

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: P333630-927

Luminaire Tested: **S125RDIP-S1270D1035U927-4F0-1E-UDD-A4**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333630-927  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-19,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S125RDIP-S1270D1035U927-4F0-1E-UDD-A4  
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 1270 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 1035 LUMENS PER FOOT, BATWING OPTIC  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6841.0 lumens  
Efficiency: N/A  
Efficacy: 102.4 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: General Diffuse

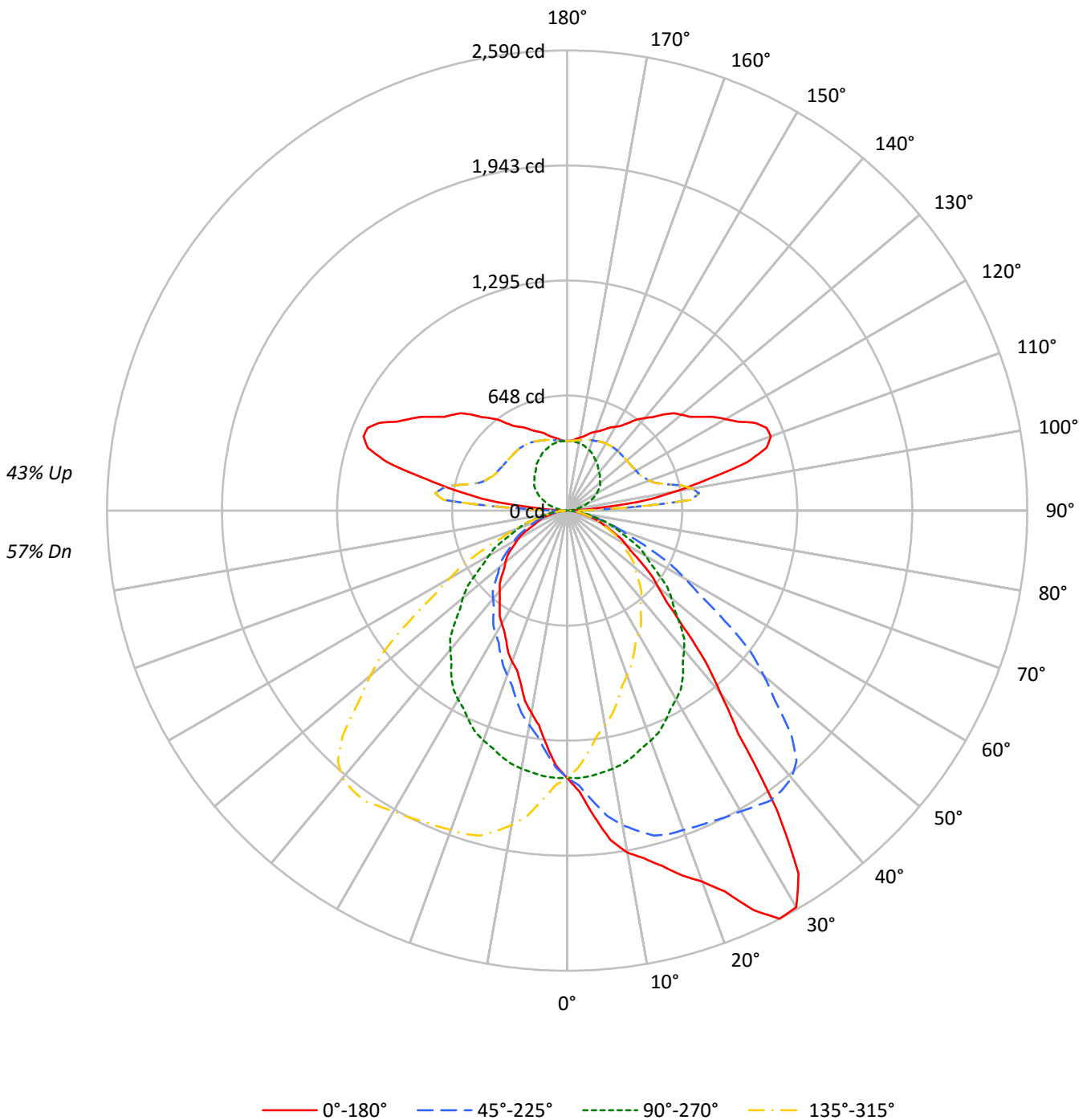
Input Watts (W): 66.8  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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	101	101	101	101	87	87	87	74	74	74	63	63	63	57
1	100	96	92	89	93	89	86	83	77	75	73	66	65	63	56	55	54	49
2	91	84	78	73	85	79	73	69	68	64	61	59	56	53	50	48	46	42
3	84	74	67	61	78	70	63	58	61	56	52	52	49	46	45	42	40	36
4	77	66	58	52	71	62	55	50	54	49	44	47	43	39	40	37	34	31
5	70	59	51	45	65	55	48	43	49	43	39	42	38	34	36	33	30	27
6	65	53	45	39	60	50	43	37	44	38	34	38	34	30	33	29	27	24
7	60	48	40	35	56	45	38	33	40	34	30	35	30	27	30	27	24	21
8	56	44	36	31	52	41	34	29	36	31	27	32	27	24	28	24	21	19
9	52	40	32	27	49	38	31	26	33	28	24	29	25	22	26	22	19	17
10	49	37	29	25	45	35	28	24	31	25	22	27	23	20	24	20	18	16

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	9715	9715	9715	9715
5°	11177	9728	8591	9728
10°	12821	9678	7581	9678
15°	13848	9579	6738	9579
20°	15270	9465	6222	9465
25°	17672	9311	5773	9311
30°	19231	9150	5480	9150
35°	16222	8964	5210	8964
40°	11328	8627	4977	8627
45°	8404	8173	4748	8173
50°	6701	7700	4554	7700
55°	5687	7113	4380	7113
60°	4914	6589	4100	6589
65°	4378	6021	3529	6021
70°	3846	5516	3218	5516
75°	3329	4776	3019	4776
80°	2525	4020	2525	4020
85°	2104	3157	2379	3157



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	144.3	2.1
10°-20°	422.7	6.2
20°-30°	670.3	9.8
30°-40°	808.3	11.8
40°-50°	721.8	10.6
50°-60°	553.6	8.1
60°-70°	359.7	5.3
70°-80°	174.9	2.6
80°-90°	43.9	0.6
90°-100°	284.3	4.2
100°-110°	611.2	8.9
110°-120°	573.6	8.4
120°-130°	464.9	6.8
130°-140°	373.0	5.5
140°-150°	281.5	4.1
150°-160°	198.2	2.9
160°-170°	116.8	1.7
170°-180°	38.0	0.6
0°-30°	1237.3	18.1
0°-40°	2045.6	29.9
0°-60°	3320.9	48.5
0°-90°	3899.5	57.0
90°-120°	1469.1	21.5
90°-150°	2588.5	37.8
90°-180°	2941.0	43.0
0°-180°	6841.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1504	1504	1504	1504	1504	
5°	1724	1501	1325	1501	1724	172
15°	2071	1433	1008	1433	2071	593
25°	2480	1307	810	1307	2480	1139
35°	2058	1137	661	1137	2058	1243
45°	920	895	520	895	920	734
55°	505	632	389	632	505	458
65°	286	394	231	394	286	285
75°	133	191	121	191	133	142
85°	28	43	32	43	28	33
90°	18	1	18	1	18	14
95°	186	26	186	26	186	263
105°	1048	89	1048	89	1048	1042
115°	1167	160	1167	160	1167	1140
125°	920	221	920	221	920	832
135°	764	259	764	259	764	592
145°	603	302	603	302	603	383
155°	505	345	505	345	505	236
165°	443	376	443	376	443	127
175°	398	391	398	391	398	39
180°	392	392	392	392	392	



