

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: P723856

Luminaire Tested: **IFLD-L-SA7A-830-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723856
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7A-830-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (112) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	13166.6 lumens	Max Intensity:	309764.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	60.5 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:	4774.8 lumens	Field Lumens:	7611.9 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

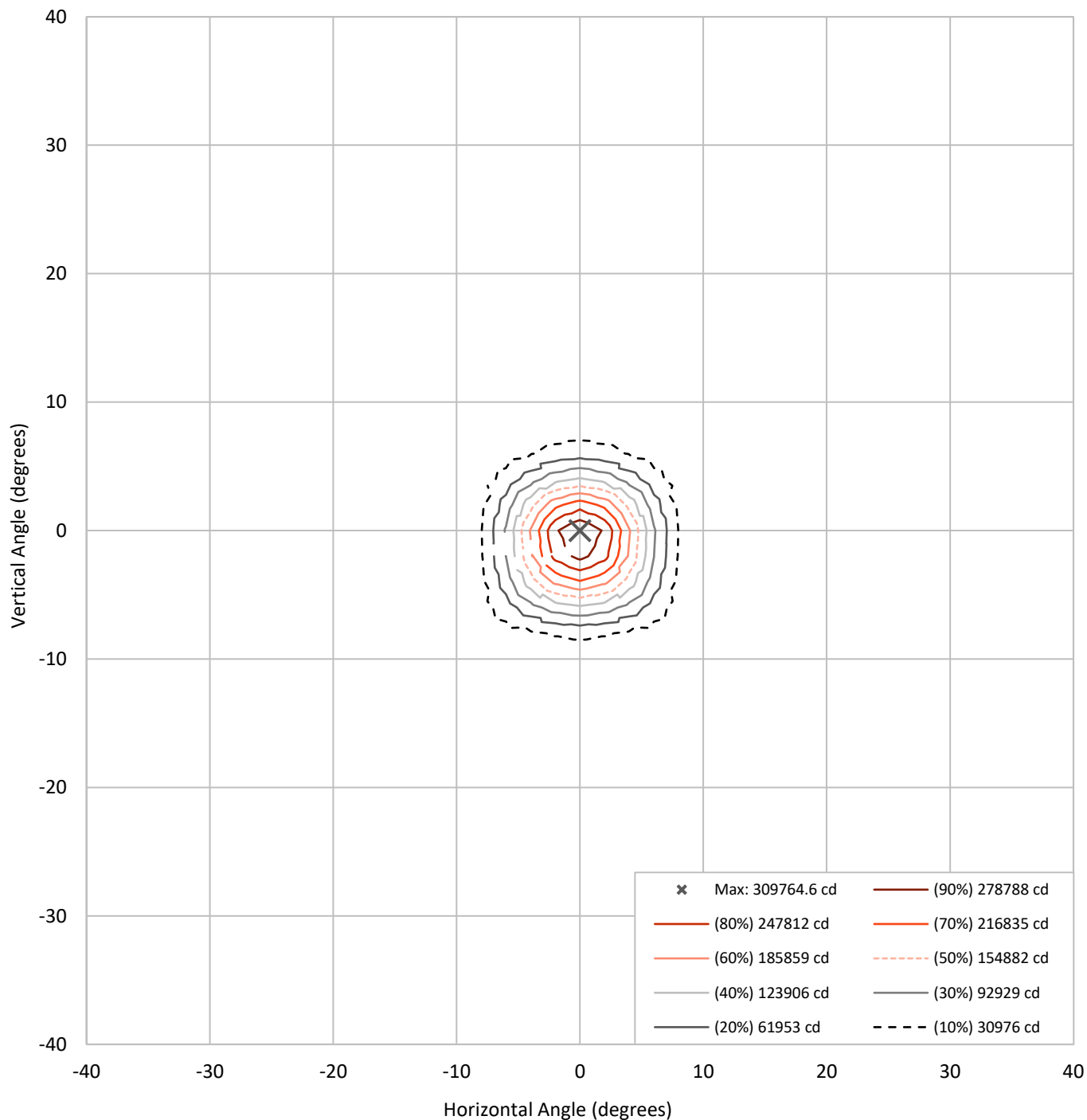
Input Watts (W): 217.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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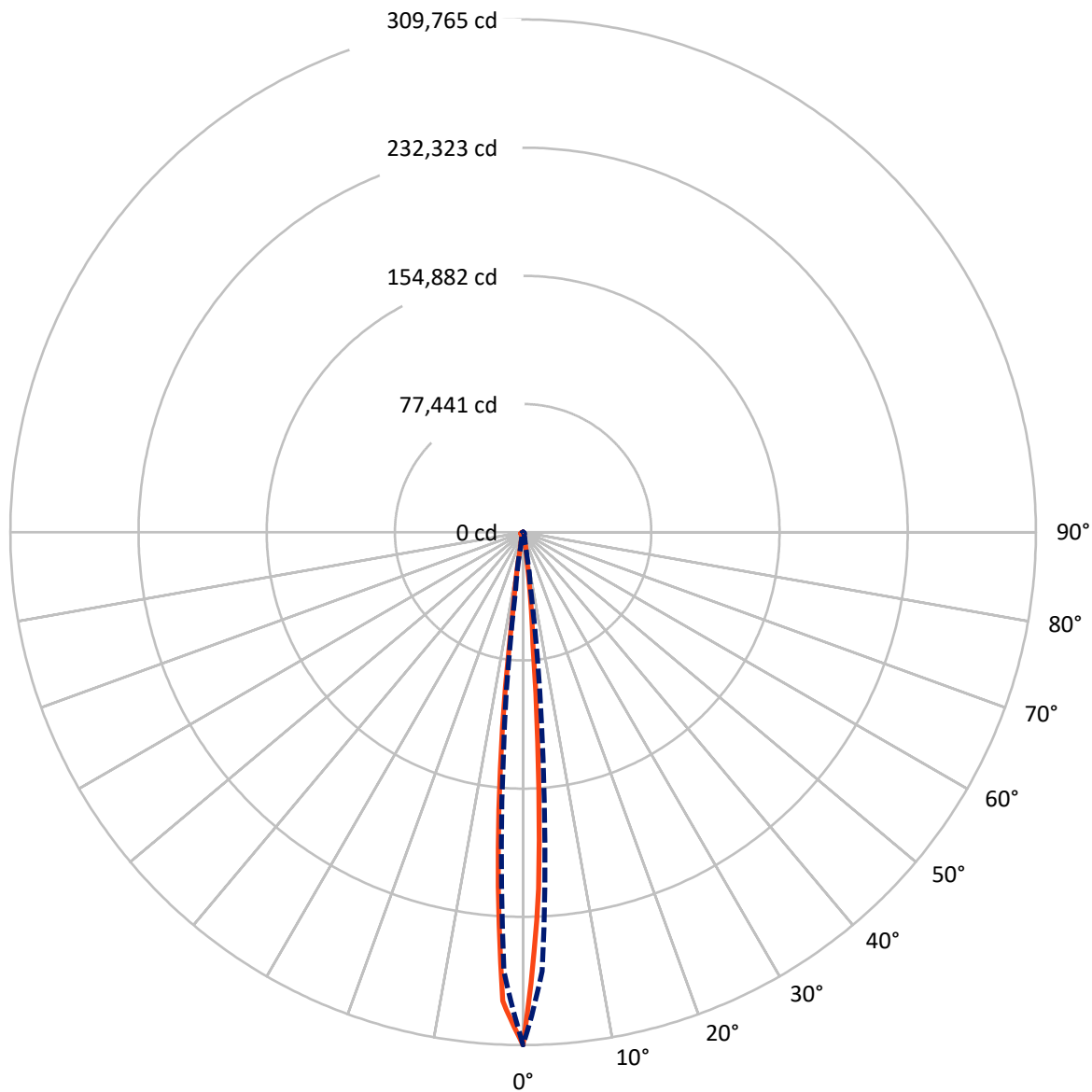
Lumen Table

