

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: P723629

Luminaire Tested: **IFLD-L-SA8A-722-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723629
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8A-722-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (128) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	13358.1 lumens	Max Intensity:	314270.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	53.9 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:	4844.2 lumens	Field Lumens:	7722.6 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

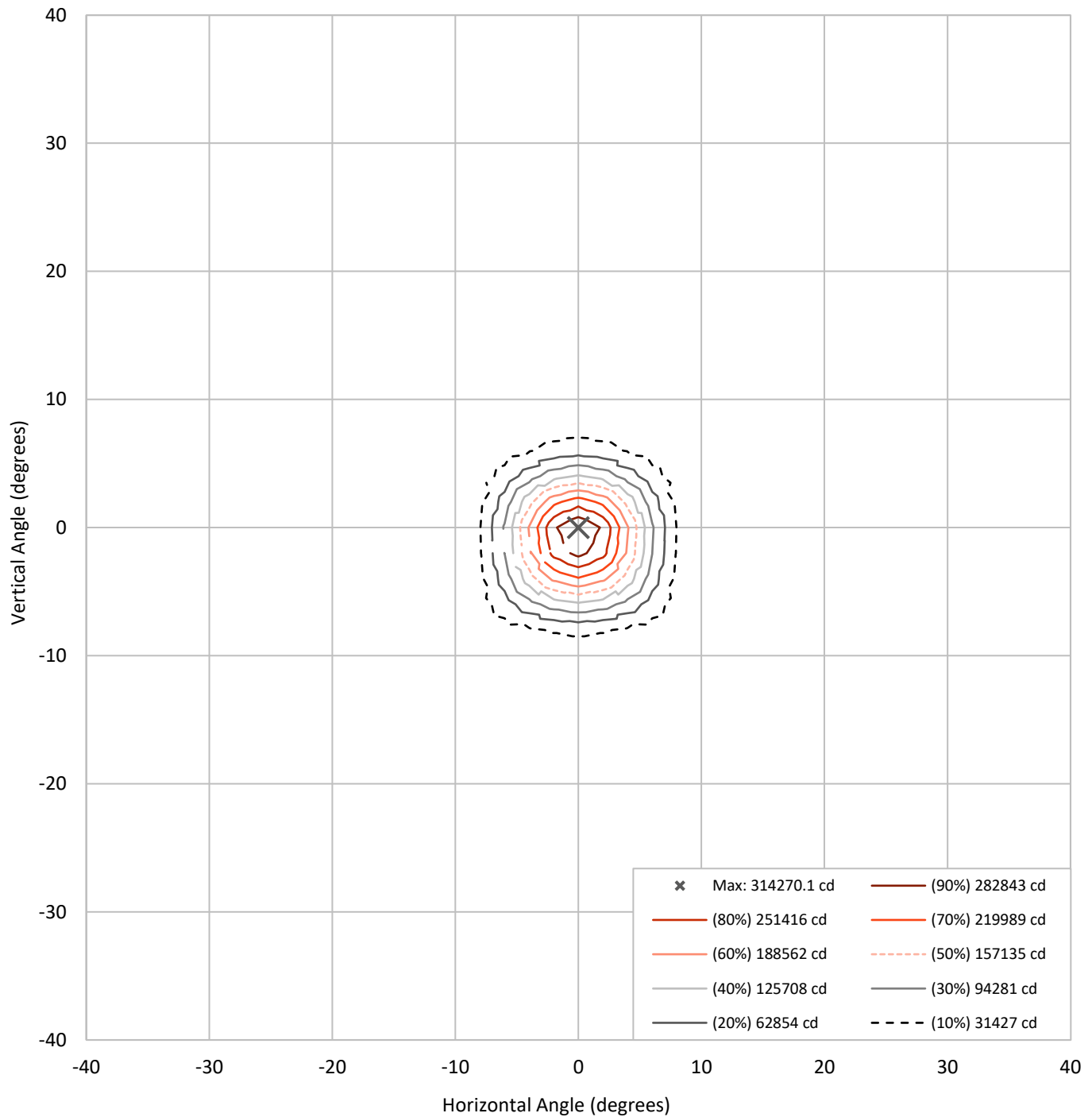
Input Watts (W): 247.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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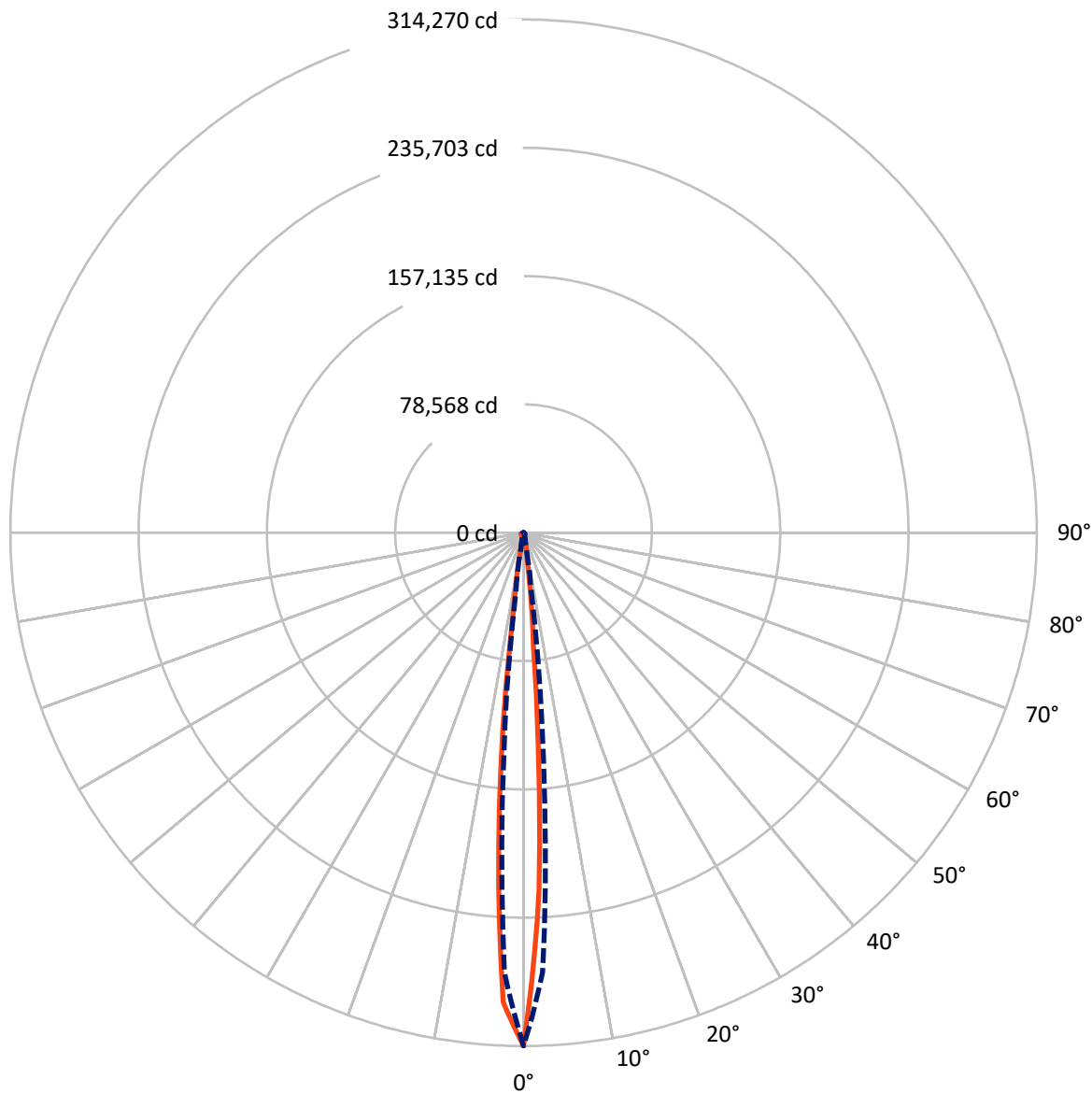
Lumen Table

