

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: P723826

Luminaire Tested: **IFLD-M-SA4E-827-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723826
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4E-827-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (64) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	14089.2 lumens	Max Intensity:	331468.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	44.8 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' 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:	5109.3 lumens	Field Lumens:	8145.2 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

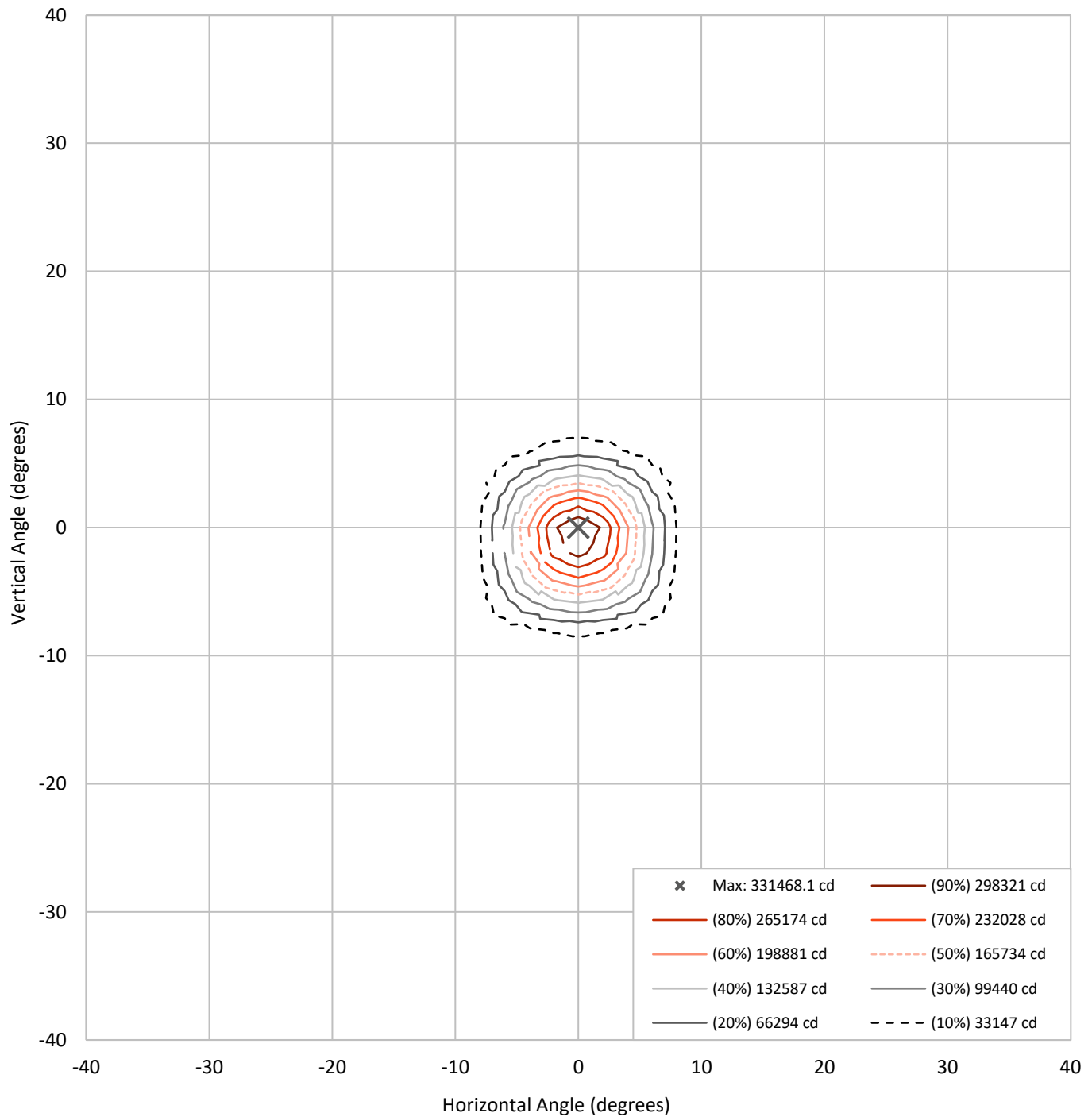
Input Watts (W): 314.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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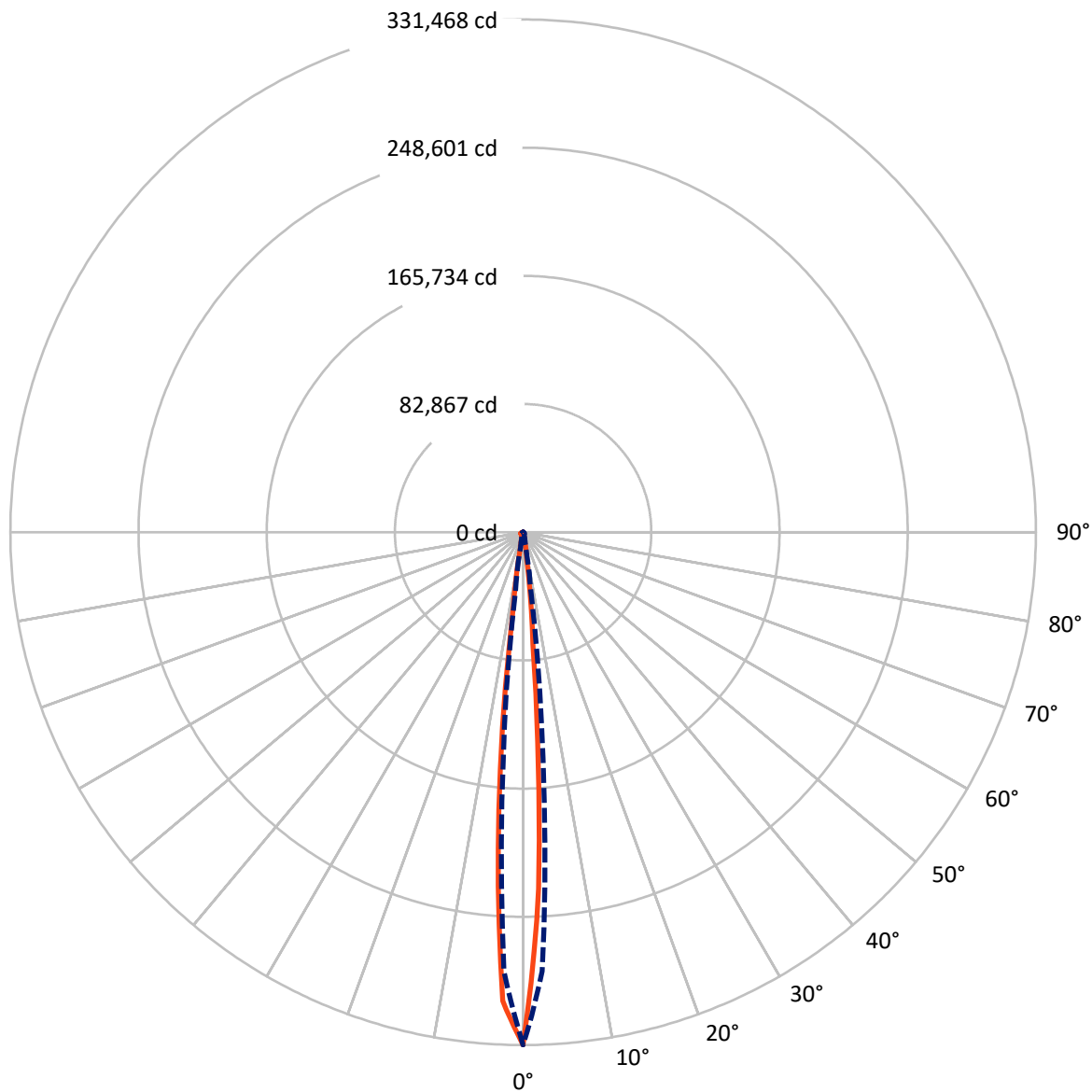
Lumen Table

