

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: P723829

Luminaire Tested: **IFLD-L-SA7C-827-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723829
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7C-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:	17251.5 lumens	Max Intensity:	405867.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	46.8 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:	6256.1 lumens	Field Lumens:	9973.5 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

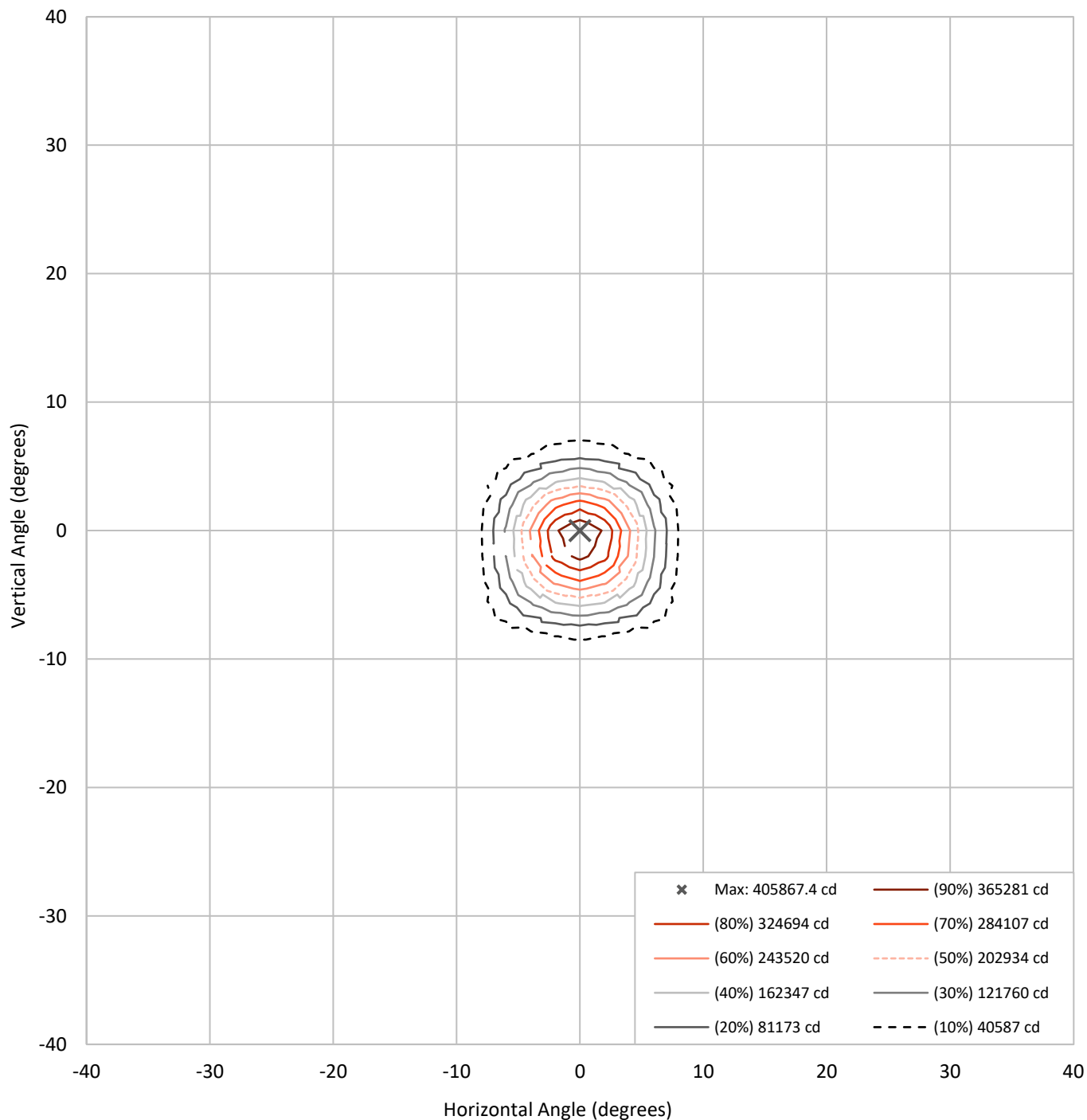
Input Watts (W): 369
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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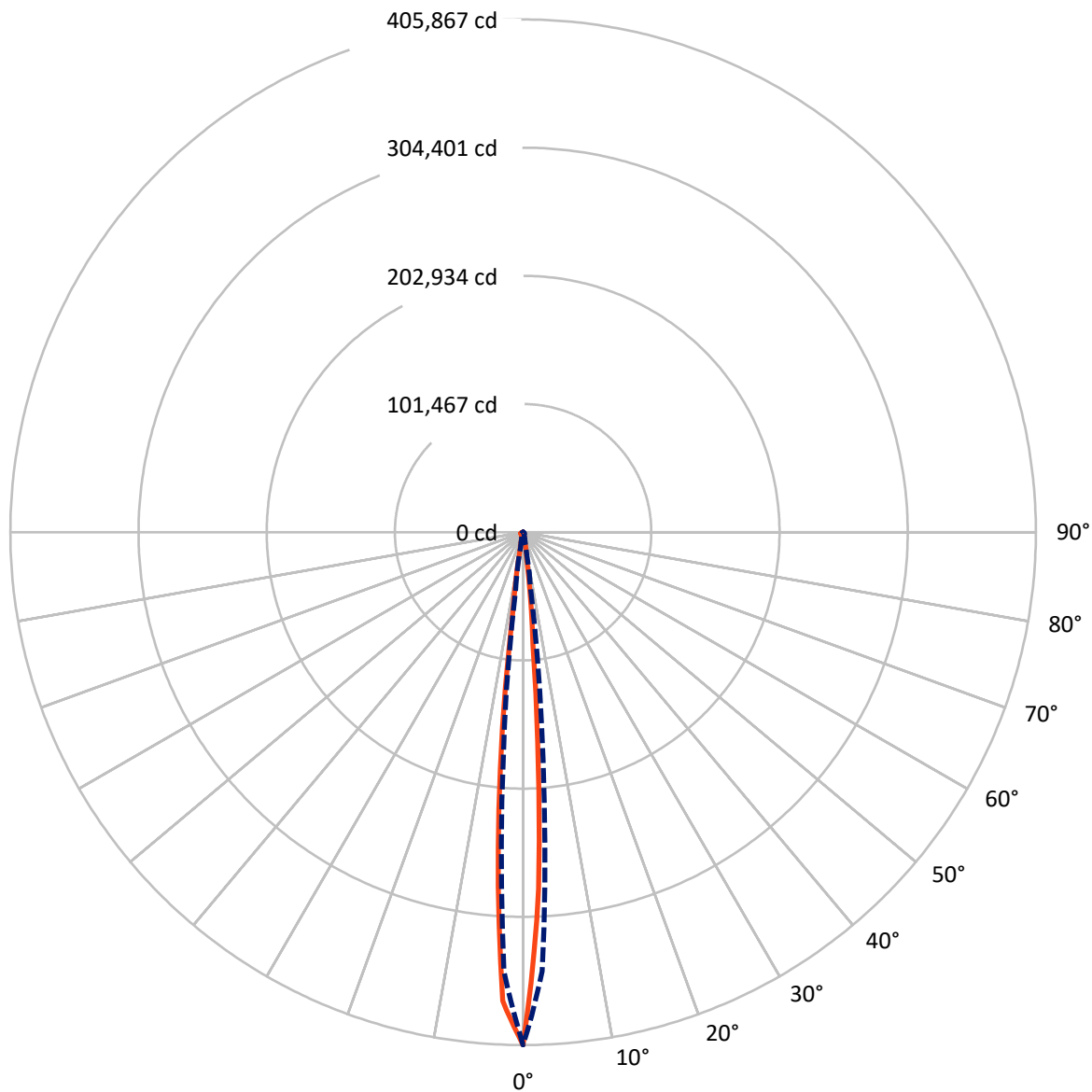
Lumen Table