90																	
80	0.2	2.9		3.2		1.2		0.3		1.2		3.2		2.9		0.2	
70	0.3	0.7	0.8	0.6	0.5	0.4	0.3	0.2	0.2	0.3	0.4	0.5	0.6	0.8	0.7	0.3	
60		0.4	0.6	1.5	3.4	5.5	7.1	8.2	8.2	7.1	5.5	3.4	1.5	0.6	0.4		
50	0.3	0.4	1.8	6.0	11.8	17.3	20.8	23.0	23.0	20.8	17.3	11.8	6.0	1.8	0.4	0.3	
40		0.9	4.6	12.3	20.0	23.5	25.4	26.3	26.3	25.4	23.5	20.0	12.3	4.6	0.9		
30	0.5	1.7	7.8	17.9	23.2	23.9	28.2	33.9	33.9	28.2	23.9	23.2	17.9	7.8	1.7	0.5	
20		2.7	10.9	22.0	24.7	27.9	49.0	83.6	83.6	49.0	27.9	24.7	22.0	10.9	2.7		
10	0.9	3.5	13.4	24.2	25.7	34.4	93.3	1728.5	1728.5	93.3	34.4	25.7	24.2	13.4	3.5	0.9	
0		4.1	14.7	25.4	26.6	35.6	100.5	2520.2	2520.2	100.5	35.6	26.6	25.4	14.7	4.1		
-10	1.3	4.4	15.1	26.8	28.8	32.1	58.4	112.1	112.1	58.4	32.1	28.8	26.8	15.1	4.4	1.3	
-20		4.1	14.3	27.1	32.3	32.4	37.8	46.1	46.1	37.8	32.4	32.3	27.1	14.3	4.1		
-30	1.4	3.6	12.7	25.9	35.5	38.7	40.3	40.7	40.7	40.3	38.7	35.5	25.9	12.7	3.6	1.4	
-40		3.2	10.2	22.0	34.3	41.7	46.7	49.0	49.0	46.7	41.7	34.3	22.0	10.2	3.2		
-50	1.1	2.9	7.9	17.1	29.2	39.3	45.6	48.2	48.2	45.6	39.3	29.2	17.1	7.9	2.9	1.1	
-60		2.7	6.9	13.9	24.4	34.3	41.5	44.9	44.9	41.5	34.3	24.4	13.9	6.9	2.7		
-70	0.5	0.7	0.8	0.6	0.5	0.4	0.3	0.2	0.2	0.3	0.4	0.5	0.6	0.8	0.7	0.5	
-80		0.4	0.6	1.5	3.4	5.5	7.1	8.2	8.2	7.1	5.5	3.4	1.5	0.6	0.4		
-90																	
Horizontal Angle (degrees)																	

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Luminous Intensity Polar Plot



