

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: P723862

Luminaire Tested: **IFLD-L-SA8B-830-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723862
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8B-830-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (128) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	17120 lumens	Max Intensity:	402773.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	53.5 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:	6208.4 lumens	Field Lumens:	9897.4 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

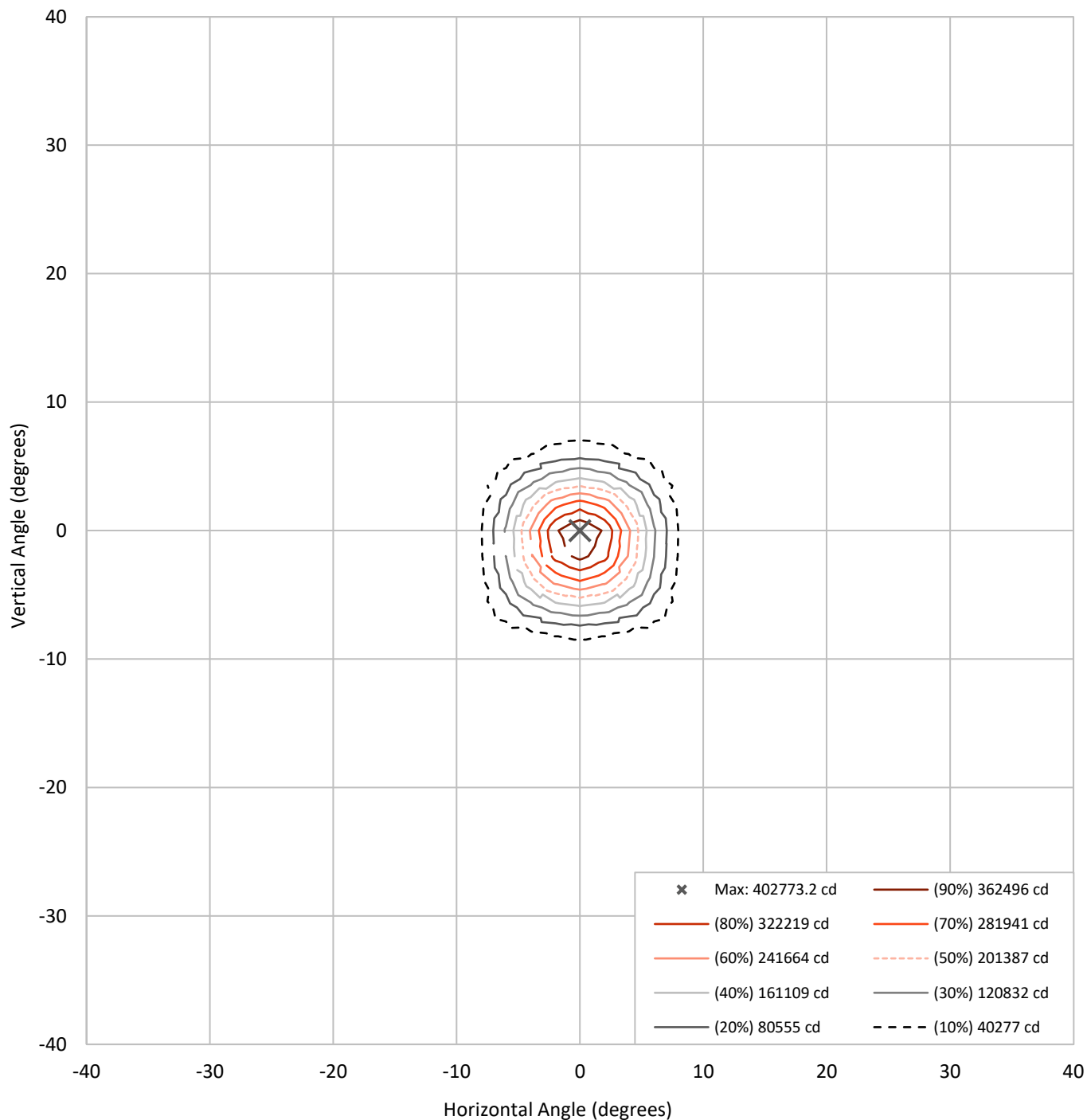
Input Watts (W): 320
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P723862