90																				
80	0.3		3.8		4.2		1.6		0.4		1.6		4.2		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	7.3	9.3	10.7	10.7	9.3	7.3	4.4	2.0	0.8	0.5				
50	0.4		0.6	2.4	7.9	15.5	22.6	27.2	30.2	30.2	27.2	22.6	15.5	7.9	2.4	0.6	0.4			
40			1.2	6.0	16.1	26.2	30.8	33.3	34.4	34.4	33.3	30.8	26.2	16.1	6.0	1.2				
30	0.7		2.2	10.2	23.5	30.4	31.3	36.9	44.5	44.5	36.9	31.3	30.4	23.5	10.2	2.2	0.7			
20			3.5	14.3	28.9	32.4	36.6	64.3	109.5	109.5	64.3	36.6	32.4	28.9	14.3	3.5				
10	1.2		4.5	17.6	31.7	33.6	45.1	122.2	2264.7	2264.7	122.2	45.1	33.6	31.7	17.6	4.5	1.2			
0			5.3	19.3	33.3	34.8	46.7	131.6	3302.1	3302.1	131.6	46.7	34.8	33.3	19.3	5.3				
-10	1.7		5.7	19.8	35.1	37.7	42.1	76.5	146.9	146.9	76.5	42.1	37.7	35.1	19.8	5.7	1.7			
-20			5.4	18.8	35.5	42.3	42.4	49.6	60.5	60.5	49.6	42.4	42.3	35.5	18.8	5.4				
-30	1.8		4.8	16.6	34.0	46.6	50.8	52.8	53.3	53.3	52.8	50.8	46.6	34.0	16.6	4.8	1.8			
-40			4.2	13.4	28.8	44.9	54.6	61.2	64.2	64.2	61.2	54.6	44.9	28.8	13.4	4.2				
-50	1.4		3.8	10.3	22.3	38.3	51.4	59.8	63.2	63.2	59.8	51.4	38.3	22.3	10.3	3.8	1.4			
-60			3.5	9.1	18.2	32.0	45.0	54.4	58.8	58.8	54.4	45.0	32.0	18.2	9.1	3.5				
-70	0.7																0.7			
-80			10.7		31.8		58.9		65.0		58.9		31.8		10.7					
-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



