

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: P723774

Luminaire Tested: **IFLD-L-SA8A-750-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723774
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8A-750-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (128) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	18550.1 lumens	Max Intensity:	436419.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	74.9 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:	6727.1 lumens	Field Lumens:	10724.2 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

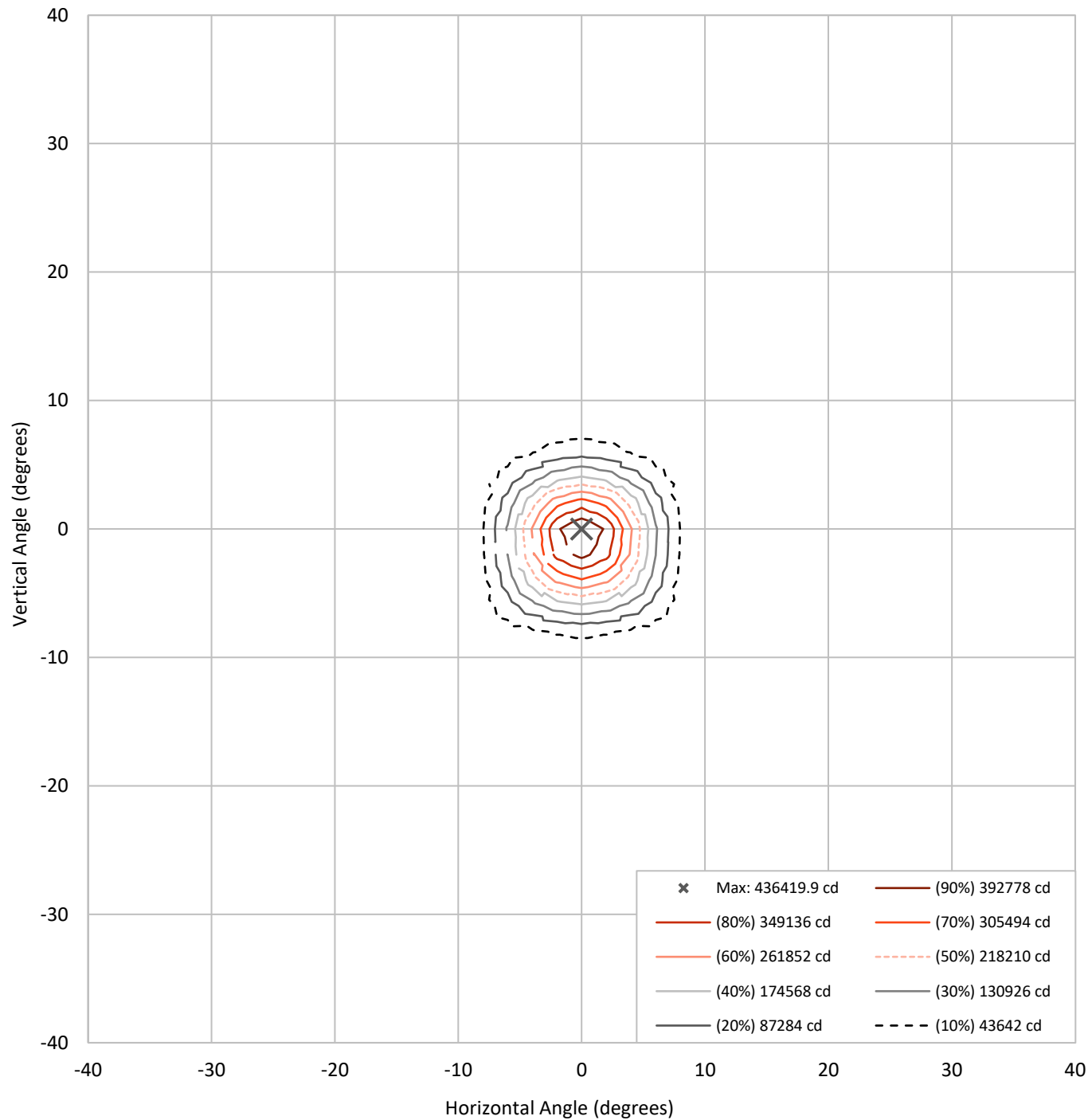
Input Watts (W): 247.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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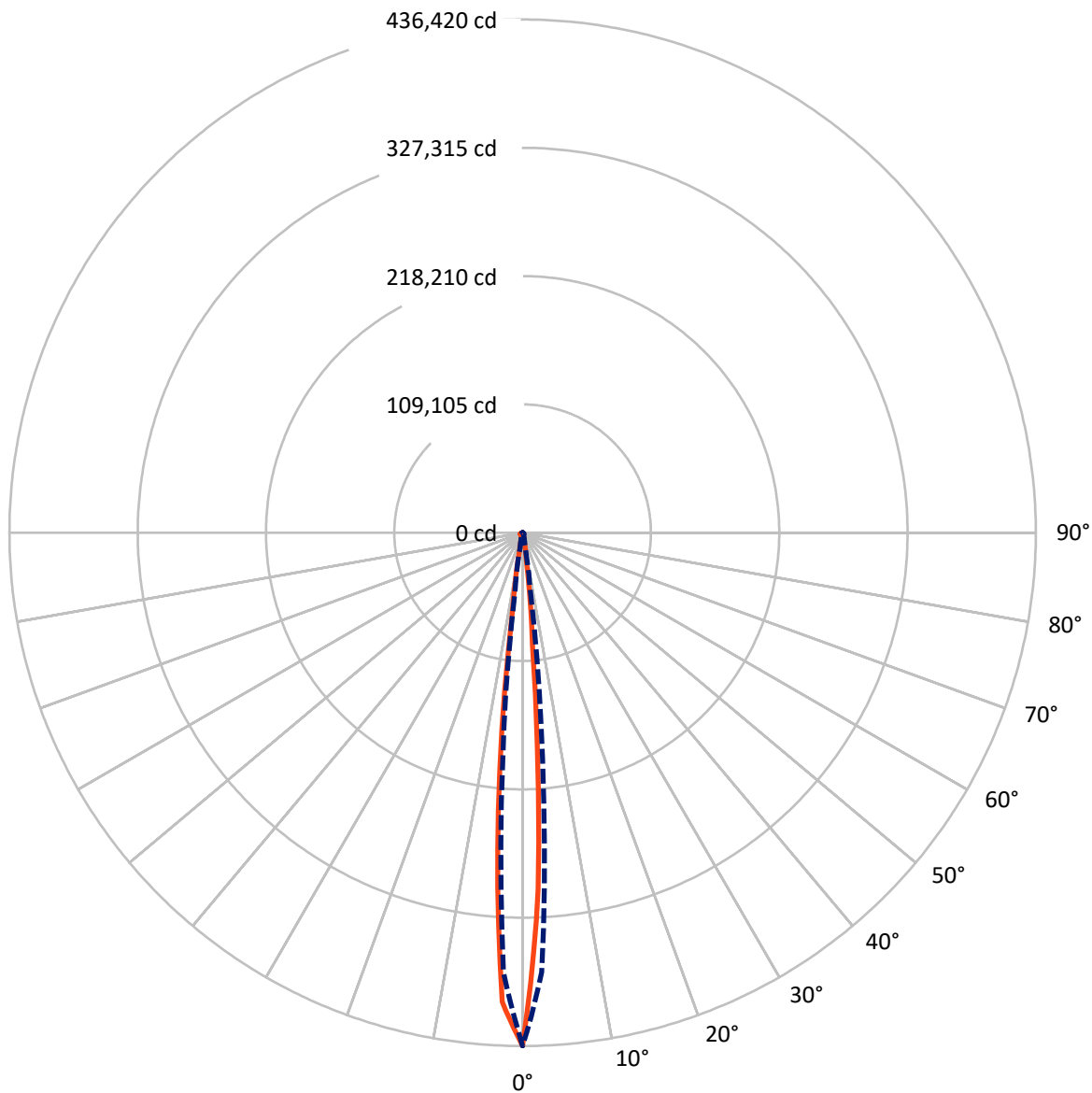
Lumen Table

