

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: P333629-930

Luminaire Tested: **S125RDIP-S1270D1035U930-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333629-930
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-11,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S125RDIP-S1270D1035U930-4F0-1E-UDD-A1
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1270 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 1035 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6931.9 lumens
Efficiency: N/A
Efficacy: 103.8 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

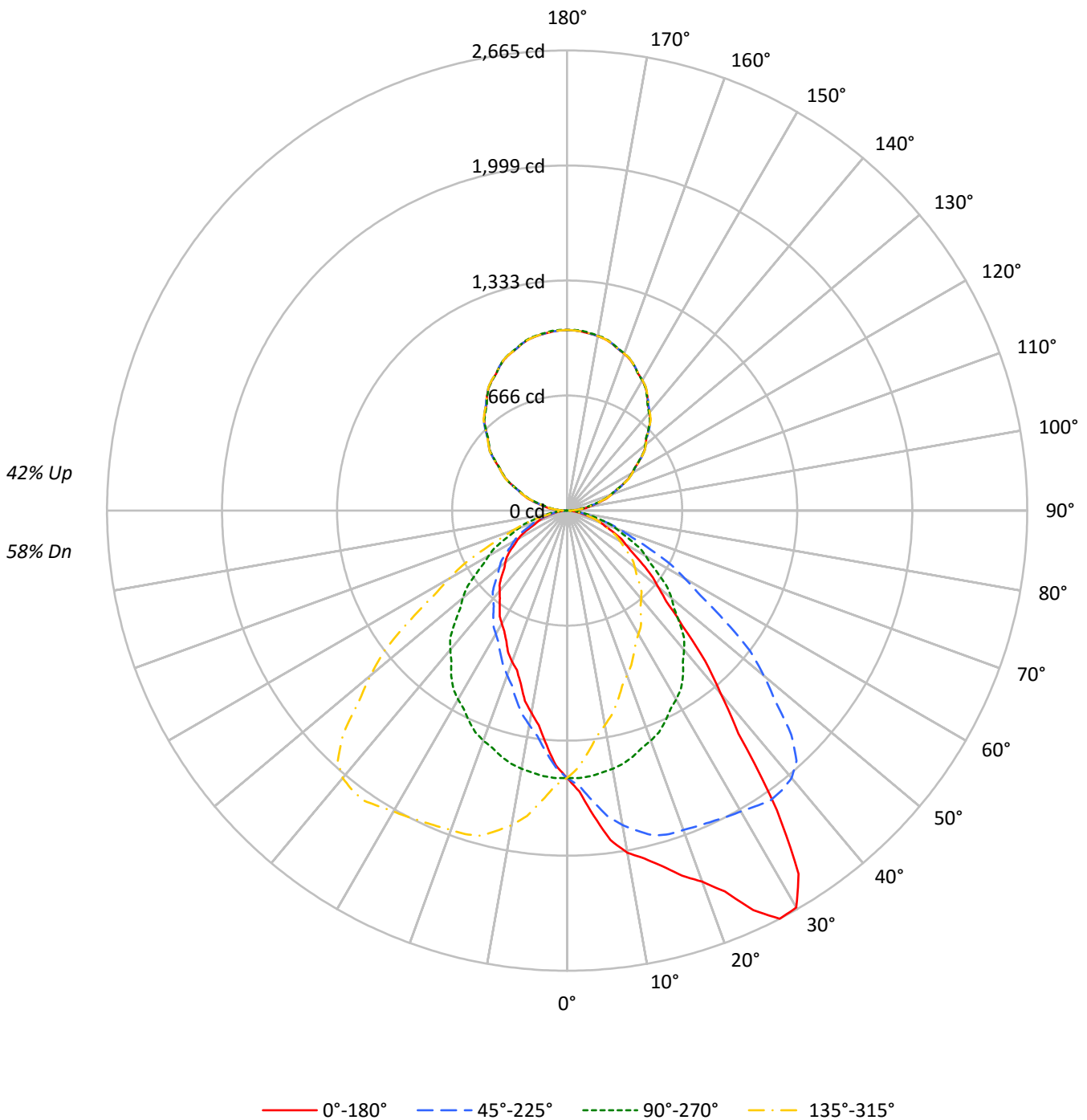
Input Watts (W): 66.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





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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	0
RCR																		
0	109	109	109	109	102	102	102	102	88	88	88	75	75	75	63	63	63	58
1	100	96	92	89	93	90	86	83	78	75	73	67	65	64	57	56	55	50
2	91	84	78	73	85	79	74	69	69	65	61	59	56	54	51	48	47	42
3	84	74	67	62	78	70	63	58	61	56	52	53	49	46	45	42	40	36
4	77	66	58	52	71	62	55	50	54	49	45	47	43	40	41	37	35	32
5	71	59	51	45	66	56	48	43	49	43	39	43	38	35	37	33	31	28
6	65	53	45	39	61	50	43	38	44	38	34	39	34	31	33	30	27	24
7	60	48	40	35	56	45	38	33	40	34	30	35	31	27	31	27	24	22
8	56	44	36	31	52	41	34	29	37	31	27	32	28	24	28	24	22	19
9	52	40	33	27	49	38	31	26	34	28	24	30	25	22	26	22	20	18
10	49	37	30	25	46	35	28	24	31	26	22	27	23	20	24	20	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9999	9999	9999	9999
5°	11503	10012	8842	10012
10°	13195	9961	7802	9961
15°	14252	9859	6935	9859
20°	15716	9740	6403	9740
25°	18188	9583	5942	9583
30°	19792	9417	5640	9417
35°	16696	9224	5361	9224
40°	11659	8878	5123	8878
45°	8649	8411	4887	8411
50°	6897	7924	4687	7924
55°	5853	7320	4508	7320
60°	5057	6781	4220	6781
65°	4507	6195	3632	6195
70°	3960	5676	3312	5676
75°	3426	4916	3109	4916
80°	2600	4136	2600	4136
85°	2171	3253	2445	3253



