

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: P723617

Luminaire Tested: **IFLD-S-SA6D-722-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723617
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6D-722-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (96) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	17829.1 lumens	Max Intensity:	419456.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	48.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	6465.6 lumens	Field Lumens:	10307.4 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

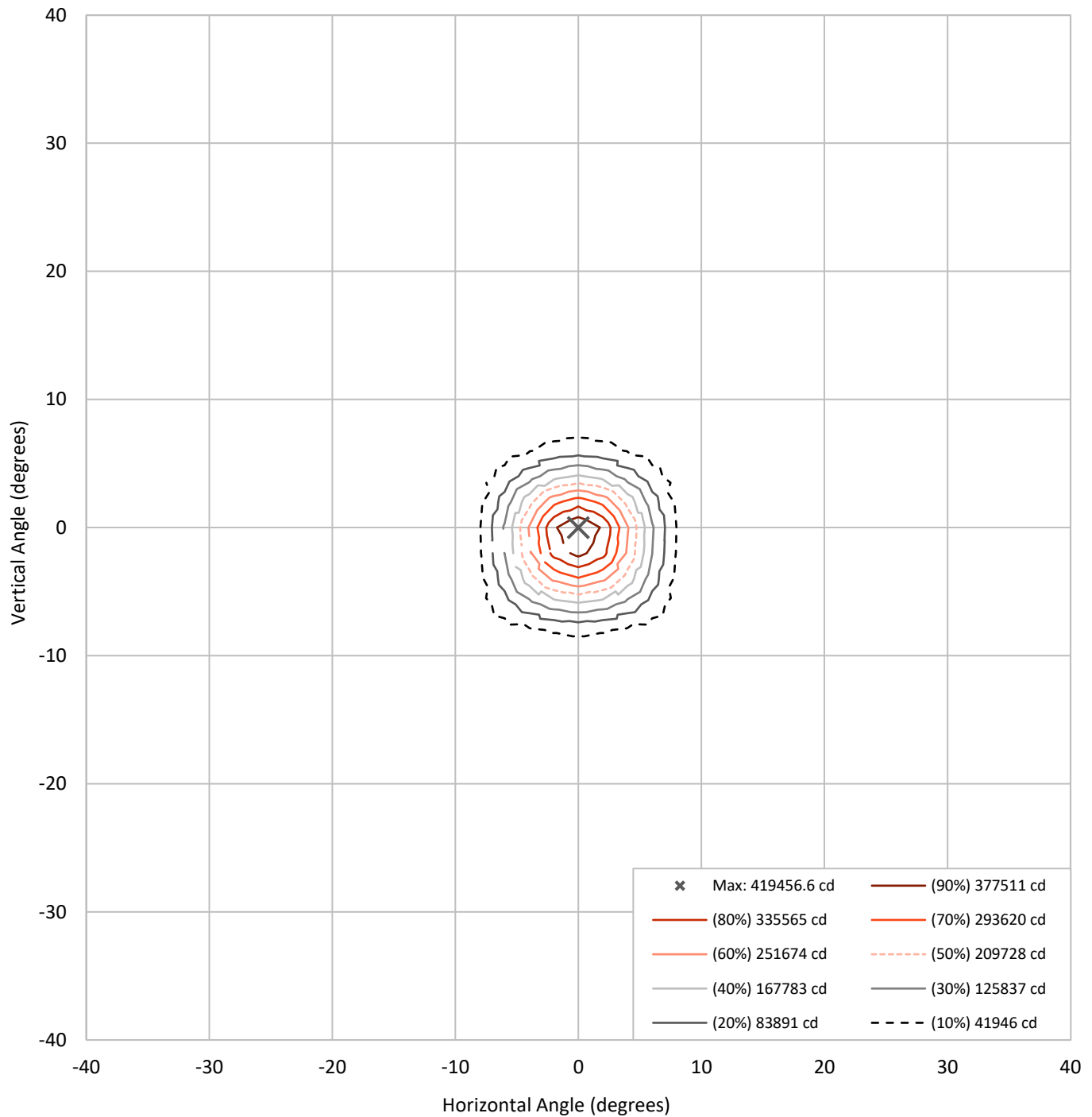
Input Watts (W): 368.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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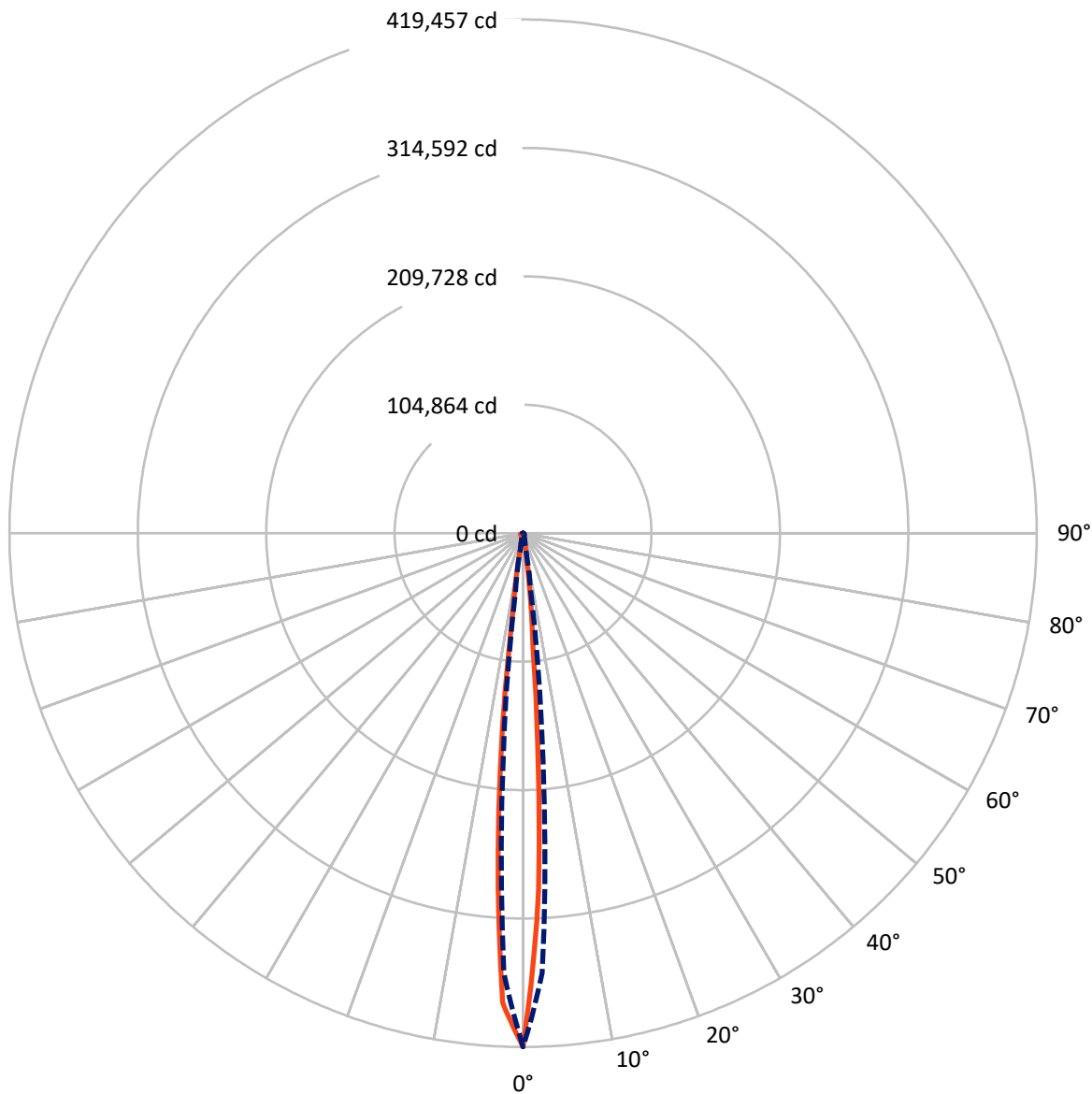
Lumen Table

