

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: P333324-927

Luminaire Tested: **S125DIP-S1270D1035U927-4F0-1E-UDD-A4**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333324-927  
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: S125DIP-S1270D1035U927-4F0-1E-UDD-A4  
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 1270 LUMENS PER FOOT, ASYMMETRIC DIFFUSER  
UPLIGHT 1035 LUMENS PER FOOT, BATWING OPTIC  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7049.1 lumens  
Efficiency: N/A  
Efficacy: 105.5 lumens/watt  
Spacing Criteria (0/90/45): 1.43 / 1.23 / 1.52  
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')  
CIE Type: General Diffuse

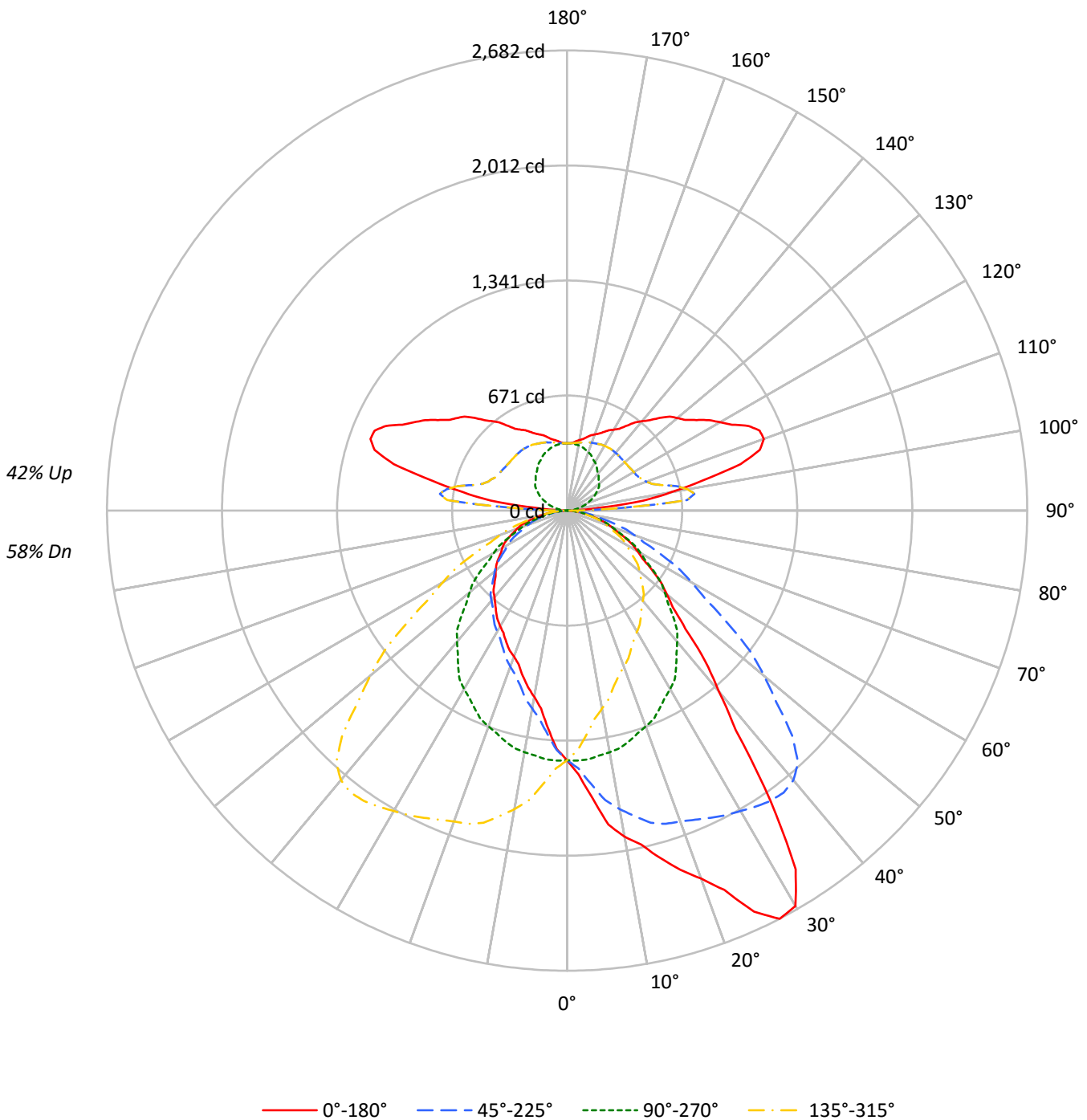
Input Watts (W): 66.8  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P333324-927