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	148.5	2.1
10°-20°	435.1	6.3
20°-30°	689.8	10.0
30°-40°	831.9	12.0
40°-50°	742.9	10.7
50°-60°	569.7	8.2
60°-70°	370.2	5.3
70°-80°	180.0	2.6
80°-90°	45.2	0.7
90°-100°	70.1	1.0
100°-110°	206.9	3.0
110°-120°	350.4	5.1
120°-130°	461.1	6.7
130°-140°	516.7	7.5
140°-150°	506.4	7.3
150°-160°	425.3	6.1
160°-170°	282.7	4.1
170°-180°	98.9	1.4
0°-30°	1273.4	18.4
0°-40°	2105.3	30.4
0°-60°	3417.9	49.3
0°-90°	4013.3	57.9
90°-120°	627.3	9.0
90°-150°	2111.6	30.5
90°-180°	2919.0	42.1
0°-180°	6931.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1548	1548	1548	1548	1548	
5°	1774	1544	1364	1544	1774	177
15°	2132	1474	1037	1474	2132	611
25°	2552	1345	834	1345	2552	1172
35°	2118	1170	680	1170	2118	1279
45°	947	921	535	921	947	756
55°	520	650	400	650	520	472
65°	295	405	238	405	295	293
75°	137	197	125	197	137	146
85°	29	44	33	44	29	34
90°	20	1	20	1	20	13
95°	70	53	70	53	70	71
105°	202	186	202	186	202	214
115°	354	351	354	351	354	350
125°	515	512	515	512	515	460
135°	668	666	668	666	668	515
145°	810	807	810	807	810	506
155°	923	923	923	923	923	425
165°	1001	1004	1001	1004	1001	282
175°	1039	1044	1039	1044	1039	99
180°	1046	1046	1046	1046	1046	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2
2.5°	1628.5	1627.5	1629.5	1623.9	1624.4	1615.8	1615.8	1609.2	1600.5	1593.9	1590.9
5°	1774.4	1775.7	1773.1	1763.6	1757.3	1747.8	1736.9	1717.8	1701.9	1686.7	1674.6
7.5°	1924.7	1925.6	1917.2	1914.2	1898.2	1886.5	1862.5	1836.5	1813.6	1784.4	1761.9
10°	2012.1	2011.5	2002.5	1995.6	1981.6	1963.8	1940.3	1909.8	1881.2	1849.4	1818.9
12.5°	2063.0	2061.3	2058.5	2050.0	2037.0	2021.3	2001.3	1971.3	1936.1	1901.3	1865.6
15°	2131.6	2127.1	2118.9	2108.0	2089.6	2071.2	2048.9	2022.3	1988.6	1949.2	1916.1
17.5°	2216.5	2216.6	2203.9	2188.9	2163.9	2131.4	2097.0	2053.9	2008.2	1964.8	1929.7
20°	2286.7	2284.7	2272.1	2242.8	2214.2	2173.5	2134.1	2081.4	2025.4	1968.9	1925.0
22.5°	2387.4	2382.4	2369.2	2330.8	2286.4	2234.0	2173.8	2109.3	2041.8	1977.5	1919.9
25°	2552.3	2548.5	2522.5	2477.9	2415.7	2334.9	2256.2	2167.8	2070.6	1986.1	1916.1
27.5°	2665.2	2661.0	2641.7	2604.7	2547.2	2462.3	2355.6	2237.6	2116.2	1999.9	1899.1
30°	2654.0	2663.5	2661.0	2643.9	2600.6	2524.3	2425.8	2293.0	2148.7	2012.1	1892.0
32.5°	2494.3	2502.9	2525.2	2558.9	2561.4	2530.9	2457.4	2334.7	2185.3	2029.9	1886.4
35°	2117.6	2129.1	2172.3	2240.3	2329.2	2403.6	2418.8	2352.8	2218.7	2051.5	1878.0
37.5°	1628.0	1690.5	1726.9	1798.5	1932.9	2069.7	2201.2	2249.7	2192.6	2042.7	1864.4
40°	1382.9	1398.2	1463.0	1543.7	1656.9	1799.2	1986.7	2122.1	2126.5	2022.3	1843.1
42.5°	1183.7	1203.0	1247.4	1311.9	1408.8	1551.1	1744.7	1923.3	2006.0	1966.3	1815.1
45°	947.0	961.6	994.0	1043.6	1117.9	1235.5	1402.0	1608.5	1772.5	1836.7	1740.1
47.5°	777.9	785.8	814.0	851.7	906.8	992.5	1121.4	1300.6	1497.3	1635.2	1621.6
50°	686.4	695.3	716.9	745.5	791.9	864.3	967.3	1116.6	1319.4	1487.8	1521.5
52.5°	615.2	622.6	636.0	663.1	701.4	757.1	840.2	975.3	1157.7	1336.8	1414.7
55°	519.8	525.0	535.7	551.0	581.6	621.6	693.3	786.8	934.3	1114.8	1229.1
57.5°	441.3	443.8	450.7	464.8	485.9	515.2	567.0	646.2	752.0	914.5	1040.7
60°	391.5	394.0	402.9	412.5	429.0	455.7	496.4	551.6	653.3	787.4	915.2
62.5°	351.8	353.4	357.2	366.7	381.2	401.8	433.8	478.9	559.8	677.6	798.3
65°	294.9	295.5	296.8	304.4	313.3	328.6	349.5	381.3	442.3	531.3	638.1
67.5°	240.3	241.1	245.6	248.3	257.6	265.5	277.9	302.1	345.1	405.1	488.1
70°	209.7	209.1	213.5	216.7	219.9	229.4	237.7	257.4	284.1	329.9	399.1
72.5°	181.2	179.6	181.5	182.6	186.9	193.3	201.6	213.7	234.2	265.8	318.8
75°	137.3	137.9	137.9	139.2	142.4	144.9	147.4	153.8	165.3	186.2	214.8
77.5°	96.4	95.3	98.0	98.4	100.3	103.1	105.3	107.8	112.5	121.2	135.9
80°	69.9	69.9	70.5	72.5	71.8	73.1	76.2	78.8	84.5	89.6	94.7
82.5°	53.6	53.2	53.7	54.1	54.1	55.3	56.4	56.9	59.1	61.6	65.2
85°	29.3	29.3	29.8	29.8	30.5	30.5	31.1	31.1	31.1	31.8	32.4
87.5°	15.1	14.5	13.9	13.8	14.2	15.0	14.3	13.6	13.5	13.3	13.5
90°	19.6	19.0	18.4	17.9	17.4	16.6	15.7	14.8	13.9	13.0	11.7
92.5°	38.4	38.0	37.6	37.3	36.9	36.0	34.8	33.7	32.4	31.2	29.7
95°	70.0	69.6	69.3	68.9	68.6	67.8	66.4	65.2	63.9	62.7	60.9
97.5°	106.2	105.9	105.7	105.5	105.3	104.6	103.4	102.2	101.0	99.8	97.3
100°	133.5	133.1	132.7	132.4	132.1	131.0	129.4	127.8	126.1	124.5	122.2
102.5°	160.9	160.4	159.8	159.3	158.8	157.7	155.9	154.1	152.4	150.6	149.4
105°	201.9	201.3	200.8	200.2	199.7	198.9	197.8	196.7	195.6	194.5	193.5
107.5°	243.9	243.9	243.9	243.9	244.0	243.8	243.2	242.6	242.1	241.6	240.8
110°	275.1	275.3	275.5	275.7	275.8	275.7	275.1	274.6	274.0	273.5	273.0