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3
2.5°	1582.3	1581.4	1583.3	1577.9	1578.3	1569.9	1569.9	1563.5	1555.1	1548.7	1545.8
5°	1724.1	1725.4	1722.8	1713.6	1707.5	1698.2	1687.7	1669.1	1653.7	1638.9	1627.1
7.5°	1870.1	1871.0	1862.8	1860.0	1844.4	1833.0	1809.7	1784.5	1762.1	1733.8	1712.0
10°	1955.0	1954.5	1945.8	1939.0	1925.4	1908.1	1885.3	1855.6	1827.9	1797.0	1767.4
12.5°	2004.5	2002.9	2000.1	1991.9	1979.3	1964.0	1944.6	1915.4	1881.2	1847.4	1812.8
15°	2071.2	2066.8	2058.8	2048.3	2030.4	2012.5	1990.8	1964.9	1932.2	1893.9	1861.8
17.5°	2153.6	2153.8	2141.4	2126.9	2102.5	2070.9	2037.6	1995.7	1951.2	1909.1	1874.9
20°	2221.8	2219.9	2207.7	2179.2	2151.4	2111.9	2073.6	2022.4	1968.0	1913.0	1870.4
22.5°	2319.7	2314.8	2302.0	2264.7	2221.6	2170.7	2112.1	2049.5	1983.9	1921.4	1865.5
25°	2479.9	2476.2	2450.9	2407.7	2347.2	2268.7	2192.2	2106.3	2011.9	1929.8	1861.8
27.5°	2589.6	2585.5	2566.7	2530.9	2475.0	2392.5	2288.9	2174.1	2056.2	1943.2	1845.2
30°	2578.7	2588.0	2585.5	2568.9	2526.9	2452.8	2357.1	2228.0	2087.8	1955.0	1838.3
32.5°	2423.6	2431.9	2453.6	2486.3	2488.8	2459.2	2387.7	2268.5	2123.4	1972.4	1832.9
35°	2057.5	2068.7	2110.7	2176.8	2263.2	2335.4	2350.2	2286.1	2155.8	1993.4	1824.8
37.5°	1581.8	1642.6	1677.9	1747.5	1878.1	2011.0	2138.8	2185.9	2130.4	1984.7	1811.6
40°	1343.7	1358.5	1421.5	1499.9	1609.9	1748.2	1930.4	2061.9	2066.2	1964.9	1790.8
42.5°	1150.1	1168.9	1212.0	1274.7	1368.8	1507.1	1695.2	1868.8	1949.2	1910.6	1763.6
45°	920.1	934.3	965.8	1014.0	1086.2	1200.5	1362.2	1562.9	1722.3	1784.6	1690.8
47.5°	755.8	763.5	790.9	827.6	881.1	964.3	1089.6	1263.8	1454.8	1588.9	1575.7
50°	666.9	675.6	696.6	724.4	769.4	839.8	939.8	1085.0	1282.0	1445.6	1478.4
52.5°	597.8	604.9	618.0	644.3	681.5	735.6	816.3	947.6	1124.9	1298.9	1374.6
55°	505.1	510.1	520.5	535.4	565.1	604.0	673.7	764.5	907.8	1083.2	1194.3
57.5°	428.8	431.3	437.9	451.6	472.1	500.6	551.0	627.9	730.6	888.6	1011.2
60°	380.4	382.9	391.5	400.8	416.8	442.8	482.3	536.0	634.8	765.1	889.2
62.5°	341.8	343.3	347.1	356.3	370.4	390.4	421.5	465.3	543.9	658.4	775.6
65°	286.5	287.2	288.4	295.8	304.4	319.2	339.6	370.5	429.8	516.3	620.0
67.5°	233.5	234.2	238.6	241.2	250.3	258.0	270.0	293.6	335.3	393.6	474.3
70°	203.7	203.2	207.5	210.6	213.7	222.9	230.9	250.1	276.0	320.5	387.8
72.5°	176.1	174.5	176.3	177.4	181.6	187.8	195.9	207.6	227.6	258.3	309.7
75°	133.4	134.0	134.0	135.2	138.3	140.8	143.2	149.4	160.6	180.9	208.7
77.5°	93.6	92.6	95.2	95.6	97.4	100.1	102.3	104.7	109.3	117.7	132.1
80°	67.9	67.9	68.5	70.4	69.8	71.0	74.1	76.6	82.1	87.1	92.0
82.5°	52.1	51.7	52.2	52.6	52.5	53.7	54.8	55.3	57.4	59.9	63.4
85°	28.4	28.4	29.0	29.0	29.6	29.6	30.3	30.3	30.3	30.9	31.5
87.5°	14.5	14.0	13.4	13.4	13.9	14.5	13.9	13.2	13.1	12.9	13.1
90°	18.2	18.2	17.4	17.4	17.4	15.8	15.1	14.3	13.5	12.7	11.1
92.5°	50.5	51.7	52.8	54.7	64.9	76.5	101.7	140.1	206.4	254.9	259.0
95°	185.8	198.5	204.9	228.5	284.7	351.1	448.4	568.6	685.6	700.7	571.8
97.5°	449.2	459.3	482.2	526.6	575.4	667.7	762.5	846.8	867.5	748.3	510.6
100°	616.9	629.5	658.8	715.7	770.2	852.5	934.0	972.7	911.8	714.1	455.5
102.5°	804.1	813.6	845.4	885.9	944.2	999.9	1038.9	1015.1	885.3	654.0	413.8
105°	1047.8	1057.3	1073.2	1099.2	1124.5	1133.2	1098.4	990.1	800.3	573.3	373.3
107.5°	1177.2	1183.5	1188.7	1188.9	1176.1	1134.8	1045.4	900.9	713.6	517.8	356.2
110°	1220.2	1220.2	1214.7	1199.7	1164.1	1096.9	985.3	835.1	664.2	491.9	351.1



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	1215.1	1209.5	1195.7	1169.9	1117.9	1038.6	925.9	783.2	627.6	476.7	351.1
115°	1167.3	1157.0	1134.8	1096.9	1035.1	949.0	840.7	718.0	587.6	460.3	353.5
117.5°	1083.2	1076.9	1054.9	1015.7	954.0	875.0	781.6	676.0	563.7	452.2	358.7
120°	1028.9	1022.5	1001.2	963.2	904.7	835.1	748.1	653.2	550.4	448.4	363.8
122.5°	980.8	975.1	953.7	918.9	866.7	801.5	724.1	636.1	539.0	445.2	368.2
125°	919.7	911.8	894.4	862.0	817.7	760.7	692.0	611.3	523.6	441.2	375.7
127.5°	867.5	864.0	847.6	819.0	778.8	725.5	661.3	586.0	509.3	439.3	384.0
130°	839.1	834.3	818.5	792.4	752.9	701.5	639.8	570.2	499.8	438.1	389.1
132.5°	810.6	805.2	790.7	764.5	725.0	675.5	619.5	554.4	492.2	438.1	394.7
135°	763.9	759.1	745.0	718.8	684.0	639.0	588.4	533.8	483.2	438.1	402.5
137.5°	714.1	708.9	695.8	672.0	640.9	602.6	560.5	516.4	475.2	439.0	409.6
140°	679.3	675.3	663.5	642.9	613.7	580.4	544.1	506.9	471.3	439.7	412.8
142.5°	647.1	643.7	632.5	615.1	590.3	561.5	530.1	498.7	468.2	440.3	414.7
145°	602.6	599.4	590.7	577.3	558.3	536.9	512.5	487.9	463.4	439.7	416.8
147.5°	565.0	563.6	558.5	547.7	532.7	516.6	497.7	477.8	458.5	437.6	417.6
150°	544.1	543.3	540.1	530.6	518.8	504.5	489.5	472.1	454.7	435.7	417.6
152.5°	527.6	526.8	523.7	516.1	506.1	495.0	481.3	465.8	450.3	433.2	416.9
155°	505.3	504.5	502.2	496.6	488.7	480.1	469.0	456.3	442.8	428.6	415.2
157.5°	485.4	485.5	483.3	478.8	472.6	465.8	457.2	446.8	435.9	423.9	413.1
160°	472.1	472.9	471.3	467.4	461.8	456.3	448.4	440.5	430.2	420.7	411.2
162.5°	460.1	460.3	459.9	456.6	452.3	447.4	440.8	433.6	425.2	416.9	409.3
165°	442.8	442.8	442.8	441.2	438.1	434.2	429.4	423.9	417.6	411.2	406.5
167.5°	427.1	427.2	427.9	426.4	424.8	422.0	418.4	414.7	410.1	405.7	402.0
170°	417.6	418.4	418.4	417.6	416.0	414.4	412.0	409.6	405.7	402.5	400.1
172.5°	408.7	409.5	410.7	409.3	409.0	408.1	406.3	403.9	401.2	398.7	397.6
175°	397.8	398.5	400.1	399.3	399.3	399.3	397.8	397.8	395.4	394.6	394.6
177.5°	392.2	392.2	394.1	393.5	394.1	394.1	394.1	393.5	392.8	392.2	392.2
180°	392.2	392.2	392.2	392.2	392.2	392.2	392.2	392.2	392.2	392.2	392.2



