

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: P723833

Luminaire Tested: **IFLD-L-SA8B-827-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723833
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8B-827-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (128) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	15838 lumens	Max Intensity:	372613.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	49.5 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:	5743.5 lumens	Field Lumens:	9156.3 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

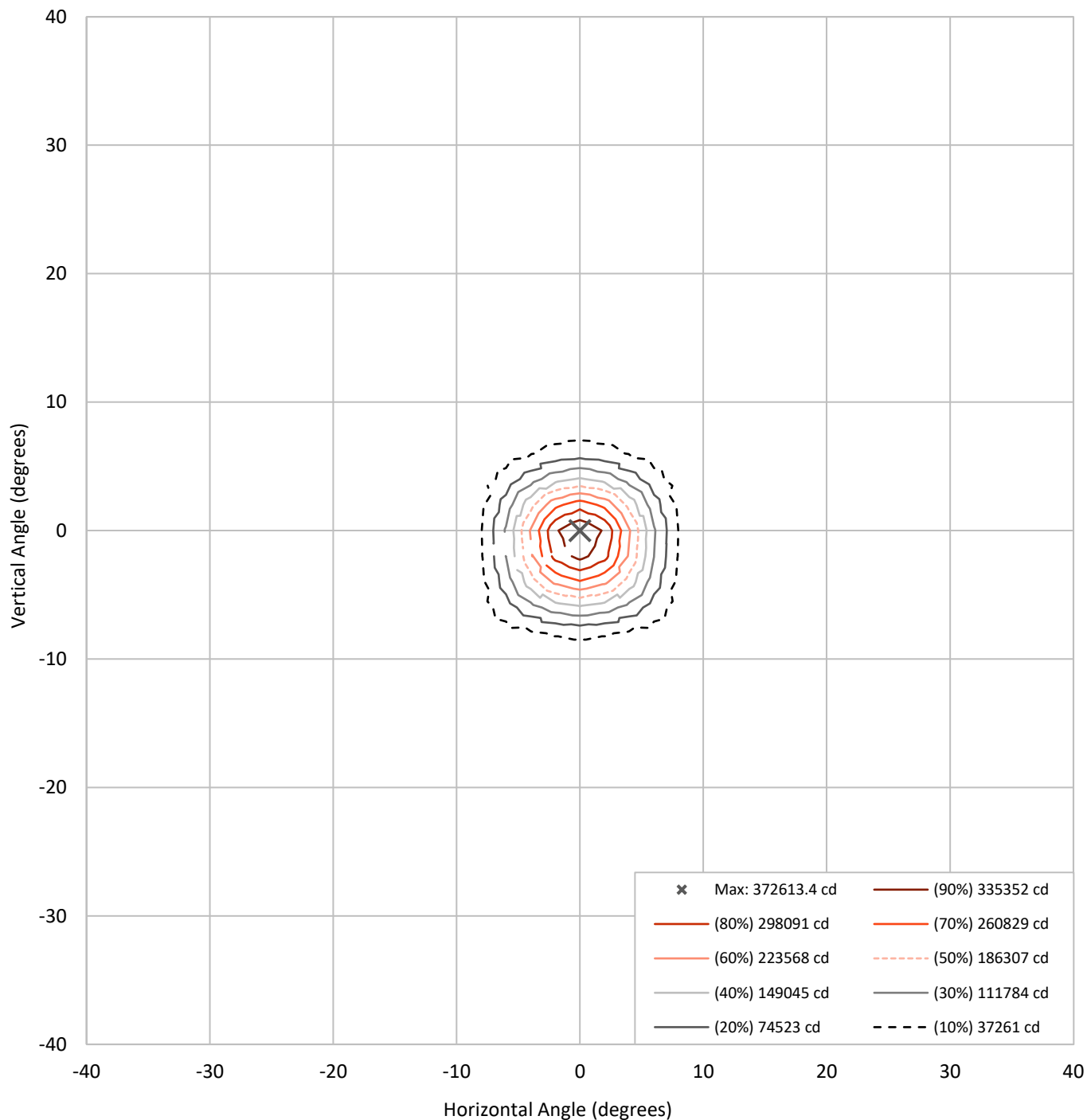
Input Watts (W): 320
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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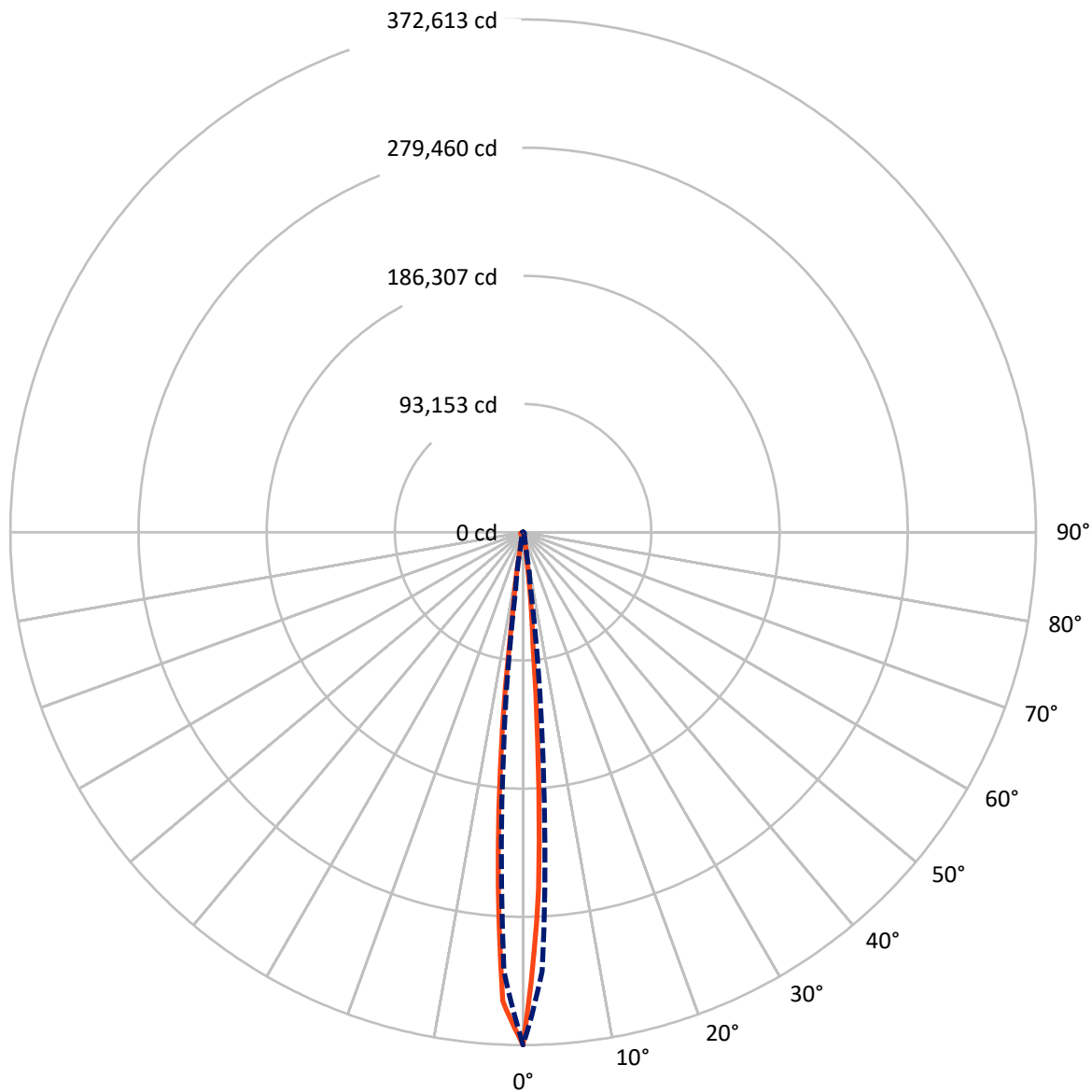
Lumen Table

