

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: P723767

Luminaire Tested: **IFLD-M-SA4D-750-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723767
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4D-750-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (64) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	16940.6 lumens	Max Intensity:	398553 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	67.8 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:	6143.4 lumens	Field Lumens:	9793.7 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

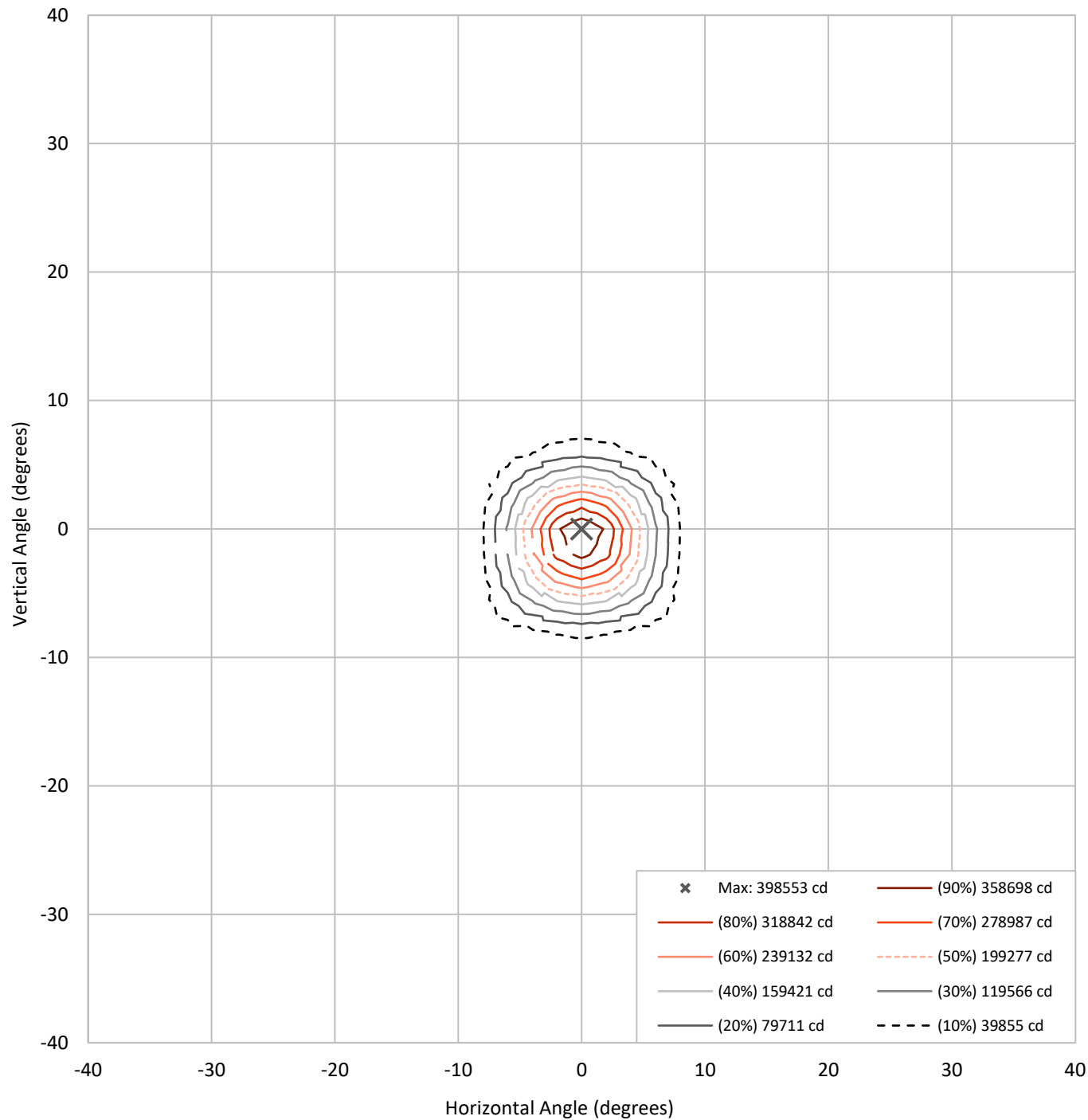
Input Watts (W): 249.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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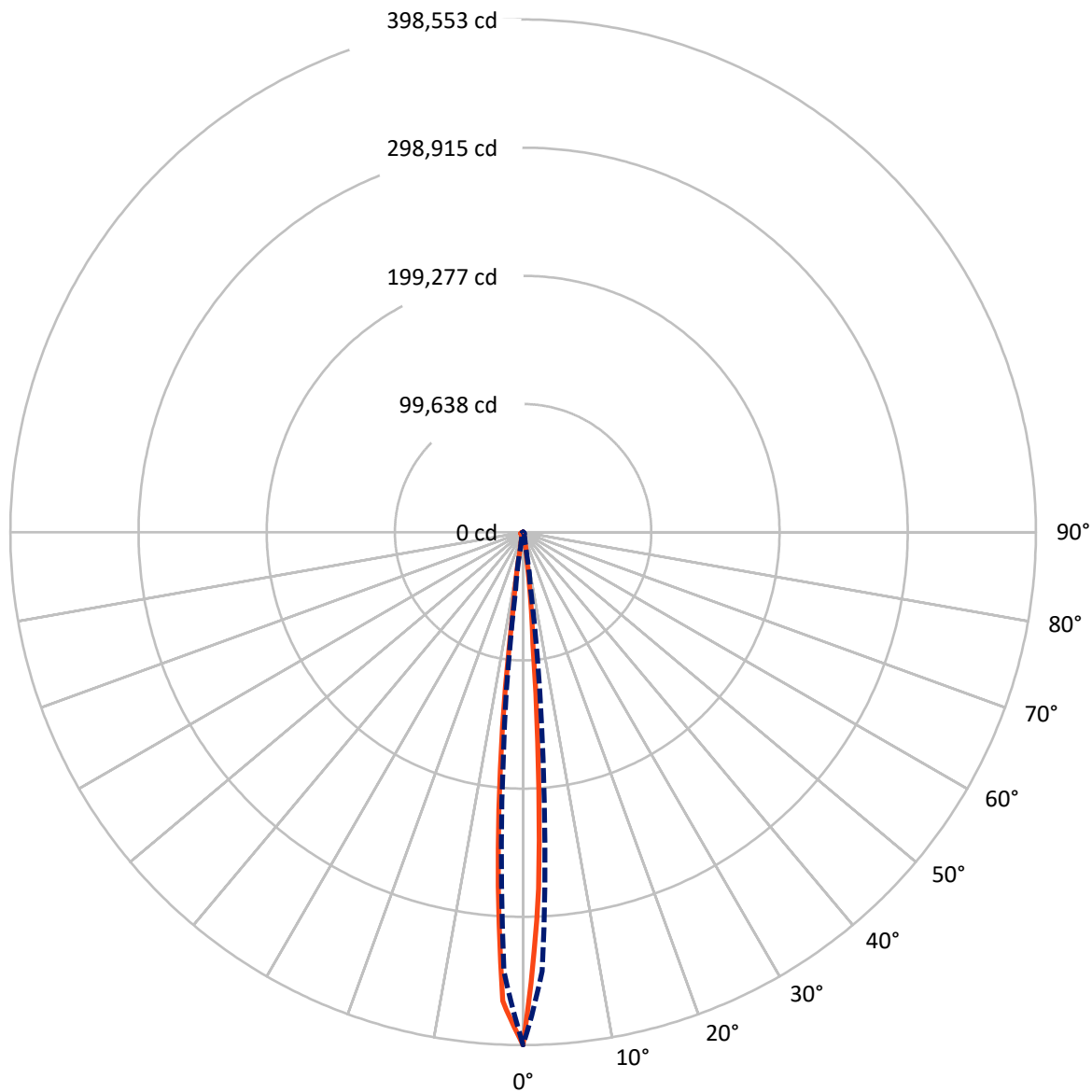
Lumen Table