90																		
80	0.3	4.0		4.3		1.7		0.5		1.7		4.3		4.0		0.3		
70																		
60	0.5	0.9	1.1	0.9	0.7	0.6	0.5	0.3	0.3	0.5	0.6	0.7	0.9	1.1	0.9	0.5		
50		0.6	0.8	2.1	4.6	7.5	9.6	11.1	11.1	9.6	7.5	4.6	2.1	0.8	0.6			
40	0.5	0.6	2.4	8.1	16.0	23.4	28.1	31.2	31.2	28.1	23.4	16.0	8.1	2.4	0.6	0.5		
30		1.2	6.2	16.7	27.1	31.8	34.4	35.6	35.6	34.4	31.8	27.1	16.7	6.2	1.2			
20	0.7	2.3	10.6	24.3	31.4	32.4	38.2	46.0	46.0	38.2	32.4	31.4	24.3	10.6	2.3	0.7		
10		3.6	14.8	29.8	33.5	37.8	66.4	113.2	113.2	66.4	37.8	33.5	29.8	14.8	3.6			
0	1.2	4.7	18.2	32.8	34.7	46.6	126.3	2340.5	2340.5	126.3	46.6	34.7	32.8	18.2	4.7	1.2		
-10		5.5	19.9	34.4	36.0	48.2	136.1	3412.7	3412.7	136.1	48.2	36.0	34.4	19.9	5.5			
-20	1.7	5.9	20.4	36.2	39.0	43.5	79.1	151.8	151.8	79.1	43.5	39.0	36.2	20.4	5.9	1.7		
-30		5.5	19.4	36.7	43.7	43.8	51.2	62.5	62.5	51.2	43.8	43.7	36.7	19.4	5.5			
-40	1.9	4.9	17.1	35.1	48.1	52.5	54.6	55.0	55.0	54.6	52.5	48.1	35.1	17.1	4.9	1.9		
-50		4.3	13.8	29.8	46.4	56.4	63.3	66.3	66.3	63.3	56.4	46.4	29.8	13.8	4.3			
-60	1.5	3.9	10.7	23.1	39.6	53.2	61.8	65.3	65.3	61.8	53.2	39.6	23.1	10.7	3.9	1.5		
-70		3.6	9.4	18.8	33.0	46.5	56.2	60.8	60.8	56.2	46.5	33.0	18.8	9.4	3.6			
-80	0.7	11.0		32.8		60.8		67.2		60.8		32.8		11.0		0.7		
-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