90																			
80	0.3	3.5		3.8		1.5		0.4		1.5		3.8		3.5		0.3			
70																			
60	0.4	0.8	1.0	0.8	0.6	0.5	0.4	0.2	0.2	0.4	0.5	0.6	0.8	1.0	0.8	0.4			
50		0.5	0.7	1.9	4.1	6.7	8.6	9.8	9.8	8.6	6.7	4.1	1.9	0.7	0.5				
40	0.4	0.5	2.2	7.2	14.2	20.8	25.0	27.7	27.7	25.0	20.8	14.2	7.2	2.2	0.5	0.4			
30		1.1	5.5	14.8	24.1	28.3	30.6	31.6	31.6	30.6	28.3	24.1	14.8	5.5	1.1				
20	0.6	2.1	9.4	21.6	27.9	28.7	33.9	40.8	40.8	33.9	28.7	27.9	21.6	9.4	2.1	0.6			
10		3.2	13.2	26.5	29.8	33.6	59.0	100.5	100.5	59.0	33.6	29.8	26.5	13.2	3.2				
0	1.1	4.2	16.2	29.1	30.9	41.4	112.2	2079.1	2079.1	112.2	41.4	30.9	29.1	16.2	4.2	1.1			
-10		4.9	17.7	30.6	32.0	42.8	120.9	3031.6	3031.6	120.9	42.8	32.0	30.6	17.7	4.9				
-20	1.5	5.2	18.1	32.2	34.6	38.6	70.3	134.9	134.9	70.3	38.6	34.6	32.2	18.1	5.2	1.5			
-30		4.9	17.2	32.6	38.9	38.9	45.5	55.5	55.5	45.5	38.9	38.9	32.6	17.2	4.9				
-40	1.7	4.4	15.2	31.2	42.8	46.6	48.5	48.9	48.9	48.5	46.6	42.8	31.2	15.2	4.4	1.7			
-50		3.8	12.3	26.5	41.2	50.1	56.2	58.9	58.9	56.2	50.1	41.2	26.5	12.3	3.8				
-60	1.3	3.5	9.5	20.5	35.2	47.2	54.9	58.0	58.0	54.9	47.2	35.2	20.5	9.5	3.5	1.3			
-70		3.2	8.3	16.7	29.3	41.3	50.0	54.0	54.0	50.0	41.3	29.3	16.7	8.3	3.2				
-80	0.6	9.8		29.2		54.0		59.7		54.0		29.2		9.8		0.6			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
	Horizontal Angle (degrees)																		

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Luminous Intensity Polar Plot