CATALOG NUMBER: IFLD-L-SA8B-830-U-11-VI

Iso-Candela Plot



REPORT NUMBER: P723862

CATALOG NUMBER: IFLD-L-SA8B-830-U-11-VI

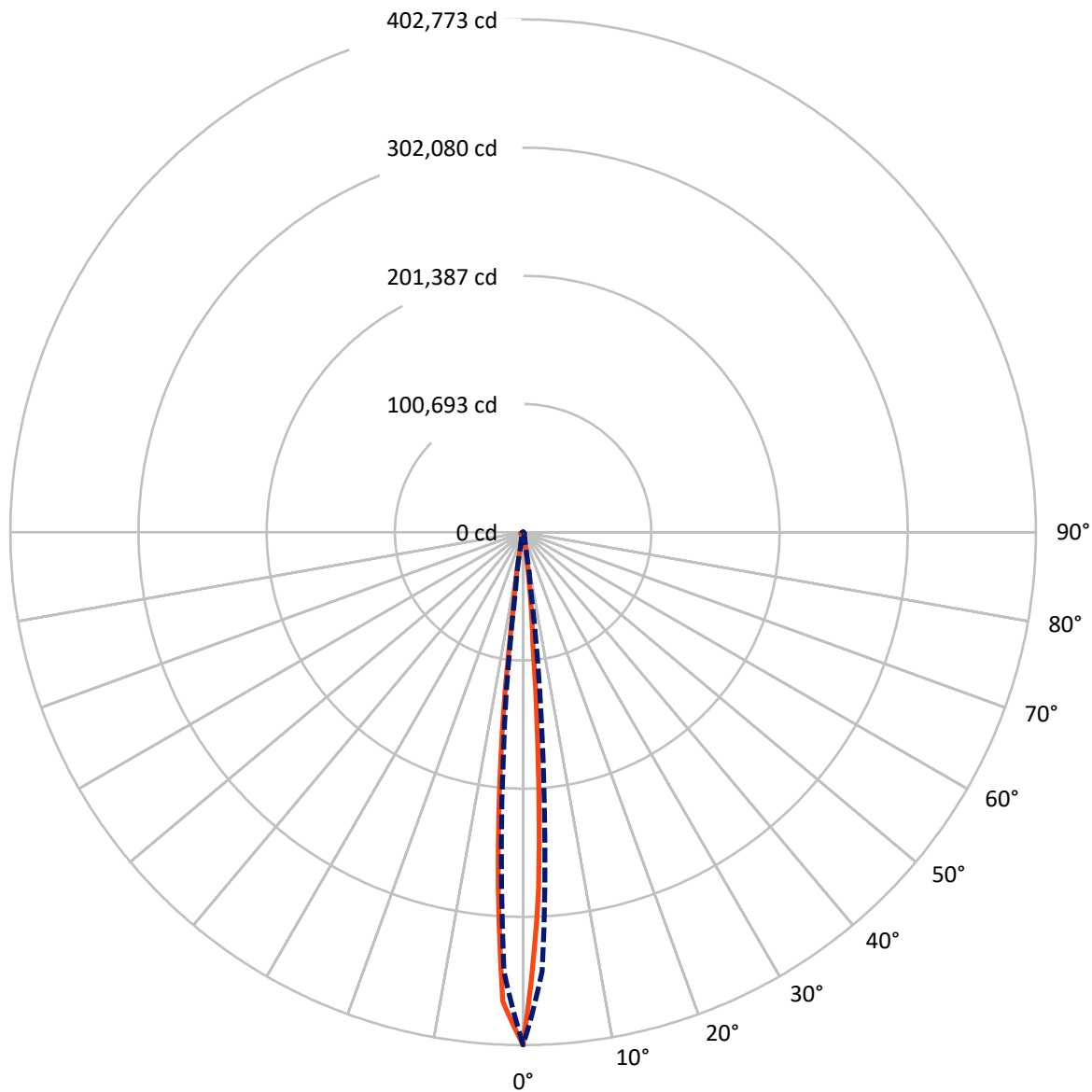
Lumen Table

90																	
80	0.3	3.8		4.1		1.6		0.4		1.6		4.1		3.8		0.3	
70	0.4	0.9	1.1	0.8	0.7	0.5	0.4	0.2	0.2	0.4	0.5	0.7	0.8	1.1	0.9	0.4	
60		0.5	0.8	2.0	4.4	7.2	9.3	10.6	10.6	9.3	7.2	4.4	2.0	0.8	0.5		
50	0.4	0.6	2.3	7.8	15.4	22.5	27.0	29.9	29.9	27.0	22.5	15.4	7.8	2.3	0.6	0.4	
40		1.1	5.9	16.0	26.0	30.6	33.0	34.2	34.2	33.0	30.6	26.0	16.0	5.9	1.1		
30	0.7	2.2	10.1	23.3	30.2	31.1	36.7	44.1	44.1	36.7	31.1	30.2	23.3	10.1	2.2	0.7	
20		3.5	14.2	28.6	32.2	36.3	63.8	108.7	108.7	63.8	36.3	32.2	28.6	14.2	3.5		
10	1.1	4.5	17.5	31.5	33.4	44.8	121.3	2247.4	2247.4	121.3	44.8	33.4	31.5	17.5	4.5	1.1	
0		5.3	19.1	33.0	34.6	46.3	130.6	3277.0	3277.0	130.6	46.3	34.6	33.0	19.1	5.3		
-10	1.6	5.7	19.6	34.8	37.4	41.8	76.0	145.8	145.8	76.0	41.8	37.4	34.8	19.6	5.7	1.6	
-20		5.3	18.6	35.2	42.0	42.1	49.2	60.0	60.0	49.2	42.1	42.0	35.2	18.6	5.3		
-30	1.8	4.7	16.5	33.7	46.2	50.4	52.4	52.9	52.9	52.4	50.4	46.2	33.7	16.5	4.7	1.8	
-40		4.1	13.3	28.6	44.6	54.2	60.7	63.7	63.7	60.7	54.2	44.6	28.6	13.3	4.1		
-50	1.4	3.8	10.2	22.2	38.0	51.0	59.3	62.7	62.7	59.3	51.0	38.0	22.2	10.2	3.8	1.4	
-60		3.5	9.0	18.1	31.7	44.6	54.0	58.4	58.4	54.0	44.6	31.7	18.1	9.0	3.5		
-70	0.7	10.6	31.5		58.4		64.5		58.4		31.5		10.6		0.7		
-80																	
-90																	

