

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: P723741

Luminaire Tested: **IFLD-L-SA7B-740-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723741
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7B-740-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (112) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	18852.6 lumens	Max Intensity:	443536.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	67.1 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:	6836.7 lumens	Field Lumens:	10899.1 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

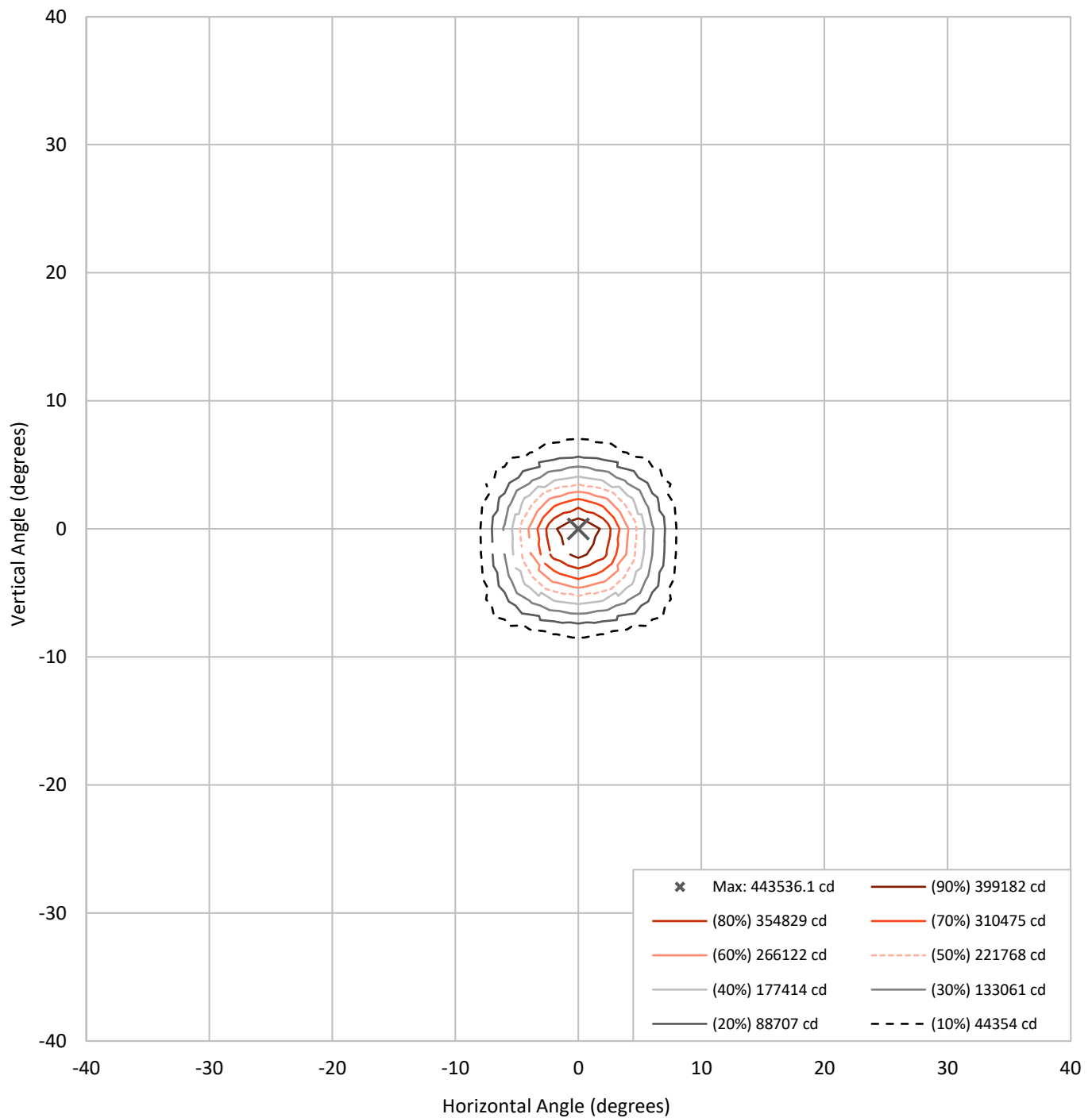
Input Watts (W): 281
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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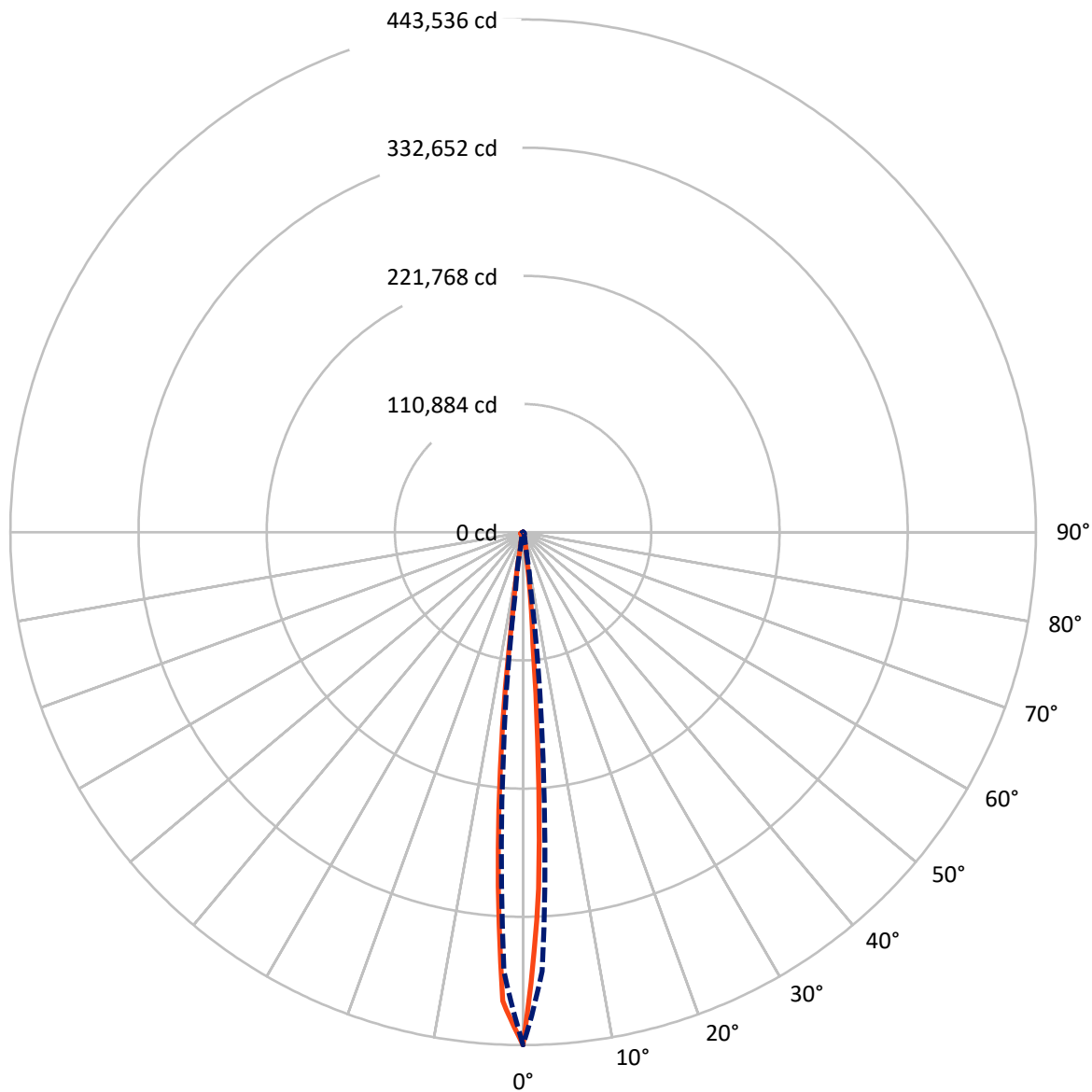
Lumen Table