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	305.7	306.1	306.4	306.7	307.0	307.0	306.8	306.6	306.3	306.1	305.3
115°	354.1	354.2	354.4	354.6	354.8	355.0	355.1	355.3	355.6	355.7	355.3
117.5°	401.3	402.0	402.8	403.4	404.1	404.5	404.3	404.1	404.1	403.9	403.6
120°	433.8	434.6	435.3	436.0	436.8	437.1	437.1	437.1	437.1	437.1	436.9
122.5°	466.4	467.0	467.6	468.1	468.7	469.0	469.2	469.4	469.5	469.6	469.2
125°	515.3	515.4	515.6	515.8	515.9	516.2	516.6	517.0	517.3	517.7	517.5
127.5°	562.1	562.5	562.8	563.2	563.5	563.9	564.0	564.2	564.4	564.6	564.4
130°	593.4	593.7	594.1	594.4	594.8	595.1	595.3	595.4	595.7	595.8	595.4
132.5°	622.6	623.2	623.7	624.2	624.7	625.0	625.3	625.4	625.6	625.7	625.8
135°	668.2	669.0	669.7	670.4	671.2	671.5	671.5	671.5	671.5	671.5	671.3
137.5°	712.9	713.8	714.7	715.6	716.5	716.8	716.6	716.4	716.2	715.9	715.6
140°	741.5	742.4	743.3	744.2	745.1	745.4	745.0	744.7	744.3	744.0	743.4
142.5°	768.8	769.8	770.7	771.6	772.5	772.8	772.6	772.4	772.2	771.9	771.3
145°	809.9	810.4	811.0	811.5	812.0	812.4	812.4	812.4	812.4	812.4	811.8
147.5°	844.9	846.1	847.3	848.6	849.8	850.2	849.8	849.3	848.9	848.5	848.0
150°	870.9	871.3	871.6	872.0	872.4	872.5	872.5	872.5	872.5	872.5	871.8
152.5°	892.4	893.1	893.7	894.4	895.0	895.1	894.7	894.3	893.8	893.4	893.1
155°	923.0	923.9	924.8	925.8	926.7	926.8	926.0	925.3	924.5	923.8	923.7
157.5°	948.6	949.7	951.0	952.2	953.3	953.6	952.8	952.1	951.5	950.7	950.6
160°	966.1	967.1	968.0	968.9	969.8	969.9	969.1	968.4	967.7	966.9	966.8
162.5°	981.1	982.2	983.3	984.3	985.4	985.5	984.6	983.7	982.8	981.9	981.9
165°	1001.2	1002.2	1003.3	1004.4	1005.5	1005.7	1004.9	1004.2	1003.6	1002.8	1002.6
167.5°	1017.1	1018.2	1019.4	1020.5	1021.6	1021.7	1020.5	1019.5	1018.4	1017.2	1017.2
170°	1025.6	1026.9	1028.1	1029.4	1030.6	1030.7	1029.6	1028.6	1027.5	1026.4	1026.4
172.5°	1032.7	1033.9	1035.0	1036.1	1037.2	1037.2	1036.2	1035.1	1034.0	1032.9	1032.9
175°	1039.4	1040.6	1042.0	1043.3	1044.5	1044.6	1043.5	1042.4	1041.3	1040.2	1040.2
177.5°	1043.3	1044.3	1045.4	1046.4	1047.4	1047.4	1046.6	1045.7	1044.9	1044.0	1044.2
180°	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2
2.5°	1590.9	1587.3	1580.7	1574.6	1567.0	1560.4	1555.8	1550.2	1543.1	1534.5	1527.3
5°	1661.3	1647.3	1628.9	1613.0	1592.7	1576.8	1560.2	1544.3	1528.4	1508.1	1490.4
7.5°	1739.4	1710.5	1682.4	1647.1	1615.0	1586.4	1558.9	1531.1	1503.9	1475.0	1447.2
10°	1787.1	1752.2	1713.4	1668.9	1628.2	1589.5	1553.9	1518.9	1482.1	1449.7	1414.7
12.5°	1831.9	1786.7	1742.4	1686.2	1637.4	1590.0	1544.7	1501.1	1461.8	1419.7	1382.2
15°	1872.3	1827.8	1778.2	1709.6	1641.6	1584.4	1531.0	1474.5	1425.5	1378.5	1336.5
17.5°	1887.9	1841.3	1783.7	1717.8	1643.4	1571.4	1502.7	1440.6	1383.1	1328.3	1281.1
20°	1881.8	1836.7	1777.6	1714.7	1635.2	1560.2	1485.9	1417.2	1353.1	1295.2	1245.0
22.5°	1867.1	1820.4	1763.3	1696.9	1621.5	1542.0	1462.5	1389.3	1322.0	1262.2	1207.4
25°	1844.9	1781.4	1723.0	1658.1	1586.3	1507.5	1425.5	1344.8	1273.0	1211.9	1152.3
27.5°	1821.9	1742.6	1668.3	1603.9	1528.0	1457.7	1378.6	1295.8	1220.3	1158.2	1096.9
30°	1801.1	1712.1	1630.1	1557.1	1485.2	1418.5	1343.5	1262.8	1185.3	1121.1	1058.8
32.5°	1775.2	1680.6	1590.5	1506.2	1437.0	1370.8	1302.8	1225.7	1150.2	1083.9	1020.7
35°	1742.6	1621.9	1524.0	1434.4	1357.5	1293.3	1232.3	1170.0	1094.4	1025.7	964.1
37.5°	1699.9	1562.9	1449.7	1352.0	1271.0	1206.5	1158.3	1101.4	1032.3	966.6	909.5
40°	1674.0	1520.2	1396.3	1299.7	1214.5	1146.5	1101.4	1053.1	990.2	928.5	871.3
42.5°	1639.4	1481.1	1342.4	1241.7	1156.0	1090.5	1045.0	1002.7	950.0	891.9	830.6
45°	1571.7	1405.2	1259.6	1151.6	1065.2	1000.9	958.4	920.9	880.8	827.4	774.0
47.5°	1483.4	1326.0	1173.7	1055.7	971.1	911.5	870.2	840.6	812.0	766.5	714.7
50°	1412.8	1260.9	1112.1	997.8	907.5	851.0	812.2	788.7	762.6	721.3	678.1
52.5°	1329.4	1193.8	1048.1	931.2	846.0	793.0	755.8	732.3	710.8	677.1	635.9
55°	1198.0	1079.1	945.7	839.5	761.4	708.0	672.4	650.1	637.5	608.9	576.4
57.5°	1046.4	961.2	843.5	741.2	672.1	619.3	593.2	574.3	559.9	539.7	516.8
60°	940.6	880.8	775.3	678.1	614.6	564.4	540.9	525.0	511.6	494.5	476.6
62.5°	833.3	789.9	698.1	614.6	556.1	514.0	492.0	477.7	462.3	450.7	433.4
65°	689.6	650.8	587.3	521.8	467.7	434.1	418.2	405.4	395.9	383.2	371.1
67.5°	536.4	520.7	476.8	431.6	392.9	362.9	349.2	340.3	328.8	321.2	312.9
70°	442.3	434.7	403.6	373.7	337.5	317.2	304.4	300.6	286.7	279.0	273.3
72.5°	359.0	355.4	337.5	316.7	291.2	273.4	261.7	257.4	248.5	242.4	238.7
75°	246.0	247.2	244.0	230.7	221.2	209.7	199.6	197.0	190.7	185.6	182.4
77.5°	155.6	162.1	162.3	161.7	157.8	150.9	146.7	144.8	138.5	136.6	135.9
80°	106.8	113.7	120.1	119.4	118.2	116.3	113.2	111.2	108.0	106.2	104.8
82.5°	71.2	77.7	83.0	86.4	86.2	84.3	82.1	81.2	80.6	79.2	78.9
85°	33.7	35.0	36.9	41.3	44.5	45.1	44.5	43.9	41.9	42.6	43.2
87.5°	13.8	13.5	13.8	13.5	12.7	15.0	16.2	16.5	15.7	15.0	14.3
90°	10.5	9.2	8.0	6.6	5.1	3.7	2.3	0.8	2.3	3.7	5.1
92.5°	28.1	26.6	25.0	23.7	22.7	21.7	20.7	19.7	20.7	21.7	22.7
95°	59.0	57.2	55.4	54.4	54.0	53.6	53.2	52.9	53.2	53.6	54.0
97.5°	94.8	92.3	89.8	88.5	88.4	88.2	88.1	87.9	88.1	88.2	88.4
100°	119.8	117.5	115.1	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0
102.5°	148.2	147.0	145.8	144.9	144.1	143.4	142.7	141.9	142.7	143.4	144.1
105°	192.3	191.3	190.2	189.2	188.3	187.4	186.5	185.6	186.5	187.4	188.3
107.5°	239.9	239.0	238.2	237.4	236.5	235.5	234.6	233.7	234.6	235.5	236.5
110°	272.4	271.8	271.3	270.6	269.7	268.8	267.9	267.0	267.9	268.8	269.7



TEST NUMBER: P333629-930

CATALOG NUMBER: S125RDIP-S1270D1035U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	304.7	304.0	303.3	302.7	302.2	301.7	301.3	300.8	301.3	301.7	302.2
115°	355.0	354.6	354.2	353.7	353.0	352.3	351.6	350.8	351.6	352.3	353.0
117.5°	403.2	402.9	402.6	402.3	401.9	401.6	401.3	401.0	401.3	401.6	401.9
120°	436.8	436.5	436.3	435.9	435.0	434.0	433.1	432.2	433.1	434.0	435.0
122.5°	468.7	468.2	467.7	467.4	467.1	466.8	466.4	466.1	466.4	466.8	467.1
125°	517.3	517.1	517.0	516.3	515.3	514.1	513.1	512.0	513.1	514.1	515.3
127.5°	564.1	563.9	563.7	563.3	562.6	562.1	561.4	560.8	561.4	562.1	562.6
130°	595.1	594.8	594.4	593.7	592.8	591.9	591.0	590.1	591.0	591.9	592.8
132.5°	625.9	626.0	626.1	625.3	623.9	622.4	620.9	619.4	620.9	622.4	623.9
135°	671.2	671.0	670.8	670.2	669.0	668.0	666.9	665.9	666.9	668.0	669.0
137.5°	715.2	714.8	714.4	713.6	712.6	711.5	710.5	709.5	710.5	711.5	712.6
140°	742.9	742.3	741.8	741.0	740.1	739.2	738.3	737.4	738.3	739.2	740.1
142.5°	770.6	769.9	769.2	768.5	767.7	767.0	766.2	765.4	766.2	767.0	767.7
145°	811.2	810.7	810.2	809.5	808.8	808.0	807.4	806.7	807.4	808.0	808.8
147.5°	847.6	847.2	846.8	846.3	846.0	845.5	845.1	844.7	845.1	845.5	846.0
150°	871.1	870.4	869.7	869.4	869.6	869.8	869.9	870.1	869.9	869.8	869.6
152.5°	892.8	892.5	892.3	891.9	891.7	891.4	891.2	891.0	891.2	891.4	891.7
155°	923.5	923.3	923.1	923.0	923.0	923.0	923.0	923.0	923.0	923.0	923.0
157.5°	950.3	950.1	950.0	950.1	950.5	950.9	951.3	951.7	951.3	950.9	950.5
160°	966.6	966.5	966.3	966.5	966.9	967.5	968.1	968.6	968.1	967.5	966.9
162.5°	981.9	981.9	981.8	982.0	982.4	982.8	983.2	983.6	983.2	982.8	982.4
165°	1002.4	1002.2	1002.1	1002.2	1002.5	1002.9	1003.2	1003.6	1003.2	1002.9	1002.5
167.5°	1017.2	1017.2	1017.2	1017.7	1018.4	1019.1	1019.8	1020.5	1019.8	1019.1	1018.4
170°	1026.4	1026.4	1026.4	1026.8	1027.5	1028.2	1028.9	1029.6	1028.9	1028.2	1027.5
172.5°	1032.9	1032.9	1032.9	1033.3	1034.0	1034.7	1035.4	1036.2	1035.4	1034.7	1034.0
175°	1040.2	1040.2	1040.2	1040.6	1041.3	1042.0	1042.8	1043.5	1042.8	1042.0	1041.3
177.5°	1044.2	1044.4	1044.6	1044.9	1045.5	1046.1	1046.7	1047.3	1046.7	1046.1	1045.5
180°	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9



