

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: P640021

Luminaire Tested: **IFLD-L-SA7A-AMB-U-LAM-VI**

Issue Date: 02/09/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P640021  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 02/09/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7A-AMB-U-LAM-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ LA distribution lens and VISOR  
Light Source: (112) 1620K CCT, 0 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

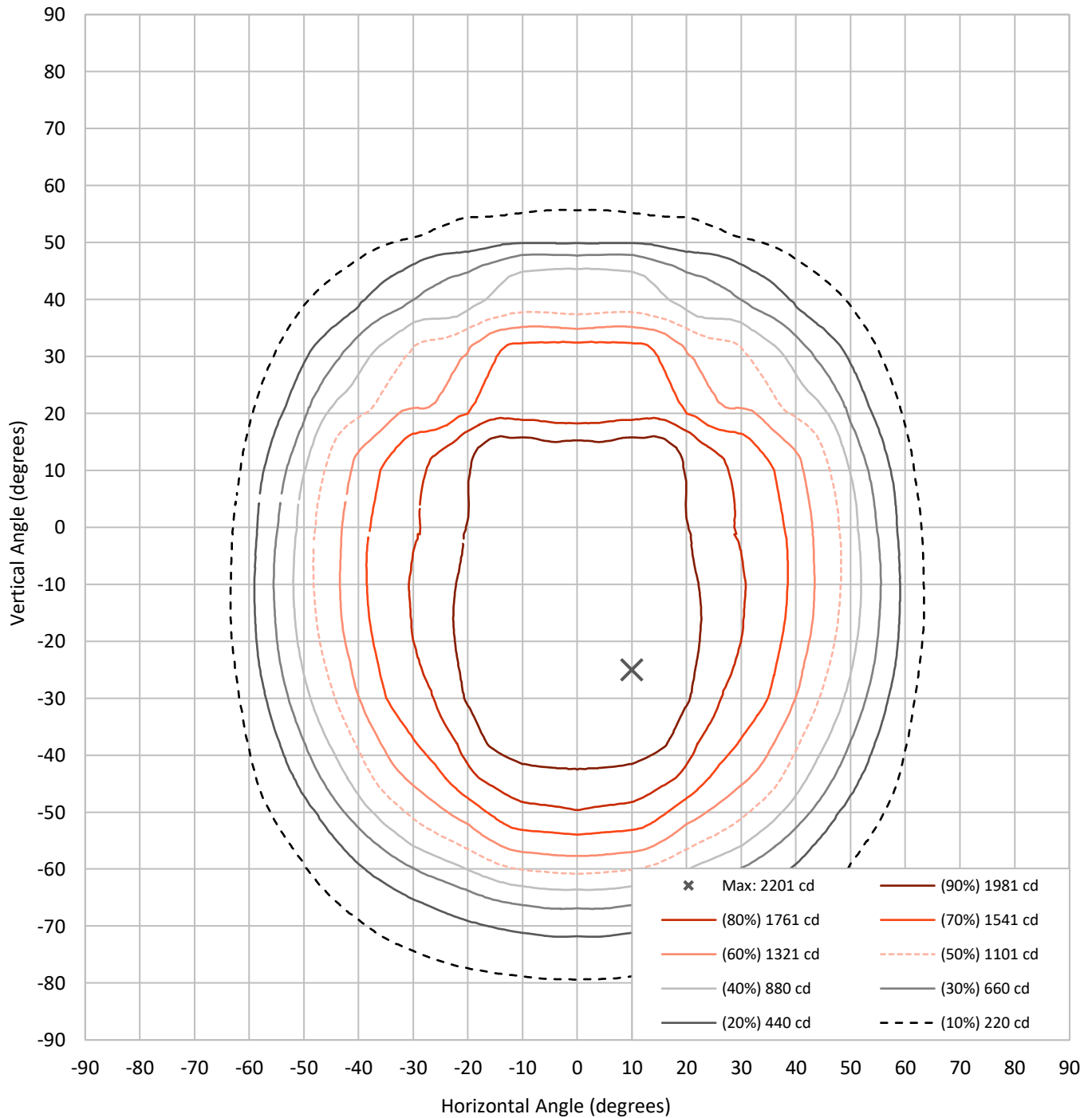
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 7V
Luminaire Lumens:	4764.3 lumens	Max Intensity:	2201 candela
Efficiency:	N/A	Max Intensity Angle:	10°H x -25°V
Efficacy:	21.9 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	91.8°H x 97.6°V	Field Angle (10%):	124.7°H x 134.2°V
Beam Lumens:	3697.6 lumens	Field Lumens:	4653.3 lumens
Beam Efficiency:	77.6%	Field Efficiency:	97.7%
Input Watts (W):	217.6		
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:	25 FT		



