

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: P723709

Luminaire Tested: **IFLD-M-SA4D-735-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723709
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4D-735-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (64) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	16334.5 lumens	Max Intensity:	384292.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	65.4 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' 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:	5923.6 lumens	Field Lumens:	9443.3 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

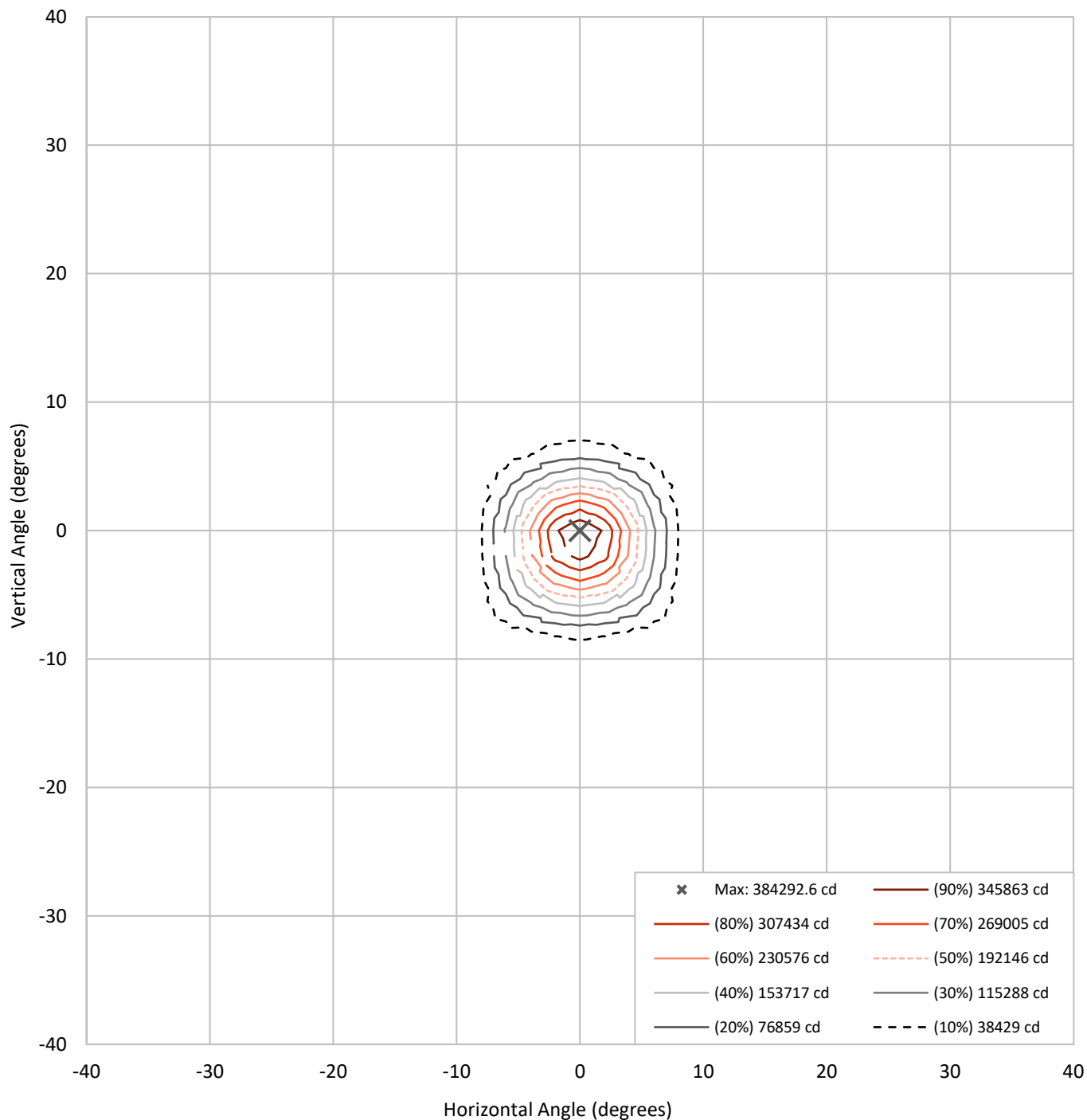
Input Watts (W): 249.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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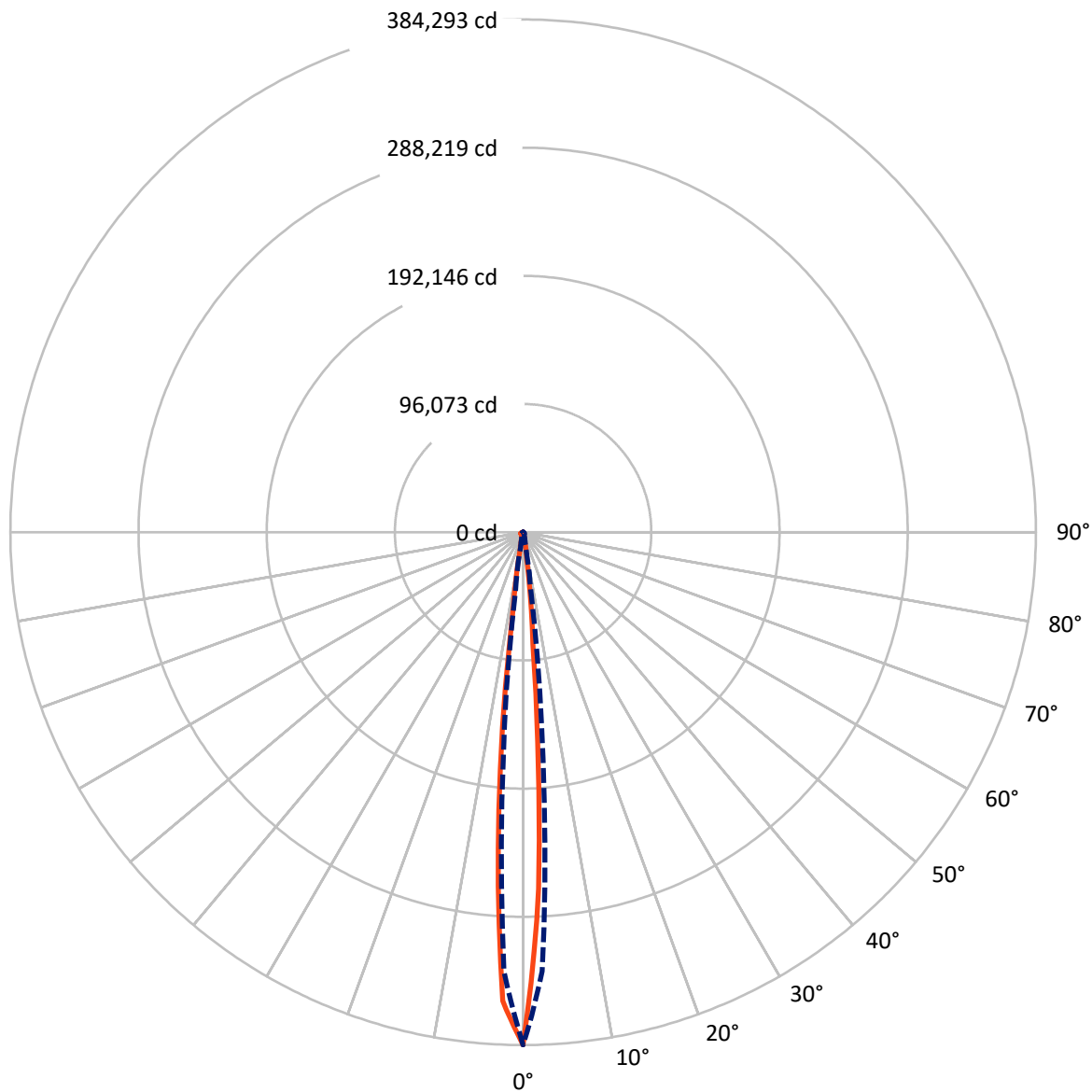
Lumen Table

