6	476.4	476.1	476.4	477.2	477.9



TEST NUMBER: P333732-935

CATALOG NUMBER: S125RDIW-S1270D1340U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	531.7	531.3	531.0	530.6	531.0	531.3	531.7	532.0	532.7	533.6	534.5
115°	615.4	613.9	612.3	610.9	612.3	613.9	615.4	616.8	618.1	619.1	620.1
117.5°	698.4	697.8	697.2	696.5	697.2	697.8	698.4	699.0	700.1	701.4	702.7
120°	752.9	751.6	750.4	749.2	750.4	751.6	752.9	754.1	754.9	755.4	756.0
122.5°	803.4	801.9	800.5	799.1	800.5	801.9	803.4	804.8	805.8	806.2	806.8
125°	877.4	876.6	875.8	875.1	875.8	876.6	877.4	878.0	878.9	879.9	880.9
127.5°	944.6	942.8	940.9	939.1	940.9	942.8	944.6	946.4	947.6	948.1	948.7
130°	989.2	987.9	986.7	985.5	986.7	987.9	989.2	990.4	991.4	992.1	992.9
132.5°	1032.0	1030.8	1029.5	1028.3	1029.5	1030.8	1032.0	1033.2	1033.9	1034.1	1034.2
135°	1091.4	1089.9	1088.4	1086.9	1088.4	1089.9	1091.4	1092.9	1093.8	1094.3	1094.8
137.5°	1149.6	1148.3	1147.0	1145.7	1147.0	1148.3	1149.6	1150.9	1151.5	1151.4	1151.3
140°	1185.0	1183.5	1182.1	1180.5	1182.1	1183.5	1185.0	1186.5	1187.0	1186.5	1186.0
142.5°	1218.0	1216.5	1215.0	1213.6	1215.0	1216.5	1218.0	1219.5	1220.2	1220.1	1220.0
145°	1266.4	1264.9	1263.4	1262.0	1263.4	1264.9	1266.4	1267.9	1268.5	1268.3	1268.0
147.5°	1307.2	1305.4	1303.6	1301.8	1303.6	1305.4	1307.2	1309.0	1309.8	1309.4	1309.2
150°	1333.6	1331.6	1329.6	1327.7	1329.6	1331.6	1333.6	1335.6	1336.4	1335.8	1335.4
152.5°	1357.1	1355.4	1353.6	1351.8	1353.6	1355.4	1357.1	1358.9	1359.5	1359.1	1358.6
155°	1389.4	1387.4	1385.4	1383.5	1385.4	1387.4	1389.4	1391.4	1392.0	1391.2	1390.5
157.5°	1415.9	1413.9	1412.0	1410.0	1412.0	1413.9	1415.9	1417.9	1418.5	1417.7	1416.9
160°	1432.9	1430.9	1428.9	1426.9	1428.9	1430.9	1432.9	1434.9	1435.4	1434.3	1433.4
162.5°	1448.6	1446.4	1444.2	1442.1	1444.2	1446.4	1448.6	1450.8	1451.2	1449.8	1448.4
165°	1468.5	1466.5	1464.6	1462.6	1464.6	1466.5	1468.5	1470.5	1470.8	1469.3	1467.7
167.5°	1483.5	1481.4	1479.1	1476.9	1479.1	1481.4	1483.5	1485.7	1486.0	1484.2	1482.5
170°	1491.6	1489.4	1487.1	1484.9	1487.1	1489.4	1491.6	1493.8	1493.9	1491.9	1490.0
172.5°	1496.9	1494.7	1492.5	1490.2	1492.5	1494.7	1496.9	1499.2	1499.3	1497.6	1495.8
175°	1503.8	1501.6	1499.3	1497.1	1499.3	1501.6	1503.8	1506.1	1506.1	1504.2	1502.2
177.5°	1505.9	1504.3	1502.7	1501.2	1502.7	1504.3	1505.9	1507.5	1507.6	1506.2	1504.9
180°	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8



