

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: P333610-935

Luminaire Tested: **S125RDIP-S1270D365U935-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333610-935  
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: S125RDIP-S1270D365U935-4F0-1E-UDD-A  
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 1270 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 365 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5497.5 lumens  
Efficiency: N/A  
Efficacy: 110.4 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: Semi-Direct

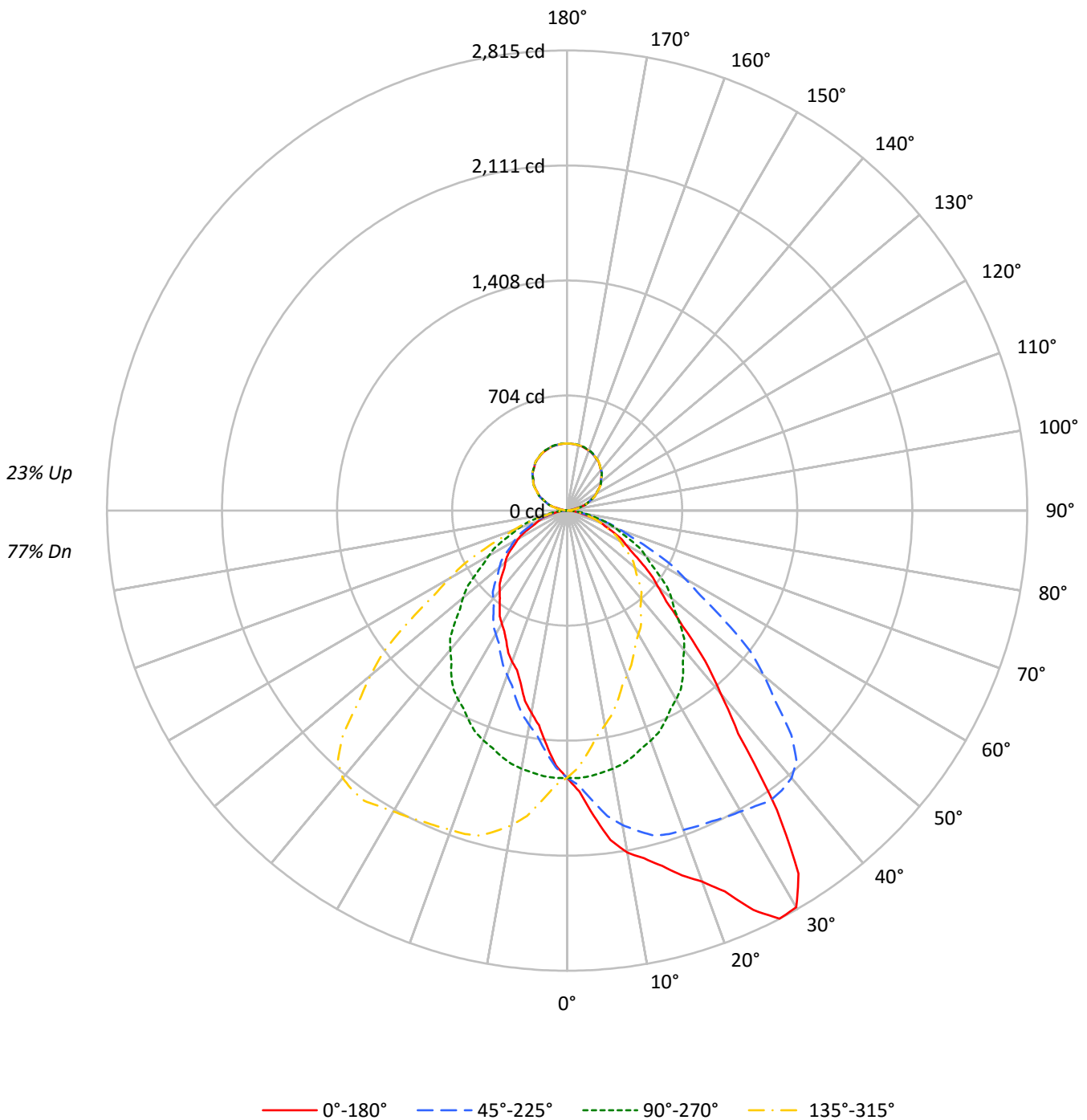
Input Watts (W): 49.8  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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	114	114	114	114	108	108	108	108	98	98	98	89	89	89	81	81	81	77
1	105	100	97	93	100	96	92	89	87	85	82	80	78	76	73	71	70	66
2	96	88	82	77	91	85	79	74	77	73	69	71	67	64	65	62	60	57
3	88	78	71	65	83	75	68	63	69	63	59	63	59	55	58	54	51	49
4	81	70	62	56	77	67	60	54	62	56	51	57	52	48	52	48	45	42
5	74	62	54	48	71	60	52	47	55	49	44	51	46	42	47	43	39	37
6	69	56	48	42	65	54	47	41	50	44	39	46	41	37	43	38	35	32
7	64	51	43	37	61	49	42	36	46	39	35	42	37	33	39	35	31	29
8	59	47	39	33	56	45	38	32	42	35	31	39	33	29	36	31	28	26
9	55	43	35	30	53	41	34	29	38	32	28	36	30	27	33	29	25	23
10	52	39	32	27	49	38	31	26	36	29	25	33	28	24	31	26	23	21