90																
80	0.3	3.6		4.0		1.5		0.4		1.5		4.0		3.6		0.3
70																
60	0.4	0.8	1.0	0.8	0.7	0.5	0.4	0.2	0.2	0.4	0.5	0.7	0.8	1.0	0.8	0.4
50		0.5	0.7	1.9	4.2	6.9	8.8	10.1	10.1	8.8	6.9	4.2	1.9	0.7	0.5	
40	0.4	0.5	2.2	7.4	14.7	21.4	25.8	28.6	28.6	25.8	21.4	14.7	7.4	2.2	0.5	0.4
30		1.1	5.7	15.3	24.8	29.2	31.5	32.6	32.6	31.5	29.2	24.8	15.3	5.7	1.1	
20	0.6	2.1	9.7	22.2	28.8	29.6	35.0	42.1	42.1	35.0	29.6	28.8	22.2	9.7	2.1	0.6
10		3.3	13.6	27.3	30.7	34.6	60.8	103.7	103.7	60.8	34.6	30.7	27.3	13.6	3.3	
0	1.1	4.3	16.7	30.0	31.8	42.7	115.7	2144.3	2144.3	115.7	42.7	31.8	30.0	16.7	4.3	1.1
-10		5.0	18.2	31.5	33.0	44.2	124.7	3126.6	3126.6	124.7	44.2	33.0	31.5	18.2	5.0	
-20	1.6	5.4	18.7	33.2	35.7	39.9	72.5	139.1	139.1	72.5	39.9	35.7	33.2	18.7	5.4	1.6
-30		5.1	17.8	33.6	40.1	40.1	46.9	57.3	57.3	46.9	40.1	40.1	33.6	17.8	5.1	
-40	1.7	4.5	15.7	32.1	44.1	48.1	50.0	50.4	50.4	50.0	48.1	44.1	32.1	15.7	4.5	1.7
-50		4.0	12.6	27.3	42.5	51.7	58.0	60.8	60.8	58.0	51.7	42.5	27.3	12.6	4.0	
-60	1.4	3.6	9.8	21.2	36.3	48.7	56.6	59.8	59.8	56.6	48.7	36.3	21.2	9.8	3.6	1.4
-70		3.3	8.6	17.2	30.3	42.6	51.5	55.7	55.7	51.5	42.6	30.3	17.2	8.6	3.3	
-80	0.6	10.1		30.1		55.7		61.5		55.7		30.1		10.1		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