TEST NUMBER: P333732-935

CATALOG NUMBER: S125RDIW-S1270D1340U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0
2.5°	1567.3	1573.2	1576.4	1583.9	1594.7	1600.1	1607.6	1612.9	1620.5	1629.6	1637.1
5°	1465.9	1482.0	1492.6	1509.4	1524.9	1540.3	1559.8	1573.9	1592.7	1614.1	1630.9
7.5°	1371.6	1391.7	1409.5	1431.8	1457.2	1477.1	1502.4	1528.4	1557.7	1588.2	1617.0
10°	1311.5	1331.6	1353.8	1381.2	1406.8	1433.6	1463.8	1494.0	1530.9	1565.1	1604.0
12.5°	1251.8	1274.1	1299.0	1329.7	1360.6	1394.9	1425.6	1459.7	1499.3	1543.7	1585.3
15°	1177.8	1199.4	1226.2	1252.4	1288.0	1325.5	1366.5	1411.4	1455.8	1505.4	1557.1
17.5°	1098.5	1122.1	1151.7	1182.1	1219.5	1263.5	1303.6	1352.9	1402.7	1460.6	1521.4
20°	1047.0	1071.2	1106.0	1139.6	1173.9	1216.9	1264.5	1314.8	1367.8	1428.9	1496.7
22.5°	1006.2	1023.4	1057.7	1091.8	1132.0	1176.0	1222.6	1275.1	1332.9	1396.1	1467.1
25°	945.6	965.8	990.7	1026.2	1067.8	1114.1	1161.1	1216.9	1279.9	1344.4	1420.1
27.5°	891.8	908.4	932.9	960.8	1002.3	1050.3	1100.3	1158.4	1223.1	1288.7	1368.5
30°	853.7	871.8	895.4	924.9	957.8	1010.1	1061.1	1118.2	1184.0	1251.7	1333.6
32.5°	820.4	839.0	859.4	887.3	922.8	969.3	1021.9	1077.9	1144.7	1214.7	1294.4
35°	773.9	786.6	805.4	832.9	867.8	905.4	959.1	1018.1	1083.2	1155.7	1235.6
37.5°	720.4	736.9	755.6	779.5	810.1	850.8	900.7	960.4	1020.8	1090.2	1163.1
40°	689.3	704.7	725.6	743.0	775.2	812.1	857.7	920.2	980.6	1045.7	1112.2
42.5°	657.6	672.5	690.1	711.9	740.8	776.7	819.1	877.2	941.9	1003.2	1058.9
45°	608.0	623.5	640.3	660.4	687.3	722.2	764.5	817.4	873.8	930.2	972.5
47.5°	560.7	575.1	591.0	611.7	636.4	670.1	707.9	754.8	809.5	857.5	887.7
50°	526.8	540.3	557.8	577.9	602.0	633.6	669.9	716.1	761.7	805.4	832.9
52.5°	493.6	508.6	526.1	543.5	566.6	598.1	631.7	671.6	715.1	750.6	773.4
55°	443.7	457.7	473.8	492.0	514.8	541.7	577.2	608.7	643.0	673.2	686.6
57.5°	395.5	407.8	422.9	441.8	462.3	487.2	515.5	545.8	570.0	591.3	606.5
60°	363.8	374.5	388.6	404.7	426.9	449.7	475.2	503.3	522.2	540.3	554.4
62.5°	331.6	341.7	355.3	369.8	389.3	410.4	434.9	457.7	476.0	488.2	504.5
65°	283.3	293.3	304.7	320.1	335.6	353.0	375.1	391.9	404.7	418.1	428.2
67.5°	238.2	246.6	257.4	269.6	282.6	299.4	316.5	330.5	339.2	347.2	359.4
70°	208.7	215.4	224.2	233.6	247.6	264.4	277.8	288.6	294.6	302.7	317.5
72.5°	178.7	186.4	194.7	204.1	215.4	229.5	241.3	252.1	256.0	262.4	271.8
75°	140.9	145.0	151.7	158.4	166.4	178.6	189.9	192.6	196.0	201.4	208.0
77.5°	106.6	110.2	112.9	117.4	123.7	133.5	139.5	143.5	144.3	146.3	152.9
80°	84.6	86.6	89.3	92.6	95.3	103.3	106.7	110.7	112.1	114.1	117.4
82.5°	62.0	64.1	65.6	68.4	72.8	75.9	79.3	83.3	83.6	85.1	85.8
85°	36.2	36.9	35.6	36.9	37.6	38.9	42.3	45.6	44.9	44.3	46.3
87.5°	16.7	16.4	15.6	16.9	15.4	15.6	15.2	15.4	16.0	16.7	17.4
90°	19.1	17.8	16.1	14.4	12.7	10.9	9.0	7.1	5.1	3.1	1.1
92.5°	19.1	17.8	16.3	14.7	13.3	11.7	11.6	13.0	14.4	15.8	17.1
95°	19.1	17.8	27.2	36.7	46.1	55.4	60.5	61.3	62.1	62.8	63.5
97.5°	47.9	54.8	73.4	92.1	110.7	129.3	138.0	136.6	135.3	134.0	132.7
100°	157.0	194.0	193.0	192.0	191.0	190.0	189.2	188.4	187.6	186.9	186.1
102.5°	240.5	247.5	246.8	246.3	245.7	245.1	244.4	243.4	242.5	241.5	240.6
105°	332.2	332.2	332.2	332.2	332.2	332.2	331.7	330.7	329.8	328.7	327.8
107.5°	420.5	420.5	420.0	419.5	419.0	418.5	418.3	418.3	418.3	418.3	418.3
110°	478.6	479.3	478.9	478.4	477.9	477.3	477.2	477.2	477.2	477.2	477.2