REPORT NUMBER: P723862

CATALOG NUMBER: IFLD-L-SA8B-830-U-11-VI

Luminous Intensity Polar Plot



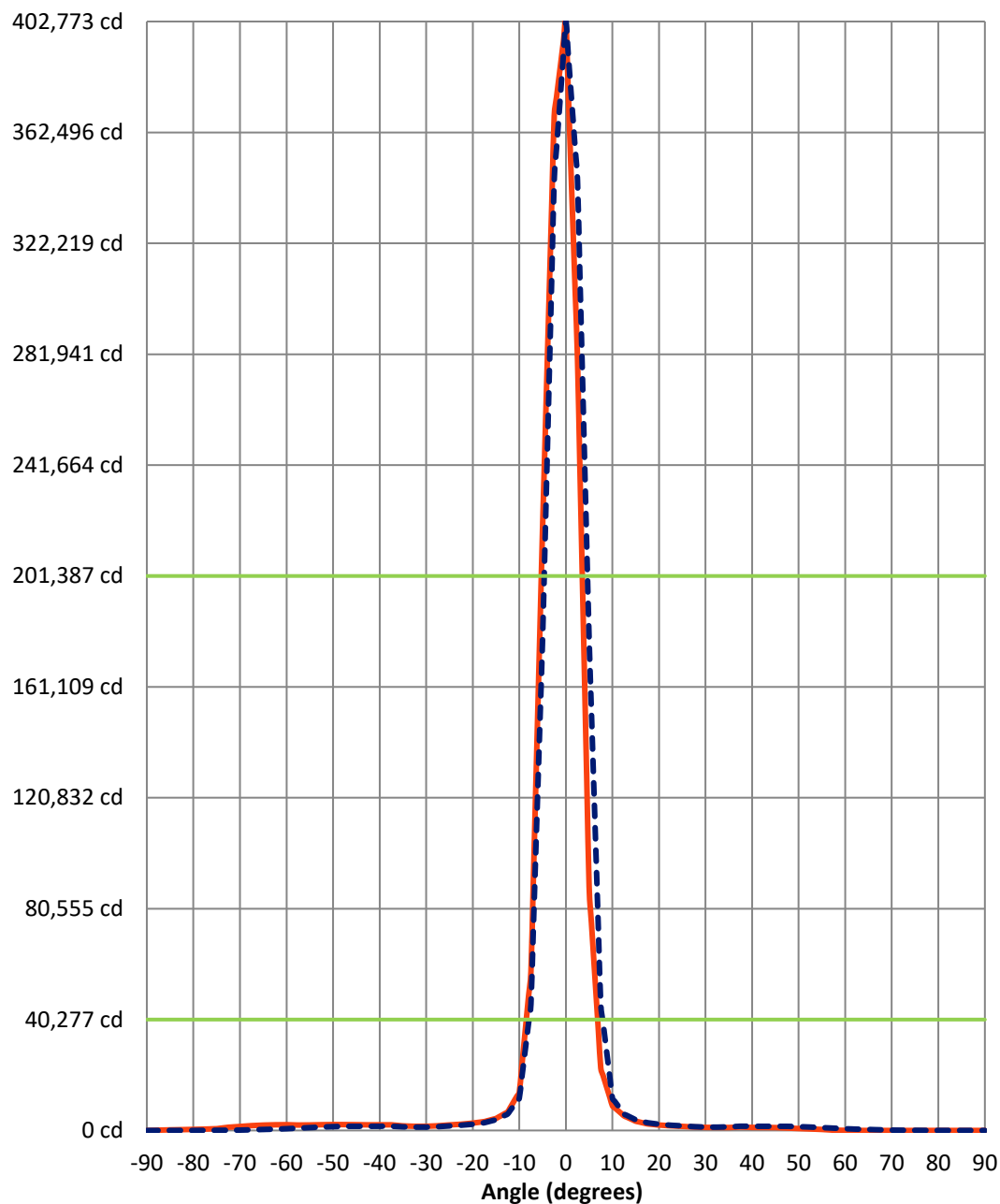
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P723862

CATALOG NUMBER: IFLD-L-SA8B-830-U-11-VI

Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 6208.4

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 9897.4

Efficiency: 57.8%

Spill:

Lumens: 7222.6

Efficiency: 42.2%

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

REPORT NUMBER: P723862

CATALOG NUMBER: IFLD-L-SA8B-830-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	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
85°	0.0	4.0	4.0	7.9	7.9	7.9	11.9	15.8	19.8	19.8	23.7
82.5°	0.0	4.0	4.0	7.9	7.9	11.9	11.9	19.8	23.7	27.7	35.6
80°	4.0	4.0	4.0	7.9	7.9	11.9	11.9	15.8	19.8	27.7	31.6
77.5°	0.0	4.0	4.0	4.0	7.9	7.9	7.9	11.9	15.8	19.8	23.7
75°	0.0	4.0	4.0	4.0	7.9	7.9	7.9	7.9	11.9	11.9	15.8
72.5°	0.0	0.0	0.0	4.0	4.0	7.9	7.9	7.9	11.9	11.9	11.9
70°	0.0	0.0	0.0	4.0	4.0	7.9	7.9	7.9	11.9	11.9	11.9
67.5°	0.0	0.0	0.0	4.0	4.0	7.9	7.9	7.9	11.9	11.9	11.9
65°	0.0	0.0	0.0	4.0	4.0	7.9	7.9	11.9	11.9	11.9	11.9
62.5°	4.0	4.0	4.0	7.9	11.9	11.9	15.8	19.8	19.8	19.8	19.8
60°	39.5	43.5	47.4	47.4	43.5	43.5	47.4	47.4	47.4	47.4	47.4
57.5°	106.7	114.6	118.6	118.6	118.6	114.6	130.4	134.4	118.6	110.7	122.5
55°	371.5	383.4	375.4	363.6	339.9	312.2	304.3	300.4	304.3	284.6	252.9
52.5°	541.4	553.3	549.3	541.4	525.6	505.9	490.1	474.3	458.4	426.8	391.3
50°	703.5	707.4	703.5	695.6	679.8	660.0	628.4	592.8	561.2	553.3	521.7
47.5°	885.3	897.1	897.1	893.2	881.3	845.7	798.3	746.9	723.2	715.3	683.7
45°	1047.3	1055.2	1059.2	1063.1	1059.2	1023.6	980.1	952.5	901.1	885.3	885.3
42.5°	1090.8	1094.7	1098.7	1102.6	1114.5	1086.8	1051.3	1003.8	992.0	988.0	980.1
40°	1106.6	1098.7	1102.6	1106.6	1110.5	1090.8	1063.1	1035.4	1027.5	1019.6	1019.6
37.5°	1256.8	1221.2	1193.5	1169.8	1150.1	1130.3	1102.6	1078.9	1059.2	1043.4	1059.2
35°	1071.0	1071.0	1098.7	1122.4	1146.1	1169.8	1173.8	1146.1	1102.6	1082.9	1110.5
32.5°	1094.7	1094.7	1094.7	1102.6	1110.5	1130.3	1150.1	1161.9	1193.5	1158.0	1158.0
30°	1118.4	1122.4	1130.3	1134.2	1122.4	1114.5	1106.6	1106.6	1126.3	1177.7	1205.4
27.5°	1256.8	1256.8	1244.9	1229.1	1193.5	1138.2	1110.5	1071.0	1075.0	1098.7	1165.9
25°	1482.0	1474.1	1446.5	1406.9	1343.7	1264.7	1189.6	1106.6	1071.0	1059.2	1086.8
22.5°	1695.4	1683.6	1648.0	1612.5	1561.1	1482.0	1355.6	1229.1	1118.4	1071.0	1059.2
20°	1968.1	1940.5	1901.0	1845.6	1762.6	1683.6	1572.9	1406.9	1244.9	1122.4	1075.0
17.5°	2406.8	2371.3	2296.2	2197.4	2055.1	1932.6	1774.5	1616.4	1434.6	1237.0	1130.3
15°	3367.2	3276.3	3145.9	2873.2	2592.6	2359.4	2122.3	1857.5	1671.7	1410.9	1248.9
12.5°	5295.8	5046.8	4667.4	4031.1	3402.7	2861.3	2478.0	2138.1	1837.7	1596.6	1367.4
10°	8963.3	8429.8	7382.5	5643.6	4485.6	3489.7	2802.0	2347.5	1968.1	1719.2	1466.2
7.5°	22669.2	18491.8	13085.4	8935.7	5868.9	4264.3	3205.1	2545.1	2106.5	1798.2	1545.3
5°	88352.9	72781.7	38825.3	16203.6	8829.0	5157.5	3568.7	2703.2	2197.4	1857.5	1604.5
2.5°	280404.7	242148.5	127043.9	34881.1	10840.6	5809.6	3817.7	2802.0	2248.7	1901.0	1648.0
0°	402773.2	345191.3	178298.5	45875.9	11757.5	5975.6	3896.8	2821.8	2256.6	1908.9	1648.0
-2.5°	368469.1	322482.6	172236.0	42690.5	12014.4	6023.0	3960.0	2889.0	2315.9	1944.4	1659.9
-5°	218941.8	192043.9	120147.5	30439.0	10674.6	5592.2	3794.0	2829.7	2276.4	1924.7	1652.0
-7.5°	57684.7	49938.6	32849.8	15883.4	6908.3	4730.7	3485.7	2730.9	2225.0	1889.1	1620.4
-10°	13907.4	13180.2	11773.3	7216.5	5378.8	3952.1	3090.5	2553.0	2122.3	1841.7	1569.0
-12.5°	6706.7	6548.6	5943.9	4900.6	3991.6	3284.2	2798.1	2367.3	2027.4	1758.7	1497.8
-15°	4363.1	4272.2	4066.7	3667.5	3205.1	2865.3	2525.4	2177.6	1908.9	1636.2	1438.6
-17.5°	3228.9	3224.9	3122.2	2972.0	2742.7	2489.8	2240.8	2019.5	1758.7	1525.5	1375.3
-20°	2675.6	2675.6	2616.3	2517.5	2355.4	2189.5	2023.5	1818.0	1604.5	1430.7	1367.4

REPORT NUMBER: P723862

CATALOG NUMBER: IFLD-L-SA8B-830-U-11-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	2272.5	2276.4	2244.8	2181.6	2094.6	1956.3	1794.2	1628.3	1474.1	1410.9	1391.1
-25°	2011.6	2003.7	1968.1	1908.9	1818.0	1707.3	1600.6	1489.9	1446.5	1430.7	1458.3
-27.5°	1703.4	1715.2	1699.4	1671.7	1612.5	1533.4	1509.7	1478.1	1486.0	1509.7	1616.4
-30°	1521.6	1533.4	1549.2	1561.1	1541.3	1521.6	1529.5	1553.2	1604.5	1695.4	1735.0
-32.5°	1521.6	1525.5	1549.2	1572.9	1584.8	1600.6	1644.1	1723.1	1798.2	1774.5	1766.6
-35°	1659.9	1648.0	1679.6	1711.3	1754.7	1810.1	1857.5	1841.7	1814.0	1806.1	1814.0
-37.5°	2055.1	1980.0	1948.4	1928.6	1916.8	1908.9	1897.0	1885.1	1873.3	1865.4	1877.2
-40°	2051.1	2031.4	2011.6	1995.8	1983.9	1968.1	1960.2	1956.3	1944.4	1936.5	1928.6
-42.5°	2043.2	2051.1	2051.1	2047.2	2051.1	2047.2	2035.3	2019.5	1999.8	1983.9	1968.1
-45°	2102.5	2106.5	2114.4	2122.3	2134.1	2118.3	2094.6	2066.9	2039.3	2015.6	1995.8
-47.5°	2138.1	2142.0	2149.9	2161.8	2169.7	2153.9	2122.3	2086.7	2043.2	2003.7	1964.2
-50°	2149.9	2161.8	2165.7	2165.7	2161.8	2142.0	2094.6	2043.2	1995.8	1956.3	1920.7
-52.5°	2094.6	2106.5	2110.4	2102.5	2098.6	2078.8	2035.3	1987.9	1936.5	1908.9	1877.2
-55°	2003.7	2019.5	2031.4	2031.4	2031.4	2027.4	1987.9	1944.4	1904.9	1873.3	1841.7
-57.5°	1968.1	1995.8	2019.5	2023.5	2027.4	2031.4	2003.7	1960.2	1912.8	1865.4	1825.9
-60°	2098.6	2122.3	2134.1	2118.3	2106.5	2094.6	2051.1	1999.8	1952.3	1904.9	1829.8
-62.5°	2063.0	2102.5	2122.3	2110.4	2094.6	2074.8	2027.4	1968.1	1912.8	1861.4	1786.3
-65°	1948.4	1983.9	2007.7	1987.9	1964.2	1936.5	1893.1	1837.7	1786.3	1735.0	1667.8
-67.5°	1754.7	1806.1	1845.6	1802.2	1770.5	1735.0	1699.4	1652.0	1600.6	1541.3	1478.1
-70°	1450.4	1489.9	1525.5	1513.7	1505.7	1497.8	1474.1	1426.7	1383.2	1335.8	1280.5
-72.5°	1165.9	1201.4	1233.1	1213.3	1197.5	1173.8	1138.2	1086.8	1035.4	984.1	932.7
-75°	644.2	656.0	667.9	664.0	664.0	664.0	664.0	667.9	660.0	648.1	624.4
-77.5°	494.0	509.8	521.7	529.6	541.4	557.2	569.1	549.3	529.6	509.8	486.1
-80°	387.3	403.1	415.0	458.4	490.1	525.6	549.3	521.7	494.0	470.3	450.5
-82.5°	292.5	304.3	316.2	339.9	355.7	375.4	391.3	391.3	387.3	383.4	371.5
-85°	213.4	229.2	245.0	252.9	264.8	264.8	268.7	252.9	237.1	225.3	209.5
-87.5°	122.5	126.5	126.5	126.5	130.4	130.4	130.4	122.5	118.6	110.7	106.7
-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: P723862