Vertical Angle (degrees)																			
	0.3	4.2		4.6		1.8		0.5		1.8		4.6		4.2		0.3			
90																			
80																			
70	0.5	0.9	1.2	0.9	0.8	0.6	0.5	0.3	0.3	0.5	0.6	0.8	0.9	1.2	0.9	0.5			
60		0.6	0.9	2.2	4.9	7.9	10.2	11.7	11.7	10.2	7.9	4.9	2.2	0.9	0.6				
50	0.5	0.6	2.6	8.6	16.9	24.7	29.8	33.0	33.0	29.8	24.7	16.9	8.6	2.6	0.6	0.5			
40		1.3	6.5	17.6	28.7	33.7	36.4	37.6	37.6	36.4	33.7	28.7	17.6	6.5	1.3				
30	0.7	2.4	11.2	25.7	33.2	34.2	40.4	48.6	48.6	40.4	34.2	33.2	25.7	11.2	2.4	0.7			
20		3.8	15.7	31.5	35.4	39.9	70.2	119.6	119.6	70.2	39.9	35.4	31.5	15.7	3.8				
10	1.3	5.0	19.2	34.6	36.7	49.3	133.5	2474.9	2474.9	133.5	49.3	36.7	34.6	19.2	5.0	1.3			
0		5.8	21.0	36.4	38.1	51.0	143.9	3608.6	3608.6	143.9	51.0	38.1	36.4	21.0	5.8				
-10	1.8	6.2	21.6	38.3	41.2	46.0	83.6	160.5	160.5	83.6	46.0	41.2	38.3	21.6	6.2	1.8			
-20		5.9	20.5	38.8	46.3	46.3	54.2	66.1	66.1	54.2	46.3	46.3	38.8	20.5	5.9				
-30	2.0	5.2	18.1	37.1	50.9	55.5	57.7	58.2	58.2	57.7	55.5	50.9	37.1	18.1	5.2	2.0			
-40		4.6	14.6	31.5	49.1	59.7	66.9	70.1	70.1	66.9	59.7	49.1	31.5	14.6	4.6				
-50	1.6	4.1	11.3	24.4	41.9	56.2	65.3	69.1	69.1	65.3	56.2	41.9	24.4	11.3	4.1	1.6			
-60		3.8	9.9	19.9	34.9	49.1	59.5	64.3	64.3	59.5	49.1	34.9	19.9	9.9	3.8				
-70	0.7	11.7		34.7		64.3		71.0		64.3		34.7		11.7		0.7			
-80																			
-90																			
Horizontal Angle (degrees)																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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Luminous Intensity Polar Plot



