

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: P723769

Luminaire Tested: **IFLD-L-SA7A-750-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723769
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7A-750-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (112) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	16949.6 lumens	Max Intensity:	398764.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	77.9 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:	6146.6 lumens	Field Lumens:	9798.9 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

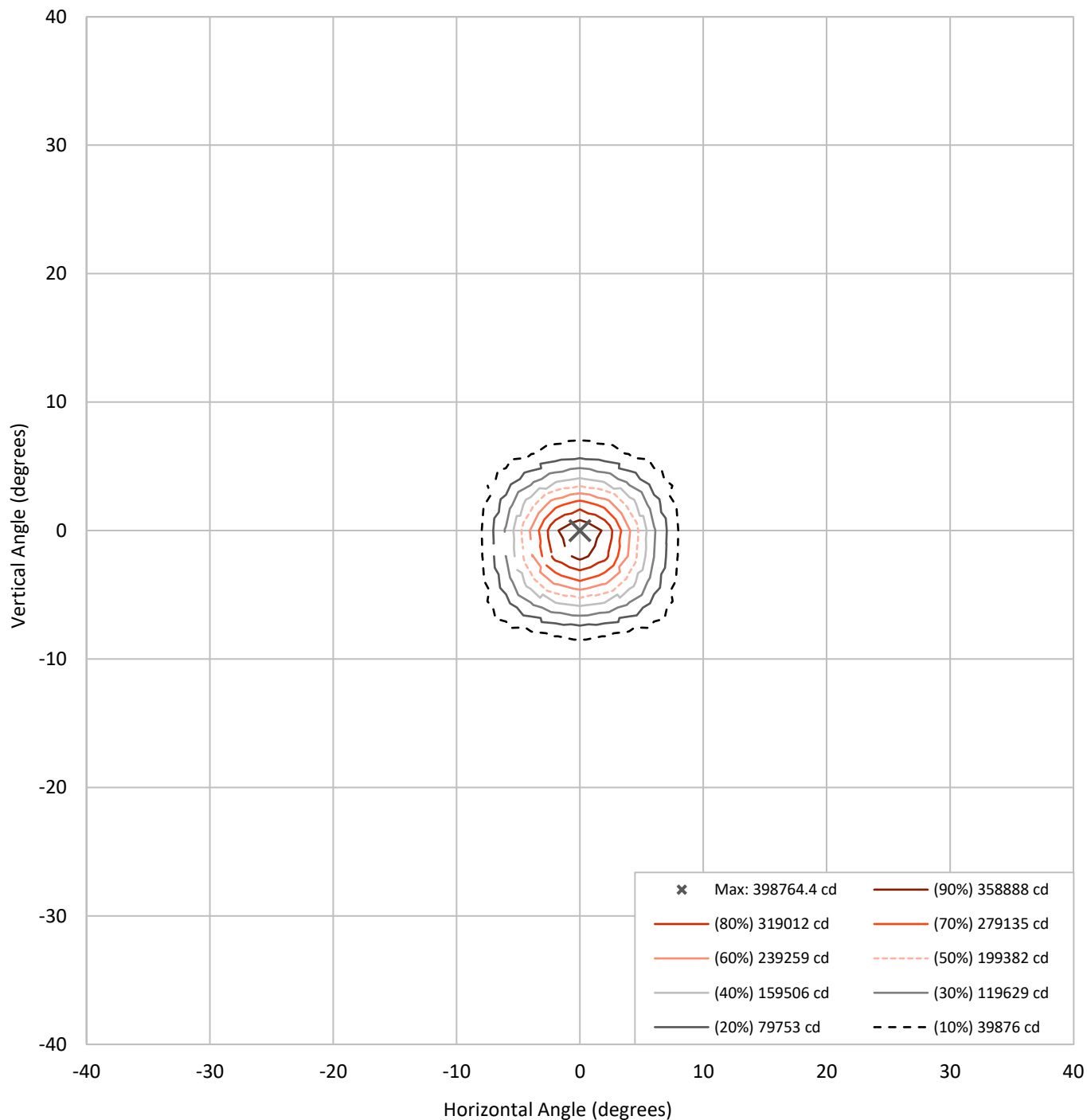
Input Watts (W): 217.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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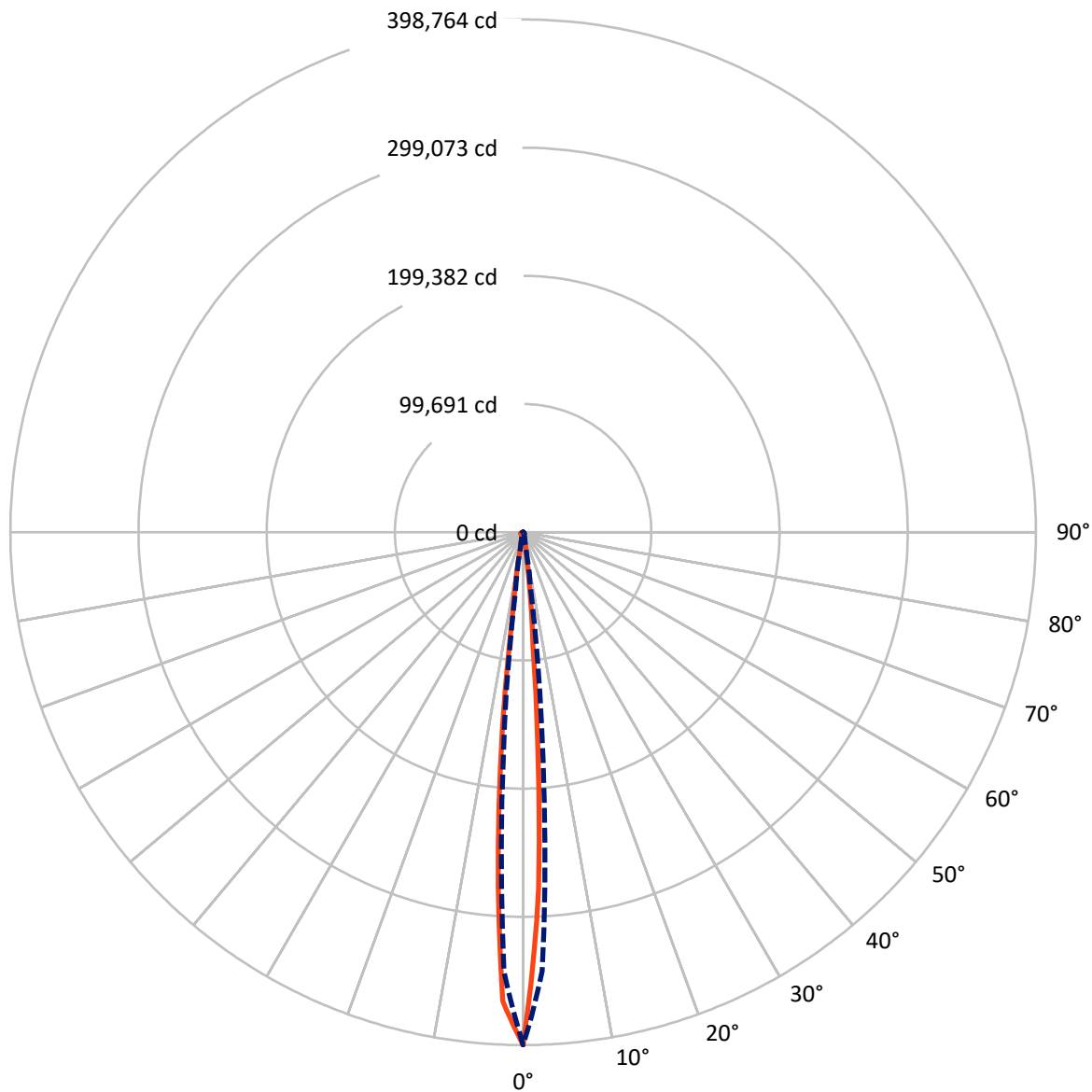
Lumen Table