Vertical Angle (degrees)	Horizontal Angle (degrees)																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	
90																				
80	0.3		3.8		4.1		1.6		0.4		1.6		4.1		3.8		0.3			
70																				
60	0.4		0.8	1.1	0.8	0.7	0.5	0.4	0.2	0.2	0.4	0.5	0.7	0.8	1.1	0.8	0.4			
50			0.5	0.8	2.0	4.4	7.1	9.2	10.5	10.5	9.2	7.1	4.4	2.0	0.8	0.5				
40	0.4		0.6	2.3	7.7	15.2	22.2	26.7	29.6	29.6	26.7	22.2	15.2	7.7	2.3	0.6	0.4			
30			1.1	5.9	15.8	25.8	30.3	32.7	33.8	33.8	32.7	30.3	25.8	15.8	5.9	1.1				
20	0.7		2.2	10.0	23.1	29.8	30.7	36.3	43.7	43.7	36.3	30.7	29.8	23.1	10.0	2.2	0.7			
10			3.4	14.1	28.3	31.8	35.9	63.1	107.5	107.5	63.1	35.9	31.8	28.3	14.1	3.4				
0	1.1		4.5	17.3	31.1	33.0	44.3	120.0	2223.9	2223.9	120.0	44.3	33.0	31.1	17.3	4.5	1.1			
-10			5.2	18.9	32.7	34.2	45.8	129.3	3242.6	3242.6	129.3	45.8	34.2	32.7	18.9	5.2				
-20	1.6		5.6	19.4	34.4	37.0	41.3	75.2	144.2	144.2	75.2	41.3	37.0	34.4	19.4	5.6	1.6			
-30			5.3	18.4	34.9	41.6	41.6	48.7	59.4	59.4	48.7	41.6	41.6	34.9	18.4	5.3				
-40	1.8		4.7	16.3	33.3	45.7	49.8	51.9	52.3	52.3	51.9	49.8	45.7	33.3	16.3	4.7	1.8			
-50			4.1	13.1	28.3	44.1	53.6	60.1	63.0	63.0	60.1	53.6	44.1	28.3	13.1	4.1				
-60	1.4		3.7	10.1	21.9	37.6	50.5	58.7	62.1	62.1	58.7	50.5	37.6	21.9	10.1	3.7	1.4			
-70			3.4	8.9	17.9	31.4	44.2	53.4	57.7	57.7	53.4	44.2	31.4	17.9	8.9	3.4				
-80	0.7		10.5		31.2		57.8		63.8		57.8		31.2		10.5		0.7			
-90																				

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Luminous Intensity Polar Plot



