

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: P723623

Luminaire Tested: **IFLD-M-SA4E-722-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723623
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4E-722-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (64) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	14117.9 lumens	Max Intensity:	332144.5 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:	5119.7 lumens	Field Lumens:	8161.8 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

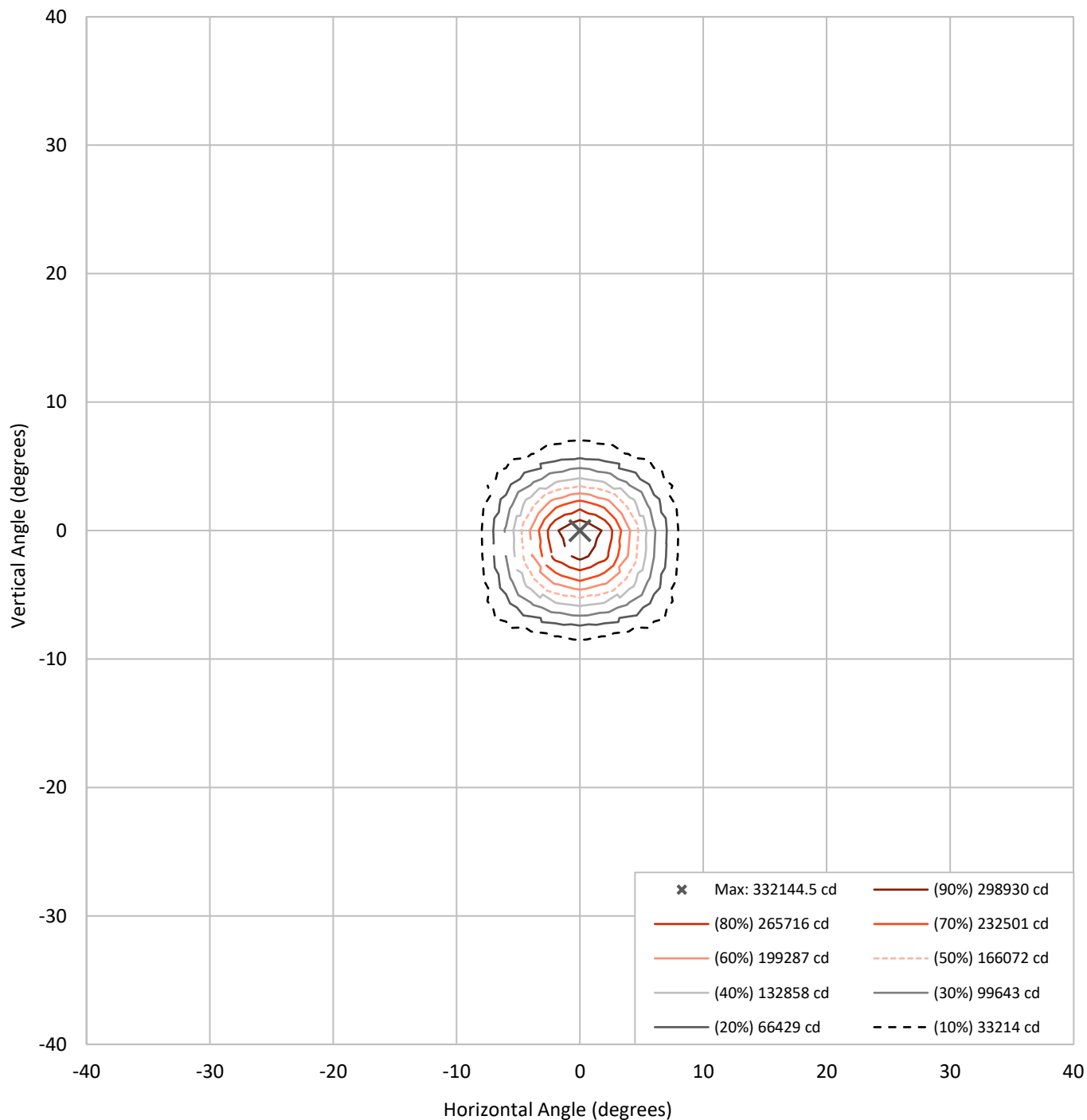
Input Watts (W): 314.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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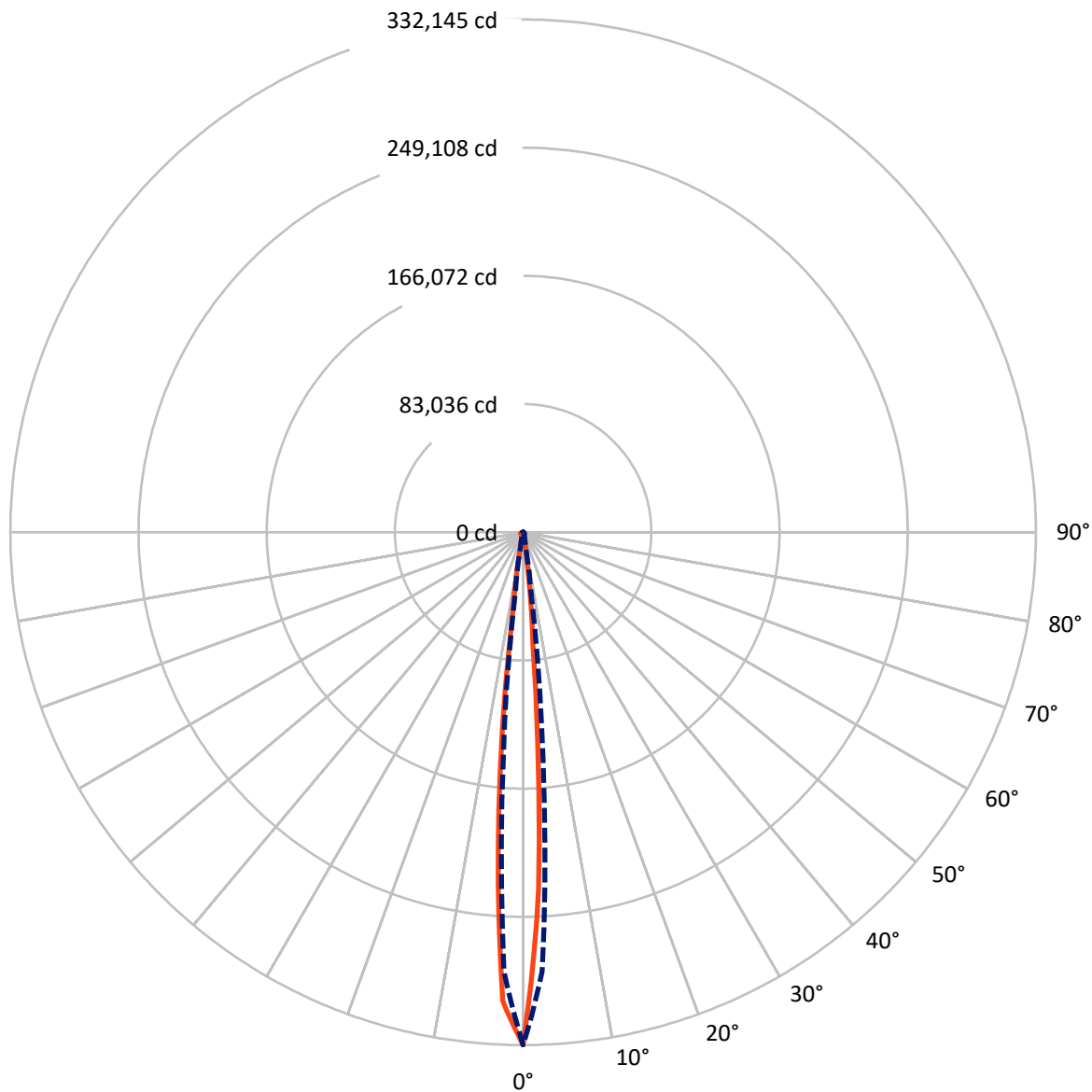
Lumen Table