CATALOG NUMBER: IFLD-L-SA8B-830-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°	4.0	4.0	4.0	7.9	7.9	11.9	11.9	15.8	15.8	19.8	19.8
85°	23.7	23.7	23.7	27.7	27.7	31.6	35.6	39.5	43.5	43.5	47.4
82.5°	39.5	43.5	47.4	51.4	55.3	59.3	63.2	67.2	79.0	86.9	90.9
80°	39.5	43.5	55.3	63.2	71.1	79.0	79.0	79.0	79.0	83.0	90.9
77.5°	27.7	31.6	35.6	43.5	63.2	79.0	90.9	98.8	90.9	86.9	79.0
75°	15.8	19.8	23.7	27.7	39.5	55.3	75.1	94.9	110.7	106.7	98.8
72.5°	15.8	15.8	19.8	23.7	27.7	31.6	35.6	55.3	79.0	98.8	110.7
70°	15.8	19.8	19.8	23.7	27.7	31.6	35.6	43.5	55.3	79.0	102.8
67.5°	15.8	19.8	19.8	27.7	35.6	39.5	43.5	39.5	35.6	51.4	75.1
65°	15.8	15.8	19.8	23.7	27.7	31.6	43.5	43.5	39.5	39.5	39.5
62.5°	23.7	23.7	23.7	23.7	27.7	27.7	27.7	35.6	35.6	35.6	35.6
60°	47.4	43.5	43.5	43.5	43.5	35.6	35.6	35.6	31.6	35.6	31.6
57.5°	114.6	94.9	86.9	86.9	75.1	71.1	59.3	43.5	43.5	35.6	35.6
55°	233.2	221.3	185.7	154.1	138.3	122.5	94.9	79.0	59.3	47.4	43.5
52.5°	359.6	328.0	296.4	256.9	217.4	185.7	158.1	122.5	98.8	71.1	55.3
50°	470.3	442.6	407.1	363.6	312.2	272.7	233.2	185.7	146.2	110.7	79.0
47.5°	640.2	584.9	541.4	490.1	430.8	375.4	324.1	268.7	205.5	162.0	122.5
45°	822.0	743.0	683.7	636.3	557.2	482.2	422.9	363.6	288.5	213.4	166.0
42.5°	948.5	889.2	810.2	746.9	675.8	596.8	517.7	454.5	375.4	288.5	213.4
40°	1015.7	976.2	912.9	857.6	782.5	695.6	612.6	549.3	466.3	371.5	268.7
37.5°	1067.1	1047.3	1015.7	972.2	901.1	798.3	715.3	640.2	569.1	458.4	347.8
35°	1126.3	1122.4	1102.6	1082.9	1023.6	924.8	826.0	739.0	652.1	549.3	426.8
32.5°	1181.7	1177.7	1165.9	1158.0	1134.2	1047.3	940.6	841.8	743.0	636.3	501.9
30°	1209.3	1201.4	1201.4	1209.3	1185.6	1130.3	1051.3	944.5	833.9	707.4	581.0
27.5°	1209.3	1201.4	1205.4	1217.2	1213.3	1185.6	1126.3	1039.4	916.9	774.6	652.1
25°	1158.0	1197.5	1197.5	1213.3	1217.2	1209.3	1177.7	1122.4	995.9	845.7	707.4
22.5°	1086.8	1181.7	1217.2	1213.3	1217.2	1237.0	1241.0	1189.6	1071.0	916.9	762.8
20°	1086.8	1154.0	1256.8	1229.1	1237.0	1280.5	1300.2	1256.8	1150.1	984.1	818.1
17.5°	1110.5	1154.0	1241.0	1284.4	1296.3	1331.9	1363.5	1335.8	1221.2	1055.2	893.2
15°	1177.7	1169.8	1229.1	1335.8	1355.6	1383.2	1418.8	1387.2	1284.4	1134.2	964.3
12.5°	1225.1	1181.7	1229.1	1343.7	1406.9	1434.6	1446.5	1422.8	1339.8	1205.4	1035.4
10°	1288.4	1213.3	1237.0	1335.8	1426.7	1446.5	1458.3	1450.4	1391.1	1264.7	1098.7
7.5°	1335.8	1229.1	1229.1	1323.9	1446.5	1462.3	1470.2	1478.1	1434.6	1316.0	1154.0
5°	1355.6	1229.1	1221.2	1312.1	1466.2	1482.0	1482.0	1493.9	1466.2	1355.6	1193.5
2.5°	1359.5	1225.1	1213.3	1304.2	1501.8	1501.8	1493.9	1505.7	1489.9	1379.3	1221.2
0°	1379.3	1221.2	1209.3	1316.0	1541.3	1525.5	1505.7	1509.7	1501.8	1391.1	1237.0
-2.5°	1379.3	1241.0	1225.1	1323.9	1537.4	1533.4	1525.5	1529.5	1521.6	1426.7	1268.6
-5°	1399.0	1268.6	1252.8	1359.5	1533.4	1545.3	1549.2	1549.2	1537.4	1450.4	1288.4
-7.5°	1403.0	1288.4	1284.4	1395.1	1541.3	1561.1	1572.9	1580.8	1557.1	1466.2	1304.2
-10°	1383.2	1296.3	1316.0	1438.6	1549.2	1576.9	1600.6	1612.5	1572.9	1474.1	1312.1
-12.5°	1339.8	1296.3	1347.7	1493.9	1569.0	1600.6	1636.2	1640.1	1588.7	1478.1	1316.0
-15°	1335.8	1327.9	1403.0	1549.2	1580.8	1620.4	1675.7	1663.8	1600.6	1478.1	1316.0
-17.5°	1331.9	1371.4	1486.0	1569.0	1600.6	1644.1	1687.5	1675.7	1608.5	1478.1	1308.1
-20°	1367.4	1442.5	1584.8	1588.7	1624.3	1671.7	1695.4	1671.7	1596.6	1466.2	1296.3