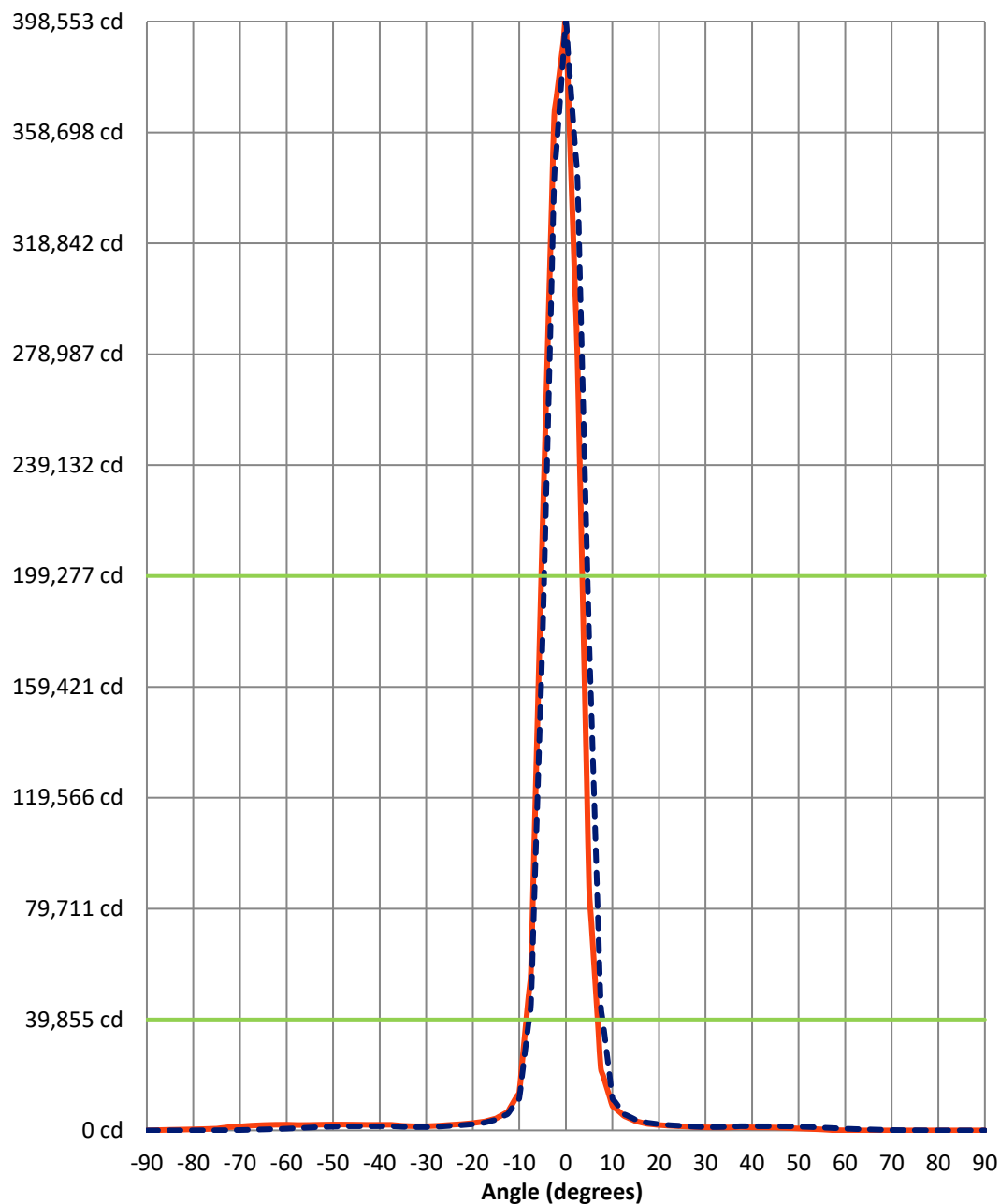
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 6143.4

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 9793.7

Efficiency: 57.8%

Spill:

Lumens: 7146.9

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	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
85°	0.0	3.9	3.9	7.8	7.8	7.8	11.7	15.6	19.6	19.6	23.5
82.5°	0.0	3.9	3.9	7.8	7.8	11.7	11.7	19.6	23.5	27.4	35.2
80°	3.9	3.9	3.9	7.8	7.8	11.7	11.7	15.6	19.6	27.4	31.3
77.5°	0.0	3.9	3.9	3.9	7.8	7.8	7.8	11.7	15.6	19.6	23.5
75°	0.0	3.9	3.9	3.9	7.8	7.8	7.8	7.8	11.7	11.7	15.6
72.5°	0.0	0.0	0.0	3.9	3.9	7.8	7.8	7.8	11.7	11.7	11.7
70°	0.0	0.0	0.0	3.9	3.9	7.8	7.8	7.8	11.7	11.7	11.7
67.5°	0.0	0.0	0.0	3.9	3.9	7.8	7.8	7.8	11.7	11.7	11.7
65°	0.0	0.0	0.0	3.9	3.9	7.8	7.8	11.7	11.7	11.7	11.7
62.5°	3.9	3.9	3.9	7.8	11.7	11.7	15.6	19.6	19.6	19.6	19.6
60°	39.1	43.0	46.9	46.9	43.0	43.0	46.9	46.9	46.9	46.9	46.9
57.5°	105.6	113.4	117.3	117.3	117.3	113.4	129.1	133.0	117.3	109.5	121.2
55°	367.6	379.3	371.5	359.8	336.3	308.9	301.1	297.2	301.1	281.6	250.3
52.5°	535.8	547.5	543.6	535.8	520.1	500.6	484.9	469.3	453.6	422.4	387.2
50°	696.1	700.0	696.1	688.3	672.6	653.1	621.8	586.6	555.3	547.5	516.2
47.5°	876.0	887.7	887.7	883.8	872.1	836.9	790.0	739.1	715.7	707.8	676.5
45°	1036.3	1044.2	1048.1	1052.0	1048.1	1012.9	969.8	942.5	891.6	876.0	876.0
42.5°	1079.3	1083.3	1087.2	1091.1	1102.8	1075.4	1040.2	993.3	981.6	977.7	969.8
40°	1095.0	1087.2	1091.1	1095.0	1098.9	1079.3	1052.0	1024.6	1016.8	1009.0	1009.0
37.5°	1243.6	1208.4	1181.0	1157.6	1138.0	1118.5	1091.1	1067.6	1048.1	1032.4	1048.1
35°	1059.8	1059.8	1087.2	1110.6	1134.1	1157.6	1161.5	1134.1	1091.1	1071.5	1098.9
32.5°	1083.3	1083.3	1083.3	1091.1	1098.9	1118.5	1138.0	1149.7	1181.0	1145.8	1145.8
30°	1106.7	1110.6	1118.5	1122.4	1110.6	1102.8	1095.0	1095.0	1114.5	1165.4	1192.8
27.5°	1243.6	1243.6	1231.9	1216.2	1181.0	1126.3	1098.9	1059.8	1063.7	1087.2	1153.7
25°	1466.5	1458.7	1431.3	1392.2	1329.6	1251.4	1177.1	1095.0	1059.8	1048.1	1075.4
22.5°	1677.7	1665.9	1630.8	1595.6	1544.7	1466.5	1341.4	1216.2	1106.7	1059.8	1048.1
20°	1947.5	1920.1	1881.0	1826.3	1744.2	1665.9	1556.5	1392.2	1231.9	1110.6	1063.7
17.5°	2381.6	2346.4	2272.1	2174.3	2033.6	1912.3	1755.9	1599.5	1419.6	1224.0	1118.5
15°	3331.9	3242.0	3112.9	2843.1	2565.4	2334.7	2100.0	1838.0	1654.2	1396.1	1235.8
12.5°	5240.3	4993.9	4618.5	3988.9	3367.1	2831.3	2452.0	2115.7	1818.5	1579.9	1353.1
10°	8869.4	8341.5	7305.2	5584.5	4438.6	3453.1	2772.7	2322.9	1947.5	1701.1	1450.9
7.5°	22431.7	18298.1	12948.3	8842.0	5807.4	4219.6	3171.6	2518.5	2084.4	1779.4	1529.1
5°	87427.2	72019.1	38418.5	16033.8	8736.5	5103.4	3531.3	2674.9	2174.3	1838.0	1587.7
2.5°	277466.7	239611.3	125712.7	34515.7	10727.0	5748.7	3777.7	2772.7	2225.2	1881.0	1630.8
0°	398553.0	341574.4	176430.3	45395.2	11634.3	5912.9	3855.9	2792.2	2233.0	1888.9	1630.8
-2.5°	364608.3	319103.7	170431.3	42243.2	11888.5	5959.9	3918.5	2858.7	2291.7	1924.1	1642.5
-5°	216647.8	190031.7	118888.6	30120.1	10562.7	5533.6	3754.3	2800.0	2252.6	1904.5	1634.7