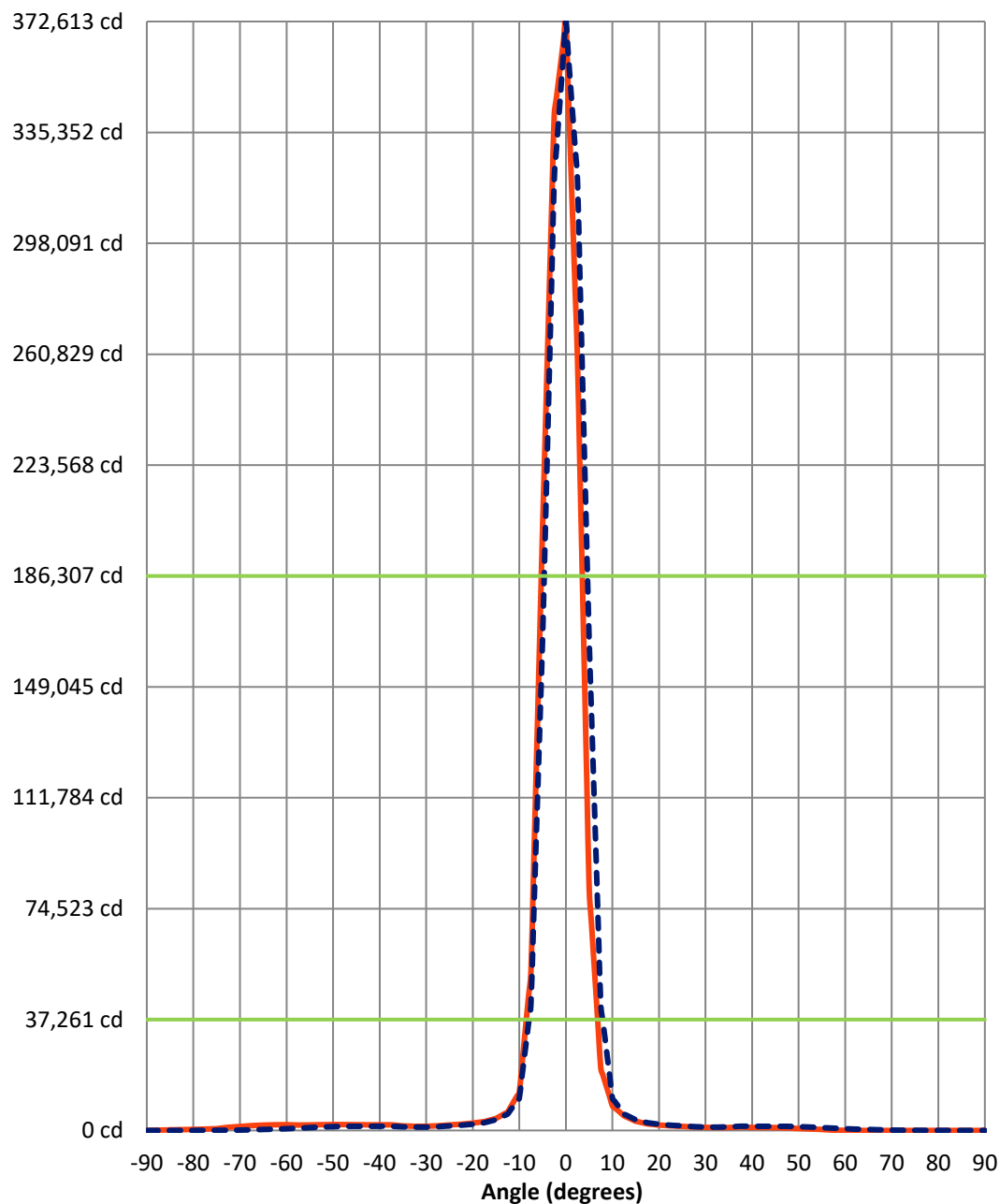
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 5743.5

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 9156.3

Efficiency: 57.8%

Spill:

Lumens: 6681.8

Efficiency: 42.2%

— 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	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
85°	0.0	3.7	3.7	7.3	7.3	7.3	11.0	14.6	18.3	18.3	21.9
82.5°	0.0	3.7	3.7	7.3	7.3	11.0	11.0	18.3	21.9	25.6	32.9
80°	3.7	3.7	3.7	7.3	7.3	11.0	11.0	14.6	18.3	25.6	29.2
77.5°	0.0	3.7	3.7	3.7	7.3	7.3	7.3	11.0	14.6	18.3	21.9
75°	0.0	3.7	3.7	3.7	7.3	7.3	7.3	7.3	11.0	11.0	14.6
72.5°	0.0	0.0	0.0	3.7	3.7	7.3	7.3	7.3	11.0	11.0	11.0
70°	0.0	0.0	0.0	3.7	3.7	7.3	7.3	7.3	11.0	11.0	11.0
67.5°	0.0	0.0	0.0	3.7	3.7	7.3	7.3	7.3	11.0	11.0	11.0
65°	0.0	0.0	0.0	3.7	3.7	7.3	7.3	11.0	11.0	11.0	11.0
62.5°	3.7	3.7	3.7	7.3	11.0	11.0	14.6	18.3	18.3	18.3	18.3
60°	36.6	40.2	43.9	43.9	40.2	40.2	43.9	43.9	43.9	43.9	43.9
57.5°	98.7	106.0	109.7	109.7	109.7	106.0	120.7	124.3	109.7	102.4	113.3
55°	343.7	354.6	347.3	336.4	314.4	288.8	281.5	277.9	281.5	263.2	234.0
52.5°	500.9	511.9	508.2	500.9	486.3	468.0	453.4	438.7	424.1	394.9	362.0
50°	650.8	654.5	650.8	643.5	628.9	610.6	581.3	548.4	519.2	511.9	482.6
47.5°	819.0	829.9	829.9	826.3	815.3	782.4	738.5	691.0	669.1	661.8	632.5
45°	968.9	976.2	979.8	983.5	979.8	946.9	906.7	881.1	833.6	819.0	819.0
42.5°	1009.1	1012.8	1016.4	1020.1	1031.0	1005.4	972.5	928.7	917.7	914.0	906.7
40°	1023.7	1016.4	1020.1	1023.7	1027.4	1009.1	983.5	957.9	950.6	943.3	943.3
37.5°	1162.7	1129.8	1104.2	1082.2	1063.9	1045.7	1020.1	998.1	979.8	965.2	979.8
35°	990.8	990.8	1016.4	1038.3	1060.3	1082.2	1085.9	1060.3	1020.1	1001.8	1027.4
32.5°	1012.8	1012.8	1012.8	1020.1	1027.4	1045.7	1063.9	1074.9	1104.2	1071.3	1071.3
30°	1034.7	1038.3	1045.7	1049.3	1038.3	1031.0	1023.7	1023.7	1042.0	1089.5	1115.1
27.5°	1162.7	1162.7	1151.7	1137.1	1104.2	1053.0	1027.4	990.8	994.5	1016.4	1078.6
25°	1371.1	1363.7	1338.2	1301.6	1243.1	1170.0	1100.5	1023.7	990.8	979.8	1005.4
22.5°	1568.5	1557.5	1524.6	1491.7	1444.2	1371.1	1254.1	1137.1	1034.7	990.8	979.8
20°	1820.8	1795.2	1758.6	1707.4	1630.6	1557.5	1455.1	1301.6	1151.7	1038.3	994.5
17.5°	2226.6	2193.7	2124.2	2032.8	1901.2	1787.9	1641.6	1495.4	1327.2	1144.4	1045.7
15°	3115.0	3031.0	2910.3	2658.0	2398.4	2182.7	1963.4	1718.4	1546.6	1305.2	1155.3
12.5°	4899.2	4668.9	4317.9	3729.3	3147.9	2647.1	2292.4	1978.0	1700.1	1477.1	1265.0
10°	8292.2	7798.6	6829.7	5221.0	4149.7	3228.4	2592.2	2171.8	1820.8	1590.4	1356.4
7.5°	20971.7	17107.1	12105.5	8266.6	5429.4	3945.0	2965.1	2354.6	1948.7	1663.6	1429.6
5°	81737.0	67331.8	35918.1	14990.2	8167.9	4771.3	3301.5	2500.8	2032.8	1718.4	1484.4
2.5°	259407.9	224016.3	117530.8	32269.2	10028.8	5374.5	3531.8	2592.2	2080.4	1758.6	1524.6
0°	372613.4	319343.2	164947.4	42440.6	10877.1	5528.1	3605.0	2610.5	2087.7	1765.9	1524.6
-2.5°	340878.0	298334.9	159338.9	39493.8	11114.7	5572.0	3663.5	2672.6	2142.5	1798.8	1535.6
-5°	202547.3	177663.5	111150.8	28159.7	9875.3	5173.5	3509.9	2617.8	2105.9	1780.5	1528.3
-7.5°	53365.2	46199.2	30390.0	14694.1	6391.0	4376.4	3224.7	2526.4	2058.4	1747.6	1499.0
-10°	12866.0	12193.3	10891.7	6676.1	4976.0	3656.2	2859.1	2361.9	1963.4	1703.8	1451.5
-12.5°	6204.5	6058.2	5498.9	4533.6	3692.7	3038.3	2588.6	2190.0	1875.6	1627.0	1385.7
-15°	4036.4	3952.3	3762.2	3392.9	2965.1	2650.7	2336.3	2014.5	1765.9	1513.6	1330.8
-17.5°	2987.1	2983.4	2888.4	2749.4	2537.4	2303.4	2073.0	1868.3	1627.0	1411.3	1272.3
-20°	2475.2	2475.2	2420.4	2329.0	2179.1	2025.5	1872.0	1681.8	1484.4	1323.5	1265.0