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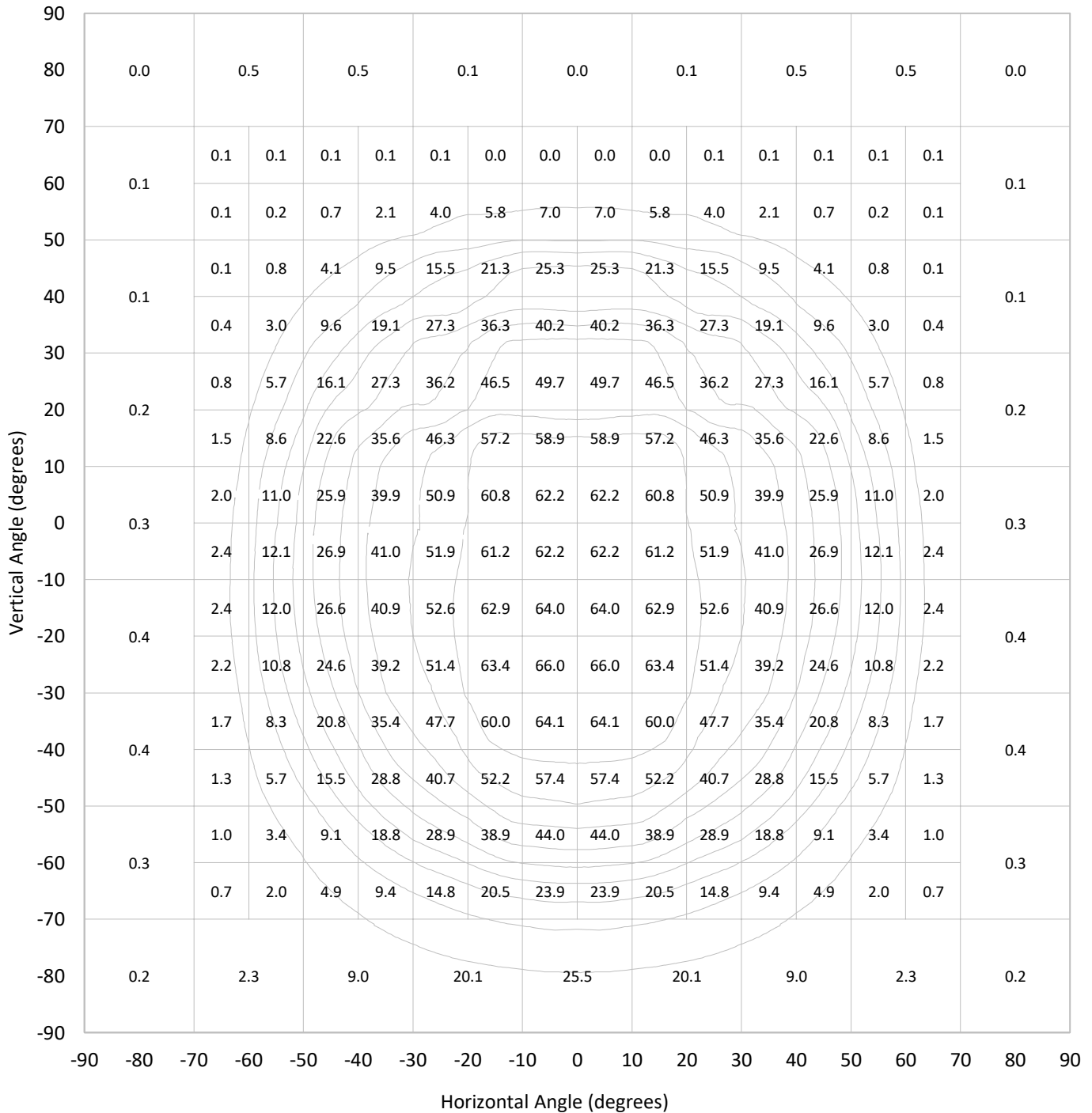
### Iso-Candela Plot





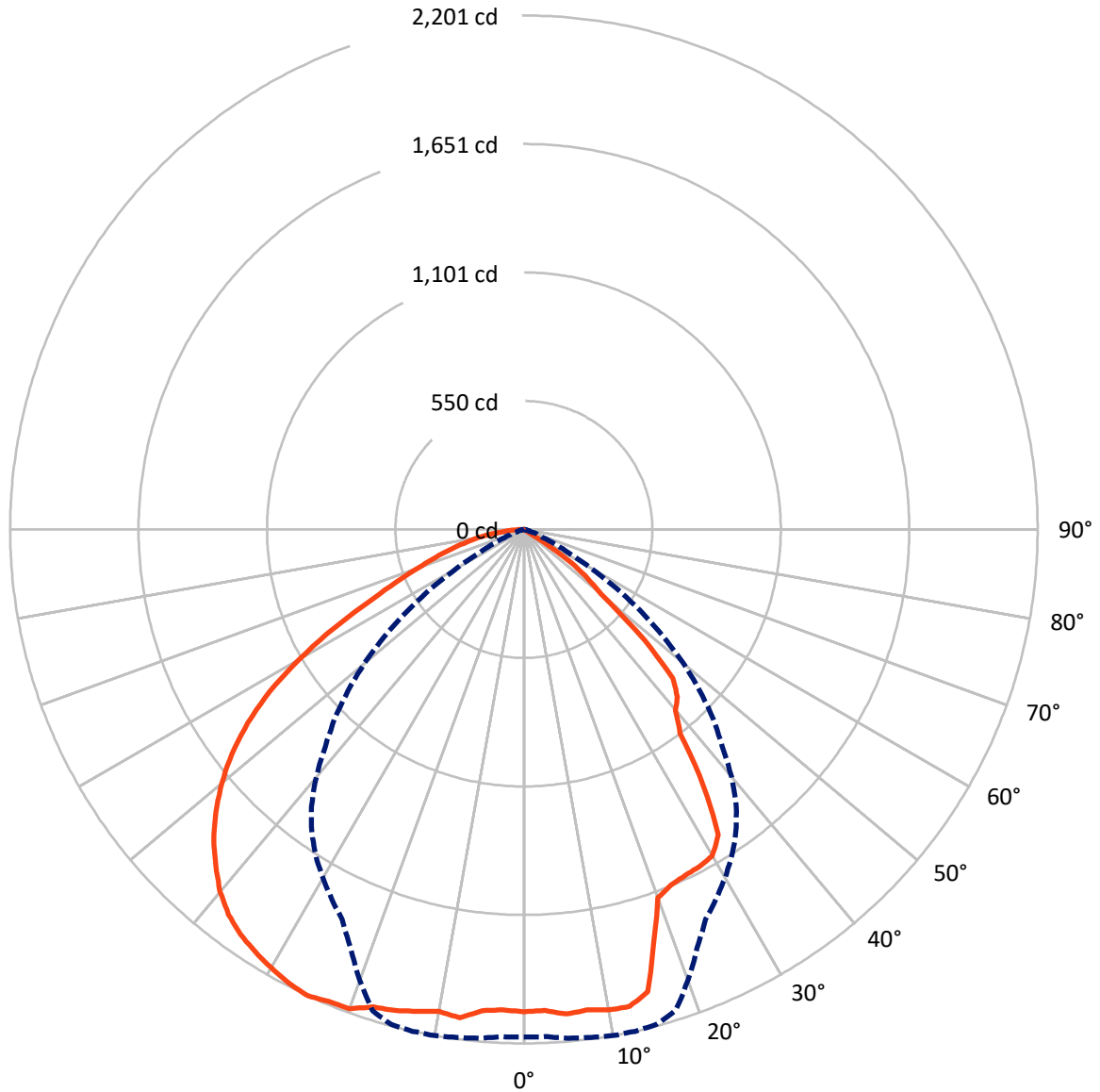
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### Lumen Table



