

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: P723646

Luminaire Tested: **IFLD-S-SA6D-727-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723646
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6D-727-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (96) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	20242.3 lumens	Max Intensity:	476230.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	55.0 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:	7340.7 lumens	Field Lumens:	11702.5 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

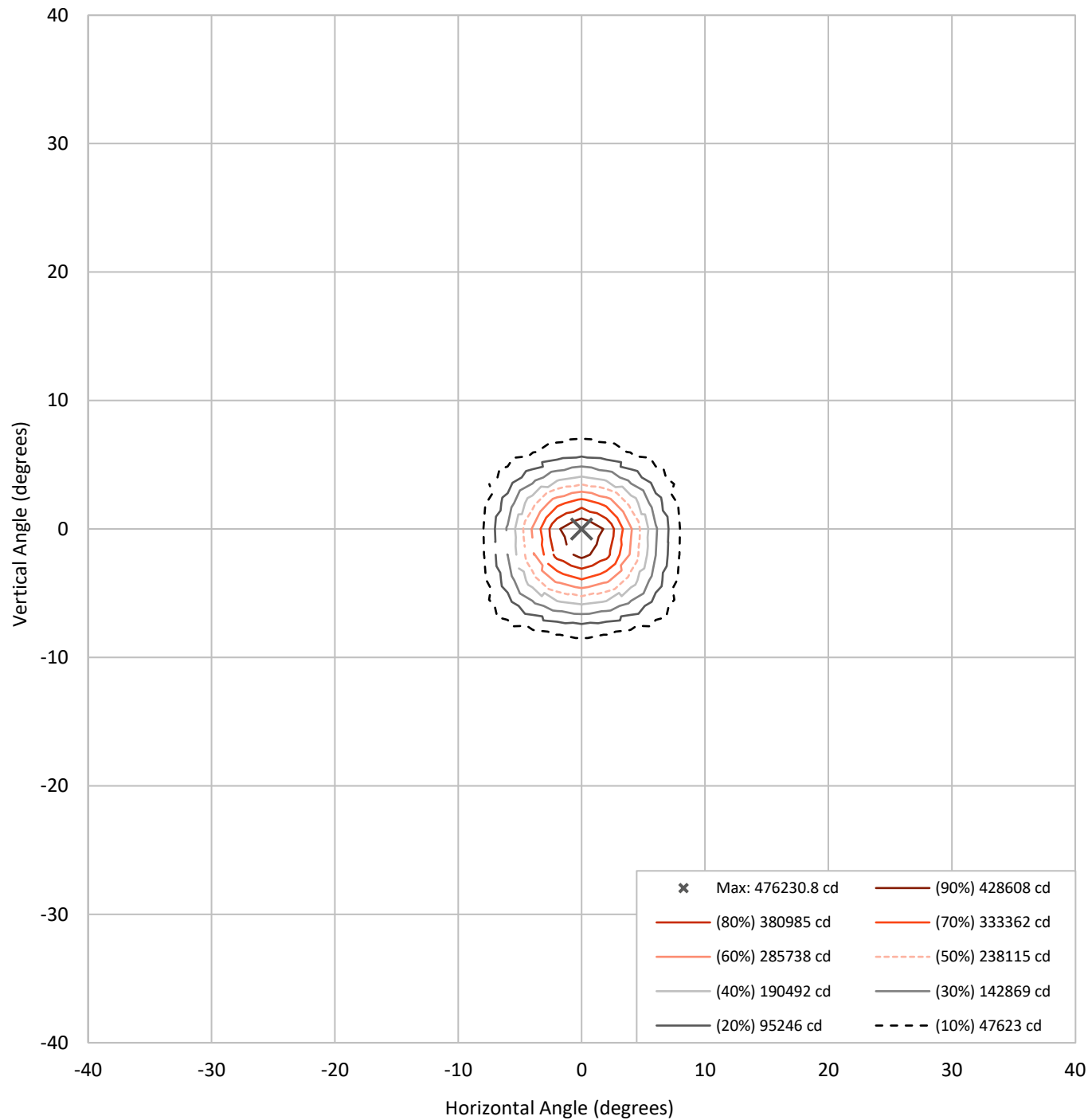
Input Watts (W): 368.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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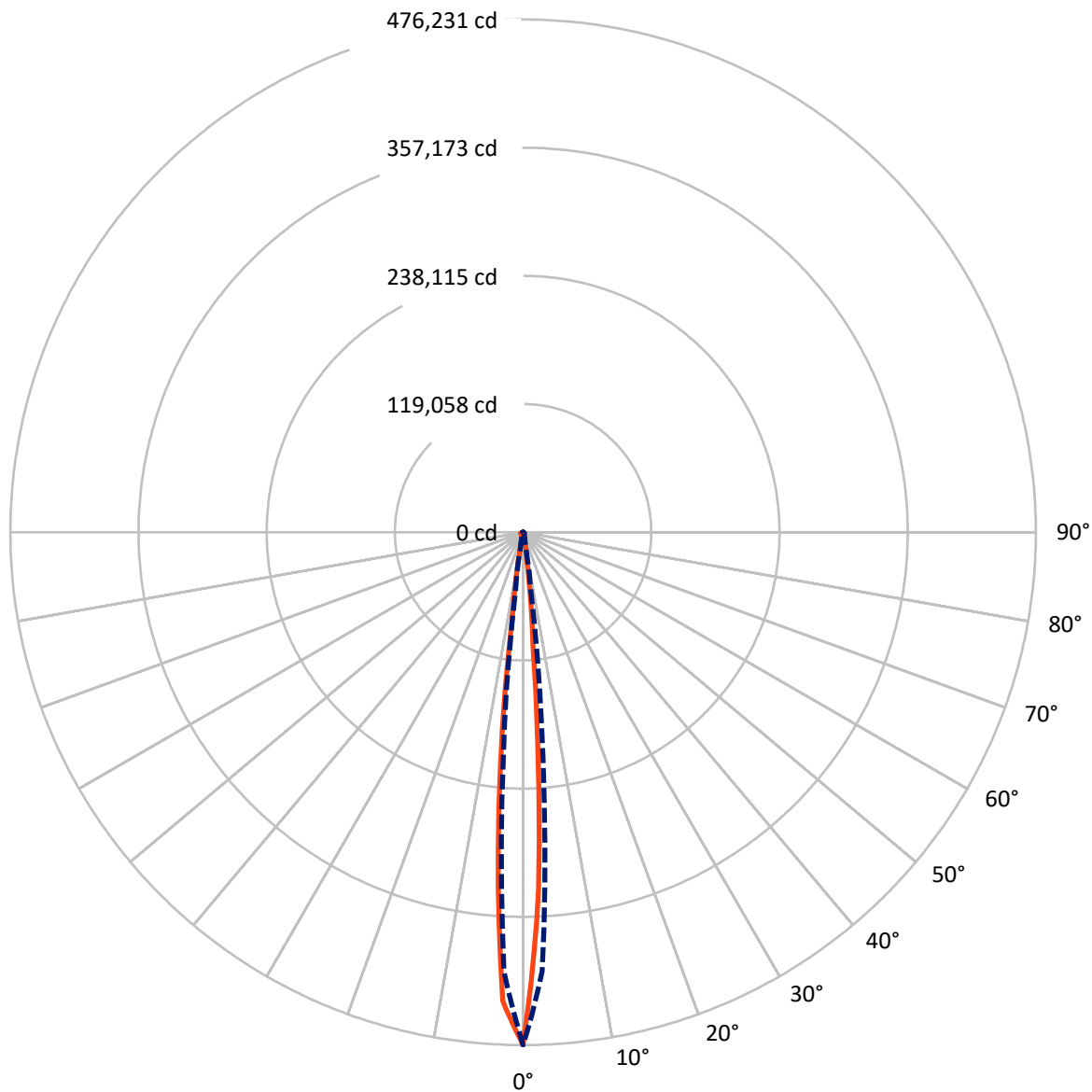
Lumen Table