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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°	2102.3	2105.9	2076.7	2018.2	1937.8	1809.8	1659.9	1506.3	1363.7	1305.2	1287.0
-25°	1861.0	1853.7	1820.8	1765.9	1681.8	1579.5	1480.7	1378.4	1338.2	1323.5	1349.1
-27.5°	1575.8	1586.8	1572.1	1546.6	1491.7	1418.6	1396.7	1367.4	1374.7	1396.7	1495.4
-30°	1407.6	1418.6	1433.2	1444.2	1425.9	1407.6	1414.9	1436.9	1484.4	1568.5	1605.1
-32.5°	1407.6	1411.3	1433.2	1455.1	1466.1	1480.7	1521.0	1594.1	1663.6	1641.6	1634.3
-35°	1535.6	1524.6	1553.9	1583.1	1623.3	1674.5	1718.4	1703.8	1678.2	1670.9	1678.2
-37.5°	1901.2	1831.7	1802.5	1784.2	1773.2	1765.9	1755.0	1744.0	1733.0	1725.7	1736.7
-40°	1897.5	1879.3	1861.0	1846.4	1835.4	1820.8	1813.5	1809.8	1798.8	1791.5	1784.2
-42.5°	1890.2	1897.5	1897.5	1893.9	1897.5	1893.9	1882.9	1868.3	1850.0	1835.4	1820.8
-45°	1945.1	1948.7	1956.0	1963.4	1974.3	1959.7	1937.8	1912.2	1886.6	1864.6	1846.4
-47.5°	1978.0	1981.6	1988.9	1999.9	2007.2	1992.6	1963.4	1930.4	1890.2	1853.7	1817.1
-50°	1988.9	1999.9	2003.6	2003.6	1999.9	1981.6	1937.8	1890.2	1846.4	1809.8	1776.9
-52.5°	1937.8	1948.7	1952.4	1945.1	1941.4	1923.1	1882.9	1839.0	1791.5	1765.9	1736.7
-55°	1853.7	1868.3	1879.3	1879.3	1879.3	1875.6	1839.0	1798.8	1762.3	1733.0	1703.8
-57.5°	1820.8	1846.4	1868.3	1872.0	1875.6	1879.3	1853.7	1813.5	1769.6	1725.7	1689.1
-60°	1941.4	1963.4	1974.3	1959.7	1948.7	1937.8	1897.5	1850.0	1806.1	1762.3	1692.8
-62.5°	1908.5	1945.1	1963.4	1952.4	1937.8	1919.5	1875.6	1820.8	1769.6	1722.0	1652.6
-65°	1802.5	1835.4	1857.3	1839.0	1817.1	1791.5	1751.3	1700.1	1652.6	1605.1	1542.9
-67.5°	1623.3	1670.9	1707.4	1667.2	1638.0	1605.1	1572.1	1528.3	1480.7	1425.9	1367.4
-70°	1341.8	1378.4	1411.3	1400.3	1393.0	1385.7	1363.7	1319.9	1279.7	1235.8	1184.6
-72.5°	1078.6	1111.5	1140.7	1122.4	1107.8	1085.9	1053.0	1005.4	957.9	910.4	862.9
-75°	596.0	606.9	617.9	614.2	614.2	614.2	614.2	617.9	610.6	599.6	577.7
-77.5°	457.0	471.6	482.6	489.9	500.9	515.5	526.5	508.2	489.9	471.6	449.7
-80°	358.3	372.9	383.9	424.1	453.4	486.3	508.2	482.6	457.0	435.1	416.8
-82.5°	270.6	281.5	292.5	314.4	329.1	347.3	362.0	362.0	358.3	354.6	343.7
-85°	197.4	212.1	226.7	234.0	245.0	245.0	248.6	234.0	219.4	208.4	193.8
-87.5°	113.3	117.0	117.0	117.0	120.7	120.7	120.7	113.3	109.7	102.4	98.7
-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°	3.7	3.7	3.7	7.3	7.3	11.0	11.0	14.6	14.6	18.3	18.3
85°	21.9	21.9	21.9	25.6	25.6	29.2	32.9	36.6	40.2	40.2	43.9
82.5°	36.6	40.2	43.9	47.5	51.2	54.8	58.5	62.2	73.1	80.4	84.1
80°	36.6	40.2	51.2	58.5	65.8	73.1	73.1	73.1	73.1	76.8	84.1
77.5°	25.6	29.2	32.9	40.2	58.5	73.1	84.1	91.4	84.1	80.4	73.1
75°	14.6	18.3	21.9	25.6	36.6	51.2	69.5	87.7	102.4	98.7	91.4
72.5°	14.6	14.6	18.3	21.9	25.6	29.2	32.9	51.2	73.1	91.4	102.4
70°	14.6	18.3	18.3	21.9	25.6	29.2	32.9	40.2	51.2	73.1	95.1
67.5°	14.6	18.3	18.3	25.6	32.9	36.6	40.2	36.6	32.9	47.5	69.5
65°	14.6	14.6	18.3	21.9	25.6	29.2	40.2	40.2	36.6	36.6	36.6
62.5°	21.9	21.9	21.9	21.9	25.6	25.6	25.6	32.9	32.9	32.9	32.9
60°	43.9	40.2	40.2	40.2	40.2	32.9	32.9	32.9	29.2	32.9	29.2
57.5°	106.0	87.7	80.4	80.4	69.5	65.8	54.8	40.2	40.2	32.9	32.9
55°	215.7	204.7	171.8	142.6	128.0	113.3	87.7	73.1	54.8	43.9	40.2
52.5°	332.7	303.5	274.2	237.7	201.1	171.8	146.2	113.3	91.4	65.8	51.2
50°	435.1	409.5	376.6	336.4	288.8	252.3	215.7	171.8	135.3	102.4	73.1
47.5°	592.3	541.1	500.9	453.4	398.5	347.3	299.8	248.6	190.1	149.9	113.3
45°	760.5	687.4	632.5	588.6	515.5	446.1	391.2	336.4	266.9	197.4	153.6
42.5°	877.5	822.6	749.5	691.0	625.2	552.1	479.0	420.5	347.3	266.9	197.4
40°	939.6	903.1	844.6	793.4	723.9	643.5	566.7	508.2	431.4	343.7	248.6
37.5°	987.2	968.9	939.6	899.4	833.6	738.5	661.8	592.3	526.5	424.1	321.7
35°	1042.0	1038.3	1020.1	1001.8	946.9	855.5	764.1	683.7	603.3	508.2	394.9
32.5°	1093.2	1089.5	1078.6	1071.3	1049.3	968.9	870.2	778.8	687.4	588.6	464.3
30°	1118.8	1111.5	1111.5	1118.8	1096.8	1045.7	972.5	873.8	771.4	654.5	537.5
27.5°	1118.8	1111.5	1115.1	1126.1	1122.4	1096.8	1042.0	961.6	848.2	716.6	603.3
25°	1071.3	1107.8	1107.8	1122.4	1126.1	1118.8	1089.5	1038.3	921.4	782.4	654.5
22.5°	1005.4	1093.2	1126.1	1122.4	1126.1	1144.4	1148.0	1100.5	990.8	848.2	705.6
20°	1005.4	1067.6	1162.7	1137.1	1144.4	1184.6	1202.9	1162.7	1063.9	910.4	756.8
17.5°	1027.4	1067.6	1148.0	1188.3	1199.2	1232.1	1261.4	1235.8	1129.8	976.2	826.3
15°	1089.5	1082.2	1137.1	1235.8	1254.1	1279.7	1312.6	1283.3	1188.3	1049.3	892.1
12.5°	1133.4	1093.2	1137.1	1243.1	1301.6	1327.2	1338.2	1316.2	1239.4	1115.1	957.9
10°	1191.9	1122.4	1144.4	1235.8	1319.9	1338.2	1349.1	1341.8	1287.0	1170.0	1016.4
7.5°	1235.8	1137.1	1137.1	1224.8	1338.2	1352.8	1360.1	1367.4	1327.2	1217.5	1067.6
5°	1254.1	1137.1	1129.8	1213.8	1356.4	1371.1	1371.1	1382.0	1356.4	1254.1	1104.2
2.5°	1257.7	1133.4	1122.4	1206.5	1389.3	1389.3	1382.0	1393.0	1378.4	1276.0	1129.8
0°	1276.0	1129.8	1118.8	1217.5	1425.9	1411.3	1393.0	1396.7	1389.3	1287.0	1144.4
-2.5°	1276.0	1148.0	1133.4	1224.8	1422.2	1418.6	1411.3	1414.9	1407.6	1319.9	1173.6
-5°	1294.3	1173.6	1159.0	1257.7	1418.6	1429.6	1433.2	1433.2	1422.2	1341.8	1191.9
-7.5°	1297.9	1191.9	1188.3	1290.6	1425.9	1444.2	1455.1	1462.5	1440.5	1356.4	1206.5
-10°	1279.7	1199.2	1217.5	1330.8	1433.2	1458.8	1480.7	1491.7	1455.1	1363.7	1213.8
-12.5°	1239.4	1199.2	1246.7	1382.0	1451.5	1480.7	1513.6	1517.3	1469.8	1367.4	1217.5
-15°	1235.8	1228.5	1297.9	1433.2	1462.5	1499.0	1550.2	1539.2	1480.7	1367.4	1217.5
-17.5°	1232.1	1268.7	1374.7	1451.5	1480.7	1521.0	1561.2	1550.2	1488.1	1367.4	1210.2
-20°	1265.0	1334.5	1466.1	1469.8	1502.7	1546.6	1568.5	1546.6	1477.1	1356.4	1199.2