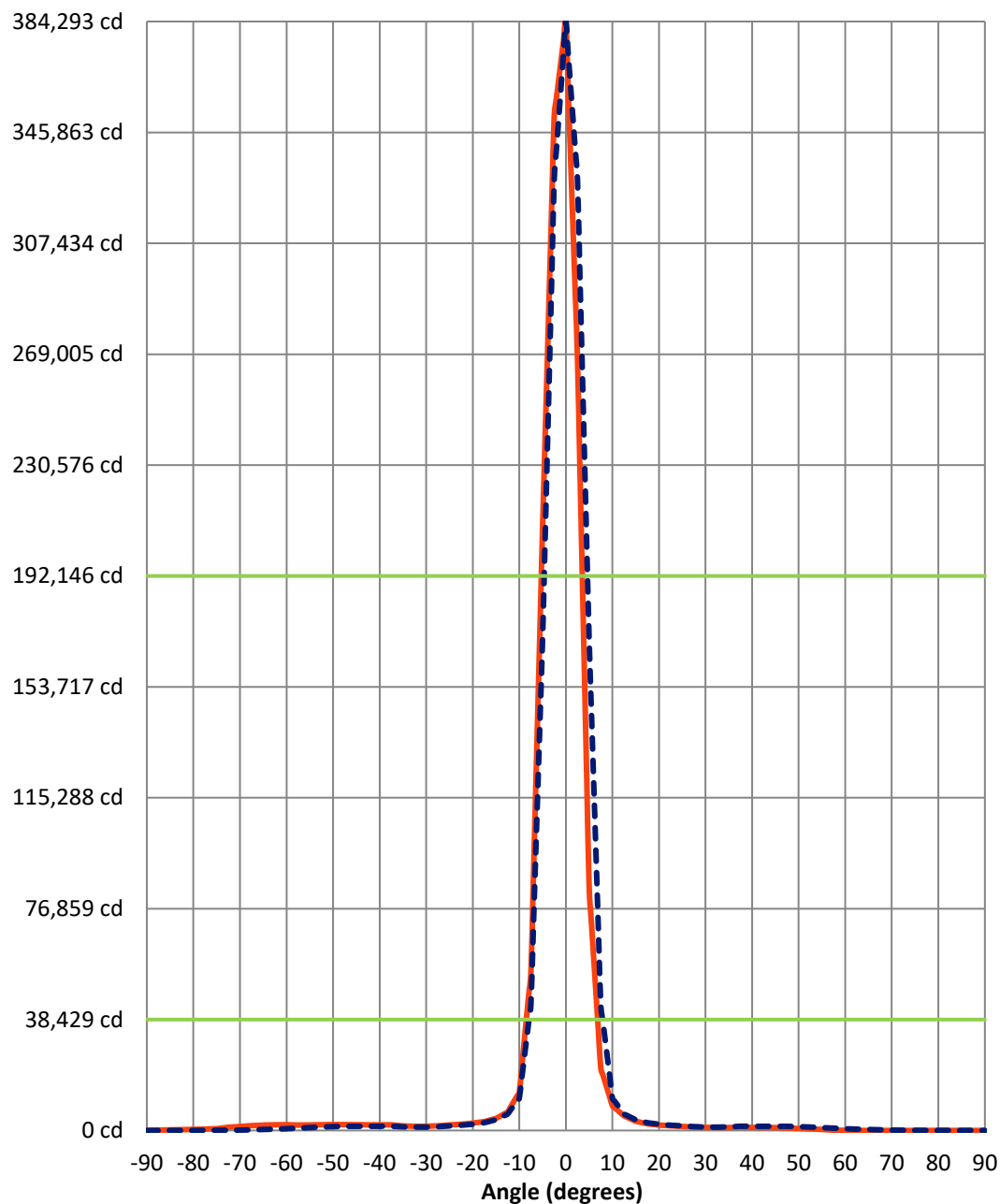
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 5923.6

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 9443.3

Efficiency: 57.8%

Spill:

Lumens: 6891.2

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	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
85°	0.0	3.8	3.8	7.5	7.5	7.5	11.3	15.1	18.9	18.9	22.6
82.5°	0.0	3.8	3.8	7.5	7.5	11.3	11.3	18.9	22.6	26.4	33.9
80°	3.8	3.8	3.8	7.5	7.5	11.3	11.3	15.1	18.9	26.4	30.2
77.5°	0.0	3.8	3.8	3.8	7.5	7.5	7.5	11.3	15.1	18.9	22.6
75°	0.0	3.8	3.8	3.8	7.5	7.5	7.5	7.5	11.3	11.3	15.1
72.5°	0.0	0.0	0.0	3.8	3.8	7.5	7.5	7.5	11.3	11.3	11.3
70°	0.0	0.0	0.0	3.8	3.8	7.5	7.5	7.5	11.3	11.3	11.3
67.5°	0.0	0.0	0.0	3.8	3.8	7.5	7.5	7.5	11.3	11.3	11.3
65°	0.0	0.0	0.0	3.8	3.8	7.5	7.5	11.3	11.3	11.3	11.3
62.5°	3.8	3.8	3.8	7.5	11.3	11.3	15.1	18.9	18.9	18.9	18.9
60°	37.7	41.5	45.2	45.2	41.5	41.5	45.2	45.2	45.2	45.2	45.2
57.5°	101.8	109.4	113.1	113.1	113.1	109.4	124.4	128.2	113.1	105.6	116.9
55°	354.5	365.8	358.2	346.9	324.3	297.9	290.3	286.6	290.3	271.5	241.3
52.5°	516.6	527.9	524.1	516.6	501.5	482.7	467.6	452.5	437.4	407.2	373.3
50°	671.2	675.0	671.2	663.7	648.6	629.7	599.5	565.6	535.4	527.9	497.7
47.5°	844.6	856.0	856.0	852.2	840.9	806.9	761.7	712.7	690.0	682.5	652.3
45°	999.2	1006.8	1010.6	1014.3	1010.6	976.6	935.1	908.8	859.7	844.6	844.6
42.5°	1040.7	1044.5	1048.3	1052.0	1063.4	1037.0	1003.0	957.8	946.5	942.7	935.1
40°	1055.8	1048.3	1052.0	1055.8	1059.6	1040.7	1014.3	987.9	980.4	972.9	972.9
37.5°	1199.1	1165.2	1138.8	1116.1	1097.3	1078.4	1052.0	1029.4	1010.6	995.5	1010.6
35°	1021.9	1021.9	1048.3	1070.9	1093.5	1116.1	1119.9	1093.5	1052.0	1033.2	1059.6
32.5°	1044.5	1044.5	1044.5	1052.0	1059.6	1078.4	1097.3	1108.6	1138.8	1104.8	1104.8
30°	1067.1	1070.9	1078.4	1082.2	1070.9	1063.4	1055.8	1055.8	1074.7	1123.7	1150.1
27.5°	1199.1	1199.1	1187.8	1172.7	1138.8	1086.0	1059.6	1021.9	1025.6	1048.3	1112.4
25°	1414.0	1406.5	1380.1	1342.4	1282.1	1206.6	1135.0	1055.8	1021.9	1010.6	1037.0
22.5°	1617.7	1606.3	1572.4	1538.5	1489.4	1414.0	1293.4	1172.7	1067.1	1021.9	1010.6
20°	1877.8	1851.4	1813.7	1760.9	1681.8	1606.3	1500.8	1342.4	1187.8	1070.9	1025.6
17.5°	2296.4	2262.5	2190.8	2096.5	1960.8	1843.9	1693.1	1542.2	1368.8	1180.2	1078.4
15°	3212.7	3126.0	3001.5	2741.3	2473.6	2251.1	2024.9	1772.3	1595.0	1346.2	1191.6
12.5°	5052.8	4815.3	4453.3	3846.2	3246.6	2730.0	2364.3	2040.0	1753.4	1523.4	1304.7
10°	8552.1	8043.0	7043.8	5384.6	4279.8	3329.6	2673.5	2239.8	1877.8	1640.3	1398.9
7.5°	21629.0	17643.4	12485.0	8525.7	5599.6	4068.6	3058.1	2428.4	2009.8	1715.7	1474.4
5°	84299.0	69442.2	37043.9	15460.1	8423.9	4920.8	3405.0	2579.2	2096.5	1772.3	1530.9
2.5°	267538.7	231037.8	121214.6	33280.7	10343.2	5543.0	3642.5	2673.5	2145.6	1813.7	1572.4
0°	384292.6	329352.7	170117.5	43770.9	11218.0	5701.4	3718.0	2692.3	2153.1	1821.3	1572.4
-2.5°	351562.4	307685.9	164333.2	40731.7	11463.1	5746.6	3778.3	2756.4	2209.7	1855.2	1583.7
-5°	208896.0	183232.2	114634.7	29042.3	10184.8	5335.6	3619.9	2699.9	2172.0	1836.4	1576.2
-7.5°	55037.9	47647.2	31342.5	15154.7	6591.3	4513.6	3325.8	2605.6	2122.9	1802.4	1546.0
-10°	13269.3	12575.5	11233.1	6885.4	5132.0	3770.8	2948.7	2435.9	2024.9	1757.2	1497.0
-12.5°	6399.0	6248.1	5671.2	4675.7	3808.5	3133.5	2669.7	2258.7	1934.4	1678.0	1429.1
-15°	4162.9	4076.2	3880.1	3499.3	3058.1	2733.8	2409.5	2077.7	1821.3	1561.1	1372.6
-17.5°	3080.7	3076.9	2978.9	2835.6	2616.9	2375.6	2138.0	1926.9	1678.0	1455.5	1312.2
-20°	2552.8	2552.8	2496.2	2402.0	2247.4	2089.0	1930.6	1734.5	1530.9	1365.0	1304.7