90																
80	0.2	3.1		3.4		1.3		0.4		1.3		3.4		3.1		0.2
70																
60	0.4	0.7	0.9	0.7	0.6	0.4	0.4	0.2	0.2	0.4	0.4	0.6	0.7	0.9	0.7	0.4
50		0.4	0.6	1.6	3.6	5.9	7.6	8.7	8.7	7.6	5.9	3.6	1.6	0.6	0.4	
40	0.4	0.5	1.9	6.4	12.6	18.5	22.2	24.6	24.6	22.2	18.5	12.6	6.4	1.9	0.5	0.4
30		0.9	4.9	13.2	21.4	25.2	27.2	28.1	28.1	27.2	25.2	21.4	13.2	4.9	0.9	
20	0.6	1.8	8.3	19.2	24.8	25.6	30.2	36.3	36.3	30.2	25.6	24.8	19.2	8.3	1.8	0.6
10		2.9	11.7	23.6	26.5	29.9	52.5	89.4	89.4	52.5	29.9	26.5	23.6	11.7	2.9	
0	0.9	3.7	14.4	25.9	27.4	36.9	99.8	1849.6	1849.6	99.8	36.9	27.4	25.9	14.4	3.7	0.9
-10		4.4	15.7	27.2	28.5	38.1	107.5	2696.8	2696.8	107.5	38.1	28.5	27.2	15.7	4.4	
-20	1.4	4.7	16.1	28.6	30.8	34.4	62.5	120.0	120.0	62.5	34.4	30.8	28.6	16.1	4.7	1.4
-30		4.4	15.3	29.0	34.6	34.6	40.5	49.4	49.4	40.5	34.6	34.6	29.0	15.3	4.4	
-40	1.5	3.9	13.5	27.7	38.0	41.4	43.2	43.5	43.5	43.2	41.4	38.0	27.7	13.5	3.9	1.5
-50		3.4	10.9	23.5	36.7	44.6	50.0	52.4	52.4	50.0	44.6	36.7	23.5	10.9	3.4	
-60	1.2	3.1	8.4	18.2	31.3	42.0	48.8	51.6	51.6	48.8	42.0	31.3	18.2	8.4	3.1	1.2
-70		2.9	7.4	14.9	26.1	36.7	44.4	48.0	48.0	44.4	36.7	26.1	14.9	7.4	2.9	
-80	0.5	8.7		26.0		48.1		53.1		48.1		26.0		8.7		0.5
-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