CATALOG NUMBER: S125DIP-S1270D1035U927-4F0-1E-UDD-A4

### Luminous Intensity Polar Plot





TEST NUMBER: P333324-927

CATALOG NUMBER: S125DIP-S1270D1035U927-4F0-1E-UDD-A4

**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	64	64	64	58
1	100	96	92	88	93	89	86	83	78	75	73	67	65	63	57	56	54	50
2	91	84	78	73	85	78	73	69	68	64	61	59	56	53	50	48	46	42
3	83	74	67	61	77	69	63	58	60	55	51	52	48	45	45	42	40	36
4	76	66	58	52	71	61	54	49	54	48	44	47	42	39	40	37	34	31
5	70	58	50	44	65	55	48	42	48	42	38	42	37	34	36	33	30	27
6	65	53	44	39	60	49	42	37	44	38	33	38	33	30	33	29	26	24
7	60	47	39	34	56	45	37	32	39	34	29	35	30	26	30	26	23	21
8	56	43	35	30	52	41	34	29	36	30	26	32	27	24	28	24	21	19
9	52	39	32	27	48	37	30	26	33	27	23	29	24	21	25	22	19	17
10	48	36	29	24	45	34	28	23	30	25	21	27	22	19	24	20	17	15

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

	0°	90°	180°	270°
0°	9396	9396	9396	9396
5°	10881	9428	8255	9428
10°	12660	9379	7233	9379
15°	14014	9310	6672	9310
20°	15687	9201	6222	9201
25°	18377	9079	6002	9079
30°	19848	8957	5812	8957
35°	16320	8729	5687	8729
40°	11600	8413	5550	8413
45°	8912	7986	5471	7986
50°	7607	7458	5460	7458
55°	6773	6939	5507	6939
60°	6110	6373	5647	6373
65°	5644	5804	5793	5804
70°	5130	5212	5876	5212
75°	4531	4591	5827	4591
80°	3812	3745	5326	3745
85°	3016	2697	4305	2697



TEST NUMBER: P333324-927

CATALOG NUMBER: S125DIP-S1270D1035U927-4F0-1E-UDD-A4

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	140.1	2.0
10°-20°	417.0	5.9
20°-30°	677.1	9.6
30°-40°	826.0	11.7
40°-50°	751.4	10.7
50°-60°	598.5	8.5
60°-70°	416.9	5.9
70°-80°	222.3	3.2
80°-90°	58.3	0.8
90°-100°	284.3	4.0
100°-110°	611.2	8.7
110°-120°	573.6	8.1
120°-130°	464.9	6.6
130°-140°	373.0	5.3
140°-150°	281.5	4.0
150°-160°	198.2	2.8
160°-170°	116.8	1.7
170°-180°	38.0	0.5
0°-30°	1234.2	17.5
0°-40°	2060.2	29.2
0°-60°	3410.1	48.4
0°-90°	4107.6	58.3
90°-120°	1469.1	20.8
90°-150°	2588.5	36.7
90°-180°	2941.0	41.7
0°-180°	7049.1	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1455	1455	1455	1455	1455	
5°	1678	1454	1273	1454	1678	169
15°	2096	1392	998	1392	2096	600
25°	2579	1274	842	1274	2579	1178
35°	2070	1107	721	1107	2070	1267
45°	976	874	599	874	976	781
55°	602	616	489	616	602	542
65°	369	380	379	380	369	367
75°	182	184	234	184	182	196
85°	41	36	58	36	41	47
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	