Vertical Angle (degrees)		Horizontal Angle (degrees)																																					
90		-90		-80		-70		-60		-50		-40		-30		-20		-10		0		10		20		30		40		50		60		70		80		90	
80	0.3			4.1				4.5				1.7				0.5				1.7				4.5				4.1				0.3							
70	0.5	0.9	1.2	0.9	0.7	0.6	0.5	0.3	0.3	0.5	0.6	0.7	0.9	1.2	0.9	0.5	0.6	0.7	0.9	1.2	0.9	0.6	0.8	2.2	4.8	7.8	10.0	11.5	11.5	10.0	7.8	4.8	2.2	0.8	0.6	0.5			
60																																							
50	0.5	0.6	2.5	8.4	16.6	24.3	29.3	32.4	32.4	29.3	24.3	16.6	8.4	2.5	0.6	0.5	0.6	0.7	0.9	1.2	0.9	0.6	0.8	2.2	4.8	7.8	10.0	11.5	11.5	10.0	7.8	4.8	2.2	0.8	0.6	0.5			
40																																							
30	0.7	2.4	11.0	25.3	32.7	33.7	39.7	47.8	47.8	39.7	33.7	32.7	25.3	11.0	2.4	0.7	0.6	0.7	0.9	1.2	0.9	0.6	0.8	2.2	4.8	7.8	10.0	11.5	11.5	10.0	7.8	4.8	2.2	0.8	0.6	0.5			
20																																							
10	1.2	4.9	18.9	34.1	36.1	48.5	131.4	2435.2	2435.2	131.4	48.5	36.1	34.1	18.9	4.9	1.2	0.6	0.7	0.9	1.2	0.9	0.6	0.8	2.2	4.8	7.8	10.0	11.5	11.5	10.0	7.8	4.8	2.2	0.8	0.6	0.5			
0																																							
-10	1.8	6.1	21.2	37.7	40.6	45.3	82.3	157.9	157.9	82.3	45.3	40.6	37.7	21.2	6.1	1.8	0.6	0.7	0.9	1.2	0.9	0.6	0.8	2.2	4.8	7.8	10.0	11.5	11.5	10.0	7.8	4.8	2.2	0.8	0.6	0.5			
-20																																							
-30	2.0	5.1	17.8	36.5	50.1	54.6	56.8	57.3	57.3	56.8	54.6	50.1	36.5	17.8	5.1	2.0	0.6	0.7	0.9	1.2	0.9	0.6	0.8	2.2	4.8	7.8	10.0	11.5	11.5	10.0	7.8	4.8	2.2	0.8	0.6	0.5			
-40																																							
-50	1.6	4.1	11.1	24.0	41.2	55.3	64.3	68.0	68.0	64.3	55.3	41.2	24.0	11.1	4.1	1.6	0.6	0.7	0.9	1.2	0.9	0.6	0.8	2.2	4.8	7.8	10.0	11.5	11.5	10.0	7.8	4.8	2.2	0.8	0.6	0.5			
-60																																							
-70	0.7	11.5	34.2	63.3	69.9	63.3	34.2	11.5	0.7	0.6	0.7	0.9	1.2	0.9	0.6	0.5	0.6	0.7	0.9	1.2	0.9	0.6	0.8	2.2	4.8	7.8	10.0	11.5	11.5	10.0	7.8	4.8	2.2	0.8	0.6	0.5			
-80																																							
-90				4.1				4.5				1.7				0.5				1.7				4.5				4.1				0.3							

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Luminous Intensity Polar Plot