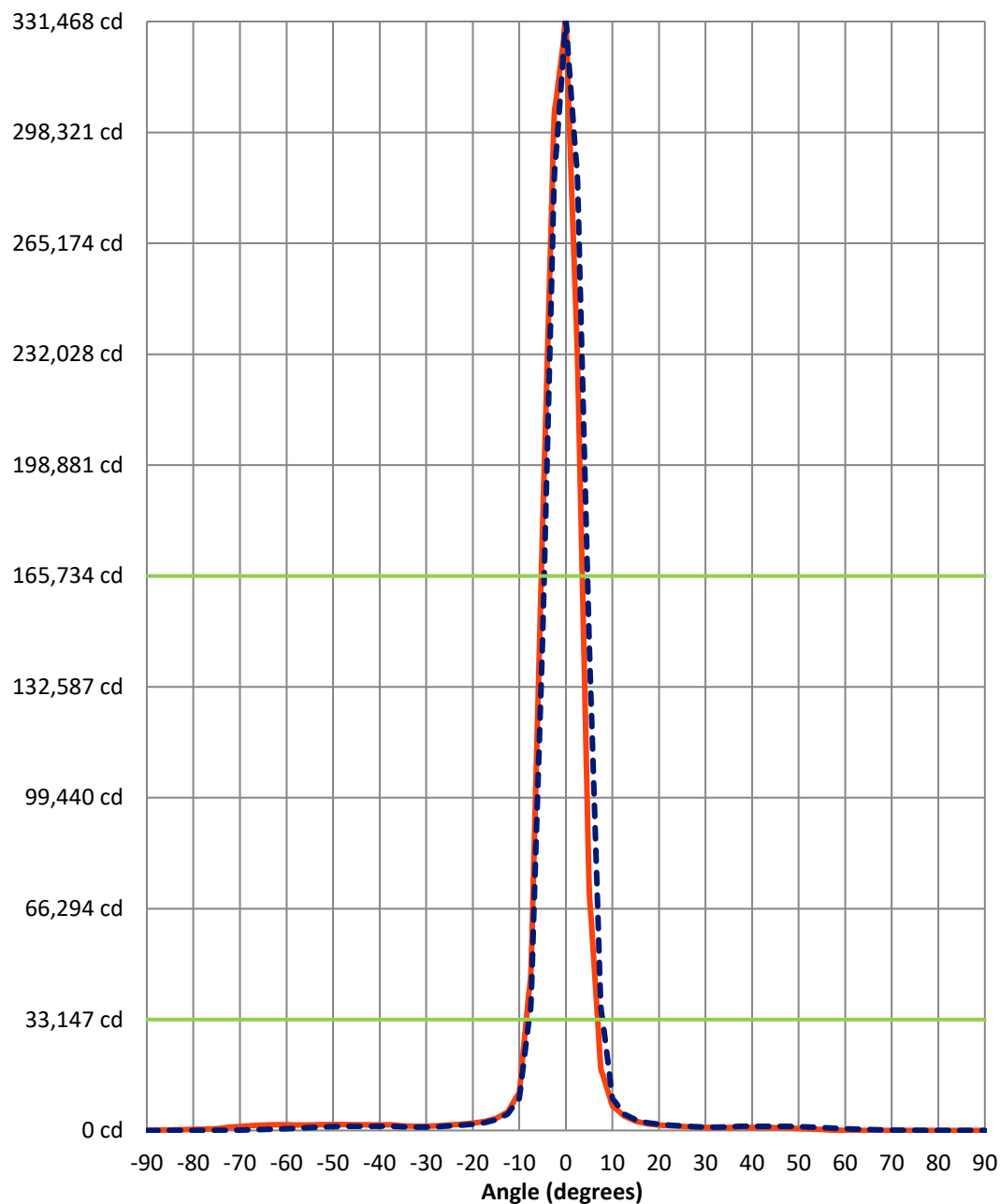
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 5109.3

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 8145.2

Efficiency: 57.8%

Spill:

Lumens: 5943.9

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	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
85°	0.0	3.3	3.3	6.5	6.5	6.5	9.8	13.0	16.3	16.3	19.5
82.5°	0.0	3.3	3.3	6.5	6.5	9.8	9.8	16.3	19.5	22.8	29.3
80°	3.3	3.3	3.3	6.5	6.5	9.8	9.8	13.0	16.3	22.8	26.0
77.5°	0.0	3.3	3.3	3.3	6.5	6.5	6.5	9.8	13.0	16.3	19.5
75°	0.0	3.3	3.3	3.3	6.5	6.5	6.5	6.5	9.8	9.8	13.0
72.5°	0.0	0.0	0.0	3.3	3.3	6.5	6.5	6.5	9.8	9.8	9.8
70°	0.0	0.0	0.0	3.3	3.3	6.5	6.5	6.5	9.8	9.8	9.8
67.5°	0.0	0.0	0.0	3.3	3.3	6.5	6.5	6.5	9.8	9.8	9.8
65°	0.0	0.0	0.0	3.3	3.3	6.5	6.5	9.8	9.8	9.8	9.8
62.5°	3.3	3.3	3.3	6.5	9.8	9.8	13.0	16.3	16.3	16.3	16.3
60°	32.5	35.8	39.0	39.0	35.8	35.8	39.0	39.0	39.0	39.0	39.0
57.5°	87.8	94.3	97.6	97.6	97.6	94.3	107.3	110.6	97.6	91.1	100.8
55°	305.7	315.5	309.0	299.2	279.7	256.9	250.4	247.2	250.4	234.2	208.2
52.5°	445.6	455.3	452.1	445.6	432.6	416.3	403.3	390.3	377.3	351.3	322.0
50°	578.9	582.2	578.9	572.4	559.4	543.2	517.1	487.9	461.8	455.3	429.3
47.5°	728.5	738.3	738.3	735.0	725.3	696.0	657.0	614.7	595.2	588.7	562.7
45°	861.9	868.4	871.7	874.9	871.7	842.4	806.6	783.8	741.6	728.5	728.5
42.5°	897.7	900.9	904.2	907.4	917.2	894.4	865.1	826.1	816.4	813.1	806.6
40°	910.7	904.2	907.4	910.7	913.9	897.7	874.9	852.1	845.6	839.1	839.1
37.5°	1034.3	1005.0	982.2	962.7	946.5	930.2	907.4	887.9	871.7	858.6	871.7
35°	881.4	881.4	904.2	923.7	943.2	962.7	966.0	943.2	907.4	891.2	913.9
32.5°	900.9	900.9	900.9	907.4	913.9	930.2	946.5	956.2	982.2	953.0	953.0
30°	920.4	923.7	930.2	933.4	923.7	917.2	910.7	910.7	926.9	969.2	992.0
27.5°	1034.3	1034.3	1024.5	1011.5	982.2	936.7	913.9	881.4	884.7	904.2	959.5
25°	1219.7	1213.2	1190.4	1157.9	1105.8	1040.8	979.0	910.7	881.4	871.7	894.4
22.5°	1395.3	1385.5	1356.3	1327.0	1284.7	1219.7	1115.6	1011.5	920.4	881.4	871.7
20°	1619.7	1596.9	1564.4	1518.9	1450.6	1385.5	1294.5	1157.9	1024.5	923.7	884.7
17.5°	1980.7	1951.5	1889.7	1808.4	1691.3	1590.4	1460.3	1330.2	1180.6	1018.0	930.2
15°	2771.1	2696.3	2588.9	2364.5	2133.6	1941.7	1746.6	1528.6	1375.8	1161.1	1027.8
12.5°	4358.3	4153.4	3841.1	3317.5	2800.3	2354.8	2039.3	1759.6	1512.4	1314.0	1125.3
10°	7376.5	6937.4	6075.5	4644.5	3691.5	2871.9	2306.0	1931.9	1619.7	1414.8	1206.7
7.5°	18655.9	15218.1	10768.8	7353.7	4829.9	3509.4	2637.7	2094.6	1733.5	1479.9	1271.7
5°	72711.3	59896.7	31951.9	13335.0	7265.9	4244.4	2936.9	2224.7	1808.4	1528.6	1320.5
2.5°	230763.1	199279.6	104552.6	28705.9	8921.4	4781.1	3141.8	2306.0	1850.6	1564.4	1356.3
0°	331468.1	284080.2	146733.4	37754.2	9676.0	4917.7	3206.9	2322.2	1857.1	1570.9	1356.3
-2.5°	303237.0	265391.7	141744.1	35132.7	9887.4	4956.7	3258.9	2377.5	1905.9	1600.2	1366.0
-5°	180181.3	158045.3	98877.1	25050.2	8784.8	4602.2	3122.3	2328.7	1873.4	1583.9	1359.5
-7.5°	47472.5	41097.7	27034.2	13071.5	5685.2	3893.2	2868.6	2247.4	1831.1	1554.7	1333.5
-10°	11445.3	10846.9	9689.0	5938.9	4426.6	3252.4	2543.4	2101.1	1746.6	1515.6	1291.2
-12.5°	5519.4	5389.3	4891.7	4033.0	3285.0	2702.8	2302.7	1948.2	1668.5	1447.3	1232.7
-15°	3590.7	3515.9	3346.7	3018.3	2637.7	2358.0	2078.3	1792.1	1570.9	1346.5	1183.9
-17.5°	2657.2	2654.0	2569.4	2445.8	2257.2	2049.0	1844.1	1662.0	1447.3	1255.4	1131.8
-20°	2201.9	2201.9	2153.1	2071.8	1938.4	1801.8	1665.2	1496.1	1320.5	1177.4	1125.3