90																			
80	0.3		3.8		4.1		1.6		0.4		1.6		4.1		3.8		0.3		
70	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		
60			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			
50	0.4		0.6	2.3	7.7	15.2	22.2	26.8	29.6	29.6	26.8	22.2	15.2	7.7	2.3	0.6	0.4		
40			1.1	5.9	15.9	25.8	30.3	32.7	33.8	33.8	32.7	30.3	25.8	15.9	5.9	1.1			
30	0.7		2.2	10.0	23.1	29.9	30.8	36.3	43.7	43.7	36.3	30.8	29.9	23.1	10.0	2.2	0.7		
20			3.4	14.1	28.3	31.8	35.9	63.1	107.6	107.6	63.1	35.9	31.8	28.3	14.1	3.4			
10	1.1		4.5	17.3	31.1	33.0	44.3	120.1	2225.1	2225.1	120.1	44.3	33.0	31.1	17.3	4.5	1.1		
0			5.2	18.9	32.7	34.2	45.8	129.3	3244.3	3244.3	129.3	45.8	34.2	32.7	18.9	5.2			
-10	1.6		5.6	19.4	34.4	37.1	41.4	75.2	144.3	144.3	75.2	41.4	37.1	34.4	19.4	5.6	1.6		
-20			5.3	18.4	34.9	41.6	41.7	48.7	59.4	59.4	48.7	41.7	41.6	34.9	18.4	5.3			
-30	1.8		4.7	16.3	33.4	45.8	49.9	51.9	52.3	52.3	51.9	49.9	45.8	33.4	16.3	4.7	1.8		
-40			4.1	13.1	28.3	44.1	53.7	60.1	63.0	63.0	60.1	53.7	44.1	28.3	13.1	4.1			
-50	1.4		3.7	10.1	22.0	37.6	50.5	58.7	62.1	62.1	58.7	50.5	37.6	22.0	10.1	3.7	1.4		
-60			3.4	8.9	17.9	31.4	44.2	53.5	57.8	57.8	53.5	44.2	31.4	17.9	8.9	3.4			
-70																			
-80			10.5		31.2		57.8		63.9		57.8		31.2		10.5				
-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