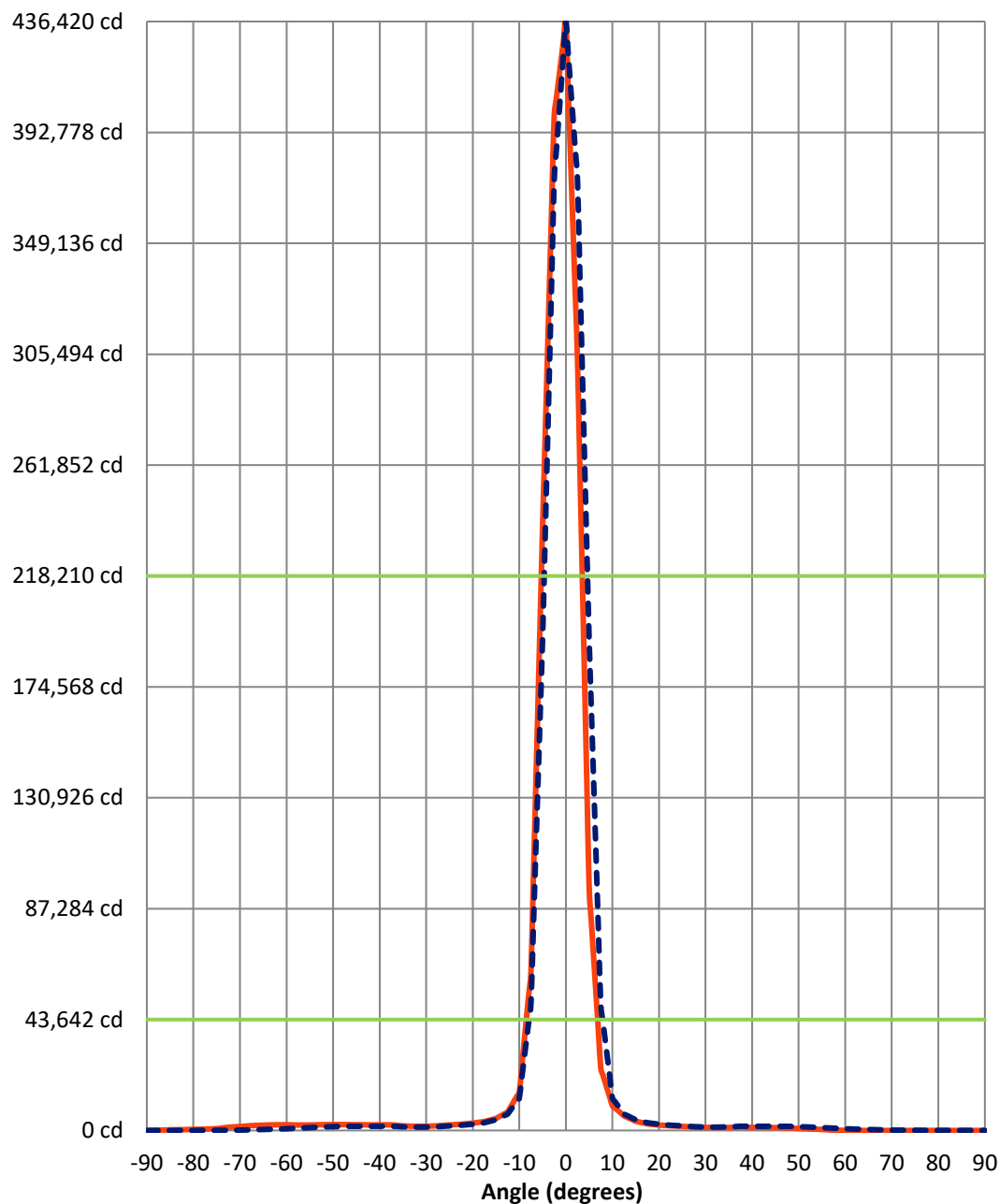
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 6727.1

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 10724.2

Efficiency: 57.8%

Spill:

Lumens: 7825.9

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	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
85°	0.0	4.3	4.3	8.6	8.6	8.6	12.8	17.1	21.4	21.4	25.7
82.5°	0.0	4.3	4.3	8.6	8.6	12.8	12.8	21.4	25.7	30.0	38.5
80°	4.3	4.3	4.3	8.6	8.6	12.8	12.8	17.1	21.4	30.0	34.3
77.5°	0.0	4.3	4.3	4.3	8.6	8.6	8.6	12.8	17.1	21.4	25.7
75°	0.0	4.3	4.3	4.3	8.6	8.6	8.6	8.6	12.8	12.8	17.1
72.5°	0.0	0.0	0.0	4.3	4.3	8.6	8.6	8.6	12.8	12.8	12.8
70°	0.0	0.0	0.0	4.3	4.3	8.6	8.6	8.6	12.8	12.8	12.8
67.5°	0.0	0.0	0.0	4.3	4.3	8.6	8.6	8.6	12.8	12.8	12.8
65°	0.0	0.0	0.0	4.3	4.3	8.6	8.6	12.8	12.8	12.8	12.8
62.5°	4.3	4.3	4.3	8.6	12.8	12.8	17.1	21.4	21.4	21.4	21.4
60°	42.8	47.1	51.4	51.4	47.1	47.1	51.4	51.4	51.4	51.4	51.4
57.5°	115.6	124.2	128.5	128.5	128.5	124.2	141.3	145.6	128.5	119.9	132.7
55°	402.5	415.4	406.8	394.0	368.3	338.3	329.7	325.4	329.7	308.3	274.1
52.5°	586.7	599.5	595.2	586.7	569.5	548.1	531.0	513.9	496.7	462.5	423.9
50°	762.2	766.5	762.2	753.7	736.5	715.1	680.9	642.3	608.1	599.5	565.3
47.5°	959.2	972.1	972.1	967.8	954.9	916.4	865.0	809.3	783.6	775.1	740.8
45°	1134.8	1143.4	1147.6	1151.9	1147.6	1109.1	1062.0	1032.0	976.3	959.2	959.2
42.5°	1181.9	1186.2	1190.5	1194.7	1207.6	1177.6	1139.1	1087.7	1074.8	1070.6	1062.0
40°	1199.0	1190.5	1194.7	1199.0	1203.3	1181.9	1151.9	1121.9	1113.4	1104.8	1104.8
37.5°	1361.8	1323.2	1293.2	1267.5	1246.1	1224.7	1194.7	1169.1	1147.6	1130.5	1147.6
35°	1160.5	1160.5	1190.5	1216.2	1241.8	1267.5	1271.8	1241.8	1194.7	1173.3	1203.3
32.5°	1186.2	1186.2	1186.2	1194.7	1203.3	1224.7	1246.1	1259.0	1293.2	1254.7	1254.7
30°	1211.9	1216.2	1224.7	1229.0	1216.2	1207.6	1199.0	1199.0	1220.4	1276.1	1306.1
27.5°	1361.8	1361.8	1348.9	1331.8	1293.2	1233.3	1203.3	1160.5	1164.8	1190.5	1263.3
25°	1605.8	1597.3	1567.3	1524.5	1456.0	1370.3	1289.0	1199.0	1160.5	1147.6	1177.6
22.5°	1837.1	1824.2	1785.7	1747.2	1691.5	1605.8	1468.8	1331.8	1211.9	1160.5	1147.6
20°	2132.6	2102.6	2059.8	1999.8	1909.9	1824.2	1704.3	1524.5	1348.9	1216.2	1164.8
17.5°	2607.9	2569.3	2488.0	2380.9	2226.8	2094.0	1922.7	1751.4	1554.5	1340.3	1224.7
15°	3648.5	3550.0	3408.7	3113.2	2809.1	2556.5	2299.6	2012.7	1811.4	1528.8	1353.2
12.5°	5738.2	5468.4	5057.3	4367.9	3687.0	3100.3	2685.0	2316.7	1991.2	1730.0	1481.7
10°	9712.1	9134.0	7999.2	6115.0	4860.3	3781.2	3036.1	2543.6	2132.6	1862.8	1588.7
7.5°	24562.9	20036.6	14178.5	9682.1	6359.1	4620.5	3472.9	2757.8	2282.4	1948.4	1674.4
5°	95733.7	78861.7	42068.7	17557.2	9566.5	5588.3	3866.9	2929.0	2380.9	2012.7	1738.6
2.5°	303829.0	262376.9	137656.8	37795.0	11746.2	6294.9	4136.6	3036.1	2436.6	2059.8	1785.7
0°	436419.9	374027.7	193193.1	49708.2	12739.7	6474.7	4222.3	3057.5	2445.2	2068.3	1785.7
-2.5°	399250.1	349421.9	186624.2	46256.7	13018.0	6526.1	4290.8	3130.3	2509.4	2106.9	1798.5
-5°	237231.6	208086.7	130184.3	32981.8	11566.3	6059.4	4110.9	3066.1	2466.6	2085.4	1790.0
-7.5°	62503.5	54110.3	35594.0	17210.3	7485.3	5125.8	3776.9	2959.0	2410.9	2046.9	1755.7
-10°	15069.2	14281.3	12756.8	7819.4	5828.1	4282.2	3348.7	2766.3	2299.6	1995.5	1700.0
-12.5°	7267.0	7095.7	6440.5	5310.0	4325.1	3558.5	3031.8	2565.1	2196.8	1905.6	1623.0
-15°	4727.6	4629.1	4406.4	3973.9	3472.9	3104.6	2736.3	2359.5	2068.3	1772.8	1558.7
-17.5°	3498.6	3494.3	3383.0	3220.2	2971.9	2697.8	2428.0	2188.2	1905.6	1652.9	1490.2
-20°	2899.1	2899.1	2834.8	2727.8	2552.2	2372.4	2192.5	1969.8	1738.6	1550.2	1481.7