REPORT NUMBER: P723833

CATALOG NUMBER: IFLD-L-SA8B-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	1319.9	1451.5	1495.4	1510.0	1539.2	1572.1	1583.1	1550.2	1466.1	1338.2	1180.9
-25°	1458.8	1524.6	1524.6	1557.5	1586.8	1601.4	1590.4	1553.9	1451.5	1319.9	1162.7
-27.5°	1564.8	1561.2	1579.5	1612.4	1638.0	1638.0	1608.7	1535.6	1429.6	1301.6	1137.1
-30°	1605.1	1608.7	1634.3	1670.9	1678.2	1659.9	1616.0	1521.0	1411.3	1272.3	1104.2
-32.5°	1645.3	1659.9	1692.8	1711.1	1714.7	1678.2	1597.7	1495.4	1382.0	1239.4	1067.6
-35°	1692.8	1722.0	1740.3	1744.0	1725.7	1663.6	1572.1	1462.5	1338.2	1191.9	1034.7
-37.5°	1755.0	1769.6	1780.5	1765.9	1714.7	1641.6	1528.3	1418.6	1297.9	1140.7	987.2
-40°	1795.2	1802.5	1806.1	1758.6	1696.5	1590.4	1480.7	1367.4	1228.5	1082.2	936.0
-42.5°	1820.8	1813.5	1784.2	1733.0	1641.6	1539.2	1433.2	1305.2	1166.3	1023.7	881.1
-45°	1813.5	1787.9	1744.0	1681.8	1586.8	1484.4	1360.1	1232.1	1100.5	961.6	819.0
-47.5°	1784.2	1744.0	1689.1	1616.0	1528.3	1404.0	1279.7	1155.3	1027.4	892.1	760.5
-50°	1747.6	1700.1	1634.3	1542.9	1425.9	1312.6	1199.2	1078.6	946.9	822.6	705.6
-52.5°	1707.4	1656.2	1572.1	1469.8	1341.8	1224.8	1115.1	998.1	877.5	760.5	658.1
-55°	1663.6	1612.4	1517.3	1400.3	1272.3	1144.4	1038.3	939.6	822.6	709.3	617.9
-57.5°	1641.6	1575.8	1477.1	1360.1	1224.8	1093.2	1001.8	895.8	789.7	672.7	585.0
-60°	1623.3	1557.5	1466.1	1330.8	1202.9	1078.6	972.5	870.2	756.8	647.1	559.4
-62.5°	1572.1	1502.7	1418.6	1287.0	1162.7	1049.3	954.3	833.6	723.9	621.5	541.1
-65°	1469.8	1396.7	1323.5	1206.5	1093.2	987.2	892.1	782.4	680.0	592.3	522.8
-67.5°	1308.9	1246.7	1180.9	1082.2	987.2	892.1	804.4	709.3	625.2	563.0	526.5
-70°	1129.8	1063.9	998.1	917.7	837.3	760.5	691.0	621.5	566.7	533.8	504.5
-72.5°	822.6	793.4	760.5	698.3	632.5	585.0	552.1	522.8	482.6	453.4	435.1
-75°	548.4	508.2	457.0	435.1	438.7	431.4	413.1	391.2	372.9	362.0	336.4
-77.5°	427.8	405.8	380.2	354.6	343.7	332.7	318.1	299.8	285.2	259.6	223.0
-80°	394.9	376.6	358.3	340.0	321.7	296.1	266.9	237.7	223.0	212.1	208.4
-82.5°	325.4	303.5	281.5	263.2	237.7	219.4	201.1	186.5	186.5	182.8	179.2
-85°	186.5	179.2	168.2	160.9	153.6	142.6	131.6	124.3	120.7	117.0	113.3
-87.5°	95.1	91.4	84.1	80.4	76.8	73.1	65.8	62.2	58.5	58.5	54.8
-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-SA8B-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°	18.3	18.3	14.6	14.6	14.6	11.0	7.3	7.3	3.7	3.7	0.0
85°	43.9	36.6	32.9	29.2	29.2	21.9	14.6	11.0	7.3	3.7	3.7
82.5°	84.1	73.1	62.2	54.8	43.9	32.9	25.6	18.3	11.0	7.3	3.7
80°	95.1	95.1	91.4	76.8	62.2	47.5	32.9	21.9	14.6	11.0	7.3
77.5°	73.1	80.4	80.4	80.4	76.8	58.5	40.2	25.6	14.6	11.0	7.3
75°	84.1	73.1	69.5	73.1	69.5	58.5	47.5	29.2	18.3	14.6	7.3
72.5°	102.4	87.7	76.8	73.1	65.8	54.8	43.9	32.9	18.3	14.6	11.0
70°	95.1	91.4	84.1	76.8	65.8	54.8	43.9	32.9	21.9	14.6	11.0
67.5°	84.1	84.1	84.1	76.8	65.8	51.2	40.2	29.2	21.9	14.6	11.0
65°	58.5	69.5	76.8	73.1	65.8	51.2	40.2	29.2	21.9	18.3	11.0
62.5°	36.6	47.5	62.2	69.5	62.2	51.2	36.6	29.2	21.9	18.3	11.0
60°	32.9	36.6	43.9	54.8	58.5	47.5	36.6	25.6	21.9	18.3	11.0
57.5°	32.9	32.9	36.6	43.9	47.5	43.9	32.9	21.9	21.9	18.3	14.6
55°	36.6	32.9	32.9	36.6	40.2	40.2	32.9	21.9	21.9	18.3	14.6
52.5°	43.9	36.6	32.9	32.9	32.9	36.6	29.2	21.9	21.9	18.3	14.6
50°	54.8	43.9	40.2	32.9	32.9	32.9	29.2	21.9	18.3	18.3	14.6
47.5°	73.1	58.5	43.9	40.2	32.9	29.2	25.6	21.9	18.3	18.3	14.6
45°	109.7	69.5	58.5	43.9	36.6	32.9	29.2	21.9	18.3	18.3	14.6
42.5°	149.9	102.4	73.1	51.2	40.2	32.9	29.2	25.6	18.3	18.3	14.6
40°	190.1	138.9	91.4	65.8	47.5	36.6	29.2	25.6	21.9	18.3	14.6
37.5°	234.0	171.8	120.7	84.1	54.8	40.2	32.9	25.6	21.9	18.3	14.6
35°	288.8	215.7	149.9	102.4	65.8	47.5	36.6	25.6	21.9	18.3	14.6
32.5°	351.0	255.9	179.2	124.3	84.1	58.5	40.2	29.2	21.9	18.3	14.6
30°	409.5	303.5	212.1	149.9	102.4	65.8	43.9	29.2	21.9	18.3	11.0
27.5°	468.0	351.0	252.3	175.5	124.3	76.8	47.5	32.9	21.9	18.3	14.6
25°	526.5	398.5	292.5	201.1	142.6	91.4	58.5	36.6	21.9	18.3	14.6
22.5°	577.7	446.1	329.1	230.3	164.5	106.0	65.8	40.2	25.6	18.3	14.6
20°	636.2	497.2	369.3	263.2	182.8	120.7	73.1	43.9	25.6	18.3	14.6
17.5°	691.0	548.4	409.5	292.5	204.7	135.3	84.1	47.5	29.2	18.3	14.6
15°	745.9	596.0	446.1	321.7	226.7	149.9	91.4	51.2	32.9	18.3	14.6
12.5°	797.0	639.8	479.0	347.3	245.0	164.5	98.7	54.8	36.6	18.3	14.6
10°	844.6	680.0	511.9	369.3	263.2	175.5	106.0	62.2	40.2	18.3	14.6
7.5°	892.1	713.0	537.5	391.2	285.2	190.1	113.3	65.8	43.9	21.9	14.6
5°	921.4	742.2	559.4	409.5	303.5	204.7	120.7	69.5	47.5	21.9	14.6
2.5°	946.9	764.1	574.0	427.8	321.7	215.7	120.7	73.1	51.2	21.9	14.6
0°	961.6	778.8	585.0	438.7	336.4	223.0	124.3	76.8	54.8	21.9	14.6
-2.5°	994.5	804.4	610.6	453.4	351.0	245.0	131.6	80.4	58.5	25.6	14.6
-5°	1016.4	819.0	628.9	468.0	362.0	266.9	142.6	87.7	65.8	32.9	18.3
-7.5°	1034.7	833.6	643.5	475.3	372.9	274.2	146.2	91.4	69.5	36.6	18.3
-10°	1038.3	840.9	654.5	486.3	380.2	285.2	149.9	95.1	73.1	40.2	18.3
-12.5°	1042.0	848.2	658.1	493.6	387.6	292.5	153.6	98.7	76.8	43.9	18.3
-15°	1038.3	844.6	658.1	500.9	391.2	285.2	160.9	102.4	80.4	47.5	18.3
-17.5°	1031.0	840.9	654.5	497.2	387.6	277.9	164.5	109.7	80.4	51.2	21.9
-20°	1020.1	829.9	647.1	493.6	383.9	270.6	168.2	113.3	84.1	51.2	21.9

