

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P723830

Luminaire Tested: **IFLD-L-SA7D-827-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723830
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7D-827-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (112) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	18982.6 lumens	Max Intensity:	446592.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	44.9 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		

Beam Angle (50%):	9.3°H x 8.8°V	Field Angle (10%):	15.8°H x 15.3°V
Beam Lumens:	6883.9 lumens	Field Lumens:	10974.2 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

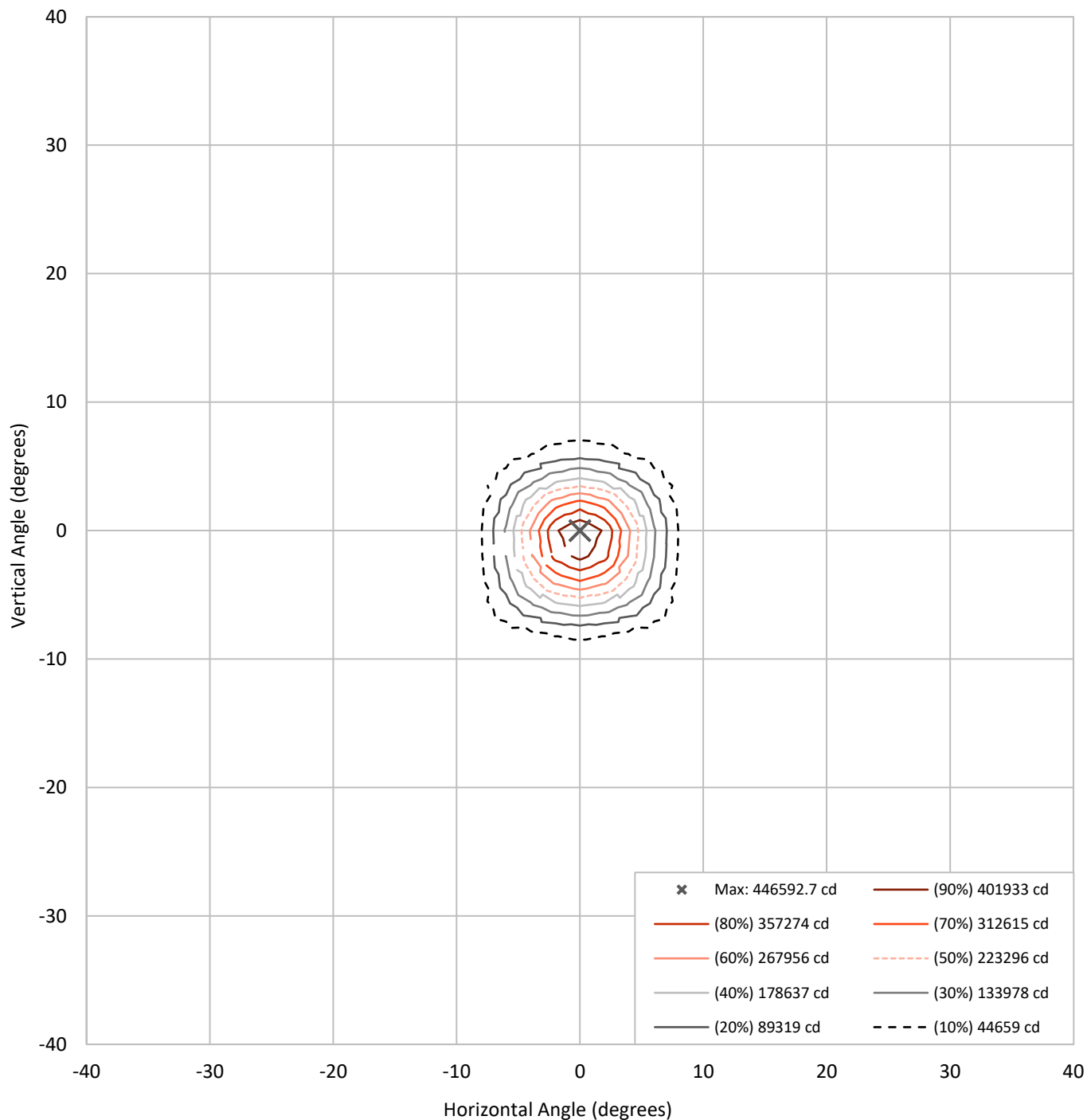
Input Watts (W): 422.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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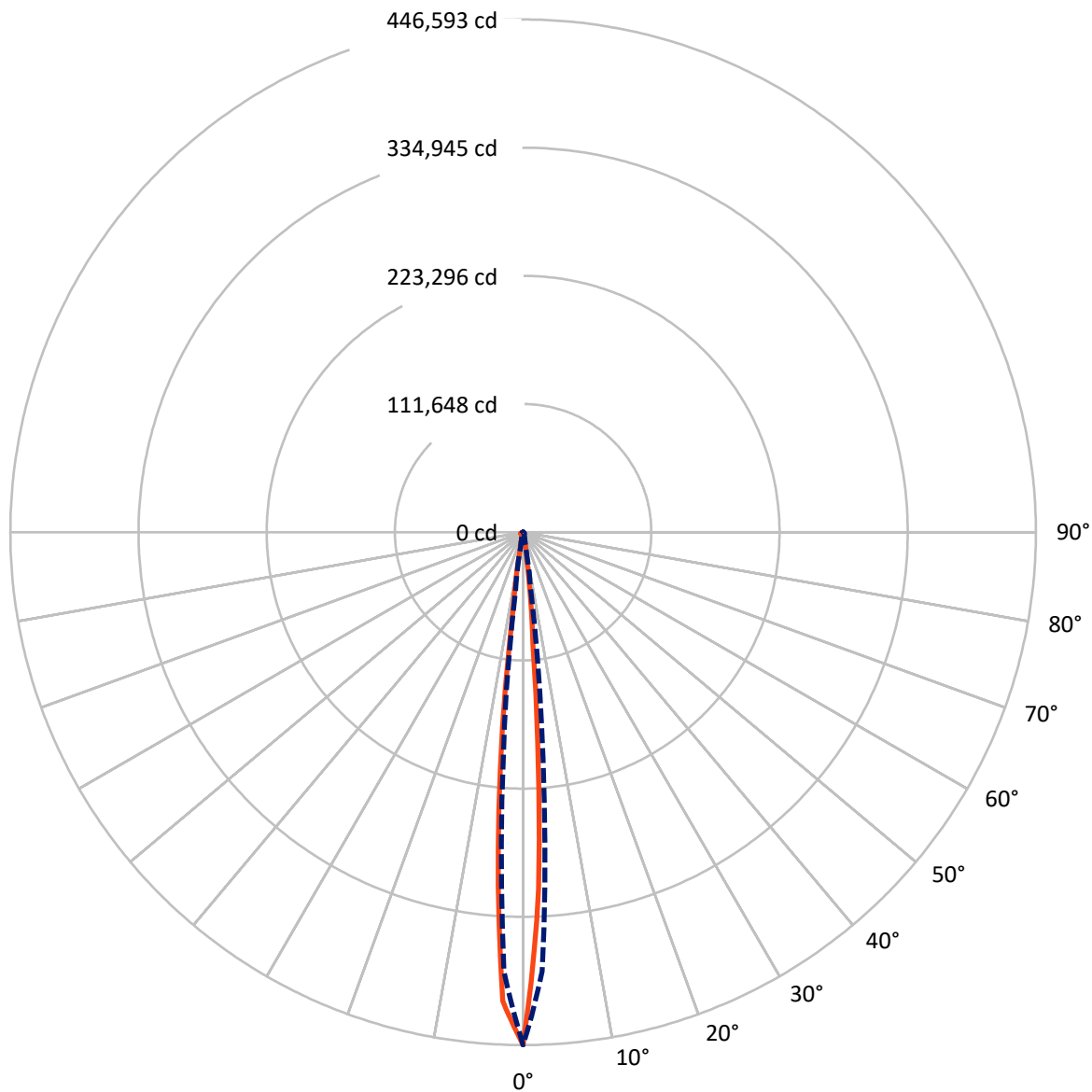
Lumen Table

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Luminous Intensity Polar Plot



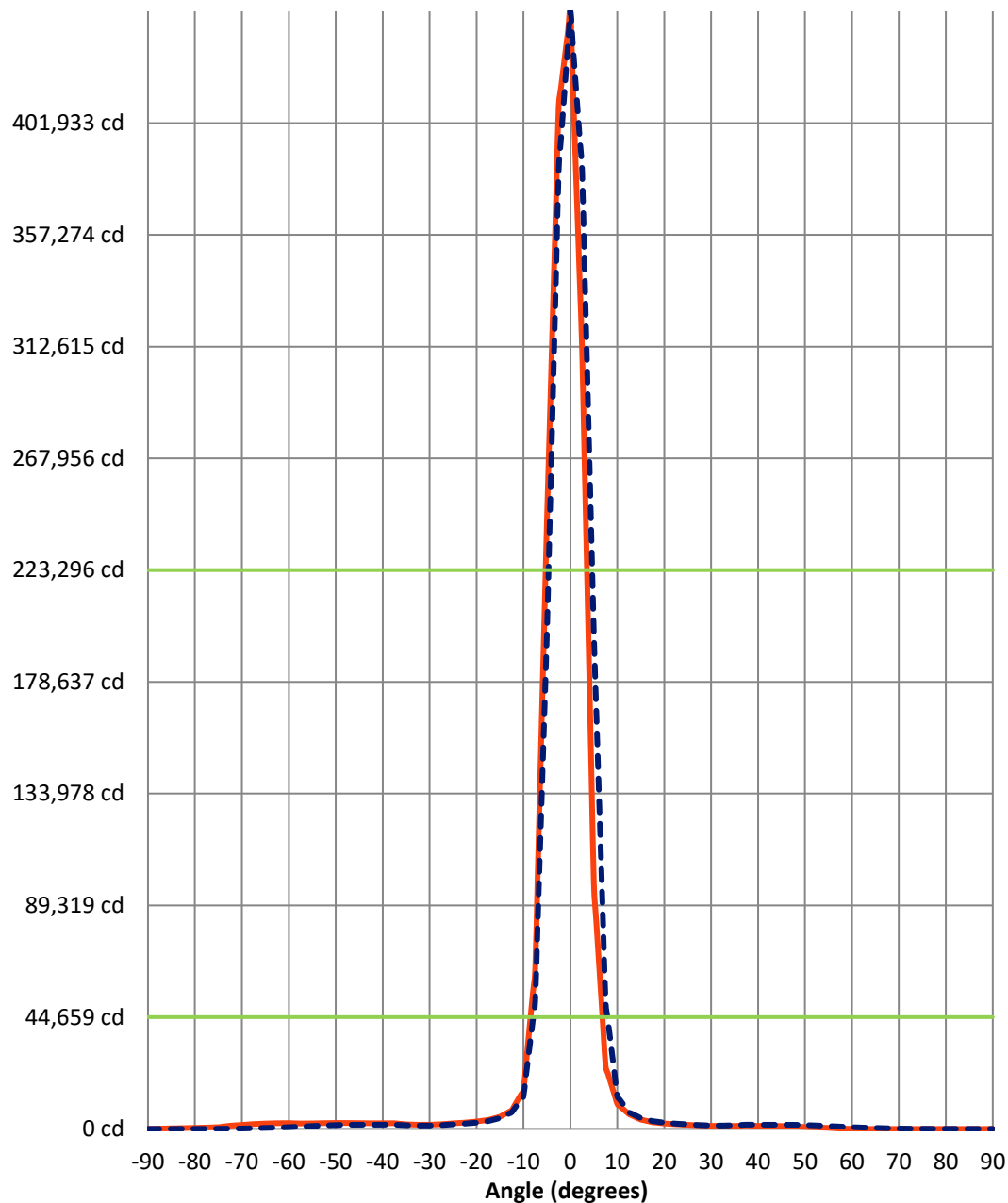
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
85°	0.0	4.4	4.4	8.8	8.8	8.8	13.1	17.5	21.9	21.9	26.3
82.5°	0.0	4.4	4.4	8.8	8.8	13.1	13.1	21.9	26.3	30.7	39.4
80°	4.4	4.4	4.4	8.8	8.8	13.1	13.1	17.5	21.9	30.7	35.1
77.5°	0.0	4.4	4.4	4.4	8.8	8.8	8.8	13.1	17.5	21.9	26.3
75°	0.0	4.4	4.4	4.4	8.8	8.8	8.8	8.8	13.1	13.1	17.5
72.5°	0.0	0.0	0.0	4.4	4.4	8.8	8.8	8.8	13.1	13.1	13.1
70°	0.0	0.0	0.0	4.4	4.4	8.8	8.8	8.8	13.1	13.1	13.1
67.5°	0.0	0.0	0.0	4.4	4.4	8.8	8.8	8.8	13.1	13.1	13.1
65°	0.0	0.0	0.0	4.4	4.4	8.8	8.8	13.1	13.1	13.1	13.1
62.5°	4.4	4.4	4.4	8.8	13.1	13.1	17.5	21.9	21.9	21.9	21.9
60°	43.8	48.2	52.6	52.6	48.2	48.2	52.6	52.6	52.6	52.6	52.6
57.5°	118.3	127.1	131.5	131.5	131.5	127.1	144.6	149.0	131.5	122.7	135.8
55°	411.9	425.1	416.3	403.1	376.9	346.2	337.4	333.0	337.4	315.5	280.5
52.5°	600.3	613.5	609.1	600.3	582.8	560.9	543.4	525.8	508.3	473.3	433.8
50°	780.0	784.4	780.0	771.2	753.7	731.8	696.7	657.3	622.3	613.5	578.4
47.5°	981.6	994.7	994.7	990.3	977.2	937.8	885.2	828.2	801.9	793.2	758.1
45°	1161.2	1170.0	1174.4	1178.8	1174.4	1135.0	1086.7	1056.1	999.1	981.6	981.6
42.5°	1209.4	1213.8	1218.2	1222.6	1235.7	1205.1	1165.6	1113.0	1099.9	1095.5	1086.7
40°	1227.0	1218.2	1222.6	1227.0	1231.4	1209.4	1178.8	1148.1	1139.3	1130.6	1130.6
37.5°	1393.5	1354.1	1323.4	1297.1	1275.2	1253.3	1222.6	1196.3	1174.4	1156.9	1174.4
