

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: P723630

Luminaire Tested: **IFLD-L-SA8B-722-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723630
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8B-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:	15870.4 lumens	Max Intensity:	373373.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	49.6 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:	5755.2 lumens	Field Lumens:	9175 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

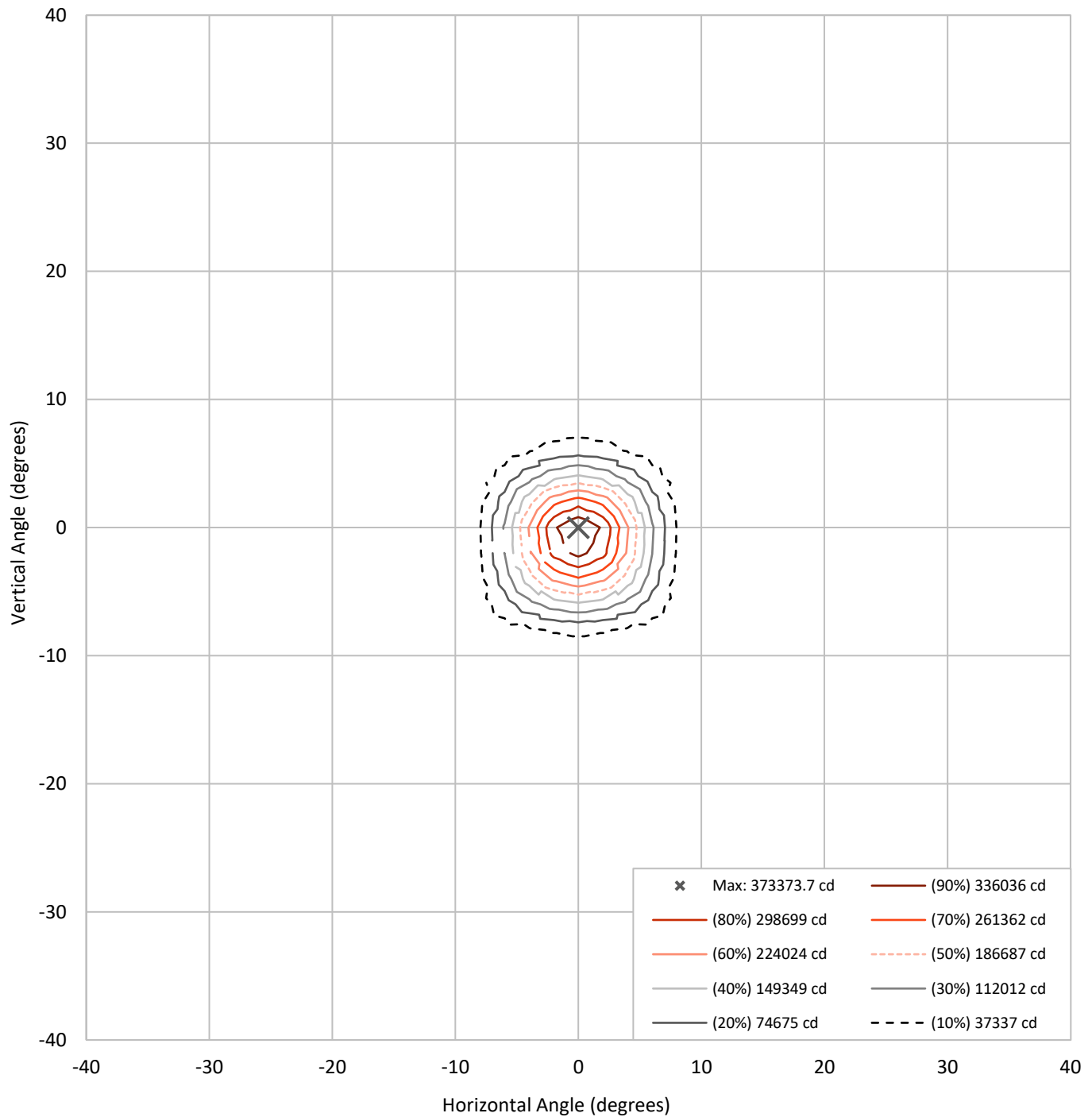
Input Watts (W): 320
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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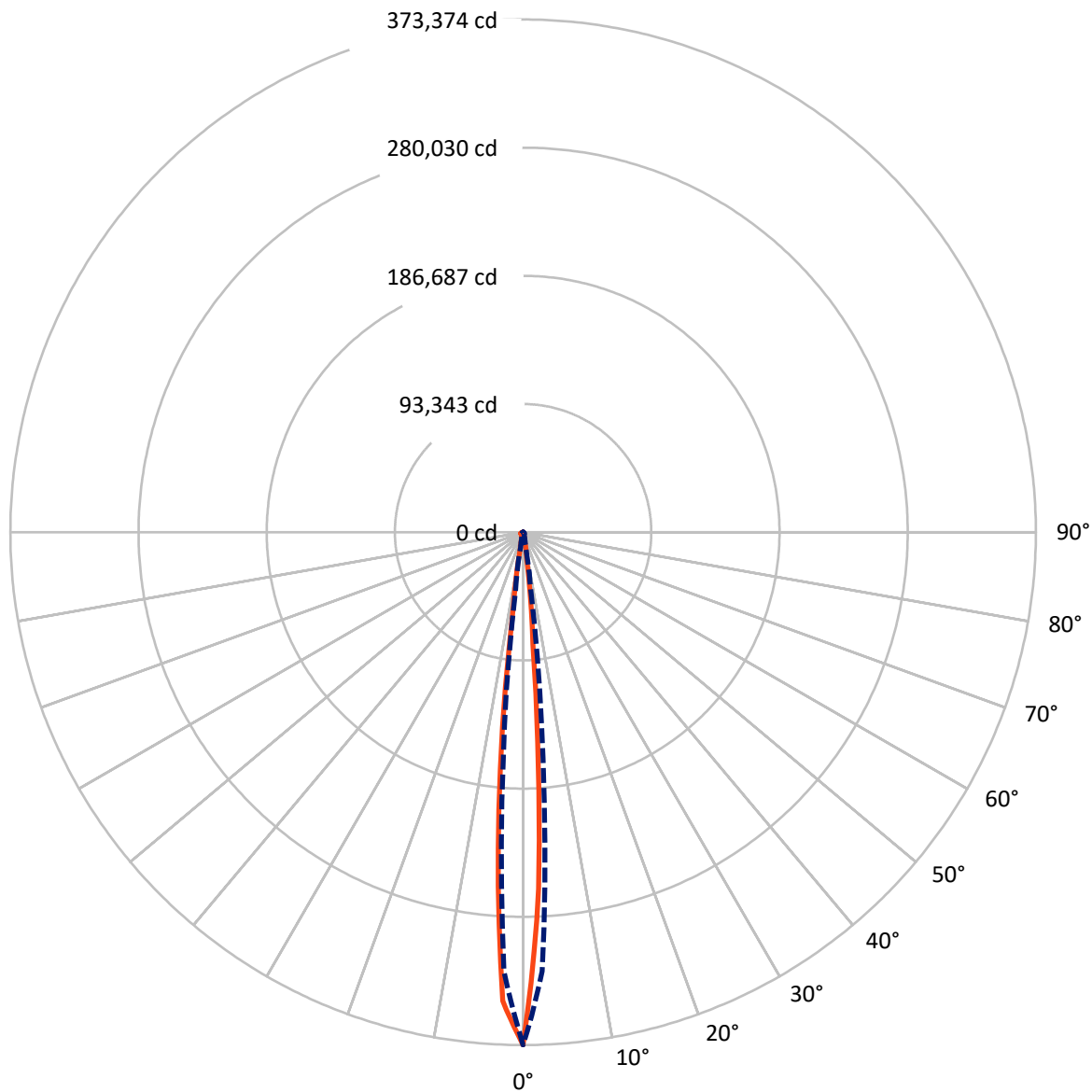
Lumen Table