TEST NUMBER: P333324-927

CATALOG NUMBER: S125DIP-S1270D1035U927-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9
2.5°	1538.9	1536.9	1534.9	1531.0	1533.9	1525.5	1521.5	1514.7	1506.3	1503.3	1499.8
5°	1678.4	1681.5	1684.6	1671.7	1672.9	1664.2	1644.5	1628.4	1615.4	1598.8	1587.1
7.5°	1846.4	1839.1	1838.5	1830.1	1815.7	1804.0	1783.3	1756.8	1731.3	1702.2	1678.1
10°	1930.4	1931.0	1925.5	1915.6	1900.1	1889.0	1861.9	1835.9	1804.4	1767.4	1740.8
12.5°	1993.6	1996.2	1989.2	1975.9	1968.3	1943.4	1922.1	1891.3	1853.8	1824.2	1783.8
15°	2095.9	2089.1	2084.2	2067.4	2054.5	2028.5	1994.6	1962.5	1921.8	1884.0	1846.4
17.5°	2194.4	2199.9	2190.6	2175.4	2135.2	2104.9	2059.4	2015.3	1964.6	1914.1	1869.2
20°	2282.4	2287.3	2273.1	2246.5	2198.4	2168.1	2108.2	2051.4	1992.7	1927.9	1878.5
22.5°	2392.1	2388.1	2368.9	2328.5	2286.8	2230.9	2166.1	2096.8	2023.4	1950.1	1884.4
25°	2578.8	2552.8	2541.1	2491.1	2436.1	2354.0	2265.1	2163.8	2072.4	1975.5	1891.5
27.5°	2682.3	2674.1	2661.0	2626.2	2568.4	2480.6	2375.8	2252.3	2123.4	2001.1	1891.1
30°	2661.5	2662.8	2664.0	2652.9	2615.9	2549.7	2445.4	2312.6	2159.5	2021.8	1894.6
32.5°	2477.8	2500.2	2521.8	2547.2	2557.6	2544.8	2479.5	2359.6	2201.9	2045.5	1892.6
35°	2070.0	2076.7	2146.5	2215.7	2309.5	2382.4	2431.2	2378.1	2245.3	2065.6	1890.2
37.5°	1614.0	1647.3	1695.6	1773.8	1909.2	2030.5	2186.5	2258.3	2215.4	2072.2	1885.9
40°	1375.9	1406.8	1438.2	1517.9	1632.1	1779.1	1956.3	2107.6	2142.8	2051.4	1871.1
42.5°	1192.1	1216.6	1251.5	1311.4	1406.8	1537.0	1706.4	1904.1	2025.7	1991.2	1840.0
45°	975.7	991.1	1018.3	1065.9	1135.0	1236.9	1386.3	1602.5	1790.8	1853.2	1766.1
47.5°	835.1	835.0	856.1	889.0	938.9	1025.5	1136.0	1305.4	1506.5	1655.3	1648.5
50°	757.1	754.0	770.6	799.1	838.6	896.0	1001.6	1136.9	1330.2	1498.7	1545.6
52.5°	689.9	690.2	700.5	721.5	754.6	803.7	882.6	1004.5	1169.6	1342.6	1431.1
55°	601.5	599.0	610.7	625.0	649.0	681.1	737.9	831.2	965.2	1135.6	1250.5
57.5°	520.5	527.3	532.0	541.9	561.8	583.3	631.2	699.7	806.0	952.2	1073.6
60°	473.0	479.8	483.5	493.4	509.5	528.0	565.1	620.6	710.2	836.1	956.6
62.5°	430.6	435.9	437.0	446.0	459.1	477.1	506.3	552.9	623.7	733.9	851.8
65°	369.3	369.3	371.8	381.0	387.2	403.2	425.5	459.5	516.3	602.1	702.7
67.5°	310.2	313.2	312.6	316.6	322.3	334.9	350.8	378.8	420.9	483.5	564.0
70°	271.7	274.2	273.5	276.6	282.8	290.9	303.8	330.3	360.6	414.4	483.5
72.5°	237.1	238.1	236.5	240.6	244.3	251.4	265.8	280.0	308.2	353.6	410.4
75°	181.6	182.8	184.0	186.5	190.2	193.9	201.3	215.6	234.0	268.0	304.4
77.5°	136.1	133.7	136.7	136.3	138.5	141.3	147.8	155.3	170.6	192.0	220.2
80°	102.5	103.1	103.1	103.8	106.9	108.7	114.2	119.8	131.5	147.6	167.4
82.5°	74.9	76.4	75.5	76.6	79.1	80.5	83.6	88.2	95.0	107.6	121.9
85°	40.7	37.7	38.9	40.2	40.2	40.7	43.3	45.1	48.8	53.7	59.3
87.5°	15.5	16.5	16.8	16.8	17.3	17.0	18.8	18.6	20.0	21.3	23.0
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