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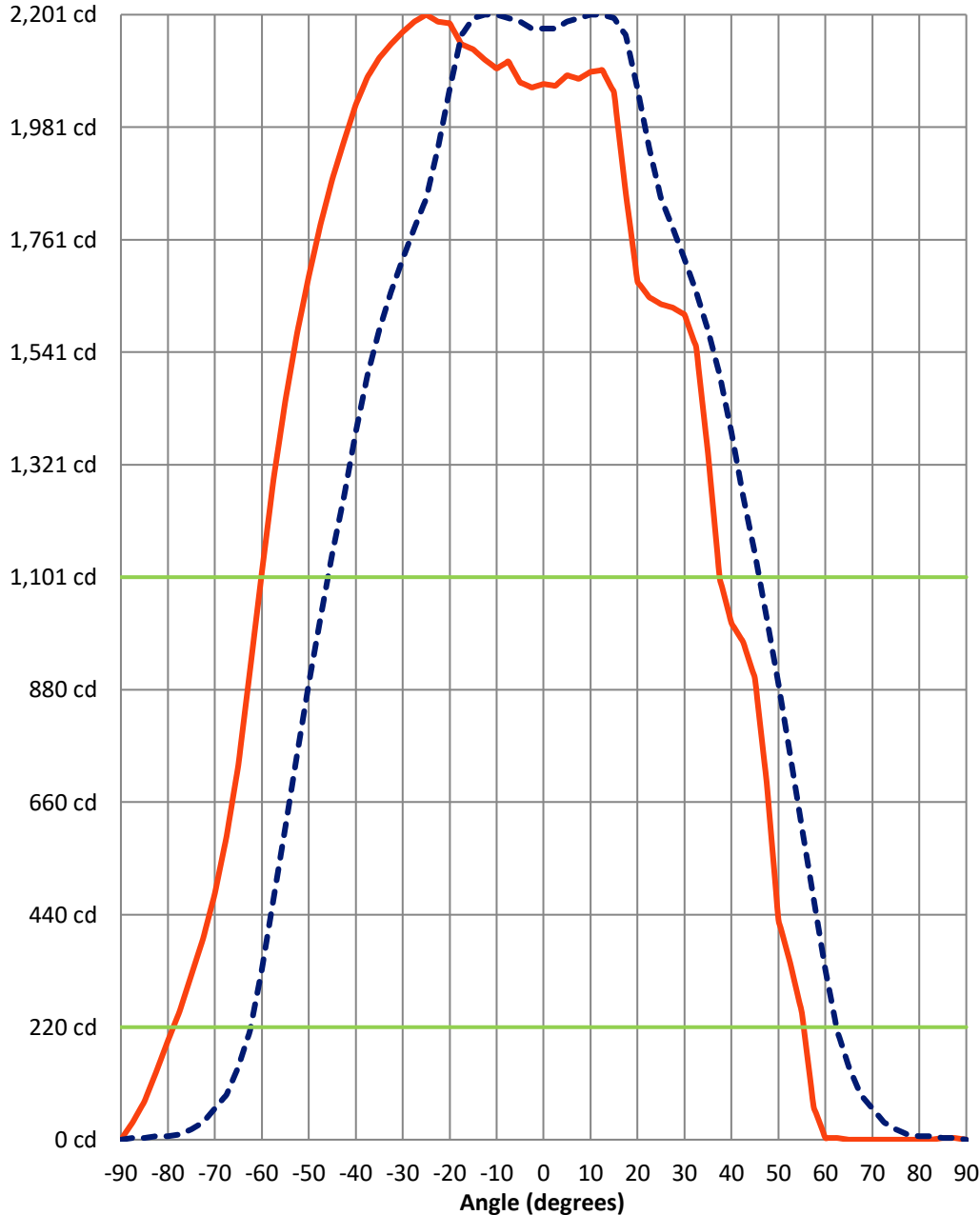
### Luminous Intensity Polar Plot



— Vertical Distribution Through 10-Deg      - - - Horizontal Distribution Through -25-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 91.8°  
 V Angle: 97.6°  
 Lumens: 3697.6  
 Efficiency: 77.6%