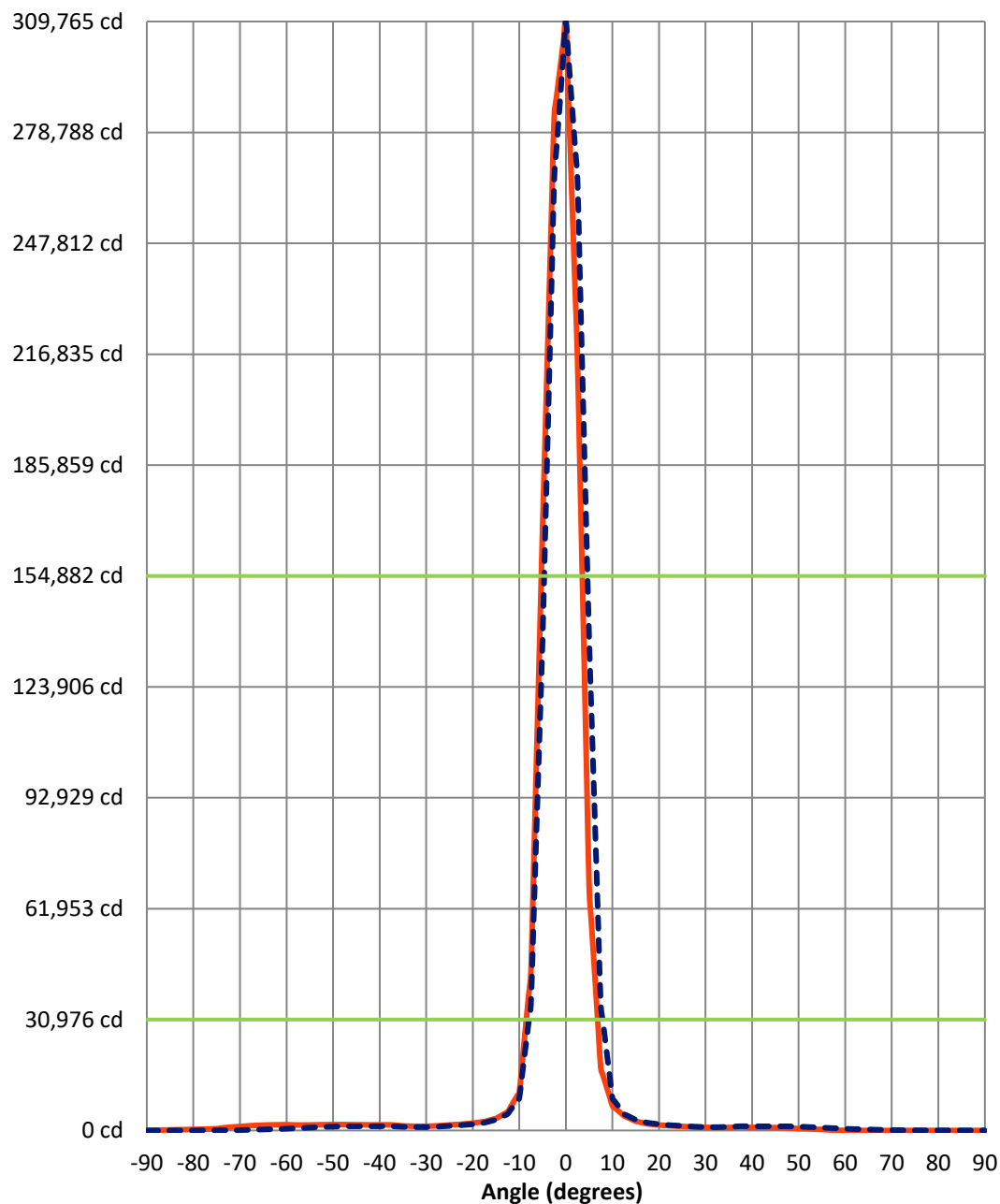
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 4774.8

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 7611.9

Efficiency: 57.8%

Spill:

Lumens: 5554.7

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	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
85°	0.0	3.0	3.0	6.1	6.1	6.1	9.1	12.2	15.2	15.2	18.2
82.5°	0.0	3.0	3.0	6.1	6.1	9.1	9.1	15.2	18.2	21.3	27.4
80°	3.0	3.0	3.0	6.1	6.1	9.1	9.1	12.2	15.2	21.3	24.3
77.5°	0.0	3.0	3.0	3.0	6.1	6.1	6.1	9.1	12.2	15.2	18.2
75°	0.0	3.0	3.0	3.0	6.1	6.1	6.1	6.1	9.1	9.1	12.2
72.5°	0.0	0.0	0.0	3.0	3.0	6.1	6.1	6.1	9.1	9.1	9.1
70°	0.0	0.0	0.0	3.0	3.0	6.1	6.1	6.1	9.1	9.1	9.1
67.5°	0.0	0.0	0.0	3.0	3.0	6.1	6.1	6.1	9.1	9.1	9.1
65°	0.0	0.0	0.0	3.0	3.0	6.1	6.1	9.1	9.1	9.1	9.1
62.5°	3.0	3.0	3.0	6.1	9.1	9.1	12.2	15.2	15.2	15.2	15.2
60°	30.4	33.4	36.5	36.5	33.4	33.4	36.5	36.5	36.5	36.5	36.5
57.5°	82.1	88.1	91.2	91.2	91.2	88.1	100.3	103.3	91.2	85.1	94.2
55°	285.7	294.8	288.7	279.6	261.4	240.1	234.0	231.0	234.0	218.8	194.5
52.5°	416.4	425.5	422.5	416.4	404.2	389.1	376.9	364.7	352.6	328.3	300.9
50°	541.0	544.1	541.0	534.9	522.8	507.6	483.3	455.9	431.6	425.5	401.2
47.5°	680.8	690.0	690.0	686.9	677.8	650.4	614.0	574.5	556.2	550.1	525.8
45°	805.5	811.5	814.6	817.6	814.6	787.2	753.8	732.5	693.0	680.8	680.8
42.5°	838.9	841.9	845.0	848.0	857.1	835.9	808.5	772.0	762.9	759.9	753.8
40°	851.1	845.0	848.0	851.1	854.1	838.9	817.6	796.3	790.3	784.2	784.2
37.5°	966.6	939.2	917.9	899.7	884.5	869.3	848.0	829.8	814.6	802.4	814.6
35°	823.7	823.7	845.0	863.2	881.4	899.7	902.7	881.4	848.0	832.8	854.1
32.5°	841.9	841.9	841.9	848.0	854.1	869.3	884.5	893.6	917.9	890.6	890.6
30°	860.2	863.2	869.3	872.3	863.2	857.1	851.1	851.1	866.2	905.8	927.0
27.5°	966.6	966.6	957.4	945.3	917.9	875.4	854.1	823.7	826.7	845.0	896.6
25°	1139.8	1133.7	1112.4	1082.1	1033.4	972.6	914.9	851.1	823.7	814.6	835.9
22.5°	1303.9	1294.8	1267.5	1240.1	1200.6	1139.8	1042.5	945.3	860.2	823.7	814.6
20°	1513.7	1492.4	1462.0	1419.4	1355.6	1294.8	1209.7	1082.1	957.4	863.2	826.7
17.5°	1851.0	1823.7	1765.9	1689.9	1580.5	1486.3	1364.7	1243.1	1103.3	951.4	869.3
15°	2589.6	2519.7	2419.4	2209.7	1993.9	1814.6	1632.2	1428.6	1285.7	1085.1	960.5
12.5°	4072.9	3881.4	3589.6	3100.3	2617.0	2200.6	1905.7	1644.4	1413.4	1227.9	1051.7
10°	6893.5	6483.2	5677.7	4340.4	3449.8	2683.9	2155.0	1805.4	1513.7	1322.2	1127.6
7.5°	17434.4	14221.7	10063.7	6872.2	4513.6	3279.6	2465.0	1957.4	1620.0	1383.0	1188.4
5°	67950.4	55974.9	29859.8	12461.8	6790.2	3966.5	2744.6	2079.0	1689.9	1428.6	1234.0
2.5°	215653.5	186231.4	97706.8	26826.4	8337.3	4468.0	2936.1	2155.0	1729.5	1462.0	1267.5
0°	309764.6	265479.5	137125.7	35282.2	9042.4	4595.7	2996.9	2170.2	1735.5	1468.1	1267.5
-2.5°	283382.0	248014.7	132463.2	32832.4	9240.0	4632.2	3045.5	2221.9	1781.1	1495.4	1276.6
-5°	168383.6	147697.0	92402.9	23410.0	8209.6	4300.9	2917.9	2176.3	1750.7	1480.2	1270.5
-7.5°	44364.1	38406.8	25264.1	12215.6	5313.0	3638.2	2680.8	2100.3	1711.2	1452.9	1246.2
-10°	10695.9	10136.6	9054.6	5550.1	4136.7	3039.5	2376.9	1963.5	1632.2	1416.4	1206.7
-12.5°	5158.0	5036.4	4571.4	3768.9	3069.9	2525.8	2151.9	1820.6	1559.2	1352.6	1152.0
-15°	3355.6	3285.7	3127.6	2820.6	2465.0	2203.6	1942.2	1674.7	1468.1	1258.3	1106.4
-17.5°	2483.2	2480.2	2401.2	2285.7	2109.4	1914.9	1723.4	1553.2	1352.6	1173.2	1057.7
-20°	2057.7	2057.7	2012.1	1936.1	1811.5	1683.9	1556.2	1398.2	1234.0	1100.3	1051.7