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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°	2462.3	2466.6	2432.3	2363.8	2269.6	2119.7	1944.1	1764.3	1597.3	1528.8	1507.3
-25°	2179.7	2171.1	2132.6	2068.3	1969.8	1849.9	1734.3	1614.4	1567.3	1550.2	1580.1
-27.5°	1845.6	1858.5	1841.4	1811.4	1747.2	1661.5	1635.8	1601.6	1610.1	1635.8	1751.4
-30°	1648.7	1661.5	1678.6	1691.5	1670.1	1648.7	1657.2	1682.9	1738.6	1837.1	1879.9
-32.5°	1648.7	1652.9	1678.6	1704.3	1717.2	1734.3	1781.4	1867.1	1948.4	1922.7	1914.2
-35°	1798.5	1785.7	1820.0	1854.2	1901.3	1961.3	2012.7	1995.5	1965.5	1957.0	1965.5
-37.5°	2226.8	2145.4	2111.1	2089.7	2076.9	2068.3	2055.5	2042.6	2029.8	2021.2	2034.1
-40°	2222.5	2201.1	2179.7	2162.5	2149.7	2132.6	2124.0	2119.7	2106.9	2098.3	2089.7
-42.5°	2213.9	2222.5	2222.5	2218.2	2222.5	2218.2	2205.4	2188.2	2166.8	2149.7	2132.6
-45°	2278.1	2282.4	2291.0	2299.6	2312.4	2295.3	2269.6	2239.6	2209.6	2183.9	2162.5
-47.5°	2316.7	2321.0	2329.5	2342.4	2350.9	2333.8	2299.6	2261.0	2213.9	2171.1	2128.3
-50°	2329.5	2342.4	2346.7	2346.7	2342.4	2321.0	2269.6	2213.9	2162.5	2119.7	2081.2
-52.5°	2269.6	2282.4	2286.7	2278.1	2273.9	2252.5	2205.4	2154.0	2098.3	2068.3	2034.1
-55°	2171.1	2188.2	2201.1	2201.1	2201.1	2196.8	2154.0	2106.9	2064.0	2029.8	1995.5
-57.5°	2132.6	2162.5	2188.2	2192.5	2196.8	2201.1	2171.1	2124.0	2072.6	2021.2	1978.4
-60°	2273.9	2299.6	2312.4	2295.3	2282.4	2269.6	2222.5	2166.8	2115.4	2064.0	1982.7
-62.5°	2235.3	2278.1	2299.6	2286.7	2269.6	2248.2	2196.8	2132.6	2072.6	2016.9	1935.6
-65°	2111.1	2149.7	2175.4	2154.0	2128.3	2098.3	2051.2	1991.2	1935.6	1879.9	1807.1
-67.5°	1901.3	1957.0	1999.8	1952.7	1918.4	1879.9	1841.4	1790.0	1734.3	1670.1	1601.6
-70°	1571.6	1614.4	1652.9	1640.1	1631.5	1623.0	1597.3	1545.9	1498.8	1447.4	1387.4
-72.5°	1263.3	1301.8	1336.1	1314.6	1297.5	1271.8	1233.3	1177.6	1121.9	1066.3	1010.6
-75°	698.0	710.9	723.7	719.4	719.4	719.4	719.4	723.7	715.1	702.3	676.6
-77.5°	535.3	552.4	565.3	573.8	586.7	603.8	616.6	595.2	573.8	552.4	526.7
-80°	419.7	436.8	449.6	496.7	531.0	569.5	595.2	565.3	535.3	509.6	488.2
-82.5°	316.9	329.7	342.6	368.3	385.4	406.8	423.9	423.9	419.7	415.4	402.5
-85°	231.2	248.4	265.5	274.1	286.9	286.9	291.2	274.1	256.9	244.1	227.0
-87.5°	132.7	137.0	137.0	137.0	141.3	141.3	141.3	132.7	128.5	119.9	115.6
-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°	4.3	4.3	4.3	8.6	8.6	12.8	12.8	17.1	17.1	21.4	21.4
85°	25.7	25.7	25.7	30.0	30.0	34.3	38.5	42.8	47.1	47.1	51.4
82.5°	42.8	47.1	51.4	55.7	60.0	64.2	68.5	72.8	85.6	94.2	98.5
80°	42.8	47.1	60.0	68.5	77.1	85.6	85.6	85.6	85.6	89.9	98.5
77.5°	30.0	34.3	38.5	47.1	68.5	85.6	98.5	107.1	98.5	94.2	85.6
75°	17.1	21.4	25.7	30.0	42.8	60.0	81.4	102.8	119.9	115.6	107.1
72.5°	17.1	17.1	21.4	25.7	30.0	34.3	38.5	60.0	85.6	107.1	119.9