90																				
80	0.2	3.1		3.4		1.3		0.4		1.3		3.4		3.1		0.2				
70	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				
60		0.4	0.6	1.7	3.6	5.9	7.6	8.8	8.8	7.6	5.9	3.6	1.7	0.6	0.4					
50	0.4	0.5	1.9	6.4	12.7	18.5	22.3	24.7	24.7	22.3	18.5	12.7	6.4	1.9	0.5	0.4				
40		0.9	4.9	13.2	21.5	25.2	27.2	28.2	28.2	27.2	25.2	21.5	13.2	4.9	0.9					
30	0.6	1.8	8.4	19.2	24.9	25.6	30.2	36.4	36.4	30.2	25.6	24.9	19.2	8.4	1.8	0.6				
20		2.9	11.7	23.6	26.5	29.9	52.6	89.6	89.6	52.6	29.9	26.5	23.6	11.7	2.9					
10	0.9	3.7	14.4	25.9	27.5	36.9	100.0	1853.3	1853.3	100.0	36.9	27.5	25.9	14.4	3.7	0.9				
0		4.4	15.8	27.2	28.5	38.2	107.7	2702.3	2702.3	107.7	38.2	28.5	27.2	15.8	4.4					
-10	1.4	4.7	16.2	28.7	30.9	34.4	62.6	120.2	120.2	62.6	34.4	30.9	28.7	16.2	4.7	1.4				
-20		4.4	15.4	29.1	34.6	34.7	40.6	49.5	49.5	40.6	34.7	34.6	29.1	15.4	4.4					
-30	1.5	3.9	13.6	27.8	38.1	41.5	43.2	43.6	43.6	43.2	41.5	38.1	27.8	13.6	3.9	1.5				
-40		3.4	10.9	23.6	36.8	44.7	50.1	52.5	52.5	50.1	44.7	36.8	23.6	10.9	3.4					
-50	1.2	3.1	8.4	18.3	31.3	42.1	48.9	51.7	51.7	48.9	42.1	31.3	18.3	8.4	3.1	1.2				
-60		2.9	7.4	14.9	26.2	36.8	44.5	48.1	48.1	44.5	36.8	26.2	14.9	7.4	2.9					
-70	0.5	8.7		26.0		48.2		53.2		48.2		26.0		8.7		0.5				
-80																				
-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