90																			
80	0.3	3.5		3.8		1.5		0.4		1.5		3.8		3.5		0.3			
70																			
60	0.4	0.8	1.0	0.8	0.6	0.5	0.4	0.2	0.2	0.4	0.5	0.6	0.8	1.0	0.8	0.4			
50		0.5	0.7	1.9	4.1	6.7	8.6	9.8	9.8	8.6	6.7	4.1	1.9	0.7	0.5				
40	0.4	0.5	2.2	7.2	14.2	20.8	25.1	27.8	27.8	25.1	20.8	14.2	7.2	2.2	0.5	0.4			
30		1.1	5.5	14.8	24.1	28.3	30.6	31.7	31.7	30.6	28.3	24.1	14.8	5.5	1.1				
20	0.6	2.1	9.4	21.6	28.0	28.8	34.0	40.9	40.9	34.0	28.8	28.0	21.6	9.4	2.1	0.6			
10		3.2	13.2	26.5	29.8	33.6	59.1	100.7	100.7	59.1	33.6	29.8	26.5	13.2	3.2				
0	1.1	4.2	16.2	29.2	30.9	41.5	112.4	2083.4	2083.4	112.4	41.5	30.9	29.2	16.2	4.2	1.1			
-10		4.9	17.7	30.6	32.1	42.9	121.1	3037.8	3037.8	121.1	42.9	32.1	30.6	17.7	4.9				
-20	1.5	5.2	18.2	32.3	34.7	38.7	70.4	135.1	135.1	70.4	38.7	34.7	32.3	18.2	5.2	1.5			
-30		4.9	17.3	32.7	38.9	39.0	45.6	55.6	55.6	45.6	39.0	38.9	32.7	17.3	4.9				
-40	1.7	4.4	15.3	31.2	42.8	46.7	48.6	49.0	49.0	48.6	46.7	42.8	31.2	15.3	4.4	1.7			
-50		3.8	12.3	26.5	41.3	50.2	56.3	59.0	59.0	56.3	50.2	41.3	26.5	12.3	3.8				
-60	1.3	3.5	9.5	20.6	35.2	47.3	55.0	58.1	58.1	55.0	47.3	35.2	20.6	9.5	3.5	1.3			
-70		3.2	8.3	16.8	29.4	41.4	50.1	54.1	54.1	50.1	41.4	29.4	16.8	8.3	3.2				
-80	0.6	9.8		29.2		54.2		59.8		54.2		29.2		9.8		0.6			
-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