TEST NUMBER: P333324-927

CATALOG NUMBER: S125DIP-S1270D1035U927-4F0-1E-UDD-A4

**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



TEST NUMBER: P333324-927

CATALOG NUMBER: S125DIP-S1270D1035U927-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9
2.5°	1496.9	1493.4	1489.5	1482.6	1474.2	1469.7	1462.8	1458.3	1449.5	1442.0	1434.2
5°	1572.8	1556.8	1542.0	1522.8	1501.8	1488.2	1472.2	1454.3	1435.8	1416.6	1395.6
7.5°	1651.5	1623.1	1592.2	1559.0	1526.5	1496.6	1468.1	1440.0	1413.9	1382.3	1355.5
10°	1704.4	1668.6	1630.2	1585.2	1541.3	1503.1	1464.1	1430.2	1395.6	1358.5	1325.8
12.5°	1757.2	1709.5	1655.4	1605.9	1553.2	1507.0	1461.2	1417.8	1374.4	1333.3	1295.2
15°	1794.5	1752.5	1702.5	1632.1	1572.8	1509.3	1448.7	1392.5	1340.1	1294.3	1246.2
17.5°	1819.1	1765.0	1711.3	1643.7	1566.1	1494.9	1426.3	1362.0	1302.8	1244.9	1198.5
20°	1823.5	1768.0	1711.7	1645.7	1566.1	1484.5	1415.9	1338.8	1275.2	1215.3	1158.5
22.5°	1822.1	1759.0	1698.0	1629.9	1552.2	1477.1	1394.2	1315.6	1246.5	1187.6	1128.3
25°	1808.1	1740.8	1664.2	1595.7	1519.1	1439.5	1355.5	1274.0	1203.6	1136.2	1077.6
27.5°	1796.5	1709.2	1622.5	1542.5	1468.6	1395.6	1315.2	1231.7	1153.7	1085.4	1030.2
30°	1782.2	1686.5	1588.9	1505.5	1429.6	1358.5	1282.6	1201.1	1119.6	1052.9	993.6
32.5°	1769.3	1657.8	1554.8	1464.0	1383.6	1314.5	1244.5	1167.0	1087.0	1019.3	960.0
35°	1744.5	1615.4	1497.5	1395.0	1309.2	1238.1	1179.5	1107.2	1033.7	968.3	911.5
37.5°	1713.0	1559.9	1433.3	1325.8	1231.7	1156.9	1102.2	1046.8	976.3	913.2	861.8
40°	1688.3	1520.4	1386.3	1276.4	1178.8	1101.1	1050.4	997.9	939.3	880.6	826.2
42.5°	1657.2	1484.8	1338.9	1220.6	1124.0	1048.2	995.1	950.5	898.7	844.1	793.6
45°	1600.0	1420.3	1262.2	1135.0	1037.4	962.7	907.8	874.4	835.5	783.6	741.0
47.5°	1515.9	1342.8	1179.3	1048.1	947.4	878.1	826.6	794.6	767.2	728.6	690.0
50°	1441.3	1285.1	1119.6	989.3	888.6	818.8	771.3	742.3	718.8	689.1	656.4
52.5°	1357.8	1212.4	1060.8	932.0	832.3	763.5	716.9	691.4	671.8	650.6	618.4
55°	1225.2	1101.7	960.8	838.6	746.6	679.3	638.5	616.3	600.2	584.2	564.4
57.5°	1079.0	982.5	857.8	746.0	661.2	600.0	562.0	540.3	527.8	519.6	507.9
60°	976.3	893.6	786.1	684.2	601.5	547.2	510.1	493.4	482.9	476.1	467.5
62.5°	881.0	813.0	713.5	620.5	548.1	496.7	463.7	447.4	437.4	434.1	427.0
65°	740.4	687.9	605.8	528.6	466.8	423.0	395.2	379.8	373.6	369.9	370.5
67.5°	602.0	570.0	504.0	438.2	388.9	352.1	329.9	318.1	315.0	310.0	309.9
70°	517.5	493.4	437.8	380.4	336.5	308.2	288.4	276.0	272.9	270.5	269.9
72.5°	442.9	421.8	373.6	327.6	288.1	263.2	246.9	239.5	234.4	232.9	232.8
75°	332.9	321.2	282.8	246.4	219.2	201.9	190.8	184.0	180.3	179.7	180.3
77.5°	236.6	226.4	202.1	176.3	159.1	146.0	136.6	134.3	130.1	130.2	129.5
80°	177.8	171.0	155.6	135.2	121.0	110.0	105.0	100.7	99.4	97.6	99.4
82.5°	129.0	121.7	111.1	98.2	86.4	79.8	74.9	73.5	72.7	71.9	72.2
85°	63.6	64.2	58.1	48.2	43.3	39.5	36.4	36.4	35.8	35.2	35.8
87.5°	23.8	22.5	20.4	18.5	15.8	13.9	13.2	13.5	12.2	12.0	12.8
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: P333324-927

CATALOG NUMBER: S125DIP-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: P333324-927