**Field:**  
 H Angle: 124.7°  
 V Angle: 134.2°  
 Lumens: 4653.3  
 Efficiency: 97.7%

**Spill:**  
 Lumens: 111  
 Efficiency: 2.3%

— Vertical Distribution through 10-Deg  
 - - - Horizontal Distribution through -25-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	0.0	0.0	0.0	3.4	3.4	3.4	3.4	3.4	3.4	3.4
85°	0.0	0.0	0.0	0.0	3.4	3.4	3.4	3.4	3.4	3.4	3.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	3.4	3.4
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	3.4	3.4
62.5°	0.0	0.0	0.0	0.0	3.4	3.4	3.4	3.4	3.4	3.4	3.4
60°	3.4	3.4	3.4	3.4	3.4	3.4	6.8	6.8	6.8	3.4	6.8
57.5°	13.6	23.7	37.3	54.3	64.4	71.2	74.6	67.8	47.5	37.3	47.5
55°	315.4	322.2	305.2	278.1	247.6	223.8	210.3	210.3	220.4	186.5	145.8
52.5°	390.0	386.6	376.4	359.5	345.9	325.6	305.2	288.3	274.7	254.3	230.6
50°	427.3	423.9	427.3	430.7	430.7	420.5	393.4	349.3	312.0	332.4	312.0
47.5°	678.3	695.2	702.0	708.8	698.6	647.7	586.7	546.0	508.7	481.6	464.6
45°	946.2	946.2	929.2	912.3	902.1	854.6	786.8	729.1	664.7	630.8	613.8
42.5°	1000.4	997.1	986.9	980.1	973.3	925.8	861.4	790.2	746.1	708.8	674.9
40°	1034.4	1031.0	1027.6	1020.8	1010.6	973.3	922.4	861.4	807.1	746.1	725.7
37.5°	1061.5	1068.3	1085.2	1098.8	1098.8	1081.8	1014.0	973.3	905.5	810.5	824.1
35°	1292.1	1315.8	1346.4	1363.3	1343.0	1312.4	1288.7	1180.2	1092.0	1010.6	976.7
32.5°	1566.8	1573.6	1560.0	1560.0	1549.8	1543.1	1482.0	1359.9	1281.9	1187.0	1139.5
30°	1617.7	1638.0	1624.4	1617.7	1614.3	1604.1	1539.7	1441.3	1339.6	1281.9	1224.3
27.5°	1644.8	1627.8	1631.2	1627.8	1627.8	1627.8	1570.2	1495.6	1400.6	1315.8	1261.6
25°	1648.2	1641.4	1638.0	1634.6	1634.6	1624.4	1600.7	1536.3	1448.1	1356.5	1288.7
22.5°	1634.6	1648.2	1644.8	1644.8	1648.2	1648.2	1634.6	1563.4	1482.0	1407.4	1329.4
20°	1644.8	1634.6	1665.1	1685.5	1678.7	1705.8	1702.4	1634.6	1539.7	1485.4	1383.7
17.5°	1811.0	1817.8	1814.4	1851.7	1851.7	1858.5	1892.4	1814.4	1716.0	1610.9	1522.7
15°	2038.2	2024.6	2000.9	2038.2	2048.4	2034.8	2058.5	1977.1	1905.9	1770.3	1688.9
12.5°	2041.6	2051.8	2058.5	2082.3	2092.5	2102.6	2095.8	2034.8	1950.0	1872.0	1804.2
10°	2041.6	2038.2	2055.1	2068.7	2089.1	2102.6	2116.2	2065.3	1963.6	1902.5	1824.5
7.5°	2068.7	2038.2	2055.1	2051.8	2075.5	2089.1	2106.0	2068.7	1980.5	1905.9	1838.1
5°	2034.8	2038.2	2051.8	2072.1	2082.3	2085.7	2092.5	2061.9	1977.1	1905.9	1844.9
2.5°	2017.8	2041.6	2048.4	2051.8	2061.9	2072.1	2085.7	2058.5	1973.8	1905.9	1841.5
0°	2028.0	2051.8	2031.4	2045.0	2065.3	2085.7	2095.8	2078.9	1990.7	1919.5	1858.5
-2.5°	2000.9	2031.4	2024.6	2038.2	2058.5	2072.1	2085.7	2075.5	2014.5	1919.5	1865.2
-5°	2017.8	2045.0	2048.4	2068.7	2068.7	2085.7	2095.8	2089.1	2014.5	1936.5	1875.4
-7.5°	2024.6	2061.9	2061.9	2068.7	2109.4	2102.6	2106.0	2085.7	2031.4	1953.4	1889.0
-10°	2038.2	2058.5	2075.5	2089.1	2095.8	2123.0	2136.5	2106.0	2061.9	1967.0	1895.8
-12.5°	2058.5	2078.9	2089.1	2102.6	2112.8	2119.6	2143.3	2133.1	2075.5	1980.5	1885.6
-15°	2082.3	2106.0	2109.4	2123.0	2133.1	2143.3	2156.9	2143.3	2092.5	1987.3	1899.1
-17.5°	2102.6	2126.4	2133.1	2136.5	2143.3	2170.5	2177.2	2160.3	2082.3	1983.9	1895.8
-20°	2126.4	2139.9	2156.9	2163.7	2184.0	2194.2	2194.2	2150.1	2068.7	1977.1	1885.6