TEST NUMBER: P333732-935

CATALOG NUMBER: S125RDIW-S1270D1340U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	535.5	536.4	536.1	535.8	535.5	535.3	534.8	534.2	533.6	533.0	532.4
115°	621.0	622.1	621.8	621.6	621.3	621.0	620.4	619.1	617.9	616.6	615.4
117.5°	704.0	705.2	704.3	703.4	702.4	701.5	701.0	701.0	701.1	701.1	701.2
120°	756.5	756.9	756.2	755.4	754.7	754.0	753.7	754.0	754.2	754.5	754.7
122.5°	807.3	807.8	807.4	807.1	806.8	806.4	805.7	804.8	803.8	802.9	801.9
125°	881.9	882.9	882.9	882.9	882.9	882.9	882.0	880.3	878.6	876.8	875.1
127.5°	949.3	949.8	949.9	950.1	950.2	950.4	949.9	948.6	947.4	946.2	944.9
130°	993.7	994.4	994.1	993.9	993.7	993.4	992.6	991.4	990.2	988.9	987.7
132.5°	1034.4	1034.5	1035.1	1035.6	1036.1	1036.7	1036.2	1034.8	1033.4	1031.9	1030.5
135°	1095.4	1095.8	1096.3	1096.8	1097.3	1097.8	1097.3	1095.8	1094.3	1092.9	1091.4
137.5°	1151.2	1151.2	1151.6	1152.0	1152.4	1152.9	1152.4	1151.2	1149.9	1148.6	1147.4
140°	1185.5	1185.0	1185.3	1185.5	1185.8	1186.0	1185.9	1185.3	1184.9	1184.4	1183.9
142.5°	1219.9	1219.8	1219.4	1219.1	1218.7	1218.4	1218.1	1217.8	1217.5	1217.2	1216.9
145°	1267.7	1267.5	1267.5	1267.5	1267.5	1267.5	1267.2	1266.8	1266.3	1265.8	1265.2
147.5°	1308.8	1308.5	1308.2	1307.9	1307.6	1307.3	1307.3	1307.3	1307.4	1307.5	1307.6
150°	1334.9	1334.4	1333.9	1333.4	1332.9	1332.4	1332.4	1332.9	1333.4	1333.9	1334.4
152.5°	1358.1	1357.5	1357.1	1356.6	1356.1	1355.6	1355.9	1357.0	1358.1	1359.2	1360.2
155°	1389.7	1389.1	1388.5	1388.0	1387.5	1387.1	1387.5	1389.1	1390.5	1392.0	1393.4
157.5°	1416.1	1415.3	1415.3	1415.2	1415.1	1415.1	1415.6	1416.4	1417.3	1418.2	1419.1
160°	1432.4	1431.4	1431.2	1430.9	1430.6	1430.4	1431.0	1432.4	1434.0	1435.5	1436.9
162.5°	1447.0	1445.6	1445.4	1445.2	1444.9	1444.7	1445.3	1446.7	1448.2	1449.8	1451.2
165°	1466.3	1464.8	1464.6	1464.3	1464.0	1463.8	1464.5	1465.9	1467.4	1468.9	1470.4
167.5°	1480.7	1478.9	1478.6	1478.3	1478.1	1477.9	1478.5	1480.1	1481.6	1483.2	1484.6
170°	1488.0	1486.0	1485.7	1485.5	1485.2	1485.0	1485.7	1487.5	1489.2	1491.0	1492.7
172.5°	1494.0	1492.2	1491.8	1491.3	1490.9	1490.5	1491.1	1492.8	1494.6	1496.3	1498.1
175°	1500.2	1498.2	1498.1	1497.8	1497.5	1497.3	1497.9	1499.3	1500.9	1502.4	1503.8
177.5°	1503.5	1502.0	1501.8	1501.7	1501.5	1501.2	1501.8	1503.0	1504.2	1505.3	1506.5
180°	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8