CATALOG NUMBER: S125DIP-S1270D1035U927-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9
2.5°	1429.7	1424.3	1419.8	1409.9	1404.5	1397.1	1391.2	1397.6	1390.7	1393.6	1389.2
5°	1385.1	1367.8	1355.5	1337.5	1322.2	1307.9	1297.4	1295.5	1290.6	1288.2	1280.7
7.5°	1331.5	1309.9	1288.6	1265.2	1245.4	1225.3	1212.4	1201.8	1194.8	1185.5	1179.2
10°	1299.9	1270.9	1246.2	1217.7	1193.0	1171.5	1154.1	1145.5	1137.5	1125.8	1121.4
12.5°	1260.8	1230.8	1200.7	1170.4	1146.6	1122.5	1107.7	1094.6	1089.1	1075.9	1074.5
15°	1214.0	1168.9	1139.3	1108.4	1075.7	1056.0	1043.6	1029.4	1023.3	1014.0	1007.2
17.5°	1158.2	1117.9	1080.9	1048.9	1020.9	1004.2	988.9	979.1	968.5	962.5	951.3
20°	1117.7	1079.4	1042.4	1008.4	986.8	967.7	955.3	946.0	934.9	931.8	920.8
22.5°	1083.6	1041.4	1005.8	977.3	953.7	932.1	918.8	912.4	904.8	895.3	893.0
25°	1028.2	984.4	954.1	925.7	904.7	884.9	875.7	867.6	860.2	853.4	851.0
27.5°	980.2	941.1	905.1	879.5	861.2	843.2	835.0	825.3	819.8	814.4	807.7
30°	946.7	906.5	875.0	850.3	830.6	814.5	805.9	799.1	794.2	789.2	785.5
32.5°	912.1	874.9	844.4	820.2	800.4	788.3	780.7	775.9	770.4	764.5	759.8
35°	866.4	825.6	796.0	775.0	759.5	750.3	741.6	737.3	731.2	731.2	726.2
37.5°	814.9	779.7	753.5	734.4	720.5	712.3	702.9	699.9	695.9	693.3	691.7
40°	784.3	751.5	726.8	707.7	692.8	686.0	678.7	673.8	671.2	668.1	666.9
42.5°	752.7	721.4	697.7	680.0	667.2	661.4	654.4	651.0	646.0	642.0	641.3
45°	704.6	674.3	652.8	638.5	627.4	620.6	616.3	608.9	606.4	601.5	600.9
47.5°	659.0	630.0	608.8	597.1	587.4	581.9	575.0	567.6	564.8	562.3	562.1
50°	625.0	598.4	578.6	567.5	558.3	550.2	543.4	538.4	536.6	536.6	537.9
52.5°	590.3	567.8	551.0	537.3	528.6	520.1	513.8	510.8	507.9	511.0	513.2
55°	539.7	516.9	504.5	491.5	482.9	473.0	469.9	468.7	466.8	471.8	474.3
57.5°	486.1	470.1	455.6	442.8	435.0	429.3	425.1	424.4	427.9	430.2	438.2
60°	452.0	433.5	420.6	410.7	401.4	397.7	396.5	395.2	397.7	404.5	414.9
62.5°	414.5	399.4	385.5	378.0	371.2	365.1	364.8	365.6	370.5	378.3	388.8
65°	359.4	346.4	337.2	328.5	323.0	319.2	320.5	323.0	328.5	339.1	350.8
67.5°	303.5	294.5	286.3	279.2	273.9	273.9	275.2	278.8	285.4	297.5	308.2
70°	267.4	257.5	250.7	247.6	243.3	240.8	244.5	250.7	256.3	267.4	276.6
72.5°	231.3	222.9	217.6	215.6	213.7	211.7	212.9	219.6	227.1	238.2	249.0
75°	177.8	174.8	171.0	168.6	166.8	167.9	169.2	175.4	181.6	193.3	205.7
77.5°	129.8	126.6	124.4	123.7	122.8	123.3	126.8	131.4	137.4	146.0	155.3
80°	98.2	97.0	95.7	95.1	95.1	95.7	100.7	103.8	109.3	117.3	124.8
82.5°	71.5	70.7	70.5	70.4	70.9	71.0	74.0	78.0	82.6	88.6	95.1
85°	37.7	36.4	38.3	38.9	37.7	39.5	40.7	43.3	45.1	48.2	51.3
87.5°	13.6	14.9	14.6	15.4	15.5	16.9	16.6	18.6	19.8	20.9	20.8
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: P333324-927

CATALOG NUMBER: S125DIP-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: P333324-927

CATALOG NUMBER: S125DIP-S1270D1035U927-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9
2.5°	1386.2	1389.6	1386.7	1390.7	1386.7	1389.6	1386.2	1389.2	1393.6	1390.7	1397.6
5°	1277.6	1272.1	1275.8	1273.4	1275.8	1272.1	1277.6	1280.7	1288.2	1290.6	1295.5
7.5°	1177.3	1172.0	1166.0	1163.2	1166.0	1172.0	1177.3	1179.2	1185.5	1194.8	1201.8
10°	1114.6	1107.9	1107.2	1102.9	1107.2	1107.9	1114.6	1121.4	1125.8	1137.5	1145.5
12.5°	1068.7	1062.4	1055.3	1053.5	1055.3	1062.4	1068.7	1074.5	1075.9	1089.1	1094.6
15°	1003.5	998.5	994.2	997.9	994.2	998.5	1003.5	1007.2	1014.0	1023.3	1029.4
17.5°	949.3	945.2	944.4	939.8	944.4	945.2	949.3	951.3	962.5	968.5	979.1
20°	915.2	912.1	913.3	905.3	913.3	912.1	915.2	920.8	931.8	934.9	946.0
22.5°	888.0	881.9	881.2	879.6	881.2	881.9	888.0	893.0	895.3	904.8	912.4
25°	845.4	842.3	839.2	842.3	839.2	842.3	845.4	851.0	853.4	860.2	867.6
27.5°	808.2	804.5	803.7	804.0	803.7	804.5	808.2	807.7	814.4	819.8	825.3
30°	785.5	779.3	779.9	779.3	779.9	779.3	785.5	785.5	789.2	794.2	799.1
32.5°	760.8	756.6	755.7	754.6	755.7	756.6	760.8	759.8	764.5	770.4	775.9
35°	724.4	724.4	721.3	721.3	721.3	724.4	724.4	726.2	731.2	731.2	737.3
37.5°	690.1	689.5	687.7	687.9	687.7	689.5	690.1	691.7	693.3	695.9	699.9
40°	664.5	663.8	661.9	658.3	661.9	663.8	664.5	666.9	668.1	671.2	673.8
42.5°	639.8	637.6	636.8	635.6	636.8	637.6	639.8	641.3	642.0	646.0	651.0
45°	600.9	600.9	599.6	599.0	599.6	600.9	600.9	600.9	601.5	606.4	608.9
47.5°	563.1	564.2	566.5	566.2	566.5	564.2	563.1	562.1	562.3	564.8	567.6
50°	540.3	541.0	542.8	543.4	542.8	541.0	540.3	537.9	536.6	536.6	538.4
52.5°	515.2	518.7	521.1	520.7	521.1	518.7	515.2	513.2	511.0	507.9	510.8
55°	479.8	484.1	488.5	489.1	488.5	484.1	479.8	474.3	471.8	466.8	468.7
57.5°	444.9	450.9	455.5	456.9	455.5	450.9	444.9	438.2	430.2	427.9	424.4
60°	421.1	429.2	434.7	437.2	434.7	429.2	421.1	414.9	404.5	397.7	395.2
62.5°	398.4	407.4	413.0	413.5	413.0	407.4	398.4	388.8	378.3	370.5	365.6
65°	361.2	370.5	375.4	379.1	375.4	370.5	361.2	350.8	339.1	328.5	323.0
67.5°	321.2	330.5	336.0	338.9	336.0	330.5	321.2	308.2	297.5	285.4	278.8
70°	292.1	301.3	308.8	311.2	308.8	301.3	292.1	276.6	267.4	256.3	250.7
72.5°	263.4	271.7	277.7	280.6	277.7	271.7	263.4	249.0	238.2	227.1	219.6
75°	213.7	224.7	230.4	233.5	230.4	224.7	213.7	205.7	193.3	181.6	175.4
77.5°	164.8	174.9	178.2	179.8	178.2	174.9	164.8	155.3	146.0	137.4	131.4
80°	132.1	138.3	142.7	143.2	142.7	138.3	132.1	124.8	117.3	109.3	103.8
82.5°	101.6	106.7	108.1	109.6	108.1	106.7	101.6	95.1	88.6	82.6	78.0
85°	55.6	58.1	58.7	58.1	58.7	58.1	55.6	51.3	48.2	45.1	43.3
87.5°	21.8	21.2	21.4	22.4	21.4	21.2	21.8	20.8	20.9	19.8	18.6
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: P333324-927