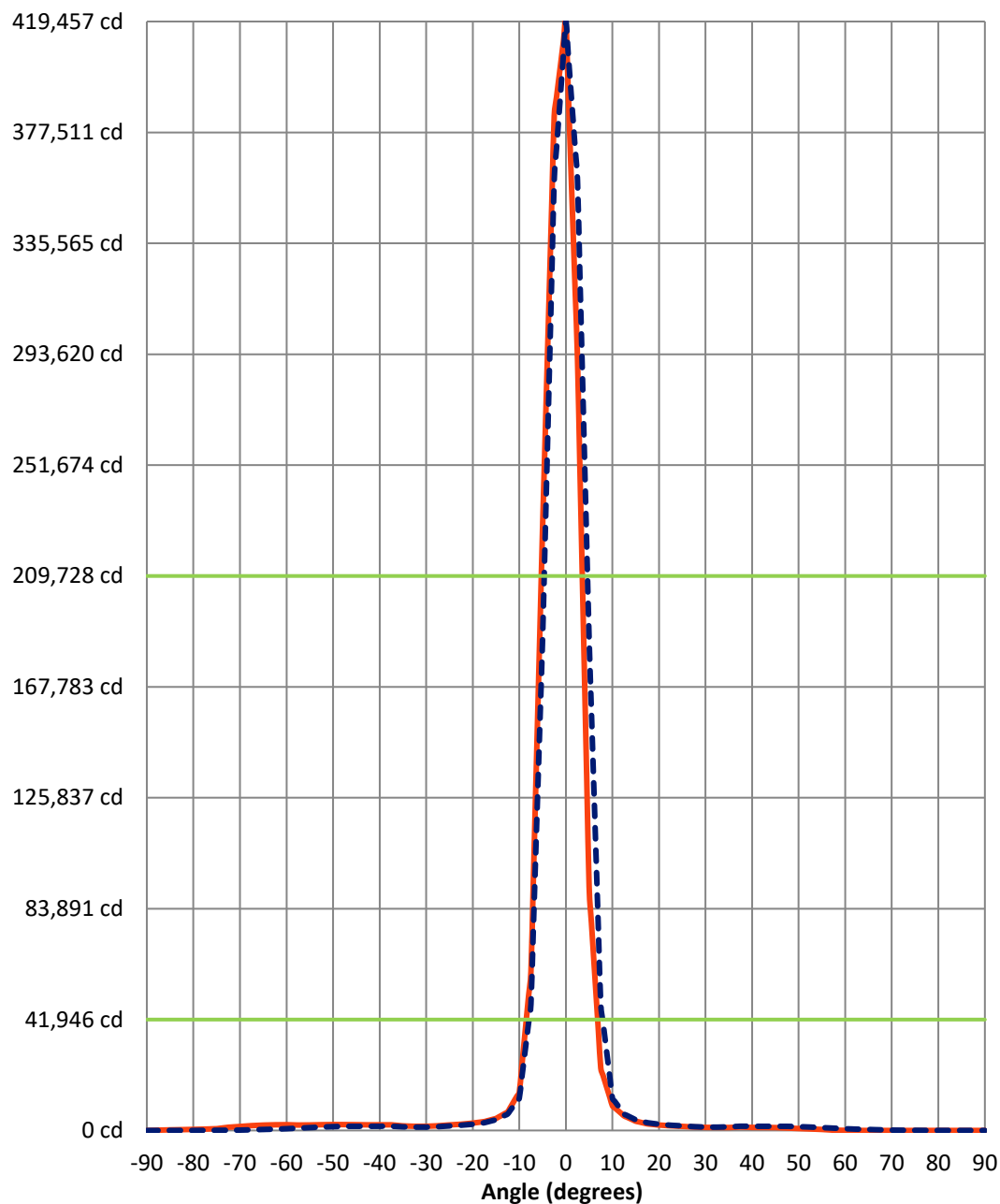
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 6465.6

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 10307.4

Efficiency: 57.8%

Spill:

Lumens: 7521.7

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	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
85°	0.0	4.1	4.1	8.2	8.2	8.2	12.3	16.5	20.6	20.6	24.7
82.5°	0.0	4.1	4.1	8.2	8.2	12.3	12.3	20.6	24.7	28.8	37.0
80°	4.1	4.1	4.1	8.2	8.2	12.3	12.3	16.5	20.6	28.8	32.9
77.5°	0.0	4.1	4.1	4.1	8.2	8.2	8.2	12.3	16.5	20.6	24.7
75°	0.0	4.1	4.1	4.1	8.2	8.2	8.2	8.2	12.3	12.3	16.5
72.5°	0.0	0.0	0.0	4.1	4.1	8.2	8.2	8.2	12.3	12.3	12.3
70°	0.0	0.0	0.0	4.1	4.1	8.2	8.2	8.2	12.3	12.3	12.3
67.5°	0.0	0.0	0.0	4.1	4.1	8.2	8.2	8.2	12.3	12.3	12.3
65°	0.0	0.0	0.0	4.1	4.1	8.2	8.2	12.3	12.3	12.3	12.3
62.5°	4.1	4.1	4.1	8.2	12.3	12.3	16.5	20.6	20.6	20.6	20.6
60°	41.2	45.3	49.4	49.4	45.3	45.3	49.4	49.4	49.4	49.4	49.4
57.5°	111.1	119.4	123.5	123.5	123.5	119.4	135.8	139.9	123.5	115.2	127.6
55°	386.9	399.2	391.0	378.7	354.0	325.1	316.9	312.8	316.9	296.3	263.4
52.5°	563.9	576.2	572.1	563.9	547.4	526.8	510.4	493.9	477.4	444.5	407.5
50°	732.6	736.7	732.6	724.4	707.9	687.3	654.4	617.4	584.4	576.2	543.3
47.5°	921.9	934.3	934.3	930.2	917.8	880.8	831.4	777.9	753.2	745.0	712.0
45°	1090.7	1098.9	1103.0	1107.1	1103.0	1066.0	1020.7	991.9	938.4	921.9	921.9
42.5°	1136.0	1140.1	1144.2	1148.3	1160.7	1131.8	1094.8	1045.4	1033.1	1028.9	1020.7
40°	1152.4	1144.2	1148.3	1152.4	1156.5	1136.0	1107.1	1078.3	1070.1	1061.9	1061.9
37.5°	1308.8	1271.8	1243.0	1218.3	1197.7	1177.1	1148.3	1123.6	1103.0	1086.6	1103.0
35°	1115.4	1115.4	1144.2	1168.9	1193.6	1218.3	1222.4	1193.6	1148.3	1127.7	1156.5
32.5°	1140.1	1140.1	1140.1	1148.3	1156.5	1177.1	1197.7	1210.0	1243.0	1205.9	1205.9
30°	1164.8	1168.9	1177.1	1181.2	1168.9	1160.7	1152.4	1152.4	1173.0	1226.5	1255.3
27.5°	1308.8	1308.8	1296.5	1280.0	1243.0	1185.3	1156.5	1115.4	1119.5	1144.2	1214.2
25°	1543.4	1535.2	1506.4	1465.2	1399.4	1317.1	1238.9	1152.4	1115.4	1103.0	1131.8
22.5°	1765.7	1753.3	1716.3	1679.2	1625.7	1543.4	1411.7	1280.0	1164.8	1115.4	1103.0
20°	2049.7	2020.9	1979.7	1922.1	1835.6	1753.3	1638.1	1465.2	1296.5	1168.9	1119.5
17.5°	2506.5	2469.5	2391.3	2288.4	2140.2	2012.6	1848.0	1683.4	1494.0	1288.2	1177.1
15°	3506.7	3412.0	3276.2	2992.2	2700.0	2457.1	2210.2	1934.4	1741.0	1469.3	1300.6
12.5°	5515.2	5255.9	4860.7	4198.1	3543.7	2979.8	2580.6	2226.6	1913.8	1662.8	1424.1
10°	9334.6	8779.0	7688.3	5877.3	4671.4	3634.2	2918.1	2444.8	2049.7	1790.4	1527.0
7.5°	23608.2	19257.8	13627.4	9305.8	6111.9	4440.9	3337.9	2650.6	2193.7	1872.7	1609.3
5°	92012.6	75796.4	40433.5	16874.7	9194.7	5371.1	3716.6	2815.2	2288.4	1934.4	1671.0
2.5°	292019.4	252178.6	132306.2	36326.0	11289.6	6050.2	3975.9	2918.1	2341.9	1979.7	1716.3
0°	419456.6	359489.6	185683.9	47776.1	12244.5	6223.1	4058.2	2938.7	2350.1	1987.9	1716.3
-2.5°	383731.6	335840.2	179370.2	44458.8	12512.0	6272.5	4124.0	3008.6	2411.9	2025.0	1728.6
-5°	228010.7	199998.6	125124.1	31699.8	11116.7	5823.8	3951.2	2946.9	2370.7	2004.4	1720.4
-7.5°	60074.1	52007.1	34210.4	16541.4	7194.4	4926.6	3630.1	2844.0	2317.2	1967.3	1687.5
-10°	14483.5	13726.2	12260.9	7515.4	5601.6	4115.8	3218.5	2658.8	2210.2	1918.0	1634.0
-12.5°	6984.5	6819.9	6190.1	5103.6	4156.9	3420.2	2914.0	2465.4	2111.4	1831.5	1559.9
-15°	4543.8	4449.2	4235.1	3819.5	3337.9	2983.9	2630.0	2267.8	1987.9	1703.9	1498.1
-17.5°	3362.6	3358.5	3251.5	3095.1	2856.4	2592.9	2333.7	2103.2	1831.5	1588.7	1432.3
-20°	2786.4	2786.4	2724.7	2621.8	2453.0	2280.1	2107.3	1893.3	1671.0	1489.9	1424.1