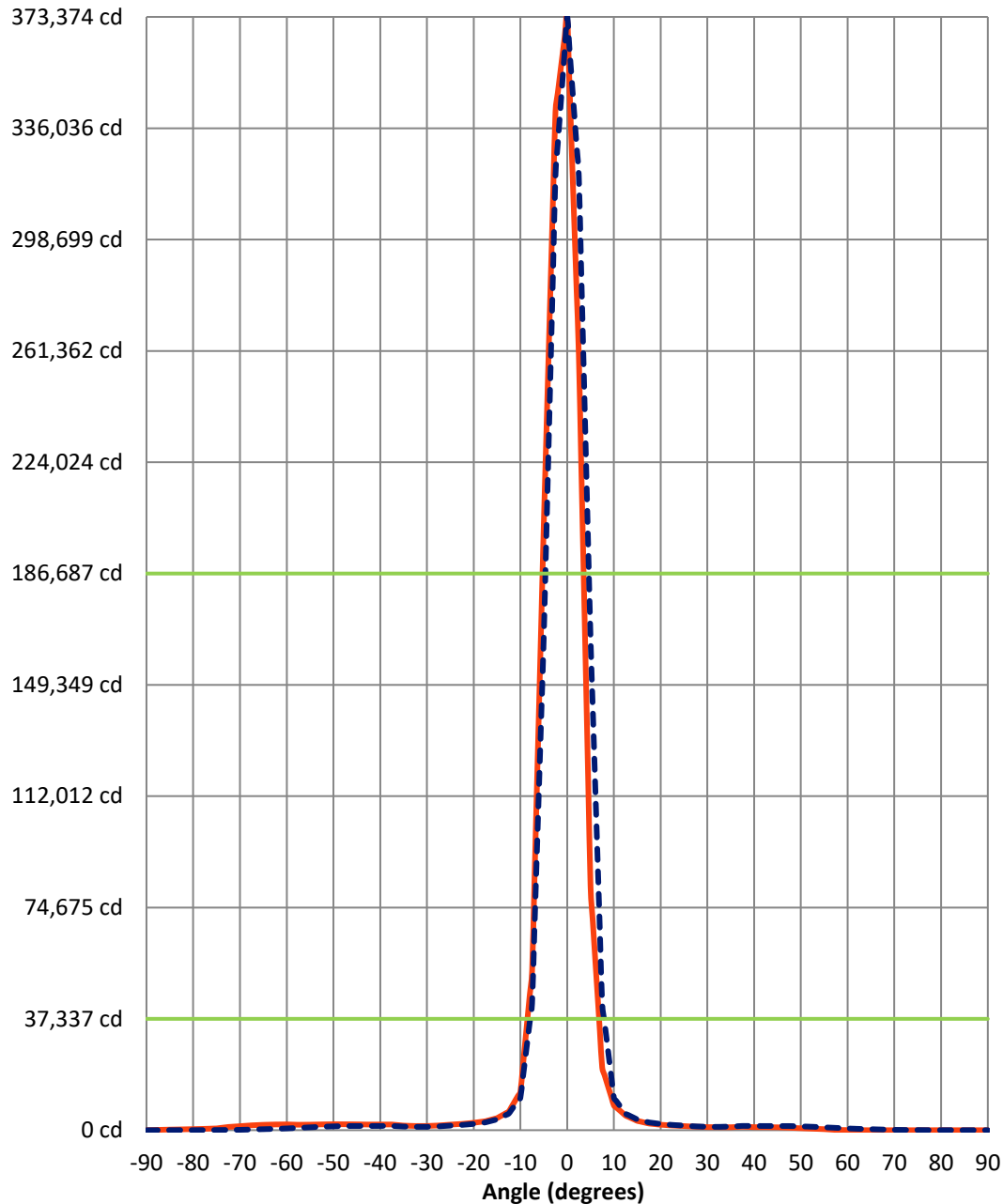
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°
V Angle: 8.8°
Lumens: 5755.2
Efficiency: 36.3%

Field:

H Angle: 15.8°
V Angle: 15.3°
Lumens: 9175
Efficiency: 57.8%

Spill:

Lumens: 6695.4
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	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
85°	0.0	3.7	3.7	7.3	7.3	7.3	11.0	14.7	18.3	18.3	22.0
82.5°	0.0	3.7	3.7	7.3	7.3	11.0	11.0	18.3	22.0	25.6	33.0
80°	3.7	3.7	3.7	7.3	7.3	11.0	11.0	14.7	18.3	25.6	29.3
77.5°	0.0	3.7	3.7	3.7	7.3	7.3	7.3	11.0	14.7	18.3	22.0
75°	0.0	3.7	3.7	3.7	7.3	7.3	7.3	7.3	11.0	11.0	14.7
72.5°	0.0	0.0	0.0	3.7	3.7	7.3	7.3	7.3	11.0	11.0	11.0
70°	0.0	0.0	0.0	3.7	3.7	7.3	7.3	7.3	11.0	11.0	11.0
67.5°	0.0	0.0	0.0	3.7	3.7	7.3	7.3	7.3	11.0	11.0	11.0
65°	0.0	0.0	0.0	3.7	3.7	7.3	7.3	11.0	11.0	11.0	11.0
62.5°	3.7	3.7	3.7	7.3	11.0	11.0	14.7	18.3	18.3	18.3	18.3
60°	36.6	40.3	44.0	44.0	40.3	40.3	44.0	44.0	44.0	44.0	44.0
57.5°	98.9	106.2	109.9	109.9	109.9	106.2	120.9	124.6	109.9	102.6	113.6
55°	344.4	355.4	348.0	337.1	315.1	289.4	282.1	278.4	282.1	263.8	234.5
52.5°	501.9	512.9	509.2	501.9	487.3	468.9	454.3	439.6	425.0	395.7	362.7
50°	652.1	655.8	652.1	644.8	630.1	611.8	582.5	549.5	520.2	512.9	483.6
47.5°	820.6	831.6	831.6	828.0	817.0	784.0	740.1	692.4	670.4	663.1	633.8
45°	970.9	978.2	981.8	985.5	981.8	948.9	908.6	882.9	835.3	820.6	820.6
42.5°	1011.2	1014.8	1018.5	1022.1	1033.1	1007.5	974.5	930.6	919.6	915.9	908.6
40°	1025.8	1018.5	1022.1	1025.8	1029.5	1011.2	985.5	959.9	952.5	945.2	945.2
37.5°	1165.0	1132.1	1106.4	1084.4	1066.1	1047.8	1022.1	1000.2	981.8	967.2	981.8
35°	992.8	992.8	1018.5	1040.5	1062.4	1084.4	1088.1	1062.4	1022.1	1003.8	1029.5
32.5°	1014.8	1014.8	1014.8	1022.1	1029.5	1047.8	1066.1	1077.1	1106.4	1073.4	1073.4
30°	1036.8	1040.5	1047.8	1051.5	1040.5	1033.1	1025.8	1025.8	1044.1	1091.8	1117.4
27.5°	1165.0	1165.0	1154.0	1139.4	1106.4	1055.1	1029.5	992.8	996.5	1018.5	1080.8
25°	1373.9	1366.5	1340.9	1304.2	1245.6	1172.4	1102.7	1025.8	992.8	981.8	1007.5
22.5°	1571.7	1560.7	1527.7	1494.8	1447.1	1373.9	1256.6	1139.4	1036.8	992.8	981.8
20°	1824.5	1798.8	1762.2	1710.9	1634.0	1560.7	1458.1	1304.2	1154.0	1040.5	996.5
17.5°	2231.1	2198.2	2128.6	2037.0	1905.1	1791.5	1645.0	1498.4	1329.9	1146.7	1047.8
15°	3121.4	3037.1	2916.2	2663.4	2403.3	2187.2	1967.4	1721.9	1549.7	1307.9	1157.7
12.5°	4909.2	4678.4	4326.7	3736.9	3154.4	2652.5	2297.1	1982.0	1703.6	1480.1	1267.6
10°	8309.1	7814.5	6843.6	5231.6	4158.2	3235.0	2597.5	2176.2	1824.5	1593.7	1359.2
7.5°	21014.5	17142.1	12130.2	8283.4	5440.5	3953.0	2971.2	2359.4	1952.7	1666.9	1432.5
5°	81903.8	67469.1	35991.4	15020.8	8184.5	4781.0	3308.2	2505.9	2037.0	1721.9	1487.4
2.5°	259937.2	224473.4	117770.6	32335.1	10049.3	5385.5	3539.1	2597.5	2084.6	1762.2	1527.7
0°	373373.7	319994.8	165284.0	42527.2	10899.3	5539.4	3612.3	2615.8	2091.9	1769.5	1527.7
-2.5°	341573.5	298943.7	159664.0	39574.4	11137.4	5583.4	3670.9	2678.1	2146.9	1802.5	1538.7
-5°	202960.6	178026.1	111377.6	28217.2	9895.4	5184.0	3517.1	2623.1	2110.2	1784.2	1531.4
-7.5°	53474.1	46293.4	30452.0	14724.1	6404.0	4385.3	3231.3	2531.6	2062.6	1751.2	1502.1
-10°	12892.3	12218.2	10913.9	6689.8	4986.2	3663.6	2864.9	2366.7	1967.4	1707.2	1454.5
-12.5°	6217.2	6070.6	5510.1	4542.9	3700.3	3044.5	2593.8	2194.5	1879.4	1630.3	1388.5
-15°	4044.6	3960.4	3769.9	3399.8	2971.2	2656.1	2341.1	2018.7	1769.5	1516.7	1333.6
-17.5°	2993.2	2989.5	2894.3	2755.0	2542.5	2308.1	2077.3	1872.1	1630.3	1414.2	1274.9
-20°	2480.3	2480.3	2425.3	2333.7	2183.5	2029.6	1875.8	1685.3	1487.4	1326.2	1267.6