TEST NUMBER: P333629-930

CATALOG NUMBER: S125RDIP-S1270D1035U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2
2.5°	1522.2	1515.2	1510.0	1499.8	1492.7	1489.7	1484.1	1482.5	1488.2	1484.1	1483.6
5°	1477.0	1458.6	1444.0	1429.3	1413.4	1403.3	1388.0	1385.4	1381.7	1375.9	1374.7
7.5°	1422.7	1398.7	1379.9	1355.8	1334.7	1317.8	1298.8	1289.7	1284.8	1277.4	1267.5
10°	1386.1	1357.5	1332.1	1307.9	1281.9	1260.9	1241.9	1227.2	1217.6	1208.8	1205.0
12.5°	1350.0	1320.9	1288.3	1259.1	1230.0	1206.5	1185.4	1175.9	1165.3	1154.9	1146.0
15°	1294.0	1255.2	1219.6	1185.9	1161.1	1135.7	1115.3	1101.4	1085.5	1081.1	1063.9
17.5°	1234.4	1196.5	1154.8	1119.3	1090.5	1062.6	1040.2	1024.3	1012.4	996.1	988.1
20°	1197.3	1152.3	1111.6	1079.1	1047.3	1014.3	991.4	978.1	966.6	953.3	947.0
22.5°	1157.7	1113.6	1071.9	1033.9	1001.6	969.1	952.8	939.0	925.9	913.6	905.2
25°	1099.5	1055.0	1011.1	971.8	938.1	914.5	895.4	879.5	872.6	860.5	851.6
27.5°	1041.9	994.6	949.1	909.8	883.4	860.1	844.5	831.9	819.3	808.8	801.0
30°	1004.8	956.5	906.9	875.8	847.8	825.6	808.4	796.3	786.8	777.2	771.5
32.5°	967.7	917.9	873.8	840.2	813.8	794.5	776.9	765.3	755.3	744.7	738.0
35°	908.2	857.4	821.7	788.7	762.6	744.9	732.8	716.2	708.0	700.3	693.3
37.5°	852.9	805.6	767.1	738.1	715.5	697.8	682.2	673.3	663.1	656.2	650.4
40°	812.2	769.0	734.0	703.5	687.1	667.3	652.7	641.2	633.7	624.8	618.4
42.5°	775.6	735.5	701.5	674.1	653.5	636.8	622.7	611.2	601.6	595.3	589.9
45°	723.9	683.9	650.8	625.3	606.3	590.4	575.8	570.1	557.3	549.8	547.2
47.5°	670.3	634.5	602.6	579.2	559.6	544.6	530.9	519.3	512.3	504.8	500.7
50°	634.3	600.0	570.1	547.2	528.2	511.6	498.9	491.3	481.8	474.7	469.7
52.5°	598.2	566.4	536.5	514.6	498.1	481.6	467.4	459.7	450.7	446.3	442.7
55°	546.6	512.9	487.5	465.9	448.7	433.4	420.1	412.5	406.8	402.3	401.0
57.5°	488.1	461.4	437.7	418.3	400.5	386.1	374.5	367.2	362.2	361.5	357.7
60°	450.0	425.8	404.2	383.2	367.9	354.7	344.5	336.2	331.1	330.4	329.2
62.5°	411.8	388.7	368.6	350.2	336.5	323.6	314.0	304.7	301.7	298.5	295.6
65°	355.2	334.3	317.8	303.1	288.5	277.7	268.2	262.4	255.5	251.7	244.7
67.5°	299.7	283.5	267.6	255.3	243.8	233.5	225.6	217.1	212.4	209.4	204.2
70°	263.1	250.4	234.5	221.2	212.3	204.0	197.6	188.1	184.9	182.4	179.9
72.5°	228.5	217.4	204.0	193.2	184.3	176.5	169.2	164.7	161.6	159.0	157.5
75°	179.9	169.1	157.6	150.0	143.7	137.3	133.5	130.3	129.0	128.4	125.8
77.5°	132.1	126.4	117.2	111.1	106.9	104.4	100.9	99.3	99.1	96.4	95.5
80°	101.0	97.8	90.3	87.7	84.5	82.0	80.1	76.9	73.7	72.5	70.5
82.5°	75.1	71.9	68.9	64.8	62.1	60.7	58.7	57.6	58.0	56.2	55.3
85°	40.0	36.9	35.6	35.0	33.7	35.0	34.3	33.7	33.0	32.4	33.0
87.5°	14.0	14.3	14.0	15.3	14.0	14.8	15.0	14.7	14.8	15.0	14.7
90°	6.6	8.0	9.2	10.5	11.7	13.0	13.9	14.8	15.7	16.6	17.4
92.5°	23.7	25.0	26.6	28.1	29.7	31.2	32.4	33.7	34.8	36.0	36.9
95°	54.4	55.4	57.2	59.0	60.9	62.7	63.9	65.2	66.4	67.8	68.6
97.5°	88.5	89.8	92.3	94.8	97.3	99.8	101.0	102.2	103.4	104.6	105.3
100°	114.0	115.1	117.5	119.8	122.2	124.5	126.1	127.8	129.4	131.0	132.1
102.5°	144.9	145.8	147.0	148.2	149.4	150.6	152.4	154.1	155.9	157.7	158.8
105°	189.2	190.2	191.3	192.3	193.5	194.5	195.6	196.7	197.8	198.9	199.7
107.5°	237.4	238.2	239.0	239.9	240.8	241.6	242.1	242.6	243.2	243.8	244.0
110°	270.6	271.3	271.8	272.4	273.0	273.5	274.0	274.6	275.1	275.7	275.8



TEST NUMBER: P333629-930

CATALOG NUMBER: S125RDIP-S1270D1035U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	302.7	303.3	304.0	304.7	305.3	306.1	306.3	306.6	306.8	307.0	307.0
115°	353.7	354.2	354.6	355.0	355.3	355.7	355.6	355.3	355.1	355.0	354.8
117.5°	402.3	402.6	402.9	403.2	403.6	403.9	404.1	404.1	404.3	404.5	404.1
120°	435.9	436.3	436.5	436.8	436.9	437.1	437.1	437.1	437.1	437.1	436.8
122.5°	467.4	467.7	468.2	468.7	469.2	469.6	469.5	469.4	469.2	469.0	468.7
125°	516.3	517.0	517.1	517.3	517.5	517.7	517.3	517.0	516.6	516.2	515.9
127.5°	563.3	563.7	563.9	564.1	564.4	564.6	564.4	564.2	564.0	563.9	563.5
130°	593.7	594.4	594.8	595.1	595.4	595.8	595.7	595.4	595.3	595.1	594.8
132.5°	625.3	626.1	626.0	625.9	625.8	625.7	625.6	625.4	625.3	625.0	624.7
135°	670.2	670.8	671.0	671.2	671.3	671.5	671.5	671.5	671.5	671.5	671.2
137.5°	713.6	714.4	714.8	715.2	715.6	715.9	716.2	716.4	716.6	716.8	716.5
140°	741.0	741.8	742.3	742.9	743.4	744.0	744.3	744.7	745.0	745.4	745.1
142.5°	768.5	769.2	769.9	770.6	771.3	771.9	772.2	772.4	772.6	772.8	772.5
145°	809.5	810.2	810.7	811.2	811.8	812.4	812.4	812.4	812.4	812.4	812.0
147.5°	846.3	846.8	847.2	847.6	848.0	848.5	848.9	849.3	849.8	850.2	849.8
150°	869.4	869.7	870.4	871.1	871.8	872.5	872.5	872.5	872.5	872.5	872.4
152.5°	891.9	892.3	892.5	892.8	893.1	893.4	893.8	894.3	894.7	895.1	895.0
155°	923.0	923.1	923.3	923.5	923.7	923.8	924.5	925.3	926.0	926.8	926.7
157.5°	950.1	950.0	950.1	950.3	950.6	950.7	951.5	952.1	952.8	953.6	953.3
160°	966.5	966.3	966.5	966.6	966.8	966.9	967.7	968.4	969.1	969.9	969.8
162.5°	982.0	981.8	981.9	981.9	981.9	981.9	982.8	983.7	984.6	985.5	985.4
165°	1002.2	1002.1	1002.2	1002.4	1002.6	1002.8	1003.6	1004.2	1004.9	1005.7	1005.5
167.5°	1017.7	1017.2	1017.2	1017.2	1017.2	1017.2	1018.4	1019.5	1020.5	1021.7	1021.6
170°	1026.8	1026.4	1026.4	1026.4	1026.4	1026.4	1027.5	1028.6	1029.6	1030.7	1030.6
172.5°	1033.3	1032.9	1032.9	1032.9	1032.9	1032.9	1034.0	1035.1	1036.2	1037.2	1037.2
175°	1040.6	1040.2	1040.2	1040.2	1040.2	1040.2	1041.3	1042.4	1043.5	1044.6	1044.5
177.5°	1044.9	1044.6	1044.4	1044.2	1044.2	1044.0	1044.9	1045.7	1046.6	1047.4	1047.4
180°	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9