CATALOG NUMBER: S125DIP-S1270D1035U927-4F0-1E-UDD-A4

**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: P333324-927

CATALOG NUMBER: S125DIP-S1270D1035U927-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9
2.5°	1391.2	1397.1	1404.5	1409.9	1419.8	1424.3	1429.7	1434.2	1442.0	1449.5	1458.3
5°	1297.4	1307.9	1322.2	1337.5	1355.5	1367.8	1385.1	1395.6	1416.6	1435.8	1454.3
7.5°	1212.4	1225.3	1245.4	1265.2	1288.6	1309.9	1331.5	1355.5	1382.3	1413.9	1440.0
10°	1154.1	1171.5	1193.0	1217.7	1246.2	1270.9	1299.9	1325.8	1358.5	1395.6	1430.2
12.5°	1107.7	1122.5	1146.6	1170.4	1200.7	1230.8	1260.8	1295.2	1333.3	1374.4	1417.8
15°	1043.6	1056.0	1075.7	1108.4	1139.3	1168.9	1214.0	1246.2	1294.3	1340.1	1392.5
17.5°	988.9	1004.2	1020.9	1048.9	1080.9	1117.9	1158.2	1198.5	1244.9	1302.8	1362.0
20°	955.3	967.7	986.8	1008.4	1042.4	1079.4	1117.7	1158.5	1215.3	1275.2	1338.8
22.5°	918.8	932.1	953.7	977.3	1005.8	1041.4	1083.6	1128.3	1187.6	1246.5	1315.6
25°	875.7	884.9	904.7	925.7	954.1	984.4	1028.2	1077.6	1136.2	1203.6	1274.0
27.5°	835.0	843.2	861.2	879.5	905.1	941.1	980.2	1030.2	1085.4	1153.7	1231.7
30°	805.9	814.5	830.6	850.3	875.0	906.5	946.7	993.6	1052.9	1119.6	1201.1
32.5°	780.7	788.3	800.4	820.2	844.4	874.9	912.1	960.0	1019.3	1087.0	1167.0
35°	741.6	750.3	759.5	775.0	796.0	825.6	866.4	911.5	968.3	1033.7	1107.2
37.5°	702.9	712.3	720.5	734.4	753.5	779.7	814.9	861.8	913.2	976.3	1046.8
40°	678.7	686.0	692.8	707.7	726.8	751.5	784.3	826.2	880.6	939.3	997.9
42.5°	654.4	661.4	667.2	680.0	697.7	721.4	752.7	793.6	844.1	898.7	950.5
45°	616.3	620.6	627.4	638.5	652.8	674.3	704.6	741.0	783.6	835.5	874.4
47.5°	575.0	581.9	587.4	597.1	608.8	630.0	659.0	690.0	728.6	767.2	794.6
50°	543.4	550.2	558.3	567.5	578.6	598.4	625.0	656.4	689.1	718.8	742.3
52.5°	513.8	520.1	528.6	537.3	551.0	567.8	590.3	618.4	650.6	671.8	691.4
55°	469.9	473.0	482.9	491.5	504.5	516.9	539.7	564.4	584.2	600.2	616.3
57.5°	425.1	429.3	435.0	442.8	455.6	470.1	486.1	507.9	519.6	527.8	540.3
60°	396.5	397.7	401.4	410.7	420.6	433.5	452.0	467.5	476.1	482.9	493.4
62.5°	364.8	365.1	371.2	378.0	385.5	399.4	414.5	427.0	434.1	437.4	447.4
65°	320.5	319.2	323.0	328.5	337.2	346.4	359.4	370.5	369.9	373.6	379.8
67.5°	275.2	273.9	273.9	279.2	286.3	294.5	303.5	309.9	310.0	315.0	318.1
70°	244.5	240.8	243.3	247.6	250.7	257.5	267.4	269.9	270.5	272.9	276.0
72.5°	212.9	211.7	213.7	215.6	217.6	222.9	231.3	232.8	232.9	234.4	239.5
75°	169.2	167.9	166.8	168.6	171.0	174.8	177.8	180.3	179.7	180.3	184.0
77.5°	126.8	123.3	122.8	123.7	124.4	126.6	129.8	129.5	130.2	130.1	134.3
80°	100.7	95.7	95.1	95.1	95.7	97.0	98.2	99.4	97.6	99.4	100.7
82.5°	74.0	71.0	70.9	70.4	70.5	70.7	71.5	72.2	71.9	72.7	73.5
85°	40.7	39.5	37.7	38.9	38.3	36.4	37.7	35.8	35.2	35.8	36.4
87.5°	16.6	16.9	15.5	15.4	14.6	14.9	13.6	12.8	12.0	12.2	13.5
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: P333324-927