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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°	2168.2	2172.0	2141.8	2081.5	1998.5	1866.5	1711.9	1553.6	1406.5	1346.2	1327.3
-25°	1919.3	1911.8	1877.8	1821.3	1734.5	1629.0	1527.2	1421.6	1380.1	1365.0	1391.4
-27.5°	1625.2	1636.5	1621.4	1595.0	1538.5	1463.1	1440.4	1410.3	1417.8	1440.4	1542.2
-30°	1451.7	1463.1	1478.1	1489.4	1470.6	1451.7	1459.3	1481.9	1530.9	1617.7	1655.4
-32.5°	1451.7	1455.5	1478.1	1500.8	1512.1	1527.2	1568.6	1644.0	1715.7	1693.1	1685.5
-35°	1583.7	1572.4	1602.6	1632.7	1674.2	1727.0	1772.3	1757.2	1730.8	1723.2	1730.8
-37.5°	1960.8	1889.1	1859.0	1840.1	1828.8	1821.3	1810.0	1798.6	1787.3	1779.8	1791.1
-40°	1957.0	1938.2	1919.3	1904.2	1892.9	1877.8	1870.3	1866.5	1855.2	1847.7	1840.1
-42.5°	1949.5	1957.0	1957.0	1953.3	1957.0	1953.3	1941.9	1926.9	1908.0	1892.9	1877.8
-45°	2006.0	2009.8	2017.4	2024.9	2036.2	2021.1	1998.5	1972.1	1945.7	1923.1	1904.2
-47.5°	2040.0	2043.7	2051.3	2062.6	2070.1	2055.1	2024.9	1991.0	1949.5	1911.8	1874.1
-50°	2051.3	2062.6	2066.4	2066.4	2062.6	2043.7	1998.5	1949.5	1904.2	1866.5	1832.6
-52.5°	1998.5	2009.8	2013.6	2006.0	2002.3	1983.4	1941.9	1896.7	1847.7	1821.3	1791.1
-55°	1911.8	1926.9	1938.2	1938.2	1938.2	1934.4	1896.7	1855.2	1817.5	1787.3	1757.2
-57.5°	1877.8	1904.2	1926.9	1930.6	1934.4	1938.2	1911.8	1870.3	1825.0	1779.8	1742.1
-60°	2002.3	2024.9	2036.2	2021.1	2009.8	1998.5	1957.0	1908.0	1862.8	1817.5	1745.9
-62.5°	1968.3	2006.0	2024.9	2013.6	1998.5	1979.6	1934.4	1877.8	1825.0	1776.0	1704.4
-65°	1859.0	1892.9	1915.5	1896.7	1874.1	1847.7	1806.2	1753.4	1704.4	1655.4	1591.3
-67.5°	1674.2	1723.2	1760.9	1719.5	1689.3	1655.4	1621.4	1576.2	1527.2	1470.6	1410.3
-70°	1383.9	1421.6	1455.5	1444.2	1436.7	1429.1	1406.5	1361.2	1319.8	1274.5	1221.7
-72.5°	1112.4	1146.3	1176.5	1157.6	1142.5	1119.9	1086.0	1037.0	987.9	938.9	889.9
-75°	614.6	625.9	637.3	633.5	633.5	633.5	633.5	637.3	629.7	618.4	595.8
-77.5°	471.3	486.4	497.7	505.3	516.6	531.7	543.0	524.1	505.3	486.4	463.8
-80°	369.5	384.6	395.9	437.4	467.6	501.5	524.1	497.7	471.3	448.7	429.9
-82.5°	279.0	290.3	301.7	324.3	339.4	358.2	373.3	373.3	369.5	365.8	354.5
-85°	203.6	218.7	233.8	241.3	252.6	252.6	256.4	241.3	226.2	214.9	199.8
-87.5°	116.9	120.7	120.7	120.7	124.4	124.4	124.4	116.9	113.1	105.6	101.8
-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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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°	3.8	3.8	3.8	7.5	7.5	11.3	11.3	15.1	15.1	18.9	18.9
85°	22.6	22.6	22.6	26.4	26.4	30.2	33.9	37.7	41.5	41.5	45.2
82.5°	37.7	41.5	45.2	49.0	52.8	56.6	60.3	64.1	75.4	83.0	86.7
80°	37.7	41.5	52.8	60.3	67.9	75.4	75.4	75.4	75.4	79.2	86.7
77.5°	26.4	30.2	33.9	41.5	60.3	75.4	86.7	94.3	86.7	83.0	75.4
75°	15.1	18.9	22.6	26.4	37.7	52.8	71.6	90.5	105.6	101.8	94.3