-7.5°	57080.3	49415.4	32505.6	15717.0	6835.9	4681.1	3449.2	2702.3	2201.7	1869.3	1603.4
-10°	13761.7	13042.1	11649.9	7140.9	5322.4	3910.7	3058.2	2526.3	2100.0	1822.4	1552.5
-12.5°	6636.4	6480.0	5881.7	4849.2	3949.8	3249.8	2768.8	2342.5	2006.2	1740.3	1482.1
-15°	4317.4	4227.4	4024.1	3629.1	3171.6	2835.2	2498.9	2154.8	1888.9	1619.0	1423.5
-17.5°	3195.0	3191.1	3089.4	2940.8	2714.0	2463.7	2217.4	1998.4	1740.3	1509.5	1360.9
-20°	2647.5	2647.5	2588.9	2491.1	2330.8	2166.5	2002.3	1798.9	1587.7	1415.7	1353.1

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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°	2248.6	2252.6	2221.3	2158.7	2072.7	1935.8	1775.4	1611.2	1458.7	1396.1	1376.6
-25°	1990.5	1982.7	1947.5	1888.9	1798.9	1689.4	1583.8	1474.3	1431.3	1415.7	1443.0
-27.5°	1685.5	1697.2	1681.6	1654.2	1595.6	1517.3	1493.9	1462.6	1470.4	1493.9	1599.5
-30°	1505.6	1517.3	1533.0	1544.7	1525.2	1505.6	1513.4	1536.9	1587.7	1677.7	1716.8
-32.5°	1505.6	1509.5	1533.0	1556.5	1568.2	1583.8	1626.8	1705.1	1779.4	1755.9	1748.1
-35°	1642.5	1630.8	1662.0	1693.3	1736.3	1791.1	1838.0	1822.4	1795.0	1787.2	1795.0
-37.5°	2033.6	1959.3	1928.0	1908.4	1896.7	1888.9	1877.1	1865.4	1853.7	1845.8	1857.6
-40°	2029.6	2010.1	1990.5	1974.9	1963.2	1947.5	1939.7	1935.8	1924.1	1916.2	1908.4
-42.5°	2021.8	2029.6	2029.6	2025.7	2029.6	2025.7	2014.0	1998.4	1978.8	1963.2	1947.5
-45°	2080.5	2084.4	2092.2	2100.0	2111.8	2096.1	2072.7	2045.3	2017.9	1994.4	1974.9
-47.5°	2115.7	2119.6	2127.4	2139.1	2147.0	2131.3	2100.0	2064.8	2021.8	1982.7	1943.6
-50°	2127.4	2139.1	2143.1	2143.1	2139.1	2119.6	2072.7	2021.8	1974.9	1935.8	1900.6
-52.5°	2072.7	2084.4	2088.3	2080.5	2076.6	2057.0	2014.0	1967.1	1916.2	1888.9	1857.6
-55°	1982.7	1998.4	2010.1	2010.1	2010.1	2006.2	1967.1	1924.1	1884.9	1853.7	1822.4
-57.5°	1947.5	1974.9	1998.4	2002.3	2006.2	2010.1	1982.7	1939.7	1892.8	1845.8	1806.7
-60°	2076.6	2100.0	2111.8	2096.1	2084.4	2072.7	2029.6	1978.8	1931.9	1884.9	1810.6
-62.5°	2041.4	2080.5	2100.0	2088.3	2072.7	2053.1	2006.2	1947.5	1892.8	1841.9	1767.6
-65°	1928.0	1963.2	1986.6	1967.1	1943.6	1916.2	1873.2	1818.5	1767.6	1716.8	1650.3
-67.5°	1736.3	1787.2	1826.3	1783.3	1752.0	1716.8	1681.6	1634.7	1583.8	1525.2	1462.6
-70°	1435.2	1474.3	1509.5	1497.8	1490.0	1482.1	1458.7	1411.8	1368.7	1321.8	1267.1
-72.5°	1153.7	1188.8	1220.1	1200.6	1184.9	1161.5	1126.3	1075.4	1024.6	973.8	922.9
-75°	637.4	649.2	660.9	657.0	657.0	657.0	657.0	660.9	653.1	641.4	617.9
-77.5°	488.8	504.5	516.2	524.0	535.8	551.4	563.1	543.6	524.0	504.5	481.0
-80°	383.2	398.9	410.6	453.6	484.9	520.1	543.6	516.2	488.8	465.4	445.8
-82.5°	289.4	301.1	312.9	336.3	352.0	371.5	387.2	387.2	383.2	379.3	367.6
-85°	211.2	226.8	242.5	250.3	262.0	262.0	265.9	250.3	234.6	222.9	207.3
-87.5°	121.2	125.1	125.1	125.1	129.1	129.1	129.1	121.2	117.3	109.5	105.6
-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):