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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°	2366.6	2370.7	2337.8	2271.9	2181.4	2037.3	1868.6	1695.7	1535.2	1469.3	1448.8
-25°	2094.9	2086.7	2049.7	1987.9	1893.3	1778.0	1666.9	1551.7	1506.4	1489.9	1518.7
-27.5°	1773.9	1786.3	1769.8	1741.0	1679.2	1596.9	1572.2	1539.3	1547.5	1572.2	1683.4
-30°	1584.6	1596.9	1613.4	1625.7	1605.2	1584.6	1592.8	1617.5	1671.0	1765.7	1806.8
-32.5°	1584.6	1588.7	1613.4	1638.1	1650.4	1666.9	1712.2	1794.5	1872.7	1848.0	1839.8
-35°	1728.6	1716.3	1749.2	1782.1	1827.4	1885.0	1934.4	1918.0	1889.1	1880.9	1889.1
-37.5°	2140.2	2062.0	2029.1	2008.5	1996.2	1987.9	1975.6	1963.2	1950.9	1942.7	1955.0
-40°	2136.1	2115.5	2094.9	2078.5	2066.1	2049.7	2041.4	2037.3	2025.0	2016.7	2008.5
-42.5°	2127.9	2136.1	2136.1	2132.0	2136.1	2132.0	2119.6	2103.2	2082.6	2066.1	2049.7
-45°	2189.6	2193.7	2201.9	2210.2	2222.5	2206.1	2181.4	2152.6	2123.7	2099.1	2078.5
-47.5°	2226.6	2230.8	2239.0	2251.3	2259.6	2243.1	2210.2	2173.1	2127.9	2086.7	2045.5
-50°	2239.0	2251.3	2255.5	2255.5	2251.3	2230.8	2181.4	2127.9	2078.5	2037.3	2000.3
-52.5°	2181.4	2193.7	2197.8	2189.6	2185.5	2164.9	2119.6	2070.2	2016.7	1987.9	1955.0
-55°	2086.7	2103.2	2115.5	2115.5	2115.5	2111.4	2070.2	2025.0	1983.8	1950.9	1918.0
-57.5°	2049.7	2078.5	2103.2	2107.3	2111.4	2115.5	2086.7	2041.4	1992.0	1942.7	1901.5
-60°	2185.5	2210.2	2222.5	2206.1	2193.7	2181.4	2136.1	2082.6	2033.2	1983.8	1905.6
-62.5°	2148.4	2189.6	2210.2	2197.8	2181.4	2160.8	2111.4	2049.7	1992.0	1938.5	1860.3
-65°	2029.1	2066.1	2090.8	2070.2	2045.5	2016.7	1971.5	1913.8	1860.3	1806.8	1736.9
-67.5°	1827.4	1880.9	1922.1	1876.8	1843.9	1806.8	1769.8	1720.4	1666.9	1605.2	1539.3
-70°	1510.5	1551.7	1588.7	1576.3	1568.1	1559.9	1535.2	1485.8	1440.5	1391.1	1333.5
-72.5°	1214.2	1251.2	1284.1	1263.5	1247.1	1222.4	1185.3	1131.8	1078.3	1024.8	971.3
-75°	670.9	683.2	695.6	691.5	691.5	691.5	691.5	695.6	687.3	675.0	650.3
-77.5°	514.5	530.9	543.3	551.5	563.9	580.3	592.7	572.1	551.5	530.9	506.2
-80°	403.3	419.8	432.2	477.4	510.4	547.4	572.1	543.3	514.5	489.8	469.2
-82.5°	304.6	316.9	329.3	354.0	370.4	391.0	407.5	407.5	403.3	399.2	386.9
-85°	222.3	238.7	255.2	263.4	275.8	275.8	279.9	263.4	246.9	234.6	218.1
-87.5°	127.6	131.7	131.7	131.7	135.8	135.8	135.8	127.6	123.5	115.2	111.1
-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°	4.1	4.1	4.1	8.2	8.2	12.3	12.3	16.5	16.5	20.6	20.6
85°	24.7	24.7	24.7	28.8	28.8	32.9	37.0	41.2	45.3	45.3	49.4
82.5°	41.2	45.3	49.4	53.5	57.6	61.7	65.9	70.0	82.3	90.5	94.7
80°	41.2	45.3	57.6	65.9	74.1	82.3	82.3	82.3	82.3	86.4	94.7
77.5°	28.8	32.9	37.0	45.3	65.9	82.3	94.7	102.9	94.7	90.5	82.3
75°	16.5	20.6	24.7	28.8	41.2	57.6	78.2	98.8	115.2	111.1	102.9
72.5°	16.5	16.5	20.6	24.7	28.8	32.9	37.0	57.6	82.3	102.9	115.2