TEST NUMBER: P333732-935

CATALOG NUMBER: S125RDIW-S1270D1340U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0
2.5°	1643.0	1647.9	1654.8	1662.8	1669.3	1676.3	1680.1	1680.1	1683.3	1690.2	1699.4
5°	1647.7	1665.2	1682.0	1703.4	1720.2	1739.7	1754.4	1768.5	1781.2	1797.3	1814.1
7.5°	1646.3	1675.3	1705.6	1739.4	1776.7	1806.4	1836.9	1860.7	1884.4	1915.2	1939.5
10°	1641.0	1678.6	1719.5	1762.5	1809.5	1850.4	1887.3	1920.9	1953.1	1986.7	2016.8
12.5°	1631.3	1679.1	1729.1	1780.7	1840.0	1886.9	1934.6	1970.2	2007.9	2044.6	2081.8
15°	1616.8	1673.2	1733.6	1805.4	1877.9	1930.3	1977.2	2023.5	2058.5	2100.1	2135.6
17.5°	1586.9	1659.5	1735.5	1814.0	1883.7	1944.5	1993.7	2037.8	2074.9	2120.7	2169.0
20°	1569.2	1647.7	1726.9	1810.8	1877.2	1939.7	1987.3	2032.9	2079.2	2139.0	2198.0
22.5°	1544.5	1628.4	1712.4	1792.0	1862.2	1922.4	1971.8	2027.6	2088.4	2156.2	2227.6
25°	1505.4	1592.0	1675.2	1751.0	1819.6	1881.3	1948.4	2023.5	2097.4	2186.7	2289.3
27.5°	1455.9	1539.4	1613.6	1693.8	1761.8	1840.3	1924.1	2005.5	2112.0	2234.8	2363.0
30°	1418.8	1498.1	1568.5	1644.3	1721.5	1808.1	1902.0	1998.0	2124.9	2269.2	2421.6
32.5°	1375.9	1447.6	1517.5	1590.6	1679.6	1774.8	1874.7	1992.1	2143.7	2307.8	2465.6
35°	1301.4	1365.8	1433.6	1514.8	1609.5	1712.8	1840.3	1983.3	2166.5	2343.0	2484.7
37.5°	1223.2	1274.1	1342.2	1427.8	1530.9	1650.5	1795.2	1968.9	2157.1	2315.5	2375.8
40°	1163.1	1210.7	1282.5	1372.5	1474.5	1605.4	1767.8	1946.4	2135.6	2245.7	2241.0
42.5°	1103.5	1151.7	1220.8	1311.3	1417.6	1564.1	1731.3	1916.8	2076.6	2118.5	2031.1
45°	1012.1	1057.0	1124.9	1216.2	1330.2	1483.9	1659.7	1837.6	1939.7	1871.9	1698.7
47.5°	918.9	962.6	1025.5	1114.9	1239.5	1400.3	1566.6	1712.5	1726.9	1581.2	1373.6
50°	857.7	898.7	958.4	1053.7	1174.5	1331.6	1492.0	1606.8	1571.2	1393.4	1179.2
52.5°	798.1	837.5	893.5	983.3	1106.9	1260.7	1403.9	1494.0	1411.7	1222.6	1029.9
55°	710.1	747.7	804.1	886.6	998.7	1139.6	1265.2	1298.0	1177.2	986.6	830.9
57.5°	626.5	654.0	709.7	782.7	890.8	1015.0	1105.0	1099.1	965.8	794.1	682.4
60°	571.2	596.0	649.0	716.1	818.8	930.2	993.3	966.5	831.6	689.9	582.6
62.5°	519.6	542.9	587.3	649.0	737.2	834.1	880.0	843.0	715.6	591.2	505.8
65°	441.6	458.4	494.0	551.0	620.2	687.3	728.2	673.8	561.1	467.1	402.7
67.5°	368.8	383.2	414.9	455.8	503.5	549.8	566.5	515.5	427.8	364.5	319.1
70°	321.5	334.9	356.4	394.7	426.2	459.1	467.1	421.5	348.4	300.0	271.8
72.5°	276.4	288.7	307.5	334.5	356.4	375.3	379.1	336.7	280.7	247.4	225.7
75°	210.8	221.4	233.6	243.7	257.7	261.1	259.8	226.9	196.7	174.5	162.4
77.5°	154.9	159.4	166.7	170.7	171.4	171.2	164.3	143.5	127.9	118.8	113.8
80°	119.5	122.9	124.8	126.1	126.8	120.1	112.8	100.0	94.6	89.3	83.3
82.5°	86.7	89.0	91.0	91.3	87.6	82.1	75.2	68.9	65.1	62.4	60.1
85°	47.0	47.6	47.0	43.7	38.9	36.9	35.6	34.3	33.6	32.9	32.9
87.5°	17.3	16.0	13.8	14.7	15.1	14.9	15.2	15.1	14.8	15.1	15.3
90°	3.1	5.1	7.1	9.0	10.9	12.7	14.4	16.1	17.8	19.1	20.3
92.5°	15.8	14.4	13.0	11.6	11.7	13.3	14.7	16.3	17.8	19.1	20.3
95°	62.8	62.1	61.3	60.5	55.4	46.1	36.7	27.2	17.8	19.1	20.3
97.5°	134.0	135.3	136.6	138.0	129.3	110.7	92.1	73.4	54.8	47.9	40.9
100°	186.9	187.6	188.4	189.2	190.0	191.0	192.0	193.0	194.0	157.0	120.1
102.5°	241.5	242.5	243.4	244.4	245.1	245.7	246.3	246.8	247.5	240.5	233.5
105°	328.7	329.8	330.7	331.7	332.2	332.2	332.2	332.2	332.2	332.2	332.2
107.5°	418.3	418.3	418.3	418.3	418.5	419.0	419.5	420.0	420.5	420.5	420.6
110°	477.2	477.2	477.2	477.2	477.3	477.9	478.4	478.9	479.3	478.6	477.9