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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°	1870.1	1873.4	1847.4	1795.3	1723.8	1610.0	1476.6	1340.0	1213.2	1161.1	1144.9
-25°	1655.5	1649.0	1619.7	1570.9	1496.1	1405.0	1317.2	1226.2	1190.4	1177.4	1200.1
-27.5°	1401.8	1411.6	1398.5	1375.8	1327.0	1261.9	1242.4	1216.4	1222.9	1242.4	1330.2
-30°	1252.2	1261.9	1275.0	1284.7	1268.4	1252.2	1258.7	1278.2	1320.5	1395.3	1427.8
-32.5°	1252.2	1255.4	1275.0	1294.5	1304.2	1317.2	1353.0	1418.1	1479.9	1460.3	1453.8
-35°	1366.0	1356.3	1382.3	1408.3	1444.1	1489.6	1528.6	1515.6	1492.9	1486.4	1492.9
-37.5°	1691.3	1629.5	1603.4	1587.2	1577.4	1570.9	1561.2	1551.4	1541.7	1535.1	1544.9
-40°	1688.0	1671.7	1655.5	1642.5	1632.7	1619.7	1613.2	1610.0	1600.2	1593.7	1587.2
-42.5°	1681.5	1688.0	1688.0	1684.8	1688.0	1684.8	1675.0	1662.0	1645.7	1632.7	1619.7
-45°	1730.3	1733.5	1740.0	1746.6	1756.3	1743.3	1723.8	1701.0	1678.3	1658.7	1642.5
-47.5°	1759.6	1762.8	1769.3	1779.1	1785.6	1772.6	1746.6	1717.3	1681.5	1649.0	1616.5
-50°	1769.3	1779.1	1782.3	1782.3	1779.1	1762.8	1723.8	1681.5	1642.5	1610.0	1580.7
-52.5°	1723.8	1733.5	1736.8	1730.3	1727.0	1710.8	1675.0	1636.0	1593.7	1570.9	1544.9
-55°	1649.0	1662.0	1671.7	1671.7	1671.7	1668.5	1636.0	1600.2	1567.7	1541.7	1515.6
-57.5°	1619.7	1642.5	1662.0	1665.2	1668.5	1671.7	1649.0	1613.2	1574.2	1535.1	1502.6
-60°	1727.0	1746.6	1756.3	1743.3	1733.5	1723.8	1688.0	1645.7	1606.7	1567.7	1505.9
-62.5°	1697.8	1730.3	1746.6	1736.8	1723.8	1707.5	1668.5	1619.7	1574.2	1531.9	1470.1
-65°	1603.4	1632.7	1652.2	1636.0	1616.5	1593.7	1557.9	1512.4	1470.1	1427.8	1372.5
-67.5°	1444.1	1486.4	1518.9	1483.1	1457.1	1427.8	1398.5	1359.5	1317.2	1268.4	1216.4
-70°	1193.6	1226.2	1255.4	1245.7	1239.2	1232.7	1213.2	1174.1	1138.4	1099.3	1053.8
-72.5°	959.5	988.7	1014.8	998.5	985.5	966.0	936.7	894.4	852.1	809.9	767.6
-75°	530.1	539.9	549.7	546.4	546.4	546.4	546.4	549.7	543.2	533.4	513.9
-77.5°	406.6	419.6	429.3	435.8	445.6	458.6	468.3	452.1	435.8	419.6	400.0
-80°	318.7	331.7	341.5	377.3	403.3	432.6	452.1	429.3	406.6	387.0	370.8
-82.5°	240.7	250.4	260.2	279.7	292.7	309.0	322.0	322.0	318.7	315.5	305.7
-85°	175.6	188.6	201.7	208.2	217.9	217.9	221.2	208.2	195.1	185.4	172.4
-87.5°	100.8	104.1	104.1	104.1	107.3	107.3	107.3	100.8	97.6	91.1	87.8
-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°	3.3	3.3	3.3	6.5	6.5	9.8	9.8	13.0	13.0	16.3	16.3
85°	19.5	19.5	19.5	22.8	22.8	26.0	29.3	32.5	35.8	35.8	39.0
82.5°	32.5	35.8	39.0	42.3	45.5	48.8	52.0	55.3	65.0	71.6	74.8
80°	32.5	35.8	45.5	52.0	58.5	65.0	65.0	65.0	65.0	68.3	74.8
77.5°	22.8	26.0	29.3	35.8	52.0	65.0	74.8	81.3	74.8	71.6	65.0
75°	13.0	16.3	19.5	22.8	32.5	45.5	61.8	78.1	91.1	87.8	81.3
72.5°	13.0	13.0	16.3	19.5	22.8	26.0	29.3	45.5	65.0	81.3	91.1