90																			
80	0.2	3.0		3.2		1.2		0.3		1.2		3.2		3.0		0.2			
70																			
60	0.3	0.7	0.9	0.6	0.5	0.4	0.3	0.2	0.2	0.3	0.4	0.5	0.6	0.9	0.7	0.3			
50		0.4	0.6	1.6	3.4	5.6	7.2	8.3	8.3	7.2	5.6	3.4	1.6	0.6	0.4				
40	0.3	0.4	1.8	6.1	12.0	17.5	21.1	23.4	23.4	21.1	17.5	12.0	6.1	1.8	0.4	0.3			
30		0.9	4.6	12.5	20.3	23.9	25.8	26.7	26.7	25.8	23.9	20.3	12.5	4.6	0.9				
20	0.5	1.7	7.9	18.2	23.5	24.2	28.6	34.4	34.4	28.6	24.2	23.5	18.2	7.9	1.7	0.5			
10		2.7	11.1	22.3	25.1	28.3	49.8	84.8	84.8	49.8	28.3	25.1	22.3	11.1	2.7				
0	0.9	3.5	13.6	24.5	26.0	34.9	94.6	1753.6	1753.6	94.6	34.9	26.0	24.5	13.6	3.5	0.9			
-10		4.1	14.9	25.8	27.0	36.1	101.9	2556.9	2556.9	101.9	36.1	27.0	25.8	14.9	4.1				
-20	1.3	4.4	15.3	27.1	29.2	32.6	59.3	113.7	113.7	59.3	32.6	29.2	27.1	15.3	4.4	1.3			
-30		4.1	14.5	27.5	32.8	32.8	38.4	46.8	46.8	38.4	32.8	32.8	27.5	14.5	4.1				
-40	1.4	3.7	12.8	26.3	36.1	39.3	40.9	41.2	41.2	40.9	39.3	36.1	26.3	12.8	3.7	1.4			
-50		3.2	10.3	22.3	34.8	42.3	47.4	49.7	49.7	47.4	42.3	34.8	22.3	10.3	3.2				
-60	1.1	2.9	8.0	17.3	29.7	39.8	46.3	48.9	48.9	46.3	39.8	29.7	17.3	8.0	2.9	1.1			
-70		2.7	7.0	14.1	24.7	34.8	42.1	45.5	45.5	42.1	34.8	24.7	14.1	7.0	2.7				
-80	0.5	8.3		24.6		45.6		50.3		45.6		24.6		8.3		0.5			
-90																			
Horizontal Angle (degrees)																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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Luminous Intensity Polar Plot