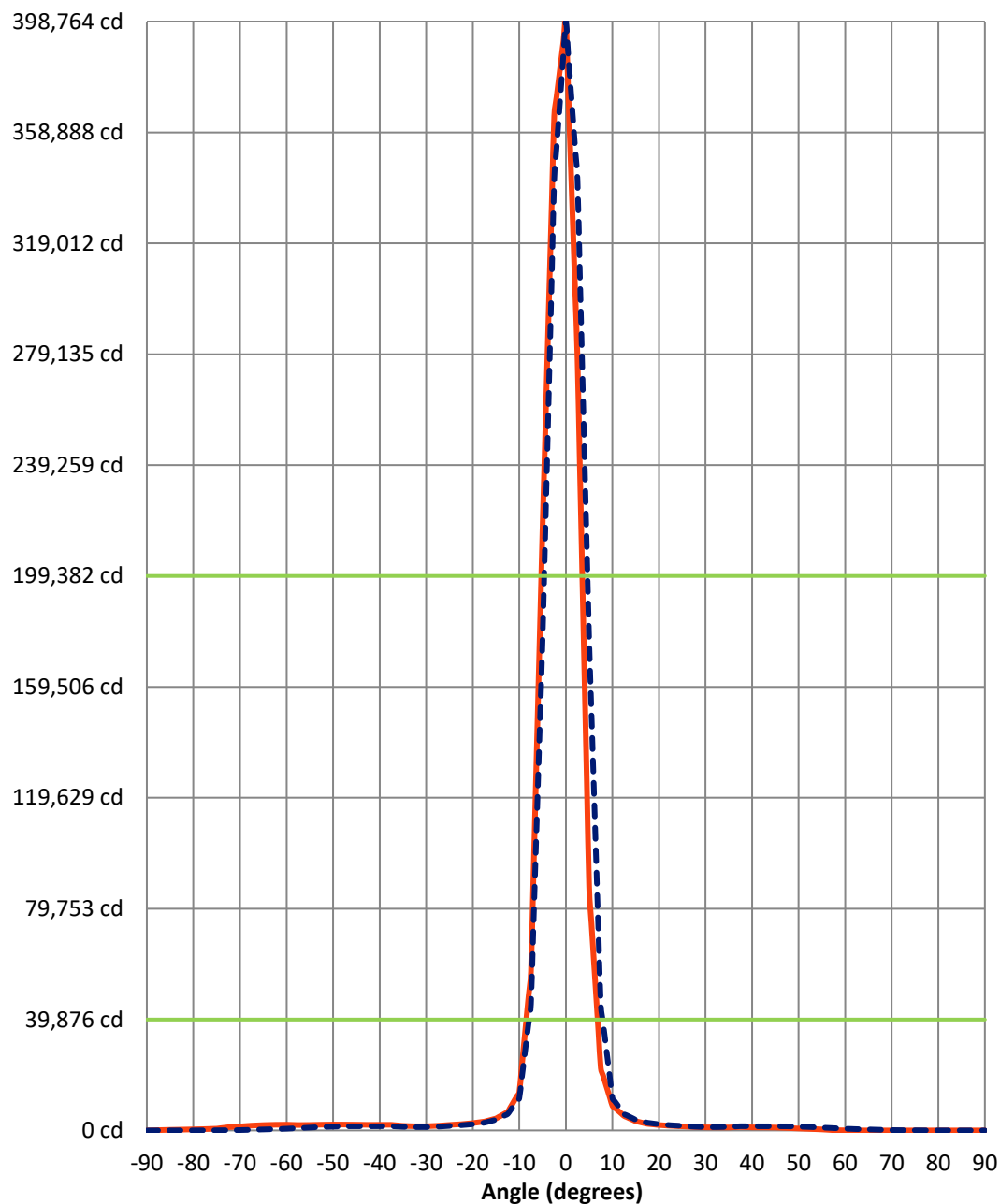
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 6146.6

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 9798.9

Efficiency: 57.8%

Spill:

Lumens: 7150.7

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	15.7	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	15.7	19.6	27.4	31.3
77.5°	0.0	3.9	3.9	3.9	7.8	7.8	7.8	11.7	15.7	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	15.7
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	15.7	19.6	19.6	19.6	19.6
60°	39.1	43.0	47.0	47.0	43.0	43.0	47.0	47.0	47.0	47.0	47.0
57.5°	105.6	113.5	117.4	117.4	117.4	113.5	129.1	133.0	117.4	109.6	121.3
55°	367.8	379.5	371.7	360.0	336.5	309.1	301.3	297.4	301.3	281.7	250.4
52.5°	536.0	547.8	543.9	536.0	520.4	500.8	485.2	469.5	453.9	422.6	387.4
50°	696.5	700.4	696.5	688.6	673.0	653.4	622.1	586.9	555.6	547.8	516.5
47.5°	876.5	888.2	888.2	884.3	872.5	837.3	790.4	739.5	716.0	708.2	676.9
45°	1036.9	1044.7	1048.6	1052.5	1048.6	1013.4	970.4	943.0	892.1	876.5	876.5
42.5°	1079.9	1083.8	1087.7	1091.7	1103.4	1076.0	1040.8	993.8	982.1	978.2	970.4
40°	1095.6	1087.7	1091.7	1095.6	1099.5	1079.9	1052.5	1025.1	1017.3	1009.5	1009.5
37.5°	1244.3	1209.0	1181.7	1158.2	1138.6	1119.0	1091.7	1068.2	1048.6	1033.0	1048.6
35°	1060.4	1060.4	1087.7	1111.2	1134.7	1158.2	1162.1	1134.7	1091.7	1072.1	1099.5
32.5°	1083.8	1083.8	1083.8	1091.7	1099.5	1119.0	1138.6	1150.3	1181.7	1146.4	1146.4
30°	1107.3	1111.2	1119.0	1123.0	1111.2	1103.4	1095.6	1095.6	1115.1	1166.0	1193.4
27.5°	1244.3	1244.3	1232.5	1216.9	1181.7	1126.9	1099.5	1060.4	1064.3	1087.7	1154.3
25°	1467.3	1459.5	1432.1	1392.9	1330.3	1252.1	1177.7	1095.6	1060.4	1048.6	1076.0
22.5°	1678.6	1666.8	1631.6	1596.4	1545.5	1467.3	1342.1	1216.9	1107.3	1060.4	1048.6
20°	1948.6	1921.2	1882.0	1827.3	1745.1	1666.8	1557.3	1392.9	1232.5	1111.2	1064.3
17.5°	2382.9	2347.7	2273.3	2175.5	2034.6	1913.3	1756.8	1600.3	1420.3	1224.7	1119.0
15°	3333.7	3243.7	3114.6	2844.6	2566.8	2335.9	2101.1	1839.0	1655.1	1396.9	1236.4
12.5°	5243.1	4996.6	4621.0	3991.0	3368.9	2832.8	2453.3	2116.8	1819.4	1580.8	1353.8
10°	8874.1	8345.9	7309.0	5587.4	4441.0	3455.0	2774.1	2324.2	1948.6	1702.0	1451.6
7.5°	22443.6	18307.8	12955.1	8846.7	5810.4	4221.9	3173.2	2519.8	2085.5	1780.3	1529.9
5°	87473.5	72057.3	38438.9	16042.3	8741.1	5106.1	3533.2	2676.3	2175.5	1839.0	1588.6
2.5°	277613.8	239738.4	125779.4	34534.0	10732.7	5751.7	3779.7	2774.1	2226.4	1882.0	1631.6
0°	398764.4	341755.6	176523.9	45419.3	11640.4	5916.1	3858.0	2793.7	2234.2	1889.9	1631.6
-2.5°	364801.7	319272.9	170521.7	42265.6	11894.8	5963.0	3920.6	2860.2	2292.9	1925.1	1643.4
-5°	216762.7	190132.5	118951.6	30136.0	10568.3	5536.5	3756.2	2801.5	2253.7	1905.5	1635.5
-7.5°	57110.6	49441.6	32522.8	15725.4	6839.5	4683.6	3451.0	2703.7	2202.9	1870.3	1604.2
-10°	13769.0	13049.0	11656.1	7144.7	5325.3	3912.8	3059.8	2527.6	2101.1	1823.3	1553.4
-12.5°	6639.9	6483.4	5884.8	4851.8	3951.9	3251.5	2770.2	2343.7	2007.2	1741.2	1482.9
-15°	4319.7	4229.7	4026.2	3631.0	3173.2	2836.7	2500.3	2155.9	1889.9	1619.9	1424.2
-17.5°	3196.7	3192.8	3091.1	2942.4	2715.5	2465.0	2218.5	1999.4	1741.2	1510.3	1361.6
-20°	2648.9	2648.9	2590.2	2492.4	2332.0	2167.7	2003.3	1799.9	1588.6	1416.4	1353.8