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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°	1747.7	1750.7	1726.4	1677.8	1610.9	1504.5	1379.9	1252.3	1133.7	1085.1	1069.9
-25°	1547.1	1541.0	1513.7	1468.1	1398.2	1313.1	1231.0	1145.9	1112.4	1100.3	1121.6
-27.5°	1310.0	1319.1	1307.0	1285.7	1240.1	1179.3	1161.1	1136.8	1142.8	1161.1	1243.1
-30°	1170.2	1179.3	1191.5	1200.6	1185.4	1170.2	1176.3	1194.5	1234.0	1303.9	1334.3
-32.5°	1170.2	1173.2	1191.5	1209.7	1218.8	1231.0	1264.4	1325.2	1383.0	1364.7	1358.6
-35°	1276.6	1267.5	1291.8	1316.1	1349.5	1392.1	1428.6	1416.4	1395.1	1389.0	1395.1
-37.5°	1580.5	1522.8	1498.5	1483.3	1474.1	1468.1	1458.9	1449.8	1440.7	1434.6	1443.7
-40°	1577.5	1562.3	1547.1	1534.9	1525.8	1513.7	1507.6	1504.5	1495.4	1489.3	1483.3
-42.5°	1571.4	1577.5	1577.5	1574.4	1577.5	1574.4	1565.3	1553.2	1538.0	1525.8	1513.7
-45°	1617.0	1620.0	1626.1	1632.2	1641.3	1629.2	1610.9	1589.6	1568.4	1550.1	1534.9
-47.5°	1644.4	1647.4	1653.5	1662.6	1668.7	1656.5	1632.2	1604.8	1571.4	1541.0	1510.6
-50°	1653.5	1662.6	1665.6	1665.6	1662.6	1647.4	1610.9	1571.4	1534.9	1504.5	1477.2
-52.5°	1610.9	1620.0	1623.1	1617.0	1614.0	1598.8	1565.3	1528.9	1489.3	1468.1	1443.7
-55°	1541.0	1553.2	1562.3	1562.3	1562.3	1559.2	1528.9	1495.4	1465.0	1440.7	1416.4
-57.5°	1513.7	1534.9	1553.2	1556.2	1559.2	1562.3	1541.0	1507.6	1471.1	1434.6	1404.2
-60°	1614.0	1632.2	1641.3	1629.2	1620.0	1610.9	1577.5	1538.0	1501.5	1465.0	1407.3
-62.5°	1586.6	1617.0	1632.2	1623.1	1610.9	1595.7	1559.2	1513.7	1471.1	1431.6	1373.8
-65°	1498.5	1525.8	1544.1	1528.9	1510.6	1489.3	1455.9	1413.4	1373.8	1334.3	1282.7
-67.5°	1349.5	1389.0	1419.4	1386.0	1361.7	1334.3	1307.0	1270.5	1231.0	1185.4	1136.8
-70°	1115.5	1145.9	1173.2	1164.1	1158.0	1152.0	1133.7	1097.2	1063.8	1027.3	984.8
-72.5°	896.6	924.0	948.3	933.1	921.0	902.7	875.4	835.9	796.3	756.8	717.3
-75°	495.4	504.6	513.7	510.6	510.6	510.6	510.6	513.7	507.6	498.5	480.2
-77.5°	379.9	392.1	401.2	407.3	416.4	428.6	437.7	422.5	407.3	392.1	373.9
-80°	297.9	310.0	319.1	352.6	376.9	404.2	422.5	401.2	379.9	361.7	346.5
-82.5°	224.9	234.0	243.2	261.4	273.6	288.7	300.9	300.9	297.9	294.8	285.7
-85°	164.1	176.3	188.4	194.5	203.6	203.6	206.7	194.5	182.4	173.2	161.1
-87.5°	94.2	97.3	97.3	97.3	100.3	100.3	100.3	94.2	91.2	85.1	82.1
-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°	3.0	3.0	3.0	6.1	6.1	9.1	9.1	12.2	12.2	15.2	15.2
85°	18.2	18.2	18.2	21.3	21.3	24.3	27.4	30.4	33.4	33.4	36.5
82.5°	30.4	33.4	36.5	39.5	42.6	45.6	48.6	51.7	60.8	66.9	69.9
80°	30.4	33.4	42.6	48.6	54.7	60.8	60.8	60.8	60.8	63.8	69.9
77.5°	21.3	24.3	27.4	33.4	48.6	60.8	69.9	76.0	69.9	66.9	60.8
75°	12.2	15.2	18.2	21.3	30.4	42.6	57.7	72.9	85.1	82.1	76.0
72.5°	12.2	12.2	15.2	18.2	21.3	24.3	27.4	42.6	60.8	76.0	85.1
70°	12.2	15.2	15.2	18.2	21.3	24.3	27.4	33.4	42.6	60.8	79.0
67.5°	12.2	15.2	15.2	21.3	27.4	30.4	33.4	30.4	27.4	39.5	57.7
65°	12.2	12.2	15.2	18.2	21.3	24.3	33.4	33.4	30.4	30.4	30.4
62.5°	18.2	18.2	18.2	18.2	21.3	21.3	21.3	27.4	27.4	27.4	27.4
60°	36.5	33.4	33.4	33.4	33.4	27.4	27.4	27.4	24.3	27.4	24.3
57.5°	88.1	72.9	66.9	66.9	57.7	54.7	45.6	33.4	33.4	27.4	27.4
55°	179.3	170.2	142.9	118.5	106.4	94.2	72.9	60.8	45.6	36.5	33.4
52.5°	276.6	252.3	228.0	197.6	167.2	142.9	121.6	94.2	76.0	54.7	42.6
50°	361.7	340.4	313.1	279.6	240.1	209.7	179.3	142.9	112.5	85.1	60.8
47.5°	492.4	449.8	416.4	376.9	331.3	288.7	249.2	206.7	158.1	124.6	94.2
45°	632.2	571.4	525.8	489.4	428.6	370.8	325.2	279.6	221.9	164.1	127.7
42.5°	729.5	683.9	623.1	574.5	519.7	459.0	398.2	349.5	288.7	221.9	164.1
40°	781.1	750.7	702.1	659.6	601.8	534.9	471.1	422.5	358.7	285.7	206.7
37.5°	820.7	805.5	781.1	747.7	693.0	614.0	550.1	492.4	437.7	352.6	267.5
35°	866.2	863.2	848.0	832.8	787.2	711.2	635.2	568.4	501.5	422.5	328.3
32.5°	908.8	905.8	896.6	890.6	872.3	805.5	723.4	647.4	571.4	489.4	386.0
30°	930.1	924.0	924.0	930.1	911.8	869.3	808.5	726.4	641.3	544.1	446.8
27.5°	930.1	924.0	927.0	936.2	933.1	911.8	866.2	799.4	705.2	595.7	501.5
25°	890.6	921.0	921.0	933.1	936.2	930.1	905.8	863.2	765.9	650.4	544.1
22.5°	835.9	908.8	936.2	933.1	936.2	951.4	954.4	914.9	823.7	705.2	586.6
20°	835.9	887.5	966.6	945.3	951.4	984.8	1000.0	966.6	884.5	756.8	629.2
17.5°	854.1	887.5	954.4	987.8	996.9	1024.3	1048.6	1027.3	939.2	811.5	686.9
15°	905.8	899.7	945.3	1027.3	1042.5	1063.8	1091.2	1066.9	987.8	872.3	741.6
12.5°	942.2	908.8	945.3	1033.4	1082.1	1103.3	1112.4	1094.2	1030.4	927.0	796.3
10°	990.9	933.1	951.4	1027.3	1097.2	1112.4	1121.6	1115.5	1069.9	972.6	845.0
7.5°	1027.3	945.3	945.3	1018.2	1112.4	1124.6	1130.7	1136.8	1103.3	1012.1	887.5
5°	1042.5	945.3	939.2	1009.1	1127.6	1139.8	1139.8	1148.9	1127.6	1042.5	917.9
2.5°	1045.6	942.2	933.1	1003.0	1155.0	1155.0	1148.9	1158.0	1145.9	1060.8	939.2
0°	1060.8	939.2	930.1	1012.1	1185.4	1173.2	1158.0	1161.1	1155.0	1069.9	951.4
-2.5°	1060.8	954.4	942.2	1018.2	1182.4	1179.3	1173.2	1176.3	1170.2	1097.2	975.7
-5°	1076.0	975.7	963.5	1045.6	1179.3	1188.4	1191.5	1191.5	1182.4	1115.5	990.9
-7.5°	1079.0	990.9	987.8	1072.9	1185.4	1200.6	1209.7	1215.8	1197.6	1127.6	1003.0
-10°	1063.8	996.9	1012.1	1106.4	1191.5	1212.7	1231.0	1240.1	1209.7	1133.7	1009.1
-12.5°	1030.4	996.9	1036.5	1148.9	1206.7	1231.0	1258.3	1261.4	1221.9	1136.8	1012.1
-15°	1027.3	1021.3	1079.0	1191.5	1215.8	1246.2	1288.7	1279.6	1231.0	1136.8	1012.1
-17.5°	1024.3	1054.7	1142.8	1206.7	1231.0	1264.4	1297.9	1288.7	1237.1	1136.8	1006.1
-20°	1051.7	1109.4	1218.8	1221.9	1249.2	1285.7	1303.9	1285.7	1227.9	1127.6	996.9