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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3
2.5°	1545.8	1542.3	1535.9	1529.9	1522.6	1516.2	1511.6	1506.3	1499.4	1491.0	1484.0
5°	1614.2	1600.6	1582.7	1567.3	1547.5	1532.1	1516.0	1500.6	1485.1	1465.4	1448.1
7.5°	1690.0	1662.0	1634.7	1600.4	1569.2	1541.4	1514.7	1487.7	1461.3	1433.2	1406.2
10°	1736.5	1702.5	1664.9	1621.6	1582.1	1544.4	1509.8	1475.8	1440.0	1408.6	1374.6
12.5°	1780.0	1736.1	1693.0	1638.4	1590.9	1544.9	1500.9	1458.6	1420.3	1379.4	1343.0
15°	1819.2	1776.0	1727.8	1661.1	1595.1	1539.4	1487.6	1432.7	1385.1	1339.4	1298.6
17.5°	1834.4	1789.1	1733.1	1669.0	1596.8	1526.9	1460.1	1399.8	1343.9	1290.6	1244.8
20°	1828.4	1784.6	1727.2	1666.0	1588.9	1516.0	1443.8	1377.1	1314.7	1258.5	1209.7
22.5°	1814.2	1768.8	1713.3	1648.8	1575.5	1498.3	1421.0	1349.9	1284.5	1226.4	1173.1
25°	1792.6	1730.9	1674.1	1611.1	1541.3	1464.7	1385.1	1306.6	1236.9	1177.6	1119.6
27.5°	1770.3	1693.2	1621.0	1558.4	1484.6	1416.3	1339.5	1259.1	1185.7	1125.4	1065.8
30°	1750.0	1663.6	1583.9	1512.9	1443.1	1378.3	1305.4	1227.0	1151.7	1089.3	1028.8
32.5°	1724.8	1632.9	1545.4	1463.5	1396.2	1331.9	1265.9	1191.0	1117.6	1053.2	991.7
35°	1693.2	1575.9	1480.8	1393.8	1319.0	1256.6	1197.4	1136.9	1063.3	996.6	936.8
37.5°	1651.7	1518.6	1408.6	1313.7	1234.9	1172.3	1125.5	1070.2	1003.1	939.2	883.7
40°	1626.5	1477.1	1356.7	1262.8	1180.0	1114.0	1070.2	1023.3	962.1	902.2	846.6
42.5°	1592.9	1439.1	1304.3	1206.5	1123.2	1059.6	1015.3	974.3	923.1	866.6	807.1
45°	1527.1	1365.3	1223.9	1119.0	1035.0	972.6	931.2	894.8	855.9	804.0	752.1
47.5°	1441.4	1288.4	1140.4	1025.8	943.6	885.7	845.5	816.7	788.9	744.8	694.4
50°	1372.8	1225.2	1080.6	969.5	881.8	826.9	789.2	766.4	741.0	700.8	658.9
52.5°	1291.7	1159.9	1018.4	904.8	822.0	770.6	734.4	711.5	690.6	657.9	617.9
55°	1164.0	1048.5	918.9	815.7	739.8	687.9	653.3	631.7	619.4	591.6	560.1
57.5°	1016.7	933.9	819.6	720.2	653.0	601.7	576.4	558.0	544.1	524.4	502.2
60°	913.9	855.9	753.4	658.9	597.1	548.3	525.5	510.1	497.1	480.5	463.1
62.5°	809.7	767.5	678.3	597.1	540.3	499.5	478.1	464.1	449.2	437.9	421.1
65°	670.0	632.3	570.6	507.0	454.5	421.8	406.3	394.0	384.7	372.3	360.6
67.5°	521.2	505.9	463.3	419.4	381.8	352.6	339.3	330.7	319.5	312.1	304.0
70°	429.8	422.4	392.1	363.1	327.9	308.2	295.8	292.1	278.5	271.1	265.5
72.5°	348.8	345.3	327.9	307.8	283.0	265.6	254.3	250.1	241.5	235.5	232.0
75°	239.0	240.2	237.1	224.2	214.9	203.7	193.9	191.4	185.3	180.3	177.2
77.5°	151.1	157.5	157.7	157.1	153.4	146.6	142.5	140.7	134.6	132.8	132.1
80°	103.8	110.5	116.7	116.1	114.9	113.0	110.0	108.1	105.0	103.1	101.9
82.5°	69.2	75.5	80.6	84.0	83.7	81.9	79.8	78.9	78.3	76.9	76.7
85°	32.7	34.0	35.8	40.2	43.3	43.8	43.3	42.6	40.7	41.4	42.0
87.5°	13.4	13.1	13.5	13.2	12.3	14.5	15.6	16.0	15.1	14.5	13.8
90°	10.3	8.7	7.9	6.3	4.8	3.2	1.6	0.8	1.6	3.2	4.8
92.5°	180.5	108.1	64.9	41.7	28.1	18.4	11.7	9.7	11.7	18.4	28.1
95°	353.5	179.5	94.9	59.3	41.9	33.2	26.9	26.1	26.9	33.2	41.9
97.5°	282.2	154.7	98.7	73.0	57.4	48.7	44.3	43.3	44.3	48.7	57.4
100°	256.2	153.4	107.6	83.8	68.8	60.1	57.0	55.4	57.0	60.1	68.8
102.5°	245.5	159.1	118.3	95.2	81.4	72.1	69.6	68.7	69.6	72.1	81.4
105°	241.2	170.8	136.0	113.9	101.2	93.3	89.4	89.4	89.4	93.3	101.2
107.5°	248.5	188.2	154.6	134.6	121.4	114.9	111.2	109.6	111.2	114.9	121.4
110°	255.4	200.9	168.4	147.9	136.0	128.9	125.7	124.1	125.7	128.9	136.0





TEST NUMBER: P333630-927

CATALOG NUMBER: S125RDIP-S1270D1035U927-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	264.3	212.9	181.7	161.8	150.0	142.8	140.3	138.7	140.3	142.8	150.0
115°	277.6	231.7	202.5	182.7	170.8	163.7	161.3	159.8	161.3	163.7	170.8
117.5°	292.8	251.0	223.3	204.2	190.8	183.6	181.1	178.7	181.1	183.6	190.8
120°	302.9	264.9	237.3	217.5	204.1	196.9	193.8	191.4	193.8	196.9	204.1
122.5°	314.3	278.2	250.6	230.8	216.0	208.9	206.4	204.7	206.4	208.9	216.0
125°	329.8	295.8	269.7	249.1	234.1	227.0	223.0	221.4	223.0	227.0	234.1
127.5°	344.0	312.7	287.6	267.0	251.0	242.0	236.9	234.6	236.9	242.0	251.0
130°	353.5	323.4	298.9	278.4	261.7	251.5	245.2	242.8	245.2	251.5	261.7
132.5°	361.7	333.6	309.0	288.5	271.2	259.7	252.1	249.1	252.1	259.7	271.2
135°	373.3	347.1	322.7	301.3	284.7	272.0	262.5	259.4	262.5	272.0	284.7
137.5°	381.8	356.8	334.5	312.5	296.3	283.6	274.7	272.4	274.7	283.6	296.3
140°	387.5	363.8	340.9	319.5	304.4	291.8	282.3	280.0	282.3	291.8	304.4
142.5°	390.6	368.2	346.5	326.5	312.0	299.4	290.6	288.8	290.6	299.4	312.0
145°	395.4	375.7	355.1	336.9	322.7	311.6	303.6	302.1	303.6	311.6	322.7
147.5°	398.2	380.4	362.3	346.3	334.1	323.8	317.0	316.0	317.0	323.8	334.1
150°	400.1	383.6	366.1	352.7	341.7	331.4	325.8	324.2	325.8	331.4	341.7
152.5°	401.4	386.7	370.6	358.4	347.9	339.0	334.1	333.1	334.1	339.0	347.9
155°	402.5	389.8	376.4	365.4	357.4	349.5	344.8	344.8	344.8	349.5	357.4
157.5°	403.3	392.5	381.0	372.6	365.7	358.9	355.1	355.2	355.1	358.9	365.7
160°	403.3	393.8	383.6	376.4	370.1	364.6	361.4	362.2	361.4	364.6	370.1
162.5°	402.7	395.1	386.1	380.2	375.2	370.3	367.1	367.9	367.1	370.3	375.2
165°	401.7	395.4	389.1	384.4	381.2	377.2	374.9	376.4	374.9	377.2	381.2
167.5°	399.8	395.4	390.1	387.2	385.0	382.8	381.4	382.1	381.4	382.8	385.0
170°	398.5	395.4	391.4	389.1	387.5	386.0	385.2	386.0	385.2	386.0	387.5
172.5°	397.3	394.7	391.4	390.3	389.4	387.9	387.1	388.5	387.1	387.9	389.4
175°	395.4	393.8	391.4	391.4	391.4	390.6	389.8	391.4	389.8	390.6	391.4
177.5°	393.5	392.8	391.6	391.6	392.2	391.6	391.6	392.8	391.6	391.6	392.2
180°	392.2	392.2	392.2	392.2	392.2	392.2	392.2	392.2	392.2	392.2	392.2