72.5°	15.1	15.1	18.9	22.6	26.4	30.2	33.9	52.8	75.4	94.3	105.6
70°	15.1	18.9	18.9	22.6	26.4	30.2	33.9	41.5	52.8	75.4	98.0
67.5°	15.1	18.9	18.9	26.4	33.9	37.7	41.5	37.7	33.9	49.0	71.6
65°	15.1	15.1	18.9	22.6	26.4	30.2	41.5	41.5	37.7	37.7	37.7
62.5°	22.6	22.6	22.6	22.6	26.4	26.4	26.4	33.9	33.9	33.9	33.9
60°	45.2	41.5	41.5	41.5	41.5	33.9	33.9	33.9	30.2	33.9	30.2
57.5°	109.4	90.5	83.0	83.0	71.6	67.9	56.6	41.5	41.5	33.9	33.9
55°	222.5	211.2	177.2	147.1	132.0	116.9	90.5	75.4	56.6	45.2	41.5
52.5°	343.1	313.0	282.8	245.1	207.4	177.2	150.8	116.9	94.3	67.9	52.8
50°	448.7	422.3	388.4	346.9	297.9	260.2	222.5	177.2	139.5	105.6	75.4
47.5°	610.9	558.1	516.6	467.6	411.0	358.2	309.2	256.4	196.1	154.6	116.9
45°	784.3	708.9	652.3	607.1	531.7	460.0	403.5	346.9	275.3	203.6	158.4
42.5°	905.0	848.4	773.0	712.7	644.8	569.4	494.0	433.6	358.2	275.3	203.6
40°	969.1	931.4	871.0	818.3	746.6	663.7	584.5	524.1	444.9	354.5	256.4
37.5°	1018.1	999.2	969.1	927.6	859.7	761.7	682.5	610.9	543.0	437.4	331.8
35°	1074.7	1070.9	1052.0	1033.2	976.6	882.4	788.1	705.1	622.2	524.1	407.2
32.5°	1127.5	1123.7	1112.4	1104.8	1082.2	999.2	897.4	803.2	708.9	607.1	478.9
30°	1153.9	1146.3	1146.3	1153.9	1131.2	1078.4	1003.0	901.2	795.6	675.0	554.3
27.5°	1153.9	1146.3	1150.1	1161.4	1157.6	1131.2	1074.7	991.7	874.8	739.1	622.2
25°	1104.8	1142.5	1142.5	1157.6	1161.4	1153.9	1123.7	1070.9	950.2	806.9	675.0
22.5°	1037.0	1127.5	1161.4	1157.6	1161.4	1180.2	1184.0	1135.0	1021.9	874.8	727.8
20°	1037.0	1101.1	1199.1	1172.7	1180.2	1221.7	1240.6	1199.1	1097.3	938.9	780.5
17.5°	1059.6	1101.1	1184.0	1225.5	1236.8	1270.7	1300.9	1274.5	1165.2	1006.8	852.2
15°	1123.7	1116.1	1172.7	1274.5	1293.4	1319.8	1353.7	1323.5	1225.5	1082.2	920.1
12.5°	1168.9	1127.5	1172.7	1282.1	1342.4	1368.8	1380.1	1357.5	1278.3	1150.1	987.9
10°	1229.3	1157.6	1180.2	1274.5	1361.2	1380.1	1391.4	1383.9	1327.3	1206.6	1048.3
7.5°	1274.5	1172.7	1172.7	1263.2	1380.1	1395.2	1402.7	1410.3	1368.8	1255.7	1101.1
5°	1293.4	1172.7	1165.2	1251.9	1398.9	1414.0	1414.0	1425.3	1398.9	1293.4	1138.8
2.5°	1297.1	1168.9	1157.6	1244.3	1432.9	1432.9	1425.3	1436.7	1421.6	1316.0	1165.2
0°	1316.0	1165.2	1153.9	1255.7	1470.6	1455.5	1436.7	1440.4	1432.9	1327.3	1180.2
-2.5°	1316.0	1184.0	1168.9	1263.2	1466.8	1463.1	1455.5	1459.3	1451.7	1361.2	1210.4
-5°	1334.8	1210.4	1195.3	1297.1	1463.1	1474.4	1478.1	1478.1	1466.8	1383.9	1229.3
-7.5°	1338.6	1229.3	1225.5	1331.1	1470.6	1489.4	1500.8	1508.3	1485.7	1398.9	1244.3
-10°	1319.8	1236.8	1255.7	1372.6	1478.1	1504.5	1527.2	1538.5	1500.8	1406.5	1251.9
-12.5°	1278.3	1236.8	1285.8	1425.3	1497.0	1527.2	1561.1	1564.9	1515.8	1410.3	1255.7
-15°	1274.5	1267.0	1338.6	1478.1	1508.3	1546.0	1598.8	1587.5	1527.2	1410.3	1255.7
-17.5°	1270.7	1308.5	1417.8	1497.0	1527.2	1568.6	1610.1	1598.8	1534.7	1410.3	1248.1
-20°	1304.7	1376.3	1512.1	1515.8	1549.8	1595.0	1617.7	1595.0	1523.4	1398.9	1236.8