**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



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	156.8	2.9
10°-20°	459.5	8.4
20°-30°	728.5	13.3
30°-40°	878.5	16.0
40°-50°	784.5	14.3
50°-60°	601.6	10.9
60°-70°	391.0	7.1
70°-80°	190.1	3.5
80°-90°	46.2	0.8
90°-100°	14.9	0.3
100°-110°	92.0	1.7
110°-120°	166.8	3.0
120°-130°	214.0	3.9
130°-140°	230.2	4.2
140°-150°	216.1	3.9
150°-160°	174.8	3.2
160°-170°	113.0	2.1
170°-180°	39.0	0.7
0°-30°	1344.7	24.5
0°-40°	2223.3	40.4
0°-60°	3609.4	65.7
0°-90°	4236.7	77.1
90°-120°	273.7	5.0
90°-150°	934.0	17.0
90°-180°	1261.0	22.9
0°-180°	5497.5	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°	7	0	7	0	7	5
95°	6	17	6	17	6	5
105°	90	90	90	90	90	82
115°	167	168	167	168	167	166
125°	239	239	239	239	239	213
135°	297	298	297	298	297	229
145°	344	345	344	345	344	215
155°	378	380	378	380	378	174
165°	399	401	399	401	399	113
175°	409	410	409	410	409	39
180°	410	410	410	410	410	



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**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°	13.3	12.7	12.1	12.1	12.6	13.6	13.0	12.4	12.3	12.2	12.7
90°	7.3	7.1	6.9	6.7	6.5	6.2	5.9	5.5	5.2	4.9	4.4
92.5°	6.8	6.7	6.6	6.5	6.5	6.2	5.9	5.5	5.2	4.9	4.5
95°	6.4	6.4	6.4	6.4	6.4	6.2	5.9	5.5	5.2	4.9	7.4
97.5°	6.4	6.4	6.4	6.4	6.4	7.3	9.2	11.2	13.1	15.0	20.1
100°	6.4	6.6	7.0	7.2	7.5	12.7	22.7	32.8	42.9	53.0	52.7
102.5°	38.3	42.9	47.5	52.1	56.7	59.9	61.8	63.7	65.7	67.6	67.4
105°	90.4	90.5	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
107.5°	113.9	114.2	114.3	114.6	114.8	114.9	114.9	114.9	114.8	114.8	114.7
110°	130.3	130.2	130.1	130.1	130.0	130.1	130.3	130.4	130.7	130.9	130.7