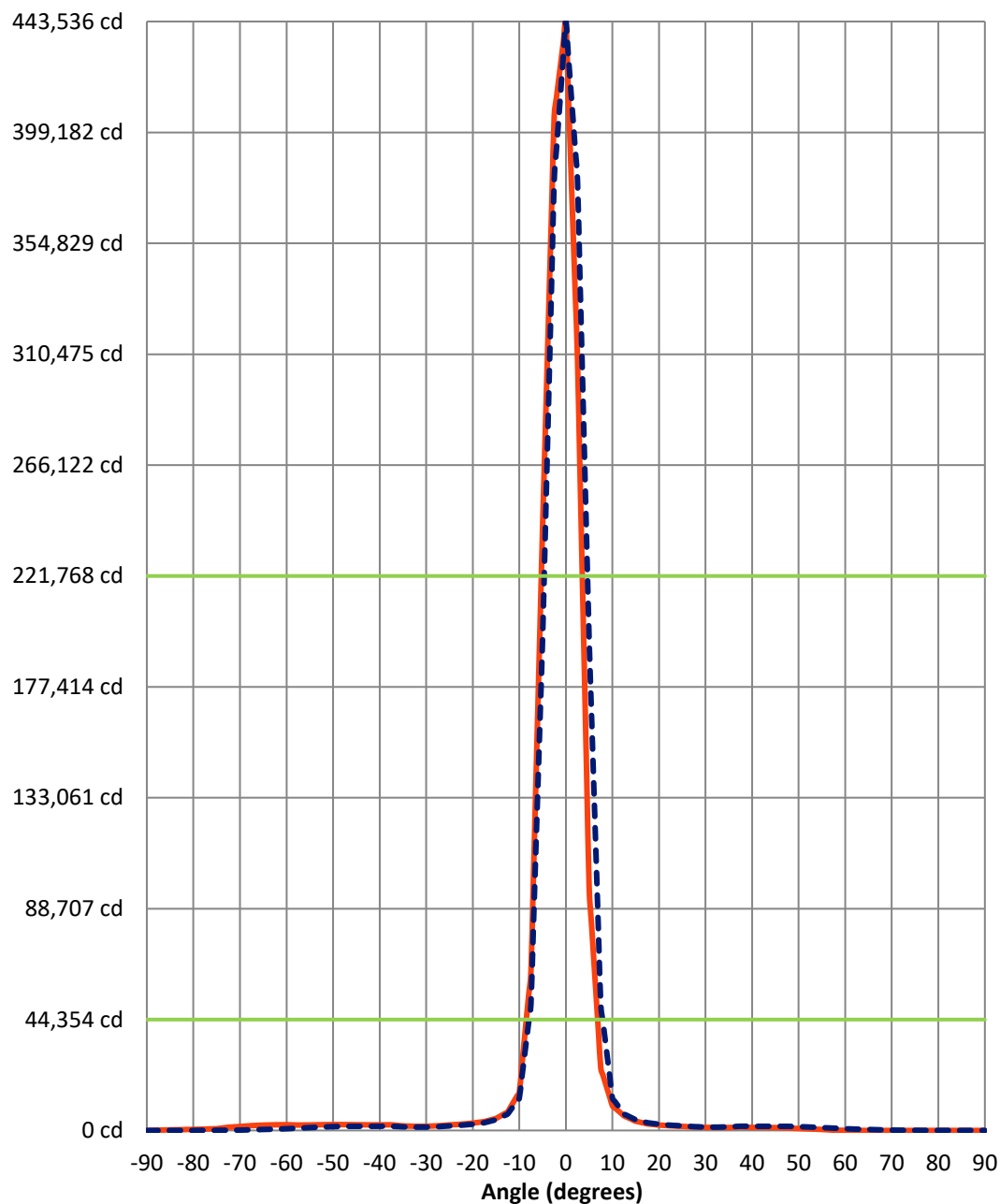
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 6836.7

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 10899.1

Efficiency: 57.8%

Spill:

Lumens: 7953.6

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	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
85°	0.0	4.4	4.4	8.7	8.7	8.7	13.1	17.4	21.8	21.8	26.1
82.5°	0.0	4.4	4.4	8.7	8.7	13.1	13.1	21.8	26.1	30.5	39.2
80°	4.4	4.4	4.4	8.7	8.7	13.1	13.1	17.4	21.8	30.5	34.8
77.5°	0.0	4.4	4.4	4.4	8.7	8.7	8.7	13.1	17.4	21.8	26.1
75°	0.0	4.4	4.4	4.4	8.7	8.7	8.7	8.7	13.1	13.1	17.4
72.5°	0.0	0.0	0.0	4.4	4.4	8.7	8.7	8.7	13.1	13.1	13.1
70°	0.0	0.0	0.0	4.4	4.4	8.7	8.7	8.7	13.1	13.1	13.1
67.5°	0.0	0.0	0.0	4.4	4.4	8.7	8.7	8.7	13.1	13.1	13.1
65°	0.0	0.0	0.0	4.4	4.4	8.7	8.7	13.1	13.1	13.1	13.1
62.5°	4.4	4.4	4.4	8.7	13.1	13.1	17.4	21.8	21.8	21.8	21.8
60°	43.5	47.9	52.2	52.2	47.9	47.9	52.2	52.2	52.2	52.2	52.2
57.5°	117.5	126.2	130.6	130.6	130.6	126.2	143.6	148.0	130.6	121.9	134.9
55°	409.1	422.2	413.4	400.4	374.3	343.8	335.1	330.8	335.1	313.3	278.5
52.5°	596.2	609.3	604.9	596.2	578.8	557.1	539.7	522.2	504.8	470.0	430.9
50°	774.7	779.0	774.7	766.0	748.6	726.8	692.0	652.8	618.0	609.3	574.5
47.5°	974.9	987.9	987.9	983.6	970.5	931.3	879.1	822.5	796.4	787.7	752.9
45°	1153.3	1162.0	1166.4	1170.7	1166.4	1127.2	1079.3	1048.8	992.3	974.9	974.9
42.5°	1201.2	1205.5	1209.9	1214.2	1227.3	1196.8	1157.6	1105.4	1092.4	1088.0	1079.3
40°	1218.6	1209.9	1214.2	1218.6	1222.9	1201.2	1170.7	1140.2	1131.5	1122.8	1122.8
37.5°	1384.0	1344.8	1314.3	1288.2	1266.5	1244.7	1214.2	1188.1	1166.4	1148.9	1166.4
35°	1179.4	1179.4	1209.9	1236.0	1262.1	1288.2	1292.6	1262.1	1214.2	1192.5	1222.9
32.5°	1205.5	1205.5	1205.5	1214.2	1222.9	1244.7	1266.5	1279.5	1314.3	1275.2	1275.2
30°	1231.6	1236.0	1244.7	1249.0	1236.0	1227.3	1218.6	1218.6	1240.3	1296.9	1327.4
27.5°	1384.0	1384.0	1370.9	1353.5	1314.3	1253.4	1222.9	1179.4	1183.8	1209.9	1283.9
25°	1632.0	1623.3	1592.9	1549.3	1479.7	1392.7	1310.0	1218.6	1179.4	1166.4	1196.8
22.5°	1867.0	1854.0	1814.8	1775.6	1719.1	1632.0	1492.8	1353.5	1231.6	1179.4	1166.4
20°	2167.3	2136.9	2093.3	2032.4	1941.0	1854.0	1732.1	1549.3	1370.9	1236.0	1183.8
17.5°	2650.4	2611.2	2528.5	2419.7	2263.1	2128.2	1954.1	1780.0	1579.8	1362.2	1244.7
15°	3708.0	3607.9	3464.2	3163.9	2855.0	2598.2	2337.1	2045.5	1840.9	1553.7	1375.3
12.5°	5831.8	5557.6	5139.8	4439.1	3747.1	3150.9	2728.7	2354.5	2023.7	1758.2	1505.8
10°	9870.5	9283.0	8129.7	6214.7	4939.6	3842.9	3085.6	2585.1	2167.3	1893.1	1614.6
7.5°	24963.4	20363.3	14409.7	9840.0	6462.8	4695.9	3529.5	2802.7	2319.6	1980.2	1701.7
5°	97294.7	80147.6	42754.7	17843.5	9722.5	5679.4	3929.9	2976.8	2419.7	2045.5	1766.9
2.5°	308783.2	266655.2	139901.4	38411.3	11937.7	6397.5	4204.1	3085.6	2476.3	2093.3	1814.8
0°	443536.1	380126.6	196343.3	50518.7	12947.4	6580.3	4291.1	3107.4	2485.0	2102.0	1814.8
-2.5°	405760.2	355119.6	189667.3	47011.0	13230.3	6632.5	4360.8	3181.4	2550.3	2141.2	1827.9
-5°	241099.9	211479.8	132307.1	33519.6	11754.9	6158.2	4178.0	3116.1	2506.8	2119.5	1819.2
-7.5°	63522.7	54992.7	36174.3	17490.9	7607.4	5209.4	3838.5	3007.3	2450.2	2080.3	1784.3
-10°	15314.9	14514.1	12964.8	7946.9	5923.2	4352.1	3403.3	2811.4	2337.1	2028.1	1727.8
-12.5°	7385.5	7211.4	6545.5	5396.6	4395.6	3616.6	3081.3	2606.9	2232.6	1936.7	1649.4
-15°	4804.7	4704.6	4478.3	4038.7	3529.5	3155.2	2781.0	2398.0	2102.0	1801.8	1584.2
-17.5°	3555.6	3551.3	3438.1	3272.8	3020.3	2741.8	2467.6	2223.9	1936.7	1679.9	1514.5
-20°	2946.3	2946.3	2881.1	2772.3	2593.8	2411.0	2228.3	2001.9	1766.9	1575.4	1505.8