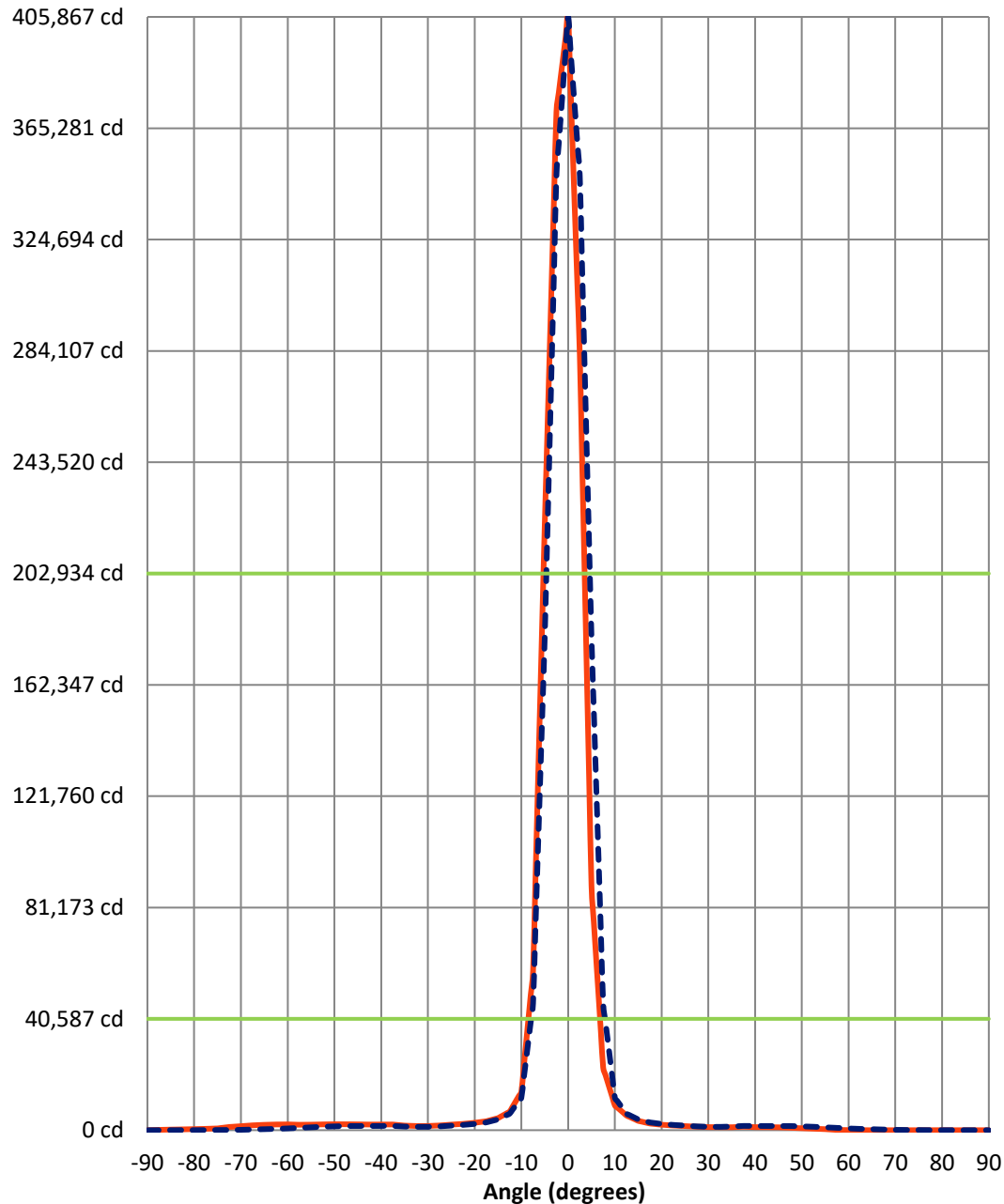
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°
V Angle: 8.8°
Lumens: 6256.1
Efficiency: 36.3%

Field:

H Angle: 15.8°
V Angle: 15.3°
Lumens: 9973.5
Efficiency: 57.8%

Spill:

Lumens: 7278.1
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	4.0	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	8.0	8.0	8.0	11.9	15.9	19.9	19.9	23.9
82.5°	0.0	4.0	4.0	8.0	8.0	11.9	11.9	19.9	23.9	27.9	35.8
80°	4.0	4.0	4.0	8.0	8.0	11.9	11.9	15.9	19.9	27.9	31.9
77.5°	0.0	4.0	4.0	4.0	8.0	8.0	8.0	11.9	15.9	19.9	23.9
75°	0.0	4.0	4.0	4.0	8.0	8.0	8.0	8.0	11.9	11.9	15.9
72.5°	0.0	0.0	0.0	4.0	4.0	8.0	8.0	8.0	11.9	11.9	11.9
70°	0.0	0.0	0.0	4.0	4.0	8.0	8.0	8.0	11.9	11.9	11.9
67.5°	0.0	0.0	0.0	4.0	4.0	8.0	8.0	8.0	11.9	11.9	11.9
65°	0.0	0.0	0.0	4.0	4.0	8.0	8.0	11.9	11.9	11.9	11.9
62.5°	4.0	4.0	4.0	8.0	11.9	11.9	15.9	19.9	19.9	19.9	19.9
60°	39.8	43.8	47.8	47.8	43.8	43.8	47.8	47.8	47.8	47.8	47.8
57.5°	107.5	115.5	119.5	119.5	119.5	115.5	131.4	135.4	119.5	111.5	123.5
55°	374.4	386.3	378.3	366.4	342.5	314.6	306.6	302.7	306.6	286.7	254.9
52.5°	545.6	557.5	553.6	545.6	529.7	509.8	493.8	477.9	462.0	430.1	394.3
50°	708.9	712.9	708.9	700.9	685.0	665.1	633.2	597.4	565.5	557.5	525.7
47.5°	892.1	904.0	904.0	900.0	888.1	852.2	804.5	752.7	728.8	720.8	689.0
45°	1055.3	1063.3	1067.3	1071.3	1067.3	1031.5	987.6	959.8	908.0	892.1	892.1
42.5°	1099.2	1103.1	1107.1	1111.1	1123.1	1095.2	1059.3	1011.5	999.6	995.6	987.6
40°	1115.1	1107.1	1111.1	1115.1	1119.1	1099.2	1071.3	1043.4	1035.4	1027.5	1027.5
37.5°	1266.4	1230.6	1202.7	1178.8	1158.9	1139.0	1111.1	1087.2	1067.3	1051.4	1067.3
35°	1079.2	1079.2	1107.1	1131.0	1154.9	1178.8	1182.8	1154.9	1111.1	1091.2	1119.1
32.5°	1103.1	1103.1	1103.1	1111.1	1119.1	1139.0	1158.9	1170.8	1202.7	1166.9	1166.9
30°	1127.0	1131.0	1139.0	1143.0	1131.0	1123.1	1115.1	1115.1	1135.0	1186.8	1214.6
27.5°	1266.4	1266.4	1254.5	1238.5	1202.7	1146.9	1119.1	1079.2	1083.2	1107.1	1174.8
25°	1493.4	1485.5	1457.6	1417.8	1354.0	1274.4	1198.7	1115.1	1079.2	1067.3	1095.2
22.5°	1708.5	1696.5	1660.7	1624.8	1573.1	1493.4	1366.0	1238.5	1127.0	1079.2	1067.3
20°	1983.3	1955.4	1915.6	1859.8	1776.2	1696.5	1585.0	1417.8	1254.5	1131.0	1083.2
17.5°	2425.3	2389.5	2313.8	2214.2	2070.9	1947.4	1788.1	1628.8	1445.6	1246.5	1139.0
15°	3393.0	3301.5	3170.0	2895.2	2612.5	2377.5	2138.6	1871.8	1684.6	1421.7	1258.5
12.5°	5336.5	5085.6	4703.3	4062.1	3428.9	2883.3	2497.0	2154.5	1851.8	1608.9	1377.9
10°	9032.2	8494.6	7439.2	5686.9	4520.1	3516.5	2823.6	2365.6	1983.3	1732.4	1477.5
7.5°	22843.3	18633.9	13185.9	9004.3	5913.9	4297.1	3229.8	2564.7	2122.6	1812.0	1557.1
5°	89031.7	73340.8	39123.6	16328.0	8896.8	5197.1	3596.2	2724.0	2214.2	1871.8	1616.9
2.5°	282558.8	244008.7	128019.8	35149.1	10923.9	5854.2	3847.0	2823.6	2266.0	1915.6	1660.7
0°	405867.4	347843.1	179668.2	46228.3	11847.8	6021.5	3926.7	2843.5	2274.0	1923.5	1660.7
-2.5°	371299.8	324960.0	173559.2	43018.4	12106.6	6069.3	3990.4	2911.2	2333.7	1959.4	1672.6
-5°	220623.8	193519.2	121070.5	30672.8	10756.6	5635.2	3823.2	2851.4	2293.9	1939.5	1664.7
-7.5°	58127.8	50322.2	33102.1	16005.5	6961.3	4767.0	3512.5	2751.9	2242.1	1903.6	1632.8
-10°	14014.2	13281.5	11863.7	7272.0	5420.1	3982.5	3114.3	2572.7	2138.6	1855.8	1581.0
-12.5°	6758.2	6598.9	5989.6	4938.2	4022.3	3309.4	2819.6	2385.5	2043.0	1772.2	1509.3
-15°	4396.6	4305.0	4097.9	3695.7	3229.8	2887.3	2544.8	2194.3	1923.5	1648.7	1449.6
-17.5°	3253.7	3249.7	3146.1	2994.8	2763.8	2508.9	2258.0	2035.0	1772.2	1537.2	1385.9
-20°	2696.1	2696.1	2636.4	2536.8	2373.5	2206.3	2039.0	1831.9	1616.9	1441.6	1377.9

