

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: P723831

Luminaire Tested: **IFLD-L-SA7E-827-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723831
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7E-827-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (112) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	21968.3 lumens	Max Intensity:	516836.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	41.2 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:	7966.6 lumens	Field Lumens:	12700.3 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

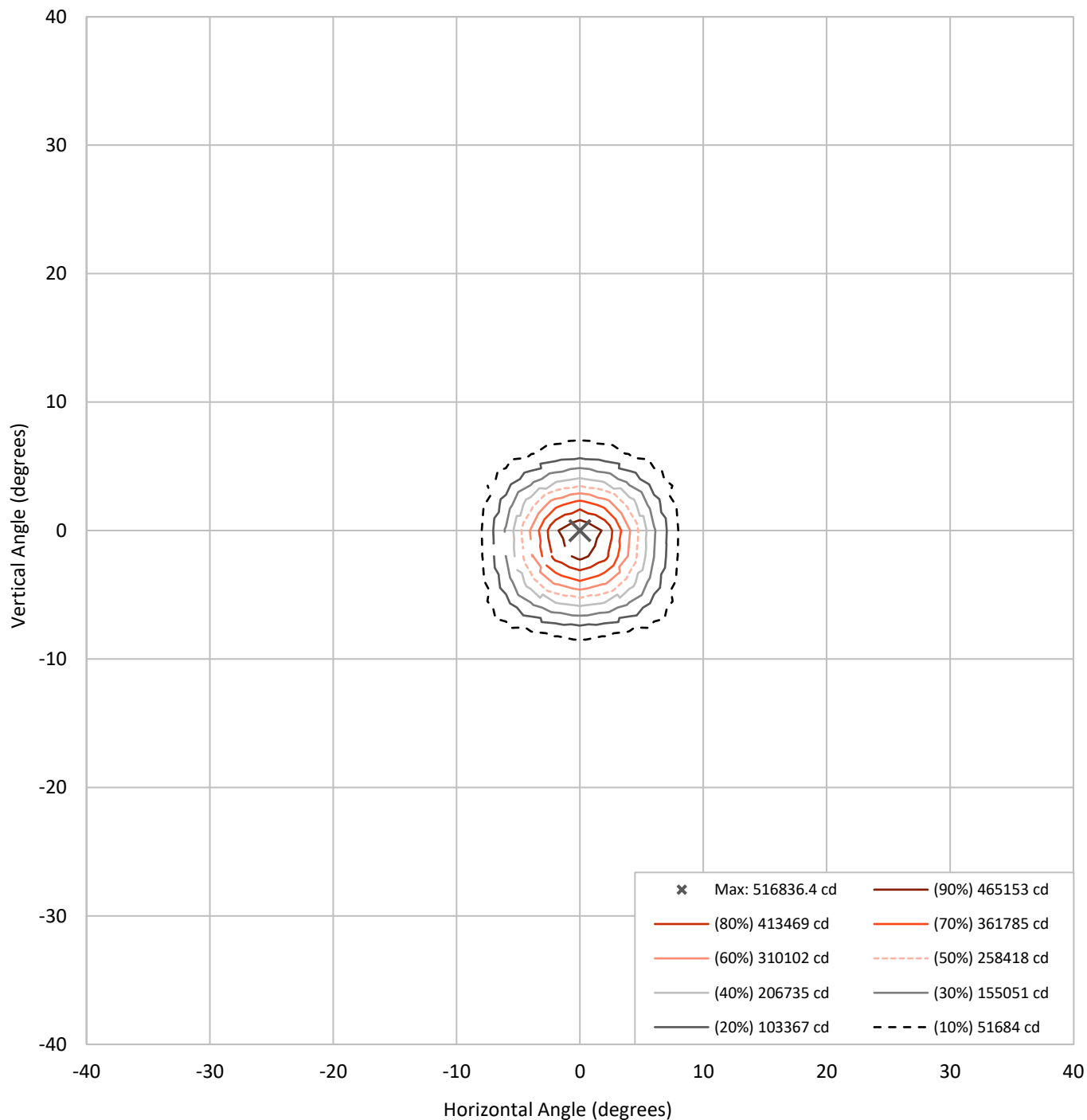
Input Watts (W): 532.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P723831