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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°	2249.8	2253.7	2222.4	2159.8	2073.8	1936.8	1776.4	1612.1	1459.5	1396.9	1377.3
-25°	1991.6	1983.8	1948.6	1889.9	1799.9	1690.3	1584.7	1475.1	1432.1	1416.4	1443.8
-27.5°	1686.4	1698.1	1682.5	1655.1	1596.4	1518.1	1494.7	1463.4	1471.2	1494.7	1600.3
-30°	1506.4	1518.1	1533.8	1545.5	1526.0	1506.4	1514.2	1537.7	1588.6	1678.6	1717.7
-32.5°	1506.4	1510.3	1533.8	1557.3	1569.0	1584.7	1627.7	1706.0	1780.3	1756.8	1749.0
-35°	1643.4	1631.6	1662.9	1694.2	1737.3	1792.0	1839.0	1823.3	1796.0	1788.1	1796.0
-37.5°	2034.6	1960.3	1929.0	1909.4	1897.7	1889.9	1878.1	1866.4	1854.6	1846.8	1858.6
-40°	2030.7	2011.2	1991.6	1975.9	1964.2	1948.6	1940.7	1936.8	1925.1	1917.2	1909.4
-42.5°	2022.9	2030.7	2030.7	2026.8	2030.7	2026.8	2015.1	1999.4	1979.9	1964.2	1948.6
-45°	2081.6	2085.5	2093.3	2101.1	2112.9	2097.2	2073.8	2046.4	2019.0	1995.5	1975.9
-47.5°	2116.8	2120.7	2128.5	2140.3	2148.1	2132.5	2101.1	2065.9	2022.9	1983.8	1944.6
-50°	2128.5	2140.3	2144.2	2144.2	2140.3	2120.7	2073.8	2022.9	1975.9	1936.8	1901.6
-52.5°	2073.8	2085.5	2089.4	2081.6	2077.7	2058.1	2015.1	1968.1	1917.2	1889.9	1858.6
-55°	1983.8	1999.4	2011.2	2011.2	2011.2	2007.2	1968.1	1925.1	1885.9	1854.6	1823.3
-57.5°	1948.6	1975.9	1999.4	2003.3	2007.2	2011.2	1983.8	1940.7	1893.8	1846.8	1807.7
-60°	2077.7	2101.1	2112.9	2097.2	2085.5	2073.8	2030.7	1979.9	1932.9	1885.9	1811.6
-62.5°	2042.5	2081.6	2101.1	2089.4	2073.8	2054.2	2007.2	1948.6	1893.8	1842.9	1768.6
-65°	1929.0	1964.2	1987.7	1968.1	1944.6	1917.2	1874.2	1819.4	1768.6	1717.7	1651.2
-67.5°	1737.3	1788.1	1827.3	1784.2	1752.9	1717.7	1682.5	1635.5	1584.7	1526.0	1463.4
-70°	1436.0	1475.1	1510.3	1498.6	1490.8	1482.9	1459.5	1412.5	1369.5	1322.5	1267.7
-72.5°	1154.3	1189.5	1220.8	1201.2	1185.6	1162.1	1126.9	1076.0	1025.1	974.3	923.4
-75°	637.8	649.5	661.3	657.3	657.3	657.3	657.3	661.3	653.4	641.7	618.2
-77.5°	489.1	504.7	516.5	524.3	536.0	551.7	563.4	543.9	524.3	504.7	481.3
-80°	383.4	399.1	410.8	453.9	485.2	520.4	543.9	516.5	489.1	465.6	446.1
-82.5°	289.5	301.3	313.0	336.5	352.1	371.7	387.4	387.4	383.4	379.5	367.8
-85°	211.3	226.9	242.6	250.4	262.2	262.2	266.1	250.4	234.8	223.0	207.4
-87.5°	121.3	125.2	125.2	125.2	129.1	129.1	129.1	121.3	117.4	109.6	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	15.7	15.7	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	47.0
82.5°	39.1	43.0	47.0	50.9	54.8	58.7	62.6	66.5	78.3	86.1	90.0
80°	39.1	43.0	54.8	62.6	70.4	78.3	78.3	78.3	78.3	82.2	90.0
77.5°	27.4	31.3	35.2	43.0	62.6	78.3	90.0	97.8	90.0	86.1	78.3
75°	15.7	19.6	23.5	27.4	39.1	54.8	74.3	93.9	109.6	105.6	97.8
72.5°	15.7	15.7	19.6	23.5	27.4	31.3	35.2	54.8	78.3	97.8	109.6