TEST NUMBER: P333629-930

CATALOG NUMBER: S125RDIP-S1270D1035U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2
2.5°	1483.1	1477.5	1475.9	1478.0	1475.9	1477.5	1483.1	1483.6	1484.1	1488.2	1482.5
5°	1368.3	1362.0	1365.1	1363.8	1365.1	1362.0	1368.3	1374.7	1375.9	1381.7	1385.4
7.5°	1267.4	1259.5	1251.1	1253.8	1251.1	1259.5	1267.4	1267.5	1277.4	1284.8	1289.7
10°	1196.7	1190.3	1186.5	1189.7	1186.5	1190.3	1196.7	1205.0	1208.8	1217.6	1227.2
12.5°	1137.3	1133.4	1130.1	1128.7	1130.1	1133.4	1137.3	1146.0	1154.9	1165.3	1175.9
15°	1056.2	1048.6	1045.5	1037.2	1045.5	1048.6	1056.2	1063.9	1081.1	1085.5	1101.4
17.5°	981.6	979.1	970.9	967.3	970.9	979.1	981.6	988.1	996.1	1012.4	1024.3
20°	937.4	934.9	926.6	931.7	926.6	934.9	937.4	947.0	953.3	966.6	978.1
22.5°	900.8	895.2	892.5	891.0	892.5	895.2	900.8	905.2	913.6	925.9	939.0
25°	849.1	840.8	837.6	833.8	837.6	840.8	849.1	851.6	860.5	872.6	879.5
27.5°	797.4	793.0	788.8	787.8	788.8	793.0	797.4	801.0	808.8	819.3	831.9
30°	763.9	759.5	756.3	756.3	756.3	759.5	763.9	771.5	777.2	786.8	796.3
32.5°	733.9	730.5	727.3	726.8	727.3	730.5	733.9	738.0	744.7	755.3	765.3
35°	690.2	685.1	683.9	680.0	683.9	685.1	690.2	693.3	700.3	708.0	716.2
37.5°	644.8	640.6	640.5	640.1	640.5	640.6	644.8	650.4	656.2	663.1	673.3
40°	615.8	612.6	612.0	607.6	612.0	612.6	615.8	618.4	624.8	633.7	641.2
42.5°	584.8	583.2	581.0	579.1	581.0	583.2	584.8	589.9	595.3	601.6	611.2
45°	542.7	538.3	538.3	535.1	538.3	538.3	542.7	547.2	549.8	557.3	570.1
47.5°	499.3	495.9	496.2	492.9	496.2	495.9	499.3	500.7	504.8	512.3	519.3
50°	470.3	468.4	467.7	466.5	467.7	468.4	470.3	469.7	474.7	481.8	491.3
52.5°	441.3	440.4	442.9	440.0	442.9	440.4	441.3	442.7	446.3	450.7	459.7
55°	402.3	400.4	404.2	400.4	404.2	400.4	402.3	401.0	402.3	406.8	412.5
57.5°	357.4	355.6	359.1	357.2	359.1	355.6	357.4	357.7	361.5	362.2	367.2
60°	327.9	324.2	326.0	326.7	326.0	324.2	327.9	329.2	330.4	331.1	336.2
62.5°	292.9	290.6	292.0	289.0	292.0	290.6	292.9	295.6	298.5	301.7	304.7
65°	243.4	241.5	239.0	237.7	239.0	241.5	243.4	244.7	251.7	255.5	262.4
67.5°	204.5	199.9	199.8	200.8	199.8	199.9	204.5	204.2	209.4	212.4	217.1
70°	176.0	176.0	175.4	175.4	175.4	176.0	176.0	179.9	182.4	184.9	188.1
72.5°	156.2	155.7	154.6	154.1	154.6	155.7	156.2	157.5	159.0	161.6	164.7
75°	125.8	126.5	125.2	124.6	125.2	126.5	125.8	125.8	128.4	129.0	130.3
77.5°	92.9	90.3	91.6	90.3	91.6	90.3	92.9	95.5	96.4	99.1	99.3
80°	70.5	69.9	71.8	69.9	71.8	69.9	70.5	70.5	72.5	73.7	76.9
82.5°	55.8	55.2	56.1	54.6	56.1	55.2	55.8	55.3	56.2	58.0	57.6
85°	33.7	33.0	32.4	33.0	32.4	33.0	33.7	33.0	32.4	33.0	33.7
87.5°	15.2	14.8	15.0	15.1	15.0	14.8	15.2	14.7	15.0	14.8	14.7
90°	17.9	18.4	19.0	19.6	19.0	18.4	17.9	17.4	16.6	15.7	14.8
92.5°	37.3	37.6	38.0	38.4	38.0	37.6	37.3	36.9	36.0	34.8	33.7
95°	68.9	69.3	69.6	70.0	69.6	69.3	68.9	68.6	67.8	66.4	65.2
97.5°	105.5	105.7	105.9	106.2	105.9	105.7	105.5	105.3	104.6	103.4	102.2
100°	132.4	132.7	133.1	133.5	133.1	132.7	132.4	132.1	131.0	129.4	127.8
102.5°	159.3	159.8	160.4	160.9	160.4	159.8	159.3	158.8	157.7	155.9	154.1
105°	200.2	200.8	201.3	201.9	201.3	200.8	200.2	199.7	198.9	197.8	196.7
107.5°	243.9	243.9	243.9	243.9	243.9	243.9	243.9	244.0	243.8	243.2	242.6
110°	275.7	275.5	275.3	275.1	275.3	275.5	275.7	275.8	275.7	275.1	274.6



TEST NUMBER: P333629-930

CATALOG NUMBER: S125RDIP-S1270D1035U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	306.7	306.4	306.1	305.7	306.1	306.4	306.7	307.0	307.0	306.8	306.6
115°	354.6	354.4	354.2	354.1	354.2	354.4	354.6	354.8	355.0	355.1	355.3
117.5°	403.4	402.8	402.0	401.3	402.0	402.8	403.4	404.1	404.5	404.3	404.1
120°	436.0	435.3	434.6	433.8	434.6	435.3	436.0	436.8	437.1	437.1	437.1
122.5°	468.1	467.6	467.0	466.4	467.0	467.6	468.1	468.7	469.0	469.2	469.4
125°	515.8	515.6	515.4	515.3	515.4	515.6	515.8	515.9	516.2	516.6	517.0
127.5°	563.2	562.8	562.5	562.1	562.5	562.8	563.2	563.5	563.9	564.0	564.2
130°	594.4	594.1	593.7	593.4	593.7	594.1	594.4	594.8	595.1	595.3	595.4
132.5°	624.2	623.7	623.2	622.6	623.2	623.7	624.2	624.7	625.0	625.3	625.4
135°	670.4	669.7	669.0	668.2	669.0	669.7	670.4	671.2	671.5	671.5	671.5
137.5°	715.6	714.7	713.8	712.9	713.8	714.7	715.6	716.5	716.8	716.6	716.4
140°	744.2	743.3	742.4	741.5	742.4	743.3	744.2	745.1	745.4	745.0	744.7
142.5°	771.6	770.7	769.8	768.8	769.8	770.7	771.6	772.5	772.8	772.6	772.4
145°	811.5	811.0	810.4	809.9	810.4	811.0	811.5	812.0	812.4	812.4	812.4
147.5°	848.6	847.3	846.1	844.9	846.1	847.3	848.6	849.8	850.2	849.8	849.3
150°	872.0	871.6	871.3	870.9	871.3	871.6	872.0	872.4	872.5	872.5	872.5
152.5°	894.4	893.7	893.1	892.4	893.1	893.7	894.4	895.0	895.1	894.7	894.3
155°	925.8	924.8	923.9	923.0	923.9	924.8	925.8	926.7	926.8	926.0	925.3
157.5°	952.2	951.0	949.7	948.6	949.7	951.0	952.2	953.3	953.6	952.8	952.1
160°	968.9	968.0	967.1	966.1	967.1	968.0	968.9	969.8	969.9	969.1	968.4
162.5°	984.3	983.3	982.2	981.1	982.2	983.3	984.3	985.4	985.5	984.6	983.7
165°	1004.4	1003.3	1002.2	1001.2	1002.2	1003.3	1004.4	1005.5	1005.7	1004.9	1004.2
167.5°	1020.5	1019.4	1018.2	1017.1	1018.2	1019.4	1020.5	1021.6	1021.7	1020.5	1019.5
170°	1029.4	1028.1	1026.9	1025.6	1026.9	1028.1	1029.4	1030.6	1030.7	1029.6	1028.6
172.5°	1036.1	1035.0	1033.9	1032.7	1033.9	1035.0	1036.1	1037.2	1037.2	1036.2	1035.1
175°	1043.3	1042.0	1040.6	1039.4	1040.6	1042.0	1043.3	1044.5	1044.6	1043.5	1042.4
177.5°	1046.4	1045.4	1044.3	1043.3	1044.3	1045.4	1046.4	1047.4	1047.4	1046.6	1045.7
180°	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9