CATALOG NUMBER: IFLD-L-SA7E-827-U-11-VI

Iso-Candela Plot



REPORT NUMBER: P723831

CATALOG NUMBER: IFLD-L-SA7E-827-U-11-VI

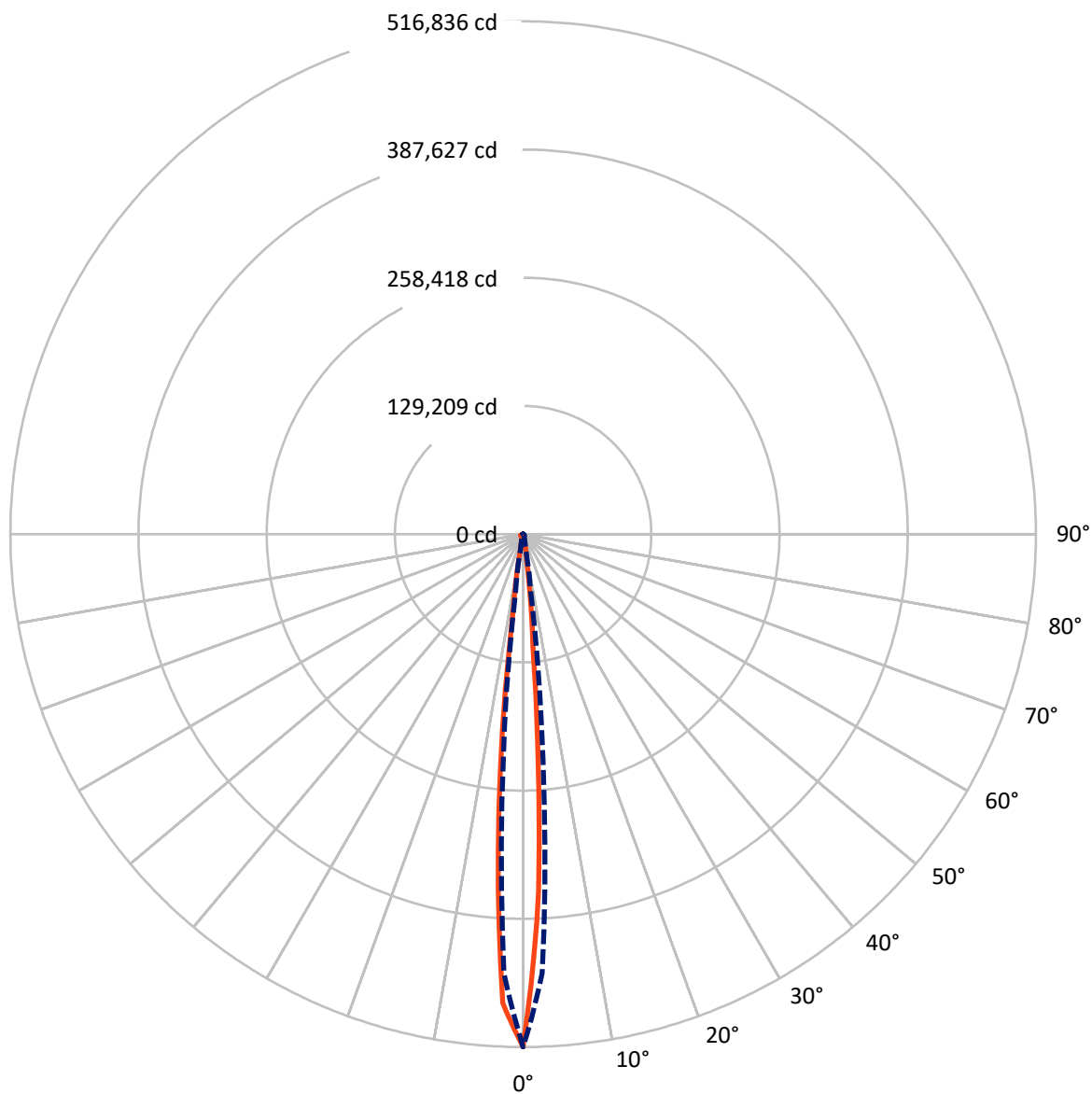
Lumen Table

90																			
80	0.4		4.9		5.3		2.0		0.6		2.0		5.3		4.9		0.4		
70	0.6		1.1	1.4	1.1	0.9	0.7	0.6	0.3	0.3	0.6	0.7	0.9	1.1	1.4	1.1	0.6		
60			0.7	1.0	2.6	5.7	9.3	11.9	13.6	13.6	11.9	9.3	5.7	2.6	1.0	0.7			
50	0.6		0.7	3.0	10.0	19.7	28.8	34.7	38.4	38.4	34.7	28.8	19.7	10.0	3.0	0.7	0.6		
40			1.5	7.6	20.5	33.4	39.2	42.4	43.9	43.9	42.4	39.2	33.4	20.5	7.6	1.5			
30	0.9		2.9	13.0	29.9	38.7	39.9	47.0	56.6	56.6	47.0	39.9	38.7	29.9	13.0	2.9	0.9		
20			4.5	18.3	36.7	41.3	46.6	81.8	139.4	139.4	81.8	46.6	41.3	36.7	18.3	4.5			
10	1.5		5.8	22.4	40.4	42.8	57.5	155.6	2883.9	2883.9	155.6	57.5	42.8	40.4	22.4	5.8	1.5		
0			6.8	24.5	42.4	44.4	59.4	167.6	4205.0	4205.0	167.6	59.4	44.4	42.4	24.5	6.8			
-10	2.1		7.3	25.2	44.7	48.0	53.6	97.5	187.0	187.0	97.5	53.6	48.0	44.7	25.2	7.3	2.1		
-20			6.8	23.9	45.2	53.9	54.0	63.1	77.0	77.0	63.1	54.0	53.9	45.2	23.9	6.8			
-30	2.3		6.1	21.1	43.2	59.3	64.6	67.3	67.8	67.8	67.3	64.6	59.3	43.2	21.1	6.1	2.3		
-40			5.3	17.0	36.7	57.2	69.5	77.9	81.7	81.7	77.9	69.5	57.2	36.7	17.0	5.3			
-50	1.8		4.8	13.1	28.5	48.8	65.5	76.1	80.5	80.5	76.1	65.5	48.8	28.5	13.1	4.8	1.8		
-60			4.5	11.6	23.2	40.7	57.3	69.3	74.9	74.9	69.3	57.3	40.7	23.2	11.6	4.5			
-70	0.8																0.8		
-80			13.6		40.5		75.0		82.8		75.0		40.5		13.6				
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
	Horizontal Angle (degrees)																		