35°	1187.5	1187.5	1218.2	1244.5	1270.8	1297.1	1301.5	1270.8	1222.6	1200.7	1231.4
32.5°	1213.8	1213.8	1213.8	1222.6	1231.4	1253.3	1275.2	1288.3	1323.4	1283.9	1283.9
30°	1240.1	1244.5	1253.3	1257.6	1244.5	1235.7	1227.0	1227.0	1248.9	1305.9	1336.5
27.5°	1393.5	1393.5	1380.3	1362.8	1323.4	1262.0	1231.4	1187.5	1191.9	1218.2	1292.7
25°	1643.3	1634.5	1603.8	1560.0	1489.9	1402.3	1319.0	1227.0	1187.5	1174.4	1205.1
22.5°	1879.9	1866.8	1827.3	1787.9	1730.9	1643.3	1503.0	1362.8	1240.1	1187.5	1174.4
20°	2182.3	2151.6	2107.8	2046.4	1954.4	1866.8	1744.1	1560.0	1380.3	1244.5	1191.9
17.5°	2668.7	2629.2	2546.0	2436.4	2278.7	2142.8	1967.5	1792.3	1590.7	1371.6	1253.3
15°	3733.5	3632.7	3488.1	3185.8	2874.6	2616.1	2353.2	2059.6	1853.6	1564.4	1384.7
12.5°	5872.0	5595.9	5175.2	4469.7	3772.9	3172.6	2747.5	2370.7	2037.7	1770.4	1516.2
10°	9938.5	9346.9	8185.7	6257.6	4973.6	3869.4	3106.9	2602.9	2182.3	1906.2	1625.7
7.5°	25135.5	20503.6	14509.0	9907.8	6507.4	4728.2	3553.8	2822.0	2335.6	1993.8	1713.4
5°	97965.2	80699.9	43049.3	17966.4	9789.5	5718.6	3957.0	2997.3	2436.4	2059.6	1779.1
2.5°	310911.1	268492.9	140865.5	38676.0	12020.0	6441.6	4233.1	3106.9	2493.4	2107.8	1827.3
0°	446592.7	382746.2	197696.4	50866.9	13036.6	6625.7	4320.7	3128.8	2502.2	2116.5	1827.3
-2.5°	408556.5	357566.9	190974.3	47335.0	13321.4	6678.3	4390.8	3203.3	2567.9	2156.0	1840.5
-5°	242761.4	212937.2	133218.8	33750.6	11835.9	6200.6	4206.8	3137.6	2524.1	2134.1	1831.7
-7.5°	63960.5	55371.6	36423.6	17611.5	7659.8	5245.3	3865.0	3028.0	2467.1	2094.6	1796.6
-10°	15420.4	14614.2	13054.1	8001.6	5964.0	4382.1	3426.8	2830.8	2353.2	2042.0	1739.7
-12.5°	7436.3	7261.1	6590.6	5433.7	4425.9	3641.5	3102.5	2624.9	2248.0	1950.0	1660.8
-15°	4837.8	4737.0	4509.1	4066.5	3553.8	3177.0	2800.1	2414.5	2116.5	1814.2	1595.1
-17.5°	3580.1	3575.8	3461.8	3295.3	3041.1	2760.7	2484.6	2239.2	1950.0	1691.5	1525.0
-20°	2966.7	2966.7	2900.9	2791.4	2611.7	2427.7	2243.6	2015.7	1779.1	1586.3	1516.2

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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	2519.7	2524.1	2489.0	2418.9	2322.5	2169.1	1989.5	1805.4	1634.5	1564.4	1542.5
-25°	2230.5	2221.7	2182.3	2116.5	2015.7	1893.0	1774.7	1652.0	1603.8	1586.3	1617.0
-27.5°	1888.7	1901.8	1884.3	1853.6	1787.9	1700.2	1673.9	1638.9	1647.7	1673.9	1792.3
-30°	1687.1	1700.2	1717.8	1730.9	1709.0	1687.1	1695.9	1722.1	1779.1	1879.9	1923.7