Vertical Angle (degrees)																
	0.3	4.5		4.9		1.9		0.5		1.9		4.9		4.5		0.3
90																
80	0.3	4.5		4.9		1.9		0.5		1.9		4.9		4.5		0.3
70																
60	0.5	1.0	1.3	1.0	0.8	0.6	0.5	0.3	0.3	0.5	0.6	0.8	1.0	1.3	1.0	0.5
50		0.6	0.9	2.4	5.2	8.5	11.0	12.6	12.6	11.0	8.5	5.2	2.4	0.9	0.6	
40	0.5	0.7	2.8	9.2	18.2	26.5	32.0	35.4	35.4	32.0	26.5	18.2	9.2	2.8	0.7	0.5
30		1.4	7.0	18.9	30.8	36.2	39.0	40.4	40.4	39.0	36.2	30.8	18.9	7.0	1.4	
20	0.8	2.6	12.0	27.6	35.7	36.7	43.3	52.2	52.2	43.3	36.7	35.7	27.6	12.0	2.6	0.8
10		4.1	16.8	33.9	38.0	42.9	75.4	128.5	128.5	75.4	42.9	38.0	33.9	16.8	4.1	
0	1.4	5.3	20.6	37.2	39.4	53.0	143.4	2657.3	2657.3	143.4	53.0	39.4	37.2	20.6	5.3	1.4
-10		6.3	22.6	39.1	40.9	54.8	154.5	3874.6	3874.6	154.5	54.8	40.9	39.1	22.6	6.3	
-20	1.9	6.7	23.2	41.1	44.3	49.4	89.8	172.4	172.4	89.8	49.4	44.3	41.1	23.2	6.7	1.9
-30		6.3	22.0	41.7	49.7	49.8	58.2	71.0	71.0	58.2	49.8	49.7	41.7	22.0	6.3	
-40	2.1	5.6	19.5	39.8	54.7	59.6	62.0	62.5	62.5	62.0	59.6	54.7	39.8	19.5	5.6	2.1
-50		4.9	15.7	33.8	52.7	64.1	71.8	75.3	75.3	71.8	64.1	52.7	33.8	15.7	4.9	
-60	1.7	4.4	12.1	26.2	44.9	60.4	70.1	74.2	74.2	70.1	60.4	44.9	26.2	12.1	4.4	1.7
-70		4.1	10.6	21.4	37.5	52.8	63.9	69.0	69.0	63.9	52.8	37.5	21.4	10.6	4.1	
-80	0.8	12.5		37.3		69.1		76.3		69.1		37.3		12.5		0.8
-90																
Horizontal Angle (degrees)																
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	90

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Luminous Intensity Polar Plot