CATALOG NUMBER: S125DIP-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: P333324-927

CATALOG NUMBER: S125DIP-S1270D1035U927-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9
2.5°	1462.8	1469.7	1474.2	1482.6	1489.5	1493.4	1496.9	1499.8	1503.3	1506.3	1514.7
5°	1472.2	1488.2	1501.8	1522.8	1542.0	1556.8	1572.8	1587.1	1598.8	1615.4	1628.4
7.5°	1468.1	1496.6	1526.5	1559.0	1592.2	1623.1	1651.5	1678.1	1702.2	1731.3	1756.8
10°	1464.1	1503.1	1541.3	1585.2	1630.2	1668.6	1704.4	1740.8	1767.4	1804.4	1835.9
12.5°	1461.2	1507.0	1553.2	1605.9	1655.4	1709.5	1757.2	1783.8	1824.2	1853.8	1891.3
15°	1448.7	1509.3	1572.8	1632.1	1702.5	1752.5	1794.5	1846.4	1884.0	1921.8	1962.5
17.5°	1426.3	1494.9	1566.1	1643.7	1711.3	1765.0	1819.1	1869.2	1914.1	1964.6	2015.3
20°	1415.9	1484.5	1566.1	1645.7	1711.7	1768.0	1823.5	1878.5	1927.9	1992.7	2051.4
22.5°	1394.2	1477.1	1552.2	1629.9	1698.0	1759.0	1822.1	1884.4	1950.1	2023.4	2096.8
25°	1355.5	1439.5	1519.1	1595.7	1664.2	1740.8	1808.1	1891.5	1975.5	2072.4	2163.8
27.5°	1315.2	1395.6	1468.6	1542.5	1622.5	1709.2	1796.5	1891.1	2001.1	2123.4	2252.3
30°	1282.6	1358.5	1429.6	1505.5	1588.9	1686.5	1782.2	1894.6	2021.8	2159.5	2312.6
32.5°	1244.5	1314.5	1383.6	1464.0	1554.8	1657.8	1769.3	1892.6	2045.5	2201.9	2359.6
35°	1179.5	1238.1	1309.2	1395.0	1497.5	1615.4	1744.5	1890.2	2065.6	2245.3	2378.1
37.5°	1102.2	1156.9	1231.7	1325.8	1433.3	1559.9	1713.0	1885.9	2072.2	2215.4	2258.3
40°	1050.4	1101.1	1178.8	1276.4	1386.3	1520.4	1688.3	1871.1	2051.4	2142.8	2107.6
42.5°	995.1	1048.2	1124.0	1220.6	1338.9	1484.8	1657.2	1840.0	1991.2	2025.7	1904.1
45°	907.8	962.7	1037.4	1135.0	1262.2	1420.3	1600.0	1766.1	1853.2	1790.8	1602.5
47.5°	826.6	878.1	947.4	1048.1	1179.3	1342.8	1515.9	1648.5	1655.3	1506.5	1305.4
50°	771.3	818.8	888.6	989.3	1119.6	1285.1	1441.3	1545.6	1498.7	1330.2	1136.9
52.5°	716.9	763.5	832.3	932.0	1060.8	1212.4	1357.8	1431.1	1342.6	1169.6	1004.5
55°	638.5	679.3	746.6	838.6	960.8	1101.7	1225.2	1250.5	1135.6	965.2	831.2
57.5°	562.0	600.0	661.2	746.0	857.8	982.5	1079.0	1073.6	952.2	806.0	699.7
60°	510.1	547.2	601.5	684.2	786.1	893.6	976.3	956.6	836.1	710.2	620.6
62.5°	463.7	496.7	548.1	620.5	713.5	813.0	881.0	851.8	733.9	623.7	552.9
65°	395.2	423.0	466.8	528.6	605.8	687.9	740.4	702.7	602.1	516.3	459.5
67.5°	329.9	352.1	388.9	438.2	504.0	570.0	602.0	564.0	483.5	420.9	378.8
70°	288.4	308.2	336.5	380.4	437.8	493.4	517.5	483.5	414.4	360.6	330.3
72.5°	246.9	263.2	288.1	327.6	373.6	421.8	442.9	410.4	353.6	308.2	280.0
75°	190.8	201.9	219.2	246.4	282.8	321.2	332.9	304.4	268.0	234.0	215.6
77.5°	136.6	146.0	159.1	176.3	202.1	226.4	236.6	220.2	192.0	170.6	155.3
80°	105.0	110.0	121.0	135.2	155.6	171.0	177.8	167.4	147.6	131.5	119.8
82.5°	74.9	79.8	86.4	98.2	111.1	121.7	129.0	121.9	107.6	95.0	88.2
85°	36.4	39.5	43.3	48.2	58.1	64.2	63.6	59.3	53.7	48.8	45.1
87.5°	13.2	13.9	15.8	18.5	20.4	22.5	23.8	23.0	21.3	20.0	18.6
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