-32.5°	1687.1	1691.5	1717.8	1744.1	1757.2	1774.7	1822.9	1910.6	1993.8	1967.5	1958.8
-35°	1840.5	1827.3	1862.4	1897.4	1945.6	2007.0	2059.6	2042.0	2011.4	2002.6	2011.4
-37.5°	2278.7	2195.4	2160.4	2138.4	2125.3	2116.5	2103.4	2090.2	2077.1	2068.3	2081.5
-40°	2274.3	2252.4	2230.5	2212.9	2199.8	2182.3	2173.5	2169.1	2156.0	2147.2	2138.4
-42.5°	2265.5	2274.3	2274.3	2269.9	2274.3	2269.9	2256.8	2239.2	2217.3	2199.8	2182.3
-45°	2331.3	2335.6	2344.4	2353.2	2366.3	2348.8	2322.5	2291.8	2261.1	2234.8	2212.9
-47.5°	2370.7	2375.1	2383.8	2397.0	2405.7	2388.2	2353.2	2313.7	2265.5	2221.7	2177.9
-50°	2383.8	2397.0	2401.4	2401.4	2397.0	2375.1	2322.5	2265.5	2212.9	2169.1	2129.7
-52.5°	2322.5	2335.6	2340.0	2331.3	2326.9	2305.0	2256.8	2204.2	2147.2	2116.5	2081.5
-55°	2221.7	2239.2	2252.4	2252.4	2252.4	2248.0	2204.2	2156.0	2112.2	2077.1	2042.0
-57.5°	2182.3	2212.9	2239.2	2243.6	2248.0	2252.4	2221.7	2173.5	2120.9	2068.3	2024.5
-60°	2326.9	2353.2	2366.3	2348.8	2335.6	2322.5	2274.3	2217.3	2164.7	2112.2	2028.9
-62.5°	2287.4	2331.3	2353.2	2340.0	2322.5	2300.6	2248.0	2182.3	2120.9	2063.9	1980.7
-65°	2160.4	2199.8	2226.1	2204.2	2177.9	2147.2	2099.0	2037.7	1980.7	1923.7	1849.2
-67.5°	1945.6	2002.6	2046.4	1998.2	1963.2	1923.7	1884.3	1831.7	1774.7	1709.0	1638.9
-70°	1608.2	1652.0	1691.5	1678.3	1669.6	1660.8	1634.5	1581.9	1533.7	1481.1	1419.8
-72.5°	1292.7	1332.1	1367.2	1345.3	1327.8	1301.5	1262.0	1205.1	1148.1	1091.1	1034.2
-75°	714.3	727.4	740.6	736.2	736.2	736.2	736.2	740.6	731.8	718.7	692.4
-77.5°	547.8	565.3	578.4	587.2	600.3	617.9	631.0	609.1	587.2	565.3	539.0
-80°	429.4	447.0	460.1	508.3	543.4	582.8	609.1	578.4	547.8	521.5	499.6
-82.5°	324.3	337.4	350.6	376.9	394.4	416.3	433.8	433.8	429.4	425.1	411.9
-85°	236.6	254.2	271.7	280.5	293.6	293.6	298.0	280.5	262.9	249.8	232.2
-87.5°	135.8	140.2	140.2	140.2	144.6	144.6	144.6	135.8	131.5	122.7	118.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.4	4.4	4.4	8.8	8.8	13.1	13.1	17.5	17.5	21.9	21.9
85°	26.3	26.3	26.3	30.7	30.7	35.1	39.4	43.8	48.2	48.2	52.6
82.5°	43.8	48.2	52.6	57.0	61.3	65.7	70.1	74.5	87.6	96.4	100.8
80°	43.8	48.2	61.3	70.1	78.9	87.6	87.6	87.6	87.6	92.0	100.8
77.5°	30.7	35.1	39.4	48.2	70.1	87.6	100.8	109.6	100.8	96.4	87.6
75°	17.5	21.9	26.3	30.7	43.8	61.3	83.3	105.2	122.7	118.3	109.6
72.5°	17.5	17.5	21.9	26.3	30.7	35.1	39.4	61.3	87.6	109.6	122.7