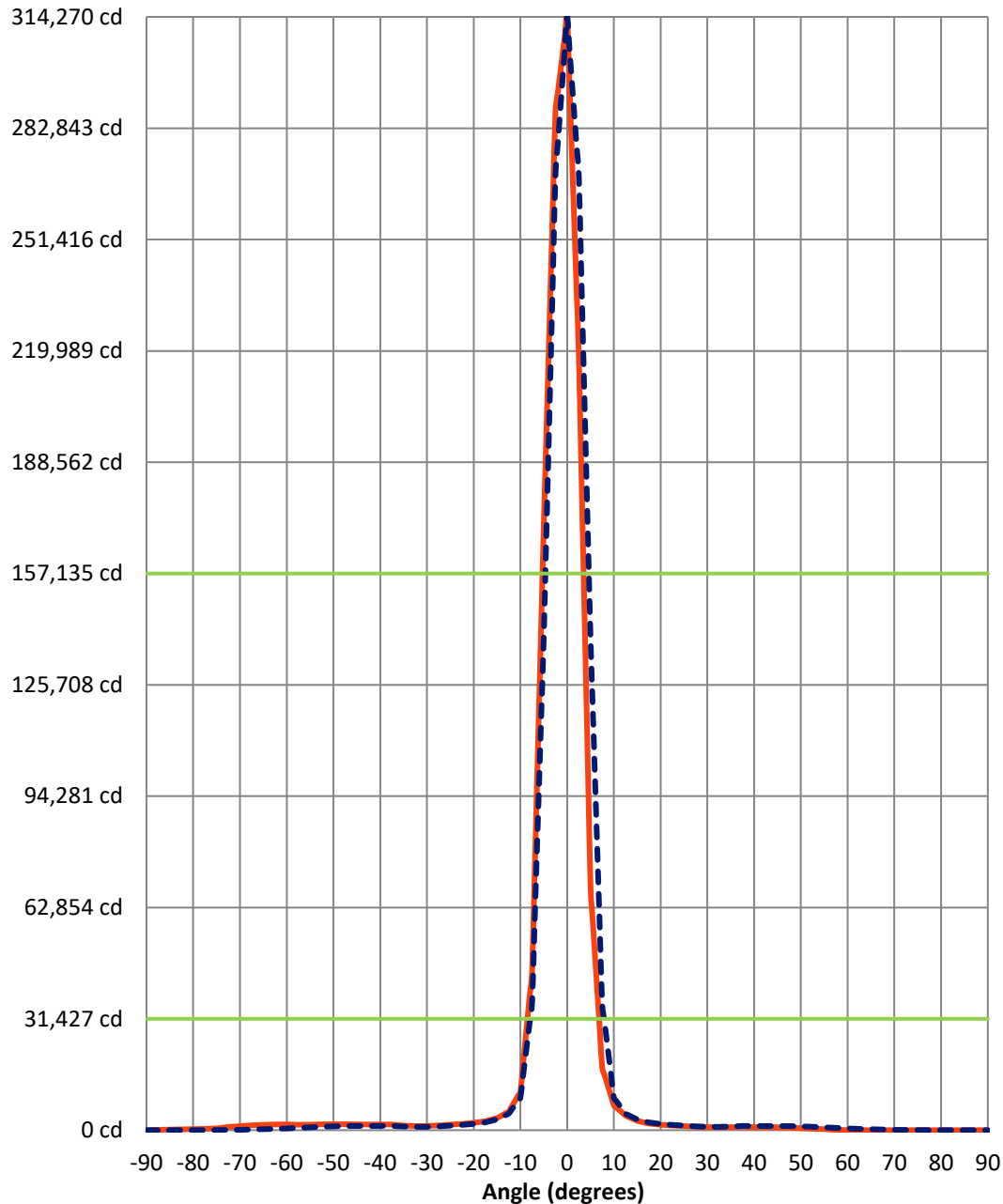
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°
V Angle: 8.8°
Lumens: 4844.2
Efficiency: 36.3%

Field:

H Angle: 15.8°
V Angle: 15.3°
Lumens: 7722.6
Efficiency: 57.8%

Spill:

Lumens: 5635.5
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	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
85°	0.0	3.1	3.1	6.2	6.2	6.2	9.3	12.3	15.4	15.4	18.5
82.5°	0.0	3.1	3.1	6.2	6.2	9.3	9.3	15.4	18.5	21.6	27.8
80°	3.1	3.1	3.1	6.2	6.2	9.3	9.3	12.3	15.4	21.6	24.7
77.5°	0.0	3.1	3.1	3.1	6.2	6.2	6.2	9.3	12.3	15.4	18.5
75°	0.0	3.1	3.1	3.1	6.2	6.2	6.2	6.2	9.3	9.3	12.3
72.5°	0.0	0.0	0.0	3.1	3.1	6.2	6.2	6.2	9.3	9.3	9.3
70°	0.0	0.0	0.0	3.1	3.1	6.2	6.2	6.2	9.3	9.3	9.3
67.5°	0.0	0.0	0.0	3.1	3.1	6.2	6.2	6.2	9.3	9.3	9.3
65°	0.0	0.0	0.0	3.1	3.1	6.2	6.2	9.3	9.3	9.3	9.3
62.5°	3.1	3.1	3.1	6.2	9.3	9.3	12.3	15.4	15.4	15.4	15.4
60°	30.8	33.9	37.0	37.0	33.9	33.9	37.0	37.0	37.0	37.0	37.0
57.5°	83.3	89.4	92.5	92.5	92.5	89.4	101.8	104.8	92.5	86.3	95.6
55°	289.9	299.1	292.9	283.7	265.2	243.6	237.4	234.4	237.4	222.0	197.4
52.5°	422.5	431.7	428.6	422.5	410.1	394.7	382.4	370.0	357.7	333.0	305.3
50°	548.9	552.0	548.9	542.7	530.4	515.0	490.3	462.6	437.9	431.7	407.0
47.5°	690.7	700.0	700.0	696.9	687.7	659.9	622.9	582.8	564.3	558.1	533.5
45°	817.2	823.3	826.4	829.5	826.4	798.7	764.8	743.2	703.1	690.7	690.7
42.5°	851.1	854.2	857.3	860.3	869.6	848.0	820.3	783.3	774.0	770.9	764.8
40°	863.4	857.3	860.3	863.4	866.5	851.1	829.5	807.9	801.8	795.6	795.6
37.5°	980.6	952.9	931.3	912.8	897.4	881.9	860.3	841.8	826.4	814.1	826.4
35°	835.7	835.7	857.3	875.8	894.3	912.8	915.9	894.3	860.3	844.9	866.5
32.5°	854.2	854.2	854.2	860.3	866.5	881.9	897.4	906.6	931.3	903.5	903.5
30°	872.7	875.8	881.9	885.0	875.8	869.6	863.4	863.4	878.8	918.9	940.5
27.5°	980.6	980.6	971.4	959.0	931.3	888.1	866.5	835.7	838.8	857.3	909.7
25°	1156.4	1150.2	1128.6	1097.8	1048.5	986.8	928.2	863.4	835.7	826.4	848.0
22.5°	1322.9	1313.6	1285.9	1258.1	1218.1	1156.4	1057.7	959.0	872.7	835.7	826.4
20°	1535.7	1514.1	1483.2	1440.1	1375.3	1313.6	1227.3	1097.8	971.4	875.8	838.8
17.5°	1878.0	1850.2	1791.6	1714.5	1603.5	1507.9	1384.6	1261.2	1119.4	965.2	881.9
15°	2627.3	2556.4	2454.6	2241.8	2022.9	1841.0	1655.9	1449.3	1304.4	1100.9	974.4
12.5°	4132.1	3937.9	3641.8	3145.4	2655.0	2232.6	1933.5	1668.3	1433.9	1245.8	1067.0
10°	6993.8	6577.5	5760.3	4403.5	3500.0	2722.9	2186.3	1831.7	1535.7	1341.4	1144.0
7.5°	17688.0	14428.5	10210.1	6972.2	4579.3	3327.3	2500.9	1985.9	1643.6	1403.1	1205.7
5°	68938.7	56789.0	30294.1	12643.1	6888.9	4024.2	2784.6	2109.2	1714.5	1449.3	1252.0
2.5°	218790.1	188940.1	99128.0	27216.6	8458.5	4533.0	2978.8	2186.3	1754.6	1483.2	1285.9
0°	314270.1	269340.9	139120.2	35795.3	9173.9	4662.5	3040.5	2201.7	1760.8	1489.4	1285.9
-2.5°	287503.8	251622.1	134389.8	33309.9	9374.4	4699.5	3089.8	2254.2	1807.0	1517.2	1295.1
-5°	170832.7	149845.2	93746.9	23750.5	8329.0	4363.4	2960.3	2207.9	1776.2	1501.8	1289.0
-7.5°	45009.4	38965.4	25631.5	12393.3	5390.3	3691.2	2719.8	2130.8	1736.1	1474.0	1264.3
-10°	10851.5	10284.1	9186.3	5630.8	4196.9	3083.7	2411.4	1992.1	1655.9	1437.0	1224.2
-12.5°	5233.0	5109.7	4637.9	3823.8	3114.5	2562.5	2183.2	1847.1	1581.9	1372.2	1168.7
-15°	3404.4	3333.5	3173.1	2861.7	2500.9	2235.7	1970.5	1699.1	1489.4	1276.6	1122.5
-17.5°	2519.4	2516.3	2436.1	2318.9	2140.1	1942.7	1748.4	1575.8	1372.2	1190.3	1073.1
-20°	2087.7	2087.7	2041.4	1964.3	1837.9	1708.4	1578.8	1418.5	1252.0	1116.3	1067.0