REPORT NUMBER: P723831

CATALOG NUMBER: IFLD-L-SA7E-827-U-11-VI

Luminous Intensity Polar Plot



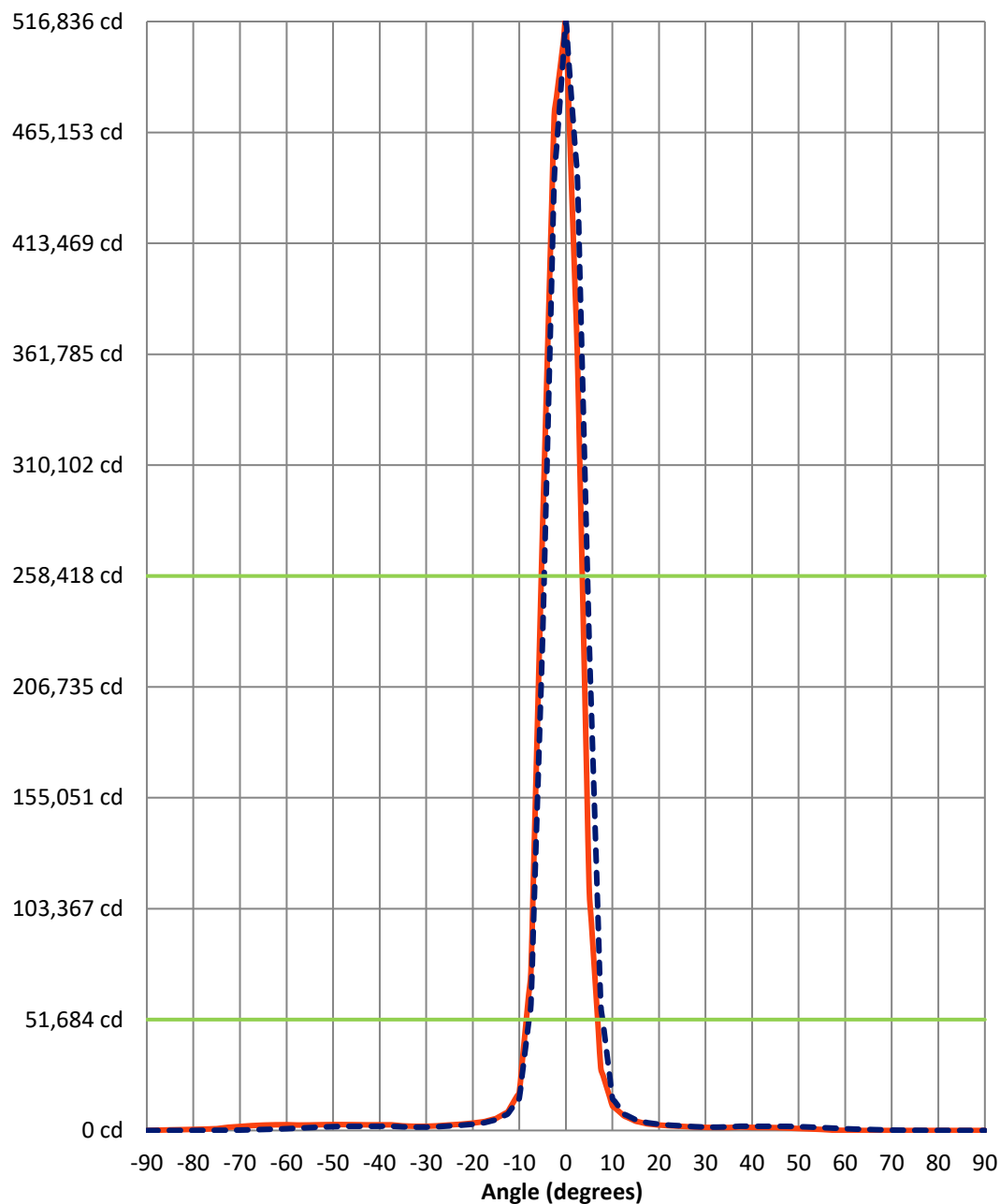
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P723831

CATALOG NUMBER: IFLD-L-SA7E-827-U-11-VI

Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 7966.6

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 12700.3

Efficiency: 57.8%

Spill:

Lumens: 9268

Efficiency: 42.2%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg

REPORT NUMBER: P723831

CATALOG NUMBER: IFLD-L-SA7E-827-U-11-VI

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	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
85°	0.0	5.1	5.1	10.1	10.1	10.1	15.2	20.3	25.4	25.4	30.4
82.5°	0.0	5.1	5.1	10.1	10.1	15.2	15.2	25.4	30.4	35.5	45.6
80°	5.1	5.1	5.1	10.1	10.1	15.2	15.2	20.3	25.4	35.5	40.6
77.5°	0.0	5.1	5.1	5.1	10.1	10.1	10.1	15.2	20.3	25.4	30.4
75°	0.0	5.1	5.1	5.1	10.1	10.1	10.1	10.1	15.2	15.2	20.3
72.5°	0.0	0.0	0.0	5.1	5.1	10.1	10.1	10.1	15.2	15.2	15.2
70°	0.0	0.0	0.0	5.1	5.1	10.1	10.1	10.1	15.2	15.2	15.2
67.5°	0.0	0.0	0.0	5.1	5.1	10.1	10.1	10.1	15.2	15.2	15.2
65°	0.0	0.0	0.0	5.1	5.1	10.1	10.1	15.2	15.2	15.2	15.2
62.5°	5.1	5.1	5.1	10.1	15.2	15.2	20.3	25.4	25.4	25.4	25.4
60°	50.7	55.8	60.9	60.9	55.8	55.8	60.9	60.9	60.9	60.9	60.9
57.5°	136.9	147.1	152.1	152.1	152.1	147.1	167.4	172.4	152.1	142.0	157.2
55°	476.7	491.9	481.8	466.6	436.1	400.6	390.5	385.4	390.5	365.1	324.6
52.5°	694.8	710.0	704.9	694.8	674.5	649.1	628.8	608.6	588.3	547.7	502.1
50°	902.7	907.8	902.7	892.5	872.3	846.9	806.3	760.7	720.1	710.0	669.4
47.5°	1136.0	1151.2	1151.2	1146.1	1130.9	1085.3	1024.4	958.5	928.0	917.9	877.3
45°	1343.9	1354.0	1359.1	1364.2	1359.1	1313.5	1257.7	1222.2	1156.3	1136.0	1136.0
42.5°	1399.7	1404.7	1409.8	1414.9	1430.1	1394.6	1349.0	1288.1	1272.9	1267.8	1257.7
40°	1420.0	1409.8	1414.9	1420.0	1425.0	1399.7	1364.2	1328.7	1318.5	1308.4	1308.4
37.5°	1612.7	1567.0	1531.5	1501.1	1475.7	1450.4	1414.9	1384.5	1359.1	1338.8	1359.1
35°	1374.3	1374.3	1409.8	1440.2	1470.7	1501.1	1506.2	1470.7	1414.9	1389.5	1425.0
32.5°	1404.7	1404.7	1404.7	1414.9	1425.0	1450.4	1475.7	1491.0	1531.5	1485.9	1485.9
30°	1435.2	1440.2	1450.4	1455.5	1440.2	1430.1	1420.0	1420.0	1445.3	1511.2	1546.7
27.5°	1612.7	1612.7	1597.5	1577.2	1531.5	1460.5	1425.0	1374.3	1379.4	1409.8	1496.0
25°	1901.7	1891.6	1856.1	1805.4	1724.2	1622.8	1526.5	1420.0	1374.3	1359.1	1394.6
22.5°	2175.6	2160.4	2114.7	2069.1	2003.2	1901.7	1739.5	1577.2	1435.2	1374.3	1359.1
20°	2525.5	2490.0	2439.3	2368.3	2261.8	2160.4	2018.4	1805.4	1597.5	1440.2	1379.4
17.5°	3088.4	3042.8	2946.4	2819.6	2637.1	2479.9	2277.0	2074.2	1840.9	1587.3	1450.4
15°	4320.7	4204.1	4036.8	3686.8	3326.8	3027.6	2723.3	2383.5	2145.2	1810.5	1602.5
12.5°	6795.5	6476.0	5989.2	5172.7	4366.4	3671.6	3179.7	2743.6	2358.2	2048.8	1754.7
10°	11501.7	10817.1	9473.2	7241.8	5755.9	4478.0	3595.6	3012.4	2525.5	2206.0	1881.5
7.5°	29089.0	23728.6	16791.1	11466.2	7530.9	5471.9	4112.8	3265.9	2703.0	2307.4	1982.9
5°	113374.0	93393.0	49820.4	20792.3	11329.3	6618.0	4579.4	3468.8	2819.6	2383.5	2058.9
2.5°	359813.8	310723.6	163022.0	44759.3	13910.6	7454.8	4898.9	3595.6	2885.6	2439.3	2114.7
0°	516836.4	442947.6	228791.7	58867.6	15087.1	7667.8	5000.3	3620.9	2895.7	2449.4	2114.7
-2.5°	472817.5	413807.9	221012.3	54780.2	15416.8	7728.7	5081.4	3707.1	2971.8	2495.1	2129.9
-5°	280944.9	246429.7	154172.6	39059.1	13697.6	7175.9	4868.4	3631.1	2921.1	2469.7	2119.8
-7.5°	74020.7	64080.9	42152.6	20381.6	8864.6	6070.3	4472.9	3504.3	2855.1	2424.1	2079.2
-10°	17845.9	16912.8	15107.4	9260.2	6902.0	5071.3	3965.8	3276.1	2723.3	2363.2	2013.3
-12.5°	8606.0	8403.1	7627.2	6288.4	5122.0	4214.2	3590.5	3037.7	2601.6	2256.7	1922.0
-15°	5598.7	5482.1	5218.4	4706.2	4112.8	3676.7	3240.6	2794.3	2449.4	2099.5	1846.0
-17.5°	4143.3	4138.2	4006.3	3813.6	3519.5	3194.9	2875.4	2591.4	2256.7	1957.5	1764.8
-20°	3433.3	3433.3	3357.2	3230.4	3022.5	2809.5	2596.5	2332.8	2058.9	1835.8	1754.7

REPORT NUMBER: P723831

CATALOG NUMBER: IFLD-L-SA7E-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	2916.0	2921.1	2880.5	2799.4	2687.8	2510.3	2302.4	2089.4	1891.6	1810.5	1785.1
-25°	2581.3	2571.1	2525.5	2449.4	2332.8	2190.8	2053.9	1911.9	1856.1	1835.8	1871.3
-27.5°	2185.7	2200.9	2180.7	2145.2	2069.1	1967.7	1937.2	1896.7	1906.8	1937.2	2074.2
-30°	1952.5	1967.7	1987.9	2003.2	1977.8	1952.5	1962.6	1993.0	2058.9	2175.6	2226.3
-32.5°	1952.5	1957.5	1987.9	2018.4	2033.6	2053.9	2109.7	2211.1	2307.4	2277.0	2266.9
-35°	2129.9	2114.7	2155.3	2195.9	2251.7	2322.7	2383.5	2363.2	2327.7	2317.6	2327.7
-37.5°	2637.1	2540.7	2500.2	2474.8	2459.6	2449.4	2434.2	2419.0	2403.8	2393.7	2408.9
-40°	2632.0	2606.6	2581.3	2561.0	2545.8	2525.5	2515.4	2510.3	2495.1	2484.9	2474.8
-42.5°	2621.9	2632.0	2632.0	2626.9	2632.0	2626.9	2611.7	2591.4	2566.1	2545.8	2525.5
-45°	2697.9	2703.0	2713.1	2723.3	2738.5	2718.2	2687.8	2652.3	2616.8	2586.4	2561.0
-47.5°	2743.6	2748.6	2758.8	2774.0	2784.1	2763.9	2723.3	2677.6	2621.9	2571.1	2520.4
-50°	2758.8	2774.0	2779.1	2779.1	2774.0	2748.6	2687.8	2621.9	2561.0	2510.3	2464.7
-52.5°	2687.8	2703.0	2708.1	2697.9	2692.9	2667.5	2611.7	2550.9	2484.9	2449.4	2408.9
-55°	2571.1	2591.4	2606.6	2606.6	2606.6	2601.6	2550.9	2495.1	2444.4	2403.8	2363.2
-57.5°	2525.5	2561.0	2591.4	2596.5	2601.6	2606.6	2571.1	2515.4	2454.5	2393.7	2342.9
-60°	2692.9	2723.3	2738.5	2718.2	2703.0	2687.8	2632.0	2566.1	2505.2	2444.4	2348.0
-62.5°	2647.2	2697.9	2723.3	2708.1	2687.8	2662.4	2601.6	2525.5	2454.5	2388.6	2292.2
-65°	2500.2	2545.8	2576.2	2550.9	2520.4	2484.9	2429.2	2358.2	2292.2	2226.3	2140.1
-67.5°	2251.7	2317.6	2368.3	2312.5	2271.9	2226.3	2180.7	2119.8	2053.9	1977.8	1896.7
-70°	1861.2	1911.9	1957.5	1942.3	1932.2	1922.0	1891.6	1830.7	1775.0	1714.1	1643.1
-72.5°	1496.0	1541.7	1582.2	1556.9	1536.6	1506.2	1460.5	1394.6	1328.7	1262.8	1196.8
-75°	826.6	841.8	857.0	852.0	852.0	852.0	852.0	857.0	846.9	831.7	801.3
-77.5°	633.9	654.2	669.4	679.6	694.8	715.1	730.3	704.9	679.6	654.2	623.8
-80°	497.0	517.3	532.5	588.3	628.8	674.5	704.9	669.4	633.9	603.5	578.1
-82.5°	375.3	390.5	405.7	436.1	456.4	481.8	502.1	502.1	497.0	491.9	476.7
-85°	273.9	294.1	314.4	324.6	339.8	339.8	344.8	324.6	304.3	289.1	268.8
-87.5°	157.2	162.3	162.3	162.3	167.4	167.4	167.4	157.2	152.1	142.0	136.9
-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: P723831