TEST NUMBER: P333630-927

CATALOG NUMBER: S125RDIP-S1270D1035U927-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3
2.5°	1479.1	1472.2	1467.2	1457.3	1450.4	1447.5	1442.0	1440.5	1446.0	1442.0	1441.5
5°	1435.1	1417.2	1403.0	1388.8	1373.3	1363.5	1348.7	1346.2	1342.5	1336.9	1335.7
7.5°	1382.4	1359.1	1340.8	1317.3	1296.9	1280.5	1261.9	1253.2	1248.4	1241.2	1231.6
10°	1346.8	1319.0	1294.3	1270.8	1245.5	1225.2	1206.7	1192.4	1183.1	1174.5	1170.8
12.5°	1311.7	1283.4	1251.8	1223.4	1195.2	1172.3	1151.8	1142.6	1132.3	1122.1	1113.5
15°	1257.3	1219.6	1185.0	1152.3	1128.2	1103.5	1083.7	1070.2	1054.7	1050.4	1033.7
17.5°	1199.4	1162.5	1122.0	1087.6	1059.6	1032.5	1010.7	995.3	983.7	967.8	960.1
20°	1163.4	1119.6	1080.1	1048.5	1017.6	985.6	963.3	950.4	939.2	926.3	920.1
22.5°	1124.9	1082.0	1041.5	1004.6	973.2	941.6	925.7	912.4	899.7	887.7	879.6
25°	1068.3	1025.1	982.5	944.2	911.5	888.6	870.1	854.6	847.9	836.1	827.4
27.5°	1012.3	966.4	922.2	884.0	858.3	835.8	820.5	808.3	796.1	785.8	778.3
30°	976.3	929.4	881.2	851.0	823.8	802.2	785.4	773.7	764.5	755.2	749.6
32.5°	940.2	891.8	849.1	816.3	790.7	772.0	754.9	743.6	733.9	723.6	717.1
35°	882.4	833.1	798.4	766.4	741.0	723.7	712.0	695.9	687.9	680.5	673.7
37.5°	828.7	782.8	745.4	717.2	695.2	678.0	662.8	654.2	644.3	637.6	632.0
40°	789.2	747.2	713.2	683.6	667.6	648.4	634.2	623.1	615.7	607.0	600.9
42.5°	753.6	714.6	681.6	655.0	634.9	618.8	605.1	593.9	584.6	578.4	573.1
45°	703.4	664.5	632.3	607.6	589.1	573.7	559.4	553.9	541.5	534.2	531.7
47.5°	651.3	616.6	585.5	562.8	543.8	529.2	515.9	504.5	497.7	490.4	486.5
50°	616.3	583.0	553.9	531.7	513.2	497.1	484.7	477.4	468.1	461.3	456.4
52.5°	581.2	550.3	521.3	500.0	484.0	467.9	454.2	446.7	437.9	433.6	430.2
55°	531.1	498.4	473.6	452.7	435.9	421.1	408.2	400.8	395.2	390.9	389.7
57.5°	474.3	448.3	425.3	406.5	389.1	375.2	363.8	356.8	351.9	351.3	347.5
60°	437.2	413.8	392.8	372.3	357.5	344.6	334.7	326.7	321.7	321.1	319.9
62.5°	400.1	377.6	358.1	340.2	326.9	314.4	305.1	296.0	293.1	290.0	287.2
65°	345.2	324.8	308.8	294.5	280.4	269.8	260.6	255.0	248.3	244.5	237.7
67.5°	291.2	275.4	260.0	248.0	236.9	226.9	219.2	211.0	206.4	203.4	198.4
70°	255.6	243.3	227.8	214.9	206.3	198.2	192.0	182.8	179.7	177.2	174.8
72.5°	222.0	211.2	198.2	187.7	179.1	171.5	164.4	160.0	157.0	154.5	153.0
75°	174.8	164.3	153.1	145.8	139.6	133.4	129.7	126.6	125.3	124.8	122.2
77.5°	128.3	122.8	113.8	108.0	103.9	101.4	98.1	96.5	96.3	93.6	92.8
80°	98.2	95.1	87.7	85.2	82.1	79.7	77.8	74.7	71.6	70.4	68.5
82.5°	73.0	69.9	66.9	63.0	60.4	58.9	57.0	55.9	56.3	54.6	53.7
85°	38.9	35.8	34.6	34.0	32.7	34.0	33.4	32.7	32.1	31.5	32.1
87.5°	13.6	13.9	13.6	14.9	13.5	14.4	14.6	14.2	14.3	14.5	14.3
90°	6.3	7.9	8.7	10.3	11.1	12.7	13.5	14.3	15.1	15.8	17.4
92.5°	41.7	64.9	108.1	180.5	259.0	254.9	206.4	140.1	101.7	76.5	64.9
95°	59.3	94.9	179.5	353.5	571.8	700.7	685.6	568.6	448.4	351.1	284.7
97.5°	73.0	98.7	154.7	282.2	510.6	748.3	867.5	846.8	762.5	667.7	575.4
100°	83.8	107.6	153.4	256.2	455.5	714.1	911.8	972.7	934.0	852.5	770.2
102.5°	95.2	118.3	159.1	245.5	413.8	654.0	885.3	1015.1	1038.9	999.9	944.2
105°	113.9	136.0	170.8	241.2	373.3	573.3	800.3	990.1	1098.4	1133.2	1124.5
107.5°	134.6	154.6	188.2	248.5	356.2	517.8	713.6	900.9	1045.4	1134.8	1176.1
110°	147.9	168.4	200.9	255.4	351.1	491.9	664.2	835.1	985.3	1096.9	1164.1



TEST NUMBER: P333630-927

CATALOG NUMBER: S125RDIP-S1270D1035U927-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	161.8	181.7	212.9	264.3	351.1	476.7	627.6	783.2	925.9	1038.6	1117.9
115°	182.7	202.5	231.7	277.6	353.5	460.3	587.6	718.0	840.7	949.0	1035.1
117.5°	204.2	223.3	251.0	292.8	358.7	452.2	563.7	676.0	781.6	875.0	954.0
120°	217.5	237.3	264.9	302.9	363.8	448.4	550.4	653.2	748.1	835.1	904.7
122.5°	230.8	250.6	278.2	314.3	368.2	445.2	539.0	636.1	724.1	801.5	866.7
125°	249.1	269.7	295.8	329.8	375.7	441.2	523.6	611.3	692.0	760.7	817.7
127.5°	267.0	287.6	312.7	344.0	384.0	439.3	509.3	586.0	661.3	725.5	778.8
130°	278.4	298.9	323.4	353.5	389.1	438.1	499.8	570.2	639.8	701.5	752.9
132.5°	288.5	309.0	333.6	361.7	394.7	438.1	492.2	554.4	619.5	675.5	725.0
135°	301.3	322.7	347.1	373.3	402.5	438.1	483.2	533.8	588.4	639.0	684.0
137.5°	312.5	334.5	356.8	381.8	409.6	439.0	475.2	516.4	560.5	602.6	640.9
140°	319.5	340.9	363.8	387.5	412.8	439.7	471.3	506.9	544.1	580.4	613.7
142.5°	326.5	346.5	368.2	390.6	414.7	440.3	468.2	498.7	530.1	561.5	590.3
145°	336.9	355.1	375.7	395.4	416.8	439.7	463.4	487.9	512.5	536.9	558.3
147.5°	346.3	362.3	380.4	398.2	417.6	437.6	458.5	477.8	497.7	516.6	532.7
150°	352.7	366.1	383.6	400.1	417.6	435.7	454.7	472.1	489.5	504.5	518.8
152.5°	358.4	370.6	386.7	401.4	416.9	433.2	450.3	465.8	481.3	495.0	506.1
155°	365.4	376.4	389.8	402.5	415.2	428.6	442.8	456.3	469.0	480.1	488.7
157.5°	372.6	381.0	392.5	403.3	413.1	423.9	435.9	446.8	457.2	465.8	472.6
160°	376.4	383.6	393.8	403.3	411.2	420.7	430.2	440.5	448.4	456.3	461.8
162.5°	380.2	386.1	395.1	402.7	409.3	416.9	425.2	433.6	440.8	447.4	452.3
165°	384.4	389.1	395.4	401.7	406.5	411.2	417.6	423.9	429.4	434.2	438.1
167.5°	387.2	390.1	395.4	399.8	402.0	405.7	410.1	414.7	418.4	422.0	424.8
170°	389.1	391.4	395.4	398.5	400.1	402.5	405.7	409.6	412.0	414.4	416.0
172.5°	390.3	391.4	394.7	397.3	397.6	398.7	401.2	403.9	406.3	408.1	409.0
175°	391.4	391.4	393.8	395.4	394.6	394.6	395.4	397.8	397.8	399.3	399.3
177.5°	391.6	391.6	392.8	393.5	392.2	392.2	392.8	393.5	394.1	394.1	394.1
180°	392.2	392.2	392.2	392.2	392.2	392.2	392.2	392.2	392.2	392.2	392.2