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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°	2156.9	2156.9	2173.8	2184.0	2187.4	2197.6	2194.2	2143.3	2061.9	1963.6	1875.4
-25°	2173.8	2173.8	2187.4	2194.2	2201.0	2201.0	2194.2	2160.3	2055.1	1939.8	1841.5
-27.5°	2187.4	2184.0	2184.0	2187.4	2187.4	2180.6	2167.1	2136.5	2038.2	1912.7	1814.4
-30°	2194.2	2170.5	2170.5	2173.8	2167.1	2160.3	2133.1	2092.5	2011.1	1895.8	1800.8
-32.5°	2180.6	2143.3	2146.7	2153.5	2143.3	2129.8	2102.6	2038.2	1953.4	1861.8	1773.7
-35°	2143.3	2123.0	2119.6	2123.0	2116.2	2095.8	2075.5	2000.9	1916.1	1811.0	1722.8
-37.5°	2082.3	2085.7	2085.7	2085.7	2078.9	2058.5	2041.6	1963.6	1855.1	1746.5	1671.9
-40°	2024.6	2031.4	2034.8	2031.4	2024.6	1997.5	1960.2	1902.5	1804.2	1705.8	1610.9
-42.5°	1980.5	1977.1	1973.8	1967.0	1953.4	1922.9	1889.0	1841.5	1736.4	1634.6	1543.1
-45°	1943.2	1919.5	1902.5	1892.4	1878.8	1844.9	1794.0	1739.8	1648.2	1563.4	1492.2
-47.5°	1851.7	1838.1	1821.1	1807.6	1790.6	1753.3	1692.3	1621.1	1543.1	1468.4	1390.4
-50°	1746.5	1726.2	1709.2	1702.4	1688.9	1658.4	1587.1	1512.5	1427.8	1356.5	1281.9
-52.5°	1614.3	1604.1	1593.9	1587.1	1577.0	1549.8	1475.2	1390.4	1298.9	1237.8	1180.2
-55°	1485.4	1478.6	1468.4	1458.3	1444.7	1424.4	1346.4	1268.4	1193.7	1122.5	1058.1
-57.5°	1336.2	1336.2	1326.0	1309.1	1292.1	1265.0	1197.1	1119.1	1041.1	969.9	915.7
-60°	1163.2	1156.4	1139.5	1125.9	1109.0	1081.8	1024.2	956.4	888.5	824.1	769.8
-62.5°	969.9	973.3	966.5	946.2	919.1	891.9	844.4	786.8	729.1	671.5	627.4
-65°	769.8	773.2	766.4	749.5	732.5	712.2	678.3	637.6	593.5	552.8	512.1
-67.5°	620.6	627.4	630.8	610.4	593.5	576.5	552.8	522.3	491.7	464.6	434.1
-70°	505.3	508.7	512.1	495.1	481.6	468.0	451.0	430.7	410.4	386.6	362.9
-72.5°	413.7	417.1	417.1	403.6	393.4	383.2	369.7	352.7	335.7	318.8	298.4
-75°	335.7	339.1	342.5	332.4	322.2	312.0	301.8	288.3	274.7	261.1	244.2
-77.5°	261.1	264.5	264.5	257.7	251.0	244.2	237.4	227.2	217.0	206.9	193.3
-80°	206.9	203.5	203.5	200.1	193.3	186.5	183.1	173.0	166.2	156.0	145.8
-82.5°	118.7	122.1	125.5	128.9	132.3	135.7	135.7	128.9	122.1	115.3	108.5
-85°	64.4	64.4	64.4	67.8	74.6	74.6	78.0	74.6	74.6	71.2	67.8
-87.5°	27.1	30.5	30.5	30.5	33.9	33.9	33.9	30.5	27.1	27.1	23.7
-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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**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°	3.4	3.4	3.4	6.8	6.8	6.8	3.4	3.4	6.8	6.8	6.8
85°	3.4	6.8	6.8	6.8	6.8	10.2	10.2	10.2	10.2	10.2	10.2
82.5°	3.4	3.4	3.4	6.8	6.8	10.2	10.2	13.6	13.6	10.2	10.2
80°	3.4	3.4	3.4	3.4	6.8	6.8	10.2	10.2	10.2	10.2	10.2
77.5°	0.0	3.4	3.4	3.4	3.4	6.8	6.8	6.8	6.8	6.8	6.8
75°	0.0	3.4	3.4	3.4	3.4	3.4	6.8	6.8	6.8	6.8	6.8
72.5°	0.0	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	6.8	6.8
70°	0.0	3.4	3.4	3.4	3.4	6.8	6.8	3.4	3.4	3.4	3.4
67.5°	0.0	3.4	3.4	3.4	3.4	3.4	3.4	6.8	6.8	3.4	3.4
65°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
62.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
60°	6.8	6.8	6.8	10.2	10.2	6.8	6.8	6.8	6.8	3.4	3.4
57.5°	47.5	27.1	23.7	27.1	23.7	20.3	13.6	6.8	6.8	6.8	6.8
55°	128.9	125.5	91.6	64.4	50.9	44.1	30.5	23.7	13.6	10.2	10.2
52.5°	193.3	173.0	162.8	139.0	105.1	81.4	61.0	44.1	27.1	17.0	10.2
50°	261.1	244.2	230.6	210.3	169.6	139.0	105.1	74.6	50.9	33.9	20.3
47.5°	437.5	362.9	322.2	298.4	257.7	206.9	169.6	128.9	84.8	57.7	37.3
45°	566.4	505.3	437.5	393.4	335.7	274.7	230.6	196.7	139.0	88.2	61.0
42.5°	644.4	586.7	522.3	468.0	407.0	342.5	284.9	244.2	203.5	135.7	88.2
40°	705.4	657.9	586.7	546.0	478.2	407.0	339.1	298.4	254.3	196.7	118.7
37.5°	824.1	769.8	691.8	647.7	579.9	474.8	413.7	366.3	312.0	251.0	176.3
35°	983.5	949.6	841.1	766.4	698.6	593.5	488.4	434.1	376.4	308.6	234.0
32.5°	1129.3	1078.4	976.7	888.5	820.7	715.6	596.9	505.3	444.3	362.9	281.5
30°	1193.7	1142.9	1068.3	983.5	898.7	800.4	705.4	579.9	505.3	417.1	329.0
27.5°	1224.3	1187.0	1122.5	1044.5	959.7	868.2	780.0	674.9	559.6	464.6	373.0
25°	1248.0	1210.7	1176.8	1095.4	1010.6	922.4	834.3	766.4	624.0	512.1	413.7
22.5°	1265.0	1258.2	1237.8	1153.1	1051.3	983.5	919.1	841.1	708.8	566.4	451.0
20°	1349.8	1359.9	1336.2	1224.3	1125.9	1075.1	1010.6	922.4	793.6	620.6	485.0
17.5°	1495.6	1488.8	1444.7	1336.2	1237.8	1166.6	1105.6	1010.6	875.0	685.0	539.2
15°	1655.0	1610.9	1536.3	1441.3	1346.4	1265.0	1193.7	1081.8	936.0	759.7	596.9
12.5°	1739.8	1668.5	1607.5	1522.7	1441.3	1349.8	1244.6	1129.3	986.9	820.7	651.1
10°	1763.5	1709.2	1658.4	1580.4	1482.0	1376.9	1271.7	1166.6	1031.0	868.2	702.0
7.5°	1777.1	1729.6	1671.9	1600.7	1502.4	1400.6	1295.5	1197.1	1068.3	908.9	749.5
5°	1783.8	1736.4	1678.7	1617.7	1519.3	1417.6	1309.1	1220.9	1098.8	939.4	776.6
2.5°	1787.2	1739.8	1685.5	1638.0	1543.1	1427.8	1332.8	1231.1	1119.1	963.1	790.2
0°	1787.2	1733.0	1688.9	1658.4	1560.0	1431.1	1346.4	1231.1	1125.9	973.3	793.6
-2.5°	1783.8	1753.3	1695.7	1661.8	1587.1	1451.5	1356.5	1237.8	1139.5	997.1	817.3
-5°	1814.4	1763.5	1705.8	1665.1	1593.9	1461.7	1356.5	1241.2	1142.9	1007.2	827.5
-7.5°	1831.3	1770.3	1719.4	1668.5	1590.5	1471.8	1356.5	1251.4	1142.9	1007.2	841.1
-10°	1831.3	1777.1	1726.2	1668.5	1587.1	1471.8	1359.9	1254.8	1139.5	1003.8	844.4
-12.5°	1824.5	1773.7	1726.2	1665.1	1580.4	1461.7	1356.5	1248.0	1132.7	993.7	844.4
-15°	1824.5	1770.3	1722.8	1655.0	1573.6	1451.5	1356.5	1237.8	1119.1	983.5	834.3
-17.5°	1821.1	1770.3	1705.8	1641.4	1556.6	1444.7	1343.0	1224.3	1105.6	969.9	820.7
-20°	1814.4	1760.1	1695.7	1631.2	1536.3	1431.1	1319.2	1200.5	1085.2	949.6	800.4