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	144.9	145.0	145.1	145.2	145.3	145.4	145.7	145.9	146.2	146.5	146.4
115°	166.8	167.2	167.6	168.0	168.4	168.8	169.0	169.3	169.5	169.8	169.8
117.5°	190.2	190.4	190.5	190.7	190.9	191.1	191.5	191.8	192.2	192.5	192.3
120°	204.5	204.8	205.2	205.5	205.9	206.1	206.2	206.4	206.6	206.6	206.5
122.5°	218.2	218.5	219.0	219.3	219.7	220.0	220.2	220.2	220.4	220.5	220.4
125°	238.9	239.1	239.4	239.5	239.7	240.0	240.2	240.5	240.7	241.1	241.1
127.5°	256.4	256.9	257.4	257.9	258.4	258.7	258.8	259.0	259.2	259.3	259.3
130°	269.1	269.4	269.8	270.1	270.4	270.7	270.9	271.0	271.3	271.5	271.4
132.5°	280.8	281.0	281.4	281.7	282.1	282.2	282.3	282.3	282.4	282.4	282.6
135°	296.7	297.1	297.6	298.0	298.3	298.6	298.8	298.9	299.0	299.2	299.3
137.5°	312.8	313.1	313.5	313.8	314.2	314.4	314.4	314.4	314.3	314.3	314.4
140°	322.3	322.7	323.1	323.6	323.9	324.1	323.9	323.8	323.6	323.6	323.6
142.5°	331.3	331.7	332.1	332.5	332.9	333.1	333.1	333.0	333.0	333.0	332.9
145°	344.5	344.9	345.3	345.8	346.1	346.3	346.2	346.2	346.1	346.0	346.0
147.5°	355.4	355.9	356.4	356.9	357.4	357.6	357.5	357.4	357.3	357.2	357.1
150°	362.5	363.0	363.6	364.1	364.6	364.8	364.7	364.5	364.5	364.3	364.2
152.5°	369.0	369.5	370.1	370.5	371.0	371.2	371.0	370.9	370.7	370.7	370.5
155°	377.7	378.2	378.8	379.4	379.9	380.0	379.8	379.6	379.4	379.2	379.1
157.5°	385.0	385.5	386.0	386.6	387.1	387.3	387.0	386.8	386.6	386.4	386.4
160°	389.6	390.1	390.6	391.2	391.8	391.8	391.6	391.3	391.1	390.8	390.7
162.5°	393.7	394.3	394.9	395.5	396.1	396.2	395.8	395.5	395.0	394.7	394.6
165°	399.3	399.8	400.4	401.0	401.5	401.6	401.1	400.7	400.3	399.9	399.8
167.5°	403.2	403.8	404.4	405.0	405.6	405.7	405.2	404.8	404.2	403.7	403.7
170°	405.4	406.0	406.7	407.3	407.9	407.9	407.3	406.7	406.2	405.7	405.6
172.5°	406.8	407.4	408.0	408.7	409.3	409.3	408.9	408.4	407.9	407.4	407.3
175°	408.7	409.3	409.9	410.5	411.2	411.2	410.7	410.1	409.6	409.1	409.0
177.5°	409.8	410.3	410.7	411.1	411.6	411.6	411.2	410.9	410.4	410.1	410.0
180°	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5



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**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°	13.2	13.0	13.5	13.3	12.7	15.3	16.8	17.2	16.3	15.3	14.4
90°	4.0	3.4	3.0	2.5	1.9	1.4	0.9	0.3	0.9	1.4	1.9
92.5°	4.0	3.6	3.2	3.2	3.5	4.0	4.3	4.6	4.3	4.0	3.5
95°	10.0	12.6	15.2	16.5	16.7	17.0	17.1	17.3	17.1	17.0	16.7
97.5°	25.1	30.2	35.3	37.7	37.3	36.9	36.6	36.2	36.6	36.9	37.3
100°	52.4	52.2	51.8	51.7	51.4	51.2	51.1	50.8	51.1	51.2	51.4
102.5°	67.2	67.1	66.9	66.7	66.5	66.2	66.0	65.7	66.0	66.2	66.5
105°	90.7	90.7	90.7	90.6	90.3	90.1	89.7	89.5	89.7	90.1	90.3
107.5°	114.5	114.4	114.3	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2
110°	130.6	130.4	130.4	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3





TEST NUMBER: P333610-935

CATALOG NUMBER: S125RDIP-S1270D365U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	146.3	146.2	146.1	146.0	145.9	145.7	145.5	145.3	145.5	145.7	145.9
115°	169.7	169.6	169.5	169.4	169.0	168.7	168.3	168.0	168.3	168.7	169.0
117.5°	192.0	191.7	191.5	191.4	191.4	191.4	191.4	191.4	191.4	191.4	191.4
120°	206.2	206.0	205.9	205.8	205.9	206.0	206.0	206.0	206.0	206.0	205.9
122.5°	220.3	220.2	220.2	220.0	219.7	219.5	219.2	219.0	219.2	219.5	219.7
125°	241.1	241.1	241.1	240.8	240.3	239.9	239.4	238.9	239.4	239.9	240.3
127.5°	259.4	259.4	259.5	259.3	259.0	258.6	258.3	258.0	258.3	258.6	259.0
130°	271.3	271.3	271.2	271.0	270.7	270.4	270.0	269.7	270.0	270.4	270.7
132.5°	282.8	282.9	283.0	282.9	282.5	282.1	281.7	281.4	281.7	282.1	282.5
135°	299.5	299.5	299.7	299.5	299.2	298.8	298.3	298.0	298.3	298.8	299.2
137.5°	314.5	314.6	314.8	314.6	314.3	313.9	313.6	313.2	313.6	313.9	314.3
140°	323.6	323.7	323.8	323.7	323.6	323.5	323.4	323.2	323.4	323.5	323.6
142.5°	332.9	332.8	332.6	332.5	332.4	332.4	332.3	332.3	332.3	332.4	332.4
145°	346.0	346.0	346.0	345.9	345.9	345.7	345.6	345.4	345.6	345.7	345.9
147.5°	357.1	357.0	356.9	356.9	356.9	357.0	357.0	357.0	357.0	357.0	356.9
150°	364.0	363.9	363.8	363.8	363.9	364.0	364.2	364.3	364.2	364.0	363.9
152.5°	370.4	370.2	370.1	370.1	370.5	370.7	371.1	371.3	371.1	370.7	370.5
155°	378.9	378.8	378.7	378.8	379.2	379.6	380.0	380.5	380.0	379.6	379.2
157.5°	386.4	386.3	386.3	386.5	386.7	386.9	387.2	387.4	387.2	386.9	386.7
160°	390.6	390.5	390.5	390.7	391.1	391.5	391.9	392.3	391.9	391.5	391.1
162.5°	394.5	394.5	394.4	394.6	394.9	395.4	395.8	396.2	395.8	395.4	394.9
165°	399.8	399.7	399.7	399.8	400.2	400.6	401.1	401.4	401.1	400.6	400.2
167.5°	403.6	403.6	403.5	403.6	404.1	404.5	404.9	405.4	404.9	404.5	404.1
170°	405.5	405.5	405.4	405.6	406.1	406.6	407.1	407.5	407.1	406.6	406.1
172.5°	407.2	407.0	406.9	407.1	407.6	408.0	408.5	409.0	408.5	408.0	407.6
175°	408.9	408.8	408.8	409.0	409.3	409.7	410.2	410.5	410.2	409.7	409.3
177.5°	410.0	409.9	409.8	410.0	410.4	410.6	411.0	411.3	411.0	410.6	410.4
180°	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5