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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°	1773.1	1776.2	1751.5	1702.2	1634.4	1526.4	1400.0	1270.5	1150.2	1100.9	1085.5
-25°	1569.6	1563.4	1535.7	1489.4	1418.5	1332.1	1248.9	1162.5	1128.6	1116.3	1137.9
-27.5°	1329.1	1338.3	1326.0	1304.4	1258.1	1196.5	1178.0	1153.3	1159.5	1178.0	1261.2
-30°	1187.2	1196.5	1208.8	1218.1	1202.6	1187.2	1193.4	1211.9	1252.0	1322.9	1353.7
-32.5°	1187.2	1190.3	1208.8	1227.3	1236.6	1248.9	1282.8	1344.5	1403.1	1384.6	1378.4
-35°	1295.1	1285.9	1310.6	1335.2	1369.2	1412.3	1449.3	1437.0	1415.4	1409.2	1415.4
-37.5°	1603.5	1544.9	1520.3	1504.8	1495.6	1489.4	1480.2	1470.9	1461.7	1455.5	1464.7
-40°	1600.4	1585.0	1569.6	1557.3	1548.0	1535.7	1529.5	1526.4	1517.2	1511.0	1504.8
-42.5°	1594.3	1600.4	1600.4	1597.3	1600.4	1597.3	1588.1	1575.8	1560.3	1548.0	1535.7
-45°	1640.5	1643.6	1649.8	1655.9	1665.2	1652.9	1634.4	1612.8	1591.2	1572.7	1557.3
-47.5°	1668.3	1671.4	1677.5	1686.8	1692.9	1680.6	1655.9	1628.2	1594.3	1563.4	1532.6
-50°	1677.5	1686.8	1689.9	1689.9	1686.8	1671.4	1634.4	1594.3	1557.3	1526.4	1498.7
-52.5°	1634.4	1643.6	1646.7	1640.5	1637.4	1622.0	1588.1	1551.1	1511.0	1489.4	1464.7
-55°	1563.4	1575.8	1585.0	1585.0	1585.0	1581.9	1551.1	1517.2	1486.3	1461.7	1437.0
-57.5°	1535.7	1557.3	1575.8	1578.8	1581.9	1585.0	1563.4	1529.5	1492.5	1455.5	1424.7
-60°	1637.4	1655.9	1665.2	1652.9	1643.6	1634.4	1600.4	1560.3	1523.3	1486.3	1427.7
-62.5°	1609.7	1640.5	1655.9	1646.7	1634.4	1618.9	1581.9	1535.7	1492.5	1452.4	1393.8
-65°	1520.3	1548.0	1566.5	1551.1	1532.6	1511.0	1477.1	1433.9	1393.8	1353.7	1301.3
-67.5°	1369.2	1409.2	1440.1	1406.2	1381.5	1353.7	1326.0	1289.0	1248.9	1202.6	1153.3
-70°	1131.7	1162.5	1190.3	1181.0	1174.9	1168.7	1150.2	1113.2	1079.3	1042.3	999.1
-72.5°	909.7	937.4	962.1	946.7	934.4	915.9	888.1	848.0	807.9	767.8	727.7
-75°	502.6	511.9	521.1	518.1	518.1	518.1	518.1	521.1	515.0	505.7	487.2
-77.5°	385.5	397.8	407.0	413.2	422.5	434.8	444.0	428.6	413.2	397.8	379.3
-80°	302.2	314.5	323.8	357.7	382.4	410.1	428.6	407.0	385.5	367.0	351.5
-82.5°	228.2	237.4	246.7	265.2	277.5	292.9	305.3	305.3	302.2	299.1	289.9
-85°	166.5	178.9	191.2	197.4	206.6	206.6	209.7	197.4	185.0	175.8	163.4
-87.5°	95.6	98.7	98.7	98.7	101.8	101.8	101.8	95.6	92.5	86.3	83.3
-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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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°	3.1	3.1	3.1	6.2	6.2	9.3	9.3	12.3	12.3	15.4	15.4
85°	18.5	18.5	18.5	21.6	21.6	24.7	27.8	30.8	33.9	33.9	37.0
82.5°	30.8	33.9	37.0	40.1	43.2	46.3	49.3	52.4	61.7	67.8	70.9
80°	30.8	33.9	43.2	49.3	55.5	61.7	61.7	61.7	61.7	64.8	70.9
77.5°	21.6	24.7	27.8	33.9	49.3	61.7	70.9	77.1	70.9	67.8	61.7
75°	12.3	15.4	18.5	21.6	30.8	43.2	58.6	74.0	86.3	83.3	77.1