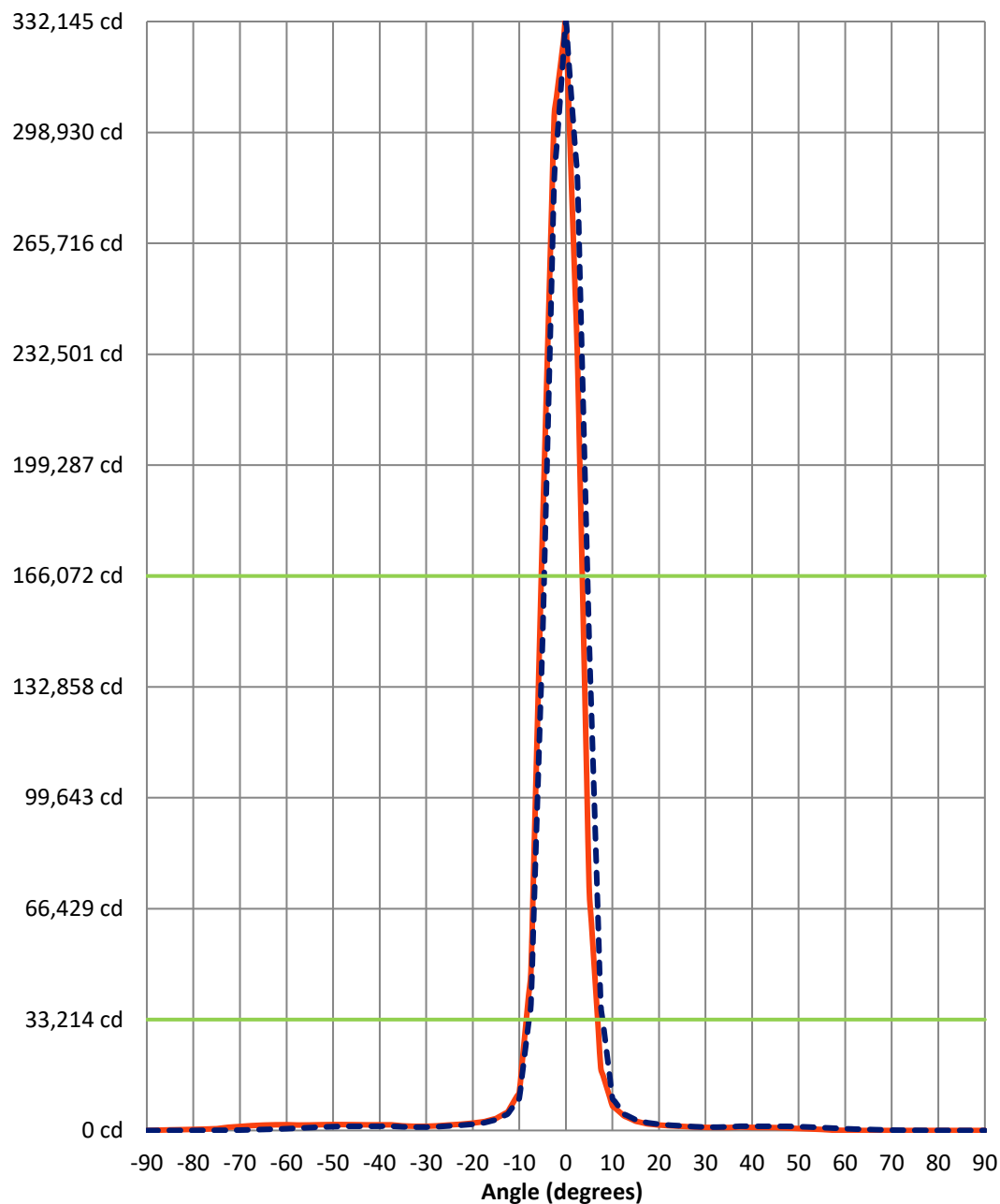
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 5119.7

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 8161.8

Efficiency: 57.8%

Spill:

Lumens: 5956.1

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	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	19.6
82.5°	0.0	3.3	3.3	6.5	6.5	9.8	9.8	16.3	19.6	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	26.1
77.5°	0.0	3.3	3.3	3.3	6.5	6.5	6.5	9.8	13.0	16.3	19.6
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°	32.6	35.8	39.1	39.1	35.8	35.8	39.1	39.1	39.1	39.1	39.1
57.5°	88.0	94.5	97.8	97.8	97.8	94.5	107.5	110.8	97.8	91.3	101.0
55°	306.4	316.1	309.6	299.8	280.3	257.5	250.9	247.7	250.9	234.7	208.6
52.5°	446.5	456.3	453.0	446.5	433.5	417.2	404.1	391.1	378.1	352.0	322.6
50°	580.1	583.4	580.1	573.6	560.6	544.3	518.2	488.9	462.8	456.3	430.2
47.5°	730.0	739.8	739.8	736.5	726.8	697.4	658.3	616.0	596.4	589.9	563.8
45°	863.7	870.2	873.4	876.7	873.4	844.1	808.2	785.4	743.1	730.0	730.0
42.5°	899.5	902.8	906.0	909.3	919.1	896.2	866.9	827.8	818.0	814.8	808.2
40°	912.5	906.0	909.3	912.5	915.8	899.5	876.7	853.9	847.4	840.8	840.8
37.5°	1036.4	1007.1	984.2	964.7	948.4	932.1	909.3	889.7	873.4	860.4	873.4
35°	883.2	883.2	906.0	925.6	945.1	964.7	967.9	945.1	909.3	893.0	915.8
32.5°	902.8	902.8	902.8	909.3	915.8	932.1	948.4	958.2	984.2	954.9	954.9
30°	922.3	925.6	932.1	935.4	925.6	919.1	912.5	912.5	928.8	971.2	994.0
27.5°	1036.4	1036.4	1026.6	1013.6	984.2	938.6	915.8	883.2	886.5	906.0	961.4
25°	1222.1	1215.6	1192.8	1160.2	1108.1	1042.9	981.0	912.5	883.2	873.4	896.2
22.5°	1398.1	1388.4	1359.0	1329.7	1287.3	1222.1	1117.9	1013.6	922.3	883.2	873.4
20°	1623.0	1600.2	1567.6	1522.0	1453.5	1388.4	1297.1	1160.2	1026.6	925.6	886.5
17.5°	1984.8	1955.4	1893.5	1812.0	1694.7	1593.7	1463.3	1333.0	1183.0	1020.1	932.1
15°	2776.7	2701.8	2594.2	2369.3	2137.9	1945.7	1750.1	1531.8	1378.6	1163.5	1029.9
12.5°	4367.1	4161.8	3849.0	3324.2	2806.1	2359.6	2043.4	1763.2	1515.5	1316.7	1127.6
10°	7391.6	6951.6	6087.9	4653.9	3699.0	2877.8	2310.7	1935.9	1623.0	1417.7	1209.1
7.5°	18694.0	15249.2	10790.8	7368.7	4839.7	3516.5	2643.1	2098.8	1737.1	1482.9	1274.3
5°	72859.7	60019.0	32017.1	13362.2	7280.8	4253.1	2942.9	2229.2	1812.0	1531.8	1323.2
2.5°	231234.0	199686.2	104765.9	28764.5	8939.6	4790.8	3148.3	2310.7	1854.4	1567.6	1359.0
0°	332144.5	284659.9	147032.8	37831.2	9695.7	4927.7	3213.4	2327.0	1860.9	1574.1	1359.0
-2.5°	303855.8	265933.3	142033.4	35204.4	9907.6	4966.8	3265.6	2382.4	1909.8	1603.5	1368.8
-5°	180549.0	158367.8	99078.9	25101.3	8802.7	4611.6	3128.7	2333.5	1877.2	1587.2	1362.3
-7.5°	47569.3	41181.6	27089.4	13098.2	5696.8	3901.1	2874.5	2252.0	1834.9	1557.8	1336.2
-10°	11468.7	10869.0	9708.8	5951.1	4435.6	3259.1	2548.6	2105.4	1750.1	1518.7	1293.8
-12.5°	5530.6	5400.3	4901.6	4041.2	3291.7	2708.3	2307.4	1952.2	1671.9	1450.3	1235.2
-15°	3598.0	3523.1	3353.6	3024.4	2643.1	2362.8	2082.5	1795.7	1574.1	1349.3	1186.3
-17.5°	2662.7	2659.4	2574.7	2450.8	2261.8	2053.2	1847.9	1665.4	1450.3	1258.0	1134.2
-20°	2206.4	2206.4	2157.5	2076.0	1942.4	1805.5	1668.6	1499.2	1323.2	1179.8	1127.6