REPORT NUMBER: P723862

CATALOG NUMBER: IFLD-L-SA8B-830-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°	1426.7	1569.0	1616.4	1632.2	1663.8	1699.4	1711.3	1675.7	1584.8	1446.5	1276.5
-25°	1576.9	1648.0	1648.0	1683.6	1715.2	1731.0	1719.2	1679.6	1569.0	1426.7	1256.8
-27.5°	1691.5	1687.5	1707.3	1742.9	1770.5	1770.5	1738.9	1659.9	1545.3	1406.9	1229.1
-30°	1735.0	1738.9	1766.6	1806.1	1814.0	1794.2	1746.8	1644.1	1525.5	1375.3	1193.5
-32.5°	1778.4	1794.2	1829.8	1849.6	1853.5	1814.0	1727.1	1616.4	1493.9	1339.8	1154.0
-35°	1829.8	1861.4	1881.2	1885.1	1865.4	1798.2	1699.4	1580.8	1446.5	1288.4	1118.4
-37.5°	1897.0	1912.8	1924.7	1908.9	1853.5	1774.5	1652.0	1533.4	1403.0	1233.1	1067.1
-40°	1940.5	1948.4	1952.3	1901.0	1833.8	1719.2	1600.6	1478.1	1327.9	1169.8	1011.7
-42.5°	1968.1	1960.2	1928.6	1873.3	1774.5	1663.8	1549.2	1410.9	1260.7	1106.6	952.5
-45°	1960.2	1932.6	1885.1	1818.0	1715.2	1604.5	1470.2	1331.9	1189.6	1039.4	885.3
-47.5°	1928.6	1885.1	1825.9	1746.8	1652.0	1517.6	1383.2	1248.9	1110.5	964.3	822.0
-50°	1889.1	1837.7	1766.6	1667.8	1541.3	1418.8	1296.3	1165.9	1023.6	889.2	762.8
-52.5°	1845.6	1790.3	1699.4	1588.7	1450.4	1323.9	1205.4	1078.9	948.5	822.0	711.4
-55°	1798.2	1742.9	1640.1	1513.7	1375.3	1237.0	1122.4	1015.7	889.2	766.7	667.9
-57.5°	1774.5	1703.4	1596.6	1470.2	1323.9	1181.7	1082.9	968.3	853.7	727.2	632.3
-60°	1754.7	1683.6	1584.8	1438.6	1300.2	1165.9	1051.3	940.6	818.1	699.5	604.7
-62.5°	1699.4	1624.3	1533.4	1391.1	1256.8	1134.2	1031.5	901.1	782.5	671.9	584.9
-65°	1588.7	1509.7	1430.7	1304.2	1181.7	1067.1	964.3	845.7	735.1	640.2	565.1
-67.5°	1414.8	1347.7	1276.5	1169.8	1067.1	964.3	869.5	766.7	675.8	608.6	569.1
-70°	1221.2	1150.1	1078.9	992.0	905.0	822.0	746.9	671.9	612.6	577.0	545.4
-72.5°	889.2	857.6	822.0	754.8	683.7	632.3	596.8	565.1	521.7	490.1	470.3
-75°	592.8	549.3	494.0	470.3	474.3	466.3	446.6	422.9	403.1	391.3	363.6
-77.5°	462.4	438.7	411.0	383.4	371.5	359.6	343.8	324.1	308.3	280.6	241.1
-80°	426.8	407.1	387.3	367.5	347.8	320.1	288.5	256.9	241.1	229.2	225.3
-82.5°	351.7	328.0	304.3	284.6	256.9	237.1	217.4	201.6	201.6	197.6	193.7
-85°	201.6	193.7	181.8	173.9	166.0	154.1	142.3	134.4	130.4	126.5	122.5
-87.5°	102.8	98.8	90.9	86.9	83.0	79.0	71.1	67.2	63.2	63.2	59.3
-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: P723862