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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°	2106.6	2110.2	2080.9	2022.3	1941.7	1813.5	1663.3	1509.4	1366.5	1307.9	1289.6
-25°	1864.8	1857.5	1824.5	1769.5	1685.3	1582.7	1483.8	1381.2	1340.9	1326.2	1351.9
-27.5°	1579.0	1590.0	1575.4	1549.7	1494.8	1421.5	1399.5	1370.2	1377.5	1399.5	1498.4
-30°	1410.5	1421.5	1436.1	1447.1	1428.8	1410.5	1417.8	1439.8	1487.4	1571.7	1608.3
-32.5°	1410.5	1414.2	1436.1	1458.1	1469.1	1483.8	1524.1	1597.3	1666.9	1645.0	1637.6
-35°	1538.7	1527.7	1557.0	1586.3	1626.6	1677.9	1721.9	1707.2	1681.6	1674.3	1681.6
-37.5°	1905.1	1835.5	1806.2	1787.8	1776.9	1769.5	1758.5	1747.5	1736.6	1729.2	1740.2
-40°	1901.4	1883.1	1864.8	1850.1	1839.1	1824.5	1817.2	1813.5	1802.5	1795.2	1787.8
-42.5°	1894.1	1901.4	1901.4	1897.8	1901.4	1897.8	1886.8	1872.1	1853.8	1839.1	1824.5
-45°	1949.0	1952.7	1960.0	1967.4	1978.4	1963.7	1941.7	1916.1	1890.4	1868.4	1850.1
-47.5°	1982.0	1985.7	1993.0	2004.0	2011.3	1996.7	1967.4	1934.4	1894.1	1857.5	1820.8
-50°	1993.0	2004.0	2007.7	2007.7	2004.0	1985.7	1941.7	1894.1	1850.1	1813.5	1780.5
-52.5°	1941.7	1952.7	1956.4	1949.0	1945.4	1927.1	1886.8	1842.8	1795.2	1769.5	1740.2
-55°	1857.5	1872.1	1883.1	1883.1	1883.1	1879.4	1842.8	1802.5	1765.9	1736.6	1707.2
-57.5°	1824.5	1850.1	1872.1	1875.8	1879.4	1883.1	1857.5	1817.2	1773.2	1729.2	1692.6
-60°	1945.4	1967.4	1978.4	1963.7	1952.7	1941.7	1901.4	1853.8	1809.8	1765.9	1696.3
-62.5°	1912.4	1949.0	1967.4	1956.4	1941.7	1923.4	1879.4	1824.5	1773.2	1725.6	1656.0
-65°	1806.2	1839.1	1861.1	1842.8	1820.8	1795.2	1754.9	1703.6	1656.0	1608.3	1546.0
-67.5°	1626.6	1674.3	1710.9	1670.6	1641.3	1608.3	1575.4	1531.4	1483.8	1428.8	1370.2
-70°	1344.5	1381.2	1414.2	1403.2	1395.8	1388.5	1366.5	1322.6	1282.3	1238.3	1187.0
-72.5°	1080.8	1113.7	1143.0	1124.7	1110.1	1088.1	1055.1	1007.5	959.9	912.2	864.6
-75°	597.2	608.2	619.2	615.5	615.5	615.5	615.5	619.2	611.8	600.8	578.9
-77.5°	458.0	472.6	483.6	490.9	501.9	516.6	527.6	509.2	490.9	472.6	450.6
-80°	359.0	373.7	384.7	425.0	454.3	487.3	509.2	483.6	458.0	436.0	417.7
-82.5°	271.1	282.1	293.1	315.1	329.7	348.0	362.7	362.7	359.0	355.4	344.4
-85°	197.8	212.5	227.1	234.5	245.5	245.5	249.1	234.5	219.8	208.8	194.2
-87.5°	113.6	117.2	117.2	117.2	120.9	120.9	120.9	113.6	109.9	102.6	98.9
-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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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°	3.7	3.7	3.7	7.3	7.3	11.0	11.0	14.7	14.7	18.3	18.3
85°	22.0	22.0	22.0	25.6	25.6	29.3	33.0	36.6	40.3	40.3	44.0
82.5°	36.6	40.3	44.0	47.6	51.3	55.0	58.6	62.3	73.3	80.6	84.3
80°	36.6	40.3	51.3	58.6	65.9	73.3	73.3	73.3	73.3	76.9	84.3
77.5°	25.6	29.3	33.0	40.3	58.6	73.3	84.3	91.6	84.3	80.6	73.3
75°	14.7	18.3	22.0	25.6	36.6	51.3	69.6	87.9	102.6	98.9	91.6