TEST NUMBER: P333629-930

CATALOG NUMBER: S125RDIP-S1270D1035U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2
2.5°	1484.1	1489.7	1492.7	1499.8	1510.0	1515.2	1522.2	1527.3	1534.5	1543.1	1550.2
5°	1388.0	1403.3	1413.4	1429.3	1444.0	1458.6	1477.0	1490.4	1508.1	1528.4	1544.3
7.5°	1298.8	1317.8	1334.7	1355.8	1379.9	1398.7	1422.7	1447.2	1475.0	1503.9	1531.1
10°	1241.9	1260.9	1281.9	1307.9	1332.1	1357.5	1386.1	1414.7	1449.7	1482.1	1518.9
12.5°	1185.4	1206.5	1230.0	1259.1	1288.3	1320.9	1350.0	1382.2	1419.7	1461.8	1501.1
15°	1115.3	1135.7	1161.1	1185.9	1219.6	1255.2	1294.0	1336.5	1378.5	1425.5	1474.5
17.5°	1040.2	1062.6	1090.5	1119.3	1154.8	1196.5	1234.4	1281.1	1328.3	1383.1	1440.6
20°	991.4	1014.3	1047.3	1079.1	1111.6	1152.3	1197.3	1245.0	1295.2	1353.1	1417.2
22.5°	952.8	969.1	1001.6	1033.9	1071.9	1113.6	1157.7	1207.4	1262.2	1322.0	1389.3
25°	895.4	914.5	938.1	971.8	1011.1	1055.0	1099.5	1152.3	1211.9	1273.0	1344.8
27.5°	844.5	860.1	883.4	909.8	949.1	994.6	1041.9	1096.9	1158.2	1220.3	1295.8
30°	808.4	825.6	847.8	875.8	906.9	956.5	1004.8	1058.8	1121.1	1185.3	1262.8
32.5°	776.9	794.5	813.8	840.2	873.8	917.9	967.7	1020.7	1083.9	1150.2	1225.7
35°	732.8	744.9	762.6	788.7	821.7	857.4	908.2	964.1	1025.7	1094.4	1170.0
37.5°	682.2	697.8	715.5	738.1	767.1	805.6	852.9	909.5	966.6	1032.3	1101.4
40°	652.7	667.3	687.1	703.5	734.0	769.0	812.2	871.3	928.5	990.2	1053.1
42.5°	622.7	636.8	653.5	674.1	701.5	735.5	775.6	830.6	891.9	950.0	1002.7
45°	575.8	590.4	606.3	625.3	650.8	683.9	723.9	774.0	827.4	880.8	920.9
47.5°	530.9	544.6	559.6	579.2	602.6	634.5	670.3	714.7	766.5	812.0	840.6
50°	498.9	511.6	528.2	547.2	570.1	600.0	634.3	678.1	721.3	762.6	788.7
52.5°	467.4	481.6	498.1	514.6	536.5	566.4	598.2	635.9	677.1	710.8	732.3
55°	420.1	433.4	448.7	465.9	487.5	512.9	546.6	576.4	608.9	637.5	650.1
57.5°	374.5	386.1	400.5	418.3	437.7	461.4	488.1	516.8	539.7	559.9	574.3
60°	344.5	354.7	367.9	383.2	404.2	425.8	450.0	476.6	494.5	511.6	525.0
62.5°	314.0	323.6	336.5	350.2	368.6	388.7	411.8	433.4	450.7	462.3	477.7
65°	268.2	277.7	288.5	303.1	317.8	334.3	355.2	371.1	383.2	395.9	405.4
67.5°	225.6	233.5	243.8	255.3	267.6	283.5	299.7	312.9	321.2	328.8	340.3
70°	197.6	204.0	212.3	221.2	234.5	250.4	263.1	273.3	279.0	286.7	300.6
72.5°	169.2	176.5	184.3	193.2	204.0	217.4	228.5	238.7	242.4	248.5	257.4
75°	133.5	137.3	143.7	150.0	157.6	169.1	179.9	182.4	185.6	190.7	197.0
77.5°	100.9	104.4	106.9	111.1	117.2	126.4	132.1	135.9	136.6	138.5	144.8
80°	80.1	82.0	84.5	87.7	90.3	97.8	101.0	104.8	106.2	108.0	111.2
82.5°	58.7	60.7	62.1	64.8	68.9	71.9	75.1	78.9	79.2	80.6	81.2
85°	34.3	35.0	33.7	35.0	35.6	36.9	40.0	43.2	42.6	41.9	43.9
87.5°	15.0	14.8	14.0	15.3	14.0	14.3	14.0	14.3	15.0	15.7	16.5
90°	13.9	13.0	11.7	10.5	9.2	8.0	6.6	5.1	3.7	2.3	0.8
92.5°	32.4	31.2	29.7	28.1	26.6	25.0	23.7	22.7	21.7	20.7	19.7
95°	63.9	62.7	60.9	59.0	57.2	55.4	54.4	54.0	53.6	53.2	52.9
97.5°	101.0	99.8	97.3	94.8	92.3	89.8	88.5	88.4	88.2	88.1	87.9
100°	126.1	124.5	122.2	119.8	117.5	115.1	114.0	114.0	114.0	114.0	114.0
102.5°	152.4	150.6	149.4	148.2	147.0	145.8	144.9	144.1	143.4	142.7	141.9
105°	195.6	194.5	193.5	192.3	191.3	190.2	189.2	188.3	187.4	186.5	185.6
107.5°	242.1	241.6	240.8	239.9	239.0	238.2	237.4	236.5	235.5	234.6	233.7
110°	274.0	273.5	273.0	272.4	271.8	271.3	270.6	269.7	268.8	267.9	267.0