TEST NUMBER: P333732-935

CATALOG NUMBER: S125RDIW-S1270D1340U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	533.0	533.6	534.2	534.8	535.3	535.5	535.8	536.1	536.4	535.5	534.5
115°	616.6	617.9	619.1	620.4	621.0	621.3	621.6	621.8	622.1	621.0	620.1
117.5°	701.1	701.1	701.0	701.0	701.5	702.4	703.4	704.3	705.2	704.0	702.7
120°	754.5	754.2	754.0	753.7	754.0	754.7	755.4	756.2	756.9	756.5	756.0
122.5°	802.9	803.8	804.8	805.7	806.4	806.8	807.1	807.4	807.8	807.3	806.8
125°	876.8	878.6	880.3	882.0	882.9	882.9	882.9	882.9	882.9	881.9	880.9
127.5°	946.2	947.4	948.6	949.9	950.4	950.2	950.1	949.9	949.8	949.3	948.7
130°	988.9	990.2	991.4	992.6	993.4	993.7	993.9	994.1	994.4	993.7	992.9
132.5°	1031.9	1033.4	1034.8	1036.2	1036.7	1036.1	1035.6	1035.1	1034.5	1034.4	1034.2
135°	1092.9	1094.3	1095.8	1097.3	1097.8	1097.3	1096.8	1096.3	1095.8	1095.4	1094.8
137.5°	1148.6	1149.9	1151.2	1152.4	1152.9	1152.4	1152.0	1151.6	1151.2	1151.2	1151.3
140°	1184.4	1184.9	1185.3	1185.9	1186.0	1185.8	1185.5	1185.3	1185.0	1185.5	1186.0
142.5°	1217.2	1217.5	1217.8	1218.1	1218.4	1218.7	1219.1	1219.4	1219.8	1219.9	1220.0
145°	1265.8	1266.3	1266.8	1267.2	1267.5	1267.5	1267.5	1267.5	1267.5	1267.7	1268.0
147.5°	1307.5	1307.4	1307.3	1307.3	1307.3	1307.6	1307.9	1308.2	1308.5	1308.8	1309.2
150°	1333.9	1333.4	1332.9	1332.4	1332.4	1332.9	1333.4	1333.9	1334.4	1334.9	1335.4
152.5°	1359.2	1358.1	1357.0	1355.9	1355.6	1356.1	1356.6	1357.1	1357.5	1358.1	1358.6
155°	1392.0	1390.5	1389.1	1387.5	1387.1	1387.5	1388.0	1388.5	1389.1	1389.7	1390.5
157.5°	1418.2	1417.3	1416.4	1415.6	1415.1	1415.1	1415.2	1415.3	1415.3	1416.1	1416.9
160°	1435.5	1434.0	1432.4	1431.0	1430.4	1430.6	1430.9	1431.2	1431.4	1432.4	1433.4
162.5°	1449.8	1448.2	1446.7	1445.3	1444.7	1444.9	1445.2	1445.4	1445.6	1447.0	1448.4
165°	1468.9	1467.4	1465.9	1464.5	1463.8	1464.0	1464.3	1464.6	1464.8	1466.3	1467.7
167.5°	1483.2	1481.6	1480.1	1478.5	1477.9	1478.1	1478.3	1478.6	1478.9	1480.7	1482.5
170°	1491.0	1489.2	1487.5	1485.7	1485.0	1485.2	1485.5	1485.7	1486.0	1488.0	1490.0
172.5°	1496.3	1494.6	1492.8	1491.1	1490.5	1490.9	1491.3	1491.8	1492.2	1494.0	1495.8
175°	1502.4	1500.9	1499.3	1497.9	1497.3	1497.5	1497.8	1498.1	1498.2	1500.2	1502.2
177.5°	1505.3	1504.2	1503.0	1501.8	1501.2	1501.5	1501.7	1501.8	1502.0	1503.5	1504.9