TEST NUMBER: P333610-935

CATALOG NUMBER: S125RDIP-S1270D365U935-4F0-1E-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°	13.9	14.0	13.6	14.7	13.3	13.9	13.9	13.4	13.5	13.6	13.1
90°	2.5	3.0	3.4	4.0	4.4	4.9	5.2	5.5	5.9	6.2	6.5
92.5°	3.2	3.2	3.6	4.0	4.5	4.9	5.2	5.5	5.9	6.2	6.5
95°	16.5	15.2	12.6	10.0	7.4	4.9	5.2	5.5	5.9	6.2	6.4
97.5°	37.7	35.3	30.2	25.1	20.1	15.0	13.1	11.2	9.2	7.3	6.4
100°	51.7	51.8	52.2	52.4	52.7	53.0	42.9	32.8	22.7	12.7	7.5
102.5°	66.7	66.9	67.1	67.2	67.4	67.6	65.7	63.7	61.8	59.9	56.7
105°	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
107.5°	114.2	114.3	114.4	114.5	114.7	114.8	114.8	114.9	114.9	114.9	114.8
110°	130.3	130.4	130.4	130.6	130.7	130.9	130.7	130.4	130.3	130.1	130.0



TEST NUMBER: P333610-935

CATALOG NUMBER: S125RDIP-S1270D365U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	146.0	146.1	146.2	146.3	146.4	146.5	146.2	145.9	145.7	145.4	145.3
115°	169.4	169.5	169.6	169.7	169.8	169.8	169.5	169.3	169.0	168.8	168.4
117.5°	191.4	191.5	191.7	192.0	192.3	192.5	192.2	191.8	191.5	191.1	190.9
120°	205.8	205.9	206.0	206.2	206.5	206.6	206.6	206.4	206.2	206.1	205.9
122.5°	220.0	220.2	220.2	220.3	220.4	220.5	220.4	220.2	220.2	220.0	219.7
125°	240.8	241.1	241.1	241.1	241.1	241.1	240.7	240.5	240.2	240.0	239.7
127.5°	259.3	259.5	259.4	259.4	259.3	259.3	259.2	259.0	258.8	258.7	258.4
130°	271.0	271.2	271.3	271.3	271.4	271.5	271.3	271.0	270.9	270.7	270.4
132.5°	282.9	283.0	282.9	282.8	282.6	282.4	282.4	282.3	282.3	282.2	282.1
135°	299.5	299.7	299.5	299.5	299.3	299.2	299.0	298.9	298.8	298.6	298.3
137.5°	314.6	314.8	314.6	314.5	314.4	314.3	314.3	314.4	314.4	314.4	314.2
140°	323.7	323.8	323.7	323.6	323.6	323.6	323.6	323.8	323.9	324.1	323.9
142.5°	332.5	332.6	332.8	332.9	332.9	333.0	333.0	333.0	333.1	333.1	332.9
145°	345.9	346.0	346.0	346.0	346.0	346.0	346.1	346.2	346.2	346.3	346.1
147.5°	356.9	356.9	357.0	357.1	357.1	357.2	357.3	357.4	357.5	357.6	357.4
150°	363.8	363.8	363.9	364.0	364.2	364.3	364.5	364.5	364.7	364.8	364.6
152.5°	370.1	370.1	370.2	370.4	370.5	370.7	370.7	370.9	371.0	371.2	371.0
155°	378.8	378.7	378.8	378.9	379.1	379.2	379.4	379.6	379.8	380.0	379.9
157.5°	386.5	386.3	386.3	386.4	386.4	386.4	386.6	386.8	387.0	387.3	387.1
160°	390.7	390.5	390.5	390.6	390.7	390.8	391.1	391.3	391.6	391.8	391.8
162.5°	394.6	394.4	394.5	394.5	394.6	394.7	395.0	395.5	395.8	396.2	396.1
165°	399.8	399.7	399.7	399.8	399.8	399.9	400.3	400.7	401.1	401.6	401.5
167.5°	403.6	403.5	403.6	403.6	403.7	403.7	404.2	404.8	405.2	405.7	405.6
170°	405.6	405.4	405.5	405.5	405.6	405.7	406.2	406.7	407.3	407.9	407.9
172.5°	407.1	406.9	407.0	407.2	407.3	407.4	407.9	408.4	408.9	409.3	409.3
175°	409.0	408.8	408.8	408.9	409.0	409.1	409.6	410.1	410.7	411.2	411.2
177.5°	410.0	409.8	409.9	410.0	410.0	410.1	410.4	410.9	411.2	411.6	411.6
180°	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5