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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°	2502.4	2506.8	2472.0	2402.3	2306.6	2154.3	1975.8	1793.0	1623.3	1553.7	1531.9
-25°	2215.2	2206.5	2167.3	2102.0	2001.9	1880.1	1762.6	1640.7	1592.9	1575.4	1605.9
-27.5°	1875.7	1888.8	1871.4	1840.9	1775.6	1688.6	1662.5	1627.7	1636.4	1662.5	1780.0
-30°	1675.5	1688.6	1706.0	1719.1	1697.3	1675.5	1684.2	1710.4	1766.9	1867.0	1910.6
-32.5°	1675.5	1679.9	1706.0	1732.1	1745.2	1762.6	1810.5	1897.5	1980.2	1954.1	1945.4
-35°	1827.9	1814.8	1849.6	1884.4	1932.3	1993.2	2045.5	2028.1	1997.6	1988.9	1997.6
-37.5°	2263.1	2180.4	2145.6	2123.8	2110.8	2102.0	2089.0	2075.9	2062.9	2054.2	2067.2
-40°	2258.7	2237.0	2215.2	2197.8	2184.7	2167.3	2158.6	2154.3	2141.2	2132.5	2123.8
-42.5°	2250.0	2258.7	2258.7	2254.4	2258.7	2254.4	2241.3	2223.9	2202.1	2184.7	2167.3
-45°	2315.3	2319.6	2328.4	2337.1	2350.1	2332.7	2306.6	2276.1	2245.7	2219.6	2197.8
-47.5°	2354.5	2358.8	2367.5	2380.6	2389.3	2371.9	2337.1	2297.9	2250.0	2206.5	2163.0
-50°	2367.5	2380.6	2384.9	2384.9	2380.6	2358.8	2306.6	2250.0	2197.8	2154.3	2115.1
-52.5°	2306.6	2319.6	2324.0	2315.3	2310.9	2289.2	2241.3	2189.1	2132.5	2102.0	2067.2
-55°	2206.5	2223.9	2237.0	2237.0	2237.0	2232.6	2189.1	2141.2	2097.7	2062.9	2028.1
-57.5°	2167.3	2197.8	2223.9	2228.3	2232.6	2237.0	2206.5	2158.6	2106.4	2054.2	2010.7
-60°	2310.9	2337.1	2350.1	2332.7	2319.6	2306.6	2258.7	2202.1	2149.9	2097.7	2015.0
-62.5°	2271.8	2315.3	2337.1	2324.0	2306.6	2284.8	2232.6	2167.3	2106.4	2049.8	1967.1
-65°	2145.6	2184.7	2210.8	2189.1	2163.0	2132.5	2084.6	2023.7	1967.1	1910.6	1836.6
-67.5°	1932.3	1988.9	2032.4	1984.5	1949.7	1910.6	1871.4	1819.2	1762.6	1697.3	1627.7
-70°	1597.2	1640.7	1679.9	1666.8	1658.1	1649.4	1623.3	1571.1	1523.2	1471.0	1410.1
-72.5°	1283.9	1323.0	1357.8	1336.1	1318.7	1292.6	1253.4	1196.8	1140.2	1083.7	1027.1
-75°	709.4	722.4	735.5	731.1	731.1	731.1	731.1	735.5	726.8	713.7	687.6
-77.5°	544.0	561.4	574.5	583.2	596.2	613.6	626.7	604.9	583.2	561.4	535.3
-80°	426.5	443.9	457.0	504.8	539.7	578.8	604.9	574.5	544.0	517.9	496.1
-82.5°	322.1	335.1	348.2	374.3	391.7	413.4	430.9	430.9	426.5	422.2	409.1
-85°	235.0	252.4	269.8	278.5	291.6	291.6	295.9	278.5	261.1	248.1	230.7
-87.5°	134.9	139.3	139.3	139.3	143.6	143.6	143.6	134.9	130.6	121.9	117.5
-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°	4.4	4.4	4.4	8.7	8.7	13.1	13.1	17.4	17.4	21.8	21.8
85°	26.1	26.1	26.1	30.5	30.5	34.8	39.2	43.5	47.9	47.9	52.2
82.5°	43.5	47.9	52.2	56.6	60.9	65.3	69.6	74.0	87.0	95.7	100.1
80°	43.5	47.9	60.9	69.6	78.3	87.0	87.0	87.0	87.0	91.4	100.1
77.5°	30.5	34.8	39.2	47.9	69.6	87.0	100.1	108.8	100.1	95.7	87.0
75°	17.4	21.8	26.1	30.5	43.5	60.9	82.7	104.4	121.9	117.5	108.8
72.5°	17.4	17.4	21.8	26.1	30.5	34.8	39.2	60.9	87.0	108.8	121.9