180°	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8



TEST NUMBER: P333732-935

CATALOG NUMBER: S125RDIW-S1270D1340U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0
2.5°	1706.3	1706.3	1715.5	1714.9	1720.9	1718.7	1719.8
5°	1834.3	1845.7	1855.8	1862.4	1872.5	1875.3	1873.9
7.5°	1966.9	1992.3	2004.6	2021.5	2024.6	2033.5	2032.6
10°	2049.1	2073.9	2092.7	2107.5	2114.8	2124.3	2124.9
12.5°	2113.5	2134.6	2151.2	2164.9	2173.9	2176.9	2178.6
15°	2163.8	2187.3	2206.7	2226.2	2237.7	2246.3	2251.1
17.5°	2214.6	2250.8	2285.2	2311.6	2327.5	2340.9	2340.7
20°	2253.8	2295.3	2338.3	2368.5	2399.4	2412.8	2414.8
22.5°	2295.6	2359.2	2414.6	2461.4	2502.0	2515.9	2521.2
25°	2382.6	2465.8	2551.1	2616.8	2663.8	2691.3	2695.4
27.5°	2487.7	2600.3	2690.0	2750.7	2789.7	2810.1	2814.6
30°	2561.8	2665.8	2746.4	2792.1	2810.1	2812.8	2802.7
32.5°	2595.1	2672.8	2705.0	2702.3	2666.8	2643.2	2634.1
35°	2554.4	2538.3	2459.8	2365.9	2294.0	2248.4	2236.3
37.5°	2324.6	2185.7	2041.3	1899.3	1823.7	1785.3	1719.2
40°	2098.1	1900.1	1749.7	1630.2	1545.0	1476.5	1460.4
42.5°	1842.5	1638.1	1487.7	1385.4	1317.3	1270.4	1250.0
45°	1480.6	1304.8	1180.6	1102.1	1049.7	1015.5	1000.1
47.5°	1184.2	1048.1	957.6	899.5	859.6	829.8	821.5
50°	1021.5	912.7	836.3	787.3	757.1	734.3	724.9
52.5°	887.3	799.5	740.7	700.3	671.7	657.5	649.7
55°	732.2	656.4	614.2	581.9	565.8	554.4	549.0
57.5°	598.8	544.1	513.2	490.9	476.0	468.7	466.1
60°	524.2	481.2	453.1	435.6	425.5	416.1	413.5
62.5°	458.1	424.3	402.6	387.3	377.2	373.2	371.5
65°	369.1	347.0	330.9	321.5	313.4	312.1	311.4
67.5°	293.4	280.4	272.0	262.2	259.3	254.6	253.7
70°	251.0	242.3	232.2	228.9	225.5	220.8	221.4
72.5°	212.9	204.1	197.3	192.9	191.7	189.7	191.4
75°	155.7	153.0	150.3	147.0	145.7	145.7	145.0
77.5°	111.2	108.8	105.9	103.9	103.5	100.7	101.8
80°	80.5	77.1	75.9	76.5	74.5	73.8	73.8
82.5°	59.6	58.4	57.1	57.2	56.7	56.1	56.7
85°	32.9	32.2	32.2	31.5	31.5	30.9	30.9
87.5°	16.1	16.9	16.0	15.7	15.8	16.4	17.1
90°	21.5	22.8	23.8	24.5	25.2	26.0	26.8
92.5°	21.5	22.8	23.6	23.9	24.3	24.6	25.0
95°	21.5	22.8	23.4	23.4	23.4	23.4	23.4
97.5°	33.9	26.9	23.4	23.4	23.4	23.4	23.4
100°	83.3	46.3	27.4	26.3	25.4	24.4	23.4
102.5°	226.5	219.6	207.6	190.8	173.9	157.0	140.3
105°	332.2	332.2	332.1	331.8	331.6	331.3	331.1
107.5°	420.7	420.7	420.3	419.6	418.9	418.1	417.4
110°	477.2	476.4	476.1	476.4	476.6	476.9	477.2