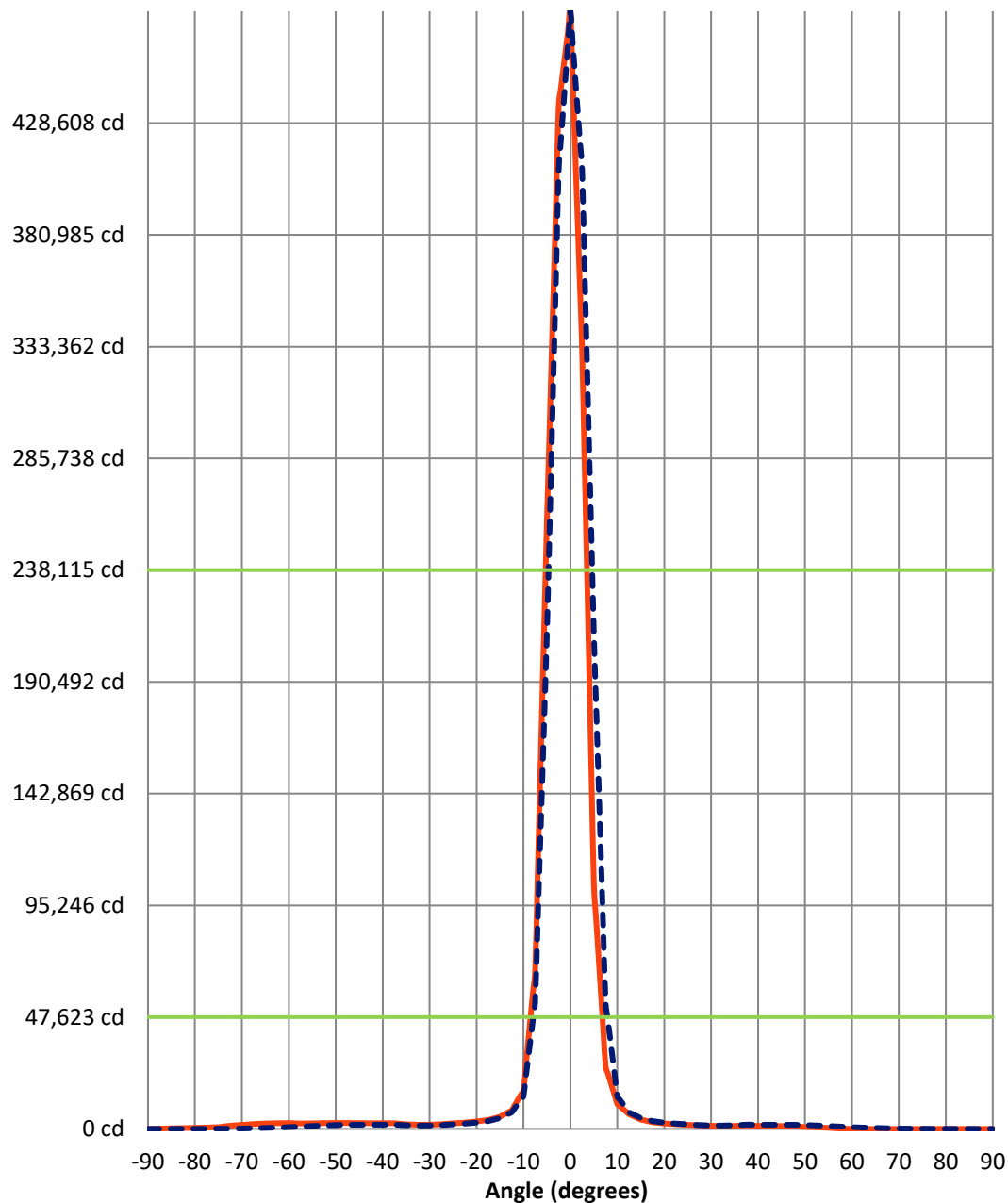
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 7340.7

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 11702.5

Efficiency: 57.8%

Spill:

Lumens: 8539.8

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	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
85°	0.0	4.7	4.7	9.3	9.3	9.3	14.0	18.7	23.4	23.4	28.0
82.5°	0.0	4.7	4.7	9.3	9.3	14.0	14.0	23.4	28.0	32.7	42.1
80°	4.7	4.7	4.7	9.3	9.3	14.0	14.0	18.7	23.4	32.7	37.4
77.5°	0.0	4.7	4.7	4.7	9.3	9.3	9.3	14.0	18.7	23.4	28.0
75°	0.0	4.7	4.7	4.7	9.3	9.3	9.3	9.3	14.0	14.0	18.7
72.5°	0.0	0.0	0.0	4.7	4.7	9.3	9.3	9.3	14.0	14.0	14.0
70°	0.0	0.0	0.0	4.7	4.7	9.3	9.3	9.3	14.0	14.0	14.0
67.5°	0.0	0.0	0.0	4.7	4.7	9.3	9.3	9.3	14.0	14.0	14.0
65°	0.0	0.0	0.0	4.7	4.7	9.3	9.3	14.0	14.0	14.0	14.0
62.5°	4.7	4.7	4.7	9.3	14.0	14.0	18.7	23.4	23.4	23.4	23.4
60°	46.7	51.4	56.1	56.1	51.4	51.4	56.1	56.1	56.1	56.1	56.1
57.5°	126.2	135.5	140.2	140.2	140.2	135.5	154.2	158.9	140.2	130.8	144.9
55°	439.2	453.3	443.9	429.9	401.9	369.2	359.8	355.1	359.8	336.4	299.1
52.5°	640.2	654.2	649.5	640.2	621.5	598.1	579.4	560.7	542.1	504.7	462.6
50°	831.8	836.4	831.8	822.4	803.7	780.4	743.0	700.9	663.5	654.2	616.8
47.5°	1046.7	1060.7	1060.7	1056.1	1042.0	1000.0	943.9	883.2	855.1	845.8	808.4
45°	1238.3	1247.7	1252.3	1257.0	1252.3	1210.3	1158.9	1126.2	1065.4	1046.7	1046.7
42.5°	1289.7	1294.4	1299.1	1303.7	1317.7	1285.0	1243.0	1186.9	1172.9	1168.2	1158.9
40°	1308.4	1299.1	1303.7	1308.4	1313.1	1289.7	1257.0	1224.3	1214.9	1205.6	1205.6
37.5°	1486.0	1443.9	1411.2	1383.2	1359.8	1336.4	1303.7	1275.7	1252.3	1233.6	1252.3
35°	1266.3	1266.3	1299.1	1327.1	1355.1	1383.2	1387.8	1355.1	1303.7	1280.4	1313.1
32.5°	1294.4	1294.4	1294.4	1303.7	1313.1	1336.4	1359.8	1373.8	1411.2	1369.2	1369.2
30°	1322.4	1327.1	1336.4	1341.1	1327.1	1317.7	1308.4	1308.4	1331.8	1392.5	1425.2
27.5°	1486.0	1486.0	1472.0	1453.3	1411.2	1345.8	1313.1	1266.3	1271.0	1299.1	1378.5
25°	1752.3	1743.0	1710.3	1663.5	1588.8	1495.3	1406.5	1308.4	1266.3	1252.3	1285.0
22.5°	2004.7	1990.6	1948.6	1906.5	1845.8	1752.3	1602.8	1453.3	1322.4	1266.3	1252.3
20°	2327.1	2294.4	2247.6	2182.2	2084.1	1990.6	1859.8	1663.5	1472.0	1327.1	1271.0
17.5°	2845.8	2803.7	2714.9	2598.1	2429.9	2285.0	2098.1	1911.2	1696.3	1462.6	1336.4
15°	3981.3	3873.8	3719.6	3397.2	3065.4	2789.7	2509.3	2196.2	1976.6	1668.2	1476.6
12.5°	6261.6	5967.3	5518.7	4766.3	4023.3	3383.2	2929.9	2528.0	2172.9	1887.8	1616.8
10°	10598.1	9967.2	8728.9	6672.9	5303.7	4126.1	3313.1	2775.7	2327.1	2032.7	1733.6
7.5°	26803.6	21864.4	15471.9	10565.4	6939.2	5042.0	3789.7	3009.3	2490.6	2126.2	1827.1
5°	104466.7	86055.6	45906.3	19158.8	10439.2	6098.1	4219.6	3196.2	2598.1	2196.2	1897.2
2.5°	331544.7	286311.4	150214.0	41242.7	12817.7	6869.1	4514.0	3313.1	2658.9	2247.6	1948.6
0°	476230.8	408147.1	210816.5	54242.7	13901.8	7065.4	4607.4	3336.4	2668.2	2257.0	1948.6
-2.5°	435670.3	381296.8	203648.3	50476.3	14205.5	7121.5	4682.2	3415.9	2738.3	2299.1	1962.6
-5°	258872.3	227068.7	142059.9	35990.4	12621.4	6612.1	4486.0	3345.8	2691.6	2275.7	1953.3
-7.5°	68205.2	59046.4	38840.9	18780.3	8168.2	5593.4	4121.5	3229.0	2630.8	2233.6	1915.9
-10°	16443.8	15584.0	13920.5	8532.7	6359.8	4672.9	3654.2	3018.7	2509.3	2177.6	1855.1
-12.5°	7929.9	7742.9	7028.0	5794.4	4719.6	3883.2	3308.4	2799.0	2397.2	2079.4	1771.0
-15°	5158.8	5051.4	4808.4	4336.4	3789.7	3387.8	2986.0	2574.8	2257.0	1934.6	1700.9
-17.5°	3817.7	3813.1	3691.6	3514.0	3243.0	2943.9	2649.5	2387.8	2079.4	1803.7	1626.2
-20°	3163.5	3163.5	3093.4	2976.6	2785.0	2588.8	2392.5	2149.5	1897.2	1691.6	1616.8