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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°	2289.9	2293.9	2262.0	2198.3	2110.7	1971.3	1808.0	1640.8	1485.5	1421.7	1401.8
-25°	2027.1	2019.1	1983.3	1923.5	1831.9	1720.4	1612.9	1501.4	1457.6	1441.6	1469.5
-27.5°	1716.4	1728.4	1712.5	1684.6	1624.8	1545.2	1521.3	1489.4	1497.4	1521.3	1628.8
-30°	1533.2	1545.2	1561.1	1573.1	1553.2	1533.2	1541.2	1565.1	1616.9	1708.5	1748.3
-32.5°	1533.2	1537.2	1561.1	1585.0	1597.0	1612.9	1656.7	1736.3	1812.0	1788.1	1780.2
-35°	1672.6	1660.7	1692.5	1724.4	1768.2	1824.0	1871.8	1855.8	1827.9	1820.0	1827.9
-37.5°	2070.9	1995.2	1963.3	1943.4	1931.5	1923.5	1911.6	1899.6	1887.7	1879.7	1891.7
-40°	2066.9	2047.0	2027.1	2011.1	1999.2	1983.3	1975.3	1971.3	1959.4	1951.4	1943.4
-42.5°	2058.9	2066.9	2066.9	2062.9	2066.9	2062.9	2051.0	2035.0	2015.1	1999.2	1983.3
-45°	2118.7	2122.6	2130.6	2138.6	2150.5	2134.6	2110.7	2082.8	2054.9	2031.0	2011.1
-47.5°	2154.5	2158.5	2166.5	2178.4	2186.4	2170.4	2138.6	2102.7	2058.9	2019.1	1979.3
-50°	2166.5	2178.4	2182.4	2182.4	2178.4	2158.5	2110.7	2058.9	2011.1	1971.3	1935.5
-52.5°	2110.7	2122.6	2126.6	2118.7	2114.7	2094.8	2051.0	2003.2	1951.4	1923.5	1891.7
-55°	2019.1	2035.0	2047.0	2047.0	2047.0	2043.0	2003.2	1959.4	1919.5	1887.7	1855.8
-57.5°	1983.3	2011.1	2035.0	2039.0	2043.0	2047.0	2019.1	1975.3	1927.5	1879.7	1839.9
-60°	2114.7	2138.6	2150.5	2134.6	2122.6	2110.7	2066.9	2015.1	1967.3	1919.5	1843.9
-62.5°	2078.8	2118.7	2138.6	2126.6	2110.7	2090.8	2043.0	1983.3	1927.5	1875.7	1800.1
-65°	1963.3	1999.2	2023.1	2003.2	1979.3	1951.4	1907.6	1851.8	1800.1	1748.3	1680.6
-67.5°	1768.2	1820.0	1859.8	1816.0	1784.1	1748.3	1712.5	1664.7	1612.9	1553.2	1489.4
-70°	1461.6	1501.4	1537.2	1525.3	1517.3	1509.3	1485.5	1437.7	1393.9	1346.1	1290.3
-72.5°	1174.8	1210.7	1242.5	1222.6	1206.7	1182.8	1146.9	1095.2	1043.4	991.6	939.9
-75°	649.1	661.1	673.0	669.1	669.1	669.1	669.1	673.0	665.1	653.1	629.2
-77.5°	497.8	513.7	525.7	533.6	545.6	561.5	573.5	553.6	533.6	513.7	489.8
-80°	390.3	406.2	418.2	462.0	493.8	529.7	553.6	525.7	497.8	473.9	454.0
-82.5°	294.7	306.6	318.6	342.5	358.4	378.3	394.3	394.3	390.3	386.3	374.4
-85°	215.1	231.0	246.9	254.9	266.8	266.8	270.8	254.9	238.9	227.0	211.1
-87.5°	123.5	127.4	127.4	127.4	131.4	131.4	131.4	123.5	119.5	111.5	107.5
-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°	4.0	4.0	4.0	8.0	8.0	11.9	11.9	15.9	15.9	19.9	19.9
85°	23.9	23.9	23.9	27.9	27.9	31.9	35.8	39.8	43.8	43.8	47.8
82.5°	39.8	43.8	47.8	51.8	55.8	59.7	63.7	67.7	79.6	87.6	91.6
80°	39.8	43.8	55.8	63.7	71.7	79.6	79.6	79.6	79.6	83.6	91.6
77.5°	27.9	31.9	35.8	43.8	63.7	79.6	91.6	99.6	91.6	87.6	79.6
75°	15.9	19.9	23.9	27.9	39.8	55.8	75.7	95.6	111.5	107.5	99.6
72.5°	15.9	15.9	19.9	23.9	27.9	31.9	35.8	55.8	79.6	99.6	111.5