70°	17.1	21.4	21.4	25.7	30.0	34.3	38.5	47.1	60.0	85.6	111.3
67.5°	17.1	21.4	21.4	30.0	38.5	42.8	47.1	42.8	38.5	55.7	81.4
65°	17.1	17.1	21.4	25.7	30.0	34.3	47.1	47.1	42.8	42.8	42.8
62.5°	25.7	25.7	25.7	25.7	30.0	30.0	30.0	38.5	38.5	38.5	38.5
60°	51.4	47.1	47.1	47.1	47.1	38.5	38.5	38.5	34.3	38.5	34.3
57.5°	124.2	102.8	94.2	94.2	81.4	77.1	64.2	47.1	47.1	38.5	38.5
55°	252.7	239.8	201.3	167.0	149.9	132.7	102.8	85.6	64.2	51.4	47.1
52.5°	389.7	355.4	321.2	278.3	235.5	201.3	171.3	132.7	107.1	77.1	60.0
50°	509.6	479.6	441.1	394.0	338.3	295.5	252.7	201.3	158.4	119.9	85.6
47.5°	693.7	633.8	586.7	531.0	466.8	406.8	351.1	291.2	222.7	175.6	132.7
45°	890.7	805.1	740.8	689.4	603.8	522.4	458.2	394.0	312.6	231.2	179.9
42.5°	1027.7	963.5	877.9	809.3	732.3	646.6	561.0	492.5	406.8	312.6	231.2
40°	1100.5	1057.7	989.2	929.2	847.9	753.7	663.7	595.2	505.3	402.5	291.2
37.5°	1156.2	1134.8	1100.5	1053.4	976.3	865.0	775.1	693.7	616.6	496.7	376.8
35°	1220.4	1216.2	1194.7	1173.3	1109.1	1002.0	895.0	800.8	706.6	595.2	462.5
32.5°	1280.4	1276.1	1263.3	1254.7	1229.0	1134.8	1019.2	912.1	805.1	689.4	543.8
30°	1310.4	1301.8	1301.8	1310.4	1284.7	1224.7	1139.1	1023.5	903.6	766.5	629.5
27.5°	1310.4	1301.8	1306.1	1318.9	1314.6	1284.7	1220.4	1126.2	993.5	839.3	706.6
25°	1254.7	1297.5	1297.5	1314.6	1318.9	1310.4	1276.1	1216.2	1079.1	916.4	766.5
22.5°	1177.6	1280.4	1318.9	1314.6	1318.9	1340.3	1344.6	1289.0	1160.5	993.5	826.5
20°	1177.6	1250.4	1361.8	1331.8	1340.3	1387.4	1408.9	1361.8	1246.1	1066.3	886.4
17.5°	1203.3	1250.4	1344.6	1391.7	1404.6	1443.1	1477.4	1447.4	1323.2	1143.4	967.8
15°	1276.1	1267.5	1331.8	1447.4	1468.8	1498.8	1537.3	1503.1	1391.7	1229.0	1044.9
12.5°	1327.5	1280.4	1331.8	1456.0	1524.5	1554.5	1567.3	1541.6	1451.7	1306.1	1121.9
10°	1396.0	1314.6	1340.3	1447.4	1545.9	1567.3	1580.1	1571.6	1507.3	1370.3	1190.5
7.5°	1447.4	1331.8	1331.8	1434.5	1567.3	1584.4	1593.0	1601.6	1554.5	1426.0	1250.4
5°	1468.8	1331.8	1323.2	1421.7	1588.7	1605.8	1605.8	1618.7	1588.7	1468.8	1293.2
2.5°	1473.1	1327.5	1314.6	1413.1	1627.2	1627.2	1618.7	1631.5	1614.4	1494.5	1323.2
0°	1494.5	1323.2	1310.4	1426.0	1670.1	1652.9	1631.5	1635.8	1627.2	1507.3	1340.3
-2.5°	1494.5	1344.6	1327.5	1434.5	1665.8	1661.5	1652.9	1657.2	1648.7	1545.9	1374.6
-5°	1515.9	1374.6	1357.5	1473.1	1661.5	1674.4	1678.6	1678.6	1665.8	1571.6	1396.0
-7.5°	1520.2	1396.0	1391.7	1511.6	1670.1	1691.5	1704.3	1712.9	1687.2	1588.7	1413.1
-10°	1498.8	1404.6	1426.0	1558.7	1678.6	1708.6	1734.3	1747.2	1704.3	1597.3	1421.7
-12.5°	1451.7	1404.6	1460.2	1618.7	1700.0	1734.3	1772.8	1777.1	1721.5	1601.6	1426.0
-15°	1447.4	1438.8	1520.2	1678.6	1712.9	1755.7	1815.7	1802.8	1734.3	1601.6	1426.0
-17.5°	1443.1	1485.9	1610.1	1700.0	1734.3	1781.4	1828.5	1815.7	1742.9	1601.6	1417.4
-20°	1481.7	1563.0	1717.2	1721.5	1760.0	1811.4	1837.1	1811.4	1730.0	1588.7	1404.6