72.5°	12.3	12.3	15.4	18.5	21.6	24.7	27.8	43.2	61.7	77.1	86.3
70°	12.3	15.4	15.4	18.5	21.6	24.7	27.8	33.9	43.2	61.7	80.2
67.5°	12.3	15.4	15.4	21.6	27.8	30.8	33.9	30.8	27.8	40.1	58.6
65°	12.3	12.3	15.4	18.5	21.6	24.7	33.9	33.9	30.8	30.8	30.8
62.5°	18.5	18.5	18.5	18.5	21.6	21.6	21.6	27.8	27.8	27.8	27.8
60°	37.0	33.9	33.9	33.9	33.9	27.8	27.8	27.8	24.7	27.8	24.7
57.5°	89.4	74.0	67.8	67.8	58.6	55.5	46.3	33.9	33.9	27.8	27.8
55°	181.9	172.7	144.9	120.3	107.9	95.6	74.0	61.7	46.3	37.0	33.9
52.5°	280.6	255.9	231.3	200.4	169.6	144.9	123.3	95.6	77.1	55.5	43.2
50°	367.0	345.4	317.6	283.7	243.6	212.8	181.9	144.9	114.1	86.3	61.7
47.5°	499.6	456.4	422.5	382.4	336.1	292.9	252.9	209.7	160.4	126.4	95.6
45°	641.4	579.7	533.5	496.5	434.8	376.2	330.0	283.7	225.1	166.5	129.5
42.5°	740.1	693.8	632.2	582.8	527.3	465.6	404.0	354.6	292.9	225.1	166.5
40°	792.5	761.7	712.3	669.2	610.6	542.7	478.0	428.6	363.9	289.9	209.7
37.5°	832.6	817.2	792.5	758.6	703.1	622.9	558.1	499.6	444.0	357.7	271.4
35°	878.8	875.8	860.3	844.9	798.7	721.6	644.5	576.6	508.8	428.6	333.0
32.5°	922.0	918.9	909.7	903.5	885.0	817.2	733.9	656.8	579.7	496.5	391.6
30°	943.6	937.4	937.4	943.6	925.1	881.9	820.3	737.0	650.7	552.0	453.3
27.5°	943.6	937.4	940.5	949.8	946.7	925.1	878.8	811.0	715.4	604.4	508.8
25°	903.5	934.4	934.4	946.7	949.8	943.6	918.9	875.8	777.1	659.9	552.0
22.5°	848.0	922.0	949.8	946.7	949.8	965.2	968.3	928.2	835.7	715.4	595.2
20°	848.0	900.4	980.6	959.0	965.2	999.1	1014.5	980.6	897.4	767.8	638.3
17.5°	866.5	900.4	968.3	1002.2	1011.4	1039.2	1063.9	1042.3	952.9	823.3	696.9
15°	918.9	912.8	959.0	1042.3	1057.7	1079.3	1107.0	1082.4	1002.2	885.0	752.4
12.5°	955.9	922.0	959.0	1048.5	1097.8	1119.4	1128.6	1110.1	1045.4	940.5	807.9
10°	1005.3	946.7	965.2	1042.3	1113.2	1128.6	1137.9	1131.7	1085.5	986.8	857.3
7.5°	1042.3	959.0	959.0	1033.0	1128.6	1141.0	1147.1	1153.3	1119.4	1026.9	900.4
5°	1057.7	959.0	952.9	1023.8	1144.0	1156.4	1156.4	1165.6	1144.0	1057.7	931.3
2.5°	1060.8	955.9	946.7	1017.6	1171.8	1171.8	1165.6	1174.9	1162.5	1076.2	952.9
0°	1076.2	952.9	943.6	1026.9	1202.6	1190.3	1174.9	1178.0	1171.8	1085.5	965.2
-2.5°	1076.2	968.3	955.9	1033.0	1199.6	1196.5	1190.3	1193.4	1187.2	1113.2	989.9
-5°	1091.6	989.9	977.5	1060.8	1196.5	1205.7	1208.8	1208.8	1199.6	1131.7	1005.3
-7.5°	1094.7	1005.3	1002.2	1088.5	1202.6	1218.1	1227.3	1233.5	1215.0	1144.0	1017.6
-10°	1079.3	1011.4	1026.9	1122.5	1208.8	1230.4	1248.9	1258.1	1227.3	1150.2	1023.8
-12.5°	1045.4	1011.4	1051.5	1165.6	1224.2	1248.9	1276.6	1279.7	1239.6	1153.3	1026.9
-15°	1042.3	1036.1	1094.7	1208.8	1233.5	1264.3	1307.5	1298.2	1248.9	1153.3	1026.9
-17.5°	1039.2	1070.0	1159.5	1224.2	1248.9	1282.8	1316.7	1307.5	1255.1	1153.3	1020.7
-20°	1067.0	1125.5	1236.6	1239.6	1267.4	1304.4	1322.9	1304.4	1245.8	1144.0	1011.4