TEST NUMBER: P333629-930

CATALOG NUMBER: S125RDIP-S1270D1035U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	306.3	306.1	305.3	304.7	304.0	303.3	302.7	302.2	301.7	301.3	300.8
115°	355.6	355.7	355.3	355.0	354.6	354.2	353.7	353.0	352.3	351.6	350.8
117.5°	404.1	403.9	403.6	403.2	402.9	402.6	402.3	401.9	401.6	401.3	401.0
120°	437.1	437.1	436.9	436.8	436.5	436.3	435.9	435.0	434.0	433.1	432.2
122.5°	469.5	469.6	469.2	468.7	468.2	467.7	467.4	467.1	466.8	466.4	466.1
125°	517.3	517.7	517.5	517.3	517.1	517.0	516.3	515.3	514.1	513.1	512.0
127.5°	564.4	564.6	564.4	564.1	563.9	563.7	563.3	562.6	562.1	561.4	560.8
130°	595.7	595.8	595.4	595.1	594.8	594.4	593.7	592.8	591.9	591.0	590.1
132.5°	625.6	625.7	625.8	625.9	626.0	626.1	625.3	623.9	622.4	620.9	619.4
135°	671.5	671.5	671.3	671.2	671.0	670.8	670.2	669.0	668.0	666.9	665.9
137.5°	716.2	715.9	715.6	715.2	714.8	714.4	713.6	712.6	711.5	710.5	709.5
140°	744.3	744.0	743.4	742.9	742.3	741.8	741.0	740.1	739.2	738.3	737.4
142.5°	772.2	771.9	771.3	770.6	769.9	769.2	768.5	767.7	767.0	766.2	765.4
145°	812.4	812.4	811.8	811.2	810.7	810.2	809.5	808.8	808.0	807.4	806.7
147.5°	848.9	848.5	848.0	847.6	847.2	846.8	846.3	846.0	845.5	845.1	844.7
150°	872.5	872.5	871.8	871.1	870.4	869.7	869.4	869.6	869.8	869.9	870.1
152.5°	893.8	893.4	893.1	892.8	892.5	892.3	891.9	891.7	891.4	891.2	891.0
155°	924.5	923.8	923.7	923.5	923.3	923.1	923.0	923.0	923.0	923.0	923.0
157.5°	951.5	950.7	950.6	950.3	950.1	950.0	950.1	950.5	950.9	951.3	951.7
160°	967.7	966.9	966.8	966.6	966.5	966.3	966.5	966.9	967.5	968.1	968.6
162.5°	982.8	981.9	981.9	981.9	981.9	981.8	982.0	982.4	982.8	983.2	983.6
165°	1003.6	1002.8	1002.6	1002.4	1002.2	1002.1	1002.2	1002.5	1002.9	1003.2	1003.6
167.5°	1018.4	1017.2	1017.2	1017.2	1017.2	1017.2	1017.7	1018.4	1019.1	1019.8	1020.5
170°	1027.5	1026.4	1026.4	1026.4	1026.4	1026.4	1026.8	1027.5	1028.2	1028.9	1029.6
172.5°	1034.0	1032.9	1032.9	1032.9	1032.9	1032.9	1033.3	1034.0	1034.7	1035.4	1036.2
175°	1041.3	1040.2	1040.2	1040.2	1040.2	1040.2	1040.6	1041.3	1042.0	1042.8	1043.5
177.5°	1044.9	1044.0	1044.2	1044.2	1044.4	1044.6	1044.9	1045.5	1046.1	1046.7	1047.3
180°	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9



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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2
2.5°	1555.8	1560.4	1567.0	1574.6	1580.7	1587.3	1590.9	1590.9	1593.9	1600.5	1609.2
5°	1560.2	1576.8	1592.7	1613.0	1628.9	1647.3	1661.3	1674.6	1686.7	1701.9	1717.8
7.5°	1558.9	1586.4	1615.0	1647.1	1682.4	1710.5	1739.4	1761.9	1784.4	1813.6	1836.5
10°	1553.9	1589.5	1628.2	1668.9	1713.4	1752.2	1787.1	1818.9	1849.4	1881.2	1909.8
12.5°	1544.7	1590.0	1637.4	1686.2	1742.4	1786.7	1831.9	1865.6	1901.3	1936.1	1971.3
15°	1531.0	1584.4	1641.6	1709.6	1778.2	1827.8	1872.3	1916.1	1949.2	1988.6	2022.3
17.5°	1502.7	1571.4	1643.4	1717.8	1783.7	1841.3	1887.9	1929.7	1964.8	2008.2	2053.9
20°	1485.9	1560.2	1635.2	1714.7	1777.6	1836.7	1881.8	1925.0	1968.9	2025.4	2081.4
22.5°	1462.5	1542.0	1621.5	1696.9	1763.3	1820.4	1867.1	1919.9	1977.5	2041.8	2109.3
25°	1425.5	1507.5	1586.3	1658.1	1723.0	1781.4	1844.9	1916.1	1986.1	2070.6	2167.8
27.5°	1378.6	1457.7	1528.0	1603.9	1668.3	1742.6	1821.9	1899.1	1999.9	2116.2	2237.6
30°	1343.5	1418.5	1485.2	1557.1	1630.1	1712.1	1801.1	1892.0	2012.1	2148.7	2293.0
32.5°	1302.8	1370.8	1437.0	1506.2	1590.5	1680.6	1775.2	1886.4	2029.9	2185.3	2334.7
35°	1232.3	1293.3	1357.5	1434.4	1524.0	1621.9	1742.6	1878.0	2051.5	2218.7	2352.8
37.5°	1158.3	1206.5	1271.0	1352.0	1449.7	1562.9	1699.9	1864.4	2042.7	2192.6	2249.7
40°	1101.4	1146.5	1214.5	1299.7	1396.3	1520.2	1674.0	1843.1	2022.3	2126.5	2122.1
42.5°	1045.0	1090.5	1156.0	1241.7	1342.4	1481.1	1639.4	1815.1	1966.3	2006.0	1923.3
45°	958.4	1000.9	1065.2	1151.6	1259.6	1405.2	1571.7	1740.1	1836.7	1772.5	1608.5
47.5°	870.2	911.5	971.1	1055.7	1173.7	1326.0	1483.4	1621.6	1635.2	1497.3	1300.6
50°	812.2	851.0	907.5	997.8	1112.1	1260.9	1412.8	1521.5	1487.8	1319.4	1116.6
52.5°	755.8	793.0	846.0	931.2	1048.1	1193.8	1329.4	1414.7	1336.8	1157.7	975.3
55°	672.4	708.0	761.4	839.5	945.7	1079.1	1198.0	1229.1	1114.8	934.3	786.8
57.5°	593.2	619.3	672.1	741.2	843.5	961.2	1046.4	1040.7	914.5	752.0	646.2
60°	540.9	564.4	614.6	678.1	775.3	880.8	940.6	915.2	787.4	653.3	551.6
62.5°	492.0	514.0	556.1	614.6	698.1	789.9	833.3	798.3	677.6	559.8	478.9
65°	418.2	434.1	467.7	521.8	587.3	650.8	689.6	638.1	531.3	442.3	381.3
67.5°	349.2	362.9	392.9	431.6	476.8	520.7	536.4	488.1	405.1	345.1	302.1
70°	304.4	317.2	337.5	373.7	403.6	434.7	442.3	399.1	329.9	284.1	257.4
72.5°	261.7	273.4	291.2	316.7	337.5	355.4	359.0	318.8	265.8	234.2	213.7
75°	199.6	209.7	221.2	230.7	244.0	247.2	246.0	214.8	186.2	165.3	153.8
77.5°	146.7	150.9	157.8	161.7	162.3	162.1	155.6	135.9	121.2	112.5	107.8
80°	113.2	116.3	118.2	119.4	120.1	113.7	106.8	94.7	89.6	84.5	78.8
82.5°	82.1	84.3	86.2	86.4	83.0	77.7	71.2	65.2	61.6	59.1	56.9
85°	44.5	45.1	44.5	41.3	36.9	35.0	33.7	32.4	31.8	31.1	31.1
87.5°	16.2	15.0	12.7	13.5	13.8	13.5	13.8	13.5	13.3	13.5	13.6
90°	2.3	3.7	5.1	6.6	8.0	9.2	10.5	11.7	13.0	13.9	14.8
92.5°	20.7	21.7	22.7	23.7	25.0	26.6	28.1	29.7	31.2	32.4	33.7
95°	53.2	53.6	54.0	54.4	55.4	57.2	59.0	60.9	62.7	63.9	65.2
97.5°	88.1	88.2	88.4	88.5	89.8	92.3	94.8	97.3	99.8	101.0	102.2
100°	114.0	114.0	114.0	114.0	115.1	117.5	119.8	122.2	124.5	126.1	127.8
102.5°	142.7	143.4	144.1	144.9	145.8	147.0	148.2	149.4	150.6	152.4	154.1
105°	186.5	187.4	188.3	189.2	190.2	191.3	192.3	193.5	194.5	195.6	196.7
107.5°	234.6	235.5	236.5	237.4	238.2	239.0	239.9	240.8	241.6	242.1	242.6
110°	267.9	268.8	269.7	270.6	271.3	271.8	272.4	273.0	273.5	274.0	274.6