REPORT NUMBER: P723774

CATALOG NUMBER: IFLD-L-SA8A-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°	1545.9	1700.0	1751.4	1768.6	1802.8	1841.4	1854.2	1815.7	1717.2	1567.3	1383.2
-25°	1708.6	1785.7	1785.7	1824.2	1858.5	1875.6	1862.8	1820.0	1700.0	1545.9	1361.8
-27.5°	1832.8	1828.5	1849.9	1888.5	1918.4	1918.4	1884.2	1798.5	1674.4	1524.5	1331.8
-30°	1879.9	1884.2	1914.2	1957.0	1965.5	1944.1	1892.7	1781.4	1652.9	1490.2	1293.2
-32.5°	1927.0	1944.1	1982.7	2004.1	2008.4	1965.5	1871.3	1751.4	1618.7	1451.7	1250.4
-35°	1982.7	2016.9	2038.3	2042.6	2021.2	1948.4	1841.4	1712.9	1567.3	1396.0	1211.9
-37.5°	2055.5	2072.6	2085.4	2068.3	2008.4	1922.7	1790.0	1661.5	1520.2	1336.1	1156.2
-40°	2102.6	2111.1	2115.4	2059.8	1987.0	1862.8	1734.3	1601.6	1438.8	1267.5	1096.3
-42.5°	2132.6	2124.0	2089.7	2029.8	1922.7	1802.8	1678.6	1528.8	1366.0	1199.0	1032.0
-45°	2124.0	2094.0	2042.6	1969.8	1858.5	1738.6	1593.0	1443.1	1289.0	1126.2	959.2
-47.5°	2089.7	2042.6	1978.4	1892.7	1790.0	1644.4	1498.8	1353.2	1203.3	1044.9	890.7
-50°	2046.9	1991.2	1914.2	1807.1	1670.1	1537.3	1404.6	1263.3	1109.1	963.5	826.5
-52.5°	1999.8	1939.9	1841.4	1721.5	1571.6	1434.5	1306.1	1169.1	1027.7	890.7	770.8
-55°	1948.4	1888.5	1777.1	1640.1	1490.2	1340.3	1216.2	1100.5	963.5	830.8	723.7
-57.5°	1922.7	1845.6	1730.0	1593.0	1434.5	1280.4	1173.3	1049.1	925.0	787.9	685.2
-60°	1901.3	1824.2	1717.2	1558.7	1408.9	1263.3	1139.1	1019.2	886.4	758.0	655.2
-62.5°	1841.4	1760.0	1661.5	1507.3	1361.8	1229.0	1117.7	976.3	847.9	728.0	633.8
-65°	1721.5	1635.8	1550.2	1413.1	1280.4	1156.2	1044.9	916.4	796.5	693.7	612.4
-67.5°	1533.0	1460.2	1383.2	1267.5	1156.2	1044.9	942.1	830.8	732.3	659.5	616.6
-70°	1323.2	1246.1	1169.1	1074.8	980.6	890.7	809.3	728.0	663.7	625.2	590.9
-72.5°	963.5	929.2	890.7	817.9	740.8	685.2	646.6	612.4	565.3	531.0	509.6
-75°	642.3	595.2	535.3	509.6	513.9	505.3	483.9	458.2	436.8	423.9	394.0
-77.5°	501.0	475.3	445.4	415.4	402.5	389.7	372.6	351.1	334.0	304.0	261.2
-80°	462.5	441.1	419.7	398.2	376.8	346.9	312.6	278.3	261.2	248.4	244.1
-82.5°	381.1	355.4	329.7	308.3	278.3	256.9	235.5	218.4	218.4	214.1	209.8
-85°	218.4	209.8	197.0	188.4	179.9	167.0	154.2	145.6	141.3	137.0	132.7
-87.5°	111.3	107.1	98.5	94.2	89.9	85.6	77.1	72.8	68.5	68.5	64.2
-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-SA8A-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°	21.4	21.4	17.1	17.1	17.1	12.8	8.6	8.6	4.3	4.3	0.0
85°	51.4	42.8	38.5	34.3	34.3	25.7	17.1	12.8	8.6	4.3	4.3
82.5°	98.5	85.6	72.8	64.2	51.4	38.5	30.0	21.4	12.8	8.6	4.3
80°	111.3	111.3	107.1	89.9	72.8	55.7	38.5	25.7	17.1	12.8	8.6
77.5°	85.6	94.2	94.2	94.2	89.9	68.5	47.1	30.0	17.1	12.8	8.6
75°	98.5	85.6	81.4	85.6	81.4	68.5	55.7	34.3	21.4	17.1	8.6
72.5°	119.9	102.8	89.9	85.6	77.1	64.2	51.4	38.5	21.4	17.1	12.8
70°	111.3	107.1	98.5	89.9	77.1	64.2	51.4	38.5	25.7	17.1	12.8
67.5°	98.5	98.5	98.5	89.9	77.1	60.0	47.1	34.3	25.7	17.1	12.8
65°	68.5	81.4	89.9	85.6	77.1	60.0	47.1	34.3	25.7	21.4	12.8
62.5°	42.8	55.7	72.8	81.4	72.8	60.0	42.8	34.3	25.7	21.4	12.8
60°	38.5	42.8	51.4	64.2	68.5	55.7	42.8	30.0	25.7	21.4	12.8
57.5°	38.5	38.5	42.8	51.4	55.7	51.4	38.5	25.7	25.7	21.4	17.1
55°	42.8	38.5	38.5	42.8	47.1	47.1	38.5	25.7	25.7	21.4	17.1
52.5°	51.4	42.8	38.5	38.5	38.5	42.8	34.3	25.7	25.7	21.4	17.1
50°	64.2	51.4	47.1	38.5	38.5	38.5	34.3	25.7	21.4	21.4	17.1
47.5°	85.6	68.5	51.4	47.1	38.5	34.3	30.0	25.7	21.4	21.4	17.1
45°	128.5	81.4	68.5	51.4	42.8	38.5	34.3	25.7	21.4	21.4	17.1
42.5°	175.6	119.9	85.6	60.0	47.1	38.5	34.3	30.0	21.4	21.4	17.1
40°	222.7	162.7	107.1	77.1	55.7	42.8	34.3	30.0	25.7	21.4	17.1
37.5°	274.1	201.3	141.3	98.5	64.2	47.1	38.5	30.0	25.7	21.4	17.1
35°	338.3	252.7	175.6	119.9	77.1	55.7	42.8	30.0	25.7	21.4	17.1
32.5°	411.1	299.8	209.8	145.6	98.5	68.5	47.1	34.3	25.7	21.4	17.1
30°	479.6	355.4	248.4	175.6	119.9	77.1	51.4	34.3	25.7	21.4	12.8
27.5°	548.1	411.1	295.5	205.5	145.6	89.9	55.7	38.5	25.7	21.4	17.1
25°	616.6	466.8	342.6	235.5	167.0	107.1	68.5	42.8	25.7	21.4	17.1
22.5°	676.6	522.4	385.4	269.8	192.7	124.2	77.1	47.1	30.0	21.4	17.1
20°	745.1	582.4	432.5	308.3	214.1	141.3	85.6	51.4	30.0	21.4	17.1
17.5°	809.3	642.3	479.6	342.6	239.8	158.4	98.5	55.7	34.3	21.4	17.1
15°	873.6	698.0	522.4	376.8	265.5	175.6	107.1	60.0	38.5	21.4	17.1
12.5°	933.5	749.4	561.0	406.8	286.9	192.7	115.6	64.2	42.8	21.4	17.1
10°	989.2	796.5	599.5	432.5	308.3	205.5	124.2	72.8	47.1	21.4	17.1
7.5°	1044.9	835.0	629.5	458.2	334.0	222.7	132.7	77.1	51.4	25.7	17.1
5°	1079.1	869.3	655.2	479.6	355.4	239.8	141.3	81.4	55.7	25.7	17.1
2.5°	1109.1	895.0	672.3	501.0	376.8	252.7	141.3	85.6	60.0	25.7	17.1
0°	1126.2	912.1	685.2	513.9	394.0	261.2	145.6	89.9	64.2	25.7	17.1
-2.5°	1164.8	942.1	715.1	531.0	411.1	286.9	154.2	94.2	68.5	30.0	17.1
-5°	1190.5	959.2	736.5	548.1	423.9	312.6	167.0	102.8	77.1	38.5	21.4
-7.5°	1211.9	976.3	753.7	556.7	436.8	321.2	171.3	107.1	81.4	42.8	21.4
-10°	1216.2	984.9	766.5	569.5	445.4	334.0	175.6	111.3	85.6	47.1	21.4
-12.5°	1220.4	993.5	770.8	578.1	453.9	342.6	179.9	115.6	89.9	51.4	21.4
-15°	1216.2	989.2	770.8	586.7	458.2	334.0	188.4	119.9	94.2	55.7	21.4
-17.5°	1207.6	984.9	766.5	582.4	453.9	325.4	192.7	128.5	94.2	60.0	25.7
-20°	1194.7	972.1	758.0	578.1	449.6	316.9	197.0	132.7	98.5	60.0	25.7