70°	17.5	21.9	21.9	26.3	30.7	35.1	39.4	48.2	61.3	87.6	113.9
67.5°	17.5	21.9	21.9	30.7	39.4	43.8	48.2	43.8	39.4	57.0	83.3
65°	17.5	17.5	21.9	26.3	30.7	35.1	48.2	48.2	43.8	43.8	43.8
62.5°	26.3	26.3	26.3	26.3	30.7	30.7	30.7	39.4	39.4	39.4	39.4
60°	52.6	48.2	48.2	48.2	48.2	39.4	39.4	39.4	35.1	39.4	35.1
57.5°	127.1	105.2	96.4	96.4	83.3	78.9	65.7	48.2	48.2	39.4	39.4
55°	258.5	245.4	206.0	170.9	153.4	135.8	105.2	87.6	65.7	52.6	48.2
52.5°	398.8	363.7	328.7	284.8	241.0	206.0	175.3	135.8	109.6	78.9	61.3
50°	521.5	490.8	451.4	403.1	346.2	302.4	258.5	206.0	162.1	122.7	87.6
47.5°	709.9	648.5	600.3	543.4	477.6	416.3	359.3	298.0	227.9	179.7	135.8
45°	911.5	823.8	758.1	705.5	617.9	534.6	468.9	403.1	319.9	236.6	184.0
42.5°	1051.7	986.0	898.3	828.2	749.3	661.7	574.0	503.9	416.3	319.9	236.6
40°	1126.2	1082.4	1012.3	950.9	867.6	771.2	679.2	609.1	517.1	411.9	298.0
37.5°	1183.2	1161.2	1126.2	1078.0	999.1	885.2	793.2	709.9	631.0	508.3	385.6
35°	1248.9	1244.5	1222.6	1200.7	1135.0	1025.4	915.8	819.4	723.0	609.1	473.3
32.5°	1310.2	1305.9	1292.7	1283.9	1257.6	1161.2	1042.9	933.4	823.8	705.5	556.5
30°	1340.9	1332.1	1332.1	1340.9	1314.6	1253.3	1165.6	1047.3	924.6	784.4	644.2
27.5°	1340.9	1332.1	1336.5	1349.7	1345.3	1314.6	1248.9	1152.5	1016.6	858.9	723.0
25°	1283.9	1327.8	1327.8	1345.3	1349.7	1340.9	1305.9	1244.5	1104.3	937.8	784.4
22.5°	1205.1	1310.2	1349.7	1345.3	1349.7	1371.6	1376.0	1319.0	1187.5	1016.6	845.7
20°	1205.1	1279.6	1393.5	1362.8	1371.6	1419.8	1441.7	1393.5	1275.2	1091.1	907.1
17.5°	1231.4	1279.6	1376.0	1424.2	1437.3	1476.8	1511.8	1481.1	1354.1	1170.0	990.3
15°	1305.9	1297.1	1362.8	1481.1	1503.0	1533.7	1573.2	1538.1	1424.2	1257.6	1069.2
12.5°	1358.4	1310.2	1362.8	1489.9	1560.0	1590.7	1603.8	1577.5	1485.5	1336.5	1148.1
10°	1428.5	1345.3	1371.6	1481.1	1581.9	1603.8	1617.0	1608.2	1542.5	1402.3	1218.2
7.5°	1481.1	1362.8	1362.8	1468.0	1603.8	1621.4	1630.1	1638.9	1590.7	1459.2	1279.6
5°	1503.0	1362.8	1354.1	1454.8	1625.7	1643.3	1643.3	1656.4	1625.7	1503.0	1323.4
2.5°	1507.4	1358.4	1345.3	1446.1	1665.2	1665.2	1656.4	1669.6	1652.0	1529.3	1354.1
0°	1529.3	1354.1	1340.9	1459.2	1709.0	1691.5	1669.6	1673.9	1665.2	1542.5	1371.6
-2.5°	1529.3	1376.0	1358.4	1468.0	1704.6	1700.2	1691.5	1695.9	1687.1	1581.9	1406.6
-5°	1551.2	1406.6	1389.1	1507.4	1700.2	1713.4	1717.8	1717.8	1704.6	1608.2	1428.5
-7.5°	1555.6	1428.5	1424.2	1546.9	1709.0	1730.9	1744.1	1752.8	1726.5	1625.7	1446.1