70°	15.9	19.9	19.9	23.9	27.9	31.9	35.8	43.8	55.8	79.6	103.5
67.5°	15.9	19.9	19.9	27.9	35.8	39.8	43.8	39.8	35.8	51.8	75.7
65°	15.9	15.9	19.9	23.9	27.9	31.9	43.8	43.8	39.8	39.8	39.8
62.5°	23.9	23.9	23.9	23.9	27.9	27.9	27.9	35.8	35.8	35.8	35.8
60°	47.8	43.8	43.8	43.8	43.8	35.8	35.8	35.8	31.9	35.8	31.9
57.5°	115.5	95.6	87.6	87.6	75.7	71.7	59.7	43.8	43.8	35.8	35.8
55°	235.0	223.0	187.2	155.3	139.4	123.5	95.6	79.6	59.7	47.8	43.8
52.5°	362.4	330.5	298.7	258.9	219.0	187.2	159.3	123.5	99.6	71.7	55.8
50°	473.9	446.0	410.2	366.4	314.6	274.8	235.0	187.2	147.4	111.5	79.6
47.5°	645.2	589.4	545.6	493.8	434.1	378.3	326.6	270.8	207.1	163.3	123.5
45°	828.3	748.7	689.0	641.2	561.5	485.9	426.1	366.4	290.7	215.1	167.3
42.5°	955.8	896.1	816.4	752.7	681.0	601.3	521.7	458.0	378.3	290.7	215.1
40°	1023.5	983.7	919.9	864.2	788.5	700.9	617.3	553.6	469.9	374.4	270.8
37.5°	1075.3	1055.3	1023.5	979.7	908.0	804.5	720.8	645.2	573.5	462.0	350.5
35°	1135.0	1131.0	1111.1	1091.2	1031.5	931.9	832.3	744.7	657.1	553.6	430.1
32.5°	1190.8	1186.8	1174.8	1166.9	1143.0	1055.3	947.8	848.3	748.7	641.2	505.8
30°	1218.6	1210.7	1210.7	1218.6	1194.7	1139.0	1059.3	951.8	840.3	712.9	585.4
27.5°	1218.6	1210.7	1214.6	1226.6	1222.6	1194.7	1135.0	1047.4	923.9	780.6	657.1
25°	1166.9	1206.7	1206.7	1222.6	1226.6	1218.6	1186.8	1131.0	1003.6	852.2	712.9
22.5°	1095.2	1190.8	1226.6	1222.6	1226.6	1246.5	1250.5	1198.7	1079.2	923.9	768.6
20°	1095.2	1162.9	1266.4	1238.5	1246.5	1290.3	1310.2	1266.4	1158.9	991.6	824.4
17.5°	1119.1	1162.9	1250.5	1294.3	1306.2	1342.1	1373.9	1346.1	1230.6	1063.3	900.0
15°	1186.8	1178.8	1238.5	1346.1	1366.0	1393.9	1429.7	1397.8	1294.3	1143.0	971.7
12.5°	1234.6	1190.8	1238.5	1354.0	1417.8	1445.6	1457.6	1433.7	1350.1	1214.6	1043.4
10°	1298.3	1222.6	1246.5	1346.1	1437.7	1457.6	1469.5	1461.6	1401.8	1274.4	1107.1
7.5°	1346.1	1238.5	1238.5	1334.1	1457.6	1473.5	1481.5	1489.4	1445.6	1326.2	1162.9
5°	1366.0	1238.5	1230.6	1322.2	1477.5	1493.4	1493.4	1505.4	1477.5	1366.0	1202.7
2.5°	1370.0	1234.6	1222.6	1314.2	1513.3	1513.3	1505.4	1517.3	1501.4	1389.9	1230.6
0°	1389.9	1230.6	1218.6	1326.2	1553.2	1537.2	1517.3	1521.3	1513.3	1401.8	1246.5
-2.5°	1389.9	1250.5	1234.6	1334.1	1549.2	1545.2	1537.2	1541.2	1533.2	1437.7	1278.4
-5°	1409.8	1278.4	1262.4	1370.0	1545.2	1557.1	1561.1	1561.1	1549.2	1461.6	1298.3
-7.5°	1413.8	1298.3	1294.3	1405.8	1553.2	1573.1	1585.0	1593.0	1569.1	1477.5	1314.2
-10°	1393.9	1306.2	1326.2	1449.6	1561.1	1589.0	1612.9	1624.8	1585.0	1485.5	1322.2
-12.5°	1350.1	1306.2	1358.0	1505.4	1581.0	1612.9	1648.7	1652.7	1600.9	1489.4	1326.2
-15°	1346.1	1338.1	1413.8	1561.1	1593.0	1632.8	1688.6	1676.6	1612.9	1489.4	1326.2
-17.5°	1342.1	1381.9	1497.4	1581.0	1612.9	1656.7	1700.5	1688.6	1620.9	1489.4	1318.2
-20°	1377.9	1453.6	1597.0	1600.9	1636.8	1684.6	1708.5	1684.6	1608.9	1477.5	1306.2