70°	17.4	21.8	21.8	26.1	30.5	34.8	39.2	47.9	60.9	87.0	113.2
67.5°	17.4	21.8	21.8	30.5	39.2	43.5	47.9	43.5	39.2	56.6	82.7
65°	17.4	17.4	21.8	26.1	30.5	34.8	47.9	47.9	43.5	43.5	43.5
62.5°	26.1	26.1	26.1	26.1	30.5	30.5	30.5	39.2	39.2	39.2	39.2
60°	52.2	47.9	47.9	47.9	47.9	39.2	39.2	39.2	34.8	39.2	34.8
57.5°	126.2	104.4	95.7	95.7	82.7	78.3	65.3	47.9	47.9	39.2	39.2
55°	256.8	243.7	204.5	169.7	152.3	134.9	104.4	87.0	65.3	52.2	47.9
52.5°	396.0	361.2	326.4	282.9	239.4	204.5	174.1	134.9	108.8	78.3	60.9
50°	517.9	487.4	448.3	400.4	343.8	300.3	256.8	204.5	161.0	121.9	87.0
47.5°	705.0	644.1	596.2	539.7	474.4	413.4	356.9	295.9	226.3	178.4	134.9
45°	905.2	818.2	752.9	700.7	613.6	531.0	465.7	400.4	317.7	235.0	182.8
42.5°	1044.5	979.2	892.2	822.5	744.2	657.2	570.1	500.5	413.4	317.7	235.0
40°	1118.5	1075.0	1005.3	944.4	861.7	766.0	674.6	604.9	513.5	409.1	295.9
37.5°	1175.1	1153.3	1118.5	1070.6	992.3	879.1	787.7	705.0	626.7	504.8	383.0
35°	1240.3	1236.0	1214.2	1192.5	1127.2	1018.4	909.6	813.8	718.1	604.9	470.0
32.5°	1301.3	1296.9	1283.9	1275.2	1249.0	1153.3	1035.8	927.0	818.2	700.7	552.7
30°	1331.7	1323.0	1323.0	1331.7	1305.6	1244.7	1157.6	1040.1	918.3	779.0	639.8
27.5°	1331.7	1323.0	1327.4	1340.4	1336.1	1305.6	1240.3	1144.6	1009.7	853.0	718.1
25°	1275.2	1318.7	1318.7	1336.1	1340.4	1331.7	1296.9	1236.0	1096.7	931.3	779.0
22.5°	1196.8	1301.3	1340.4	1336.1	1340.4	1362.2	1366.5	1310.0	1179.4	1009.7	839.9
20°	1196.8	1270.8	1384.0	1353.5	1362.2	1410.1	1431.8	1384.0	1266.5	1083.7	900.9
17.5°	1222.9	1270.8	1366.5	1414.4	1427.5	1466.6	1501.5	1471.0	1344.8	1162.0	983.6
15°	1296.9	1288.2	1353.5	1471.0	1492.8	1523.2	1562.4	1527.6	1414.4	1249.0	1061.9
12.5°	1349.1	1301.3	1353.5	1479.7	1549.3	1579.8	1592.9	1566.7	1475.3	1327.4	1140.2
10°	1418.8	1336.1	1362.2	1471.0	1571.1	1592.9	1605.9	1597.2	1531.9	1392.7	1209.9
7.5°	1471.0	1353.5	1353.5	1457.9	1592.9	1610.3	1619.0	1627.7	1579.8	1449.2	1270.8
5°	1492.8	1353.5	1344.8	1444.9	1614.6	1632.0	1632.0	1645.1	1614.6	1492.8	1314.3
2.5°	1497.1	1349.1	1336.1	1436.2	1653.8	1653.8	1645.1	1658.1	1640.7	1518.9	1344.8
0°	1518.9	1344.8	1331.7	1449.2	1697.3	1679.9	1658.1	1662.5	1653.8	1531.9	1362.2
-2.5°	1518.9	1366.5	1349.1	1457.9	1693.0	1688.6	1679.9	1684.2	1675.5	1571.1	1397.0
-5°	1540.6	1397.0	1379.6	1497.1	1688.6	1701.7	1706.0	1706.0	1693.0	1597.2	1418.8
-7.5°	1545.0	1418.8	1414.4	1536.3	1697.3	1719.1	1732.1	1740.8	1714.7	1614.6	1436.2
-10°	1523.2	1427.5	1449.2	1584.2	1706.0	1736.5	1762.6	1775.6	1732.1	1623.3	1444.9
-12.5°	1475.3	1427.5	1484.1	1645.1	1727.8	1762.6	1801.8	1806.1	1749.5	1627.7	1449.2
-15°	1471.0	1462.3	1545.0	1706.0	1740.8	1784.3	1845.3	1832.2	1762.6	1627.7	1449.2
-17.5°	1466.6	1510.2	1636.4	1727.8	1762.6	1810.5	1858.3	1845.3	1771.3	1627.7	1440.5
-20°	1505.8	1588.5	1745.2	1749.5	1788.7	1840.9	1867.0	1840.9	1758.2	1614.6	1427.5