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CATALOG NUMBER: IFLD-L-SA8B-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°	1001.8	811.7	632.5	482.6	376.6	263.2	168.2	120.7	87.7	51.2	21.9
-25°	979.8	793.4	617.9	468.0	365.6	252.3	168.2	124.3	91.4	51.2	21.9
-27.5°	954.3	775.1	596.0	457.0	351.0	245.0	168.2	128.0	95.1	51.2	21.9
-30°	925.0	749.5	577.7	438.7	340.0	245.0	171.8	131.6	98.7	51.2	21.9
-32.5°	895.8	723.9	555.7	424.1	325.4	241.3	171.8	135.3	102.4	47.5	25.6
-35°	862.9	694.7	537.5	413.1	314.4	234.0	175.5	135.3	98.7	47.5	25.6
-37.5°	822.6	658.1	519.2	402.2	307.1	226.7	175.5	138.9	95.1	47.5	25.6
-40°	778.8	628.9	497.2	387.6	296.1	223.0	175.5	138.9	91.4	47.5	29.2
-42.5°	731.2	596.0	475.3	372.9	285.2	219.4	175.5	138.9	87.7	47.5	29.2
-45°	687.4	563.0	449.7	354.6	274.2	219.4	175.5	135.3	80.4	51.2	29.2
-47.5°	639.8	526.5	420.5	336.4	270.6	215.7	171.8	128.0	73.1	51.2	29.2
-50°	599.6	489.9	398.5	318.1	263.2	219.4	175.5	117.0	73.1	51.2	29.2
-52.5°	559.4	464.3	372.9	310.8	255.9	223.0	171.8	109.7	73.1	51.2	29.2
-55°	526.5	438.7	358.3	299.8	263.2	230.3	164.5	98.7	73.1	51.2	29.2
-57.5°	500.9	424.1	347.3	303.5	274.2	223.0	153.6	95.1	73.1	47.5	29.2
-60°	482.6	409.5	351.0	318.1	277.9	212.1	146.2	95.1	73.1	47.5	25.6
-62.5°	468.0	413.1	369.3	329.1	263.2	197.4	138.9	95.1	65.8	43.9	25.6
-65°	471.6	427.8	376.6	314.4	252.3	182.8	128.0	91.4	62.2	40.2	25.6
-67.5°	482.6	416.8	354.6	296.1	226.7	164.5	117.0	84.1	58.5	40.2	25.6
-70°	446.1	383.9	321.7	252.3	193.8	142.6	109.7	76.8	51.2	36.6	25.6
-72.5°	402.2	321.7	255.9	204.7	164.5	131.6	98.7	69.5	47.5	32.9	21.9
-75°	292.5	234.0	190.1	171.8	146.2	117.0	87.7	62.2	43.9	32.9	21.9
-77.5°	208.4	193.8	175.5	157.2	131.6	102.4	76.8	58.5	40.2	29.2	18.3
-80°	204.7	186.5	164.5	135.3	109.7	87.7	65.8	51.2	36.6	25.6	14.6
-82.5°	171.8	146.2	124.3	102.4	84.1	69.5	54.8	40.2	29.2	18.3	11.0
-85°	106.0	91.4	80.4	69.5	58.5	47.5	36.6	25.6	18.3	11.0	7.3
-87.5°	51.2	47.5	40.2	32.9	29.2	21.9	18.3	14.6	11.0	7.3	3.7
-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: P723833