TEST NUMBER: P333324-927

CATALOG NUMBER: S125DIP-S1270D1035U927-4F0-1E-UDD-A4

**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



TEST NUMBER: P333324-927

CATALOG NUMBER: S125DIP-S1270D1035U927-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9	1454.9
2.5°	1521.5	1525.5	1533.9	1531.0	1534.9	1536.9	1538.9
5°	1644.5	1664.2	1672.9	1671.7	1684.6	1681.5	1678.4
7.5°	1783.3	1804.0	1815.7	1830.1	1838.5	1839.1	1846.4
10°	1861.9	1889.0	1900.1	1915.6	1925.5	1931.0	1930.4
12.5°	1922.1	1943.4	1968.3	1975.9	1989.2	1996.2	1993.6
15°	1994.6	2028.5	2054.5	2067.4	2084.2	2089.1	2095.9
17.5°	2059.4	2104.9	2135.2	2175.4	2190.6	2199.9	2194.4
20°	2108.2	2168.1	2198.4	2246.5	2273.1	2287.3	2282.4
22.5°	2166.1	2230.9	2286.8	2328.5	2368.9	2388.1	2392.1
25°	2265.1	2354.0	2436.1	2491.1	2541.1	2552.8	2578.8
27.5°	2375.8	2480.6	2568.4	2626.2	2661.0	2674.1	2682.3
30°	2445.4	2549.7	2615.9	2652.9	2664.0	2662.8	2661.5
32.5°	2479.5	2544.8	2557.6	2547.2	2521.8	2500.2	2477.8
35°	2431.2	2382.4	2309.5	2215.7	2146.5	2076.7	2070.0
37.5°	2186.5	2030.5	1909.2	1773.8	1695.6	1647.3	1614.0
40°	1956.3	1779.1	1632.1	1517.9	1438.2	1406.8	1375.9
42.5°	1706.4	1537.0	1406.8	1311.4	1251.5	1216.6	1192.1
45°	1386.3	1236.9	1135.0	1065.9	1018.3	991.1	975.7
47.5°	1136.0	1025.5	938.9	889.0	856.1	835.0	835.1
50°	1001.6	896.0	838.6	799.1	770.6	754.0	757.1
52.5°	882.6	803.7	754.6	721.5	700.5	690.2	689.9
55°	737.9	681.1	649.0	625.0	610.7	599.0	601.5
57.5°	631.2	583.3	561.8	541.9	532.0	527.3	520.5
60°	565.1	528.0	509.5	493.4	483.5	479.8	473.0
62.5°	506.3	477.1	459.1	446.0	437.0	435.9	430.6
65°	425.5	403.2	387.2	381.0	371.8	369.3	369.3
67.5°	350.8	334.9	322.3	316.6	312.6	313.2	310.2
70°	303.8	290.9	282.8	276.6	273.5	274.2	271.7
72.5°	265.8	251.4	244.3	240.6	236.5	238.1	237.1
75°	201.3	193.9	190.2	186.5	184.0	182.8	181.6
77.5°	147.8	141.3	138.5	136.3	136.7	133.7	136.1
80°	114.2	108.7	106.9	103.8	103.1	103.1	102.5
82.5°	83.6	80.5	79.1	76.6	75.5	76.4	74.9
85°	43.3	40.7	40.2	40.2	38.9	37.7	40.7
87.5°	18.8	17.0	17.3	16.8	16.8	16.5	15.5
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



TEST NUMBER: P333324-927

CATALOG NUMBER: S125DIP-S1270D1035U927-4F0-1E-UDD-A4

**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)