70°	13.0	16.3	16.3	19.5	22.8	26.0	29.3	35.8	45.5	65.0	84.6
67.5°	13.0	16.3	16.3	22.8	29.3	32.5	35.8	32.5	29.3	42.3	61.8
65°	13.0	13.0	16.3	19.5	22.8	26.0	35.8	35.8	32.5	32.5	32.5
62.5°	19.5	19.5	19.5	19.5	22.8	22.8	22.8	29.3	29.3	29.3	29.3
60°	39.0	35.8	35.8	35.8	35.8	29.3	29.3	29.3	26.0	29.3	26.0
57.5°	94.3	78.1	71.6	71.6	61.8	58.5	48.8	35.8	35.8	29.3	29.3
55°	191.9	182.1	152.9	126.8	113.8	100.8	78.1	65.0	48.8	39.0	35.8
52.5°	296.0	270.0	243.9	211.4	178.9	152.9	130.1	100.8	81.3	58.5	45.5
50°	387.0	364.3	335.0	299.2	256.9	224.4	191.9	152.9	120.3	91.1	65.0
47.5°	526.9	481.4	445.6	403.3	354.5	309.0	266.7	221.2	169.1	133.3	100.8
45°	676.5	611.5	562.7	523.6	458.6	396.8	348.0	299.2	237.4	175.6	136.6
42.5°	780.6	731.8	666.7	614.7	556.2	491.1	426.1	374.0	309.0	237.4	175.6
40°	835.9	803.4	751.3	705.8	644.0	572.4	504.1	452.1	383.8	305.7	221.2
37.5°	878.2	861.9	835.9	800.1	741.6	657.0	588.7	526.9	468.3	377.3	286.2
35°	926.9	923.7	907.4	891.2	842.4	761.1	679.8	608.2	536.7	452.1	351.3
32.5°	972.5	969.2	959.5	953.0	933.4	861.9	774.1	692.8	611.5	523.6	413.1
30°	995.2	988.7	988.7	995.2	975.7	930.2	865.1	777.3	686.3	582.2	478.1
27.5°	995.2	988.7	992.0	1001.7	998.5	975.7	926.9	855.4	754.6	637.5	536.7
25°	953.0	985.5	985.5	998.5	1001.7	995.2	969.2	923.7	819.6	696.0	582.2
22.5°	894.4	972.5	1001.7	998.5	1001.7	1018.0	1021.3	979.0	881.4	754.6	627.7
20°	894.4	949.7	1034.3	1011.5	1018.0	1053.8	1070.0	1034.3	946.5	809.9	673.3
17.5°	913.9	949.7	1021.3	1057.0	1066.8	1096.1	1122.1	1099.3	1005.0	868.4	735.0
15°	969.2	962.7	1011.5	1099.3	1115.6	1138.4	1167.6	1141.6	1057.0	933.4	793.6
12.5°	1008.3	972.5	1011.5	1105.8	1157.9	1180.6	1190.4	1170.9	1102.6	992.0	852.1
10°	1060.3	998.5	1018.0	1099.3	1174.1	1190.4	1200.1	1193.6	1144.9	1040.8	904.2
7.5°	1099.3	1011.5	1011.5	1089.6	1190.4	1203.4	1209.9	1216.4	1180.6	1083.1	949.7
5°	1115.6	1011.5	1005.0	1079.8	1206.7	1219.7	1219.7	1229.4	1206.7	1115.6	982.2
2.5°	1118.8	1008.3	998.5	1073.3	1235.9	1235.9	1229.4	1239.2	1226.2	1135.1	1005.0
0°	1135.1	1005.0	995.2	1083.1	1268.4	1255.4	1239.2	1242.4	1235.9	1144.9	1018.0
-2.5°	1135.1	1021.3	1008.3	1089.6	1265.2	1261.9	1255.4	1258.7	1252.2	1174.1	1044.0
-5°	1151.4	1044.0	1031.0	1118.8	1261.9	1271.7	1275.0	1275.0	1265.2	1193.6	1060.3
-7.5°	1154.6	1060.3	1057.0	1148.1	1268.4	1284.7	1294.5	1301.0	1281.5	1206.7	1073.3
-10°	1138.4	1066.8	1083.1	1183.9	1275.0	1297.7	1317.2	1327.0	1294.5	1213.2	1079.8
-12.5°	1102.6	1066.8	1109.1	1229.4	1291.2	1317.2	1346.5	1349.8	1307.5	1216.4	1083.1
-15°	1099.3	1092.8	1154.6	1275.0	1301.0	1333.5	1379.0	1369.3	1317.2	1216.4	1083.1
-17.5°	1096.1	1128.6	1222.9	1291.2	1317.2	1353.0	1388.8	1379.0	1323.7	1216.4	1076.6
-20°	1125.3	1187.1	1304.2	1307.5	1336.7	1375.8	1395.3	1375.8	1314.0	1206.7	1066.8