72.5°	14.7	14.7	18.3	22.0	25.6	29.3	33.0	51.3	73.3	91.6	102.6
70°	14.7	18.3	18.3	22.0	25.6	29.3	33.0	40.3	51.3	73.3	95.3
67.5°	14.7	18.3	18.3	25.6	33.0	36.6	40.3	36.6	33.0	47.6	69.6
65°	14.7	14.7	18.3	22.0	25.6	29.3	40.3	40.3	36.6	36.6	36.6
62.5°	22.0	22.0	22.0	22.0	25.6	25.6	25.6	33.0	33.0	33.0	33.0
60°	44.0	40.3	40.3	40.3	40.3	33.0	33.0	33.0	29.3	33.0	29.3
57.5°	106.2	87.9	80.6	80.6	69.6	65.9	55.0	40.3	40.3	33.0	33.0
55°	216.2	205.2	172.2	142.9	128.2	113.6	87.9	73.3	55.0	44.0	40.3
52.5°	333.4	304.1	274.8	238.1	201.5	172.2	146.5	113.6	91.6	65.9	51.3
50°	436.0	410.3	377.4	337.1	289.4	252.8	216.2	172.2	135.6	102.6	73.3
47.5°	593.5	542.2	501.9	454.3	399.3	348.0	300.4	249.1	190.5	150.2	113.6
45°	762.0	688.8	633.8	589.8	516.6	447.0	392.0	337.1	267.4	197.8	153.9
42.5°	879.3	824.3	751.0	692.4	626.5	553.2	479.9	421.3	348.0	267.4	197.8
40°	941.5	904.9	846.3	795.0	725.4	644.8	567.9	509.2	432.3	344.4	249.1
37.5°	989.2	970.9	941.5	901.2	835.3	740.1	663.1	593.5	527.6	425.0	322.4
35°	1044.1	1040.5	1022.1	1003.8	948.9	857.3	765.7	685.1	604.5	509.2	395.7
32.5°	1095.4	1091.8	1080.8	1073.4	1051.5	970.9	871.9	780.4	688.8	589.8	465.3
30°	1121.1	1113.7	1113.7	1121.1	1099.1	1047.8	974.5	875.6	773.0	655.8	538.6
27.5°	1121.1	1113.7	1117.4	1128.4	1124.7	1099.1	1044.1	963.5	850.0	718.1	604.5
25°	1073.4	1110.1	1110.1	1124.7	1128.4	1121.1	1091.8	1040.5	923.2	784.0	655.8
22.5°	1007.5	1095.4	1128.4	1124.7	1128.4	1146.7	1150.4	1102.7	992.8	850.0	707.1
20°	1007.5	1069.8	1165.0	1139.4	1146.7	1187.0	1205.3	1165.0	1066.1	912.2	758.4
17.5°	1029.5	1069.8	1150.4	1190.7	1201.7	1234.6	1263.9	1238.3	1132.1	978.2	828.0
15°	1091.8	1084.4	1139.4	1238.3	1256.6	1282.3	1315.2	1285.9	1190.7	1051.5	893.9
12.5°	1135.7	1095.4	1139.4	1245.6	1304.2	1329.9	1340.9	1318.9	1242.0	1117.4	959.9
10°	1194.3	1124.7	1146.7	1238.3	1322.6	1340.9	1351.9	1344.5	1289.6	1172.4	1018.5
7.5°	1238.3	1139.4	1139.4	1227.3	1340.9	1355.5	1362.9	1370.2	1329.9	1220.0	1069.8
5°	1256.6	1139.4	1132.1	1216.3	1359.2	1373.9	1373.9	1384.8	1359.2	1256.6	1106.4
2.5°	1260.3	1135.7	1124.7	1209.0	1392.2	1392.2	1384.8	1395.8	1381.2	1278.6	1132.1
0°	1278.6	1132.1	1121.1	1220.0	1428.8	1414.2	1395.8	1399.5	1392.2	1289.6	1146.7
-2.5°	1278.6	1150.4	1135.7	1227.3	1425.1	1421.5	1414.2	1417.8	1410.5	1322.6	1176.0
-5°	1296.9	1176.0	1161.4	1260.3	1421.5	1432.5	1436.1	1436.1	1425.1	1344.5	1194.3
-7.5°	1300.6	1194.3	1190.7	1293.3	1428.8	1447.1	1458.1	1465.4	1443.5	1359.2	1209.0
-10°	1282.3	1201.7	1220.0	1333.6	1436.1	1461.8	1483.8	1494.8	1458.1	1366.5	1216.3
-12.5°	1242.0	1201.7	1249.3	1384.8	1454.5	1483.8	1516.7	1520.4	1472.8	1370.2	1220.0
-15°	1238.3	1231.0	1300.6	1436.1	1465.4	1502.1	1553.4	1542.4	1483.8	1370.2	1220.0
-17.5°	1234.6	1271.3	1377.5	1454.5	1483.8	1524.1	1564.4	1553.4	1491.1	1370.2	1212.7
-20°	1267.6	1337.2	1469.1	1472.8	1505.7	1549.7	1571.7	1549.7	1480.1	1359.2	1201.7