CATALOG NUMBER: IFLD-L-SA7E-827-U-11-VI

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°	5.1	5.1	5.1	10.1	10.1	15.2	15.2	20.3	20.3	25.4	25.4
85°	30.4	30.4	30.4	35.5	35.5	40.6	45.6	50.7	55.8	55.8	60.9
82.5°	50.7	55.8	60.9	65.9	71.0	76.1	81.1	86.2	101.4	111.6	116.6
80°	50.7	55.8	71.0	81.1	91.3	101.4	101.4	101.4	101.4	106.5	116.6
77.5°	35.5	40.6	45.6	55.8	81.1	101.4	116.6	126.8	116.6	111.6	101.4
75°	20.3	25.4	30.4	35.5	50.7	71.0	96.4	121.7	142.0	136.9	126.8
72.5°	20.3	20.3	25.4	30.4	35.5	40.6	45.6	71.0	101.4	126.8	142.0
70°	20.3	25.4	25.4	30.4	35.5	40.6	45.6	55.8	71.0	101.4	131.9
67.5°	20.3	25.4	25.4	35.5	45.6	50.7	55.8	50.7	45.6	65.9	96.4
65°	20.3	20.3	25.4	30.4	35.5	40.6	55.8	55.8	50.7	50.7	50.7
62.5°	30.4	30.4	30.4	30.4	35.5	35.5	35.5	45.6	45.6	45.6	45.6
60°	60.9	55.8	55.8	55.8	55.8	45.6	45.6	45.6	40.6	45.6	40.6
57.5°	147.1	121.7	111.6	111.6	96.4	91.3	76.1	55.8	55.8	45.6	45.6
55°	299.2	284.0	238.4	197.8	177.5	157.2	121.7	101.4	76.1	60.9	55.8
52.5°	461.5	420.9	380.3	329.6	278.9	238.4	202.9	157.2	126.8	91.3	71.0
50°	603.5	568.0	522.3	466.6	400.6	349.9	299.2	238.4	187.6	142.0	101.4
47.5°	821.6	750.6	694.8	628.8	552.8	481.8	415.8	344.8	263.7	207.9	157.2
45°	1054.8	953.4	877.3	816.5	715.1	618.7	542.6	466.6	370.2	273.9	213.0
42.5°	1217.1	1141.0	1039.6	958.5	867.2	765.8	664.3	583.2	481.8	370.2	273.9
40°	1303.3	1252.6	1171.5	1100.5	1004.1	892.5	786.1	704.9	598.4	476.7	344.8
37.5°	1369.3	1343.9	1303.3	1247.5	1156.3	1024.4	917.9	821.6	730.3	588.3	446.3
35°	1445.3	1440.2	1414.9	1389.5	1313.5	1186.7	1059.9	948.3	836.8	704.9	547.7
32.5°	1516.3	1511.2	1496.0	1485.9	1455.5	1343.9	1207.0	1080.2	953.4	816.5	644.1
30°	1551.8	1541.7	1541.7	1551.8	1521.4	1450.4	1349.0	1212.0	1070.0	907.8	745.5
27.5°	1551.8	1541.7	1546.7	1562.0	1556.9	1521.4	1445.3	1333.8	1176.5	994.0	836.8
25°	1485.9	1536.6	1536.6	1556.9	1562.0	1551.8	1511.2	1440.2	1278.0	1085.3	907.8
22.5°	1394.6	1516.3	1562.0	1556.9	1562.0	1587.3	1592.4	1526.5	1374.3	1176.5	978.8
20°	1394.6	1480.8	1612.7	1577.2	1587.3	1643.1	1668.5	1612.7	1475.7	1262.8	1049.8
17.5°	1425.0	1480.8	1592.4	1648.2	1663.4	1709.0	1749.6	1714.1	1567.0	1354.0	1146.1
15°	1511.2	1501.1	1577.2	1714.1	1739.5	1775.0	1820.6	1780.0	1648.2	1455.5	1237.4
12.5°	1572.1	1516.3	1577.2	1724.2	1805.4	1840.9	1856.1	1825.7	1719.2	1546.7	1328.7
10°	1653.2	1556.9	1587.3	1714.1	1830.7	1856.1	1871.3	1861.2	1785.1	1622.8	1409.8
7.5°	1714.1	1577.2	1577.2	1698.9	1856.1	1876.4	1886.5	1896.7	1840.9	1688.7	1480.8
5°	1739.5	1577.2	1567.0	1683.7	1881.5	1901.7	1901.7	1917.0	1881.5	1739.5	1531.5
2.5°	1744.5	1572.1	1556.9	1673.5	1927.1	1927.1	1917.0	1932.2	1911.9	1769.9	1567.0
0°	1769.9	1567.0	1551.8	1688.7	1977.8	1957.5	1932.2	1937.2	1927.1	1785.1	1587.3
-2.5°	1769.9	1592.4	1572.1	1698.9	1972.7	1967.7	1957.5	1962.6	1952.5	1830.7	1627.9
-5°	1795.2	1627.9	1607.6	1744.5	1967.7	1982.9	1987.9	1987.9	1972.7	1861.2	1653.2
-7.5°	1800.3	1653.2	1648.2	1790.2	1977.8	2003.2	2018.4	2028.5	1998.1	1881.5	1673.5
-10°	1775.0	1663.4	1688.7	1846.0	1987.9	2023.4	2053.9	2069.1	2018.4	1891.6	1683.7
-12.5°	1719.2	1663.4	1729.3	1917.0	2013.3	2053.9	2099.5	2104.6	2038.7	1896.7	1688.7
-15°	1714.1	1704.0	1800.3	1987.9	2028.5	2079.2	2150.2	2135.0	2053.9	1896.7	1688.7
-17.5°	1709.0	1759.7	1906.8	2013.3	2053.9	2109.7	2165.4	2150.2	2064.0	1896.7	1678.6
-20°	1754.7	1851.0	2033.6	2038.7	2084.3	2145.2	2175.6	2145.2	2048.8	1881.5	1663.4