CATALOG NUMBER: IFLD-L-SA8B-830-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°	19.8	19.8	15.8	15.8	15.8	11.9	7.9	7.9	4.0	4.0	0.0
85°	47.4	39.5	35.6	31.6	31.6	23.7	15.8	11.9	7.9	4.0	4.0
82.5°	90.9	79.0	67.2	59.3	47.4	35.6	27.7	19.8	11.9	7.9	4.0
80°	102.8	102.8	98.8	83.0	67.2	51.4	35.6	23.7	15.8	11.9	7.9
77.5°	79.0	86.9	86.9	86.9	83.0	63.2	43.5	27.7	15.8	11.9	7.9
75°	90.9	79.0	75.1	79.0	75.1	63.2	51.4	31.6	19.8	15.8	7.9
72.5°	110.7	94.9	83.0	79.0	71.1	59.3	47.4	35.6	19.8	15.8	11.9
70°	102.8	98.8	90.9	83.0	71.1	59.3	47.4	35.6	23.7	15.8	11.9
67.5°	90.9	90.9	90.9	83.0	71.1	55.3	43.5	31.6	23.7	15.8	11.9
65°	63.2	75.1	83.0	79.0	71.1	55.3	43.5	31.6	23.7	19.8	11.9
62.5°	39.5	51.4	67.2	75.1	67.2	55.3	39.5	31.6	23.7	19.8	11.9
60°	35.6	39.5	47.4	59.3	63.2	51.4	39.5	27.7	23.7	19.8	11.9
57.5°	35.6	35.6	39.5	47.4	51.4	47.4	35.6	23.7	23.7	19.8	15.8
55°	39.5	35.6	35.6	39.5	43.5	43.5	35.6	23.7	23.7	19.8	15.8
52.5°	47.4	39.5	35.6	35.6	35.6	39.5	31.6	23.7	23.7	19.8	15.8
50°	59.3	47.4	43.5	35.6	35.6	35.6	31.6	23.7	19.8	19.8	15.8
47.5°	79.0	63.2	47.4	43.5	35.6	31.6	27.7	23.7	19.8	19.8	15.8
45°	118.6	75.1	63.2	47.4	39.5	35.6	31.6	23.7	19.8	19.8	15.8
42.5°	162.0	110.7	79.0	55.3	43.5	35.6	31.6	27.7	19.8	19.8	15.8
40°	205.5	150.2	98.8	71.1	51.4	39.5	31.6	27.7	23.7	19.8	15.8
37.5°	252.9	185.7	130.4	90.9	59.3	43.5	35.6	27.7	23.7	19.8	15.8
35°	312.2	233.2	162.0	110.7	71.1	51.4	39.5	27.7	23.7	19.8	15.8
32.5°	379.4	276.6	193.7	134.4	90.9	63.2	43.5	31.6	23.7	19.8	15.8
30°	442.6	328.0	229.2	162.0	110.7	71.1	47.4	31.6	23.7	19.8	11.9
27.5°	505.9	379.4	272.7	189.7	134.4	83.0	51.4	35.6	23.7	19.8	15.8
25°	569.1	430.8	316.2	217.4	154.1	98.8	63.2	39.5	23.7	19.8	15.8
22.5°	624.4	482.2	355.7	249.0	177.8	114.6	71.1	43.5	27.7	19.8	15.8
20°	687.7	537.5	399.2	284.6	197.6	130.4	79.0	47.4	27.7	19.8	15.8
17.5°	746.9	592.8	442.6	316.2	221.3	146.2	90.9	51.4	31.6	19.8	15.8
15°	806.2	644.2	482.2	347.8	245.0	162.0	98.8	55.3	35.6	19.8	15.8
12.5°	861.6	691.6	517.7	375.4	264.8	177.8	106.7	59.3	39.5	19.8	15.8
10°	912.9	735.1	553.3	399.2	284.6	189.7	114.6	67.2	43.5	19.8	15.8
7.5°	964.3	770.7	581.0	422.9	308.3	205.5	122.5	71.1	47.4	23.7	15.8
5°	995.9	802.3	604.7	442.6	328.0	221.3	130.4	75.1	51.4	23.7	15.8
2.5°	1023.6	826.0	620.5	462.4	347.8	233.2	130.4	79.0	55.3	23.7	15.8
0°	1039.4	841.8	632.3	474.3	363.6	241.1	134.4	83.0	59.3	23.7	15.8
-2.5°	1075.0	869.5	660.0	490.1	379.4	264.8	142.3	86.9	63.2	27.7	15.8
-5°	1098.7	885.3	679.8	505.9	391.3	288.5	154.1	94.9	71.1	35.6	19.8
-7.5°	1118.4	901.1	695.6	513.8	403.1	296.4	158.1	98.8	75.1	39.5	19.8
-10°	1122.4	909.0	707.4	525.6	411.0	308.3	162.0	102.8	79.0	43.5	19.8
-12.5°	1126.3	916.9	711.4	533.5	418.9	316.2	166.0	106.7	83.0	47.4	19.8
-15°	1122.4	912.9	711.4	541.4	422.9	308.3	173.9	110.7	86.9	51.4	19.8
-17.5°	1114.5	909.0	707.4	537.5	418.9	300.4	177.8	118.6	86.9	55.3	23.7
-20°	1102.6	897.1	699.5	533.5	415.0	292.5	181.8	122.5	90.9	55.3	23.7