REPORT NUMBER: P723826

CATALOG NUMBER: IFLD-M-SA4E-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°	1174.1	1291.2	1330.2	1343.3	1369.3	1398.5	1408.3	1379.0	1304.2	1190.4	1050.5
-25°	1297.7	1356.3	1356.3	1385.5	1411.6	1424.6	1414.8	1382.3	1291.2	1174.1	1034.3
-27.5°	1392.0	1388.8	1405.0	1434.3	1457.1	1457.1	1431.1	1366.0	1271.7	1157.9	1011.5
-30°	1427.8	1431.1	1453.8	1486.4	1492.9	1476.6	1437.6	1353.0	1255.4	1131.8	982.2
-32.5°	1463.6	1476.6	1505.9	1522.1	1525.4	1492.9	1421.3	1330.2	1229.4	1102.6	949.7
-35°	1505.9	1531.9	1548.2	1551.4	1535.1	1479.9	1398.5	1301.0	1190.4	1060.3	920.4
-37.5°	1561.2	1574.2	1583.9	1570.9	1525.4	1460.3	1359.5	1261.9	1154.6	1014.8	878.2
-40°	1596.9	1603.4	1606.7	1564.4	1509.1	1414.8	1317.2	1216.4	1092.8	962.7	832.6
-42.5°	1619.7	1613.2	1587.2	1541.7	1460.3	1369.3	1275.0	1161.1	1037.5	910.7	783.8
-45°	1613.2	1590.4	1551.4	1496.1	1411.6	1320.5	1209.9	1096.1	979.0	855.4	728.5
-47.5°	1587.2	1551.4	1502.6	1437.6	1359.5	1248.9	1138.4	1027.8	913.9	793.6	676.5
-50°	1554.7	1512.4	1453.8	1372.5	1268.4	1167.6	1066.8	959.5	842.4	731.8	627.7
-52.5°	1518.9	1473.4	1398.5	1307.5	1193.6	1089.6	992.0	887.9	780.6	676.5	585.4
-55°	1479.9	1434.3	1349.8	1245.7	1131.8	1018.0	923.7	835.9	731.8	631.0	549.7
-57.5°	1460.3	1401.8	1314.0	1209.9	1089.6	972.5	891.2	796.8	702.5	598.4	520.4
-60°	1444.1	1385.5	1304.2	1183.9	1070.0	959.5	865.1	774.1	673.3	575.7	497.6
-62.5°	1398.5	1336.7	1261.9	1144.9	1034.3	933.4	848.9	741.6	644.0	552.9	481.4
-65°	1307.5	1242.4	1177.4	1073.3	972.5	878.2	793.6	696.0	605.0	526.9	465.1
-67.5°	1164.4	1109.1	1050.5	962.7	878.2	793.6	715.5	631.0	556.2	500.9	468.3
-70°	1005.0	946.5	887.9	816.4	744.8	676.5	614.7	552.9	504.1	474.9	448.8
-72.5°	731.8	705.8	676.5	621.2	562.7	520.4	491.1	465.1	429.3	403.3	387.0
-75°	487.9	452.1	406.6	387.0	390.3	383.8	367.5	348.0	331.7	322.0	299.2
-77.5°	380.5	361.0	338.3	315.5	305.7	296.0	283.0	266.7	253.7	230.9	198.4
-80°	351.3	335.0	318.7	302.5	286.2	263.4	237.4	211.4	198.4	188.6	185.4
-82.5°	289.5	270.0	250.4	234.2	211.4	195.1	178.9	165.9	165.9	162.6	159.4
-85°	165.9	159.4	149.6	143.1	136.6	126.8	117.1	110.6	107.3	104.1	100.8
-87.5°	84.6	81.3	74.8	71.6	68.3	65.0	58.5	55.3	52.0	52.0	48.8
-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-M-SA4E-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°	16.3	16.3	13.0	13.0	13.0	9.8	6.5	6.5	3.3	3.3	0.0
85°	39.0	32.5	29.3	26.0	26.0	19.5	13.0	9.8	6.5	3.3	3.3
82.5°	74.8	65.0	55.3	48.8	39.0	29.3	22.8	16.3	9.8	6.5	3.3
80°	84.6	84.6	81.3	68.3	55.3	42.3	29.3	19.5	13.0	9.8	6.5
77.5°	65.0	71.6	71.6	71.6	68.3	52.0	35.8	22.8	13.0	9.8	6.5
75°	74.8	65.0	61.8	65.0	61.8	52.0	42.3	26.0	16.3	13.0	6.5
72.5°	91.1	78.1	68.3	65.0	58.5	48.8	39.0	29.3	16.3	13.0	9.8
70°	84.6	81.3	74.8	68.3	58.5	48.8	39.0	29.3	19.5	13.0	9.8
67.5°	74.8	74.8	74.8	68.3	58.5	45.5	35.8	26.0	19.5	13.0	9.8
65°	52.0	61.8	68.3	65.0	58.5	45.5	35.8	26.0	19.5	16.3	9.8
62.5°	32.5	42.3	55.3	61.8	55.3	45.5	32.5	26.0	19.5	16.3	9.8
60°	29.3	32.5	39.0	48.8	52.0	42.3	32.5	22.8	19.5	16.3	9.8
57.5°	29.3	29.3	32.5	39.0	42.3	39.0	29.3	19.5	19.5	16.3	13.0
55°	32.5	29.3	29.3	32.5	35.8	35.8	29.3	19.5	19.5	16.3	13.0
52.5°	39.0	32.5	29.3	29.3	29.3	32.5	26.0	19.5	19.5	16.3	13.0
50°	48.8	39.0	35.8	29.3	29.3	29.3	26.0	19.5	16.3	16.3	13.0
47.5°	65.0	52.0	39.0	35.8	29.3	26.0	22.8	19.5	16.3	16.3	13.0
45°	97.6	61.8	52.0	39.0	32.5	29.3	26.0	19.5	16.3	16.3	13.0
42.5°	133.3	91.1	65.0	45.5	35.8	29.3	26.0	22.8	16.3	16.3	13.0
40°	169.1	123.6	81.3	58.5	42.3	32.5	26.0	22.8	19.5	16.3	13.0
37.5°	208.2	152.9	107.3	74.8	48.8	35.8	29.3	22.8	19.5	16.3	13.0
35°	256.9	191.9	133.3	91.1	58.5	42.3	32.5	22.8	19.5	16.3	13.0
32.5°	312.2	227.7	159.4	110.6	74.8	52.0	35.8	26.0	19.5	16.3	13.0
30°	364.3	270.0	188.6	133.3	91.1	58.5	39.0	26.0	19.5	16.3	9.8
27.5°	416.3	312.2	224.4	156.1	110.6	68.3	42.3	29.3	19.5	16.3	13.0
25°	468.3	354.5	260.2	178.9	126.8	81.3	52.0	32.5	19.5	16.3	13.0
22.5°	513.9	396.8	292.7	204.9	146.4	94.3	58.5	35.8	22.8	16.3	13.0
20°	565.9	442.3	328.5	234.2	162.6	107.3	65.0	39.0	22.8	16.3	13.0
17.5°	614.7	487.9	364.3	260.2	182.1	120.3	74.8	42.3	26.0	16.3	13.0
15°	663.5	530.1	396.8	286.2	201.7	133.3	81.3	45.5	29.3	16.3	13.0
12.5°	709.0	569.2	426.1	309.0	217.9	146.4	87.8	48.8	32.5	16.3	13.0
10°	751.3	605.0	455.3	328.5	234.2	156.1	94.3	55.3	35.8	16.3	13.0
7.5°	793.6	634.2	478.1	348.0	253.7	169.1	100.8	58.5	39.0	19.5	13.0
5°	819.6	660.2	497.6	364.3	270.0	182.1	107.3	61.8	42.3	19.5	13.0
2.5°	842.4	679.8	510.6	380.5	286.2	191.9	107.3	65.0	45.5	19.5	13.0
0°	855.4	692.8	520.4	390.3	299.2	198.4	110.6	68.3	48.8	19.5	13.0
-2.5°	884.7	715.5	543.2	403.3	312.2	217.9	117.1	71.6	52.0	22.8	13.0
-5°	904.2	728.5	559.4	416.3	322.0	237.4	126.8	78.1	58.5	29.3	16.3
-7.5°	920.4	741.6	572.4	422.8	331.7	243.9	130.1	81.3	61.8	32.5	16.3
-10°	923.7	748.1	582.2	432.6	338.3	253.7	133.3	84.6	65.0	35.8	16.3
-12.5°	926.9	754.6	585.4	439.1	344.8	260.2	136.6	87.8	68.3	39.0	16.3
-15°	923.7	751.3	585.4	445.6	348.0	253.7	143.1	91.1	71.6	42.3	16.3
-17.5°	917.2	748.1	582.2	442.3	344.8	247.2	146.4	97.6	71.6	45.5	19.5
-20°	907.4	738.3	575.7	439.1	341.5	240.7	149.6	100.8	74.8	45.5	19.5