REPORT NUMBER: P723629

CATALOG NUMBER: IFLD-L-SA8A-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°	1113.2	1224.2	1261.2	1273.6	1298.2	1326.0	1335.2	1307.5	1236.6	1128.6	996.0
-25°	1230.4	1285.9	1285.9	1313.6	1338.3	1350.7	1341.4	1310.6	1224.2	1113.2	980.6
-27.5°	1319.8	1316.7	1332.1	1359.9	1381.5	1381.5	1356.8	1295.1	1205.7	1097.8	959.0
-30°	1353.7	1356.8	1378.4	1409.2	1415.4	1400.0	1363.0	1282.8	1190.3	1073.1	931.3
-32.5°	1387.7	1400.0	1427.7	1443.2	1446.2	1415.4	1347.6	1261.2	1165.6	1045.4	900.4
-35°	1427.7	1452.4	1467.8	1470.9	1455.5	1403.1	1326.0	1233.5	1128.6	1005.3	872.7
-37.5°	1480.2	1492.5	1501.8	1489.4	1446.2	1384.6	1289.0	1196.5	1094.7	962.1	832.6
-40°	1514.1	1520.3	1523.3	1483.2	1430.8	1341.4	1248.9	1153.3	1036.1	912.8	789.4
-42.5°	1535.7	1529.5	1504.8	1461.7	1384.6	1298.2	1208.8	1100.9	983.7	863.4	743.2
-45°	1529.5	1507.9	1470.9	1418.5	1338.3	1252.0	1147.1	1039.2	928.2	811.0	690.7
-47.5°	1504.8	1470.9	1424.7	1363.0	1289.0	1184.1	1079.3	974.4	866.5	752.4	641.4
-50°	1474.0	1433.9	1378.4	1301.3	1202.6	1107.0	1011.4	909.7	798.7	693.8	595.2
-52.5°	1440.1	1396.9	1326.0	1239.6	1131.7	1033.0	940.5	841.8	740.1	641.4	555.1
-55°	1403.1	1359.9	1279.7	1181.0	1073.1	965.2	875.8	792.5	693.8	598.2	521.1
-57.5°	1384.6	1329.1	1245.8	1147.1	1033.0	922.0	844.9	755.5	666.1	567.4	493.4
-60°	1369.2	1313.6	1236.6	1122.5	1014.5	909.7	820.3	733.9	638.3	545.8	471.8
-62.5°	1326.0	1267.4	1196.5	1085.5	980.6	885.0	804.8	703.1	610.6	524.2	456.4
-65°	1239.6	1178.0	1116.3	1017.6	922.0	832.6	752.4	659.9	573.6	499.6	441.0
-67.5°	1104.0	1051.5	996.0	912.8	832.6	752.4	678.4	598.2	527.3	474.9	444.0
-70°	952.9	897.4	841.8	774.0	706.2	641.4	582.8	524.2	478.0	450.2	425.5
-72.5°	693.8	669.2	641.4	589.0	533.5	493.4	465.6	441.0	407.0	382.4	367.0
-75°	462.6	428.6	385.5	367.0	370.0	363.9	348.5	330.0	314.5	305.3	283.7
-77.5°	360.8	342.3	320.7	299.1	289.9	280.6	268.3	252.9	240.5	218.9	188.1
-80°	333.0	317.6	302.2	286.8	271.4	249.8	225.1	200.4	188.1	178.9	175.8
-82.5°	274.4	255.9	237.4	222.0	200.4	185.0	169.6	157.3	157.3	154.2	151.1
-85°	157.3	151.1	141.8	135.7	129.5	120.3	111.0	104.8	101.8	98.7	95.6
-87.5°	80.2	77.1	70.9	67.8	64.8	61.7	55.5	52.4	49.3	49.3	46.3
-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-L-SA8A-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°	15.4	15.4	12.3	12.3	12.3	9.3	6.2	6.2	3.1	3.1	0.0
85°	37.0	30.8	27.8	24.7	24.7	18.5	12.3	9.3	6.2	3.1	3.1
82.5°	70.9	61.7	52.4	46.3	37.0	27.8	21.6	15.4	9.3	6.2	3.1
80°	80.2	80.2	77.1	64.8	52.4	40.1	27.8	18.5	12.3	9.3	6.2
77.5°	61.7	67.8	67.8	67.8	64.8	49.3	33.9	21.6	12.3	9.3	6.2
75°	70.9	61.7	58.6	61.7	58.6	49.3	40.1	24.7	15.4	12.3	6.2
72.5°	86.3	74.0	64.8	61.7	55.5	46.3	37.0	27.8	15.4	12.3	9.3
70°	80.2	77.1	70.9	64.8	55.5	46.3	37.0	27.8	18.5	12.3	9.3
67.5°	70.9	70.9	70.9	64.8	55.5	43.2	33.9	24.7	18.5	12.3	9.3
65°	49.3	58.6	64.8	61.7	55.5	43.2	33.9	24.7	18.5	15.4	9.3
62.5°	30.8	40.1	52.4	58.6	52.4	43.2	30.8	24.7	18.5	15.4	9.3
60°	27.8	30.8	37.0	46.3	49.3	40.1	30.8	21.6	18.5	15.4	9.3
57.5°	27.8	27.8	30.8	37.0	40.1	37.0	27.8	18.5	18.5	15.4	12.3
55°	30.8	27.8	27.8	30.8	33.9	33.9	27.8	18.5	18.5	15.4	12.3
52.5°	37.0	30.8	27.8	27.8	27.8	30.8	24.7	18.5	18.5	15.4	12.3
50°	46.3	37.0	33.9	27.8	27.8	27.8	24.7	18.5	15.4	15.4	12.3
47.5°	61.7	49.3	37.0	33.9	27.8	24.7	21.6	18.5	15.4	15.4	12.3
45°	92.5	58.6	49.3	37.0	30.8	27.8	24.7	18.5	15.4	15.4	12.3
42.5°	126.4	86.3	61.7	43.2	33.9	27.8	24.7	21.6	15.4	15.4	12.3
40°	160.4	117.2	77.1	55.5	40.1	30.8	24.7	21.6	18.5	15.4	12.3
37.5°	197.4	144.9	101.8	70.9	46.3	33.9	27.8	21.6	18.5	15.4	12.3
35°	243.6	181.9	126.4	86.3	55.5	40.1	30.8	21.6	18.5	15.4	12.3
32.5°	296.0	215.9	151.1	104.8	70.9	49.3	33.9	24.7	18.5	15.4	12.3
30°	345.4	255.9	178.9	126.4	86.3	55.5	37.0	24.7	18.5	15.4	9.3
27.5°	394.7	296.0	212.8	148.0	104.8	64.8	40.1	27.8	18.5	15.4	12.3
25°	444.0	336.1	246.7	169.6	120.3	77.1	49.3	30.8	18.5	15.4	12.3
22.5°	487.2	376.2	277.5	194.3	138.8	89.4	55.5	33.9	21.6	15.4	12.3
20°	536.6	419.4	311.5	222.0	154.2	101.8	61.7	37.0	21.6	15.4	12.3
17.5°	582.8	462.6	345.4	246.7	172.7	114.1	70.9	40.1	24.7	15.4	12.3
15°	629.1	502.6	376.2	271.4	191.2	126.4	77.1	43.2	27.8	15.4	12.3
12.5°	672.2	539.6	404.0	292.9	206.6	138.8	83.3	46.3	30.8	15.4	12.3
10°	712.3	573.6	431.7	311.5	222.0	148.0	89.4	52.4	33.9	15.4	12.3
7.5°	752.4	601.3	453.3	330.0	240.5	160.4	95.6	55.5	37.0	18.5	12.3
5°	777.1	626.0	471.8	345.4	255.9	172.7	101.8	58.6	40.1	18.5	12.3
2.5°	798.7	644.5	484.1	360.8	271.4	181.9	101.8	61.7	43.2	18.5	12.3
0°	811.0	656.8	493.4	370.0	283.7	188.1	104.8	64.8	46.3	18.5	12.3
-2.5°	838.8	678.4	515.0	382.4	296.0	206.6	111.0	67.8	49.3	21.6	12.3
-5°	857.3	690.7	530.4	394.7	305.3	225.1	120.3	74.0	55.5	27.8	15.4
-7.5°	872.7	703.1	542.7	400.9	314.5	231.3	123.3	77.1	58.6	30.8	15.4
-10°	875.8	709.2	552.0	410.1	320.7	240.5	126.4	80.2	61.7	33.9	15.4
-12.5°	878.8	715.4	555.1	416.3	326.9	246.7	129.5	83.3	64.8	37.0	15.4
-15°	875.8	712.3	555.1	422.5	330.0	240.5	135.7	86.3	67.8	40.1	15.4
-17.5°	869.6	709.2	552.0	419.4	326.9	234.4	138.8	92.5	67.8	43.2	18.5
-20°	860.3	700.0	545.8	416.3	323.8	228.2	141.8	95.6	70.9	43.2	18.5