-10°	1533.7	1437.3	1459.2	1595.1	1717.8	1748.4	1774.7	1787.9	1744.1	1634.5	1454.8
-12.5°	1485.5	1437.3	1494.3	1656.4	1739.7	1774.7	1814.2	1818.6	1761.6	1638.9	1459.2
-15°	1481.1	1472.4	1555.6	1717.8	1752.8	1796.6	1858.0	1844.8	1774.7	1638.9	1459.2
-17.5°	1476.8	1520.6	1647.7	1739.7	1774.7	1822.9	1871.1	1858.0	1783.5	1638.9	1450.5
-20°	1516.2	1599.4	1757.2	1761.6	1801.0	1853.6	1879.9	1853.6	1770.4	1625.7	1437.3

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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	1581.9	1739.7	1792.3	1809.8	1844.8	1884.3	1897.4	1858.0	1757.2	1603.8	1415.4
-25°	1748.4	1827.3	1827.3	1866.8	1901.8	1919.3	1906.2	1862.4	1739.7	1581.9	1393.5
-27.5°	1875.5	1871.1	1893.0	1932.5	1963.2	1963.2	1928.1	1840.5	1713.4	1560.0	1362.8
-30°	1923.7	1928.1	1958.8	2002.6	2011.4	1989.5	1936.9	1822.9	1691.5	1525.0	1323.4
-32.5°	1971.9	1989.5	2028.9	2050.8	2055.2	2011.4	1915.0	1792.3	1656.4	1485.5	1279.6
-35°	2028.9	2063.9	2085.9	2090.2	2068.3	1993.8	1884.3	1752.8	1603.8	1428.5	1240.1
-37.5°	2103.4	2120.9	2134.1	2116.5	2055.2	1967.5	1831.7	1700.2	1555.6	1367.2	1183.2
-40°	2151.6	2160.4	2164.7	2107.8	2033.3	1906.2	1774.7	1638.9	1472.4	1297.1	1121.8
-42.5°	2182.3	2173.5	2138.4	2077.1	1967.5	1844.8	1717.8	1564.4	1397.9	1227.0	1056.1
-45°	2173.5	2142.8	2090.2	2015.7	1901.8	1779.1	1630.1	1476.8	1319.0	1152.5	981.6
-47.5°	2138.4	2090.2	2024.5	1936.9	1831.7	1682.7	1533.7	1384.7	1231.4	1069.2	911.5
-50°	2094.6	2037.7	1958.8	1849.2	1709.0	1573.2	1437.3	1292.7	1135.0	986.0	845.7
-52.5°	2046.4	1985.1	1884.3	1761.6	1608.2	1468.0	1336.5	1196.3	1051.7	911.5	788.8
-55°	1993.8	1932.5	1818.6	1678.3	1525.0	1371.6	1244.5	1126.2	986.0	850.1	740.6
-57.5°	1967.5	1888.7	1770.4	1630.1	1468.0	1310.2	1200.7	1073.6	946.5	806.3	701.1
-60°	1945.6	1866.8	1757.2	1595.1	1441.7	1292.7	1165.6	1042.9	907.1	775.6	670.5
-62.5°	1884.3	1801.0	1700.2	1542.5	1393.5	1257.6	1143.7	999.1	867.6	744.9	648.5
-65°	1761.6	1673.9	1586.3	1446.1	1310.2	1183.2	1069.2	937.8	815.1	709.9	626.6
-67.5°	1568.8	1494.3	1415.4	1297.1	1183.2	1069.2	964.1	850.1	749.3	674.8	631.0
-70°	1354.1	1275.2	1196.3	1099.9	1003.5	911.5	828.2	744.9	679.2	639.8	604.7
-72.5°	986.0	950.9	911.5	837.0	758.1	701.1	661.7	626.6	578.4	543.4	521.5
-75°	657.3	609.1	547.8	521.5	525.8	517.1	495.2	468.9	447.0	433.8	403.1