	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°	3.9	3.9	3.9	7.8	7.8	11.7	11.7	15.6	15.6	19.6	19.6
85°	23.5	23.5	23.5	27.4	27.4	31.3	35.2	39.1	43.0	43.0	46.9
82.5°	39.1	43.0	46.9	50.8	54.7	58.7	62.6	66.5	78.2	86.0	89.9
80°	39.1	43.0	54.7	62.6	70.4	78.2	78.2	78.2	78.2	82.1	89.9
77.5°	27.4	31.3	35.2	43.0	62.6	78.2	89.9	97.8	89.9	86.0	78.2
75°	15.6	19.6	23.5	27.4	39.1	54.7	74.3	93.9	109.5	105.6	97.8
72.5°	15.6	15.6	19.6	23.5	27.4	31.3	35.2	54.7	78.2	97.8	109.5
70°	15.6	19.6	19.6	23.5	27.4	31.3	35.2	43.0	54.7	78.2	101.7
67.5°	15.6	19.6	19.6	27.4	35.2	39.1	43.0	39.1	35.2	50.8	74.3
65°	15.6	15.6	19.6	23.5	27.4	31.3	43.0	43.0	39.1	39.1	39.1
62.5°	23.5	23.5	23.5	23.5	27.4	27.4	27.4	35.2	35.2	35.2	35.2
60°	46.9	43.0	43.0	43.0	43.0	35.2	35.2	35.2	31.3	35.2	31.3
57.5°	113.4	93.9	86.0	86.0	74.3	70.4	58.7	43.0	43.0	35.2	35.2
55°	230.7	219.0	183.8	152.5	136.9	121.2	93.9	78.2	58.7	46.9	43.0
52.5°	355.9	324.6	293.3	254.2	215.1	183.8	156.4	121.2	97.8	70.4	54.7
50°	465.4	438.0	402.8	359.8	308.9	269.8	230.7	183.8	144.7	109.5	78.2
47.5°	633.5	578.8	535.8	484.9	426.3	371.5	320.7	265.9	203.4	160.3	121.2
45°	813.4	735.2	676.5	629.6	551.4	477.1	418.4	359.8	285.5	211.2	164.2
42.5°	938.6	879.9	801.7	739.1	668.7	590.5	512.3	449.7	371.5	285.5	211.2
40°	1005.0	965.9	903.4	848.6	774.3	688.3	606.2	543.6	461.5	367.6	265.9
37.5°	1055.9	1036.3	1005.0	962.0	891.6	790.0	707.8	633.5	563.1	453.6	344.1
35°	1114.5	1110.6	1091.1	1071.5	1012.9	915.1	817.3	731.3	645.3	543.6	422.4
32.5°	1169.3	1165.4	1153.7	1145.8	1122.4	1036.3	930.7	833.0	735.2	629.6	496.7
30°	1196.7	1188.8	1188.8	1196.7	1173.2	1118.5	1040.2	934.7	825.2	700.0	574.9
27.5°	1196.7	1188.8	1192.8	1204.5	1200.6	1173.2	1114.5	1028.5	907.3	766.5	645.3
25°	1145.8	1184.9	1184.9	1200.6	1204.5	1196.7	1165.4	1110.6	985.5	836.9	700.0
22.5°	1075.4	1169.3	1204.5	1200.6	1204.5	1224.0	1228.0	1177.1	1059.8	907.3	754.8
20°	1075.4	1141.9	1243.6	1216.2	1224.0	1267.1	1286.6	1243.6	1138.0	973.8	809.5
17.5°	1098.9	1141.9	1228.0	1271.0	1282.7	1317.9	1349.2	1321.8	1208.4	1044.2	883.8
15°	1165.4	1157.6	1216.2	1321.8	1341.4	1368.7	1403.9	1372.6	1271.0	1122.4	954.2
12.5°	1212.3	1169.3	1216.2	1329.6	1392.2	1419.6	1431.3	1407.8	1325.7	1192.8	1024.6
10°	1274.9	1200.6	1224.0	1321.8	1411.8	1431.3	1443.0	1435.2	1376.6	1251.4	1087.2
7.5°	1321.8	1216.2	1216.2	1310.1	1431.3	1447.0	1454.8	1462.6	1419.6	1302.3	1141.9
5°	1341.4	1216.2	1208.4	1298.3	1450.9	1466.5	1466.5	1478.2	1450.9	1341.4	1181.0
2.5°	1345.3	1212.3	1200.6	1290.5	1486.1	1486.1	1478.2	1490.0	1474.3	1364.8	1208.4
0°	1364.8	1208.4	1196.7	1302.3	1525.2	1509.5	1490.0	1493.9	1486.1	1376.6	1224.0
-2.5°	1364.8	1228.0	1212.3	1310.1	1521.3	1517.3	1509.5	1513.4	1505.6	1411.8	1255.3
-5°	1384.4	1255.3	1239.7	1345.3	1517.3	1529.1	1533.0	1533.0	1521.3	1435.2	1274.9
-7.5°	1388.3	1274.9	1271.0	1380.5	1525.2	1544.7	1556.5	1564.3	1540.8	1450.9	1290.5
-10°	1368.7	1282.7	1302.3	1423.5	1533.0	1560.4	1583.8	1595.6	1556.5	1458.7	1298.3
-12.5°	1325.7	1282.7	1333.5	1478.2	1552.5	1583.8	1619.0	1622.9	1572.1	1462.6	1302.3
-15°	1321.8	1314.0	1388.3	1533.0	1564.3	1603.4	1658.1	1646.4	1583.8	1462.6	1302.3
-17.5°	1317.9	1357.0	1470.4	1552.5	1583.8	1626.8	1669.9	1658.1	1591.6	1462.6	1294.4
-20°	1353.1	1427.4	1568.2	1572.1	1607.3	1654.2	1677.7	1654.2	1579.9	1450.9	1282.7