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 CATALOG NUMBER: IFLD-L-SA7A-AMB-U-LAM-VI

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	1804.2	1743.1	1678.7	1607.5	1515.9	1407.4	1292.1	1176.8	1054.7	922.4	780.0
-25°	1783.8	1722.8	1658.4	1583.8	1495.6	1383.7	1258.2	1146.3	1020.8	891.9	752.9
-27.5°	1760.1	1695.7	1634.6	1563.4	1475.2	1359.9	1231.1	1105.6	983.5	858.0	719.0
-30°	1722.8	1661.8	1604.1	1546.4	1444.7	1315.8	1187.0	1064.9	949.6	817.3	678.3
-32.5°	1685.5	1624.4	1566.8	1495.6	1400.6	1258.2	1136.1	1020.8	905.5	769.8	634.2
-35°	1648.2	1580.4	1515.9	1437.9	1322.6	1197.1	1081.8	969.9	847.8	719.0	586.7
-37.5°	1604.1	1532.9	1461.7	1373.5	1261.6	1142.9	1020.8	912.3	797.0	661.3	535.8
-40°	1539.7	1478.6	1414.2	1312.4	1203.9	1078.4	956.4	851.2	732.5	607.0	488.4
-42.5°	1485.4	1421.0	1339.6	1248.0	1136.1	1017.4	902.1	786.8	671.5	552.8	440.9
-45°	1410.8	1332.8	1254.8	1176.8	1064.9	949.6	830.9	719.0	607.0	495.1	390.0
-47.5°	1309.1	1237.8	1166.6	1081.8	986.9	864.8	752.9	644.4	535.8	427.3	342.5
-50°	1210.7	1146.3	1068.3	980.1	878.4	769.8	664.7	563.0	451.0	366.3	301.8
-52.5°	1115.7	1047.9	963.1	878.4	769.8	668.1	573.1	474.8	386.6	315.4	261.1
-55°	1000.4	939.4	841.1	746.1	657.9	573.1	481.6	407.0	335.7	274.7	227.2
-57.5°	858.0	786.8	708.8	630.8	552.8	485.0	417.1	349.3	291.7	237.4	200.1
-60°	712.2	651.1	590.1	529.0	471.4	413.7	359.5	301.8	251.0	210.3	169.6
-62.5°	583.3	539.2	491.7	440.9	396.8	349.3	305.2	257.7	217.0	179.7	149.2
-65°	481.6	447.7	407.0	366.3	329.0	291.7	251.0	213.7	186.5	156.0	132.3
-67.5°	403.6	369.7	339.1	305.2	271.3	240.8	213.7	186.5	159.4	135.7	118.7
-70°	335.7	308.6	281.5	257.7	230.6	203.5	179.7	159.4	139.0	122.1	105.1
-72.5°	278.1	257.7	237.4	213.7	193.3	173.0	156.0	139.0	122.1	105.1	91.6
-75°	227.2	206.9	189.9	173.0	156.0	142.4	128.9	115.3	101.7	91.6	78.0
-77.5°	179.7	162.8	149.2	135.7	125.5	115.3	105.1	95.0	84.8	78.0	67.8
-80°	135.7	125.5	115.3	105.1	98.3	91.6	81.4	74.6	67.8	61.0	54.3
-82.5°	101.7	95.0	88.2	81.4	74.6	67.8	57.7	50.9	47.5	40.7	37.3
-85°	64.4	61.0	54.3	50.9	47.5	40.7	37.3	30.5	30.5	27.1	23.7
-87.5°	23.7	20.3	20.3	20.3	17.0	17.0	17.0	13.6	13.6	13.6	13.6
-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):**