REPORT NUMBER: P723831

CATALOG NUMBER: IFLD-L-SA7E-827-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°	1830.7	2013.3	2074.2	2094.4	2135.0	2180.7	2195.9	2150.2	2033.6	1856.1	1638.0
-25°	2023.4	2114.7	2114.7	2160.4	2200.9	2221.2	2206.0	2155.3	2013.3	1830.7	1612.7
-27.5°	2170.5	2165.4	2190.8	2236.4	2271.9	2271.9	2231.4	2129.9	1982.9	1805.4	1577.2
-30°	2226.3	2231.4	2266.9	2317.6	2327.7	2302.4	2241.5	2109.7	1957.5	1764.8	1531.5
-32.5°	2282.1	2302.4	2348.0	2373.4	2378.4	2327.7	2216.2	2074.2	1917.0	1719.2	1480.8
-35°	2348.0	2388.6	2413.9	2419.0	2393.7	2307.4	2180.7	2028.5	1856.1	1653.2	1435.2
-37.5°	2434.2	2454.5	2469.7	2449.4	2378.4	2277.0	2119.8	1967.7	1800.3	1582.2	1369.3
-40°	2490.0	2500.2	2505.2	2439.3	2353.1	2206.0	2053.9	1896.7	1704.0	1501.1	1298.3
-42.5°	2525.5	2515.4	2474.8	2403.8	2277.0	2135.0	1987.9	1810.5	1617.7	1420.0	1222.2
-45°	2515.4	2479.9	2419.0	2332.8	2200.9	2058.9	1886.5	1709.0	1526.5	1333.8	1136.0
-47.5°	2474.8	2419.0	2342.9	2241.5	2119.8	1947.4	1775.0	1602.5	1425.0	1237.4	1054.8
-50°	2424.1	2358.2	2266.9	2140.1	1977.8	1820.6	1663.4	1496.0	1313.5	1141.0	978.8
-52.5°	2368.3	2297.3	2180.7	2038.7	1861.2	1698.9	1546.7	1384.5	1217.1	1054.8	912.8
-55°	2307.4	2236.4	2104.6	1942.3	1764.8	1587.3	1440.2	1303.3	1141.0	983.8	857.0
-57.5°	2277.0	2185.7	2048.8	1886.5	1698.9	1516.3	1389.5	1242.5	1095.4	933.1	811.4
-60°	2251.7	2160.4	2033.6	1846.0	1668.5	1496.0	1349.0	1207.0	1049.8	897.6	775.9
-62.5°	2180.7	2084.3	1967.7	1785.1	1612.7	1455.5	1323.6	1156.3	1004.1	862.1	750.6
-65°	2038.7	1937.2	1835.8	1673.5	1516.3	1369.3	1237.4	1085.3	943.3	821.6	725.2
-67.5°	1815.5	1729.3	1638.0	1501.1	1369.3	1237.4	1115.7	983.8	867.2	781.0	730.3
-70°	1567.0	1475.7	1384.5	1272.9	1161.3	1054.8	958.5	862.1	786.1	740.4	699.8
-72.5°	1141.0	1100.5	1054.8	968.6	877.3	811.4	765.8	725.2	669.4	628.8	603.5
-75°	760.7	704.9	633.9	603.5	608.6	598.4	573.1	542.6	517.3	502.1	466.6
-77.5°	593.3	562.9	527.4	491.9	476.7	461.5	441.2	415.8	395.6	360.1	309.3
-80°	547.7	522.3	497.0	471.6	446.3	410.8	370.2	329.6	309.3	294.1	289.1
-82.5°	451.3	420.9	390.5	365.1	329.6	304.3	278.9	258.6	258.6	253.6	248.5
-85°	258.6	248.5	233.3	223.1	213.0	197.8	182.6	172.4	167.4	162.3	157.2
-87.5°	131.9	126.8	116.6	111.6	106.5	101.4	91.3	86.2	81.1	81.1	76.1
-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: P723831