TEST NUMBER: P333610-935

CATALOG NUMBER: S125RDIP-S1270D365U935-4F0-1E-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°	13.7	13.2	13.3	13.3	13.3	13.2	13.7	13.1	13.6	13.5	13.4
90°	6.7	6.9	7.1	7.3	7.1	6.9	6.7	6.5	6.2	5.9	5.5
92.5°	6.5	6.6	6.7	6.8	6.7	6.6	6.5	6.5	6.2	5.9	5.5
95°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.2	5.9	5.5
97.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	7.3	9.2	11.2
100°	7.2	7.0	6.6	6.4	6.6	7.0	7.2	7.5	12.7	22.7	32.8
102.5°	52.1	47.5	42.9	38.3	42.9	47.5	52.1	56.7	59.9	61.8	63.7
105°	90.6	90.5	90.5	90.4	90.5	90.5	90.6	90.7	90.7	90.7	90.7
107.5°	114.6	114.3	114.2	113.9	114.2	114.3	114.6	114.8	114.9	114.9	114.9
110°	130.1	130.1	130.2	130.3	130.2	130.1	130.1	130.0	130.1	130.3	130.4



TEST NUMBER: P333610-935

CATALOG NUMBER: S125RDIP-S1270D365U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	145.2	145.1	145.0	144.9	145.0	145.1	145.2	145.3	145.4	145.7	145.9
115°	168.0	167.6	167.2	166.8	167.2	167.6	168.0	168.4	168.8	169.0	169.3
117.5°	190.7	190.5	190.4	190.2	190.4	190.5	190.7	190.9	191.1	191.5	191.8
120°	205.5	205.2	204.8	204.5	204.8	205.2	205.5	205.9	206.1	206.2	206.4
122.5°	219.3	219.0	218.5	218.2	218.5	219.0	219.3	219.7	220.0	220.2	220.2
125°	239.5	239.4	239.1	238.9	239.1	239.4	239.5	239.7	240.0	240.2	240.5
127.5°	257.9	257.4	256.9	256.4	256.9	257.4	257.9	258.4	258.7	258.8	259.0
130°	270.1	269.8	269.4	269.1	269.4	269.8	270.1	270.4	270.7	270.9	271.0
132.5°	281.7	281.4	281.0	280.8	281.0	281.4	281.7	282.1	282.2	282.3	282.3
135°	298.0	297.6	297.1	296.7	297.1	297.6	298.0	298.3	298.6	298.8	298.9
137.5°	313.8	313.5	313.1	312.8	313.1	313.5	313.8	314.2	314.4	314.4	314.4
140°	323.6	323.1	322.7	322.3	322.7	323.1	323.6	323.9	324.1	323.9	323.8
142.5°	332.5	332.1	331.7	331.3	331.7	332.1	332.5	332.9	333.1	333.1	333.0
145°	345.8	345.3	344.9	344.5	344.9	345.3	345.8	346.1	346.3	346.2	346.2
147.5°	356.9	356.4	355.9	355.4	355.9	356.4	356.9	357.4	357.6	357.5	357.4
150°	364.1	363.6	363.0	362.5	363.0	363.6	364.1	364.6	364.8	364.7	364.5
152.5°	370.5	370.1	369.5	369.0	369.5	370.1	370.5	371.0	371.2	371.0	370.9
155°	379.4	378.8	378.2	377.7	378.2	378.8	379.4	379.9	380.0	379.8	379.6
157.5°	386.6	386.0	385.5	385.0	385.5	386.0	386.6	387.1	387.3	387.0	386.8
160°	391.2	390.6	390.1	389.6	390.1	390.6	391.2	391.8	391.8	391.6	391.3
162.5°	395.5	394.9	394.3	393.7	394.3	394.9	395.5	396.1	396.2	395.8	395.5
165°	401.0	400.4	399.8	399.3	399.8	400.4	401.0	401.5	401.6	401.1	400.7
167.5°	405.0	404.4	403.8	403.2	403.8	404.4	405.0	405.6	405.7	405.2	404.8
170°	407.3	406.7	406.0	405.4	406.0	406.7	407.3	407.9	407.9	407.3	406.7
172.5°	408.7	408.0	407.4	406.8	407.4	408.0	408.7	409.3	409.3	408.9	408.4
175°	410.5	409.9	409.3	408.7	409.3	409.9	410.5	411.2	411.2	410.7	410.1
177.5°	411.1	410.7	410.3	409.8	410.3	410.7	411.1	411.6	411.6	411.2	410.9
180°	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5