70°	16.5	20.6	20.6	24.7	28.8	32.9	37.0	45.3	57.6	82.3	107.0
67.5°	16.5	20.6	20.6	28.8	37.0	41.2	45.3	41.2	37.0	53.5	78.2
65°	16.5	16.5	20.6	24.7	28.8	32.9	45.3	45.3	41.2	41.2	41.2
62.5°	24.7	24.7	24.7	24.7	28.8	28.8	28.8	37.0	37.0	37.0	37.0
60°	49.4	45.3	45.3	45.3	45.3	37.0	37.0	37.0	32.9	37.0	32.9
57.5°	119.4	98.8	90.5	90.5	78.2	74.1	61.7	45.3	45.3	37.0	37.0
55°	242.8	230.5	193.4	160.5	144.1	127.6	98.8	82.3	61.7	49.4	45.3
52.5°	374.5	341.6	308.7	267.5	226.4	193.4	164.6	127.6	102.9	74.1	57.6
50°	489.8	461.0	423.9	378.7	325.1	284.0	242.8	193.4	152.3	115.2	82.3
47.5°	666.8	609.1	563.9	510.4	448.6	391.0	337.5	279.9	214.0	168.7	127.6
45°	856.1	773.8	712.0	662.6	580.3	502.1	440.4	378.7	300.5	222.3	172.9
42.5°	987.8	926.1	843.7	777.9	703.8	621.5	539.2	473.3	391.0	300.5	222.3
40°	1057.8	1016.6	950.7	893.1	814.9	724.4	637.9	572.1	485.7	386.9	279.9
37.5°	1111.3	1090.7	1057.8	1012.5	938.4	831.4	745.0	666.8	592.7	477.4	362.2
35°	1173.0	1168.9	1148.3	1127.7	1066.0	963.1	860.2	769.7	679.1	572.1	444.5
32.5°	1230.6	1226.5	1214.2	1205.9	1181.2	1090.7	979.6	876.7	773.8	662.6	522.7
30°	1259.4	1251.2	1251.2	1259.4	1234.7	1177.1	1094.8	983.7	868.4	736.7	605.0
27.5°	1259.4	1251.2	1255.3	1267.7	1263.5	1234.7	1173.0	1082.5	954.9	806.7	679.1
25°	1205.9	1247.1	1247.1	1263.5	1267.7	1259.4	1226.5	1168.9	1037.2	880.8	736.7
22.5°	1131.8	1230.6	1267.7	1263.5	1267.7	1288.2	1292.4	1238.9	1115.4	954.9	794.3
20°	1131.8	1201.8	1308.8	1280.0	1288.2	1333.5	1354.1	1308.8	1197.7	1024.8	852.0
17.5°	1156.5	1201.8	1292.4	1337.6	1350.0	1387.0	1419.9	1391.1	1271.8	1098.9	930.2
15°	1226.5	1218.3	1280.0	1391.1	1411.7	1440.5	1477.6	1444.6	1337.6	1181.2	1004.3
12.5°	1275.9	1230.6	1280.0	1399.4	1465.2	1494.0	1506.4	1481.7	1395.3	1255.3	1078.3
10°	1341.7	1263.5	1288.2	1391.1	1485.8	1506.4	1518.7	1510.5	1448.8	1317.1	1144.2
7.5°	1391.1	1280.0	1280.0	1378.8	1506.4	1522.8	1531.1	1539.3	1494.0	1370.6	1201.8
5°	1411.7	1280.0	1271.8	1366.4	1527.0	1543.4	1543.4	1555.8	1527.0	1411.7	1243.0
2.5°	1415.8	1275.9	1263.5	1358.2	1564.0	1564.0	1555.8	1568.1	1551.7	1436.4	1271.8
0°	1436.4	1271.8	1259.4	1370.6	1605.2	1588.7	1568.1	1572.2	1564.0	1448.8	1288.2
-2.5°	1436.4	1292.4	1275.9	1378.8	1601.0	1596.9	1588.7	1592.8	1584.6	1485.8	1321.2
-5°	1457.0	1321.2	1304.7	1415.8	1596.9	1609.3	1613.4	1613.4	1601.0	1510.5	1341.7
-7.5°	1461.1	1341.7	1337.6	1452.9	1605.2	1625.7	1638.1	1646.3	1621.6	1527.0	1358.2
-10°	1440.5	1350.0	1370.6	1498.1	1613.4	1642.2	1666.9	1679.2	1638.1	1535.2	1366.4
-12.5°	1395.3	1350.0	1403.5	1555.8	1634.0	1666.9	1703.9	1708.1	1654.5	1539.3	1370.6
-15°	1391.1	1382.9	1461.1	1613.4	1646.3	1687.5	1745.1	1732.7	1666.9	1539.3	1370.6
-17.5°	1387.0	1428.2	1547.5	1634.0	1666.9	1712.2	1757.4	1745.1	1675.1	1539.3	1362.3
-20°	1424.1	1502.3	1650.4	1654.5	1691.6	1741.0	1765.7	1741.0	1662.8	1527.0	1350.0