REPORT NUMBER: P723829

CATALOG NUMBER: IFLD-L-SA7C-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°	1437.7	1581.0	1628.8	1644.8	1676.6	1712.5	1724.4	1688.6	1597.0	1457.6	1286.3
-25°	1589.0	1660.7	1660.7	1696.5	1728.4	1744.3	1732.4	1692.5	1581.0	1437.7	1266.4
-27.5°	1704.5	1700.5	1720.4	1756.3	1784.1	1784.1	1752.3	1672.6	1557.1	1417.8	1238.5
-30°	1748.3	1752.3	1780.2	1820.0	1827.9	1808.0	1760.2	1656.7	1537.2	1385.9	1202.7
-32.5°	1792.1	1808.0	1843.9	1863.8	1867.8	1827.9	1740.3	1628.8	1505.4	1350.1	1162.9
-35°	1843.9	1875.7	1895.6	1899.6	1879.7	1812.0	1712.5	1593.0	1457.6	1298.3	1127.0
-37.5°	1911.6	1927.5	1939.5	1923.5	1867.8	1788.1	1664.7	1545.2	1413.8	1242.5	1075.3
-40°	1955.4	1963.3	1967.3	1915.6	1847.9	1732.4	1612.9	1489.4	1338.1	1178.8	1019.5
-42.5°	1983.3	1975.3	1943.4	1887.7	1788.1	1676.6	1561.1	1421.7	1270.4	1115.1	959.8
-45°	1975.3	1947.4	1899.6	1831.9	1728.4	1616.9	1481.5	1342.1	1198.7	1047.4	892.1
-47.5°	1943.4	1899.6	1839.9	1760.2	1664.7	1529.3	1393.9	1258.5	1119.1	971.7	828.3
-50°	1903.6	1851.8	1780.2	1680.6	1553.2	1429.7	1306.2	1174.8	1031.5	896.1	768.6
-52.5°	1859.8	1804.0	1712.5	1600.9	1461.6	1334.1	1214.6	1087.2	955.8	828.3	716.8
-55°	1812.0	1756.3	1652.7	1525.3	1385.9	1246.5	1131.0	1023.5	896.1	772.6	673.0
-57.5°	1788.1	1716.4	1608.9	1481.5	1334.1	1190.8	1091.2	975.7	860.2	732.8	637.2
-60°	1768.2	1696.5	1597.0	1449.6	1310.2	1174.8	1059.3	947.8	824.4	704.9	609.3
-62.5°	1712.5	1636.8	1545.2	1401.8	1266.4	1143.0	1039.4	908.0	788.5	677.0	589.4
-65°	1600.9	1521.3	1441.6	1314.2	1190.8	1075.3	971.7	852.2	740.7	645.2	569.5
-67.5°	1425.7	1358.0	1286.3	1178.8	1075.3	971.7	876.1	772.6	681.0	613.3	573.5
-70°	1230.6	1158.9	1087.2	999.6	912.0	828.3	752.7	677.0	617.3	581.4	549.6
-72.5°	896.1	864.2	828.3	760.6	689.0	637.2	601.3	569.5	525.7	493.8	473.9
-75°	597.4	553.6	497.8	473.9	477.9	469.9	450.0	426.1	406.2	394.3	366.4
-77.5°	465.9	442.1	414.2	386.3	374.4	362.4	346.5	326.6	310.6	282.8	242.9
-80°	430.1	410.2	390.3	370.4	350.5	322.6	290.7	258.9	242.9	231.0	227.0
-82.5°	354.4	330.5	306.6	286.7	258.9	238.9	219.0	203.1	203.1	199.1	195.1
-85°	203.1	195.1	183.2	175.2	167.3	155.3	143.4	135.4	131.4	127.4	123.5
-87.5°	103.5	99.6	91.6	87.6	83.6	79.6	71.7	67.7	63.7	63.7	59.7
-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-SA7C-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°	19.9	19.9	15.9	15.9	15.9	11.9	8.0	8.0	4.0	4.0	0.0
85°	47.8	39.8	35.8	31.9	31.9	23.9	15.9	11.9	8.0	4.0	4.0
82.5°	91.6	79.6	67.7	59.7	47.8	35.8	27.9	19.9	11.9	8.0	4.0
80°	103.5	103.5	99.6	83.6	67.7	51.8	35.8	23.9	15.9	11.9	8.0
77.5°	79.6	87.6	87.6	87.6	83.6	63.7	43.8	27.9	15.9	11.9	8.0
75°	91.6	79.6	75.7	79.6	75.7	63.7	51.8	31.9	19.9	15.9	8.0
72.5°	111.5	95.6	83.6	79.6	71.7	59.7	47.8	35.8	19.9	15.9	11.9
70°	103.5	99.6	91.6	83.6	71.7	59.7	47.8	35.8	23.9	15.9	11.9
67.5°	91.6	91.6	91.6	83.6	71.7	55.8	43.8	31.9	23.9	15.9	11.9
65°	63.7	75.7	83.6	79.6	71.7	55.8	43.8	31.9	23.9	19.9	11.9
62.5°	39.8	51.8	67.7	75.7	67.7	55.8	39.8	31.9	23.9	19.9	11.9
60°	35.8	39.8	47.8	59.7	63.7	51.8	39.8	27.9	23.9	19.9	11.9
57.5°	35.8	35.8	39.8	47.8	51.8	47.8	35.8	23.9	23.9	19.9	15.9
55°	39.8	35.8	35.8	39.8	43.8	43.8	35.8	23.9	23.9	19.9	15.9
52.5°	47.8	39.8	35.8	35.8	35.8	39.8	31.9	23.9	23.9	19.9	15.9
50°	59.7	47.8	43.8	35.8	35.8	35.8	31.9	23.9	19.9	19.9	15.9
47.5°	79.6	63.7	47.8	43.8	35.8	31.9	27.9	23.9	19.9	19.9	15.9
45°	119.5	75.7	63.7	47.8	39.8	35.8	31.9	23.9	19.9	19.9	15.9
42.5°	163.3	111.5	79.6	55.8	43.8	35.8	31.9	27.9	19.9	19.9	15.9
40°	207.1	151.3	99.6	71.7	51.8	39.8	31.9	27.9	23.9	19.9	15.9
37.5°	254.9	187.2	131.4	91.6	59.7	43.8	35.8	27.9	23.9	19.9	15.9
35°	314.6	235.0	163.3	111.5	71.7	51.8	39.8	27.9	23.9	19.9	15.9
32.5°	382.3	278.8	195.1	135.4	91.6	63.7	43.8	31.9	23.9	19.9	15.9
30°	446.0	330.5	231.0	163.3	111.5	71.7	47.8	31.9	23.9	19.9	11.9
27.5°	509.8	382.3	274.8	191.2	135.4	83.6	51.8	35.8	23.9	19.9	15.9
25°	573.5	434.1	318.6	219.0	155.3	99.6	63.7	39.8	23.9	19.9	15.9
22.5°	629.2	485.9	358.4	250.9	179.2	115.5	71.7	43.8	27.9	19.9	15.9
20°	692.9	541.6	402.2	286.7	199.1	131.4	79.6	47.8	27.9	19.9	15.9
17.5°	752.7	597.4	446.0	318.6	223.0	147.4	91.6	51.8	31.9	19.9	15.9
15°	812.4	649.1	485.9	350.5	246.9	163.3	99.6	55.8	35.8	19.9	15.9
12.5°	868.2	696.9	521.7	378.3	266.8	179.2	107.5	59.7	39.8	19.9	15.9
10°	919.9	740.7	557.5	402.2	286.7	191.2	115.5	67.7	43.8	19.9	15.9
7.5°	971.7	776.6	585.4	426.1	310.6	207.1	123.5	71.7	47.8	23.9	15.9
5°	1003.6	808.4	609.3	446.0	330.5	223.0	131.4	75.7	51.8	23.9	15.9
2.5°	1031.5	832.3	625.2	465.9	350.5	235.0	131.4	79.6	55.8	23.9	15.9
0°	1047.4	848.3	637.2	477.9	366.4	242.9	135.4	83.6	59.7	23.9	15.9
-2.5°	1083.2	876.1	665.1	493.8	382.3	266.8	143.4	87.6	63.7	27.9	15.9
-5°	1107.1	892.1	685.0	509.8	394.3	290.7	155.3	95.6	71.7	35.8	19.9
-7.5°	1127.0	908.0	700.9	517.7	406.2	298.7	159.3	99.6	75.7	39.8	19.9
-10°	1131.0	916.0	712.9	529.7	414.2	310.6	163.3	103.5	79.6	43.8	19.9
-12.5°	1135.0	923.9	716.8	537.6	422.1	318.6	167.3	107.5	83.6	47.8	19.9
-15°	1131.0	919.9	716.8	545.6	426.1	310.6	175.2	111.5	87.6	51.8	19.9
-17.5°	1123.1	916.0	712.9	541.6	422.1	302.7	179.2	119.5	87.6	55.8	23.9
-20°	1111.1	904.0	704.9	537.6	418.2	294.7	183.2	123.5	91.6	55.8	23.9