TEST NUMBER: P333610-935

CATALOG NUMBER: S125RDIP-S1270D365U935-4F0-1E-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°	13.9	13.9	13.3	14.7	13.6	14.0	13.9	14.4	15.3	16.3	17.2
90°	5.2	4.9	4.4	4.0	3.4	3.0	2.5	1.9	1.4	0.9	0.3
92.5°	5.2	4.9	4.5	4.0	3.6	3.2	3.2	3.5	4.0	4.3	4.6
95°	5.2	4.9	7.4	10.0	12.6	15.2	16.5	16.7	17.0	17.1	17.3
97.5°	13.1	15.0	20.1	25.1	30.2	35.3	37.7	37.3	36.9	36.6	36.2
100°	42.9	53.0	52.7	52.4	52.2	51.8	51.7	51.4	51.2	51.1	50.8
102.5°	65.7	67.6	67.4	67.2	67.1	66.9	66.7	66.5	66.2	66.0	65.7
105°	90.7	90.7	90.7	90.7	90.7	90.7	90.6	90.3	90.1	89.7	89.5
107.5°	114.8	114.8	114.7	114.5	114.4	114.3	114.2	114.2	114.2	114.2	114.2
110°	130.7	130.9	130.7	130.6	130.4	130.4	130.3	130.3	130.3	130.3	130.3



TEST NUMBER: P333610-935

CATALOG NUMBER: S125RDIP-S1270D365U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	146.2	146.5	146.4	146.3	146.2	146.1	146.0	145.9	145.7	145.5	145.3
115°	169.5	169.8	169.8	169.7	169.6	169.5	169.4	169.0	168.7	168.3	168.0
117.5°	192.2	192.5	192.3	192.0	191.7	191.5	191.4	191.4	191.4	191.4	191.4
120°	206.6	206.6	206.5	206.2	206.0	205.9	205.8	205.9	206.0	206.0	206.0
122.5°	220.4	220.5	220.4	220.3	220.2	220.2	220.0	219.7	219.5	219.2	219.0
125°	240.7	241.1	241.1	241.1	241.1	241.1	240.8	240.3	239.9	239.4	238.9
127.5°	259.2	259.3	259.3	259.4	259.4	259.5	259.3	259.0	258.6	258.3	258.0
130°	271.3	271.5	271.4	271.3	271.3	271.2	271.0	270.7	270.4	270.0	269.7
132.5°	282.4	282.4	282.6	282.8	282.9	283.0	282.9	282.5	282.1	281.7	281.4
135°	299.0	299.2	299.3	299.5	299.5	299.7	299.5	299.2	298.8	298.3	298.0
137.5°	314.3	314.3	314.4	314.5	314.6	314.8	314.6	314.3	313.9	313.6	313.2
140°	323.6	323.6	323.6	323.6	323.7	323.8	323.7	323.6	323.5	323.4	323.2
142.5°	333.0	333.0	332.9	332.9	332.8	332.6	332.5	332.4	332.4	332.3	332.3
145°	346.1	346.0	346.0	346.0	346.0	346.0	345.9	345.9	345.7	345.6	345.4
147.5°	357.3	357.2	357.1	357.1	357.0	356.9	356.9	356.9	357.0	357.0	357.0
150°	364.5	364.3	364.2	364.0	363.9	363.8	363.8	363.9	364.0	364.2	364.3
152.5°	370.7	370.7	370.5	370.4	370.2	370.1	370.1	370.5	370.7	371.1	371.3
155°	379.4	379.2	379.1	378.9	378.8	378.7	378.8	379.2	379.6	380.0	380.5
157.5°	386.6	386.4	386.4	386.4	386.3	386.3	386.5	386.7	386.9	387.2	387.4
160°	391.1	390.8	390.7	390.6	390.5	390.5	390.7	391.1	391.5	391.9	392.3
162.5°	395.0	394.7	394.6	394.5	394.5	394.4	394.6	394.9	395.4	395.8	396.2
165°	400.3	399.9	399.8	399.8	399.7	399.7	399.8	400.2	400.6	401.1	401.4
167.5°	404.2	403.7	403.7	403.6	403.6	403.5	403.6	404.1	404.5	404.9	405.4
170°	406.2	405.7	405.6	405.5	405.5	405.4	405.6	406.1	406.6	407.1	407.5
172.5°	407.9	407.4	407.3	407.2	407.0	406.9	407.1	407.6	408.0	408.5	409.0
175°	409.6	409.1	409.0	408.9	408.8	408.8	409.0	409.3	409.7	410.2	410.5
177.5°	410.4	410.1	410.0	410.0	409.9	409.8	410.0	410.4	410.6	411.0	411.3
180°	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5