TEST NUMBER: P333630-927

CATALOG NUMBER: S125RDIP-S1270D1035U927-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3
2.5°	1441.1	1435.6	1434.1	1436.1	1434.1	1435.6	1441.1	1441.5	1442.0	1446.0	1440.5
5°	1329.5	1323.3	1326.4	1325.2	1326.4	1323.3	1329.5	1335.7	1336.9	1342.5	1346.2
7.5°	1231.4	1223.8	1215.6	1218.2	1215.6	1223.8	1231.4	1231.6	1241.2	1248.4	1253.2
10°	1162.8	1156.6	1152.9	1156.0	1152.9	1156.6	1162.8	1170.8	1174.5	1183.1	1192.4
12.5°	1105.0	1101.3	1098.0	1096.7	1098.0	1101.3	1105.0	1113.5	1122.1	1132.3	1142.6
15°	1026.3	1018.9	1015.8	1007.8	1015.8	1018.9	1026.3	1033.7	1050.4	1054.7	1070.2
17.5°	953.8	951.3	943.3	939.8	943.3	951.3	953.8	960.1	967.8	983.7	995.3
20°	910.9	908.4	900.3	905.3	900.3	908.4	910.9	920.1	926.3	939.2	950.4
22.5°	875.3	869.8	867.2	865.8	867.2	869.8	875.3	879.6	887.7	899.7	912.4
25°	825.0	817.0	813.9	810.2	813.9	817.0	825.0	827.4	836.1	847.9	854.6
27.5°	774.8	770.6	766.4	765.5	766.4	770.6	774.8	778.3	785.8	796.1	808.3
30°	742.3	737.9	734.8	734.8	734.8	737.9	742.3	749.6	755.2	764.5	773.7
32.5°	713.1	709.8	706.7	706.2	706.7	709.8	713.1	717.1	723.6	733.9	743.6
35°	670.7	665.7	664.5	660.8	664.5	665.7	670.7	673.7	680.5	687.9	695.9
37.5°	626.5	622.4	622.3	621.9	622.3	622.4	626.5	632.0	637.6	644.3	654.2
40°	598.3	595.2	594.7	590.3	594.7	595.2	598.3	600.9	607.0	615.7	623.1
42.5°	568.2	566.6	564.5	562.7	564.5	566.6	568.2	573.1	578.4	584.6	593.9
45°	527.4	523.0	523.0	519.9	523.0	523.0	527.4	531.7	534.2	541.5	553.9
47.5°	485.1	481.8	482.1	479.0	482.1	481.8	485.1	486.5	490.4	497.7	504.5
50°	456.9	455.1	454.5	453.3	454.5	455.1	456.9	456.4	461.3	468.1	477.4
52.5°	428.8	427.9	430.3	427.5	430.3	427.9	428.8	430.2	433.6	437.9	446.7
55°	390.9	389.0	392.8	389.0	392.8	389.0	390.9	389.7	390.9	395.2	400.8
57.5°	347.3	345.5	348.9	347.1	348.9	345.5	347.3	347.5	351.3	351.9	356.8
60°	318.6	315.0	316.8	317.4	316.8	315.0	318.6	319.9	321.1	321.7	326.7
62.5°	284.6	282.3	283.7	280.8	283.7	282.3	284.6	287.2	290.0	293.1	296.0
65°	236.5	234.6	232.2	230.9	232.2	234.6	236.5	237.7	244.5	248.3	255.0
67.5°	198.7	194.2	194.2	195.1	194.2	194.2	198.7	198.4	203.4	206.4	211.0
70°	171.0	171.0	170.4	170.4	170.4	171.0	171.0	174.8	177.2	179.7	182.8
72.5°	151.8	151.3	150.2	149.7	150.2	151.3	151.8	153.0	154.5	157.0	160.0
75°	122.2	122.9	121.7	121.0	121.7	122.9	122.2	122.2	124.8	125.3	126.6
77.5°	90.3	87.7	89.0	87.7	89.0	87.7	90.3	92.8	93.6	96.3	96.5
80°	68.5	67.9	69.8	67.9	69.8	67.9	68.5	68.5	70.4	71.6	74.7
82.5°	54.2	53.6	54.5	53.1	54.5	53.6	54.2	53.7	54.6	56.3	55.9
85°	32.7	32.1	31.5	32.1	31.5	32.1	32.7	32.1	31.5	32.1	32.7
87.5°	14.8	14.3	14.5	14.5	14.5	14.3	14.8	14.3	14.5	14.3	14.2
90°	17.4	17.4	18.2	18.2	18.2	17.4	17.4	17.4	15.8	15.1	14.3
92.5°	54.7	52.8	51.7	50.5	51.7	52.8	54.7	64.9	76.5	101.7	140.1
95°	228.5	204.9	198.5	185.8	198.5	204.9	228.5	284.7	351.1	448.4	568.6
97.5°	526.6	482.2	459.3	449.2	459.3	482.2	526.6	575.4	667.7	762.5	846.8
100°	715.7	658.8	629.5	616.9	629.5	658.8	715.7	770.2	852.5	934.0	972.7
102.5°	885.9	845.4	813.6	804.1	813.6	845.4	885.9	944.2	999.9	1038.9	1015.1
105°	1099.2	1073.2	1057.3	1047.8	1057.3	1073.2	1099.2	1124.5	1133.2	1098.4	990.1
107.5°	1188.9	1188.7	1183.5	1177.2	1183.5	1188.7	1188.9	1176.1	1134.8	1045.4	900.9
110°	1199.7	1214.7	1220.2	1220.2	1220.2	1214.7	1199.7	1164.1	1096.9	985.3	835.1



TEST NUMBER: P333630-927

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**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	1169.9	1195.7	1209.5	1215.1	1209.5	1195.7	1169.9	1117.9	1038.6	925.9	783.2
115°	1096.9	1134.8	1157.0	1167.3	1157.0	1134.8	1096.9	1035.1	949.0	840.7	718.0
117.5°	1015.7	1054.9	1076.9	1083.2	1076.9	1054.9	1015.7	954.0	875.0	781.6	676.0
120°	963.2	1001.2	1022.5	1028.9	1022.5	1001.2	963.2	904.7	835.1	748.1	653.2
122.5°	918.9	953.7	975.1	980.8	975.1	953.7	918.9	866.7	801.5	724.1	636.1
125°	862.0	894.4	911.8	919.7	911.8	894.4	862.0	817.7	760.7	692.0	611.3
127.5°	819.0	847.6	864.0	867.5	864.0	847.6	819.0	778.8	725.5	661.3	586.0
130°	792.4	818.5	834.3	839.1	834.3	818.5	792.4	752.9	701.5	639.8	570.2
132.5°	764.5	790.7	805.2	810.6	805.2	790.7	764.5	725.0	675.5	619.5	554.4
135°	718.8	745.0	759.1	763.9	759.1	745.0	718.8	684.0	639.0	588.4	533.8
137.5°	672.0	695.8	708.9	714.1	708.9	695.8	672.0	640.9	602.6	560.5	516.4
140°	642.9	663.5	675.3	679.3	675.3	663.5	642.9	613.7	580.4	544.1	506.9
142.5°	615.1	632.5	643.7	647.1	643.7	632.5	615.1	590.3	561.5	530.1	498.7
145°	577.3	590.7	599.4	602.6	599.4	590.7	577.3	558.3	536.9	512.5	487.9
147.5°	547.7	558.5	563.6	565.0	563.6	558.5	547.7	532.7	516.6	497.7	477.8
150°	530.6	540.1	543.3	544.1	543.3	540.1	530.6	518.8	504.5	489.5	472.1
152.5°	516.1	523.7	526.8	527.6	526.8	523.7	516.1	506.1	495.0	481.3	465.8
155°	496.6	502.2	504.5	505.3	504.5	502.2	496.6	488.7	480.1	469.0	456.3
157.5°	478.8	483.3	485.5	485.4	485.5	483.3	478.8	472.6	465.8	457.2	446.8
160°	467.4	471.3	472.9	472.1	472.9	471.3	467.4	461.8	456.3	448.4	440.5
162.5°	456.6	459.9	460.3	460.1	460.3	459.9	456.6	452.3	447.4	440.8	433.6
165°	441.2	442.8	442.8	442.8	442.8	442.8	441.2	438.1	434.2	429.4	423.9
167.5°	426.4	427.9	427.2	427.1	427.2	427.9	426.4	424.8	422.0	418.4	414.7
170°	417.6	418.4	418.4	417.6	418.4	418.4	417.6	416.0	414.4	412.0	409.6
172.5°	409.3	410.7	409.5	408.7	409.5	410.7	409.3	409.0	408.1	406.3	403.9
175°	399.3	400.1	398.5	397.8	398.5	400.1	399.3	399.3	399.3	397.8	397.8
177.5°	393.5	394.1	392.2	392.2	392.2	394.1	393.5	394.1	394.1	394.1	393.5
180°	392.2	392.2	392.2	392.2	392.2	392.2	392.2	392.2	392.2	392.2	392.2