REPORT NUMBER: P723630

CATALOG NUMBER: IFLD-L-SA8B-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°	1322.6	1454.5	1498.4	1513.1	1542.4	1575.4	1586.3	1553.4	1469.1	1340.9	1183.3
-25°	1461.8	1527.7	1527.7	1560.7	1590.0	1604.7	1593.7	1557.0	1454.5	1322.6	1165.0
-27.5°	1568.0	1564.4	1582.7	1615.7	1641.3	1641.3	1612.0	1538.7	1432.5	1304.2	1139.4
-30°	1608.3	1612.0	1637.6	1674.3	1681.6	1663.3	1619.3	1524.1	1414.2	1274.9	1106.4
-32.5°	1648.6	1663.3	1696.3	1714.6	1718.2	1681.6	1601.0	1498.4	1384.8	1242.0	1069.8
-35°	1696.3	1725.6	1743.9	1747.5	1729.2	1666.9	1575.4	1465.4	1340.9	1194.3	1036.8
-37.5°	1758.5	1773.2	1784.2	1769.5	1718.2	1645.0	1531.4	1421.5	1300.6	1143.0	989.2
-40°	1798.8	1806.2	1809.8	1762.2	1699.9	1593.7	1483.8	1370.2	1231.0	1084.4	937.9
-42.5°	1824.5	1817.2	1787.8	1736.6	1645.0	1542.4	1436.1	1307.9	1168.7	1025.8	882.9
-45°	1817.2	1791.5	1747.5	1685.3	1590.0	1487.4	1362.9	1234.6	1102.7	963.5	820.6
-47.5°	1787.8	1747.5	1692.6	1619.3	1531.4	1406.8	1282.3	1157.7	1029.5	893.9	762.0
-50°	1751.2	1703.6	1637.6	1546.0	1428.8	1315.2	1201.7	1080.8	948.9	824.3	707.1
-52.5°	1710.9	1659.6	1575.4	1472.8	1344.5	1227.3	1117.4	1000.2	879.3	762.0	659.5
-55°	1666.9	1615.7	1520.4	1403.2	1274.9	1146.7	1040.5	941.5	824.3	710.7	619.2
-57.5°	1645.0	1579.0	1480.1	1362.9	1227.3	1095.4	1003.8	897.6	791.3	674.1	586.2
-60°	1626.6	1560.7	1469.1	1333.6	1205.3	1080.8	974.5	871.9	758.4	648.5	560.5
-62.5°	1575.4	1505.7	1421.5	1289.6	1165.0	1051.5	956.2	835.3	725.4	622.8	542.2
-65°	1472.8	1399.5	1326.2	1209.0	1095.4	989.2	893.9	784.0	681.4	593.5	523.9
-67.5°	1311.6	1249.3	1183.3	1084.4	989.2	893.9	806.0	710.7	626.5	564.2	527.6
-70°	1132.1	1066.1	1000.2	919.6	839.0	762.0	692.4	622.8	567.9	534.9	505.6
-72.5°	824.3	795.0	762.0	699.8	633.8	586.2	553.2	523.9	483.6	454.3	436.0
-75°	549.5	509.2	458.0	436.0	439.6	432.3	414.0	392.0	373.7	362.7	337.1
-77.5°	428.6	406.7	381.0	355.4	344.4	333.4	318.7	300.4	285.8	260.1	223.5
-80°	395.7	377.4	359.0	340.7	322.4	296.8	267.4	238.1	223.5	212.5	208.8
-82.5°	326.1	304.1	282.1	263.8	238.1	219.8	201.5	186.8	186.8	183.2	179.5
-85°	186.8	179.5	168.5	161.2	153.9	142.9	131.9	124.6	120.9	117.2	113.6
-87.5°	95.3	91.6	84.3	80.6	76.9	73.3	65.9	62.3	58.6	58.6	55.0
-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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CATALOG NUMBER: IFLD-L-SA8B-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°	18.3	18.3	14.7	14.7	14.7	11.0	7.3	7.3	3.7	3.7	0.0
85°	44.0	36.6	33.0	29.3	29.3	22.0	14.7	11.0	7.3	3.7	3.7
82.5°	84.3	73.3	62.3	55.0	44.0	33.0	25.6	18.3	11.0	7.3	3.7
80°	95.3	95.3	91.6	76.9	62.3	47.6	33.0	22.0	14.7	11.0	7.3
77.5°	73.3	80.6	80.6	80.6	76.9	58.6	40.3	25.6	14.7	11.0	7.3
75°	84.3	73.3	69.6	73.3	69.6	58.6	47.6	29.3	18.3	14.7	7.3
72.5°	102.6	87.9	76.9	73.3	65.9	55.0	44.0	33.0	18.3	14.7	11.0
70°	95.3	91.6	84.3	76.9	65.9	55.0	44.0	33.0	22.0	14.7	11.0
67.5°	84.3	84.3	84.3	76.9	65.9	51.3	40.3	29.3	22.0	14.7	11.0
65°	58.6	69.6	76.9	73.3	65.9	51.3	40.3	29.3	22.0	18.3	11.0
62.5°	36.6	47.6	62.3	69.6	62.3	51.3	36.6	29.3	22.0	18.3	11.0
60°	33.0	36.6	44.0	55.0	58.6	47.6	36.6	25.6	22.0	18.3	11.0
57.5°	33.0	33.0	36.6	44.0	47.6	44.0	33.0	22.0	22.0	18.3	14.7
55°	36.6	33.0	33.0	36.6	40.3	40.3	33.0	22.0	22.0	18.3	14.7
52.5°	44.0	36.6	33.0	33.0	33.0	36.6	29.3	22.0	22.0	18.3	14.7
50°	55.0	44.0	40.3	33.0	33.0	33.0	29.3	22.0	18.3	18.3	14.7
47.5°	73.3	58.6	44.0	40.3	33.0	29.3	25.6	22.0	18.3	18.3	14.7
45°	109.9	69.6	58.6	44.0	36.6	33.0	29.3	22.0	18.3	18.3	14.7
42.5°	150.2	102.6	73.3	51.3	40.3	33.0	29.3	25.6	18.3	18.3	14.7
40°	190.5	139.2	91.6	65.9	47.6	36.6	29.3	25.6	22.0	18.3	14.7
37.5°	234.5	172.2	120.9	84.3	55.0	40.3	33.0	25.6	22.0	18.3	14.7
35°	289.4	216.2	150.2	102.6	65.9	47.6	36.6	25.6	22.0	18.3	14.7
32.5°	351.7	256.5	179.5	124.6	84.3	58.6	40.3	29.3	22.0	18.3	14.7
30°	410.3	304.1	212.5	150.2	102.6	65.9	44.0	29.3	22.0	18.3	11.0
27.5°	468.9	351.7	252.8	175.9	124.6	76.9	47.6	33.0	22.0	18.3	14.7
25°	527.6	399.3	293.1	201.5	142.9	91.6	58.6	36.6	22.0	18.3	14.7
22.5°	578.9	447.0	329.7	230.8	164.9	106.2	65.9	40.3	25.6	18.3	14.7
20°	637.5	498.3	370.0	263.8	183.2	120.9	73.3	44.0	25.6	18.3	14.7
17.5°	692.4	549.5	410.3	293.1	205.2	135.6	84.3	47.6	29.3	18.3	14.7
15°	747.4	597.2	447.0	322.4	227.1	150.2	91.6	51.3	33.0	18.3	14.7
12.5°	798.7	641.1	479.9	348.0	245.5	164.9	98.9	55.0	36.6	18.3	14.7
10°	846.3	681.4	512.9	370.0	263.8	175.9	106.2	62.3	40.3	18.3	14.7
7.5°	893.9	714.4	538.6	392.0	285.8	190.5	113.6	65.9	44.0	22.0	14.7
5°	923.2	743.7	560.5	410.3	304.1	205.2	120.9	69.6	47.6	22.0	14.7
2.5°	948.9	765.7	575.2	428.6	322.4	216.2	120.9	73.3	51.3	22.0	14.7
0°	963.5	780.4	586.2	439.6	337.1	223.5	124.6	76.9	55.0	22.0	14.7
-2.5°	996.5	806.0	611.8	454.3	351.7	245.5	131.9	80.6	58.6	25.6	14.7
-5°	1018.5	820.6	630.1	468.9	362.7	267.4	142.9	87.9	65.9	33.0	18.3
-7.5°	1036.8	835.3	644.8	476.3	373.7	274.8	146.5	91.6	69.6	36.6	18.3
-10°	1040.5	842.6	655.8	487.3	381.0	285.8	150.2	95.3	73.3	40.3	18.3
-12.5°	1044.1	850.0	659.5	494.6	388.3	293.1	153.9	98.9	76.9	44.0	18.3
-15°	1040.5	846.3	659.5	501.9	392.0	285.8	161.2	102.6	80.6	47.6	18.3
-17.5°	1033.1	842.6	655.8	498.3	388.3	278.4	164.9	109.9	80.6	51.3	22.0
-20°	1022.1	831.6	648.5	494.6	384.7	271.1	168.5	113.6	84.3	51.3	22.0