REPORT NUMBER: P723741

CATALOG NUMBER: IFLD-L-SA7B-740-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°	1571.1	1727.8	1780.0	1797.4	1832.2	1871.4	1884.4	1845.3	1745.2	1592.9	1405.7
-25°	1736.5	1814.8	1814.8	1854.0	1888.8	1906.2	1893.1	1849.6	1727.8	1571.1	1384.0
-27.5°	1862.7	1858.3	1880.1	1919.3	1949.7	1949.7	1914.9	1827.9	1701.7	1549.3	1353.5
-30°	1910.6	1914.9	1945.4	1988.9	1997.6	1975.8	1923.6	1810.5	1679.9	1514.5	1314.3
-32.5°	1958.4	1975.8	2015.0	2036.8	2041.1	1997.6	1901.9	1780.0	1645.1	1475.3	1270.8
-35°	2015.0	2049.8	2071.6	2075.9	2054.2	1980.2	1871.4	1740.8	1592.9	1418.8	1231.6
-37.5°	2089.0	2106.4	2119.5	2102.0	2041.1	1954.1	1819.2	1688.6	1545.0	1357.8	1175.1
-40°	2136.9	2145.6	2149.9	2093.3	2019.4	1893.1	1762.6	1627.7	1462.3	1288.2	1114.1
-42.5°	2167.3	2158.6	2123.8	2062.9	1954.1	1832.2	1706.0	1553.7	1388.3	1218.6	1048.8
-45°	2158.6	2128.2	2075.9	2001.9	1888.8	1766.9	1619.0	1466.6	1310.0	1144.6	974.9
-47.5°	2123.8	2075.9	2010.7	1923.6	1819.2	1671.2	1523.2	1375.3	1222.9	1061.9	905.2
-50°	2080.3	2023.7	1945.4	1836.6	1697.3	1562.4	1427.5	1283.9	1127.2	979.2	839.9
-52.5°	2032.4	1971.5	1871.4	1749.5	1597.2	1457.9	1327.4	1188.1	1044.5	905.2	783.4
-55°	1980.2	1919.3	1806.1	1666.8	1514.5	1362.2	1236.0	1118.5	979.2	844.3	735.5
-57.5°	1954.1	1875.7	1758.2	1619.0	1457.9	1301.3	1192.5	1066.3	940.0	800.8	696.3
-60°	1932.3	1854.0	1745.2	1584.2	1431.8	1283.9	1157.6	1035.8	900.9	770.3	665.9
-62.5°	1871.4	1788.7	1688.6	1531.9	1384.0	1249.0	1135.9	992.3	861.7	739.9	644.1
-65°	1749.5	1662.5	1575.4	1436.2	1301.3	1175.1	1061.9	931.3	809.5	705.0	622.3
-67.5°	1558.0	1484.1	1405.7	1288.2	1175.1	1061.9	957.5	844.3	744.2	670.2	626.7
-70°	1344.8	1266.5	1188.1	1092.4	996.6	905.2	822.5	739.9	674.6	635.4	600.6
-72.5°	979.2	944.4	905.2	831.2	752.9	696.3	657.2	622.3	574.5	539.7	517.9
-75°	652.8	604.9	544.0	517.9	522.2	513.5	491.8	465.7	443.9	430.9	400.4
-77.5°	509.2	483.1	452.6	422.2	409.1	396.0	378.6	356.9	339.5	309.0	265.5
-80°	470.0	448.3	426.5	404.7	383.0	352.5	317.7	282.9	265.5	252.4	248.1
-82.5°	387.3	361.2	335.1	313.3	282.9	261.1	239.4	222.0	222.0	217.6	213.3
-85°	222.0	213.3	200.2	191.5	182.8	169.7	156.7	148.0	143.6	139.3	134.9
-87.5°	113.2	108.8	100.1	95.7	91.4	87.0	78.3	74.0	69.6	69.6	65.3
-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-SA7B-740-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°	21.8	21.8	17.4	17.4	17.4	13.1	8.7	8.7	4.4	4.4	0.0
85°	52.2	43.5	39.2	34.8	34.8	26.1	17.4	13.1	8.7	4.4	4.4
82.5°	100.1	87.0	74.0	65.3	52.2	39.2	30.5	21.8	13.1	8.7	4.4
80°	113.2	113.2	108.8	91.4	74.0	56.6	39.2	26.1	17.4	13.1	8.7
77.5°	87.0	95.7	95.7	95.7	91.4	69.6	47.9	30.5	17.4	13.1	8.7
75°	100.1	87.0	82.7	87.0	82.7	69.6	56.6	34.8	21.8	17.4	8.7
72.5°	121.9	104.4	91.4	87.0	78.3	65.3	52.2	39.2	21.8	17.4	13.1
70°	113.2	108.8	100.1	91.4	78.3	65.3	52.2	39.2	26.1	17.4	13.1
67.5°	100.1	100.1	100.1	91.4	78.3	60.9	47.9	34.8	26.1	17.4	13.1
65°	69.6	82.7	91.4	87.0	78.3	60.9	47.9	34.8	26.1	21.8	13.1
62.5°	43.5	56.6	74.0	82.7	74.0	60.9	43.5	34.8	26.1	21.8	13.1
60°	39.2	43.5	52.2	65.3	69.6	56.6	43.5	30.5	26.1	21.8	13.1
57.5°	39.2	39.2	43.5	52.2	56.6	52.2	39.2	26.1	26.1	21.8	17.4
55°	43.5	39.2	39.2	43.5	47.9	47.9	39.2	26.1	26.1	21.8	17.4
52.5°	52.2	43.5	39.2	39.2	39.2	43.5	34.8	26.1	26.1	21.8	17.4
50°	65.3	52.2	47.9	39.2	39.2	39.2	34.8	26.1	21.8	21.8	17.4
47.5°	87.0	69.6	52.2	47.9	39.2	34.8	30.5	26.1	21.8	21.8	17.4
45°	130.6	82.7	69.6	52.2	43.5	39.2	34.8	26.1	21.8	21.8	17.4
42.5°	178.4	121.9	87.0	60.9	47.9	39.2	34.8	30.5	21.8	21.8	17.4
40°	226.3	165.4	108.8	78.3	56.6	43.5	34.8	30.5	26.1	21.8	17.4
37.5°	278.5	204.5	143.6	100.1	65.3	47.9	39.2	30.5	26.1	21.8	17.4
35°	343.8	256.8	178.4	121.9	78.3	56.6	43.5	30.5	26.1	21.8	17.4
32.5°	417.8	304.6	213.3	148.0	100.1	69.6	47.9	34.8	26.1	21.8	17.4
30°	487.4	361.2	252.4	178.4	121.9	78.3	52.2	34.8	26.1	21.8	13.1
27.5°	557.1	417.8	300.3	208.9	148.0	91.4	56.6	39.2	26.1	21.8	17.4
25°	626.7	474.4	348.2	239.4	169.7	108.8	69.6	43.5	26.1	21.8	17.4
22.5°	687.6	531.0	391.7	274.2	195.8	126.2	78.3	47.9	30.5	21.8	17.4
20°	757.3	591.9	439.6	313.3	217.6	143.6	87.0	52.2	30.5	21.8	17.4
17.5°	822.5	652.8	487.4	348.2	243.7	161.0	100.1	56.6	34.8	21.8	17.4
15°	887.8	709.4	531.0	383.0	269.8	178.4	108.8	60.9	39.2	21.8	17.4
12.5°	948.7	761.6	570.1	413.4	291.6	195.8	117.5	65.3	43.5	21.8	17.4
10°	1005.3	809.5	609.3	439.6	313.3	208.9	126.2	74.0	47.9	21.8	17.4
7.5°	1061.9	848.7	639.8	465.7	339.5	226.3	134.9	78.3	52.2	26.1	17.4
5°	1096.7	883.5	665.9	487.4	361.2	243.7	143.6	82.7	56.6	26.1	17.4
2.5°	1127.2	909.6	683.3	509.2	383.0	256.8	143.6	87.0	60.9	26.1	17.4
0°	1144.6	927.0	696.3	522.2	400.4	265.5	148.0	91.4	65.3	26.1	17.4
-2.5°	1183.8	957.5	726.8	539.7	417.8	291.6	156.7	95.7	69.6	30.5	17.4
-5°	1209.9	974.9	748.6	557.1	430.9	317.7	169.7	104.4	78.3	39.2	21.8
-7.5°	1231.6	992.3	766.0	565.8	443.9	326.4	174.1	108.8	82.7	43.5	21.8
-10°	1236.0	1001.0	779.0	578.8	452.6	339.5	178.4	113.2	87.0	47.9	21.8
-12.5°	1240.3	1009.7	783.4	587.5	461.3	348.2	182.8	117.5	91.4	52.2	21.8
-15°	1236.0	1005.3	783.4	596.2	465.7	339.5	191.5	121.9	95.7	56.6	21.8
-17.5°	1227.3	1001.0	779.0	591.9	461.3	330.8	195.8	130.6	95.7	60.9	26.1
-20°	1214.2	987.9	770.3	587.5	457.0	322.1	200.2	134.9	100.1	60.9	26.1