CATALOG NUMBER: IFLD-L-SA7E-827-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°	25.4	25.4	20.3	20.3	20.3	15.2	10.1	10.1	5.1	5.1	0.0
85°	60.9	50.7	45.6	40.6	40.6	30.4	20.3	15.2	10.1	5.1	5.1
82.5°	116.6	101.4	86.2	76.1	60.9	45.6	35.5	25.4	15.2	10.1	5.1
80°	131.9	131.9	126.8	106.5	86.2	65.9	45.6	30.4	20.3	15.2	10.1
77.5°	101.4	111.6	111.6	111.6	106.5	81.1	55.8	35.5	20.3	15.2	10.1
75°	116.6	101.4	96.4	101.4	96.4	81.1	65.9	40.6	25.4	20.3	10.1
72.5°	142.0	121.7	106.5	101.4	91.3	76.1	60.9	45.6	25.4	20.3	15.2
70°	131.9	126.8	116.6	106.5	91.3	76.1	60.9	45.6	30.4	20.3	15.2
67.5°	116.6	116.6	116.6	106.5	91.3	71.0	55.8	40.6	30.4	20.3	15.2
65°	81.1	96.4	106.5	101.4	91.3	71.0	55.8	40.6	30.4	25.4	15.2
62.5°	50.7	65.9	86.2	96.4	86.2	71.0	50.7	40.6	30.4	25.4	15.2
60°	45.6	50.7	60.9	76.1	81.1	65.9	50.7	35.5	30.4	25.4	15.2
57.5°	45.6	45.6	50.7	60.9	65.9	60.9	45.6	30.4	30.4	25.4	20.3
55°	50.7	45.6	45.6	50.7	55.8	55.8	45.6	30.4	30.4	25.4	20.3
52.5°	60.9	50.7	45.6	45.6	45.6	50.7	40.6	30.4	30.4	25.4	20.3
50°	76.1	60.9	55.8	45.6	45.6	45.6	40.6	30.4	25.4	25.4	20.3
47.5°	101.4	81.1	60.9	55.8	45.6	40.6	35.5	30.4	25.4	25.4	20.3
45°	152.1	96.4	81.1	60.9	50.7	45.6	40.6	30.4	25.4	25.4	20.3
42.5°	207.9	142.0	101.4	71.0	55.8	45.6	40.6	35.5	25.4	25.4	20.3
40°	263.7	192.7	126.8	91.3	65.9	50.7	40.6	35.5	30.4	25.4	20.3
37.5°	324.6	238.4	167.4	116.6	76.1	55.8	45.6	35.5	30.4	25.4	20.3
35°	400.6	299.2	207.9	142.0	91.3	65.9	50.7	35.5	30.4	25.4	20.3
32.5°	486.8	355.0	248.5	172.4	116.6	81.1	55.8	40.6	30.4	25.4	20.3
30°	568.0	420.9	294.1	207.9	142.0	91.3	60.9	40.6	30.4	25.4	15.2
27.5°	649.1	486.8	349.9	243.4	172.4	106.5	65.9	45.6	30.4	25.4	20.3
25°	730.3	552.8	405.7	278.9	197.8	126.8	81.1	50.7	30.4	25.4	20.3
22.5°	801.3	618.7	456.4	319.5	228.2	147.1	91.3	55.8	35.5	25.4	20.3
20°	882.4	689.7	512.2	365.1	253.6	167.4	101.4	60.9	35.5	25.4	20.3
17.5°	958.5	760.7	568.0	405.7	284.0	187.6	116.6	65.9	40.6	25.4	20.3
15°	1034.5	826.6	618.7	446.3	314.4	207.9	126.8	71.0	45.6	25.4	20.3
12.5°	1105.5	887.5	664.3	481.8	339.8	228.2	136.9	76.1	50.7	25.4	20.3
10°	1171.5	943.3	710.0	512.2	365.1	243.4	147.1	86.2	55.8	25.4	20.3
7.5°	1237.4	988.9	745.5	542.6	395.6	263.7	157.2	91.3	60.9	30.4	20.3
5°	1278.0	1029.5	775.9	568.0	420.9	284.0	167.4	96.4	65.9	30.4	20.3
2.5°	1313.5	1059.9	796.2	593.3	446.3	299.2	167.4	101.4	71.0	30.4	20.3
0°	1333.8	1080.2	811.4	608.6	466.6	309.3	172.4	106.5	76.1	30.4	20.3
-2.5°	1379.4	1115.7	846.9	628.8	486.8	339.8	182.6	111.6	81.1	35.5	20.3
-5°	1409.8	1136.0	872.3	649.1	502.1	370.2	197.8	121.7	91.3	45.6	25.4
-7.5°	1435.2	1156.3	892.5	659.3	517.3	380.3	202.9	126.8	96.4	50.7	25.4
-10°	1440.2	1166.4	907.8	674.5	527.4	395.6	207.9	131.9	101.4	55.8	25.4
-12.5°	1445.3	1176.5	912.8	684.6	537.6	405.7	213.0	136.9	106.5	60.9	25.4
-15°	1440.2	1171.5	912.8	694.8	542.6	395.6	223.1	142.0	111.6	65.9	25.4
-17.5°	1430.1	1166.4	907.8	689.7	537.6	385.4	228.2	152.1	111.6	71.0	30.4
-20°	1414.9	1151.2	897.6	684.6	532.5	375.3	233.3	157.2	116.6	71.0	30.4