70°	15.7	19.6	19.6	23.5	27.4	31.3	35.2	43.0	54.8	78.3	101.7
67.5°	15.7	19.6	19.6	27.4	35.2	39.1	43.0	39.1	35.2	50.9	74.3
65°	15.7	15.7	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°	47.0	43.0	43.0	43.0	43.0	35.2	35.2	35.2	31.3	35.2	31.3
57.5°	113.5	93.9	86.1	86.1	74.3	70.4	58.7	43.0	43.0	35.2	35.2
55°	230.9	219.1	183.9	152.6	136.9	121.3	93.9	78.3	58.7	47.0	43.0
52.5°	356.1	324.8	293.5	254.3	215.2	183.9	156.5	121.3	97.8	70.4	54.8
50°	465.6	438.2	403.0	360.0	309.1	270.0	230.9	183.9	144.8	109.6	78.3
47.5°	633.9	579.1	536.0	485.2	426.5	371.7	320.8	266.1	203.5	160.4	121.3
45°	813.9	735.6	676.9	630.0	551.7	477.4	418.7	360.0	285.6	211.3	164.3
42.5°	939.1	880.4	802.1	739.5	669.1	590.8	512.6	450.0	371.7	285.6	211.3
40°	1005.6	966.5	903.8	849.1	774.7	688.6	606.5	543.9	461.7	367.8	266.1
37.5°	1056.4	1036.9	1005.6	962.5	892.1	790.4	708.2	633.9	563.4	453.9	344.3
35°	1115.1	1111.2	1091.7	1072.1	1013.4	915.6	817.8	731.7	645.6	543.9	422.6
32.5°	1169.9	1166.0	1154.3	1146.4	1123.0	1036.9	931.2	833.4	735.6	630.0	496.9
30°	1197.3	1189.5	1189.5	1197.3	1173.8	1119.0	1040.8	935.1	825.6	700.4	575.2
27.5°	1197.3	1189.5	1193.4	1205.1	1201.2	1173.8	1115.1	1029.1	907.8	766.9	645.6
25°	1146.4	1185.6	1185.6	1201.2	1205.1	1197.3	1166.0	1111.2	986.0	837.3	700.4
22.5°	1076.0	1169.9	1205.1	1201.2	1205.1	1224.7	1228.6	1177.7	1060.4	907.8	755.2
20°	1076.0	1142.5	1244.3	1216.9	1224.7	1267.7	1287.3	1244.3	1138.6	974.3	809.9
17.5°	1099.5	1142.5	1228.6	1271.6	1283.4	1318.6	1349.9	1322.5	1209.0	1044.7	884.3
15°	1166.0	1158.2	1216.9	1322.5	1342.1	1369.5	1404.7	1373.4	1271.6	1123.0	954.7
12.5°	1213.0	1169.9	1216.9	1330.3	1392.9	1420.3	1432.1	1408.6	1326.4	1193.4	1025.1
10°	1275.6	1201.2	1224.7	1322.5	1412.5	1432.1	1443.8	1436.0	1377.3	1252.1	1087.7
7.5°	1322.5	1216.9	1216.9	1310.8	1432.1	1447.7	1455.5	1463.4	1420.3	1302.9	1142.5
5°	1342.1	1216.9	1209.0	1299.0	1451.6	1467.3	1467.3	1479.0	1451.6	1342.1	1181.7
2.5°	1346.0	1213.0	1201.2	1291.2	1486.8	1486.8	1479.0	1490.8	1475.1	1365.6	1209.0
0°	1365.6	1209.0	1197.3	1302.9	1526.0	1510.3	1490.8	1494.7	1486.8	1377.3	1224.7
-2.5°	1365.6	1228.6	1213.0	1310.8	1522.1	1518.1	1510.3	1514.2	1506.4	1412.5	1256.0
-5°	1385.1	1256.0	1240.3	1346.0	1518.1	1529.9	1533.8	1533.8	1522.1	1436.0	1275.6
-7.5°	1389.0	1275.6	1271.6	1381.2	1526.0	1545.5	1557.3	1565.1	1541.6	1451.6	1291.2
-10°	1369.5	1283.4	1302.9	1424.2	1533.8	1561.2	1584.7	1596.4	1557.3	1459.5	1299.0
-12.5°	1326.4	1283.4	1334.2	1479.0	1553.4	1584.7	1619.9	1623.8	1572.9	1463.4	1302.9
-15°	1322.5	1314.7	1389.0	1533.8	1565.1	1604.2	1659.0	1647.3	1584.7	1463.4	1302.9
-17.5°	1318.6	1357.7	1471.2	1553.4	1584.7	1627.7	1670.7	1659.0	1592.5	1463.4	1295.1
-20°	1353.8	1428.2	1569.0	1572.9	1608.1	1655.1	1678.6	1655.1	1580.8	1451.6	1283.4