REPORT NUMBER: P723829

CATALOG NUMBER: IFLD-L-SA7C-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°	1091.2	884.1	689.0	525.7	410.2	286.7	183.2	131.4	95.6	55.8	23.9
-25°	1067.3	864.2	673.0	509.8	398.2	274.8	183.2	135.4	99.6	55.8	23.9
-27.5°	1039.4	844.3	649.1	497.8	382.3	266.8	183.2	139.4	103.5	55.8	23.9
-30°	1007.6	816.4	629.2	477.9	370.4	266.8	187.2	143.4	107.5	55.8	23.9
-32.5°	975.7	788.5	605.3	462.0	354.4	262.8	187.2	147.4	111.5	51.8	27.9
-35°	939.9	756.7	585.4	450.0	342.5	254.9	191.2	147.4	107.5	51.8	27.9
-37.5°	896.1	716.8	565.5	438.1	334.5	246.9	191.2	151.3	103.5	51.8	27.9
-40°	848.3	685.0	541.6	422.1	322.6	242.9	191.2	151.3	99.6	51.8	31.9
-42.5°	796.5	649.1	517.7	406.2	310.6	238.9	191.2	151.3	95.6	51.8	31.9
-45°	748.7	613.3	489.8	386.3	298.7	238.9	191.2	147.4	87.6	55.8	31.9
-47.5°	696.9	573.5	458.0	366.4	294.7	235.0	187.2	139.4	79.6	55.8	31.9
-50°	653.1	533.6	434.1	346.5	286.7	238.9	191.2	127.4	79.6	55.8	31.9
-52.5°	609.3	505.8	406.2	338.5	278.8	242.9	187.2	119.5	79.6	55.8	31.9
-55°	573.5	477.9	390.3	326.6	286.7	250.9	179.2	107.5	79.6	55.8	31.9
-57.5°	545.6	462.0	378.3	330.5	298.7	242.9	167.3	103.5	79.6	51.8	31.9
-60°	525.7	446.0	382.3	346.5	302.7	231.0	159.3	103.5	79.6	51.8	27.9
-62.5°	509.8	450.0	402.2	358.4	286.7	215.1	151.3	103.5	71.7	47.8	27.9
-65°	513.7	465.9	410.2	342.5	274.8	199.1	139.4	99.6	67.7	43.8	27.9
-67.5°	525.7	454.0	386.3	322.6	246.9	179.2	127.4	91.6	63.7	43.8	27.9
-70°	485.9	418.2	350.5	274.8	211.1	155.3	119.5	83.6	55.8	39.8	27.9
-72.5°	438.1	350.5	278.8	223.0	179.2	143.4	107.5	75.7	51.8	35.8	23.9
-75°	318.6	254.9	207.1	187.2	159.3	127.4	95.6	67.7	47.8	35.8	23.9
-77.5°	227.0	211.1	191.2	171.2	143.4	111.5	83.6	63.7	43.8	31.9	19.9
-80°	223.0	203.1	179.2	147.4	119.5	95.6	71.7	55.8	39.8	27.9	15.9
-82.5°	187.2	159.3	135.4	111.5	91.6	75.7	59.7	43.8	31.9	19.9	11.9
-85°	115.5	99.6	87.6	75.7	63.7	51.8	39.8	27.9	19.9	11.9	8.0
-87.5°	55.8	51.8	43.8	35.8	31.9	23.9	19.9	15.9	11.9	8.0	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: P723829

CATALOG NUMBER: IFLD-L-SA7C-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°	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°	8.0	4.0	4.0	0.0
67.5°	8.0	4.0	4.0	0.0
65°	8.0	4.0	4.0	0.0
62.5°	8.0	4.0	4.0	0.0
60°	8.0	4.0	4.0	0.0
57.5°	8.0	4.0	4.0	0.0
55°	8.0	4.0	4.0	0.0
52.5°	8.0	4.0	4.0	0.0
50°	8.0	4.0	4.0	0.0
47.5°	8.0	8.0	4.0	0.0
45°	8.0	8.0	4.0	0.0
42.5°	8.0	8.0	4.0	0.0
40°	8.0	8.0	4.0	0.0
37.5°	8.0	8.0	4.0	0.0
35°	8.0	8.0	4.0	0.0
32.5°	11.9	8.0	4.0	0.0
30°	11.9	8.0	8.0	0.0
27.5°	11.9	8.0	8.0	0.0
25°	11.9	8.0	8.0	0.0
22.5°	11.9	8.0	8.0	0.0
20°	11.9	8.0	8.0	0.0
17.5°	11.9	8.0	8.0	0.0
15°	11.9	8.0	8.0	0.0
12.5°	11.9	8.0	8.0	0.0
10°	11.9	8.0	8.0	0.0
7.5°	11.9	8.0	8.0	0.0
5°	11.9	8.0	8.0	0.0
2.5°	11.9	8.0	8.0	0.0
0°	11.9	8.0	8.0	0.0
-2.5°	11.9	8.0	8.0	0.0
-5°	11.9	8.0	8.0	0.0
-7.5°	11.9	8.0	8.0	0.0
-10°	11.9	8.0	8.0	0.0
-12.5°	15.9	8.0	8.0	0.0
-15°	15.9	8.0	8.0	0.0
-17.5°	15.9	8.0	8.0	0.0
-20°	15.9	8.0	8.0	0.0

REPORT NUMBER: P723829

CATALOG NUMBER: IFLD-L-SA7C-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	15.9	8.0	8.0	0.0
-25°	15.9	8.0	8.0	0.0
-27.5°	15.9	8.0	8.0	0.0
-30°	15.9	8.0	8.0	0.0
-32.5°	15.9	8.0	8.0	0.0
-35°	15.9	8.0	8.0	0.0
-37.5°	15.9	8.0	8.0	0.0
-40°	15.9	8.0	8.0	0.0
-42.5°	11.9	8.0	4.0	0.0
-45°	15.9	8.0	4.0	0.0
-47.5°	15.9	8.0	4.0	0.0
-50°	15.9	8.0	4.0	0.0
-52.5°	15.9	8.0	4.0	0.0
-55°	15.9	8.0	4.0	0.0
-57.5°	15.9	8.0	4.0	0.0
-60°	15.9	8.0	4.0	0.0
-62.5°	15.9	8.0	4.0	0.0
-65°	15.9	8.0	4.0	0.0
-67.5°	15.9	8.0	4.0	0.0
-70°	15.9	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°	8.0	4.0	0.0	0.0
-80°	8.0	4.0	0.0	0.0
-82.5°	8.0	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)