TEST NUMBER: P333630-927

CATALOG NUMBER: S125RDIP-S1270D1035U927-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3
2.5°	1442.0	1447.5	1450.4	1457.3	1467.2	1472.2	1479.1	1484.0	1491.0	1499.4	1506.3
5°	1348.7	1363.5	1373.3	1388.8	1403.0	1417.2	1435.1	1448.1	1465.4	1485.1	1500.6
7.5°	1261.9	1280.5	1296.9	1317.3	1340.8	1359.1	1382.4	1406.2	1433.2	1461.3	1487.7
10°	1206.7	1225.2	1245.5	1270.8	1294.3	1319.0	1346.8	1374.6	1408.6	1440.0	1475.8
12.5°	1151.8	1172.3	1195.2	1223.4	1251.8	1283.4	1311.7	1343.0	1379.4	1420.3	1458.6
15°	1083.7	1103.5	1128.2	1152.3	1185.0	1219.6	1257.3	1298.6	1339.4	1385.1	1432.7
17.5°	1010.7	1032.5	1059.6	1087.6	1122.0	1162.5	1199.4	1244.8	1290.6	1343.9	1399.8
20°	963.3	985.6	1017.6	1048.5	1080.1	1119.6	1163.4	1209.7	1258.5	1314.7	1377.1
22.5°	925.7	941.6	973.2	1004.6	1041.5	1082.0	1124.9	1173.1	1226.4	1284.5	1349.9
25°	870.1	888.6	911.5	944.2	982.5	1025.1	1068.3	1119.6	1177.6	1236.9	1306.6
27.5°	820.5	835.8	858.3	884.0	922.2	966.4	1012.3	1065.8	1125.4	1185.7	1259.1
30°	785.4	802.2	823.8	851.0	881.2	929.4	976.3	1028.8	1089.3	1151.7	1227.0
32.5°	754.9	772.0	790.7	816.3	849.1	891.8	940.2	991.7	1053.2	1117.6	1191.0
35°	712.0	723.7	741.0	766.4	798.4	833.1	882.4	936.8	996.6	1063.3	1136.9
37.5°	662.8	678.0	695.2	717.2	745.4	782.8	828.7	883.7	939.2	1003.1	1070.2
40°	634.2	648.4	667.6	683.6	713.2	747.2	789.2	846.6	902.2	962.1	1023.3
42.5°	605.1	618.8	634.9	655.0	681.6	714.6	753.6	807.1	866.6	923.1	974.3
45°	559.4	573.7	589.1	607.6	632.3	664.5	703.4	752.1	804.0	855.9	894.8
47.5°	515.9	529.2	543.8	562.8	585.5	616.6	651.3	694.4	744.8	788.9	816.7
50°	484.7	497.1	513.2	531.7	553.9	583.0	616.3	658.9	700.8	741.0	766.4
52.5°	454.2	467.9	484.0	500.0	521.3	550.3	581.2	617.9	657.9	690.6	711.5
55°	408.2	421.1	435.9	452.7	473.6	498.4	531.1	560.1	591.6	619.4	631.7
57.5°	363.8	375.2	389.1	406.5	425.3	448.3	474.3	502.2	524.4	544.1	558.0
60°	334.7	344.6	357.5	372.3	392.8	413.8	437.2	463.1	480.5	497.1	510.1
62.5°	305.1	314.4	326.9	340.2	358.1	377.6	400.1	421.1	437.9	449.2	464.1
65°	260.6	269.8	280.4	294.5	308.8	324.8	345.2	360.6	372.3	384.7	394.0
67.5°	219.2	226.9	236.9	248.0	260.0	275.4	291.2	304.0	312.1	319.5	330.7
70°	192.0	198.2	206.3	214.9	227.8	243.3	255.6	265.5	271.1	278.5	292.1
72.5°	164.4	171.5	179.1	187.7	198.2	211.2	222.0	232.0	235.5	241.5	250.1
75°	129.7	133.4	139.6	145.8	153.1	164.3	174.8	177.2	180.3	185.3	191.4
77.5°	98.1	101.4	103.9	108.0	113.8	122.8	128.3	132.1	132.8	134.6	140.7
80°	77.8	79.7	82.1	85.2	87.7	95.1	98.2	101.9	103.1	105.0	108.1
82.5°	57.0	58.9	60.4	63.0	66.9	69.9	73.0	76.7	76.9	78.3	78.9
85°	33.4	34.0	32.7	34.0	34.6	35.8	38.9	42.0	41.4	40.7	42.6
87.5°	14.6	14.4	13.5	14.9	13.6	13.9	13.6	13.8	14.5	15.1	16.0
90°	13.5	12.7	11.1	10.3	8.7	7.9	6.3	4.8	3.2	1.6	0.8
92.5°	206.4	254.9	259.0	180.5	108.1	64.9	41.7	28.1	18.4	11.7	9.7
95°	685.6	700.7	571.8	353.5	179.5	94.9	59.3	41.9	33.2	26.9	26.1
97.5°	867.5	748.3	510.6	282.2	154.7	98.7	73.0	57.4	48.7	44.3	43.3
100°	911.8	714.1	455.5	256.2	153.4	107.6	83.8	68.8	60.1	57.0	55.4
102.5°	885.3	654.0	413.8	245.5	159.1	118.3	95.2	81.4	72.1	69.6	68.7
105°	800.3	573.3	373.3	241.2	170.8	136.0	113.9	101.2	93.3	89.4	89.4
107.5°	713.6	517.8	356.2	248.5	188.2	154.6	134.6	121.4	114.9	111.2	109.6
110°	664.2	491.9	351.1	255.4	200.9	168.4	147.9	136.0	128.9	125.7	124.1