-77.5°	512.7	486.4	455.7	425.1	411.9	398.8	381.2	359.3	341.8	311.1	267.3
-80°	473.3	451.4	429.4	407.5	385.6	354.9	319.9	284.8	267.3	254.2	249.8
-82.5°	390.0	363.7	337.4	315.5	284.8	262.9	241.0	223.5	223.5	219.1	214.7
-85°	223.5	214.7	201.6	192.8	184.0	170.9	157.8	149.0	144.6	140.2	135.8
-87.5°	113.9	109.6	100.8	96.4	92.0	87.6	78.9	74.5	70.1	70.1	65.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: IFLD-L-SA7D-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	21.9	21.9	17.5	17.5	17.5	13.1	8.8	8.8	4.4	4.4	0.0
85°	52.6	43.8	39.4	35.1	35.1	26.3	17.5	13.1	8.8	4.4	4.4
82.5°	100.8	87.6	74.5	65.7	52.6	39.4	30.7	21.9	13.1	8.8	4.4
80°	113.9	113.9	109.6	92.0	74.5	57.0	39.4	26.3	17.5	13.1	8.8
77.5°	87.6	96.4	96.4	96.4	92.0	70.1	48.2	30.7	17.5	13.1	8.8
75°	100.8	87.6	83.3	87.6	83.3	70.1	57.0	35.1	21.9	17.5	8.8
72.5°	122.7	105.2	92.0	87.6	78.9	65.7	52.6	39.4	21.9	17.5	13.1
70°	113.9	109.6	100.8	92.0	78.9	65.7	52.6	39.4	26.3	17.5	13.1
67.5°	100.8	100.8	100.8	92.0	78.9	61.3	48.2	35.1	26.3	17.5	13.1
65°	70.1	83.3	92.0	87.6	78.9	61.3	48.2	35.1	26.3	21.9	13.1
62.5°	43.8	57.0	74.5	83.3	74.5	61.3	43.8	35.1	26.3	21.9	13.1
60°	39.4	43.8	52.6	65.7	70.1	57.0	43.8	30.7	26.3	21.9	13.1
57.5°	39.4	39.4	43.8	52.6	57.0	52.6	39.4	26.3	26.3	21.9	17.5
55°	43.8	39.4	39.4	43.8	48.2	48.2	39.4	26.3	26.3	21.9	17.5
52.5°	52.6	43.8	39.4	39.4	39.4	43.8	35.1	26.3	26.3	21.9	17.5
50°	65.7	52.6	48.2	39.4	39.4	39.4	35.1	26.3	21.9	21.9	17.5
47.5°	87.6	70.1	52.6	48.2	39.4	35.1	30.7	26.3	21.9	21.9	17.5
45°	131.5	83.3	70.1	52.6	43.8	39.4	35.1	26.3	21.9	21.9	17.5
42.5°	179.7	122.7	87.6	61.3	48.2	39.4	35.1	30.7	21.9	21.9	17.5
40°	227.9	166.5	109.6	78.9	57.0	43.8	35.1	30.7	26.3	21.9	17.5
37.5°	280.5	206.0	144.6	100.8	65.7	48.2	39.4	30.7	26.3	21.9	17.5
35°	346.2	258.5	179.7	122.7	78.9	57.0	43.8	30.7	26.3	21.9	17.5
32.5°	420.7	306.7	214.7	149.0	100.8	70.1	48.2	35.1	26.3	21.9	17.5
30°	490.8	363.7	254.2	179.7	122.7	78.9	52.6	35.1	26.3	21.9	13.1
27.5°	560.9	420.7	302.4	210.3	149.0	92.0	57.0	39.4	26.3	21.9	17.5
25°	631.0	477.6	350.6	241.0	170.9	109.6	70.1	43.8	26.3	21.9	17.5
22.5°	692.4	534.6	394.4	276.1	197.2	127.1	78.9	48.2	30.7	21.9	17.5
20°	762.5	596.0	442.6	315.5	219.1	144.6	87.6	52.6	30.7	21.9	17.5
17.5°	828.2	657.3	490.8	350.6	245.4	162.1	100.8	57.0	35.1	21.9	17.5
15°	893.9	714.3	534.6	385.6	271.7	179.7	109.6	61.3	39.4	21.9	17.5
12.5°	955.3	766.9	574.0	416.3	293.6	197.2	118.3	65.7	43.8	21.9	17.5