REPORT NUMBER: P723630

CATALOG NUMBER: IFLD-L-SA8B-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°	1003.8	813.3	633.8	483.6	377.4	263.8	168.5	120.9	87.9	51.3	22.0
-25°	981.8	795.0	619.2	468.9	366.4	252.8	168.5	124.6	91.6	51.3	22.0
-27.5°	956.2	776.7	597.2	458.0	351.7	245.5	168.5	128.2	95.3	51.3	22.0
-30°	926.9	751.0	578.9	439.6	340.7	245.5	172.2	131.9	98.9	51.3	22.0
-32.5°	897.6	725.4	556.9	425.0	326.1	241.8	172.2	135.6	102.6	47.6	25.6
-35°	864.6	696.1	538.6	414.0	315.1	234.5	175.9	135.6	98.9	47.6	25.6
-37.5°	824.3	659.5	520.2	403.0	307.7	227.1	175.9	139.2	95.3	47.6	25.6
-40°	780.4	630.1	498.3	388.3	296.8	223.5	175.9	139.2	91.6	47.6	29.3
-42.5°	732.7	597.2	476.3	373.7	285.8	219.8	175.9	139.2	87.9	47.6	29.3
-45°	688.8	564.2	450.6	355.4	274.8	219.8	175.9	135.6	80.6	51.3	29.3
-47.5°	641.1	527.6	421.3	337.1	271.1	216.2	172.2	128.2	73.3	51.3	29.3
-50°	600.8	490.9	399.3	318.7	263.8	219.8	175.9	117.2	73.3	51.3	29.3
-52.5°	560.5	465.3	373.7	311.4	256.5	223.5	172.2	109.9	73.3	51.3	29.3
-55°	527.6	439.6	359.0	300.4	263.8	230.8	164.9	98.9	73.3	51.3	29.3
-57.5°	501.9	425.0	348.0	304.1	274.8	223.5	153.9	95.3	73.3	47.6	29.3
-60°	483.6	410.3	351.7	318.7	278.4	212.5	146.5	95.3	73.3	47.6	25.6
-62.5°	468.9	414.0	370.0	329.7	263.8	197.8	139.2	95.3	65.9	44.0	25.6
-65°	472.6	428.6	377.4	315.1	252.8	183.2	128.2	91.6	62.3	40.3	25.6
-67.5°	483.6	417.7	355.4	296.8	227.1	164.9	117.2	84.3	58.6	40.3	25.6
-70°	447.0	384.7	322.4	252.8	194.2	142.9	109.9	76.9	51.3	36.6	25.6
-72.5°	403.0	322.4	256.5	205.2	164.9	131.9	98.9	69.6	47.6	33.0	22.0
-75°	293.1	234.5	190.5	172.2	146.5	117.2	87.9	62.3	44.0	33.0	22.0
-77.5°	208.8	194.2	175.9	157.5	131.9	102.6	76.9	58.6	40.3	29.3	18.3
-80°	205.2	186.8	164.9	135.6	109.9	87.9	65.9	51.3	36.6	25.6	14.7
-82.5°	172.2	146.5	124.6	102.6	84.3	69.6	55.0	40.3	29.3	18.3	11.0
-85°	106.2	91.6	80.6	69.6	58.6	47.6	36.6	25.6	18.3	11.0	7.3
-87.5°	51.3	47.6	40.3	33.0	29.3	22.0	18.3	14.7	11.0	7.3	3.7
-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: P723630

CATALOG NUMBER: IFLD-L-SA8B-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°	3.7	0.0	0.0	0.0
80°	3.7	0.0	0.0	0.0
77.5°	3.7	0.0	0.0	0.0
75°	3.7	3.7	0.0	0.0
72.5°	3.7	3.7	0.0	0.0
70°	7.3	3.7	3.7	0.0
67.5°	7.3	3.7	3.7	0.0
65°	7.3	3.7	3.7	0.0
62.5°	7.3	3.7	3.7	0.0
60°	7.3	3.7	3.7	0.0
57.5°	7.3	3.7	3.7	0.0
55°	7.3	3.7	3.7	0.0
52.5°	7.3	3.7	3.7	0.0
50°	7.3	3.7	3.7	0.0
47.5°	7.3	7.3	3.7	0.0
45°	7.3	7.3	3.7	0.0
42.5°	7.3	7.3	3.7	0.0
40°	7.3	7.3	3.7	0.0
37.5°	7.3	7.3	3.7	0.0
35°	7.3	7.3	3.7	0.0
32.5°	11.0	7.3	3.7	0.0
30°	11.0	7.3	7.3	0.0
27.5°	11.0	7.3	7.3	0.0
25°	11.0	7.3	7.3	0.0
22.5°	11.0	7.3	7.3	0.0
20°	11.0	7.3	7.3	0.0
17.5°	11.0	7.3	7.3	0.0
15°	11.0	7.3	7.3	0.0
12.5°	11.0	7.3	7.3	0.0
10°	11.0	7.3	7.3	0.0
7.5°	11.0	7.3	7.3	0.0
5°	11.0	7.3	7.3	0.0
2.5°	11.0	7.3	7.3	0.0
0°	11.0	7.3	7.3	0.0
-2.5°	11.0	7.3	7.3	0.0
-5°	11.0	7.3	7.3	0.0
-7.5°	11.0	7.3	7.3	0.0
-10°	11.0	7.3	7.3	0.0
-12.5°	14.7	7.3	7.3	0.0
-15°	14.7	7.3	7.3	0.0
-17.5°	14.7	7.3	7.3	0.0
-20°	14.7	7.3	7.3	0.0

REPORT NUMBER: P723630

CATALOG NUMBER: IFLD-L-SA8B-722-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	14.7	7.3	7.3	0.0
-25°	14.7	7.3	7.3	0.0
-27.5°	14.7	7.3	7.3	0.0
-30°	14.7	7.3	7.3	0.0
-32.5°	14.7	7.3	7.3	0.0
-35°	14.7	7.3	7.3	0.0
-37.5°	14.7	7.3	7.3	0.0
-40°	14.7	7.3	7.3	0.0
-42.5°	11.0	7.3	3.7	0.0
-45°	14.7	7.3	3.7	0.0
-47.5°	14.7	7.3	3.7	0.0
-50°	14.7	7.3	3.7	0.0
-52.5°	14.7	7.3	3.7	0.0
-55°	14.7	7.3	3.7	0.0
-57.5°	14.7	7.3	3.7	0.0
-60°	14.7	7.3	3.7	0.0
-62.5°	14.7	7.3	3.7	0.0
-65°	14.7	7.3	3.7	0.0
-67.5°	14.7	7.3	3.7	0.0
-70°	14.7	3.7	3.7	0.0
-72.5°	11.0	3.7	3.7	0.0
-75°	11.0	3.7	3.7	0.0
-77.5°	7.3	3.7	0.0	0.0
-80°	7.3	3.7	0.0	0.0
-82.5°	7.3	3.7	0.0	0.0
-85°	3.7	0.0	0.0	0.0
-87.5°	3.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)