TEST NUMBER: P333610-935

CATALOG NUMBER: S125RDIP-S1270D365U935-4F0-1E-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°	16.8	15.3	12.7	13.3	13.5	13.0	13.2	12.7	12.2	12.3	12.4
90°	0.9	1.4	1.9	2.5	3.0	3.4	4.0	4.4	4.9	5.2	5.5
92.5°	4.3	4.0	3.5	3.2	3.2	3.6	4.0	4.5	4.9	5.2	5.5
95°	17.1	17.0	16.7	16.5	15.2	12.6	10.0	7.4	4.9	5.2	5.5
97.5°	36.6	36.9	37.3	37.7	35.3	30.2	25.1	20.1	15.0	13.1	11.2
100°	51.1	51.2	51.4	51.7	51.8	52.2	52.4	52.7	53.0	42.9	32.8
102.5°	66.0	66.2	66.5	66.7	66.9	67.1	67.2	67.4	67.6	65.7	63.7
105°	89.7	90.1	90.3	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
107.5°	114.2	114.2	114.2	114.2	114.3	114.4	114.5	114.7	114.8	114.8	114.9
110°	130.3	130.3	130.3	130.3	130.4	130.4	130.6	130.7	130.9	130.7	130.4





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**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	145.5	145.7	145.9	146.0	146.1	146.2	146.3	146.4	146.5	146.2	145.9
115°	168.3	168.7	169.0	169.4	169.5	169.6	169.7	169.8	169.8	169.5	169.3
117.5°	191.4	191.4	191.4	191.4	191.5	191.7	192.0	192.3	192.5	192.2	191.8
120°	206.0	206.0	205.9	205.8	205.9	206.0	206.2	206.5	206.6	206.6	206.4
122.5°	219.2	219.5	219.7	220.0	220.2	220.2	220.3	220.4	220.5	220.4	220.2
125°	239.4	239.9	240.3	240.8	241.1	241.1	241.1	241.1	241.1	240.7	240.5
127.5°	258.3	258.6	259.0	259.3	259.5	259.4	259.4	259.3	259.3	259.2	259.0
130°	270.0	270.4	270.7	271.0	271.2	271.3	271.3	271.4	271.5	271.3	271.0
132.5°	281.7	282.1	282.5	282.9	283.0	282.9	282.8	282.6	282.4	282.4	282.3
135°	298.3	298.8	299.2	299.5	299.7	299.5	299.5	299.3	299.2	299.0	298.9
137.5°	313.6	313.9	314.3	314.6	314.8	314.6	314.5	314.4	314.3	314.3	314.4
140°	323.4	323.5	323.6	323.7	323.8	323.7	323.6	323.6	323.6	323.6	323.8
142.5°	332.3	332.4	332.4	332.5	332.6	332.8	332.9	332.9	333.0	333.0	333.0
145°	345.6	345.7	345.9	345.9	346.0	346.0	346.0	346.0	346.0	346.1	346.2
147.5°	357.0	357.0	356.9	356.9	356.9	357.0	357.1	357.1	357.2	357.3	357.4
150°	364.2	364.0	363.9	363.8	363.8	363.9	364.0	364.2	364.3	364.5	364.5
152.5°	371.1	370.7	370.5	370.1	370.1	370.2	370.4	370.5	370.7	370.7	370.9
155°	380.0	379.6	379.2	378.8	378.7	378.8	378.9	379.1	379.2	379.4	379.6
157.5°	387.2	386.9	386.7	386.5	386.3	386.3	386.4	386.4	386.4	386.6	386.8
160°	391.9	391.5	391.1	390.7	390.5	390.5	390.6	390.7	390.8	391.1	391.3
162.5°	395.8	395.4	394.9	394.6	394.4	394.5	394.5	394.6	394.7	395.0	395.5
165°	401.1	400.6	400.2	399.8	399.7	399.7	399.8	399.8	399.9	400.3	400.7
167.5°	404.9	404.5	404.1	403.6	403.5	403.6	403.6	403.7	403.7	404.2	404.8
170°	407.1	406.6	406.1	405.6	405.4	405.5	405.5	405.6	405.7	406.2	406.7
172.5°	408.5	408.0	407.6	407.1	406.9	407.0	407.2	407.3	407.4	407.9	408.4
175°	410.2	409.7	409.3	409.0	408.8	408.8	408.9	409.0	409.1	409.6	410.1
177.5°	411.0	410.6	410.4	410.0	409.8	409.9	410.0	410.0	410.1	410.4	410.9
180°	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5