REPORT NUMBER: P723617

CATALOG NUMBER: IFLD-S-SA6D-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°	1485.8	1634.0	1683.4	1699.8	1732.7	1769.8	1782.1	1745.1	1650.4	1506.4	1329.4
-25°	1642.2	1716.3	1716.3	1753.3	1786.3	1802.7	1790.4	1749.2	1634.0	1485.8	1308.8
-27.5°	1761.6	1757.4	1778.0	1815.1	1843.9	1843.9	1810.9	1728.6	1609.3	1465.2	1280.0
-30°	1806.8	1810.9	1839.8	1880.9	1889.1	1868.6	1819.2	1712.2	1588.7	1432.3	1243.0
-32.5°	1852.1	1868.6	1905.6	1926.2	1930.3	1889.1	1798.6	1683.4	1555.8	1395.3	1201.8
-35°	1905.6	1938.5	1959.1	1963.2	1942.7	1872.7	1769.8	1646.3	1506.4	1341.7	1164.8
-37.5°	1975.6	1992.0	2004.4	1987.9	1930.3	1848.0	1720.4	1596.9	1461.1	1284.1	1111.3
-40°	2020.9	2029.1	2033.2	1979.7	1909.7	1790.4	1666.9	1539.3	1382.9	1218.3	1053.6
-42.5°	2049.7	2041.4	2008.5	1950.9	1848.0	1732.7	1613.4	1469.3	1312.9	1152.4	991.9
-45°	2041.4	2012.6	1963.2	1893.3	1786.3	1671.0	1531.1	1387.0	1238.9	1082.5	921.9
-47.5°	2008.5	1963.2	1901.5	1819.2	1720.4	1580.5	1440.5	1300.6	1156.5	1004.3	856.1
-50°	1967.3	1913.8	1839.8	1736.9	1605.2	1477.6	1350.0	1214.2	1066.0	926.1	794.3
-52.5°	1922.1	1864.5	1769.8	1654.5	1510.5	1378.8	1255.3	1123.6	987.8	856.1	740.8
-55°	1872.7	1815.1	1708.1	1576.3	1432.3	1288.2	1168.9	1057.8	926.1	798.5	695.6
-57.5°	1848.0	1773.9	1662.8	1531.1	1378.8	1230.6	1127.7	1008.4	889.0	757.3	658.5
-60°	1827.4	1753.3	1650.4	1498.1	1354.1	1214.2	1094.8	979.6	852.0	728.5	629.7
-62.5°	1769.8	1691.6	1596.9	1448.8	1308.8	1181.2	1074.2	938.4	814.9	699.7	609.1
-65°	1654.5	1572.2	1489.9	1358.2	1230.6	1111.3	1004.3	880.8	765.5	666.8	588.6
-67.5°	1473.5	1403.5	1329.4	1218.3	1111.3	1004.3	905.5	798.5	703.8	633.8	592.7
-70°	1271.8	1197.7	1123.6	1033.1	942.5	856.1	777.9	699.7	637.9	600.9	568.0
-72.5°	926.1	893.1	856.1	786.1	712.0	658.5	621.5	588.6	543.3	510.4	489.8
-75°	617.4	572.1	514.5	489.8	493.9	485.7	465.1	440.4	419.8	407.5	378.7
-77.5°	481.5	456.9	428.0	399.2	386.9	374.5	358.1	337.5	321.0	292.2	251.1
-80°	444.5	423.9	403.3	382.8	362.2	333.4	300.5	267.5	251.1	238.7	234.6
-82.5°	366.3	341.6	316.9	296.3	267.5	246.9	226.4	209.9	209.9	205.8	201.7
-85°	209.9	201.7	189.3	181.1	172.9	160.5	148.2	139.9	135.8	131.7	127.6
-87.5°	107.0	102.9	94.7	90.5	86.4	82.3	74.1	70.0	65.9	65.9	61.7
-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-S-SA6D-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°	20.6	20.6	16.5	16.5	16.5	12.3	8.2	8.2	4.1	4.1	0.0
85°	49.4	41.2	37.0	32.9	32.9	24.7	16.5	12.3	8.2	4.1	4.1
82.5°	94.7	82.3	70.0	61.7	49.4	37.0	28.8	20.6	12.3	8.2	4.1
80°	107.0	107.0	102.9	86.4	70.0	53.5	37.0	24.7	16.5	12.3	8.2
77.5°	82.3	90.5	90.5	90.5	86.4	65.9	45.3	28.8	16.5	12.3	8.2
75°	94.7	82.3	78.2	82.3	78.2	65.9	53.5	32.9	20.6	16.5	8.2
72.5°	115.2	98.8	86.4	82.3	74.1	61.7	49.4	37.0	20.6	16.5	12.3
70°	107.0	102.9	94.7	86.4	74.1	61.7	49.4	37.0	24.7	16.5	12.3
67.5°	94.7	94.7	94.7	86.4	74.1	57.6	45.3	32.9	24.7	16.5	12.3
65°	65.9	78.2	86.4	82.3	74.1	57.6	45.3	32.9	24.7	20.6	12.3
62.5°	41.2	53.5	70.0	78.2	70.0	57.6	41.2	32.9	24.7	20.6	12.3
60°	37.0	41.2	49.4	61.7	65.9	53.5	41.2	28.8	24.7	20.6	12.3
57.5°	37.0	37.0	41.2	49.4	53.5	49.4	37.0	24.7	24.7	20.6	16.5
55°	41.2	37.0	37.0	41.2	45.3	45.3	37.0	24.7	24.7	20.6	16.5
52.5°	49.4	41.2	37.0	37.0	37.0	41.2	32.9	24.7	24.7	20.6	16.5
50°	61.7	49.4	45.3	37.0	37.0	37.0	32.9	24.7	20.6	20.6	16.5
47.5°	82.3	65.9	49.4	45.3	37.0	32.9	28.8	24.7	20.6	20.6	16.5
45°	123.5	78.2	65.9	49.4	41.2	37.0	32.9	24.7	20.6	20.6	16.5
42.5°	168.7	115.2	82.3	57.6	45.3	37.0	32.9	28.8	20.6	20.6	16.5
40°	214.0	156.4	102.9	74.1	53.5	41.2	32.9	28.8	24.7	20.6	16.5
37.5°	263.4	193.4	135.8	94.7	61.7	45.3	37.0	28.8	24.7	20.6	16.5
35°	325.1	242.8	168.7	115.2	74.1	53.5	41.2	28.8	24.7	20.6	16.5
32.5°	395.1	288.1	201.7	139.9	94.7	65.9	45.3	32.9	24.7	20.6	16.5
30°	461.0	341.6	238.7	168.7	115.2	74.1	49.4	32.9	24.7	20.6	12.3
27.5°	526.8	395.1	284.0	197.6	139.9	86.4	53.5	37.0	24.7	20.6	16.5
25°	592.7	448.6	329.3	226.4	160.5	102.9	65.9	41.2	24.7	20.6	16.5
22.5°	650.3	502.1	370.4	259.3	185.2	119.4	74.1	45.3	28.8	20.6	16.5
20°	716.1	559.7	415.7	296.3	205.8	135.8	82.3	49.4	28.8	20.6	16.5
17.5°	777.9	617.4	461.0	329.3	230.5	152.3	94.7	53.5	32.9	20.6	16.5
15°	839.6	670.9	502.1	362.2	255.2	168.7	102.9	57.6	37.0	20.6	16.5
12.5°	897.2	720.3	539.2	391.0	275.8	185.2	111.1	61.7	41.2	20.6	16.5
10°	950.7	765.5	576.2	415.7	296.3	197.6	119.4	70.0	45.3	20.6	16.5
7.5°	1004.3	802.6	605.0	440.4	321.0	214.0	127.6	74.1	49.4	24.7	16.5
5°	1037.2	835.5	629.7	461.0	341.6	230.5	135.8	78.2	53.5	24.7	16.5
2.5°	1066.0	860.2	646.2	481.5	362.2	242.8	135.8	82.3	57.6	24.7	16.5
0°	1082.5	876.7	658.5	493.9	378.7	251.1	139.9	86.4	61.7	24.7	16.5
-2.5°	1119.5	905.5	687.3	510.4	395.1	275.8	148.2	90.5	65.9	28.8	16.5
-5°	1144.2	921.9	707.9	526.8	407.5	300.5	160.5	98.8	74.1	37.0	20.6
-7.5°	1164.8	938.4	724.4	535.1	419.8	308.7	164.6	102.9	78.2	41.2	20.6
-10°	1168.9	946.6	736.7	547.4	428.0	321.0	168.7	107.0	82.3	45.3	20.6
-12.5°	1173.0	954.9	740.8	555.6	436.3	329.3	172.9	111.1	86.4	49.4	20.6
-15°	1168.9	950.7	740.8	563.9	440.4	321.0	181.1	115.2	90.5	53.5	20.6
-17.5°	1160.7	946.6	736.7	559.7	436.3	312.8	185.2	123.5	90.5	57.6	24.7
-20°	1148.3	934.3	728.5	555.6	432.2	304.6	189.3	127.6	94.7	57.6	24.7