REPORT NUMBER: P723856

CATALOG NUMBER: IFLD-L-SA7A-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°	1097.2	1206.7	1243.1	1255.3	1279.6	1307.0	1316.1	1288.7	1218.8	1112.4	981.7
-25°	1212.7	1267.5	1267.5	1294.8	1319.1	1331.3	1322.2	1291.8	1206.7	1097.2	966.6
-27.5°	1300.9	1297.9	1313.1	1340.4	1361.7	1361.7	1337.4	1276.6	1188.4	1082.1	945.3
-30°	1334.3	1337.4	1358.6	1389.0	1395.1	1379.9	1343.4	1264.4	1173.2	1057.7	917.9
-32.5°	1367.8	1379.9	1407.3	1422.5	1425.5	1395.1	1328.2	1243.1	1148.9	1030.4	887.5
-35°	1407.3	1431.6	1446.8	1449.8	1434.6	1383.0	1307.0	1215.8	1112.4	990.9	860.2
-37.5°	1458.9	1471.1	1480.2	1468.1	1425.5	1364.7	1270.5	1179.3	1079.0	948.3	820.7
-40°	1492.4	1498.5	1501.5	1462.0	1410.3	1322.2	1231.0	1136.8	1021.3	899.7	778.1
-42.5°	1513.7	1507.6	1483.3	1440.7	1364.7	1279.6	1191.5	1085.1	969.6	851.1	732.5
-45°	1507.6	1486.3	1449.8	1398.2	1319.1	1234.0	1130.7	1024.3	914.9	799.4	680.8
-47.5°	1483.3	1449.8	1404.2	1343.4	1270.5	1167.2	1063.8	960.5	854.1	741.6	632.2
-50°	1452.9	1413.4	1358.6	1282.7	1185.4	1091.2	996.9	896.6	787.2	683.9	586.6
-52.5°	1419.4	1376.9	1307.0	1221.9	1115.5	1018.2	927.0	829.8	729.5	632.2	547.1
-55°	1383.0	1340.4	1261.4	1164.1	1057.7	951.4	863.2	781.1	683.9	589.7	513.7
-57.5°	1364.7	1310.0	1227.9	1130.7	1018.2	908.8	832.8	744.7	656.5	559.3	486.3
-60°	1349.5	1294.8	1218.8	1106.4	1000.0	896.6	808.5	723.4	629.2	538.0	465.0
-62.5°	1307.0	1249.2	1179.3	1069.9	966.6	872.3	793.3	693.0	601.8	516.7	449.8
-65°	1221.9	1161.1	1100.3	1003.0	908.8	820.7	741.6	650.4	565.3	492.4	434.6
-67.5°	1088.1	1036.5	981.7	899.7	820.7	741.6	668.7	589.7	519.7	468.1	437.7
-70°	939.2	884.5	829.8	762.9	696.0	632.2	574.5	516.7	471.1	443.8	419.4
-72.5°	683.9	659.6	632.2	580.5	525.8	486.3	459.0	434.6	401.2	376.9	361.7
-75°	455.9	422.5	379.9	361.7	364.7	358.7	343.5	325.2	310.0	300.9	279.6
-77.5°	355.6	337.4	316.1	294.8	285.7	276.6	264.4	249.2	237.1	215.8	185.4
-80°	328.3	313.1	297.9	282.7	267.5	246.2	221.9	197.6	185.4	176.3	173.2
-82.5°	270.5	252.3	234.0	218.8	197.6	182.4	167.2	155.0	155.0	152.0	148.9
-85°	155.0	148.9	139.8	133.7	127.7	118.5	109.4	103.3	100.3	97.3	94.2
-87.5°	79.0	76.0	69.9	66.9	63.8	60.8	54.7	51.7	48.6	48.6	45.6
-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: P723856