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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°	2686.9	2691.6	2654.2	2579.4	2476.6	2313.1	2121.5	1925.2	1743.0	1668.2	1644.8
-25°	2378.5	2369.1	2327.1	2257.0	2149.5	2018.7	1892.5	1761.7	1710.3	1691.6	1724.3
-27.5°	2014.0	2028.0	2009.3	1976.6	1906.5	1813.1	1785.0	1747.7	1757.0	1785.0	1911.2
-30°	1799.1	1813.1	1831.8	1845.8	1822.4	1799.1	1808.4	1836.4	1897.2	2004.7	2051.4
-32.5°	1799.1	1803.7	1831.8	1859.8	1873.8	1892.5	1943.9	2037.4	2126.2	2098.1	2088.8
-35°	1962.6	1948.6	1986.0	2023.4	2074.8	2140.2	2196.2	2177.6	2144.8	2135.5	2144.8
-37.5°	2429.9	2341.1	2303.7	2280.4	2266.3	2257.0	2243.0	2229.0	2214.9	2205.6	2219.6
-40°	2425.2	2401.9	2378.5	2359.8	2345.8	2327.1	2317.7	2313.1	2299.1	2289.7	2280.4
-42.5°	2415.9	2425.2	2425.2	2420.5	2425.2	2420.5	2406.5	2387.8	2364.5	2345.8	2327.1
-45°	2486.0	2490.6	2500.0	2509.3	2523.3	2504.7	2476.6	2443.9	2411.2	2383.2	2359.8
-47.5°	2528.0	2532.7	2542.0	2556.1	2565.4	2546.7	2509.3	2467.3	2415.9	2369.1	2322.4
-50°	2542.0	2556.1	2560.7	2560.7	2556.1	2532.7	2476.6	2415.9	2359.8	2313.1	2271.0
-52.5°	2476.6	2490.6	2495.3	2486.0	2481.3	2457.9	2406.5	2350.5	2289.7	2257.0	2219.6
-55°	2369.1	2387.8	2401.9	2401.9	2401.9	2397.2	2350.5	2299.1	2252.3	2214.9	2177.6
-57.5°	2327.1	2359.8	2387.8	2392.5	2397.2	2401.9	2369.1	2317.7	2261.7	2205.6	2158.9
-60°	2481.3	2509.3	2523.3	2504.7	2490.6	2476.6	2425.2	2364.5	2308.4	2252.3	2163.5
-62.5°	2439.2	2486.0	2509.3	2495.3	2476.6	2453.3	2397.2	2327.1	2261.7	2200.9	2112.1
-65°	2303.7	2345.8	2373.8	2350.5	2322.4	2289.7	2238.3	2172.9	2112.1	2051.4	1972.0
-67.5°	2074.8	2135.5	2182.2	2130.8	2093.4	2051.4	2009.3	1953.3	1892.5	1822.4	1747.7
-70°	1714.9	1761.7	1803.7	1789.7	1780.4	1771.0	1743.0	1686.9	1635.5	1579.4	1514.0
-72.5°	1378.5	1420.6	1457.9	1434.6	1415.9	1387.8	1345.8	1285.0	1224.3	1163.5	1102.8
-75°	761.7	775.7	789.7	785.0	785.0	785.0	785.0	789.7	780.4	766.4	738.3
-77.5°	584.1	602.8	616.8	626.2	640.2	658.9	672.9	649.5	626.2	602.8	574.8
-80°	457.9	476.6	490.7	542.1	579.4	621.5	649.5	616.8	584.1	556.1	532.7
-82.5°	345.8	359.8	373.8	401.9	420.6	443.9	462.6	462.6	457.9	453.3	439.2
-85°	252.3	271.0	289.7	299.1	313.1	313.1	317.8	299.1	280.4	266.4	247.7
-87.5°	144.9	149.5	149.5	149.5	154.2	154.2	154.2	144.9	140.2	130.8	126.2
-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°	4.7	4.7	4.7	9.3	9.3	14.0	14.0	18.7	18.7	23.4	23.4
85°	28.0	28.0	28.0	32.7	32.7	37.4	42.1	46.7	51.4	51.4	56.1
82.5°	46.7	51.4	56.1	60.7	65.4	70.1	74.8	79.4	93.5	102.8	107.5
80°	46.7	51.4	65.4	74.8	84.1	93.5	93.5	93.5	93.5	98.1	107.5
77.5°	32.7	37.4	42.1	51.4	74.8	93.5	107.5	116.8	107.5	102.8	93.5
75°	18.7	23.4	28.0	32.7	46.7	65.4	88.8	112.1	130.8	126.2	116.8
72.5°	18.7	18.7	23.4	28.0	32.7	37.4	42.1	65.4	93.5	116.8	130.8
70°	18.7	23.4	23.4	28.0	32.7	37.4	42.1	51.4	65.4	93.5	121.5
67.5°	18.7	23.4	23.4	32.7	42.1	46.7	51.4	46.7	42.1	60.7	88.8
65°	18.7	18.7	23.4	28.0	32.7	37.4	51.4	51.4	46.7	46.7	46.7
62.5°	28.0	28.0	28.0	28.0	32.7	32.7	32.7	42.1	42.1	42.1	42.1
60°	56.1	51.4	51.4	51.4	51.4	42.1	42.1	42.1	37.4	42.1	37.4
57.5°	135.5	112.1	102.8	102.8	88.8	84.1	70.1	51.4	51.4	42.1	42.1
55°	275.7	261.7	219.6	182.2	163.6	144.9	112.1	93.5	70.1	56.1	51.4
52.5°	425.2	387.8	350.5	303.7	257.0	219.6	186.9	144.9	116.8	84.1	65.4
50°	556.1	523.4	481.3	429.9	369.2	322.4	275.7	219.6	172.9	130.8	93.5
47.5°	757.0	691.6	640.2	579.4	509.3	443.9	383.2	317.8	243.0	191.6	144.9
45°	972.0	878.5	808.4	752.3	658.9	570.1	500.0	429.9	341.1	252.3	196.3
42.5°	1121.5	1051.4	957.9	883.2	799.1	705.6	612.1	537.4	443.9	341.1	252.3
40°	1200.9	1154.2	1079.4	1014.0	925.2	822.4	724.3	649.5	551.4	439.2	317.8
37.5°	1261.7	1238.3	1200.9	1149.5	1065.4	943.9	845.8	757.0	672.9	542.1	411.2
35°	1331.8	1327.1	1303.7	1280.4	1210.3	1093.5	976.6	873.8	771.0	649.5	504.7
32.5°	1397.2	1392.5	1378.5	1369.2	1341.1	1238.3	1112.1	995.3	878.5	752.3	593.5
30°	1429.9	1420.6	1420.6	1429.9	1401.9	1336.4	1243.0	1116.8	986.0	836.4	686.9
27.5°	1429.9	1420.6	1425.2	1439.2	1434.6	1401.9	1331.8	1229.0	1084.1	915.9	771.0
25°	1369.2	1415.9	1415.9	1434.6	1439.2	1429.9	1392.5	1327.1	1177.6	1000.0	836.4
22.5°	1285.0	1397.2	1439.2	1434.6	1439.2	1462.6	1467.3	1406.5	1266.3	1084.1	901.9
20°	1285.0	1364.5	1486.0	1453.3	1462.6	1514.0	1537.4	1486.0	1359.8	1163.5	967.3
17.5°	1313.1	1364.5	1467.3	1518.7	1532.7	1574.8	1612.1	1579.4	1443.9	1247.7	1056.1
15°	1392.5	1383.2	1453.3	1579.4	1602.8	1635.5	1677.6	1640.2	1518.7	1341.1	1140.2
12.5°	1448.6	1397.2	1453.3	1588.8	1663.5	1696.3	1710.3	1682.2	1584.1	1425.2	1224.3
10°	1523.4	1434.6	1462.6	1579.4	1686.9	1710.3	1724.3	1714.9	1644.8	1495.3	1299.1
7.5°	1579.4	1453.3	1453.3	1565.4	1710.3	1729.0	1738.3	1747.7	1696.3	1556.1	1364.5
5°	1602.8	1453.3	1443.9	1551.4	1733.6	1752.3	1752.3	1766.3	1733.6	1602.8	1411.2
2.5°	1607.5	1448.6	1434.6	1542.0	1775.7	1775.7	1766.3	1780.4	1761.7	1630.8	1443.9
0°	1630.8	1443.9	1429.9	1556.1	1822.4	1803.7	1780.4	1785.0	1775.7	1644.8	1462.6
-2.5°	1630.8	1467.3	1448.6	1565.4	1817.7	1813.1	1803.7	1808.4	1799.1	1686.9	1500.0
-5°	1654.2	1500.0	1481.3	1607.5	1813.1	1827.1	1831.8	1831.8	1817.7	1714.9	1523.4
-7.5°	1658.9	1523.4	1518.7	1649.5	1822.4	1845.8	1859.8	1869.1	1841.1	1733.6	1542.0
-10°	1635.5	1532.7	1556.1	1700.9	1831.8	1864.5	1892.5	1906.5	1859.8	1743.0	1551.4
-12.5°	1584.1	1532.7	1593.4	1766.3	1855.1	1892.5	1934.6	1939.2	1878.5	1747.7	1556.1
-15°	1579.4	1570.1	1658.9	1831.8	1869.1	1915.9	1981.3	1967.3	1892.5	1747.7	1556.1
-17.5°	1574.8	1621.5	1757.0	1855.1	1892.5	1943.9	1995.3	1981.3	1901.9	1747.7	1546.7
-20°	1616.8	1705.6	1873.8	1878.5	1920.5	1976.6	2004.7	1976.6	1887.8	1733.6	1532.7