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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°	1874.0	1877.2	1851.1	1799.0	1727.3	1613.2	1479.6	1342.7	1215.6	1163.5	1147.2
-25°	1658.9	1652.3	1623.0	1574.1	1499.2	1407.9	1319.9	1228.7	1192.8	1179.8	1202.6
-27.5°	1404.7	1414.4	1401.4	1378.6	1329.7	1264.5	1245.0	1218.9	1225.4	1245.0	1333.0
-30°	1254.7	1264.5	1277.6	1287.3	1271.0	1254.7	1261.3	1280.8	1323.2	1398.1	1430.7
-32.5°	1254.7	1258.0	1277.6	1297.1	1306.9	1319.9	1355.8	1421.0	1482.9	1463.3	1456.8
-35°	1368.8	1359.0	1385.1	1411.2	1447.0	1492.7	1531.8	1518.7	1495.9	1489.4	1495.9
-37.5°	1694.7	1632.8	1606.7	1590.4	1580.6	1574.1	1564.4	1554.6	1544.8	1538.3	1548.1
-40°	1691.5	1675.2	1658.9	1645.8	1636.1	1623.0	1616.5	1613.2	1603.5	1596.9	1590.4
-42.5°	1684.9	1691.5	1691.5	1688.2	1691.5	1688.2	1678.4	1665.4	1649.1	1636.1	1623.0
-45°	1733.8	1737.1	1743.6	1750.1	1759.9	1746.9	1727.3	1704.5	1681.7	1662.1	1645.8
-47.5°	1763.2	1766.4	1772.9	1782.7	1789.2	1776.2	1750.1	1720.8	1684.9	1652.3	1619.8
-50°	1772.9	1782.7	1786.0	1786.0	1782.7	1766.4	1727.3	1684.9	1645.8	1613.2	1583.9
-52.5°	1727.3	1737.1	1740.3	1733.8	1730.6	1714.3	1678.4	1639.3	1596.9	1574.1	1548.1
-55°	1652.3	1665.4	1675.2	1675.2	1675.2	1671.9	1639.3	1603.5	1570.9	1544.8	1518.7
-57.5°	1623.0	1645.8	1665.4	1668.6	1671.9	1675.2	1652.3	1616.5	1577.4	1538.3	1505.7
-60°	1730.6	1750.1	1759.9	1746.9	1737.1	1727.3	1691.5	1649.1	1610.0	1570.9	1508.9
-62.5°	1701.2	1733.8	1750.1	1740.3	1727.3	1711.0	1671.9	1623.0	1577.4	1535.0	1473.1
-65°	1606.7	1636.1	1655.6	1639.3	1619.8	1596.9	1561.1	1515.5	1473.1	1430.7	1375.3
-67.5°	1447.0	1489.4	1522.0	1486.1	1460.1	1430.7	1401.4	1362.3	1319.9	1271.0	1218.9
-70°	1196.1	1228.7	1258.0	1248.2	1241.7	1235.2	1215.6	1176.5	1140.7	1101.6	1055.9
-72.5°	961.4	990.8	1016.8	1000.5	987.5	967.9	938.6	896.2	853.9	811.5	769.1
-75°	531.2	541.0	550.8	547.5	547.5	547.5	547.5	550.8	544.3	534.5	514.9
-77.5°	407.4	420.4	430.2	436.7	446.5	459.5	469.3	453.0	436.7	420.4	400.9
-80°	319.4	332.4	342.2	378.1	404.1	433.5	453.0	430.2	407.4	387.8	371.5
-82.5°	241.2	250.9	260.7	280.3	293.3	309.6	322.6	322.6	319.4	316.1	306.4
-85°	176.0	189.0	202.1	208.6	218.4	218.4	221.6	208.6	195.5	185.8	172.7
-87.5°	101.0	104.3	104.3	104.3	107.5	107.5	107.5	101.0	97.8	91.3	88.0
-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°	19.6	19.6	19.6	22.8	22.8	26.1	29.3	32.6	35.8	35.8	39.1
82.5°	32.6	35.8	39.1	42.4	45.6	48.9	52.1	55.4	65.2	71.7	75.0
80°	32.6	35.8	45.6	52.1	58.7	65.2	65.2	65.2	65.2	68.4	75.0
77.5°	22.8	26.1	29.3	35.8	52.1	65.2	75.0	81.5	75.0	71.7	65.2
75°	13.0	16.3	19.6	22.8	32.6	45.6	61.9	78.2	91.3	88.0	81.5
72.5°	13.0	13.0	16.3	19.6	22.8	26.1	29.3	45.6	65.2	81.5	91.3