REPORT NUMBER: P723831

CATALOG NUMBER: IFLD-L-SA7E-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1389.5	1125.8	877.3	669.4	522.3	365.1	233.3	167.4	121.7	71.0	30.4
-25°	1359.1	1100.5	857.0	649.1	507.1	349.9	233.3	172.4	126.8	71.0	30.4
-27.5°	1323.6	1075.1	826.6	633.9	486.8	339.8	233.3	177.5	131.9	71.0	30.4
-30°	1283.0	1039.6	801.3	608.6	471.6	339.8	238.4	182.6	136.9	71.0	30.4
-32.5°	1242.5	1004.1	770.8	588.3	451.3	334.7	238.4	187.6	142.0	65.9	35.5
-35°	1196.8	963.5	745.5	573.1	436.1	324.6	243.4	187.6	136.9	65.9	35.5
-37.5°	1141.0	912.8	720.1	557.8	426.0	314.4	243.4	192.7	131.9	65.9	35.5
-40°	1080.2	872.3	689.7	537.6	410.8	309.3	243.4	192.7	126.8	65.9	40.6
-42.5°	1014.3	826.6	659.3	517.3	395.6	304.3	243.4	192.7	121.7	65.9	40.6
-45°	953.4	781.0	623.8	491.9	380.3	304.3	243.4	187.6	111.6	71.0	40.6
-47.5°	887.5	730.3	583.2	466.6	375.3	299.2	238.4	177.5	101.4	71.0	40.6
-50°	831.7	679.6	552.8	441.2	365.1	304.3	243.4	162.3	101.4	71.0	40.6
-52.5°	775.9	644.1	517.3	431.1	355.0	309.3	238.4	152.1	101.4	71.0	40.6
-55°	730.3	608.6	497.0	415.8	365.1	319.5	228.2	136.9	101.4	71.0	40.6
-57.5°	694.8	588.3	481.8	420.9	380.3	309.3	213.0	131.9	101.4	65.9	40.6
-60°	669.4	568.0	486.8	441.2	385.4	294.1	202.9	131.9	101.4	65.9	35.5
-62.5°	649.1	573.1	512.2	456.4	365.1	273.9	192.7	131.9	91.3	60.9	35.5
-65°	654.2	593.3	522.3	436.1	349.9	253.6	177.5	126.8	86.2	55.8	35.5
-67.5°	669.4	578.1	491.9	410.8	314.4	228.2	162.3	116.6	81.1	55.8	35.5
-70°	618.7	532.5	446.3	349.9	268.8	197.8	152.1	106.5	71.0	50.7	35.5
-72.5°	557.8	446.3	355.0	284.0	228.2	182.6	136.9	96.4	65.9	45.6	30.4
-75°	405.7	324.6	263.7	238.4	202.9	162.3	121.7	86.2	60.9	45.6	30.4
-77.5°	289.1	268.8	243.4	218.1	182.6	142.0	106.5	81.1	55.8	40.6	25.4
-80°	284.0	258.6	228.2	187.6	152.1	121.7	91.3	71.0	50.7	35.5	20.3
-82.5°	238.4	202.9	172.4	142.0	116.6	96.4	76.1	55.8	40.6	25.4	15.2
-85°	147.1	126.8	111.6	96.4	81.1	65.9	50.7	35.5	25.4	15.2	10.1
-87.5°	71.0	65.9	55.8	45.6	40.6	30.4	25.4	20.3	15.2	10.1	5.1
-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: P723831

CATALOG NUMBER: IFLD-L-SA7E-827-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°	5.1	0.0	0.0	0.0
80°	5.1	0.0	0.0	0.0
77.5°	5.1	0.0	0.0	0.0
75°	5.1	5.1	0.0	0.0
72.5°	5.1	5.1	0.0	0.0
70°	10.1	5.1	5.1	0.0
67.5°	10.1	5.1	5.1	0.0
65°	10.1	5.1	5.1	0.0
62.5°	10.1	5.1	5.1	0.0
60°	10.1	5.1	5.1	0.0
57.5°	10.1	5.1	5.1	0.0
55°	10.1	5.1	5.1	0.0
52.5°	10.1	5.1	5.1	0.0
50°	10.1	5.1	5.1	0.0
47.5°	10.1	10.1	5.1	0.0
45°	10.1	10.1	5.1	0.0
42.5°	10.1	10.1	5.1	0.0
40°	10.1	10.1	5.1	0.0
37.5°	10.1	10.1	5.1	0.0
35°	10.1	10.1	5.1	0.0
32.5°	15.2	10.1	5.1	0.0
30°	15.2	10.1	10.1	0.0
27.5°	15.2	10.1	10.1	0.0
25°	15.2	10.1	10.1	0.0
22.5°	15.2	10.1	10.1	0.0
20°	15.2	10.1	10.1	0.0
17.5°	15.2	10.1	10.1	0.0
15°	15.2	10.1	10.1	0.0
12.5°	15.2	10.1	10.1	0.0
10°	15.2	10.1	10.1	0.0
7.5°	15.2	10.1	10.1	0.0
5°	15.2	10.1	10.1	0.0
2.5°	15.2	10.1	10.1	0.0
0°	15.2	10.1	10.1	0.0
-2.5°	15.2	10.1	10.1	0.0
-5°	15.2	10.1	10.1	0.0
-7.5°	15.2	10.1	10.1	0.0
-10°	15.2	10.1	10.1	0.0
-12.5°	20.3	10.1	10.1	0.0
-15°	20.3	10.1	10.1	0.0
-17.5°	20.3	10.1	10.1	0.0
-20°	20.3	10.1	10.1	0.0



REPORT NUMBER: P723831

CATALOG NUMBER: IFLD-L-SA7E-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	20.3	10.1	10.1	0.0
-25°	20.3	10.1	10.1	0.0
-27.5°	20.3	10.1	10.1	0.0
-30°	20.3	10.1	10.1	0.0
-32.5°	20.3	10.1	10.1	0.0
-35°	20.3	10.1	10.1	0.0
-37.5°	20.3	10.1	10.1	0.0
-40°	20.3	10.1	10.1	0.0
-42.5°	15.2	10.1	5.1	0.0
-45°	20.3	10.1	5.1	0.0
-47.5°	20.3	10.1	5.1	0.0
-50°	20.3	10.1	5.1	0.0
-52.5°	20.3	10.1	5.1	0.0
-55°	20.3	10.1	5.1	0.0
-57.5°	20.3	10.1	5.1	0.0
-60°	20.3	10.1	5.1	0.0
-62.5°	20.3	10.1	5.1	0.0
-65°	20.3	10.1	5.1	0.0
-67.5°	20.3	10.1	5.1	0.0
-70°	20.3	5.1	5.1	0.0
-72.5°	15.2	5.1	5.1	0.0
-75°	15.2	5.1	5.1	0.0
-77.5°	10.1	5.1	0.0	0.0
-80°	10.1	5.1	0.0	0.0
-82.5°	10.1	5.1	0.0	0.0
-85°	5.1	0.0	0.0	0.0
-87.5°	5.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)