REPORT NUMBER: P723617

CATALOG NUMBER: IFLD-S-SA6D-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°	1127.7	913.7	712.0	543.3	423.9	296.3	189.3	135.8	98.8	57.6	24.7
-25°	1103.0	893.1	695.6	526.8	411.6	284.0	189.3	139.9	102.9	57.6	24.7
-27.5°	1074.2	872.5	670.9	514.5	395.1	275.8	189.3	144.1	107.0	57.6	24.7
-30°	1041.3	843.7	650.3	493.9	382.8	275.8	193.4	148.2	111.1	57.6	24.7
-32.5°	1008.4	814.9	625.6	477.4	366.3	271.6	193.4	152.3	115.2	53.5	28.8
-35°	971.3	782.0	605.0	465.1	354.0	263.4	197.6	152.3	111.1	53.5	28.8
-37.5°	926.1	740.8	584.4	452.7	345.7	255.2	197.6	156.4	107.0	53.5	28.8
-40°	876.7	707.9	559.7	436.3	333.4	251.1	197.6	156.4	102.9	53.5	32.9
-42.5°	823.2	670.9	535.1	419.8	321.0	246.9	197.6	156.4	98.8	53.5	32.9
-45°	773.8	633.8	506.2	399.2	308.7	246.9	197.6	152.3	90.5	57.6	32.9
-47.5°	720.3	592.7	473.3	378.7	304.6	242.8	193.4	144.1	82.3	57.6	32.9
-50°	675.0	551.5	448.6	358.1	296.3	246.9	197.6	131.7	82.3	57.6	32.9
-52.5°	629.7	522.7	419.8	349.8	288.1	251.1	193.4	123.5	82.3	57.6	32.9
-55°	592.7	493.9	403.3	337.5	296.3	259.3	185.2	111.1	82.3	57.6	32.9
-57.5°	563.9	477.4	391.0	341.6	308.7	251.1	172.9	107.0	82.3	53.5	32.9
-60°	543.3	461.0	395.1	358.1	312.8	238.7	164.6	107.0	82.3	53.5	28.8
-62.5°	526.8	465.1	415.7	370.4	296.3	222.3	156.4	107.0	74.1	49.4	28.8
-65°	530.9	481.5	423.9	354.0	284.0	205.8	144.1	102.9	70.0	45.3	28.8
-67.5°	543.3	469.2	399.2	333.4	255.2	185.2	131.7	94.7	65.9	45.3	28.8
-70°	502.1	432.2	362.2	284.0	218.1	160.5	123.5	86.4	57.6	41.2	28.8
-72.5°	452.7	362.2	288.1	230.5	185.2	148.2	111.1	78.2	53.5	37.0	24.7
-75°	329.3	263.4	214.0	193.4	164.6	131.7	98.8	70.0	49.4	37.0	24.7
-77.5°	234.6	218.1	197.6	177.0	148.2	115.2	86.4	65.9	45.3	32.9	20.6
-80°	230.5	209.9	185.2	152.3	123.5	98.8	74.1	57.6	41.2	28.8	16.5
-82.5°	193.4	164.6	139.9	115.2	94.7	78.2	61.7	45.3	32.9	20.6	12.3
-85°	119.4	102.9	90.5	78.2	65.9	53.5	41.2	28.8	20.6	12.3	8.2
-87.5°	57.6	53.5	45.3	37.0	32.9	24.7	20.6	16.5	12.3	8.2	4.1
-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: P723617

CATALOG NUMBER: IFLD-S-SA6D-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°	4.1	0.0	0.0	0.0
80°	4.1	0.0	0.0	0.0
77.5°	4.1	0.0	0.0	0.0
75°	4.1	4.1	0.0	0.0
72.5°	4.1	4.1	0.0	0.0
70°	8.2	4.1	4.1	0.0
67.5°	8.2	4.1	4.1	0.0
65°	8.2	4.1	4.1	0.0
62.5°	8.2	4.1	4.1	0.0
60°	8.2	4.1	4.1	0.0
57.5°	8.2	4.1	4.1	0.0
55°	8.2	4.1	4.1	0.0
52.5°	8.2	4.1	4.1	0.0
50°	8.2	4.1	4.1	0.0
47.5°	8.2	8.2	4.1	0.0
45°	8.2	8.2	4.1	0.0
42.5°	8.2	8.2	4.1	0.0
40°	8.2	8.2	4.1	0.0
37.5°	8.2	8.2	4.1	0.0
35°	8.2	8.2	4.1	0.0
32.5°	12.3	8.2	4.1	0.0
30°	12.3	8.2	8.2	0.0
27.5°	12.3	8.2	8.2	0.0
25°	12.3	8.2	8.2	0.0
22.5°	12.3	8.2	8.2	0.0
20°	12.3	8.2	8.2	0.0
17.5°	12.3	8.2	8.2	0.0
15°	12.3	8.2	8.2	0.0
12.5°	12.3	8.2	8.2	0.0
10°	12.3	8.2	8.2	0.0
7.5°	12.3	8.2	8.2	0.0
5°	12.3	8.2	8.2	0.0
2.5°	12.3	8.2	8.2	0.0
0°	12.3	8.2	8.2	0.0
-2.5°	12.3	8.2	8.2	0.0
-5°	12.3	8.2	8.2	0.0
-7.5°	12.3	8.2	8.2	0.0
-10°	12.3	8.2	8.2	0.0
-12.5°	16.5	8.2	8.2	0.0
-15°	16.5	8.2	8.2	0.0
-17.5°	16.5	8.2	8.2	0.0
-20°	16.5	8.2	8.2	0.0

REPORT NUMBER: P723617

CATALOG NUMBER: IFLD-S-SA6D-722-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	16.5	8.2	8.2	0.0
-25°	16.5	8.2	8.2	0.0
-27.5°	16.5	8.2	8.2	0.0
-30°	16.5	8.2	8.2	0.0
-32.5°	16.5	8.2	8.2	0.0
-35°	16.5	8.2	8.2	0.0
-37.5°	16.5	8.2	8.2	0.0
-40°	16.5	8.2	8.2	0.0
-42.5°	12.3	8.2	4.1	0.0
-45°	16.5	8.2	4.1	0.0
-47.5°	16.5	8.2	4.1	0.0
-50°	16.5	8.2	4.1	0.0
-52.5°	16.5	8.2	4.1	0.0
-55°	16.5	8.2	4.1	0.0
-57.5°	16.5	8.2	4.1	0.0
-60°	16.5	8.2	4.1	0.0
-62.5°	16.5	8.2	4.1	0.0
-65°	16.5	8.2	4.1	0.0
-67.5°	16.5	8.2	4.1	0.0
-70°	16.5	4.1	4.1	0.0
-72.5°	12.3	4.1	4.1	0.0
-75°	12.3	4.1	4.1	0.0
-77.5°	8.2	4.1	0.0	0.0
-80°	8.2	4.1	0.0	0.0
-82.5°	8.2	4.1	0.0	0.0
-85°	4.1	0.0	0.0	0.0
-87.5°	4.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)