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CATALOG NUMBER: IFLD-L-SA7A-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°	1412.5	1553.4	1600.3	1616.0	1647.3	1682.5	1694.2	1659.0	1569.0	1432.1	1263.8
-25°	1561.2	1631.6	1631.6	1666.8	1698.1	1713.8	1702.0	1662.9	1553.4	1412.5	1244.3
-27.5°	1674.7	1670.7	1690.3	1725.5	1752.9	1752.9	1721.6	1643.4	1529.9	1392.9	1216.9
-30°	1717.7	1721.6	1749.0	1788.1	1796.0	1776.4	1729.4	1627.7	1510.3	1361.6	1181.7
-32.5°	1760.7	1776.4	1811.6	1831.2	1835.1	1796.0	1709.9	1600.3	1479.0	1326.4	1142.5
-35°	1811.6	1842.9	1862.5	1866.4	1846.8	1780.3	1682.5	1565.1	1432.1	1275.6	1107.3
-37.5°	1878.1	1893.8	1905.5	1889.9	1835.1	1756.8	1635.5	1518.1	1389.0	1220.8	1056.4
-40°	1921.2	1929.0	1932.9	1882.0	1815.5	1702.0	1584.7	1463.4	1314.7	1158.2	1001.7
-42.5°	1948.6	1940.7	1909.4	1854.6	1756.8	1647.3	1533.8	1396.9	1248.2	1095.6	943.0
-45°	1940.7	1913.3	1866.4	1799.9	1698.1	1588.6	1455.5	1318.6	1177.7	1029.1	876.5
-47.5°	1909.4	1866.4	1807.7	1729.4	1635.5	1502.5	1369.5	1236.4	1099.5	954.7	813.9
-50°	1870.3	1819.4	1749.0	1651.2	1526.0	1404.7	1283.4	1154.3	1013.4	880.4	755.2
-52.5°	1827.3	1772.5	1682.5	1572.9	1436.0	1310.8	1193.4	1068.2	939.1	813.9	704.3
-55°	1780.3	1725.5	1623.8	1498.6	1361.6	1224.7	1111.2	1005.6	880.4	759.1	661.3
-57.5°	1756.8	1686.4	1580.8	1455.5	1310.8	1169.9	1072.1	958.6	845.2	719.9	626.0
-60°	1737.3	1666.8	1569.0	1424.2	1287.3	1154.3	1040.8	931.2	809.9	692.6	598.7
-62.5°	1682.5	1608.1	1518.1	1377.3	1244.3	1123.0	1021.2	892.1	774.7	665.2	579.1
-65°	1572.9	1494.7	1416.4	1291.2	1169.9	1056.4	954.7	837.3	727.8	633.9	559.5
-67.5°	1400.8	1334.2	1263.8	1158.2	1056.4	954.7	860.8	759.1	669.1	602.6	563.4
-70°	1209.0	1138.6	1068.2	982.1	896.0	813.9	739.5	665.2	606.5	571.3	540.0
-72.5°	880.4	849.1	813.9	747.3	676.9	626.0	590.8	559.5	516.5	485.2	465.6
-75°	586.9	543.9	489.1	465.6	469.5	461.7	442.1	418.7	399.1	387.4	360.0
-77.5°	457.8	434.3	406.9	379.5	367.8	356.1	340.4	320.8	305.2	277.8	238.7
-80°	422.6	403.0	383.4	363.9	344.3	316.9	285.6	254.3	238.7	226.9	223.0
-82.5°	348.2	324.8	301.3	281.7	254.3	234.8	215.2	199.6	199.6	195.6	191.7
-85°	199.6	191.7	180.0	172.2	164.3	152.6	140.9	133.0	129.1	125.2	121.3
-87.5°	101.7	97.8	90.0	86.1	82.2	78.3	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-L-SA7A-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	15.7	15.7	15.7	11.7	7.8	7.8	3.9	3.9	0.0
85°	47.0	39.1	35.2	31.3	31.3	23.5	15.7	11.7	7.8	3.9	3.9
82.5°	90.0	78.3	66.5	58.7	47.0	35.2	27.4	19.6	11.7	7.8	3.9
80°	101.7	101.7	97.8	82.2	66.5	50.9	35.2	23.5	15.7	11.7	7.8
77.5°	78.3	86.1	86.1	86.1	82.2	62.6	43.0	27.4	15.7	11.7	7.8
75°	90.0	78.3	74.3	78.3	74.3	62.6	50.9	31.3	19.6	15.7	7.8
72.5°	109.6	93.9	82.2	78.3	70.4	58.7	47.0	35.2	19.6	15.7	11.7
70°	101.7	97.8	90.0	82.2	70.4	58.7	47.0	35.2	23.5	15.7	11.7
67.5°	90.0	90.0	90.0	82.2	70.4	54.8	43.0	31.3	23.5	15.7	11.7
65°	62.6	74.3	82.2	78.3	70.4	54.8	43.0	31.3	23.5	19.6	11.7
62.5°	39.1	50.9	66.5	74.3	66.5	54.8	39.1	31.3	23.5	19.6	11.7
60°	35.2	39.1	47.0	58.7	62.6	50.9	39.1	27.4	23.5	19.6	11.7
57.5°	35.2	35.2	39.1	47.0	50.9	47.0	35.2	23.5	23.5	19.6	15.7
55°	39.1	35.2	35.2	39.1	43.0	43.0	35.2	23.5	23.5	19.6	15.7
52.5°	47.0	39.1	35.2	35.2	35.2	39.1	31.3	23.5	23.5	19.6	15.7
50°	58.7	47.0	43.0	35.2	35.2	35.2	31.3	23.5	19.6	19.6	15.7
47.5°	78.3	62.6	47.0	43.0	35.2	31.3	27.4	23.5	19.6	19.6	15.7
45°	117.4	74.3	62.6	47.0	39.1	35.2	31.3	23.5	19.6	19.6	15.7
42.5°	160.4	109.6	78.3	54.8	43.0	35.2	31.3	27.4	19.6	19.6	15.7
40°	203.5	148.7	97.8	70.4	50.9	39.1	31.3	27.4	23.5	19.6	15.7
37.5°	250.4	183.9	129.1	90.0	58.7	43.0	35.2	27.4	23.5	19.6	15.7
35°	309.1	230.9	160.4	109.6	70.4	50.9	39.1	27.4	23.5	19.6	15.7
32.5°	375.6	273.9	191.7	133.0	90.0	62.6	43.0	31.3	23.5	19.6	15.7
30°	438.2	324.8	226.9	160.4	109.6	70.4	47.0	31.3	23.5	19.6	11.7
27.5°	500.8	375.6	270.0	187.8	133.0	82.2	50.9	35.2	23.5	19.6	15.7
25°	563.4	426.5	313.0	215.2	152.6	97.8	62.6	39.1	23.5	19.6	15.7
22.5°	618.2	477.4	352.1	246.5	176.1	113.5	70.4	43.0	27.4	19.6	15.7
20°	680.8	532.1	395.2	281.7	195.6	129.1	78.3	47.0	27.4	19.6	15.7
17.5°	739.5	586.9	438.2	313.0	219.1	144.8	90.0	50.9	31.3	19.6	15.7
15°	798.2	637.8	477.4	344.3	242.6	160.4	97.8	54.8	35.2	19.6	15.7
12.5°	853.0	684.7	512.6	371.7	262.2	176.1	105.6	58.7	39.1	19.6	15.7
10°	903.8	727.8	547.8	395.2	281.7	187.8	113.5	66.5	43.0	19.6	15.7
7.5°	954.7	763.0	575.2	418.7	305.2	203.5	121.3	70.4	47.0	23.5	15.7
5°	986.0	794.3	598.7	438.2	324.8	219.1	129.1	74.3	50.9	23.5	15.7
2.5°	1013.4	817.8	614.3	457.8	344.3	230.9	129.1	78.3	54.8	23.5	15.7
0°	1029.1	833.4	626.0	469.5	360.0	238.7	133.0	82.2	58.7	23.5	15.7
-2.5°	1064.3	860.8	653.4	485.2	375.6	262.2	140.9	86.1	62.6	27.4	15.7
-5°	1087.7	876.5	673.0	500.8	387.4	285.6	152.6	93.9	70.4	35.2	19.6
-7.5°	1107.3	892.1	688.6	508.7	399.1	293.5	156.5	97.8	74.3	39.1	19.6
-10°	1111.2	899.9	700.4	520.4	406.9	305.2	160.4	101.7	78.3	43.0	19.6
-12.5°	1115.1	907.8	704.3	528.2	414.8	313.0	164.3	105.6	82.2	47.0	19.6
-15°	1111.2	903.8	704.3	536.0	418.7	305.2	172.2	109.6	86.1	50.9	19.6
-17.5°	1103.4	899.9	700.4	532.1	414.8	297.4	176.1	117.4	86.1	54.8	23.5
-20°	1091.7	888.2	692.6	528.2	410.8	289.5	180.0	121.3	90.0	54.8	23.5