TEST NUMBER: P333630-927

CATALOG NUMBER: S125RDIP-S1270D1035U927-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	627.6	476.7	351.1	264.3	212.9	181.7	161.8	150.0	142.8	140.3	138.7
115°	587.6	460.3	353.5	277.6	231.7	202.5	182.7	170.8	163.7	161.3	159.8
117.5°	563.7	452.2	358.7	292.8	251.0	223.3	204.2	190.8	183.6	181.1	178.7
120°	550.4	448.4	363.8	302.9	264.9	237.3	217.5	204.1	196.9	193.8	191.4
122.5°	539.0	445.2	368.2	314.3	278.2	250.6	230.8	216.0	208.9	206.4	204.7
125°	523.6	441.2	375.7	329.8	295.8	269.7	249.1	234.1	227.0	223.0	221.4
127.5°	509.3	439.3	384.0	344.0	312.7	287.6	267.0	251.0	242.0	236.9	234.6
130°	499.8	438.1	389.1	353.5	323.4	298.9	278.4	261.7	251.5	245.2	242.8
132.5°	492.2	438.1	394.7	361.7	333.6	309.0	288.5	271.2	259.7	252.1	249.1
135°	483.2	438.1	402.5	373.3	347.1	322.7	301.3	284.7	272.0	262.5	259.4
137.5°	475.2	439.0	409.6	381.8	356.8	334.5	312.5	296.3	283.6	274.7	272.4
140°	471.3	439.7	412.8	387.5	363.8	340.9	319.5	304.4	291.8	282.3	280.0
142.5°	468.2	440.3	414.7	390.6	368.2	346.5	326.5	312.0	299.4	290.6	288.8
145°	463.4	439.7	416.8	395.4	375.7	355.1	336.9	322.7	311.6	303.6	302.1
147.5°	458.5	437.6	417.6	398.2	380.4	362.3	346.3	334.1	323.8	317.0	316.0
150°	454.7	435.7	417.6	400.1	383.6	366.1	352.7	341.7	331.4	325.8	324.2
152.5°	450.3	433.2	416.9	401.4	386.7	370.6	358.4	347.9	339.0	334.1	333.1
155°	442.8	428.6	415.2	402.5	389.8	376.4	365.4	357.4	349.5	344.8	344.8
157.5°	435.9	423.9	413.1	403.3	392.5	381.0	372.6	365.7	358.9	355.1	355.2
160°	430.2	420.7	411.2	403.3	393.8	383.6	376.4	370.1	364.6	361.4	362.2
162.5°	425.2	416.9	409.3	402.7	395.1	386.1	380.2	375.2	370.3	367.1	367.9
165°	417.6	411.2	406.5	401.7	395.4	389.1	384.4	381.2	377.2	374.9	376.4
167.5°	410.1	405.7	402.0	399.8	395.4	390.1	387.2	385.0	382.8	381.4	382.1
170°	405.7	402.5	400.1	398.5	395.4	391.4	389.1	387.5	386.0	385.2	386.0
172.5°	401.2	398.7	397.6	397.3	394.7	391.4	390.3	389.4	387.9	387.1	388.5
175°	395.4	394.6	394.6	395.4	393.8	391.4	391.4	391.4	390.6	389.8	391.4
177.5°	392.8	392.2	392.2	393.5	392.8	391.6	391.6	392.2	391.6	391.6	392.8
180°	392.2	392.2	392.2	392.2	392.2	392.2	392.2	392.2	392.2	392.2	392.2



TEST NUMBER: P333630-927

CATALOG NUMBER: S125RDIP-S1270D1035U927-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3
2.5°	1511.6	1516.2	1522.6	1529.9	1535.9	1542.3	1545.8	1545.8	1548.7	1555.1	1563.5
5°	1516.0	1532.1	1547.5	1567.3	1582.7	1600.6	1614.2	1627.1	1638.9	1653.7	1669.1
7.5°	1514.7	1541.4	1569.2	1600.4	1634.7	1662.0	1690.0	1712.0	1733.8	1762.1	1784.5
10°	1509.8	1544.4	1582.1	1621.6	1664.9	1702.5	1736.5	1767.4	1797.0	1827.9	1855.6
12.5°	1500.9	1544.9	1590.9	1638.4	1693.0	1736.1	1780.0	1812.8	1847.4	1881.2	1915.4
15°	1487.6	1539.4	1595.1	1661.1	1727.8	1776.0	1819.2	1861.8	1893.9	1932.2	1964.9
17.5°	1460.1	1526.9	1596.8	1669.0	1733.1	1789.1	1834.4	1874.9	1909.1	1951.2	1995.7
20°	1443.8	1516.0	1588.9	1666.0	1727.2	1784.6	1828.4	1870.4	1913.0	1968.0	2022.4
22.5°	1421.0	1498.3	1575.5	1648.8	1713.3	1768.8	1814.2	1865.5	1921.4	1983.9	2049.5
25°	1385.1	1464.7	1541.3	1611.1	1674.1	1730.9	1792.6	1861.8	1929.8	2011.9	2106.3
27.5°	1339.5	1416.3	1484.6	1558.4	1621.0	1693.2	1770.3	1845.2	1943.2	2056.2	2174.1
30°	1305.4	1378.3	1443.1	1512.9	1583.9	1663.6	1750.0	1838.3	1955.0	2087.8	2228.0
32.5°	1265.9	1331.9	1396.2	1463.5	1545.4	1632.9	1724.8	1832.9	1972.4	2123.4	2268.5
35°	1197.4	1256.6	1319.0	1393.8	1480.8	1575.9	1693.2	1824.8	1993.4	2155.8	2286.1
37.5°	1125.5	1172.3	1234.9	1313.7	1408.6	1518.6	1651.7	1811.6	1984.7	2130.4	2185.9
40°	1070.2	1114.0	1180.0	1262.8	1356.7	1477.1	1626.5	1790.8	1964.9	2066.2	2061.9
42.5°	1015.3	1059.6	1123.2	1206.5	1304.3	1439.1	1592.9	1763.6	1910.6	1949.2	1868.8
45°	931.2	972.6	1035.0	1119.0	1223.9	1365.3	1527.1	1690.8	1784.6	1722.3	1562.9
47.5°	845.5	885.7	943.6	1025.8	1140.4	1288.4	1441.4	1575.7	1588.9	1454.8	1263.8
50°	789.2	826.9	881.8	969.5	1080.6	1225.2	1372.8	1478.4	1445.6	1282.0	1085.0
52.5°	734.4	770.6	822.0	904.8	1018.4	1159.9	1291.7	1374.6	1298.9	1124.9	947.6
55°	653.3	687.9	739.8	815.7	918.9	1048.5	1164.0	1194.3	1083.2	907.8	764.5
57.5°	576.4	601.7	653.0	720.2	819.6	933.9	1016.7	1011.2	888.6	730.6	627.9
60°	525.5	548.3	597.1	658.9	753.4	855.9	913.9	889.2	765.1	634.8	536.0
62.5°	478.1	499.5	540.3	597.1	678.3	767.5	809.7	775.6	658.4	543.9	465.3
65°	406.3	421.8	454.5	507.0	570.6	632.3	670.0	620.0	516.3	429.8	370.5
67.5°	339.3	352.6	381.8	419.4	463.3	505.9	521.2	474.3	393.6	335.3	293.6
70°	295.8	308.2	327.9	363.1	392.1	422.4	429.8	387.8	320.5	276.0	250.1
72.5°	254.3	265.6	283.0	307.8	327.9	345.3	348.8	309.7	258.3	227.6	207.6
75°	193.9	203.7	214.9	224.2	237.1	240.2	239.0	208.7	180.9	160.6	149.4
77.5°	142.5	146.6	153.4	157.1	157.7	157.5	151.1	132.1	117.7	109.3	104.7
80°	110.0	113.0	114.9	116.1	116.7	110.5	103.8	92.0	87.1	82.1	76.6
82.5°	79.8	81.9	83.7	84.0	80.6	75.5	69.2	63.4	59.9	57.4	55.3
85°	43.3	43.8	43.3	40.2	35.8	34.0	32.7	31.5	30.9	30.3	30.3
87.5°	15.6	14.5	12.3	13.2	13.5	13.1	13.4	13.1	12.9	13.1	13.2
90°	1.6	3.2	4.8	6.3	7.9	8.7	10.3	11.1	12.7	13.5	14.3
92.5°	11.7	18.4	28.1	41.7	64.9	108.1	180.5	259.0	254.9	206.4	140.1
95°	26.9	33.2	41.9	59.3	94.9	179.5	353.5	571.8	700.7	685.6	568.6
97.5°	44.3	48.7	57.4	73.0	98.7	154.7	282.2	510.6	748.3	867.5	846.8
100°	57.0	60.1	68.8	83.8	107.6	153.4	256.2	455.5	714.1	911.8	972.7
102.5°	69.6	72.1	81.4	95.2	118.3	159.1	245.5	413.8	654.0	885.3	1015.1
105°	89.4	93.3	101.2	113.9	136.0	170.8	241.2	373.3	573.3	800.3	990.1
107.5°	111.2	114.9	121.4	134.6	154.6	188.2	248.5	356.2	517.8	713.6	900.9
110°	125.7	128.9	136.0	147.9	168.4	200.9	255.4	351.1	491.9	664.2	835.1