	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°	6.8	6.8	3.4	3.4	3.4	3.4	3.4	0.0	0.0	0.0	0.0
85°	10.2	10.2	10.2	10.2	10.2	6.8	3.4	3.4	3.4	0.0	0.0
82.5°	10.2	10.2	10.2	10.2	10.2	6.8	6.8	3.4	3.4	0.0	0.0
80°	10.2	10.2	10.2	10.2	10.2	6.8	6.8	3.4	3.4	3.4	0.0
77.5°	6.8	10.2	10.2	10.2	10.2	6.8	6.8	3.4	3.4	3.4	0.0
75°	6.8	6.8	10.2	10.2	10.2	6.8	6.8	3.4	3.4	3.4	0.0
72.5°	6.8	6.8	6.8	10.2	10.2	6.8	6.8	3.4	3.4	3.4	3.4
70°	3.4	6.8	6.8	6.8	6.8	6.8	6.8	3.4	3.4	3.4	3.4
67.5°	3.4	3.4	6.8	6.8	6.8	6.8	6.8	3.4	3.4	3.4	3.4
65°	3.4	3.4	3.4	3.4	6.8	6.8	6.8	3.4	3.4	3.4	3.4
62.5°	3.4	3.4	3.4	3.4	3.4	6.8	3.4	3.4	3.4	3.4	3.4
60°	3.4	6.8	6.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
57.5°	6.8	6.8	6.8	6.8	6.8	6.8	3.4	3.4	3.4	3.4	3.4
55°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	3.4	3.4	3.4	3.4
52.5°	10.2	6.8	6.8	6.8	6.8	6.8	6.8	3.4	3.4	3.4	3.4
50°	13.6	10.2	10.2	6.8	6.8	6.8	6.8	6.8	3.4	3.4	3.4
47.5°	20.3	13.6	10.2	10.2	6.8	6.8	6.8	6.8	3.4	3.4	3.4
45°	37.3	17.0	17.0	10.2	10.2	6.8	6.8	6.8	3.4	3.4	3.4
42.5°	57.7	33.9	20.3	13.6	10.2	10.2	6.8	6.8	6.8	3.4	3.4
40°	81.4	50.9	30.5	20.3	13.6	10.2	6.8	6.8	6.8	3.4	3.4
37.5°	108.5	67.8	44.1	27.1	17.0	10.2	10.2	6.8	6.8	3.4	3.4
35°	149.2	95.0	57.7	37.3	20.3	13.6	10.2	6.8	6.8	3.4	3.4
32.5°	196.7	122.1	67.8	47.5	27.1	17.0	10.2	10.2	10.2	3.4	3.4
30°	240.8	152.6	91.6	57.7	37.3	20.3	10.2	10.2	10.2	6.8	3.4
27.5°	281.5	193.3	115.3	67.8	44.1	23.7	13.6	10.2	10.2	6.8	3.4
25°	322.2	227.2	142.4	81.4	50.9	27.1	17.0	10.2	10.2	6.8	3.4
22.5°	359.5	261.1	166.2	98.3	61.0	33.9	17.0	10.2	10.2	6.8	3.4
20°	403.6	295.0	196.7	118.7	71.2	40.7	20.3	10.2	10.2	10.2	3.4
17.5°	444.3	332.4	223.8	135.7	81.4	44.1	23.7	13.6	10.2	10.2	3.4
15°	481.6	369.7	247.6	152.6	91.6	50.9	27.1	13.6	10.2	10.2	3.4
12.5°	515.5	403.6	271.3	169.6	101.7	54.3	30.5	13.6	10.2	10.2	6.8
10°	549.4	437.5	291.7	183.1	111.9	61.0	33.9	17.0	10.2	10.2	6.8
7.5°	579.9	464.6	308.6	196.7	118.7	64.4	37.3	17.0	13.6	13.6	6.8
5°	603.7	481.6	322.2	213.7	128.9	67.8	44.1	17.0	13.6	13.6	6.8
2.5°	627.4	498.5	335.7	227.2	135.7	71.2	44.1	20.3	13.6	13.6	6.8
0°	644.4	505.3	342.5	237.4	142.4	74.6	47.5	20.3	13.6	13.6	6.8
-2.5°	671.5	518.9	359.5	244.2	149.2	81.4	47.5	23.7	13.6	13.6	6.8
-5°	688.4	522.3	373.0	244.2	152.6	91.6	50.9	27.1	13.6	13.6	6.8
-7.5°	698.6	522.3	383.2	247.6	159.4	95.0	50.9	30.5	13.6	13.6	6.8
-10°	698.6	529.0	386.6	247.6	159.4	98.3	50.9	30.5	13.6	13.6	6.8
-12.5°	691.8	529.0	386.6	251.0	162.8	98.3	50.9	33.9	17.0	13.6	6.8
-15°	681.7	529.0	379.8	251.0	162.8	98.3	50.9	33.9	17.0	13.6	6.8
-17.5°	671.5	518.9	373.0	247.6	159.4	98.3	54.3	33.9	17.0	13.6	6.8
-20°	654.5	508.7	362.9	237.4	156.0	95.0	57.7	33.9	17.0	10.2	6.8