CATALOG NUMBER: IFLD-L-SA7A-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°	15.2	15.2	12.2	12.2	12.2	9.1	6.1	6.1	3.0	3.0	0.0
85°	36.5	30.4	27.4	24.3	24.3	18.2	12.2	9.1	6.1	3.0	3.0
82.5°	69.9	60.8	51.7	45.6	36.5	27.4	21.3	15.2	9.1	6.1	3.0
80°	79.0	79.0	76.0	63.8	51.7	39.5	27.4	18.2	12.2	9.1	6.1
77.5°	60.8	66.9	66.9	66.9	63.8	48.6	33.4	21.3	12.2	9.1	6.1
75°	69.9	60.8	57.7	60.8	57.7	48.6	39.5	24.3	15.2	12.2	6.1
72.5°	85.1	72.9	63.8	60.8	54.7	45.6	36.5	27.4	15.2	12.2	9.1
70°	79.0	76.0	69.9	63.8	54.7	45.6	36.5	27.4	18.2	12.2	9.1
67.5°	69.9	69.9	69.9	63.8	54.7	42.6	33.4	24.3	18.2	12.2	9.1
65°	48.6	57.7	63.8	60.8	54.7	42.6	33.4	24.3	18.2	15.2	9.1
62.5°	30.4	39.5	51.7	57.7	51.7	42.6	30.4	24.3	18.2	15.2	9.1
60°	27.4	30.4	36.5	45.6	48.6	39.5	30.4	21.3	18.2	15.2	9.1
57.5°	27.4	27.4	30.4	36.5	39.5	36.5	27.4	18.2	18.2	15.2	12.2
55°	30.4	27.4	27.4	30.4	33.4	33.4	27.4	18.2	18.2	15.2	12.2
52.5°	36.5	30.4	27.4	27.4	27.4	30.4	24.3	18.2	18.2	15.2	12.2
50°	45.6	36.5	33.4	27.4	27.4	27.4	24.3	18.2	15.2	15.2	12.2
47.5°	60.8	48.6	36.5	33.4	27.4	24.3	21.3	18.2	15.2	15.2	12.2
45°	91.2	57.7	48.6	36.5	30.4	27.4	24.3	18.2	15.2	15.2	12.2
42.5°	124.6	85.1	60.8	42.6	33.4	27.4	24.3	21.3	15.2	15.2	12.2
40°	158.1	115.5	76.0	54.7	39.5	30.4	24.3	21.3	18.2	15.2	12.2
37.5°	194.5	142.9	100.3	69.9	45.6	33.4	27.4	21.3	18.2	15.2	12.2
35°	240.1	179.3	124.6	85.1	54.7	39.5	30.4	21.3	18.2	15.2	12.2
32.5°	291.8	212.8	148.9	103.3	69.9	48.6	33.4	24.3	18.2	15.2	12.2
30°	340.4	252.3	176.3	124.6	85.1	54.7	36.5	24.3	18.2	15.2	9.1
27.5°	389.1	291.8	209.7	145.9	103.3	63.8	39.5	27.4	18.2	15.2	12.2
25°	437.7	331.3	243.2	167.2	118.5	76.0	48.6	30.4	18.2	15.2	12.2
22.5°	480.2	370.8	273.6	191.5	136.8	88.1	54.7	33.4	21.3	15.2	12.2
20°	528.9	413.4	307.0	218.8	152.0	100.3	60.8	36.5	21.3	15.2	12.2
17.5°	574.5	455.9	340.4	243.2	170.2	112.5	69.9	39.5	24.3	15.2	12.2
15°	620.1	495.4	370.8	267.5	188.4	124.6	76.0	42.6	27.4	15.2	12.2
12.5°	662.6	531.9	398.2	288.7	203.6	136.8	82.1	45.6	30.4	15.2	12.2
10°	702.1	565.3	425.5	307.0	218.8	145.9	88.1	51.7	33.4	15.2	12.2
7.5°	741.6	592.7	446.8	325.2	237.1	158.1	94.2	54.7	36.5	18.2	12.2
5°	765.9	617.0	465.0	340.4	252.3	170.2	100.3	57.7	39.5	18.2	12.2
2.5°	787.2	635.2	477.2	355.6	267.5	179.3	100.3	60.8	42.6	18.2	12.2
0°	799.4	647.4	486.3	364.7	279.6	185.4	103.3	63.8	45.6	18.2	12.2
-2.5°	826.7	668.7	507.6	376.9	291.8	203.6	109.4	66.9	48.6	21.3	12.2
-5°	845.0	680.8	522.8	389.1	300.9	221.9	118.5	72.9	54.7	27.4	15.2
-7.5°	860.2	693.0	534.9	395.1	310.0	228.0	121.6	76.0	57.7	30.4	15.2
-10°	863.2	699.1	544.1	404.2	316.1	237.1	124.6	79.0	60.8	33.4	15.2
-12.5°	866.2	705.2	547.1	410.3	322.2	243.2	127.7	82.1	63.8	36.5	15.2
-15°	863.2	702.1	547.1	416.4	325.2	237.1	133.7	85.1	66.9	39.5	15.2
-17.5°	857.1	699.1	544.1	413.4	322.2	231.0	136.8	91.2	66.9	42.6	18.2
-20°	848.0	690.0	538.0	410.3	319.1	224.9	139.8	94.2	69.9	42.6	18.2