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**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°	13.0	13.6	12.6	12.1	12.1	12.7	13.3
90°	5.9	6.2	6.5	6.7	6.9	7.1	7.3
92.5°	5.9	6.2	6.5	6.5	6.6	6.7	6.8
95°	5.9	6.2	6.4	6.4	6.4	6.4	6.4
97.5°	9.2	7.3	6.4	6.4	6.4	6.4	6.4
100°	22.7	12.7	7.5	7.2	7.0	6.6	6.4
102.5°	61.8	59.9	56.7	52.1	47.5	42.9	38.3
105°	90.7	90.7	90.7	90.6	90.5	90.5	90.4
107.5°	114.9	114.9	114.8	114.6	114.3	114.2	113.9
110°	130.3	130.1	130.0	130.1	130.1	130.2	130.3



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	145.7	145.4	145.3	145.2	145.1	145.0	144.9
115°	169.0	168.8	168.4	168.0	167.6	167.2	166.8
117.5°	191.5	191.1	190.9	190.7	190.5	190.4	190.2
120°	206.2	206.1	205.9	205.5	205.2	204.8	204.5
122.5°	220.2	220.0	219.7	219.3	219.0	218.5	218.2
125°	240.2	240.0	239.7	239.5	239.4	239.1	238.9
127.5°	258.8	258.7	258.4	257.9	257.4	256.9	256.4
130°	270.9	270.7	270.4	270.1	269.8	269.4	269.1
132.5°	282.3	282.2	282.1	281.7	281.4	281.0	280.8
135°	298.8	298.6	298.3	298.0	297.6	297.1	296.7
137.5°	314.4	314.4	314.2	313.8	313.5	313.1	312.8
140°	323.9	324.1	323.9	323.6	323.1	322.7	322.3
142.5°	333.1	333.1	332.9	332.5	332.1	331.7	331.3
145°	346.2	346.3	346.1	345.8	345.3	344.9	344.5
147.5°	357.5	357.6	357.4	356.9	356.4	355.9	355.4
150°	364.7	364.8	364.6	364.1	363.6	363.0	362.5
152.5°	371.0	371.2	371.0	370.5	370.1	369.5	369.0
155°	379.8	380.0	379.9	379.4	378.8	378.2	377.7
157.5°	387.0	387.3	387.1	386.6	386.0	385.5	385.0
160°	391.6	391.8	391.8	391.2	390.6	390.1	389.6
162.5°	395.8	396.2	396.1	395.5	394.9	394.3	393.7
165°	401.1	401.6	401.5	401.0	400.4	399.8	399.3
167.5°	405.2	405.7	405.6	405.0	404.4	403.8	403.2
170°	407.3	407.9	407.9	407.3	406.7	406.0	405.4
172.5°	408.9	409.3	409.3	408.7	408.0	407.4	406.8
175°	410.7	411.2	411.2	410.5	409.9	409.3	408.7
177.5°	411.2	411.6	411.6	411.1	410.7	410.3	409.8
180°	410.5	410.5	410.5	410.5	410.5	410.5	410.5

(END OF REPORT)