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CATALOG NUMBER: IFLD-L-SA8A-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°	1173.3	950.7	740.8	565.3	441.1	308.3	197.0	141.3	102.8	60.0	25.7
-25°	1147.6	929.2	723.7	548.1	428.2	295.5	197.0	145.6	107.1	60.0	25.7
-27.5°	1117.7	907.8	698.0	535.3	411.1	286.9	197.0	149.9	111.3	60.0	25.7
-30°	1083.4	877.9	676.6	513.9	398.2	286.9	201.3	154.2	115.6	60.0	25.7
-32.5°	1049.1	847.9	650.9	496.7	381.1	282.6	201.3	158.4	119.9	55.7	30.0
-35°	1010.6	813.6	629.5	483.9	368.3	274.1	205.5	158.4	115.6	55.7	30.0
-37.5°	963.5	770.8	608.1	471.0	359.7	265.5	205.5	162.7	111.3	55.7	30.0
-40°	912.1	736.5	582.4	453.9	346.9	261.2	205.5	162.7	107.1	55.7	34.3
-42.5°	856.4	698.0	556.7	436.8	334.0	256.9	205.5	162.7	102.8	55.7	34.3
-45°	805.1	659.5	526.7	415.4	321.2	256.9	205.5	158.4	94.2	60.0	34.3
-47.5°	749.4	616.6	492.5	394.0	316.9	252.7	201.3	149.9	85.6	60.0	34.3
-50°	702.3	573.8	466.8	372.6	308.3	256.9	205.5	137.0	85.6	60.0	34.3
-52.5°	655.2	543.8	436.8	364.0	299.8	261.2	201.3	128.5	85.6	60.0	34.3
-55°	616.6	513.9	419.7	351.1	308.3	269.8	192.7	115.6	85.6	60.0	34.3
-57.5°	586.7	496.7	406.8	355.4	321.2	261.2	179.9	111.3	85.6	55.7	34.3
-60°	565.3	479.6	411.1	372.6	325.4	248.4	171.3	111.3	85.6	55.7	30.0
-62.5°	548.1	483.9	432.5	385.4	308.3	231.2	162.7	111.3	77.1	51.4	30.0
-65°	552.4	501.0	441.1	368.3	295.5	214.1	149.9	107.1	72.8	47.1	30.0
-67.5°	565.3	488.2	415.4	346.9	265.5	192.7	137.0	98.5	68.5	47.1	30.0
-70°	522.4	449.6	376.8	295.5	227.0	167.0	128.5	89.9	60.0	42.8	30.0
-72.5°	471.0	376.8	299.8	239.8	192.7	154.2	115.6	81.4	55.7	38.5	25.7
-75°	342.6	274.1	222.7	201.3	171.3	137.0	102.8	72.8	51.4	38.5	25.7
-77.5°	244.1	227.0	205.5	184.1	154.2	119.9	89.9	68.5	47.1	34.3	21.4
-80°	239.8	218.4	192.7	158.4	128.5	102.8	77.1	60.0	42.8	30.0	17.1
-82.5°	201.3	171.3	145.6	119.9	98.5	81.4	64.2	47.1	34.3	21.4	12.8
-85°	124.2	107.1	94.2	81.4	68.5	55.7	42.8	30.0	21.4	12.8	8.6
-87.5°	60.0	55.7	47.1	38.5	34.3	25.7	21.4	17.1	12.8	8.6	4.3
-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-SA8A-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°	4.3	0.0	0.0	0.0
80°	4.3	0.0	0.0	0.0
77.5°	4.3	0.0	0.0	0.0
75°	4.3	4.3	0.0	0.0
72.5°	4.3	4.3	0.0	0.0
70°	8.6	4.3	4.3	0.0
67.5°	8.6	4.3	4.3	0.0
65°	8.6	4.3	4.3	0.0
62.5°	8.6	4.3	4.3	0.0
60°	8.6	4.3	4.3	0.0
57.5°	8.6	4.3	4.3	0.0
55°	8.6	4.3	4.3	0.0
52.5°	8.6	4.3	4.3	0.0
50°	8.6	4.3	4.3	0.0
47.5°	8.6	8.6	4.3	0.0
45°	8.6	8.6	4.3	0.0
42.5°	8.6	8.6	4.3	0.0
40°	8.6	8.6	4.3	0.0
37.5°	8.6	8.6	4.3	0.0
35°	8.6	8.6	4.3	0.0
32.5°	12.8	8.6	4.3	0.0
30°	12.8	8.6	8.6	0.0
27.5°	12.8	8.6	8.6	0.0
25°	12.8	8.6	8.6	0.0
22.5°	12.8	8.6	8.6	0.0
20°	12.8	8.6	8.6	0.0
17.5°	12.8	8.6	8.6	0.0
15°	12.8	8.6	8.6	0.0
12.5°	12.8	8.6	8.6	0.0
10°	12.8	8.6	8.6	0.0
7.5°	12.8	8.6	8.6	0.0
5°	12.8	8.6	8.6	0.0
2.5°	12.8	8.6	8.6	0.0
0°	12.8	8.6	8.6	0.0
-2.5°	12.8	8.6	8.6	0.0
-5°	12.8	8.6	8.6	0.0
-7.5°	12.8	8.6	8.6	0.0
-10°	12.8	8.6	8.6	0.0
-12.5°	17.1	8.6	8.6	0.0
-15°	17.1	8.6	8.6	0.0
-17.5°	17.1	8.6	8.6	0.0
-20°	17.1	8.6	8.6	0.0

REPORT NUMBER: P723774

CATALOG NUMBER: IFLD-L-SA8A-750-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	17.1	8.6	8.6	0.0
-25°	17.1	8.6	8.6	0.0
-27.5°	17.1	8.6	8.6	0.0
-30°	17.1	8.6	8.6	0.0
-32.5°	17.1	8.6	8.6	0.0
-35°	17.1	8.6	8.6	0.0
-37.5°	17.1	8.6	8.6	0.0
-40°	17.1	8.6	8.6	0.0
-42.5°	12.8	8.6	4.3	0.0
-45°	17.1	8.6	4.3	0.0
-47.5°	17.1	8.6	4.3	0.0
-50°	17.1	8.6	4.3	0.0
-52.5°	17.1	8.6	4.3	0.0
-55°	17.1	8.6	4.3	0.0
-57.5°	17.1	8.6	4.3	0.0
-60°	17.1	8.6	4.3	0.0
-62.5°	17.1	8.6	4.3	0.0
-65°	17.1	8.6	4.3	0.0
-67.5°	17.1	8.6	4.3	0.0
-70°	17.1	4.3	4.3	0.0
-72.5°	12.8	4.3	4.3	0.0
-75°	12.8	4.3	4.3	0.0
-77.5°	8.6	4.3	0.0	0.0
-80°	8.6	4.3	0.0	0.0
-82.5°	8.6	4.3	0.0	0.0
-85°	4.3	0.0	0.0	0.0
-87.5°	4.3	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)