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CATALOG NUMBER: IFLD-M-SA4D-750-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°	1411.8	1552.5	1599.5	1615.1	1646.4	1681.6	1693.3	1658.1	1568.2	1431.3	1263.1
-25°	1560.4	1630.8	1630.8	1665.9	1697.2	1712.9	1701.1	1662.0	1552.5	1411.8	1243.6
-27.5°	1673.8	1669.9	1689.4	1724.6	1752.0	1752.0	1720.7	1642.5	1529.1	1392.2	1216.2
-30°	1716.8	1720.7	1748.1	1787.2	1795.0	1775.4	1728.5	1626.8	1509.5	1360.9	1181.0
-32.5°	1759.8	1775.4	1810.6	1830.2	1834.1	1795.0	1709.0	1599.5	1478.2	1325.7	1141.9
-35°	1810.6	1841.9	1861.5	1865.4	1845.8	1779.4	1681.6	1564.3	1431.3	1274.9	1106.7
-37.5°	1877.1	1892.8	1904.5	1888.9	1834.1	1755.9	1634.7	1517.3	1388.3	1220.1	1055.9
-40°	1920.1	1928.0	1931.9	1881.0	1814.6	1701.1	1583.8	1462.6	1314.0	1157.6	1001.1
-42.5°	1947.5	1939.7	1908.4	1853.7	1755.9	1646.4	1533.0	1396.1	1247.5	1095.0	942.5
-45°	1939.7	1912.3	1865.4	1798.9	1697.2	1587.7	1454.8	1317.9	1177.1	1028.5	876.0
-47.5°	1908.4	1865.4	1806.7	1728.5	1634.7	1501.7	1368.7	1235.8	1098.9	954.2	813.4
-50°	1869.3	1818.5	1748.1	1650.3	1525.2	1403.9	1282.7	1153.7	1012.9	879.9	754.8
-52.5°	1826.3	1771.5	1681.6	1572.1	1435.2	1310.1	1192.8	1067.6	938.6	813.4	703.9
-55°	1779.4	1724.6	1622.9	1497.8	1360.9	1224.0	1110.6	1005.0	879.9	758.7	660.9
-57.5°	1755.9	1685.5	1579.9	1454.8	1310.1	1169.3	1071.5	958.1	844.7	719.6	625.7
-60°	1736.3	1665.9	1568.2	1423.5	1286.6	1153.7	1040.2	930.7	809.5	692.2	598.3
-62.5°	1681.6	1607.3	1517.3	1376.6	1243.6	1122.4	1020.7	891.6	774.3	664.8	578.8
-65°	1572.1	1493.9	1415.7	1290.5	1169.3	1055.9	954.2	836.9	727.4	633.5	559.2
-67.5°	1400.0	1333.5	1263.1	1157.6	1055.9	954.2	860.3	758.7	668.7	602.2	563.1
-70°	1208.4	1138.0	1067.6	981.6	895.5	813.4	739.1	664.8	606.2	571.0	539.7
-72.5°	879.9	848.6	813.4	746.9	676.5	625.7	590.5	559.2	516.2	484.9	465.4
-75°	586.6	543.6	488.8	465.4	469.3	461.5	441.9	418.4	398.9	387.2	359.8
-77.5°	457.5	434.1	406.7	379.3	367.6	355.9	340.2	320.7	305.0	277.7	238.6
-80°	422.4	402.8	383.2	363.7	344.1	316.8	285.5	254.2	238.6	226.8	222.9
-82.5°	348.1	324.6	301.1	281.6	254.2	234.6	215.1	199.4	199.4	195.5	191.6
-85°	199.4	191.6	179.9	172.1	164.2	152.5	140.8	133.0	129.1	125.1	121.2
-87.5°	101.7	97.8	89.9	86.0	82.1	78.2	70.4	66.5	62.6	62.6	58.7
-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-M-SA4D-750-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°	19.6	19.6	15.6	15.6	15.6	11.7	7.8	7.8	3.9	3.9	0.0
85°	46.9	39.1	35.2	31.3	31.3	23.5	15.6	11.7	7.8	3.9	3.9
82.5°	89.9	78.2	66.5	58.7	46.9	35.2	27.4	19.6	11.7	7.8	3.9
80°	101.7	101.7	97.8	82.1	66.5	50.8	35.2	23.5	15.6	11.7	7.8
77.5°	78.2	86.0	86.0	86.0	82.1	62.6	43.0	27.4	15.6	11.7	7.8
75°	89.9	78.2	74.3	78.2	74.3	62.6	50.8	31.3	19.6	15.6	7.8
72.5°	109.5	93.9	82.1	78.2	70.4	58.7	46.9	35.2	19.6	15.6	11.7
70°	101.7	97.8	89.9	82.1	70.4	58.7	46.9	35.2	23.5	15.6	11.7
67.5°	89.9	89.9	89.9	82.1	70.4	54.7	43.0	31.3	23.5	15.6	11.7
65°	62.6	74.3	82.1	78.2	70.4	54.7	43.0	31.3	23.5	19.6	11.7
62.5°	39.1	50.8	66.5	74.3	66.5	54.7	39.1	31.3	23.5	19.6	11.7
60°	35.2	39.1	46.9	58.7	62.6	50.8	39.1	27.4	23.5	19.6	11.7
57.5°	35.2	35.2	39.1	46.9	50.8	46.9	35.2	23.5	23.5	19.6	15.6
55°	39.1	35.2	35.2	39.1	43.0	43.0	35.2	23.5	23.5	19.6	15.6
52.5°	46.9	39.1	35.2	35.2	35.2	39.1	31.3	23.5	23.5	19.6	15.6
50°	58.7	46.9	43.0	35.2	35.2	35.2	31.3	23.5	19.6	19.6	15.6
47.5°	78.2	62.6	46.9	43.0	35.2	31.3	27.4	23.5	19.6	19.6	15.6
45°	117.3	74.3	62.6	46.9	39.1	35.2	31.3	23.5	19.6	19.6	15.6
42.5°	160.3	109.5	78.2	54.7	43.0	35.2	31.3	27.4	19.6	19.6	15.6
40°	203.4	148.6	97.8	70.4	50.8	39.1	31.3	27.4	23.5	19.6	15.6
37.5°	250.3	183.8	129.1	89.9	58.7	43.0	35.2	27.4	23.5	19.6	15.6
35°	308.9	230.7	160.3	109.5	70.4	50.8	39.1	27.4	23.5	19.6	15.6
32.5°	375.4	273.7	191.6	133.0	89.9	62.6	43.0	31.3	23.5	19.6	15.6
30°	438.0	324.6	226.8	160.3	109.5	70.4	46.9	31.3	23.5	19.6	11.7
27.5°	500.6	375.4	269.8	187.7	133.0	82.1	50.8	35.2	23.5	19.6	15.6
25°	563.1	426.3	312.9	215.1	152.5	97.8	62.6	39.1	23.5	19.6	15.6
22.5°	617.9	477.1	352.0	246.4	176.0	113.4	70.4	43.0	27.4	19.6	15.6
20°	680.5	531.9	395.0	281.6	195.5	129.1	78.2	46.9	27.4	19.6	15.6
17.5°	739.1	586.6	438.0	312.9	219.0	144.7	89.9	50.8	31.3	19.6	15.6
15°	797.8	637.4	477.1	344.1	242.5	160.3	97.8	54.7	35.2	19.6	15.6
12.5°	852.5	684.4	512.3	371.5	262.0	176.0	105.6	58.7	39.1	19.6	15.6
10°	903.4	727.4	547.5	395.0	281.6	187.7	113.4	66.5	43.0	19.6	15.6
7.5°	954.2	762.6	574.9	418.4	305.0	203.4	121.2	70.4	46.9	23.5	15.6
5°	985.5	793.9	598.3	438.0	324.6	219.0	129.1	74.3	50.8	23.5	15.6
2.5°	1012.9	817.3	614.0	457.5	344.1	230.7	129.1	78.2	54.7	23.5	15.6
0°	1028.5	833.0	625.7	469.3	359.8	238.6	133.0	82.1	58.7	23.5	15.6
-2.5°	1063.7	860.3	653.1	484.9	375.4	262.0	140.8	86.0	62.6	27.4	15.6
-5°	1087.2	876.0	672.6	500.6	387.2	285.5	152.5	93.9	70.4	35.2	19.6
-7.5°	1106.7	891.6	688.3	508.4	398.9	293.3	156.4	97.8	74.3	39.1	19.6
-10°	1110.6	899.5	700.0	520.1	406.7	305.0	160.3	101.7	78.2	43.0	19.6
-12.5°	1114.5	907.3	703.9	527.9	414.5	312.9	164.2	105.6	82.1	46.9	19.6
-15°	1110.6	903.4	703.9	535.8	418.4	305.0	172.1	109.5	86.0	50.8	19.6
-17.5°	1102.8	899.5	700.0	531.9	414.5	297.2	176.0	117.3	86.0	54.7	23.5
-20°	1091.1	887.7	692.2	527.9	410.6	289.4	179.9	121.2	89.9	54.7	23.5