REPORT NUMBER: P723862

CATALOG NUMBER: IFLD-L-SA8B-830-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1082.9	877.4	683.7	521.7	407.1	284.6	181.8	130.4	94.9	55.3	23.7
-25°	1059.2	857.6	667.9	505.9	395.2	272.7	181.8	134.4	98.8	55.3	23.7
-27.5°	1031.5	837.8	644.2	494.0	379.4	264.8	181.8	138.3	102.8	55.3	23.7
-30°	999.9	810.2	624.4	474.3	367.5	264.8	185.7	142.3	106.7	55.3	23.7
-32.5°	968.3	782.5	600.7	458.4	351.7	260.8	185.7	146.2	110.7	51.4	27.7
-35°	932.7	750.9	581.0	446.6	339.9	252.9	189.7	146.2	106.7	51.4	27.7
-37.5°	889.2	711.4	561.2	434.7	332.0	245.0	189.7	150.2	102.8	51.4	27.7
-40°	841.8	679.8	537.5	418.9	320.1	241.1	189.7	150.2	98.8	51.4	31.6
-42.5°	790.4	644.2	513.8	403.1	308.3	237.1	189.7	150.2	94.9	51.4	31.6
-45°	743.0	608.6	486.1	383.4	296.4	237.1	189.7	146.2	86.9	55.3	31.6
-47.5°	691.6	569.1	454.5	363.6	292.5	233.2	185.7	138.3	79.0	55.3	31.6
-50°	648.1	529.6	430.8	343.8	284.6	237.1	189.7	126.5	79.0	55.3	31.6
-52.5°	604.7	501.9	403.1	335.9	276.6	241.1	185.7	118.6	79.0	55.3	31.6
-55°	569.1	474.3	387.3	324.1	284.6	249.0	177.8	106.7	79.0	55.3	31.6
-57.5°	541.4	458.4	375.4	328.0	296.4	241.1	166.0	102.8	79.0	51.4	31.6
-60°	521.7	442.6	379.4	343.8	300.4	229.2	158.1	102.8	79.0	51.4	27.7
-62.5°	505.9	446.6	399.2	355.7	284.6	213.4	150.2	102.8	71.1	47.4	27.7
-65°	509.8	462.4	407.1	339.9	272.7	197.6	138.3	98.8	67.2	43.5	27.7
-67.5°	521.7	450.5	383.4	320.1	245.0	177.8	126.5	90.9	63.2	43.5	27.7
-70°	482.2	415.0	347.8	272.7	209.5	154.1	118.6	83.0	55.3	39.5	27.7
-72.5°	434.7	347.8	276.6	221.3	177.8	142.3	106.7	75.1	51.4	35.6	23.7
-75°	316.2	252.9	205.5	185.7	158.1	126.5	94.9	67.2	47.4	35.6	23.7
-77.5°	225.3	209.5	189.7	169.9	142.3	110.7	83.0	63.2	43.5	31.6	19.8
-80°	221.3	201.6	177.8	146.2	118.6	94.9	71.1	55.3	39.5	27.7	15.8
-82.5°	185.7	158.1	134.4	110.7	90.9	75.1	59.3	43.5	31.6	19.8	11.9
-85°	114.6	98.8	86.9	75.1	63.2	51.4	39.5	27.7	19.8	11.9	7.9
-87.5°	55.3	51.4	43.5	35.6	31.6	23.7	19.8	15.8	11.9	7.9	4.0
-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: P723862

CATALOG NUMBER: IFLD-L-SA8B-830-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°	4.0	0.0	0.0	0.0
80°	4.0	0.0	0.0	0.0
77.5°	4.0	0.0	0.0	0.0
75°	4.0	4.0	0.0	0.0
72.5°	4.0	4.0	0.0	0.0
70°	7.9	4.0	4.0	0.0
67.5°	7.9	4.0	4.0	0.0
65°	7.9	4.0	4.0	0.0
62.5°	7.9	4.0	4.0	0.0
60°	7.9	4.0	4.0	0.0
57.5°	7.9	4.0	4.0	0.0
55°	7.9	4.0	4.0	0.0
52.5°	7.9	4.0	4.0	0.0
50°	7.9	4.0	4.0	0.0
47.5°	7.9	7.9	4.0	0.0
45°	7.9	7.9	4.0	0.0
42.5°	7.9	7.9	4.0	0.0
40°	7.9	7.9	4.0	0.0
37.5°	7.9	7.9	4.0	0.0
35°	7.9	7.9	4.0	0.0
32.5°	11.9	7.9	4.0	0.0
30°	11.9	7.9	7.9	0.0
27.5°	11.9	7.9	7.9	0.0
25°	11.9	7.9	7.9	0.0
22.5°	11.9	7.9	7.9	0.0
20°	11.9	7.9	7.9	0.0
17.5°	11.9	7.9	7.9	0.0
15°	11.9	7.9	7.9	0.0
12.5°	11.9	7.9	7.9	0.0
10°	11.9	7.9	7.9	0.0
7.5°	11.9	7.9	7.9	0.0
5°	11.9	7.9	7.9	0.0
2.5°	11.9	7.9	7.9	0.0
0°	11.9	7.9	7.9	0.0
-2.5°	11.9	7.9	7.9	0.0
-5°	11.9	7.9	7.9	0.0
-7.5°	11.9	7.9	7.9	0.0
-10°	11.9	7.9	7.9	0.0
-12.5°	15.8	7.9	7.9	0.0
-15°	15.8	7.9	7.9	0.0
-17.5°	15.8	7.9	7.9	0.0
-20°	15.8	7.9	7.9	0.0

REPORT NUMBER: P723862

CATALOG NUMBER: IFLD-L-SA8B-830-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	15.8	7.9	7.9	0.0
-25°	15.8	7.9	7.9	0.0
-27.5°	15.8	7.9	7.9	0.0
-30°	15.8	7.9	7.9	0.0
-32.5°	15.8	7.9	7.9	0.0
-35°	15.8	7.9	7.9	0.0
-37.5°	15.8	7.9	7.9	0.0
-40°	15.8	7.9	7.9	0.0
-42.5°	11.9	7.9	4.0	0.0
-45°	15.8	7.9	4.0	0.0
-47.5°	15.8	7.9	4.0	0.0
-50°	15.8	7.9	4.0	0.0
-52.5°	15.8	7.9	4.0	0.0
-55°	15.8	7.9	4.0	0.0
-57.5°	15.8	7.9	4.0	0.0
-60°	15.8	7.9	4.0	0.0
-62.5°	15.8	7.9	4.0	0.0
-65°	15.8	7.9	4.0	0.0
-67.5°	15.8	7.9	4.0	0.0
-70°	15.8	4.0	4.0	0.0
-72.5°	11.9	4.0	4.0	0.0
-75°	11.9	4.0	4.0	0.0
-77.5°	7.9	4.0	0.0	0.0
-80°	7.9	4.0	0.0	0.0
-82.5°	7.9	4.0	0.0	0.0
-85°	4.0	0.0	0.0	0.0
-87.5°	4.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)