REPORT NUMBER: P723709

CATALOG NUMBER: IFLD-M-SA4D-735-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°	1361.2	1497.0	1542.2	1557.3	1587.5	1621.4	1632.7	1598.8	1512.1	1380.1	1218.0
-25°	1504.5	1572.4	1572.4	1606.3	1636.5	1651.6	1640.3	1602.6	1497.0	1361.2	1199.1
-27.5°	1613.9	1610.1	1629.0	1662.9	1689.3	1689.3	1659.1	1583.7	1474.4	1342.4	1172.7
-30°	1655.4	1659.1	1685.5	1723.2	1730.8	1711.9	1666.7	1568.6	1455.5	1312.2	1138.8
-32.5°	1696.8	1711.9	1745.9	1764.7	1768.5	1730.8	1647.8	1542.2	1425.3	1278.3	1101.1
-35°	1745.9	1776.0	1794.9	1798.6	1779.8	1715.7	1621.4	1508.3	1380.1	1229.3	1067.1
-37.5°	1810.0	1825.0	1836.4	1821.3	1768.5	1693.1	1576.2	1463.1	1338.6	1176.5	1018.1
-40°	1851.4	1859.0	1862.8	1813.7	1749.6	1640.3	1527.2	1410.3	1267.0	1116.1	965.3
-42.5°	1877.8	1870.3	1840.1	1787.3	1693.1	1587.5	1478.1	1346.2	1202.9	1055.8	908.8
-45°	1870.3	1843.9	1798.6	1734.5	1636.5	1530.9	1402.7	1270.7	1135.0	991.7	844.6
-47.5°	1840.1	1798.6	1742.1	1666.7	1576.2	1448.0	1319.8	1191.6	1059.6	920.1	784.3
-50°	1802.4	1753.4	1685.5	1591.3	1470.6	1353.7	1236.8	1112.4	976.6	848.4	727.8
-52.5°	1760.9	1708.2	1621.4	1515.8	1383.9	1263.2	1150.1	1029.4	905.0	784.3	678.7
-55°	1715.7	1662.9	1564.9	1444.2	1312.2	1180.2	1070.9	969.1	848.4	731.5	637.3
-57.5°	1693.1	1625.2	1523.4	1402.7	1263.2	1127.5	1033.2	923.8	814.5	693.8	603.3
-60°	1674.2	1606.3	1512.1	1372.6	1240.6	1112.4	1003.0	897.4	780.5	667.4	576.9
-62.5°	1621.4	1549.8	1463.1	1327.3	1199.1	1082.2	984.2	859.7	746.6	641.0	558.1
-65°	1515.8	1440.4	1365.0	1244.3	1127.5	1018.1	920.1	806.9	701.4	610.9	539.2
-67.5°	1349.9	1285.8	1218.0	1116.1	1018.1	920.1	829.6	731.5	644.8	580.7	543.0
-70°	1165.2	1097.3	1029.4	946.5	863.5	784.3	712.7	641.0	584.5	550.5	520.4
-72.5°	848.4	818.3	784.3	720.2	652.3	603.3	569.4	539.2	497.7	467.6	448.7
-75°	565.6	524.1	471.3	448.7	452.5	444.9	426.1	403.5	384.6	373.3	346.9
-77.5°	441.2	418.6	392.2	365.8	354.5	343.1	328.1	309.2	294.1	267.7	230.0
-80°	407.2	388.4	369.5	350.7	331.8	305.4	275.3	245.1	230.0	218.7	214.9
-82.5°	335.6	313.0	290.3	271.5	245.1	226.2	207.4	192.3	192.3	188.5	184.8
-85°	192.3	184.8	173.5	165.9	158.4	147.1	135.7	128.2	124.4	120.7	116.9
-87.5°	98.0	94.3	86.7	83.0	79.2	75.4	67.9	64.1	60.3	60.3	56.6
-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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CATALOG NUMBER: IFLD-M-SA4D-735-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°	18.9	18.9	15.1	15.1	15.1	11.3	7.5	7.5	3.8	3.8	0.0
85°	45.2	37.7	33.9	30.2	30.2	22.6	15.1	11.3	7.5	3.8	3.8
82.5°	86.7	75.4	64.1	56.6	45.2	33.9	26.4	18.9	11.3	7.5	3.8
80°	98.0	98.0	94.3	79.2	64.1	49.0	33.9	22.6	15.1	11.3	7.5
77.5°	75.4	83.0	83.0	83.0	79.2	60.3	41.5	26.4	15.1	11.3	7.5
75°	86.7	75.4	71.6	75.4	71.6	60.3	49.0	30.2	18.9	15.1	7.5
72.5°	105.6	90.5	79.2	75.4	67.9	56.6	45.2	33.9	18.9	15.1	11.3
70°	98.0	94.3	86.7	79.2	67.9	56.6	45.2	33.9	22.6	15.1	11.3
67.5°	86.7	86.7	86.7	79.2	67.9	52.8	41.5	30.2	22.6	15.1	11.3
65°	60.3	71.6	79.2	75.4	67.9	52.8	41.5	30.2	22.6	18.9	11.3
62.5°	37.7	49.0	64.1	71.6	64.1	52.8	37.7	30.2	22.6	18.9	11.3
60°	33.9	37.7	45.2	56.6	60.3	49.0	37.7	26.4	22.6	18.9	11.3
57.5°	33.9	33.9	37.7	45.2	49.0	45.2	33.9	22.6	22.6	18.9	15.1
55°	37.7	33.9	33.9	37.7	41.5	41.5	33.9	22.6	22.6	18.9	15.1
52.5°	45.2	37.7	33.9	33.9	33.9	37.7	30.2	22.6	22.6	18.9	15.1
50°	56.6	45.2	41.5	33.9	33.9	33.9	30.2	22.6	18.9	18.9	15.1
47.5°	75.4	60.3	45.2	41.5	33.9	30.2	26.4	22.6	18.9	18.9	15.1
45°	113.1	71.6	60.3	45.2	37.7	33.9	30.2	22.6	18.9	18.9	15.1
42.5°	154.6	105.6	75.4	52.8	41.5	33.9	30.2	26.4	18.9	18.9	15.1
40°	196.1	143.3	94.3	67.9	49.0	37.7	30.2	26.4	22.6	18.9	15.1
37.5°	241.3	177.2	124.4	86.7	56.6	41.5	33.9	26.4	22.6	18.9	15.1
35°	297.9	222.5	154.6	105.6	67.9	49.0	37.7	26.4	22.6	18.9	15.1
32.5°	362.0	264.0	184.8	128.2	86.7	60.3	41.5	30.2	22.6	18.9	15.1
30°	422.3	313.0	218.7	154.6	105.6	67.9	45.2	30.2	22.6	18.9	11.3
27.5°	482.7	362.0	260.2	181.0	128.2	79.2	49.0	33.9	22.6	18.9	15.1
25°	543.0	411.0	301.7	207.4	147.1	94.3	60.3	37.7	22.6	18.9	15.1
22.5°	595.8	460.0	339.4	237.6	169.7	109.4	67.9	41.5	26.4	18.9	15.1
20°	656.1	512.8	380.8	271.5	188.5	124.4	75.4	45.2	26.4	18.9	15.1
17.5°	712.7	565.6	422.3	301.7	211.2	139.5	86.7	49.0	30.2	18.9	15.1
15°	769.2	614.6	460.0	331.8	233.8	154.6	94.3	52.8	33.9	18.9	15.1
12.5°	822.0	659.9	494.0	358.2	252.6	169.7	101.8	56.6	37.7	18.9	15.1
10°	871.0	701.4	527.9	380.8	271.5	181.0	109.4	64.1	41.5	18.9	15.1
7.5°	920.1	735.3	554.3	403.5	294.1	196.1	116.9	67.9	45.2	22.6	15.1
5°	950.2	765.5	576.9	422.3	313.0	211.2	124.4	71.6	49.0	22.6	15.1
2.5°	976.6	788.1	592.0	441.2	331.8	222.5	124.4	75.4	52.8	22.6	15.1
0°	991.7	803.2	603.3	452.5	346.9	230.0	128.2	79.2	56.6	22.6	15.1
-2.5°	1025.6	829.6	629.7	467.6	362.0	252.6	135.7	83.0	60.3	26.4	15.1
-5°	1048.3	844.6	648.6	482.7	373.3	275.3	147.1	90.5	67.9	33.9	18.9
-7.5°	1067.1	859.7	663.7	490.2	384.6	282.8	150.8	94.3	71.6	37.7	18.9
-10°	1070.9	867.3	675.0	501.5	392.2	294.1	154.6	98.0	75.4	41.5	18.9
-12.5°	1074.7	874.8	678.7	509.1	399.7	301.7	158.4	101.8	79.2	45.2	18.9
-15°	1070.9	871.0	678.7	516.6	403.5	294.1	165.9	105.6	83.0	49.0	18.9
-17.5°	1063.4	867.3	675.0	512.8	399.7	286.6	169.7	113.1	83.0	52.8	22.6
-20°	1052.0	856.0	667.4	509.1	395.9	279.0	173.5	116.9	86.7	52.8	22.6