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CATALOG NUMBER: IFLD-S-SA6D-727-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°	1686.9	1855.1	1911.2	1929.9	1967.3	2009.3	2023.4	1981.3	1873.8	1710.3	1509.3
-25°	1864.5	1948.6	1948.6	1990.6	2028.0	2046.7	2032.7	1986.0	1855.1	1686.9	1486.0
-27.5°	2000.0	1995.3	2018.7	2060.7	2093.4	2093.4	2056.1	1962.6	1827.1	1663.5	1453.3
-30°	2051.4	2056.1	2088.8	2135.5	2144.8	2121.5	2065.4	1943.9	1803.7	1626.2	1411.2
-32.5°	2102.8	2121.5	2163.5	2186.9	2191.6	2144.8	2042.0	1911.2	1766.3	1584.1	1364.5
-35°	2163.5	2200.9	2224.3	2229.0	2205.6	2126.2	2009.3	1869.1	1710.3	1523.4	1322.4
-37.5°	2243.0	2261.7	2275.7	2257.0	2191.6	2098.1	1953.3	1813.1	1658.9	1457.9	1261.7
-40°	2294.4	2303.7	2308.4	2247.6	2168.2	2032.7	1892.5	1747.7	1570.1	1383.2	1196.3
-42.5°	2327.1	2317.7	2280.4	2214.9	2098.1	1967.3	1831.8	1668.2	1490.6	1308.4	1126.2
-45°	2317.7	2285.0	2229.0	2149.5	2028.0	1897.2	1738.3	1574.8	1406.5	1229.0	1046.7
-47.5°	2280.4	2229.0	2158.9	2065.4	1953.3	1794.4	1635.5	1476.6	1313.1	1140.2	972.0
-50°	2233.6	2172.9	2088.8	1972.0	1822.4	1677.6	1532.7	1378.5	1210.3	1051.4	901.9
-52.5°	2182.2	2116.8	2009.3	1878.5	1714.9	1565.4	1425.2	1275.7	1121.5	972.0	841.1
-55°	2126.2	2060.7	1939.2	1789.7	1626.2	1462.6	1327.1	1200.9	1051.4	906.5	789.7
-57.5°	2098.1	2014.0	1887.8	1738.3	1565.4	1397.2	1280.4	1144.9	1009.3	859.8	747.7
-60°	2074.8	1990.6	1873.8	1700.9	1537.4	1378.5	1243.0	1112.1	967.3	827.1	714.9
-62.5°	2009.3	1920.5	1813.1	1644.8	1486.0	1341.1	1219.6	1065.4	925.2	794.4	691.6
-65°	1878.5	1785.0	1691.6	1542.0	1397.2	1261.7	1140.2	1000.0	869.2	757.0	668.2
-67.5°	1672.9	1593.4	1509.3	1383.2	1261.7	1140.2	1028.0	906.5	799.1	719.6	672.9
-70°	1443.9	1359.8	1275.7	1172.9	1070.1	972.0	883.2	794.4	724.3	682.2	644.9
-72.5°	1051.4	1014.0	972.0	892.5	808.4	747.7	705.6	668.2	616.8	579.4	556.1
-75°	700.9	649.5	584.1	556.1	560.7	551.4	528.0	500.0	476.6	462.6	429.9
-77.5°	546.7	518.7	486.0	453.3	439.2	425.2	406.5	383.2	364.5	331.8	285.0
-80°	504.7	481.3	457.9	434.6	411.2	378.5	341.1	303.7	285.0	271.0	266.4
-82.5°	415.9	387.8	359.8	336.4	303.7	280.4	257.0	238.3	238.3	233.6	229.0
-85°	238.3	229.0	215.0	205.6	196.3	182.2	168.2	158.9	154.2	149.5	144.9
-87.5°	121.5	116.8	107.5	102.8	98.1	93.5	84.1	79.4	74.8	74.8	70.1
-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: P723646