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**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	140.3	142.8	150.0	161.8	181.7	212.9	264.3	351.1	476.7	627.6	783.2
115°	161.3	163.7	170.8	182.7	202.5	231.7	277.6	353.5	460.3	587.6	718.0
117.5°	181.1	183.6	190.8	204.2	223.3	251.0	292.8	358.7	452.2	563.7	676.0
120°	193.8	196.9	204.1	217.5	237.3	264.9	302.9	363.8	448.4	550.4	653.2
122.5°	206.4	208.9	216.0	230.8	250.6	278.2	314.3	368.2	445.2	539.0	636.1
125°	223.0	227.0	234.1	249.1	269.7	295.8	329.8	375.7	441.2	523.6	611.3
127.5°	236.9	242.0	251.0	267.0	287.6	312.7	344.0	384.0	439.3	509.3	586.0
130°	245.2	251.5	261.7	278.4	298.9	323.4	353.5	389.1	438.1	499.8	570.2
132.5°	252.1	259.7	271.2	288.5	309.0	333.6	361.7	394.7	438.1	492.2	554.4
135°	262.5	272.0	284.7	301.3	322.7	347.1	373.3	402.5	438.1	483.2	533.8
137.5°	274.7	283.6	296.3	312.5	334.5	356.8	381.8	409.6	439.0	475.2	516.4
140°	282.3	291.8	304.4	319.5	340.9	363.8	387.5	412.8	439.7	471.3	506.9
142.5°	290.6	299.4	312.0	326.5	346.5	368.2	390.6	414.7	440.3	468.2	498.7
145°	303.6	311.6	322.7	336.9	355.1	375.7	395.4	416.8	439.7	463.4	487.9
147.5°	317.0	323.8	334.1	346.3	362.3	380.4	398.2	417.6	437.6	458.5	477.8
150°	325.8	331.4	341.7	352.7	366.1	383.6	400.1	417.6	435.7	454.7	472.1
152.5°	334.1	339.0	347.9	358.4	370.6	386.7	401.4	416.9	433.2	450.3	465.8
155°	344.8	349.5	357.4	365.4	376.4	389.8	402.5	415.2	428.6	442.8	456.3
157.5°	355.1	358.9	365.7	372.6	381.0	392.5	403.3	413.1	423.9	435.9	446.8
160°	361.4	364.6	370.1	376.4	383.6	393.8	403.3	411.2	420.7	430.2	440.5
162.5°	367.1	370.3	375.2	380.2	386.1	395.1	402.7	409.3	416.9	425.2	433.6
165°	374.9	377.2	381.2	384.4	389.1	395.4	401.7	406.5	411.2	417.6	423.9
167.5°	381.4	382.8	385.0	387.2	390.1	395.4	399.8	402.0	405.7	410.1	414.7
170°	385.2	386.0	387.5	389.1	391.4	395.4	398.5	400.1	402.5	405.7	409.6
172.5°	387.1	387.9	389.4	390.3	391.4	394.7	397.3	397.6	398.7	401.2	403.9
175°	389.8	390.6	391.4	391.4	391.4	393.8	395.4	394.6	394.6	395.4	397.8
177.5°	391.6	391.6	392.2	391.6	391.6	392.8	393.5	392.2	392.2	392.8	393.5
180°	392.2	392.2	392.2	392.2	392.2	392.2	392.2	392.2	392.2	392.2	392.2



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3	1504.3
2.5°	1569.9	1569.9	1578.3	1577.9	1583.3	1581.4	1582.3
5°	1687.7	1698.2	1707.5	1713.6	1722.8	1725.4	1724.1
7.5°	1809.7	1833.0	1844.4	1860.0	1862.8	1871.0	1870.1
10°	1885.3	1908.1	1925.4	1939.0	1945.8	1954.5	1955.0
12.5°	1944.6	1964.0	1979.3	1991.9	2000.1	2002.9	2004.5
15°	1990.8	2012.5	2030.4	2048.3	2058.8	2066.8	2071.2
17.5°	2037.6	2070.9	2102.5	2126.9	2141.4	2153.8	2153.6
20°	2073.6	2111.9	2151.4	2179.2	2207.7	2219.9	2221.8
22.5°	2112.1	2170.7	2221.6	2264.7	2302.0	2314.8	2319.7
25°	2192.2	2268.7	2347.2	2407.7	2450.9	2476.2	2479.9
27.5°	2288.9	2392.5	2475.0	2530.9	2566.7	2585.5	2589.6
30°	2357.1	2452.8	2526.9	2568.9	2585.5	2588.0	2578.7
32.5°	2387.7	2459.2	2488.8	2486.3	2453.6	2431.9	2423.6
35°	2350.2	2335.4	2263.2	2176.8	2110.7	2068.7	2057.5
37.5°	2138.8	2011.0	1878.1	1747.5	1677.9	1642.6	1581.8
40°	1930.4	1748.2	1609.9	1499.9	1421.5	1358.5	1343.7
42.5°	1695.2	1507.1	1368.8	1274.7	1212.0	1168.9	1150.1
45°	1362.2	1200.5	1086.2	1014.0	965.8	934.3	920.1
47.5°	1089.6	964.3	881.1	827.6	790.9	763.5	755.8
50°	939.8	839.8	769.4	724.4	696.6	675.6	666.9
52.5°	816.3	735.6	681.5	644.3	618.0	604.9	597.8
55°	673.7	604.0	565.1	535.4	520.5	510.1	505.1
57.5°	551.0	500.6	472.1	451.6	437.9	431.3	428.8
60°	482.3	442.8	416.8	400.8	391.5	382.9	380.4
62.5°	421.5	390.4	370.4	356.3	347.1	343.3	341.8
65°	339.6	319.2	304.4	295.8	288.4	287.2	286.5
67.5°	270.0	258.0	250.3	241.2	238.6	234.2	233.5
70°	230.9	222.9	213.7	210.6	207.5	203.2	203.7
72.5°	195.9	187.8	181.6	177.4	176.3	174.5	176.1
75°	143.2	140.8	138.3	135.2	134.0	134.0	133.4
77.5°	102.3	100.1	97.4	95.6	95.2	92.6	93.6
80°	74.1	71.0	69.8	70.4	68.5	67.9	67.9
82.5°	54.8	53.7	52.5	52.6	52.2	51.7	52.1
85°	30.3	29.6	29.6	29.0	29.0	28.4	28.4
87.5°	13.9	14.5	13.9	13.4	13.4	14.0	14.5
90°	15.1	15.8	17.4	17.4	17.4	18.2	18.2
92.5°	101.7	76.5	64.9	54.7	52.8	51.7	50.5
95°	448.4	351.1	284.7	228.5	204.9	198.5	185.8
97.5°	762.5	667.7	575.4	526.6	482.2	459.3	449.2
100°	934.0	852.5	770.2	715.7	658.8	629.5	616.9
102.5°	1038.9	999.9	944.2	885.9	845.4	813.6	804.1
105°	1098.4	1133.2	1124.5	1099.2	1073.2	1057.3	1047.8
107.5°	1045.4	1134.8	1176.1	1188.9	1188.7	1183.5	1177.2
110°	985.3	1096.9	1164.1	1199.7	1214.7	1220.2	1220.2



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	925.9	1038.6	1117.9	1169.9	1195.7	1209.5	1215.1
115°	840.7	949.0	1035.1	1096.9	1134.8	1157.0	1167.3
117.5°	781.6	875.0	954.0	1015.7	1054.9	1076.9	1083.2
120°	748.1	835.1	904.7	963.2	1001.2	1022.5	1028.9
122.5°	724.1	801.5	866.7	918.9	953.7	975.1	980.8
125°	692.0	760.7	817.7	862.0	894.4	911.8	919.7
127.5°	661.3	725.5	778.8	819.0	847.6	864.0	867.5
130°	639.8	701.5	752.9	792.4	818.5	834.3	839.1
132.5°	619.5	675.5	725.0	764.5	790.7	805.2	810.6
135°	588.4	639.0	684.0	718.8	745.0	759.1	763.9
137.5°	560.5	602.6	640.9	672.0	695.8	708.9	714.1
140°	544.1	580.4	613.7	642.9	663.5	675.3	679.3
142.5°	530.1	561.5	590.3	615.1	632.5	643.7	647.1
145°	512.5	536.9	558.3	577.3	590.7	599.4	602.6
147.5°	497.7	516.6	532.7	547.7	558.5	563.6	565.0
150°	489.5	504.5	518.8	530.6	540.1	543.3	544.1
152.5°	481.3	495.0	506.1	516.1	523.7	526.8	527.6
155°	469.0	480.1	488.7	496.6	502.2	504.5	505.3
157.5°	457.2	465.8	472.6	478.8	483.3	485.5	485.4
160°	448.4	456.3	461.8	467.4	471.3	472.9	472.1
162.5°	440.8	447.4	452.3	456.6	459.9	460.3	460.1
165°	429.4	434.2	438.1	441.2	442.8	442.8	442.8
167.5°	418.4	422.0	424.8	426.4	427.9	427.2	427.1
170°	412.0	414.4	416.0	417.6	418.4	418.4	417.6
172.5°	406.3	408.1	409.0	409.3	410.7	409.5	408.7
175°	397.8	399.3	399.3	399.3	400.1	398.5	397.8
177.5°	394.1	394.1	394.1	393.5	394.1	392.2	392.2
180°	392.2	392.2	392.2	392.2	392.2	392.2	392.2

(END OF REPORT)