REPORT NUMBER: P640021  
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**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	637.6	491.7	349.3	223.8	152.6	91.6	57.7	33.9	17.0	10.2	6.8
-25°	610.4	471.4	332.4	213.7	142.4	88.2	61.0	33.9	20.3	10.2	6.8
-27.5°	576.5	440.9	312.0	203.5	139.0	84.8	57.7	33.9	20.3	10.2	6.8
-30°	539.2	410.4	284.9	193.3	132.3	84.8	57.7	33.9	20.3	13.6	6.8
-32.5°	501.9	379.8	261.1	179.7	125.5	84.8	57.7	33.9	23.7	13.6	6.8
-35°	461.2	345.9	247.6	173.0	115.3	81.4	54.3	33.9	23.7	13.6	6.8
-37.5°	420.5	315.4	230.6	162.8	111.9	78.0	50.9	33.9	23.7	13.6	6.8
-40°	383.2	291.7	213.7	152.6	105.1	74.6	50.9	33.9	23.7	13.6	10.2
-42.5°	345.9	267.9	196.7	142.4	98.3	71.2	47.5	33.9	20.3	13.6	10.2
-45°	312.0	244.2	179.7	128.9	91.6	64.4	47.5	33.9	20.3	13.6	10.2
-47.5°	274.7	220.4	162.8	118.7	84.8	61.0	44.1	30.5	20.3	13.6	10.2
-50°	244.2	189.9	145.8	105.1	81.4	61.0	44.1	30.5	20.3	13.6	10.2
-52.5°	213.7	169.6	125.5	98.3	74.6	57.7	40.7	27.1	20.3	13.6	10.2
-55°	186.5	145.8	111.9	88.2	71.2	54.3	40.7	27.1	20.3	13.6	10.2
-57.5°	159.4	128.9	101.7	81.4	67.8	50.9	37.3	23.7	17.0	13.6	10.2
-60°	142.4	115.3	95.0	78.0	61.0	47.5	33.9	23.7	17.0	13.6	6.8
-62.5°	125.5	105.1	88.2	71.2	57.7	44.1	33.9	23.7	17.0	13.6	6.8
-65°	111.9	95.0	81.4	67.8	54.3	40.7	30.5	23.7	17.0	13.6	6.8
-67.5°	101.7	84.8	71.2	61.0	50.9	40.7	30.5	20.3	17.0	10.2	6.8
-70°	88.2	78.0	64.4	57.7	47.5	37.3	27.1	20.3	17.0	10.2	6.8
-72.5°	78.0	67.8	61.0	50.9	44.1	33.9	27.1	20.3	13.6	10.2	6.8
-75°	71.2	61.0	54.3	44.1	37.3	30.5	23.7	17.0	13.6	10.2	6.8
-77.5°	61.0	50.9	44.1	37.3	30.5	23.7	20.3	17.0	10.2	10.2	6.8
-80°	47.5	40.7	33.9	30.5	27.1	20.3	17.0	13.6	10.2	6.8	3.4
-82.5°	33.9	30.5	27.1	23.7	20.3	17.0	13.6	10.2	6.8	6.8	3.4
-85°	23.7	20.3	17.0	17.0	13.6	10.2	10.2	6.8	6.8	3.4	3.4
-87.5°	10.2	10.2	10.2	6.8	6.8	6.8	3.4	3.4	3.4	3.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P640021  
 CATALOG NUMBER: IFLD-L-SA7A-AMB-U-LAM-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°	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0
60°	3.4	0.0	0.0	0.0
57.5°	3.4	0.0	0.0	0.0
55°	3.4	0.0	0.0	0.0
52.5°	3.4	0.0	0.0	0.0
50°	3.4	0.0	0.0	0.0
47.5°	3.4	3.4	0.0	0.0
45°	3.4	3.4	0.0	0.0
42.5°	3.4	3.4	0.0	0.0
40°	3.4	3.4	3.4	0.0
37.5°	3.4	3.4	3.4	0.0
35°	3.4	3.4	3.4	0.0
32.5°	3.4	3.4	3.4	0.0
30°	3.4	3.4	3.4	0.0
27.5°	3.4	3.4	3.4	0.0
25°	3.4	3.4	3.4	0.0
22.5°	3.4	3.4	3.4	0.0
20°	3.4	3.4	3.4	0.0
17.5°	3.4	3.4	3.4	0.0
15°	6.8	3.4	3.4	0.0
12.5°	6.8	3.4	3.4	0.0
10°	6.8	3.4	3.4	0.0
7.5°	6.8	3.4	3.4	0.0
5°	6.8	3.4	3.4	0.0
2.5°	6.8	3.4	3.4	0.0
0°	6.8	3.4	3.4	0.0
-2.5°	6.8	3.4	3.4	0.0
-5°	6.8	3.4	3.4	0.0
-7.5°	6.8	3.4	3.4	0.0
-10°	6.8	3.4	3.4	0.0
-12.5°	6.8	3.4	3.4	0.0
-15°	6.8	3.4	3.4	0.0
-17.5°	6.8	3.4	3.4	0.0
-20°	6.8	3.4	3.4	0.0



REPORT NUMBER: P640021  
CATALOG NUMBER: IFLD-L-SA7A-AMB-U-LAM-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	6.8	3.4	3.4	0.0
-25°	6.8	3.4	3.4	0.0
-27.5°	6.8	3.4	3.4	0.0
-30°	6.8	3.4	3.4	0.0
-32.5°	6.8	3.4	3.4	0.0
-35°	3.4	3.4	3.4	0.0
-37.5°	3.4	3.4	3.4	0.0
-40°	3.4	3.4	3.4	0.0
-42.5°	3.4	3.4	3.4	0.0
-45°	3.4	3.4	3.4	0.0
-47.5°	3.4	3.4	3.4	0.0
-50°	3.4	3.4	3.4	0.0
-52.5°	3.4	3.4	3.4	0.0
-55°	3.4	3.4	3.4	0.0
-57.5°	3.4	3.4	3.4	0.0
-60°	3.4	3.4	0.0	0.0
-62.5°	3.4	3.4	0.0	0.0
-65°	3.4	3.4	0.0	0.0
-67.5°	3.4	3.4	0.0	0.0
-70°	3.4	3.4	0.0	0.0
-72.5°	3.4	3.4	0.0	0.0
-75°	3.4	3.4	0.0	0.0
-77.5°	3.4	0.0	0.0	0.0
-80°	3.4	0.0	0.0	0.0
-82.5°	3.4	0.0	0.0	0.0
-85°	0.0	0.0	0.0	0.0
-87.5°	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)