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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	301.3	301.7	302.2	302.7	303.3	304.0	304.7	305.3	306.1	306.3	306.6
115°	351.6	352.3	353.0	353.7	354.2	354.6	355.0	355.3	355.7	355.6	355.3
117.5°	401.3	401.6	401.9	402.3	402.6	402.9	403.2	403.6	403.9	404.1	404.1
120°	433.1	434.0	435.0	435.9	436.3	436.5	436.8	436.9	437.1	437.1	437.1
122.5°	466.4	466.8	467.1	467.4	467.7	468.2	468.7	469.2	469.6	469.5	469.4
125°	513.1	514.1	515.3	516.3	517.0	517.1	517.3	517.5	517.7	517.3	517.0
127.5°	561.4	562.1	562.6	563.3	563.7	563.9	564.1	564.4	564.6	564.4	564.2
130°	591.0	591.9	592.8	593.7	594.4	594.8	595.1	595.4	595.8	595.7	595.4
132.5°	620.9	622.4	623.9	625.3	626.1	626.0	625.9	625.8	625.7	625.6	625.4
135°	666.9	668.0	669.0	670.2	670.8	671.0	671.2	671.3	671.5	671.5	671.5
137.5°	710.5	711.5	712.6	713.6	714.4	714.8	715.2	715.6	715.9	716.2	716.4
140°	738.3	739.2	740.1	741.0	741.8	742.3	742.9	743.4	744.0	744.3	744.7
142.5°	766.2	767.0	767.7	768.5	769.2	769.9	770.6	771.3	771.9	772.2	772.4
145°	807.4	808.0	808.8	809.5	810.2	810.7	811.2	811.8	812.4	812.4	812.4
147.5°	845.1	845.5	846.0	846.3	846.8	847.2	847.6	848.0	848.5	848.9	849.3
150°	869.9	869.8	869.6	869.4	869.7	870.4	871.1	871.8	872.5	872.5	872.5
152.5°	891.2	891.4	891.7	891.9	892.3	892.5	892.8	893.1	893.4	893.8	894.3
155°	923.0	923.0	923.0	923.0	923.1	923.3	923.5	923.7	923.8	924.5	925.3
157.5°	951.3	950.9	950.5	950.1	950.0	950.1	950.3	950.6	950.7	951.5	952.1
160°	968.1	967.5	966.9	966.5	966.3	966.5	966.6	966.8	966.9	967.7	968.4
162.5°	983.2	982.8	982.4	982.0	981.8	981.9	981.9	981.9	981.9	982.8	983.7
165°	1003.2	1002.9	1002.5	1002.2	1002.1	1002.2	1002.4	1002.6	1002.8	1003.6	1004.2
167.5°	1019.8	1019.1	1018.4	1017.7	1017.2	1017.2	1017.2	1017.2	1017.2	1018.4	1019.5
170°	1028.9	1028.2	1027.5	1026.8	1026.4	1026.4	1026.4	1026.4	1026.4	1027.5	1028.6
172.5°	1035.4	1034.7	1034.0	1033.3	1032.9	1032.9	1032.9	1032.9	1032.9	1034.0	1035.1
175°	1042.8	1042.0	1041.3	1040.6	1040.2	1040.2	1040.2	1040.2	1040.2	1041.3	1042.4
177.5°	1046.7	1046.1	1045.5	1044.9	1044.6	1044.4	1044.2	1044.2	1044.0	1044.9	1045.7
180°	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2	1548.2
2.5°	1615.8	1615.8	1624.4	1623.9	1629.5	1627.5	1628.5
5°	1736.9	1747.8	1757.3	1763.6	1773.1	1775.7	1774.4
7.5°	1862.5	1886.5	1898.2	1914.2	1917.2	1925.6	1924.7
10°	1940.3	1963.8	1981.6	1995.6	2002.5	2011.5	2012.1
12.5°	2001.3	2021.3	2037.0	2050.0	2058.5	2061.3	2063.0
15°	2048.9	2071.2	2089.6	2108.0	2118.9	2127.1	2131.6
17.5°	2097.0	2131.4	2163.9	2188.9	2203.9	2216.6	2216.5
20°	2134.1	2173.5	2214.2	2242.8	2272.1	2284.7	2286.7
22.5°	2173.8	2234.0	2286.4	2330.8	2369.2	2382.4	2387.4
25°	2256.2	2334.9	2415.7	2477.9	2522.5	2548.5	2552.3
27.5°	2355.6	2462.3	2547.2	2604.7	2641.7	2661.0	2665.2
30°	2425.8	2524.3	2600.6	2643.9	2661.0	2663.5	2654.0
32.5°	2457.4	2530.9	2561.4	2558.9	2525.2	2502.9	2494.3
35°	2418.8	2403.6	2329.2	2240.3	2172.3	2129.1	2117.6
37.5°	2201.2	2069.7	1932.9	1798.5	1726.9	1690.5	1628.0
40°	1986.7	1799.2	1656.9	1543.7	1463.0	1398.2	1382.9
42.5°	1744.7	1551.1	1408.8	1311.9	1247.4	1203.0	1183.7
45°	1402.0	1235.5	1117.9	1043.6	994.0	961.6	947.0
47.5°	1121.4	992.5	906.8	851.7	814.0	785.8	777.9
50°	967.3	864.3	791.9	745.5	716.9	695.3	686.4
52.5°	840.2	757.1	701.4	663.1	636.0	622.6	615.2
55°	693.3	621.6	581.6	551.0	535.7	525.0	519.8
57.5°	567.0	515.2	485.9	464.8	450.7	443.8	441.3
60°	496.4	455.7	429.0	412.5	402.9	394.0	391.5
62.5°	433.8	401.8	381.2	366.7	357.2	353.4	351.8
65°	349.5	328.6	313.3	304.4	296.8	295.5	294.9
67.5°	277.9	265.5	257.6	248.3	245.6	241.1	240.3
70°	237.7	229.4	219.9	216.7	213.5	209.1	209.7
72.5°	201.6	193.3	186.9	182.6	181.5	179.6	181.2
75°	147.4	144.9	142.4	139.2	137.9	137.9	137.3
77.5°	105.3	103.1	100.3	98.4	98.0	95.3	96.4
80°	76.2	73.1	71.8	72.5	70.5	69.9	69.9
82.5°	56.4	55.3	54.1	54.1	53.7	53.2	53.6
85°	31.1	30.5	30.5	29.8	29.8	29.3	29.3
87.5°	14.3	15.0	14.2	13.8	13.9	14.5	15.1
90°	15.7	16.6	17.4	17.9	18.4	19.0	19.6
92.5°	34.8	36.0	36.9	37.3	37.6	38.0	38.4
95°	66.4	67.8	68.6	68.9	69.3	69.6	70.0
97.5°	103.4	104.6	105.3	105.5	105.7	105.9	106.2
100°	129.4	131.0	132.1	132.4	132.7	133.1	133.5
102.5°	155.9	157.7	158.8	159.3	159.8	160.4	160.9
105°	197.8	198.9	199.7	200.2	200.8	201.3	201.9
107.5°	243.2	243.8	244.0	243.9	243.9	243.9	243.9
110°	275.1	275.7	275.8	275.7	275.5	275.3	275.1



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	306.8	307.0	307.0	306.7	306.4	306.1	305.7
115°	355.1	355.0	354.8	354.6	354.4	354.2	354.1
117.5°	404.3	404.5	404.1	403.4	402.8	402.0	401.3
120°	437.1	437.1	436.8	436.0	435.3	434.6	433.8
122.5°	469.2	469.0	468.7	468.1	467.6	467.0	466.4
125°	516.6	516.2	515.9	515.8	515.6	515.4	515.3
127.5°	564.0	563.9	563.5	563.2	562.8	562.5	562.1
130°	595.3	595.1	594.8	594.4	594.1	593.7	593.4
132.5°	625.3	625.0	624.7	624.2	623.7	623.2	622.6
135°	671.5	671.5	671.2	670.4	669.7	669.0	668.2
137.5°	716.6	716.8	716.5	715.6	714.7	713.8	712.9
140°	745.0	745.4	745.1	744.2	743.3	742.4	741.5
142.5°	772.6	772.8	772.5	771.6	770.7	769.8	768.8
145°	812.4	812.4	812.0	811.5	811.0	810.4	809.9
147.5°	849.8	850.2	849.8	848.6	847.3	846.1	844.9
150°	872.5	872.5	872.4	872.0	871.6	871.3	870.9
152.5°	894.7	895.1	895.0	894.4	893.7	893.1	892.4
155°	926.0	926.8	926.7	925.8	924.8	923.9	923.0
157.5°	952.8	953.6	953.3	952.2	951.0	949.7	948.6
160°	969.1	969.9	969.8	968.9	968.0	967.1	966.1
162.5°	984.6	985.5	985.4	984.3	983.3	982.2	981.1
165°	1004.9	1005.7	1005.5	1004.4	1003.3	1002.2	1001.2
167.5°	1020.5	1021.7	1021.6	1020.5	1019.4	1018.2	1017.1
170°	1029.6	1030.7	1030.6	1029.4	1028.1	1026.9	1025.6
172.5°	1036.2	1037.2	1037.2	1036.1	1035.0	1033.9	1032.7
175°	1043.5	1044.6	1044.5	1043.3	1042.0	1040.6	1039.4
177.5°	1046.6	1047.4	1047.4	1046.4	1045.4	1044.3	1043.3
180°	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9	1045.9

(END OF REPORT)