REPORT NUMBER: P723826

CATALOG NUMBER: IFLD-M-SA4E-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°	891.2	722.0	562.7	429.3	335.0	234.2	149.6	107.3	78.1	45.5	19.5
-25°	871.7	705.8	549.7	416.3	325.2	224.4	149.6	110.6	81.3	45.5	19.5
-27.5°	848.9	689.5	530.1	406.6	312.2	217.9	149.6	113.8	84.6	45.5	19.5
-30°	822.9	666.7	513.9	390.3	302.5	217.9	152.9	117.1	87.8	45.5	19.5
-32.5°	796.8	644.0	494.4	377.3	289.5	214.7	152.9	120.3	91.1	42.3	22.8
-35°	767.6	618.0	478.1	367.5	279.7	208.2	156.1	120.3	87.8	42.3	22.8
-37.5°	731.8	585.4	461.8	357.8	273.2	201.7	156.1	123.6	84.6	42.3	22.8
-40°	692.8	559.4	442.3	344.8	263.4	198.4	156.1	123.6	81.3	42.3	26.0
-42.5°	650.5	530.1	422.8	331.7	253.7	195.1	156.1	123.6	78.1	42.3	26.0
-45°	611.5	500.9	400.0	315.5	243.9	195.1	156.1	120.3	71.6	45.5	26.0
-47.5°	569.2	468.3	374.0	299.2	240.7	191.9	152.9	113.8	65.0	45.5	26.0
-50°	533.4	435.8	354.5	283.0	234.2	195.1	156.1	104.1	65.0	45.5	26.0
-52.5°	497.6	413.1	331.7	276.5	227.7	198.4	152.9	97.6	65.0	45.5	26.0
-55°	468.3	390.3	318.7	266.7	234.2	204.9	146.4	87.8	65.0	45.5	26.0
-57.5°	445.6	377.3	309.0	270.0	243.9	198.4	136.6	84.6	65.0	42.3	26.0
-60°	429.3	364.3	312.2	283.0	247.2	188.6	130.1	84.6	65.0	42.3	22.8
-62.5°	416.3	367.5	328.5	292.7	234.2	175.6	123.6	84.6	58.5	39.0	22.8
-65°	419.6	380.5	335.0	279.7	224.4	162.6	113.8	81.3	55.3	35.8	22.8
-67.5°	429.3	370.8	315.5	263.4	201.7	146.4	104.1	74.8	52.0	35.8	22.8
-70°	396.8	341.5	286.2	224.4	172.4	126.8	97.6	68.3	45.5	32.5	22.8
-72.5°	357.8	286.2	227.7	182.1	146.4	117.1	87.8	61.8	42.3	29.3	19.5
-75°	260.2	208.2	169.1	152.9	130.1	104.1	78.1	55.3	39.0	29.3	19.5
-77.5°	185.4	172.4	156.1	139.9	117.1	91.1	68.3	52.0	35.8	26.0	16.3
-80°	182.1	165.9	146.4	120.3	97.6	78.1	58.5	45.5	32.5	22.8	13.0
-82.5°	152.9	130.1	110.6	91.1	74.8	61.8	48.8	35.8	26.0	16.3	9.8
-85°	94.3	81.3	71.6	61.8	52.0	42.3	32.5	22.8	16.3	9.8	6.5
-87.5°	45.5	42.3	35.8	29.3	26.0	19.5	16.3	13.0	9.8	6.5	3.3
-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-M-SA4E-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°	3.3	0.0	0.0	0.0
80°	3.3	0.0	0.0	0.0
77.5°	3.3	0.0	0.0	0.0
75°	3.3	3.3	0.0	0.0
72.5°	3.3	3.3	0.0	0.0
70°	6.5	3.3	3.3	0.0
67.5°	6.5	3.3	3.3	0.0
65°	6.5	3.3	3.3	0.0
62.5°	6.5	3.3	3.3	0.0
60°	6.5	3.3	3.3	0.0
57.5°	6.5	3.3	3.3	0.0
55°	6.5	3.3	3.3	0.0
52.5°	6.5	3.3	3.3	0.0
50°	6.5	3.3	3.3	0.0
47.5°	6.5	6.5	3.3	0.0
45°	6.5	6.5	3.3	0.0
42.5°	6.5	6.5	3.3	0.0
40°	6.5	6.5	3.3	0.0
37.5°	6.5	6.5	3.3	0.0
35°	6.5	6.5	3.3	0.0
32.5°	9.8	6.5	3.3	0.0
30°	9.8	6.5	6.5	0.0
27.5°	9.8	6.5	6.5	0.0
25°	9.8	6.5	6.5	0.0
22.5°	9.8	6.5	6.5	0.0
20°	9.8	6.5	6.5	0.0
17.5°	9.8	6.5	6.5	0.0
15°	9.8	6.5	6.5	0.0
12.5°	9.8	6.5	6.5	0.0
10°	9.8	6.5	6.5	0.0
7.5°	9.8	6.5	6.5	0.0
5°	9.8	6.5	6.5	0.0
2.5°	9.8	6.5	6.5	0.0
0°	9.8	6.5	6.5	0.0
-2.5°	9.8	6.5	6.5	0.0
-5°	9.8	6.5	6.5	0.0
-7.5°	9.8	6.5	6.5	0.0
-10°	9.8	6.5	6.5	0.0
-12.5°	13.0	6.5	6.5	0.0
-15°	13.0	6.5	6.5	0.0
-17.5°	13.0	6.5	6.5	0.0
-20°	13.0	6.5	6.5	0.0

REPORT NUMBER: P723826

CATALOG NUMBER: IFLD-M-SA4E-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	13.0	6.5	6.5	0.0
-25°	13.0	6.5	6.5	0.0
-27.5°	13.0	6.5	6.5	0.0
-30°	13.0	6.5	6.5	0.0
-32.5°	13.0	6.5	6.5	0.0
-35°	13.0	6.5	6.5	0.0
-37.5°	13.0	6.5	6.5	0.0
-40°	13.0	6.5	6.5	0.0
-42.5°	9.8	6.5	3.3	0.0
-45°	13.0	6.5	3.3	0.0
-47.5°	13.0	6.5	3.3	0.0
-50°	13.0	6.5	3.3	0.0
-52.5°	13.0	6.5	3.3	0.0
-55°	13.0	6.5	3.3	0.0
-57.5°	13.0	6.5	3.3	0.0
-60°	13.0	6.5	3.3	0.0
-62.5°	13.0	6.5	3.3	0.0
-65°	13.0	6.5	3.3	0.0
-67.5°	13.0	6.5	3.3	0.0
-70°	13.0	3.3	3.3	0.0
-72.5°	9.8	3.3	3.3	0.0
-75°	9.8	3.3	3.3	0.0
-77.5°	6.5	3.3	0.0	0.0
-80°	6.5	3.3	0.0	0.0
-82.5°	6.5	3.3	0.0	0.0
-85°	3.3	0.0	0.0	0.0
-87.5°	3.3	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)