CATALOG NUMBER: IFLD-L-SA8B-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°	3.7	0.0	0.0	0.0
80°	3.7	0.0	0.0	0.0
77.5°	3.7	0.0	0.0	0.0
75°	3.7	3.7	0.0	0.0
72.5°	3.7	3.7	0.0	0.0
70°	7.3	3.7	3.7	0.0
67.5°	7.3	3.7	3.7	0.0
65°	7.3	3.7	3.7	0.0
62.5°	7.3	3.7	3.7	0.0
60°	7.3	3.7	3.7	0.0
57.5°	7.3	3.7	3.7	0.0
55°	7.3	3.7	3.7	0.0
52.5°	7.3	3.7	3.7	0.0
50°	7.3	3.7	3.7	0.0
47.5°	7.3	7.3	3.7	0.0
45°	7.3	7.3	3.7	0.0
42.5°	7.3	7.3	3.7	0.0
40°	7.3	7.3	3.7	0.0
37.5°	7.3	7.3	3.7	0.0
35°	7.3	7.3	3.7	0.0
32.5°	11.0	7.3	3.7	0.0
30°	11.0	7.3	7.3	0.0
27.5°	11.0	7.3	7.3	0.0
25°	11.0	7.3	7.3	0.0
22.5°	11.0	7.3	7.3	0.0
20°	11.0	7.3	7.3	0.0
17.5°	11.0	7.3	7.3	0.0
15°	11.0	7.3	7.3	0.0
12.5°	11.0	7.3	7.3	0.0
10°	11.0	7.3	7.3	0.0
7.5°	11.0	7.3	7.3	0.0
5°	11.0	7.3	7.3	0.0
2.5°	11.0	7.3	7.3	0.0
0°	11.0	7.3	7.3	0.0
-2.5°	11.0	7.3	7.3	0.0
-5°	11.0	7.3	7.3	0.0
-7.5°	11.0	7.3	7.3	0.0
-10°	11.0	7.3	7.3	0.0
-12.5°	14.6	7.3	7.3	0.0
-15°	14.6	7.3	7.3	0.0
-17.5°	14.6	7.3	7.3	0.0
-20°	14.6	7.3	7.3	0.0

REPORT NUMBER: P723833

CATALOG NUMBER: IFLD-L-SA8B-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	14.6	7.3	7.3	0.0
-25°	14.6	7.3	7.3	0.0
-27.5°	14.6	7.3	7.3	0.0
-30°	14.6	7.3	7.3	0.0
-32.5°	14.6	7.3	7.3	0.0
-35°	14.6	7.3	7.3	0.0
-37.5°	14.6	7.3	7.3	0.0
-40°	14.6	7.3	7.3	0.0
-42.5°	11.0	7.3	3.7	0.0
-45°	14.6	7.3	3.7	0.0
-47.5°	14.6	7.3	3.7	0.0
-50°	14.6	7.3	3.7	0.0
-52.5°	14.6	7.3	3.7	0.0
-55°	14.6	7.3	3.7	0.0
-57.5°	14.6	7.3	3.7	0.0
-60°	14.6	7.3	3.7	0.0
-62.5°	14.6	7.3	3.7	0.0
-65°	14.6	7.3	3.7	0.0
-67.5°	14.6	7.3	3.7	0.0
-70°	14.6	3.7	3.7	0.0
-72.5°	11.0	3.7	3.7	0.0
-75°	11.0	3.7	3.7	0.0
-77.5°	7.3	3.7	0.0	0.0
-80°	7.3	3.7	0.0	0.0
-82.5°	7.3	3.7	0.0	0.0
-85°	3.7	0.0	0.0	0.0
-87.5°	3.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)