TEST NUMBER: P333732-935

CATALOG NUMBER: S125RDIW-S1270D1340U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	533.6	532.7	532.0	531.7	531.3	531.0	530.6
115°	619.1	618.1	616.8	615.4	613.9	612.3	610.9
117.5°	701.4	700.1	699.0	698.4	697.8	697.2	696.5
120°	755.4	754.9	754.1	752.9	751.6	750.4	749.2
122.5°	806.2	805.8	804.8	803.4	801.9	800.5	799.1
125°	879.9	878.9	878.0	877.4	876.6	875.8	875.1
127.5°	948.1	947.6	946.4	944.6	942.8	940.9	939.1
130°	992.1	991.4	990.4	989.2	987.9	986.7	985.5
132.5°	1034.1	1033.9	1033.2	1032.0	1030.8	1029.5	1028.3
135°	1094.3	1093.8	1092.9	1091.4	1089.9	1088.4	1086.9
137.5°	1151.4	1151.5	1150.9	1149.6	1148.3	1147.0	1145.7
140°	1186.5	1187.0	1186.5	1185.0	1183.5	1182.1	1180.5
142.5°	1220.1	1220.2	1219.5	1218.0	1216.5	1215.0	1213.6
145°	1268.3	1268.5	1267.9	1266.4	1264.9	1263.4	1262.0
147.5°	1309.4	1309.8	1309.0	1307.2	1305.4	1303.6	1301.8
150°	1335.8	1336.4	1335.6	1333.6	1331.6	1329.6	1327.7
152.5°	1359.1	1359.5	1358.9	1357.1	1355.4	1353.6	1351.8
155°	1391.2	1392.0	1391.4	1389.4	1387.4	1385.4	1383.5
157.5°	1417.7	1418.5	1417.9	1415.9	1413.9	1412.0	1410.0
160°	1434.3	1435.4	1434.9	1432.9	1430.9	1428.9	1426.9
162.5°	1449.8	1451.2	1450.8	1448.6	1446.4	1444.2	1442.1
165°	1469.3	1470.8	1470.5	1468.5	1466.5	1464.6	1462.6
167.5°	1484.2	1486.0	1485.7	1483.5	1481.4	1479.1	1476.9
170°	1491.9	1493.9	1493.8	1491.6	1489.4	1487.1	1484.9
172.5°	1497.6	1499.3	1499.2	1496.9	1494.7	1492.5	1490.2
175°	1504.2	1506.1	1506.1	1503.8	1501.6	1499.3	1497.1
177.5°	1506.2	1507.6	1507.5	1505.9	1504.3	1502.7	1501.2
180°	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8

(END OF REPORT)