REPORT NUMBER: P723767

CATALOG NUMBER: IFLD-M-SA4D-750-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1071.5	868.2	676.5	516.2	402.8	281.6	179.9	129.1	93.9	54.7	23.5
-25°	1048.1	848.6	660.9	500.6	391.1	269.8	179.9	133.0	97.8	54.7	23.5
-27.5°	1020.7	829.1	637.4	488.8	375.4	262.0	179.9	136.9	101.7	54.7	23.5
-30°	989.4	801.7	617.9	469.3	363.7	262.0	183.8	140.8	105.6	54.7	23.5
-32.5°	958.1	774.3	594.4	453.6	348.1	258.1	183.8	144.7	109.5	50.8	27.4
-35°	922.9	743.0	574.9	441.9	336.3	250.3	187.7	144.7	105.6	50.8	27.4
-37.5°	879.9	703.9	555.3	430.2	328.5	242.5	187.7	148.6	101.7	50.8	27.4
-40°	833.0	672.6	531.9	414.5	316.8	238.6	187.7	148.6	97.8	50.8	31.3
-42.5°	782.1	637.4	508.4	398.9	305.0	234.6	187.7	148.6	93.9	50.8	31.3
-45°	735.2	602.2	481.0	379.3	293.3	234.6	187.7	144.7	86.0	54.7	31.3
-47.5°	684.4	563.1	449.7	359.8	289.4	230.7	183.8	136.9	78.2	54.7	31.3
-50°	641.4	524.0	426.3	340.2	281.6	234.6	187.7	125.1	78.2	54.7	31.3
-52.5°	598.3	496.7	398.9	332.4	273.7	238.6	183.8	117.3	78.2	54.7	31.3
-55°	563.1	469.3	383.2	320.7	281.6	246.4	176.0	105.6	78.2	54.7	31.3
-57.5°	535.8	453.6	371.5	324.6	293.3	238.6	164.2	101.7	78.2	50.8	31.3
-60°	516.2	438.0	375.4	340.2	297.2	226.8	156.4	101.7	78.2	50.8	27.4
-62.5°	500.6	441.9	395.0	352.0	281.6	211.2	148.6	101.7	70.4	46.9	27.4
-65°	504.5	457.5	402.8	336.3	269.8	195.5	136.9	97.8	66.5	43.0	27.4
-67.5°	516.2	445.8	379.3	316.8	242.5	176.0	125.1	89.9	62.6	43.0	27.4
-70°	477.1	410.6	344.1	269.8	207.3	152.5	117.3	82.1	54.7	39.1	27.4
-72.5°	430.2	344.1	273.7	219.0	176.0	140.8	105.6	74.3	50.8	35.2	23.5
-75°	312.9	250.3	203.4	183.8	156.4	125.1	93.9	66.5	46.9	35.2	23.5
-77.5°	222.9	207.3	187.7	168.2	140.8	109.5	82.1	62.6	43.0	31.3	19.6
-80°	219.0	199.4	176.0	144.7	117.3	93.9	70.4	54.7	39.1	27.4	15.6
-82.5°	183.8	156.4	133.0	109.5	89.9	74.3	58.7	43.0	31.3	19.6	11.7
-85°	113.4	97.8	86.0	74.3	62.6	50.8	39.1	27.4	19.6	11.7	7.8
-87.5°	54.7	50.8	43.0	35.2	31.3	23.5	19.6	15.6	11.7	7.8	3.9
-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-750-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°	3.9	0.0	0.0	0.0
80°	3.9	0.0	0.0	0.0
77.5°	3.9	0.0	0.0	0.0
75°	3.9	3.9	0.0	0.0
72.5°	3.9	3.9	0.0	0.0
70°	7.8	3.9	3.9	0.0
67.5°	7.8	3.9	3.9	0.0
65°	7.8	3.9	3.9	0.0
62.5°	7.8	3.9	3.9	0.0
60°	7.8	3.9	3.9	0.0
57.5°	7.8	3.9	3.9	0.0
55°	7.8	3.9	3.9	0.0
52.5°	7.8	3.9	3.9	0.0
50°	7.8	3.9	3.9	0.0
47.5°	7.8	7.8	3.9	0.0
45°	7.8	7.8	3.9	0.0
42.5°	7.8	7.8	3.9	0.0
40°	7.8	7.8	3.9	0.0
37.5°	7.8	7.8	3.9	0.0
35°	7.8	7.8	3.9	0.0
32.5°	11.7	7.8	3.9	0.0
30°	11.7	7.8	7.8	0.0
27.5°	11.7	7.8	7.8	0.0
25°	11.7	7.8	7.8	0.0
22.5°	11.7	7.8	7.8	0.0
20°	11.7	7.8	7.8	0.0
17.5°	11.7	7.8	7.8	0.0
15°	11.7	7.8	7.8	0.0
12.5°	11.7	7.8	7.8	0.0
10°	11.7	7.8	7.8	0.0
7.5°	11.7	7.8	7.8	0.0
5°	11.7	7.8	7.8	0.0
2.5°	11.7	7.8	7.8	0.0
0°	11.7	7.8	7.8	0.0
-2.5°	11.7	7.8	7.8	0.0
-5°	11.7	7.8	7.8	0.0
-7.5°	11.7	7.8	7.8	0.0
-10°	11.7	7.8	7.8	0.0
-12.5°	15.6	7.8	7.8	0.0
-15°	15.6	7.8	7.8	0.0
-17.5°	15.6	7.8	7.8	0.0
-20°	15.6	7.8	7.8	0.0

REPORT NUMBER: P723767

CATALOG NUMBER: IFLD-M-SA4D-750-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	15.6	7.8	7.8	0.0
-25°	15.6	7.8	7.8	0.0
-27.5°	15.6	7.8	7.8	0.0
-30°	15.6	7.8	7.8	0.0
-32.5°	15.6	7.8	7.8	0.0
-35°	15.6	7.8	7.8	0.0
-37.5°	15.6	7.8	7.8	0.0
-40°	15.6	7.8	7.8	0.0
-42.5°	11.7	7.8	3.9	0.0
-45°	15.6	7.8	3.9	0.0
-47.5°	15.6	7.8	3.9	0.0
-50°	15.6	7.8	3.9	0.0
-52.5°	15.6	7.8	3.9	0.0
-55°	15.6	7.8	3.9	0.0
-57.5°	15.6	7.8	3.9	0.0
-60°	15.6	7.8	3.9	0.0
-62.5°	15.6	7.8	3.9	0.0
-65°	15.6	7.8	3.9	0.0
-67.5°	15.6	7.8	3.9	0.0
-70°	15.6	3.9	3.9	0.0
-72.5°	11.7	3.9	3.9	0.0
-75°	11.7	3.9	3.9	0.0
-77.5°	7.8	3.9	0.0	0.0
-80°	7.8	3.9	0.0	0.0
-82.5°	7.8	3.9	0.0	0.0
-85°	3.9	0.0	0.0	0.0
-87.5°	3.9	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)