REPORT NUMBER: P723741

CATALOG NUMBER: IFLD-L-SA7B-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1192.5	966.2	752.9	574.5	448.3	313.3	200.2	143.6	104.4	60.9	26.1
-25°	1166.4	944.4	735.5	557.1	435.2	300.3	200.2	148.0	108.8	60.9	26.1
-27.5°	1135.9	922.6	709.4	544.0	417.8	291.6	200.2	152.3	113.2	60.9	26.1
-30°	1101.1	892.2	687.6	522.2	404.7	291.6	204.5	156.7	117.5	60.9	26.1
-32.5°	1066.3	861.7	661.5	504.8	387.3	287.2	204.5	161.0	121.9	56.6	30.5
-35°	1027.1	826.9	639.8	491.8	374.3	278.5	208.9	161.0	117.5	56.6	30.5
-37.5°	979.2	783.4	618.0	478.7	365.6	269.8	208.9	165.4	113.2	56.6	30.5
-40°	927.0	748.6	591.9	461.3	352.5	265.5	208.9	165.4	108.8	56.6	34.8
-42.5°	870.4	709.4	565.8	443.9	339.5	261.1	208.9	165.4	104.4	56.6	34.8
-45°	818.2	670.2	535.3	422.2	326.4	261.1	208.9	161.0	95.7	60.9	34.8
-47.5°	761.6	626.7	500.5	400.4	322.1	256.8	204.5	152.3	87.0	60.9	34.8
-50°	713.7	583.2	474.4	378.6	313.3	261.1	208.9	139.3	87.0	60.9	34.8
-52.5°	665.9	552.7	443.9	369.9	304.6	265.5	204.5	130.6	87.0	60.9	34.8
-55°	626.7	522.2	426.5	356.9	313.3	274.2	195.8	117.5	87.0	60.9	34.8
-57.5°	596.2	504.8	413.4	361.2	326.4	265.5	182.8	113.2	87.0	56.6	34.8
-60°	574.5	487.4	417.8	378.6	330.8	252.4	174.1	113.2	87.0	56.6	30.5
-62.5°	557.1	491.8	439.6	391.7	313.3	235.0	165.4	113.2	78.3	52.2	30.5
-65°	561.4	509.2	448.3	374.3	300.3	217.6	152.3	108.8	74.0	47.9	30.5
-67.5°	574.5	496.1	422.2	352.5	269.8	195.8	139.3	100.1	69.6	47.9	30.5
-70°	531.0	457.0	383.0	300.3	230.7	169.7	130.6	91.4	60.9	43.5	30.5
-72.5°	478.7	383.0	304.6	243.7	195.8	156.7	117.5	82.7	56.6	39.2	26.1
-75°	348.2	278.5	226.3	204.5	174.1	139.3	104.4	74.0	52.2	39.2	26.1
-77.5°	248.1	230.7	208.9	187.1	156.7	121.9	91.4	69.6	47.9	34.8	21.8
-80°	243.7	222.0	195.8	161.0	130.6	104.4	78.3	60.9	43.5	30.5	17.4
-82.5°	204.5	174.1	148.0	121.9	100.1	82.7	65.3	47.9	34.8	21.8	13.1
-85°	126.2	108.8	95.7	82.7	69.6	56.6	43.5	30.5	21.8	13.1	8.7
-87.5°	60.9	56.6	47.9	39.2	34.8	26.1	21.8	17.4	13.1	8.7	4.4
-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: P723741

CATALOG NUMBER: IFLD-L-SA7B-740-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°	4.4	0.0	0.0	0.0
80°	4.4	0.0	0.0	0.0
77.5°	4.4	0.0	0.0	0.0
75°	4.4	4.4	0.0	0.0
72.5°	4.4	4.4	0.0	0.0
70°	8.7	4.4	4.4	0.0
67.5°	8.7	4.4	4.4	0.0
65°	8.7	4.4	4.4	0.0
62.5°	8.7	4.4	4.4	0.0
60°	8.7	4.4	4.4	0.0
57.5°	8.7	4.4	4.4	0.0
55°	8.7	4.4	4.4	0.0
52.5°	8.7	4.4	4.4	0.0
50°	8.7	4.4	4.4	0.0
47.5°	8.7	8.7	4.4	0.0
45°	8.7	8.7	4.4	0.0
42.5°	8.7	8.7	4.4	0.0
40°	8.7	8.7	4.4	0.0
37.5°	8.7	8.7	4.4	0.0
35°	8.7	8.7	4.4	0.0
32.5°	13.1	8.7	4.4	0.0
30°	13.1	8.7	8.7	0.0
27.5°	13.1	8.7	8.7	0.0
25°	13.1	8.7	8.7	0.0
22.5°	13.1	8.7	8.7	0.0
20°	13.1	8.7	8.7	0.0
17.5°	13.1	8.7	8.7	0.0
15°	13.1	8.7	8.7	0.0
12.5°	13.1	8.7	8.7	0.0
10°	13.1	8.7	8.7	0.0
7.5°	13.1	8.7	8.7	0.0
5°	13.1	8.7	8.7	0.0
2.5°	13.1	8.7	8.7	0.0
0°	13.1	8.7	8.7	0.0
-2.5°	13.1	8.7	8.7	0.0
-5°	13.1	8.7	8.7	0.0
-7.5°	13.1	8.7	8.7	0.0
-10°	13.1	8.7	8.7	0.0
-12.5°	17.4	8.7	8.7	0.0
-15°	17.4	8.7	8.7	0.0
-17.5°	17.4	8.7	8.7	0.0
-20°	17.4	8.7	8.7	0.0

REPORT NUMBER: P723741

CATALOG NUMBER: IFLD-L-SA7B-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	17.4	8.7	8.7	0.0
-25°	17.4	8.7	8.7	0.0
-27.5°	17.4	8.7	8.7	0.0
-30°	17.4	8.7	8.7	0.0
-32.5°	17.4	8.7	8.7	0.0
-35°	17.4	8.7	8.7	0.0
-37.5°	17.4	8.7	8.7	0.0
-40°	17.4	8.7	8.7	0.0
-42.5°	13.1	8.7	4.4	0.0
-45°	17.4	8.7	4.4	0.0
-47.5°	17.4	8.7	4.4	0.0
-50°	17.4	8.7	4.4	0.0
-52.5°	17.4	8.7	4.4	0.0
-55°	17.4	8.7	4.4	0.0
-57.5°	17.4	8.7	4.4	0.0
-60°	17.4	8.7	4.4	0.0
-62.5°	17.4	8.7	4.4	0.0
-65°	17.4	8.7	4.4	0.0
-67.5°	17.4	8.7	4.4	0.0
-70°	17.4	4.4	4.4	0.0
-72.5°	13.1	4.4	4.4	0.0
-75°	13.1	4.4	4.4	0.0
-77.5°	8.7	4.4	0.0	0.0
-80°	8.7	4.4	0.0	0.0
-82.5°	8.7	4.4	0.0	0.0
-85°	4.4	0.0	0.0	0.0
-87.5°	4.4	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)