10°	1012.3	815.1	613.5	442.6	315.5	210.3	127.1	74.5	48.2	21.9	17.5
7.5°	1069.2	854.5	644.2	468.9	341.8	227.9	135.8	78.9	52.6	26.3	17.5
5°	1104.3	889.6	670.5	490.8	363.7	245.4	144.6	83.3	57.0	26.3	17.5
2.5°	1135.0	915.8	688.0	512.7	385.6	258.5	144.6	87.6	61.3	26.3	17.5
0°	1152.5	933.4	701.1	525.8	403.1	267.3	149.0	92.0	65.7	26.3	17.5
-2.5°	1191.9	964.1	731.8	543.4	420.7	293.6	157.8	96.4	70.1	30.7	17.5
-5°	1218.2	981.6	753.7	560.9	433.8	319.9	170.9	105.2	78.9	39.4	21.9
-7.5°	1240.1	999.1	771.2	569.7	447.0	328.7	175.3	109.6	83.3	43.8	21.9
-10°	1244.5	1007.9	784.4	582.8	455.7	341.8	179.7	113.9	87.6	48.2	21.9
-12.5°	1248.9	1016.6	788.8	591.6	464.5	350.6	184.0	118.3	92.0	52.6	21.9
-15°	1244.5	1012.3	788.8	600.3	468.9	341.8	192.8	122.7	96.4	57.0	21.9
-17.5°	1235.7	1007.9	784.4	596.0	464.5	333.0	197.2	131.5	96.4	61.3	26.3
-20°	1222.6	994.7	775.6	591.6	460.1	324.3	201.6	135.8	100.8	61.3	26.3

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CATALOG NUMBER: IFLD-L-SA7D-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1200.7	972.8	758.1	578.4	451.4	315.5	201.6	144.6	105.2	61.3	26.3
-25°	1174.4	950.9	740.6	560.9	438.2	302.4	201.6	149.0	109.6	61.3	26.3
-27.5°	1143.7	929.0	714.3	547.8	420.7	293.6	201.6	153.4	113.9	61.3	26.3
-30°	1108.7	898.3	692.4	525.8	407.5	293.6	206.0	157.8	118.3	61.3	26.3
-32.5°	1073.6	867.6	666.1	508.3	390.0	289.2	206.0	162.1	122.7	57.0	30.7
-35°	1034.2	832.6	644.2	495.2	376.9	280.5	210.3	162.1	118.3	57.0	30.7
-37.5°	986.0	788.8	622.3	482.0	368.1	271.7	210.3	166.5	113.9	57.0	30.7
-40°	933.4	753.7	596.0	464.5	354.9	267.3	210.3	166.5	109.6	57.0	35.1
-42.5°	876.4	714.3	569.7	447.0	341.8	262.9	210.3	166.5	105.2	57.0	35.1
-45°	823.8	674.8	539.0	425.1	328.7	262.9	210.3	162.1	96.4	61.3	35.1
-47.5°	766.9	631.0	503.9	403.1	324.3	258.5	206.0	153.4	87.6	61.3	35.1
-50°	718.7	587.2	477.6	381.2	315.5	262.9	210.3	140.2	87.6	61.3	35.1
-52.5°	670.5	556.5	447.0	372.5	306.7	267.3	206.0	131.5	87.6	61.3	35.1
-55°	631.0	525.8	429.4	359.3	315.5	276.1	197.2	118.3	87.6	61.3	35.1
-57.5°	600.3	508.3	416.3	363.7	328.7	267.3	184.0	113.9	87.6	57.0	35.1
-60°	578.4	490.8	420.7	381.2	333.0	254.2	175.3	113.9	87.6	57.0	30.7
-62.5°	560.9	495.2	442.6	394.4	315.5	236.6	166.5	113.9	78.9	52.6	30.7
-65°	565.3	512.7	451.4	376.9	302.4	219.1	153.4	109.6	74.5	48.2	30.7