70°	13.0	16.3	16.3	19.6	22.8	26.1	29.3	35.8	45.6	65.2	84.7
67.5°	13.0	16.3	16.3	22.8	29.3	32.6	35.8	32.6	29.3	42.4	61.9
65°	13.0	13.0	16.3	19.6	22.8	26.1	35.8	35.8	32.6	32.6	32.6
62.5°	19.6	19.6	19.6	19.6	22.8	22.8	22.8	29.3	29.3	29.3	29.3
60°	39.1	35.8	35.8	35.8	35.8	29.3	29.3	29.3	26.1	29.3	26.1
57.5°	94.5	78.2	71.7	71.7	61.9	58.7	48.9	35.8	35.8	29.3	29.3
55°	192.3	182.5	153.2	127.1	114.1	101.0	78.2	65.2	48.9	39.1	35.8
52.5°	296.6	270.5	244.4	211.8	179.2	153.2	130.4	101.0	81.5	58.7	45.6
50°	387.8	365.0	335.7	299.8	257.5	224.9	192.3	153.2	120.6	91.3	65.2
47.5°	528.0	482.3	446.5	404.1	355.2	309.6	267.2	221.6	169.5	133.6	101.0
45°	677.9	612.7	563.8	524.7	459.5	397.6	348.7	299.8	237.9	176.0	136.9
42.5°	782.2	733.3	668.1	616.0	557.3	492.1	426.9	374.8	309.6	237.9	176.0
40°	837.6	805.0	752.8	707.2	645.3	573.6	505.2	453.0	384.6	306.4	221.6
37.5°	879.9	863.7	837.6	801.7	743.1	658.3	589.9	528.0	469.3	378.1	286.8
35°	928.8	925.6	909.3	893.0	844.1	762.6	681.1	609.4	537.7	453.0	352.0
32.5°	974.5	971.2	961.4	954.9	935.4	863.7	775.7	694.2	612.7	524.7	413.9
30°	997.3	990.8	990.8	997.3	977.7	932.1	866.9	778.9	687.7	583.4	479.1
27.5°	997.3	990.8	994.0	1003.8	1000.5	977.7	928.8	857.1	756.1	638.8	537.7
25°	954.9	987.5	987.5	1000.5	1003.8	997.3	971.2	925.6	821.3	697.4	583.4
22.5°	896.2	974.5	1003.8	1000.5	1003.8	1020.1	1023.3	981.0	883.2	756.1	629.0
20°	896.2	951.6	1036.4	1013.6	1020.1	1055.9	1072.2	1036.4	948.4	811.5	674.6
17.5°	915.8	951.6	1023.3	1059.2	1069.0	1098.3	1124.4	1101.6	1007.1	870.2	736.5
15°	971.2	964.7	1013.6	1101.6	1117.9	1140.7	1170.0	1143.9	1059.2	935.4	795.2
12.5°	1010.3	974.5	1013.6	1108.1	1160.2	1183.0	1192.8	1173.3	1104.8	994.0	853.9
10°	1062.5	1000.5	1020.1	1101.6	1176.5	1192.8	1202.6	1196.1	1147.2	1042.9	906.0
7.5°	1101.6	1013.6	1013.6	1091.8	1192.8	1205.9	1212.4	1218.9	1183.0	1085.3	951.6
5°	1117.9	1013.6	1007.1	1082.0	1209.1	1222.1	1222.1	1231.9	1209.1	1117.9	984.2
2.5°	1121.1	1010.3	1000.5	1075.5	1238.4	1238.4	1231.9	1241.7	1228.7	1137.4	1007.1
0°	1137.4	1007.1	997.3	1085.3	1271.0	1258.0	1241.7	1245.0	1238.4	1147.2	1020.1
-2.5°	1137.4	1023.3	1010.3	1091.8	1267.8	1264.5	1258.0	1261.3	1254.7	1176.5	1046.2
-5°	1153.7	1046.2	1033.1	1121.1	1264.5	1274.3	1277.6	1277.6	1267.8	1196.1	1062.5
-7.5°	1157.0	1062.5	1059.2	1150.5	1271.0	1287.3	1297.1	1303.6	1284.1	1209.1	1075.5
-10°	1140.7	1069.0	1085.3	1186.3	1277.6	1300.4	1319.9	1329.7	1297.1	1215.6	1082.0
-12.5°	1104.8	1069.0	1111.3	1231.9	1293.8	1319.9	1349.3	1352.5	1310.1	1218.9	1085.3
-15°	1101.6	1095.0	1157.0	1277.6	1303.6	1336.2	1381.8	1372.1	1319.9	1218.9	1085.3
-17.5°	1098.3	1130.9	1225.4	1293.8	1319.9	1355.8	1391.6	1381.8	1326.4	1218.9	1078.8
-20°	1127.6	1189.6	1306.9	1310.1	1339.5	1378.6	1398.1	1378.6	1316.7	1209.1	1069.0