REPORT NUMBER: P723856

CATALOG NUMBER: IFLD-L-SA7A-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°	832.8	674.8	525.8	401.2	313.1	218.8	139.8	100.3	72.9	42.6	18.2
-25°	814.6	659.6	513.7	389.1	303.9	209.7	139.8	103.3	76.0	42.6	18.2
-27.5°	793.3	644.4	495.4	379.9	291.8	203.6	139.8	106.4	79.0	42.6	18.2
-30°	769.0	623.1	480.2	364.7	282.7	203.6	142.9	109.4	82.1	42.6	18.2
-32.5°	744.7	601.8	462.0	352.6	270.5	200.6	142.9	112.5	85.1	39.5	21.3
-35°	717.3	577.5	446.8	343.5	261.4	194.5	145.9	112.5	82.1	39.5	21.3
-37.5°	683.9	547.1	431.6	334.3	255.3	188.4	145.9	115.5	79.0	39.5	21.3
-40°	647.4	522.8	413.4	322.2	246.2	185.4	145.9	115.5	76.0	39.5	24.3
-42.5°	607.9	495.4	395.1	310.0	237.1	182.4	145.9	115.5	72.9	39.5	24.3
-45°	571.4	468.1	373.9	294.8	228.0	182.4	145.9	112.5	66.9	42.6	24.3
-47.5°	531.9	437.7	349.5	279.6	224.9	179.3	142.9	106.4	60.8	42.6	24.3
-50°	498.5	407.3	331.3	264.4	218.8	182.4	145.9	97.3	60.8	42.6	24.3
-52.5°	465.0	386.0	310.0	258.4	212.8	185.4	142.9	91.2	60.8	42.6	24.3
-55°	437.7	364.7	297.9	249.2	218.8	191.5	136.8	82.1	60.8	42.6	24.3
-57.5°	416.4	352.6	288.7	252.3	228.0	185.4	127.7	79.0	60.8	39.5	24.3
-60°	401.2	340.4	291.8	264.4	231.0	176.3	121.6	79.0	60.8	39.5	21.3
-62.5°	389.1	343.5	307.0	273.6	218.8	164.1	115.5	79.0	54.7	36.5	21.3
-65°	392.1	355.6	313.1	261.4	209.7	152.0	106.4	76.0	51.7	33.4	21.3
-67.5°	401.2	346.5	294.8	246.2	188.4	136.8	97.3	69.9	48.6	33.4	21.3
-70°	370.8	319.1	267.5	209.7	161.1	118.5	91.2	63.8	42.6	30.4	21.3
-72.5°	334.3	267.5	212.8	170.2	136.8	109.4	82.1	57.7	39.5	27.4	18.2
-75°	243.2	194.5	158.1	142.9	121.6	97.3	72.9	51.7	36.5	27.4	18.2
-77.5°	173.2	161.1	145.9	130.7	109.4	85.1	63.8	48.6	33.4	24.3	15.2
-80°	170.2	155.0	136.8	112.5	91.2	72.9	54.7	42.6	30.4	21.3	12.2
-82.5°	142.9	121.6	103.3	85.1	69.9	57.7	45.6	33.4	24.3	15.2	9.1
-85°	88.1	76.0	66.9	57.7	48.6	39.5	30.4	21.3	15.2	9.1	6.1
-87.5°	42.6	39.5	33.4	27.4	24.3	18.2	15.2	12.2	9.1	6.1	3.0
-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: P723856

CATALOG NUMBER: IFLD-L-SA7A-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°	3.0	0.0	0.0	0.0
80°	3.0	0.0	0.0	0.0
77.5°	3.0	0.0	0.0	0.0
75°	3.0	3.0	0.0	0.0
72.5°	3.0	3.0	0.0	0.0
70°	6.1	3.0	3.0	0.0
67.5°	6.1	3.0	3.0	0.0
65°	6.1	3.0	3.0	0.0
62.5°	6.1	3.0	3.0	0.0
60°	6.1	3.0	3.0	0.0
57.5°	6.1	3.0	3.0	0.0
55°	6.1	3.0	3.0	0.0
52.5°	6.1	3.0	3.0	0.0
50°	6.1	3.0	3.0	0.0
47.5°	6.1	6.1	3.0	0.0
45°	6.1	6.1	3.0	0.0
42.5°	6.1	6.1	3.0	0.0
40°	6.1	6.1	3.0	0.0
37.5°	6.1	6.1	3.0	0.0
35°	6.1	6.1	3.0	0.0
32.5°	9.1	6.1	3.0	0.0
30°	9.1	6.1	6.1	0.0
27.5°	9.1	6.1	6.1	0.0
25°	9.1	6.1	6.1	0.0
22.5°	9.1	6.1	6.1	0.0
20°	9.1	6.1	6.1	0.0
17.5°	9.1	6.1	6.1	0.0
15°	9.1	6.1	6.1	0.0
12.5°	9.1	6.1	6.1	0.0
10°	9.1	6.1	6.1	0.0
7.5°	9.1	6.1	6.1	0.0
5°	9.1	6.1	6.1	0.0
2.5°	9.1	6.1	6.1	0.0
0°	9.1	6.1	6.1	0.0
-2.5°	9.1	6.1	6.1	0.0
-5°	9.1	6.1	6.1	0.0
-7.5°	9.1	6.1	6.1	0.0
-10°	9.1	6.1	6.1	0.0
-12.5°	12.2	6.1	6.1	0.0
-15°	12.2	6.1	6.1	0.0
-17.5°	12.2	6.1	6.1	0.0
-20°	12.2	6.1	6.1	0.0



REPORT NUMBER: P723856

CATALOG NUMBER: IFLD-L-SA7A-830-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	12.2	6.1	6.1	0.0
-25°	12.2	6.1	6.1	0.0
-27.5°	12.2	6.1	6.1	0.0
-30°	12.2	6.1	6.1	0.0
-32.5°	12.2	6.1	6.1	0.0
-35°	12.2	6.1	6.1	0.0
-37.5°	12.2	6.1	6.1	0.0
-40°	12.2	6.1	6.1	0.0
-42.5°	9.1	6.1	3.0	0.0
-45°	12.2	6.1	3.0	0.0
-47.5°	12.2	6.1	3.0	0.0
-50°	12.2	6.1	3.0	0.0
-52.5°	12.2	6.1	3.0	0.0
-55°	12.2	6.1	3.0	0.0
-57.5°	12.2	6.1	3.0	0.0
-60°	12.2	6.1	3.0	0.0
-62.5°	12.2	6.1	3.0	0.0
-65°	12.2	6.1	3.0	0.0
-67.5°	12.2	6.1	3.0	0.0
-70°	12.2	3.0	3.0	0.0
-72.5°	9.1	3.0	3.0	0.0
-75°	9.1	3.0	3.0	0.0
-77.5°	6.1	3.0	0.0	0.0
-80°	6.1	3.0	0.0	0.0
-82.5°	6.1	3.0	0.0	0.0
-85°	3.0	0.0	0.0	0.0
-87.5°	3.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)