CATALOG NUMBER: IFLD-S-SA6D-727-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°	23.4	23.4	18.7	18.7	18.7	14.0	9.3	9.3	4.7	4.7	0.0
85°	56.1	46.7	42.1	37.4	37.4	28.0	18.7	14.0	9.3	4.7	4.7
82.5°	107.5	93.5	79.4	70.1	56.1	42.1	32.7	23.4	14.0	9.3	4.7
80°	121.5	121.5	116.8	98.1	79.4	60.7	42.1	28.0	18.7	14.0	9.3
77.5°	93.5	102.8	102.8	102.8	98.1	74.8	51.4	32.7	18.7	14.0	9.3
75°	107.5	93.5	88.8	93.5	88.8	74.8	60.7	37.4	23.4	18.7	9.3
72.5°	130.8	112.1	98.1	93.5	84.1	70.1	56.1	42.1	23.4	18.7	14.0
70°	121.5	116.8	107.5	98.1	84.1	70.1	56.1	42.1	28.0	18.7	14.0
67.5°	107.5	107.5	107.5	98.1	84.1	65.4	51.4	37.4	28.0	18.7	14.0
65°	74.8	88.8	98.1	93.5	84.1	65.4	51.4	37.4	28.0	23.4	14.0
62.5°	46.7	60.7	79.4	88.8	79.4	65.4	46.7	37.4	28.0	23.4	14.0
60°	42.1	46.7	56.1	70.1	74.8	60.7	46.7	32.7	28.0	23.4	14.0
57.5°	42.1	42.1	46.7	56.1	60.7	56.1	42.1	28.0	28.0	23.4	18.7
55°	46.7	42.1	42.1	46.7	51.4	51.4	42.1	28.0	28.0	23.4	18.7
52.5°	56.1	46.7	42.1	42.1	42.1	46.7	37.4	28.0	28.0	23.4	18.7
50°	70.1	56.1	51.4	42.1	42.1	42.1	37.4	28.0	23.4	23.4	18.7
47.5°	93.5	74.8	56.1	51.4	42.1	37.4	32.7	28.0	23.4	23.4	18.7
45°	140.2	88.8	74.8	56.1	46.7	42.1	37.4	28.0	23.4	23.4	18.7
42.5°	191.6	130.8	93.5	65.4	51.4	42.1	37.4	32.7	23.4	23.4	18.7
40°	243.0	177.6	116.8	84.1	60.7	46.7	37.4	32.7	28.0	23.4	18.7
37.5°	299.1	219.6	154.2	107.5	70.1	51.4	42.1	32.7	28.0	23.4	18.7
35°	369.2	275.7	191.6	130.8	84.1	60.7	46.7	32.7	28.0	23.4	18.7
32.5°	448.6	327.1	229.0	158.9	107.5	74.8	51.4	37.4	28.0	23.4	18.7
30°	523.4	387.8	271.0	191.6	130.8	84.1	56.1	37.4	28.0	23.4	14.0
27.5°	598.1	448.6	322.4	224.3	158.9	98.1	60.7	42.1	28.0	23.4	18.7
25°	672.9	509.3	373.8	257.0	182.2	116.8	74.8	46.7	28.0	23.4	18.7
22.5°	738.3	570.1	420.6	294.4	210.3	135.5	84.1	51.4	32.7	23.4	18.7
20°	813.1	635.5	472.0	336.4	233.6	154.2	93.5	56.1	32.7	23.4	18.7
17.5°	883.2	700.9	523.4	373.8	261.7	172.9	107.5	60.7	37.4	23.4	18.7
15°	953.3	761.7	570.1	411.2	289.7	191.6	116.8	65.4	42.1	23.4	18.7
12.5°	1018.7	817.8	612.1	443.9	313.1	210.3	126.2	70.1	46.7	23.4	18.7
10°	1079.4	869.2	654.2	472.0	336.4	224.3	135.5	79.4	51.4	23.4	18.7
7.5°	1140.2	911.2	686.9	500.0	364.5	243.0	144.9	84.1	56.1	28.0	18.7
5°	1177.6	948.6	714.9	523.4	387.8	261.7	154.2	88.8	60.7	28.0	18.7
2.5°	1210.3	976.6	733.6	546.7	411.2	275.7	154.2	93.5	65.4	28.0	18.7
0°	1229.0	995.3	747.7	560.7	429.9	285.0	158.9	98.1	70.1	28.0	18.7
-2.5°	1271.0	1028.0	780.4	579.4	448.6	313.1	168.2	102.8	74.8	32.7	18.7
-5°	1299.1	1046.7	803.7	598.1	462.6	341.1	182.2	112.1	84.1	42.1	23.4
-7.5°	1322.4	1065.4	822.4	607.5	476.6	350.5	186.9	116.8	88.8	46.7	23.4
-10°	1327.1	1074.8	836.4	621.5	486.0	364.5	191.6	121.5	93.5	51.4	23.4
-12.5°	1331.8	1084.1	841.1	630.8	495.3	373.8	196.3	126.2	98.1	56.1	23.4
-15°	1327.1	1079.4	841.1	640.2	500.0	364.5	205.6	130.8	102.8	60.7	23.4
-17.5°	1317.7	1074.8	836.4	635.5	495.3	355.1	210.3	140.2	102.8	65.4	28.0
-20°	1303.7	1060.7	827.1	630.8	490.7	345.8	215.0	144.9	107.5	65.4	28.0