REPORT NUMBER: P723629

CATALOG NUMBER: IFLD-L-SA8A-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°	844.9	684.6	533.5	407.0	317.6	222.0	141.8	101.8	74.0	43.2	18.5
-25°	826.4	669.2	521.1	394.7	308.4	212.8	141.8	104.8	77.1	43.2	18.5
-27.5°	804.8	653.7	502.6	385.5	296.0	206.6	141.8	107.9	80.2	43.2	18.5
-30°	780.2	632.2	487.2	370.0	286.8	206.6	144.9	111.0	83.3	43.2	18.5
-32.5°	755.5	610.6	468.7	357.7	274.4	203.5	144.9	114.1	86.3	40.1	21.6
-35°	727.7	585.9	453.3	348.5	265.2	197.4	148.0	114.1	83.3	40.1	21.6
-37.5°	693.8	555.1	437.9	339.2	259.0	191.2	148.0	117.2	80.2	40.1	21.6
-40°	656.8	530.4	419.4	326.9	249.8	188.1	148.0	117.2	77.1	40.1	24.7
-42.5°	616.7	502.6	400.9	314.5	240.5	185.0	148.0	117.2	74.0	40.1	24.7
-45°	579.7	474.9	379.3	299.1	231.3	185.0	148.0	114.1	67.8	43.2	24.7
-47.5°	539.6	444.0	354.6	283.7	228.2	181.9	144.9	107.9	61.7	43.2	24.7
-50°	505.7	413.2	336.1	268.3	222.0	185.0	148.0	98.7	61.7	43.2	24.7
-52.5°	471.8	391.6	314.5	262.1	215.9	188.1	144.9	92.5	61.7	43.2	24.7
-55°	444.0	370.0	302.2	252.9	222.0	194.3	138.8	83.3	61.7	43.2	24.7
-57.5°	422.5	357.7	292.9	255.9	231.3	188.1	129.5	80.2	61.7	40.1	24.7
-60°	407.0	345.4	296.0	268.3	234.4	178.9	123.3	80.2	61.7	40.1	21.6
-62.5°	394.7	348.5	311.5	277.5	222.0	166.5	117.2	80.2	55.5	37.0	21.6
-65°	397.8	360.8	317.6	265.2	212.8	154.2	107.9	77.1	52.4	33.9	21.6
-67.5°	407.0	351.5	299.1	249.8	191.2	138.8	98.7	70.9	49.3	33.9	21.6
-70°	376.2	323.8	271.4	212.8	163.4	120.3	92.5	64.8	43.2	30.8	21.6
-72.5°	339.2	271.4	215.9	172.7	138.8	111.0	83.3	58.6	40.1	27.8	18.5
-75°	246.7	197.4	160.4	144.9	123.3	98.7	74.0	52.4	37.0	27.8	18.5
-77.5°	175.8	163.4	148.0	132.6	111.0	86.3	64.8	49.3	33.9	24.7	15.4
-80°	172.7	157.3	138.8	114.1	92.5	74.0	55.5	43.2	30.8	21.6	12.3
-82.5°	144.9	123.3	104.8	86.3	70.9	58.6	46.3	33.9	24.7	15.4	9.3
-85°	89.4	77.1	67.8	58.6	49.3	40.1	30.8	21.6	15.4	9.3	6.2
-87.5°	43.2	40.1	33.9	27.8	24.7	18.5	15.4	12.3	9.3	6.2	3.1
-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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CATALOG NUMBER: IFLD-L-SA8A-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°	3.1	0.0	0.0	0.0
80°	3.1	0.0	0.0	0.0
77.5°	3.1	0.0	0.0	0.0
75°	3.1	3.1	0.0	0.0
72.5°	3.1	3.1	0.0	0.0
70°	6.2	3.1	3.1	0.0
67.5°	6.2	3.1	3.1	0.0
65°	6.2	3.1	3.1	0.0
62.5°	6.2	3.1	3.1	0.0
60°	6.2	3.1	3.1	0.0
57.5°	6.2	3.1	3.1	0.0
55°	6.2	3.1	3.1	0.0
52.5°	6.2	3.1	3.1	0.0
50°	6.2	3.1	3.1	0.0
47.5°	6.2	6.2	3.1	0.0
45°	6.2	6.2	3.1	0.0
42.5°	6.2	6.2	3.1	0.0
40°	6.2	6.2	3.1	0.0
37.5°	6.2	6.2	3.1	0.0
35°	6.2	6.2	3.1	0.0
32.5°	9.3	6.2	3.1	0.0
30°	9.3	6.2	6.2	0.0
27.5°	9.3	6.2	6.2	0.0
25°	9.3	6.2	6.2	0.0
22.5°	9.3	6.2	6.2	0.0
20°	9.3	6.2	6.2	0.0
17.5°	9.3	6.2	6.2	0.0
15°	9.3	6.2	6.2	0.0
12.5°	9.3	6.2	6.2	0.0
10°	9.3	6.2	6.2	0.0
7.5°	9.3	6.2	6.2	0.0
5°	9.3	6.2	6.2	0.0
2.5°	9.3	6.2	6.2	0.0
0°	9.3	6.2	6.2	0.0
-2.5°	9.3	6.2	6.2	0.0
-5°	9.3	6.2	6.2	0.0
-7.5°	9.3	6.2	6.2	0.0
-10°	9.3	6.2	6.2	0.0
-12.5°	12.3	6.2	6.2	0.0
-15°	12.3	6.2	6.2	0.0
-17.5°	12.3	6.2	6.2	0.0
-20°	12.3	6.2	6.2	0.0

REPORT NUMBER: P723629

CATALOG NUMBER: IFLD-L-SA8A-722-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	12.3	6.2	6.2	0.0
-25°	12.3	6.2	6.2	0.0
-27.5°	12.3	6.2	6.2	0.0
-30°	12.3	6.2	6.2	0.0
-32.5°	12.3	6.2	6.2	0.0
-35°	12.3	6.2	6.2	0.0
-37.5°	12.3	6.2	6.2	0.0
-40°	12.3	6.2	6.2	0.0
-42.5°	9.3	6.2	3.1	0.0
-45°	12.3	6.2	3.1	0.0
-47.5°	12.3	6.2	3.1	0.0
-50°	12.3	6.2	3.1	0.0
-52.5°	12.3	6.2	3.1	0.0
-55°	12.3	6.2	3.1	0.0
-57.5°	12.3	6.2	3.1	0.0
-60°	12.3	6.2	3.1	0.0
-62.5°	12.3	6.2	3.1	0.0
-65°	12.3	6.2	3.1	0.0
-67.5°	12.3	6.2	3.1	0.0
-70°	12.3	3.1	3.1	0.0
-72.5°	9.3	3.1	3.1	0.0
-75°	9.3	3.1	3.1	0.0
-77.5°	6.2	3.1	0.0	0.0
-80°	6.2	3.1	0.0	0.0
-82.5°	6.2	3.1	0.0	0.0
-85°	3.1	0.0	0.0	0.0
-87.5°	3.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)