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CATALOG NUMBER: IFLD-L-SA7A-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°	1072.1	868.6	676.9	516.5	403.0	281.7	180.0	129.1	93.9	54.8	23.5
-25°	1048.6	849.1	661.3	500.8	391.3	270.0	180.0	133.0	97.8	54.8	23.5
-27.5°	1021.2	829.5	637.8	489.1	375.6	262.2	180.0	136.9	101.7	54.8	23.5
-30°	989.9	802.1	618.2	469.5	363.9	262.2	183.9	140.9	105.6	54.8	23.5
-32.5°	958.6	774.7	594.7	453.9	348.2	258.2	183.9	144.8	109.6	50.9	27.4
-35°	923.4	743.4	575.2	442.1	336.5	250.4	187.8	144.8	105.6	50.9	27.4
-37.5°	880.4	704.3	555.6	430.4	328.7	242.6	187.8	148.7	101.7	50.9	27.4
-40°	833.4	673.0	532.1	414.8	316.9	238.7	187.8	148.7	97.8	50.9	31.3
-42.5°	782.6	637.8	508.7	399.1	305.2	234.8	187.8	148.7	93.9	50.9	31.3
-45°	735.6	602.6	481.3	379.5	293.5	234.8	187.8	144.8	86.1	54.8	31.3
-47.5°	684.7	563.4	450.0	360.0	289.5	230.9	183.9	136.9	78.3	54.8	31.3
-50°	641.7	524.3	426.5	340.4	281.7	234.8	187.8	125.2	78.3	54.8	31.3
-52.5°	598.7	496.9	399.1	332.6	273.9	238.7	183.9	117.4	78.3	54.8	31.3
-55°	563.4	469.5	383.4	320.8	281.7	246.5	176.1	105.6	78.3	54.8	31.3
-57.5°	536.0	453.9	371.7	324.8	293.5	238.7	164.3	101.7	78.3	50.9	31.3
-60°	516.5	438.2	375.6	340.4	297.4	226.9	156.5	101.7	78.3	50.9	27.4
-62.5°	500.8	442.1	395.2	352.1	281.7	211.3	148.7	101.7	70.4	47.0	27.4
-65°	504.7	457.8	403.0	336.5	270.0	195.6	136.9	97.8	66.5	43.0	27.4
-67.5°	516.5	446.1	379.5	316.9	242.6	176.1	125.2	90.0	62.6	43.0	27.4
-70°	477.4	410.8	344.3	270.0	207.4	152.6	117.4	82.2	54.8	39.1	27.4
-72.5°	430.4	344.3	273.9	219.1	176.1	140.9	105.6	74.3	50.9	35.2	23.5
-75°	313.0	250.4	203.5	183.9	156.5	125.2	93.9	66.5	47.0	35.2	23.5
-77.5°	223.0	207.4	187.8	168.2	140.9	109.6	82.2	62.6	43.0	31.3	19.6
-80°	219.1	199.6	176.1	144.8	117.4	93.9	70.4	54.8	39.1	27.4	15.7
-82.5°	183.9	156.5	133.0	109.6	90.0	74.3	58.7	43.0	31.3	19.6	11.7
-85°	113.5	97.8	86.1	74.3	62.6	50.9	39.1	27.4	19.6	11.7	7.8
-87.5°	54.8	50.9	43.0	35.2	31.3	23.5	19.6	15.7	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-L-SA7A-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°	15.7	7.8	7.8	0.0
-15°	15.7	7.8	7.8	0.0
-17.5°	15.7	7.8	7.8	0.0
-20°	15.7	7.8	7.8	0.0



REPORT NUMBER: P723769

CATALOG NUMBER: IFLD-L-SA7A-750-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	15.7	7.8	7.8	0.0
-25°	15.7	7.8	7.8	0.0
-27.5°	15.7	7.8	7.8	0.0
-30°	15.7	7.8	7.8	0.0
-32.5°	15.7	7.8	7.8	0.0
-35°	15.7	7.8	7.8	0.0
-37.5°	15.7	7.8	7.8	0.0
-40°	15.7	7.8	7.8	0.0
-42.5°	11.7	7.8	3.9	0.0
-45°	15.7	7.8	3.9	0.0
-47.5°	15.7	7.8	3.9	0.0
-50°	15.7	7.8	3.9	0.0
-52.5°	15.7	7.8	3.9	0.0
-55°	15.7	7.8	3.9	0.0
-57.5°	15.7	7.8	3.9	0.0
-60°	15.7	7.8	3.9	0.0
-62.5°	15.7	7.8	3.9	0.0
-65°	15.7	7.8	3.9	0.0
-67.5°	15.7	7.8	3.9	0.0
-70°	15.7	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)