REPORT NUMBER: P723623

CATALOG NUMBER: IFLD-M-SA4E-722-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°	1176.5	1293.8	1333.0	1346.0	1372.1	1401.4	1411.2	1381.8	1306.9	1192.8	1052.7
-25°	1300.4	1359.0	1359.0	1388.4	1414.4	1427.5	1417.7	1385.1	1293.8	1176.5	1036.4
-27.5°	1394.9	1391.6	1407.9	1437.2	1460.1	1460.1	1434.0	1368.8	1274.3	1160.2	1013.6
-30°	1430.7	1434.0	1456.8	1489.4	1495.9	1479.6	1440.5	1355.8	1258.0	1134.2	984.2
-32.5°	1466.6	1479.6	1508.9	1525.2	1528.5	1495.9	1424.2	1333.0	1231.9	1104.8	951.6
-35°	1508.9	1535.0	1551.3	1554.6	1538.3	1482.9	1401.4	1303.6	1192.8	1062.5	922.3
-37.5°	1564.4	1577.4	1587.2	1574.1	1528.5	1463.3	1362.3	1264.5	1157.0	1016.8	879.9
-40°	1600.2	1606.7	1610.0	1567.6	1512.2	1417.7	1319.9	1218.9	1095.0	964.7	834.3
-42.5°	1623.0	1616.5	1590.4	1544.8	1463.3	1372.1	1277.6	1163.5	1039.6	912.5	785.4
-45°	1616.5	1593.7	1554.6	1499.2	1414.4	1323.2	1212.4	1098.3	981.0	857.1	730.0
-47.5°	1590.4	1554.6	1505.7	1440.5	1362.3	1251.5	1140.7	1029.9	915.8	795.2	677.9
-50°	1557.8	1515.5	1456.8	1375.3	1271.0	1170.0	1069.0	961.4	844.1	733.3	629.0
-52.5°	1522.0	1476.4	1401.4	1310.1	1196.1	1091.8	994.0	889.7	782.2	677.9	586.6
-55°	1482.9	1437.2	1352.5	1248.2	1134.2	1020.1	925.6	837.6	733.3	632.3	550.8
-57.5°	1463.3	1404.7	1316.7	1212.4	1091.8	974.5	893.0	798.5	704.0	599.7	521.5
-60°	1447.0	1388.4	1306.9	1186.3	1072.2	961.4	866.9	775.7	674.6	576.9	498.6
-62.5°	1401.4	1339.5	1264.5	1147.2	1036.4	935.4	850.6	743.1	645.3	554.0	482.3
-65°	1310.1	1245.0	1179.8	1075.5	974.5	879.9	795.2	697.4	606.2	528.0	466.0
-67.5°	1166.7	1111.3	1052.7	964.7	879.9	795.2	717.0	632.3	557.3	501.9	469.3
-70°	1007.1	948.4	889.7	818.0	746.3	677.9	616.0	554.0	505.2	475.8	449.8
-72.5°	733.3	707.2	677.9	622.5	563.8	521.5	492.1	466.0	430.2	404.1	387.8
-75°	488.9	453.0	407.4	387.8	391.1	384.6	368.3	348.7	332.4	322.6	299.8
-77.5°	381.3	361.8	338.9	316.1	306.4	296.6	283.5	267.2	254.2	231.4	198.8
-80°	352.0	335.7	319.4	303.1	286.8	264.0	237.9	211.8	198.8	189.0	185.8
-82.5°	290.1	270.5	250.9	234.7	211.8	195.5	179.2	166.2	166.2	163.0	159.7
-85°	166.2	159.7	149.9	143.4	136.9	127.1	117.3	110.8	107.5	104.3	101.0
-87.5°	84.7	81.5	75.0	71.7	68.4	65.2	58.7	55.4	52.1	52.1	48.9
-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-722-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°	39.1	32.6	29.3	26.1	26.1	19.6	13.0	9.8	6.5	3.3	3.3
82.5°	75.0	65.2	55.4	48.9	39.1	29.3	22.8	16.3	9.8	6.5	3.3
80°	84.7	84.7	81.5	68.4	55.4	42.4	29.3	19.6	13.0	9.8	6.5
77.5°	65.2	71.7	71.7	71.7	68.4	52.1	35.8	22.8	13.0	9.8	6.5
75°	75.0	65.2	61.9	65.2	61.9	52.1	42.4	26.1	16.3	13.0	6.5
72.5°	91.3	78.2	68.4	65.2	58.7	48.9	39.1	29.3	16.3	13.0	9.8
70°	84.7	81.5	75.0	68.4	58.7	48.9	39.1	29.3	19.6	13.0	9.8
67.5°	75.0	75.0	75.0	68.4	58.7	45.6	35.8	26.1	19.6	13.0	9.8
65°	52.1	61.9	68.4	65.2	58.7	45.6	35.8	26.1	19.6	16.3	9.8
62.5°	32.6	42.4	55.4	61.9	55.4	45.6	32.6	26.1	19.6	16.3	9.8
60°	29.3	32.6	39.1	48.9	52.1	42.4	32.6	22.8	19.6	16.3	9.8
57.5°	29.3	29.3	32.6	39.1	42.4	39.1	29.3	19.6	19.6	16.3	13.0
55°	32.6	29.3	29.3	32.6	35.8	35.8	29.3	19.6	19.6	16.3	13.0
52.5°	39.1	32.6	29.3	29.3	29.3	32.6	26.1	19.6	19.6	16.3	13.0
50°	48.9	39.1	35.8	29.3	29.3	29.3	26.1	19.6	16.3	16.3	13.0
47.5°	65.2	52.1	39.1	35.8	29.3	26.1	22.8	19.6	16.3	16.3	13.0
45°	97.8	61.9	52.1	39.1	32.6	29.3	26.1	19.6	16.3	16.3	13.0
42.5°	133.6	91.3	65.2	45.6	35.8	29.3	26.1	22.8	16.3	16.3	13.0
40°	169.5	123.8	81.5	58.7	42.4	32.6	26.1	22.8	19.6	16.3	13.0
37.5°	208.6	153.2	107.5	75.0	48.9	35.8	29.3	22.8	19.6	16.3	13.0
35°	257.5	192.3	133.6	91.3	58.7	42.4	32.6	22.8	19.6	16.3	13.0
32.5°	312.9	228.1	159.7	110.8	75.0	52.1	35.8	26.1	19.6	16.3	13.0
30°	365.0	270.5	189.0	133.6	91.3	58.7	39.1	26.1	19.6	16.3	9.8
27.5°	417.2	312.9	224.9	156.4	110.8	68.4	42.4	29.3	19.6	16.3	13.0
25°	469.3	355.2	260.7	179.2	127.1	81.5	52.1	32.6	19.6	16.3	13.0
22.5°	514.9	397.6	293.3	205.3	146.7	94.5	58.7	35.8	22.8	16.3	13.0
20°	567.1	443.2	329.2	234.7	163.0	107.5	65.2	39.1	22.8	16.3	13.0
17.5°	616.0	488.9	365.0	260.7	182.5	120.6	75.0	42.4	26.1	16.3	13.0
15°	664.8	531.2	397.6	286.8	202.1	133.6	81.5	45.6	29.3	16.3	13.0
12.5°	710.5	570.3	426.9	309.6	218.4	146.7	88.0	48.9	32.6	16.3	13.0
10°	752.8	606.2	456.3	329.2	234.7	156.4	94.5	55.4	35.8	16.3	13.0
7.5°	795.2	635.5	479.1	348.7	254.2	169.5	101.0	58.7	39.1	19.6	13.0
5°	821.3	661.6	498.6	365.0	270.5	182.5	107.5	61.9	42.4	19.6	13.0
2.5°	844.1	681.1	511.7	381.3	286.8	192.3	107.5	65.2	45.6	19.6	13.0
0°	857.1	694.2	521.5	391.1	299.8	198.8	110.8	68.4	48.9	19.6	13.0
-2.5°	886.5	717.0	544.3	404.1	312.9	218.4	117.3	71.7	52.1	22.8	13.0
-5°	906.0	730.0	560.6	417.2	322.6	237.9	127.1	78.2	58.7	29.3	16.3
-7.5°	922.3	743.1	573.6	423.7	332.4	244.4	130.4	81.5	61.9	32.6	16.3
-10°	925.6	749.6	583.4	433.5	338.9	254.2	133.6	84.7	65.2	35.8	16.3
-12.5°	928.8	756.1	586.6	440.0	345.5	260.7	136.9	88.0	68.4	39.1	16.3
-15°	925.6	752.8	586.6	446.5	348.7	254.2	143.4	91.3	71.7	42.4	16.3
-17.5°	919.1	749.6	583.4	443.2	345.5	247.7	146.7	97.8	71.7	45.6	19.6
-20°	909.3	739.8	576.9	440.0	342.2	241.2	149.9	101.0	75.0	45.6	19.6