REPORT NUMBER: P723646

CATALOG NUMBER: IFLD-S-SA6D-727-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1280.4	1037.4	808.4	616.8	481.3	336.4	215.0	154.2	112.1	65.4	28.0
-25°	1252.3	1014.0	789.7	598.1	467.3	322.4	215.0	158.9	116.8	65.4	28.0
-27.5°	1219.6	990.6	761.7	584.1	448.6	313.1	215.0	163.6	121.5	65.4	28.0
-30°	1182.2	957.9	738.3	560.7	434.6	313.1	219.6	168.2	126.2	65.4	28.0
-32.5°	1144.9	925.2	710.3	542.1	415.9	308.4	219.6	172.9	130.8	60.7	32.7
-35°	1102.8	887.8	686.9	528.0	401.9	299.1	224.3	172.9	126.2	60.7	32.7
-37.5°	1051.4	841.1	663.5	514.0	392.5	289.7	224.3	177.6	121.5	60.7	32.7
-40°	995.3	803.7	635.5	495.3	378.5	285.0	224.3	177.6	116.8	60.7	37.4
-42.5°	934.6	761.7	607.5	476.6	364.5	280.4	224.3	177.6	112.1	60.7	37.4
-45°	878.5	719.6	574.8	453.3	350.5	280.4	224.3	172.9	102.8	65.4	37.4
-47.5°	817.8	672.9	537.4	429.9	345.8	275.7	219.6	163.6	93.5	65.4	37.4
-50°	766.4	626.2	509.3	406.5	336.4	280.4	224.3	149.5	93.5	65.4	37.4
-52.5°	714.9	593.5	476.6	397.2	327.1	285.0	219.6	140.2	93.5	65.4	37.4
-55°	672.9	560.7	457.9	383.2	336.4	294.4	210.3	126.2	93.5	65.4	37.4
-57.5°	640.2	542.1	443.9	387.8	350.5	285.0	196.3	121.5	93.5	60.7	37.4
-60°	616.8	523.4	448.6	406.5	355.1	271.0	186.9	121.5	93.5	60.7	32.7
-62.5°	598.1	528.0	472.0	420.6	336.4	252.3	177.6	121.5	84.1	56.1	32.7
-65°	602.8	546.7	481.3	401.9	322.4	233.6	163.6	116.8	79.4	51.4	32.7
-67.5°	616.8	532.7	453.3	378.5	289.7	210.3	149.5	107.5	74.8	51.4	32.7
-70°	570.1	490.7	411.2	322.4	247.7	182.2	140.2	98.1	65.4	46.7	32.7
-72.5°	514.0	411.2	327.1	261.7	210.3	168.2	126.2	88.8	60.7	42.1	28.0
-75°	373.8	299.1	243.0	219.6	186.9	149.5	112.1	79.4	56.1	42.1	28.0
-77.5°	266.4	247.7	224.3	200.9	168.2	130.8	98.1	74.8	51.4	37.4	23.4
-80°	261.7	238.3	210.3	172.9	140.2	112.1	84.1	65.4	46.7	32.7	18.7
-82.5°	219.6	186.9	158.9	130.8	107.5	88.8	70.1	51.4	37.4	23.4	14.0
-85°	135.5	116.8	102.8	88.8	74.8	60.7	46.7	32.7	23.4	14.0	9.3
-87.5°	65.4	60.7	51.4	42.1	37.4	28.0	23.4	18.7	14.0	9.3	4.7
-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: P723646

CATALOG NUMBER: IFLD-S-SA6D-727-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°	4.7	0.0	0.0	0.0
80°	4.7	0.0	0.0	0.0
77.5°	4.7	0.0	0.0	0.0
75°	4.7	4.7	0.0	0.0
72.5°	4.7	4.7	0.0	0.0
70°	9.3	4.7	4.7	0.0
67.5°	9.3	4.7	4.7	0.0
65°	9.3	4.7	4.7	0.0
62.5°	9.3	4.7	4.7	0.0
60°	9.3	4.7	4.7	0.0
57.5°	9.3	4.7	4.7	0.0
55°	9.3	4.7	4.7	0.0
52.5°	9.3	4.7	4.7	0.0
50°	9.3	4.7	4.7	0.0
47.5°	9.3	9.3	4.7	0.0
45°	9.3	9.3	4.7	0.0
42.5°	9.3	9.3	4.7	0.0
40°	9.3	9.3	4.7	0.0
37.5°	9.3	9.3	4.7	0.0
35°	9.3	9.3	4.7	0.0
32.5°	14.0	9.3	4.7	0.0
30°	14.0	9.3	9.3	0.0
27.5°	14.0	9.3	9.3	0.0
25°	14.0	9.3	9.3	0.0
22.5°	14.0	9.3	9.3	0.0
20°	14.0	9.3	9.3	0.0
17.5°	14.0	9.3	9.3	0.0
15°	14.0	9.3	9.3	0.0
12.5°	14.0	9.3	9.3	0.0
10°	14.0	9.3	9.3	0.0
7.5°	14.0	9.3	9.3	0.0
5°	14.0	9.3	9.3	0.0
2.5°	14.0	9.3	9.3	0.0
0°	14.0	9.3	9.3	0.0
-2.5°	14.0	9.3	9.3	0.0
-5°	14.0	9.3	9.3	0.0
-7.5°	14.0	9.3	9.3	0.0
-10°	14.0	9.3	9.3	0.0
-12.5°	18.7	9.3	9.3	0.0
-15°	18.7	9.3	9.3	0.0
-17.5°	18.7	9.3	9.3	0.0
-20°	18.7	9.3	9.3	0.0

REPORT NUMBER: P723646

CATALOG NUMBER: IFLD-S-SA6D-727-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	18.7	9.3	9.3	0.0
-25°	18.7	9.3	9.3	0.0
-27.5°	18.7	9.3	9.3	0.0
-30°	18.7	9.3	9.3	0.0
-32.5°	18.7	9.3	9.3	0.0
-35°	18.7	9.3	9.3	0.0
-37.5°	18.7	9.3	9.3	0.0
-40°	18.7	9.3	9.3	0.0
-42.5°	14.0	9.3	4.7	0.0
-45°	18.7	9.3	4.7	0.0
-47.5°	18.7	9.3	4.7	0.0
-50°	18.7	9.3	4.7	0.0
-52.5°	18.7	9.3	4.7	0.0
-55°	18.7	9.3	4.7	0.0
-57.5°	18.7	9.3	4.7	0.0
-60°	18.7	9.3	4.7	0.0
-62.5°	18.7	9.3	4.7	0.0
-65°	18.7	9.3	4.7	0.0
-67.5°	18.7	9.3	4.7	0.0
-70°	18.7	4.7	4.7	0.0
-72.5°	14.0	4.7	4.7	0.0
-75°	14.0	4.7	4.7	0.0
-77.5°	9.3	4.7	0.0	0.0
-80°	9.3	4.7	0.0	0.0
-82.5°	9.3	4.7	0.0	0.0
-85°	4.7	0.0	0.0	0.0
-87.5°	4.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)