REPORT NUMBER: P723709

CATALOG NUMBER: IFLD-M-SA4D-735-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1033.2	837.1	652.3	497.7	388.4	271.5	173.5	124.4	90.5	52.8	22.6
-25°	1010.6	818.3	637.3	482.7	377.1	260.2	173.5	128.2	94.3	52.8	22.6
-27.5°	984.2	799.4	614.6	471.3	362.0	252.6	173.5	132.0	98.0	52.8	22.6
-30°	954.0	773.0	595.8	452.5	350.7	252.6	177.2	135.7	101.8	52.8	22.6
-32.5°	923.8	746.6	573.2	437.4	335.6	248.9	177.2	139.5	105.6	49.0	26.4
-35°	889.9	716.4	554.3	426.1	324.3	241.3	181.0	139.5	101.8	49.0	26.4
-37.5°	848.4	678.7	535.4	414.8	316.7	233.8	181.0	143.3	98.0	49.0	26.4
-40°	803.2	648.6	512.8	399.7	305.4	230.0	181.0	143.3	94.3	49.0	30.2
-42.5°	754.2	614.6	490.2	384.6	294.1	226.2	181.0	143.3	90.5	49.0	30.2
-45°	708.9	580.7	463.8	365.8	282.8	226.2	181.0	139.5	83.0	52.8	30.2
-47.5°	659.9	543.0	433.6	346.9	279.0	222.5	177.2	132.0	75.4	52.8	30.2
-50°	618.4	505.3	411.0	328.1	271.5	226.2	181.0	120.7	75.4	52.8	30.2
-52.5°	576.9	478.9	384.6	320.5	264.0	230.0	177.2	113.1	75.4	52.8	30.2
-55°	543.0	452.5	369.5	309.2	271.5	237.6	169.7	101.8	75.4	52.8	30.2
-57.5°	516.6	437.4	358.2	313.0	282.8	230.0	158.4	98.0	75.4	49.0	30.2
-60°	497.7	422.3	362.0	328.1	286.6	218.7	150.8	98.0	75.4	49.0	26.4
-62.5°	482.7	426.1	380.8	339.4	271.5	203.6	143.3	98.0	67.9	45.2	26.4
-65°	486.4	441.2	388.4	324.3	260.2	188.5	132.0	94.3	64.1	41.5	26.4
-67.5°	497.7	429.9	365.8	305.4	233.8	169.7	120.7	86.7	60.3	41.5	26.4
-70°	460.0	395.9	331.8	260.2	199.8	147.1	113.1	79.2	52.8	37.7	26.4
-72.5°	414.8	331.8	264.0	211.2	169.7	135.7	101.8	71.6	49.0	33.9	22.6
-75°	301.7	241.3	196.1	177.2	150.8	120.7	90.5	64.1	45.2	33.9	22.6
-77.5°	214.9	199.8	181.0	162.1	135.7	105.6	79.2	60.3	41.5	30.2	18.9
-80°	211.2	192.3	169.7	139.5	113.1	90.5	67.9	52.8	37.7	26.4	15.1
-82.5°	177.2	150.8	128.2	105.6	86.7	71.6	56.6	41.5	30.2	18.9	11.3
-85°	109.4	94.3	83.0	71.6	60.3	49.0	37.7	26.4	18.9	11.3	7.5
-87.5°	52.8	49.0	41.5	33.9	30.2	22.6	18.9	15.1	11.3	7.5	3.8
-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-M-SA4D-735-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°	3.8	0.0	0.0	0.0
80°	3.8	0.0	0.0	0.0
77.5°	3.8	0.0	0.0	0.0
75°	3.8	3.8	0.0	0.0
72.5°	3.8	3.8	0.0	0.0
70°	7.5	3.8	3.8	0.0
67.5°	7.5	3.8	3.8	0.0
65°	7.5	3.8	3.8	0.0
62.5°	7.5	3.8	3.8	0.0
60°	7.5	3.8	3.8	0.0
57.5°	7.5	3.8	3.8	0.0
55°	7.5	3.8	3.8	0.0
52.5°	7.5	3.8	3.8	0.0
50°	7.5	3.8	3.8	0.0
47.5°	7.5	7.5	3.8	0.0
45°	7.5	7.5	3.8	0.0
42.5°	7.5	7.5	3.8	0.0
40°	7.5	7.5	3.8	0.0
37.5°	7.5	7.5	3.8	0.0
35°	7.5	7.5	3.8	0.0
32.5°	11.3	7.5	3.8	0.0
30°	11.3	7.5	7.5	0.0
27.5°	11.3	7.5	7.5	0.0
25°	11.3	7.5	7.5	0.0
22.5°	11.3	7.5	7.5	0.0
20°	11.3	7.5	7.5	0.0
17.5°	11.3	7.5	7.5	0.0
15°	11.3	7.5	7.5	0.0
12.5°	11.3	7.5	7.5	0.0
10°	11.3	7.5	7.5	0.0
7.5°	11.3	7.5	7.5	0.0
5°	11.3	7.5	7.5	0.0
2.5°	11.3	7.5	7.5	0.0
0°	11.3	7.5	7.5	0.0
-2.5°	11.3	7.5	7.5	0.0
-5°	11.3	7.5	7.5	0.0
-7.5°	11.3	7.5	7.5	0.0
-10°	11.3	7.5	7.5	0.0
-12.5°	15.1	7.5	7.5	0.0
-15°	15.1	7.5	7.5	0.0
-17.5°	15.1	7.5	7.5	0.0
-20°	15.1	7.5	7.5	0.0

REPORT NUMBER: P723709

CATALOG NUMBER: IFLD-M-SA4D-735-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	15.1	7.5	7.5	0.0
-25°	15.1	7.5	7.5	0.0
-27.5°	15.1	7.5	7.5	0.0
-30°	15.1	7.5	7.5	0.0
-32.5°	15.1	7.5	7.5	0.0
-35°	15.1	7.5	7.5	0.0
-37.5°	15.1	7.5	7.5	0.0
-40°	15.1	7.5	7.5	0.0
-42.5°	11.3	7.5	3.8	0.0
-45°	15.1	7.5	3.8	0.0
-47.5°	15.1	7.5	3.8	0.0
-50°	15.1	7.5	3.8	0.0
-52.5°	15.1	7.5	3.8	0.0
-55°	15.1	7.5	3.8	0.0
-57.5°	15.1	7.5	3.8	0.0
-60°	15.1	7.5	3.8	0.0
-62.5°	15.1	7.5	3.8	0.0
-65°	15.1	7.5	3.8	0.0
-67.5°	15.1	7.5	3.8	0.0
-70°	15.1	3.8	3.8	0.0
-72.5°	11.3	3.8	3.8	0.0
-75°	11.3	3.8	3.8	0.0
-77.5°	7.5	3.8	0.0	0.0
-80°	7.5	3.8	0.0	0.0
-82.5°	7.5	3.8	0.0	0.0
-85°	3.8	0.0	0.0	0.0
-87.5°	3.8	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)