REPORT NUMBER: P723623

CATALOG NUMBER: IFLD-M-SA4E-722-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	893.0	723.5	563.8	430.2	335.7	234.7	149.9	107.5	78.2	45.6	19.6
-25°	873.4	707.2	550.8	417.2	325.9	224.9	149.9	110.8	81.5	45.6	19.6
-27.5°	850.6	690.9	531.2	407.4	312.9	218.4	149.9	114.1	84.7	45.6	19.6
-30°	824.5	668.1	514.9	391.1	303.1	218.4	153.2	117.3	88.0	45.6	19.6
-32.5°	798.5	645.3	495.4	378.1	290.1	215.1	153.2	120.6	91.3	42.4	22.8
-35°	769.1	619.2	479.1	368.3	280.3	208.6	156.4	120.6	88.0	42.4	22.8
-37.5°	733.3	586.6	462.8	358.5	273.8	202.1	156.4	123.8	84.7	42.4	22.8
-40°	694.2	560.6	443.2	345.5	264.0	198.8	156.4	123.8	81.5	42.4	26.1
-42.5°	651.8	531.2	423.7	332.4	254.2	195.5	156.4	123.8	78.2	42.4	26.1
-45°	612.7	501.9	400.9	316.1	244.4	195.5	156.4	120.6	71.7	45.6	26.1
-47.5°	570.3	469.3	374.8	299.8	241.2	192.3	153.2	114.1	65.2	45.6	26.1
-50°	534.5	436.7	355.2	283.5	234.7	195.5	156.4	104.3	65.2	45.6	26.1
-52.5°	498.6	413.9	332.4	277.0	228.1	198.8	153.2	97.8	65.2	45.6	26.1
-55°	469.3	391.1	319.4	267.2	234.7	205.3	146.7	88.0	65.2	45.6	26.1
-57.5°	446.5	378.1	309.6	270.5	244.4	198.8	136.9	84.7	65.2	42.4	26.1
-60°	430.2	365.0	312.9	283.5	247.7	189.0	130.4	84.7	65.2	42.4	22.8
-62.5°	417.2	368.3	329.2	293.3	234.7	176.0	123.8	84.7	58.7	39.1	22.8
-65°	420.4	381.3	335.7	280.3	224.9	163.0	114.1	81.5	55.4	35.8	22.8
-67.5°	430.2	371.5	316.1	264.0	202.1	146.7	104.3	75.0	52.1	35.8	22.8
-70°	397.6	342.2	286.8	224.9	172.7	127.1	97.8	68.4	45.6	32.6	22.8
-72.5°	358.5	286.8	228.1	182.5	146.7	117.3	88.0	61.9	42.4	29.3	19.6
-75°	260.7	208.6	169.5	153.2	130.4	104.3	78.2	55.4	39.1	29.3	19.6
-77.5°	185.8	172.7	156.4	140.1	117.3	91.3	68.4	52.1	35.8	26.1	16.3
-80°	182.5	166.2	146.7	120.6	97.8	78.2	58.7	45.6	32.6	22.8	13.0
-82.5°	153.2	130.4	110.8	91.3	75.0	61.9	48.9	35.8	26.1	16.3	9.8
-85°	94.5	81.5	71.7	61.9	52.1	42.4	32.6	22.8	16.3	9.8	6.5
-87.5°	45.6	42.4	35.8	29.3	26.1	19.6	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-722-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: P723623

CATALOG NUMBER: IFLD-M-SA4E-722-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)