-67.5°	578.4	499.6	425.1	354.9	271.7	197.2	140.2	100.8	70.1	48.2	30.7
-70°	534.6	460.1	385.6	302.4	232.2	170.9	131.5	92.0	61.3	43.8	30.7
-72.5°	482.0	385.6	306.7	245.4	197.2	157.8	118.3	83.3	57.0	39.4	26.3
-75°	350.6	280.5	227.9	206.0	175.3	140.2	105.2	74.5	52.6	39.4	26.3
-77.5°	249.8	232.2	210.3	188.4	157.8	122.7	92.0	70.1	48.2	35.1	21.9
-80°	245.4	223.5	197.2	162.1	131.5	105.2	78.9	61.3	43.8	30.7	17.5
-82.5°	206.0	175.3	149.0	122.7	100.8	83.3	65.7	48.2	35.1	21.9	13.1
-85°	127.1	109.6	96.4	83.3	70.1	57.0	43.8	30.7	21.9	13.1	8.8
-87.5°	61.3	57.0	48.2	39.4	35.1	26.3	21.9	17.5	13.1	8.8	4.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: IFLD-L-SA7D-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	4.4	0.0	0.0	0.0
80°	4.4	0.0	0.0	0.0
77.5°	4.4	0.0	0.0	0.0
75°	4.4	4.4	0.0	0.0
72.5°	4.4	4.4	0.0	0.0
70°	8.8	4.4	4.4	0.0
67.5°	8.8	4.4	4.4	0.0
65°	8.8	4.4	4.4	0.0
62.5°	8.8	4.4	4.4	0.0
60°	8.8	4.4	4.4	0.0
57.5°	8.8	4.4	4.4	0.0
55°	8.8	4.4	4.4	0.0
52.5°	8.8	4.4	4.4	0.0
50°	8.8	4.4	4.4	0.0
47.5°	8.8	8.8	4.4	0.0
45°	8.8	8.8	4.4	0.0
42.5°	8.8	8.8	4.4	0.0
40°	8.8	8.8	4.4	0.0
37.5°	8.8	8.8	4.4	0.0
35°	8.8	8.8	4.4	0.0
32.5°	13.1	8.8	4.4	0.0
30°	13.1	8.8	8.8	0.0
27.5°	13.1	8.8	8.8	0.0
25°	13.1	8.8	8.8	0.0
22.5°	13.1	8.8	8.8	0.0
20°	13.1	8.8	8.8	0.0
17.5°	13.1	8.8	8.8	0.0
15°	13.1	8.8	8.8	0.0
12.5°	13.1	8.8	8.8	0.0
10°	13.1	8.8	8.8	0.0
7.5°	13.1	8.8	8.8	0.0
5°	13.1	8.8	8.8	0.0
2.5°	13.1	8.8	8.8	0.0
0°	13.1	8.8	8.8	0.0
-2.5°	13.1	8.8	8.8	0.0
-5°	13.1	8.8	8.8	0.0
-7.5°	13.1	8.8	8.8	0.0
-10°	13.1	8.8	8.8	0.0
-12.5°	17.5	8.8	8.8	0.0
-15°	17.5	8.8	8.8	0.0
-17.5°	17.5	8.8	8.8	0.0
-20°	17.5	8.8	8.8	0.0



REPORT NUMBER: P723830

CATALOG NUMBER: IFLD-L-SA7D-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	17.5	8.8	8.8	0.0
-25°	17.5	8.8	8.8	0.0
-27.5°	17.5	8.8	8.8	0.0
-30°	17.5	8.8	8.8	0.0
-32.5°	17.5	8.8	8.8	0.0
-35°	17.5	8.8	8.8	0.0
-37.5°	17.5	8.8	8.8	0.0
-40°	17.5	8.8	8.8	0.0
-42.5°	13.1	8.8	4.4	0.0
-45°	17.5	8.8	4.4	0.0
-47.5°	17.5	8.8	4.4	0.0
-50°	17.5	8.8	4.4	0.0
-52.5°	17.5	8.8	4.4	0.0
-55°	17.5	8.8	4.4	0.0
-57.5°	17.5	8.8	4.4	0.0
-60°	17.5	8.8	4.4	0.0
-62.5°	17.5	8.8	4.4	0.0
-65°	17.5	8.8	4.4	0.0
-67.5°	17.5	8.8	4.4	0.0
-70°	17.5	4.4	4.4	0.0
-72.5°	13.1	4.4	4.4	0.0
-75°	13.1	4.4	4.4	0.0
-77.5°	8.8	4.4	0.0	0.0
-80°	8.8	4.4	0.0	0.0
-82.5°	8.8	4.4	0.0	0.0
-85°	4.4	0.0	0.0	0.0
-87.5°	4.4	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)