

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: P723645

Luminaire Tested: **IFLD-S-SA6C-727-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723645
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6C-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:	18396.1 lumens	Max Intensity:	432796.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	57.2 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:	6671.2 lumens	Field Lumens:	10635.2 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

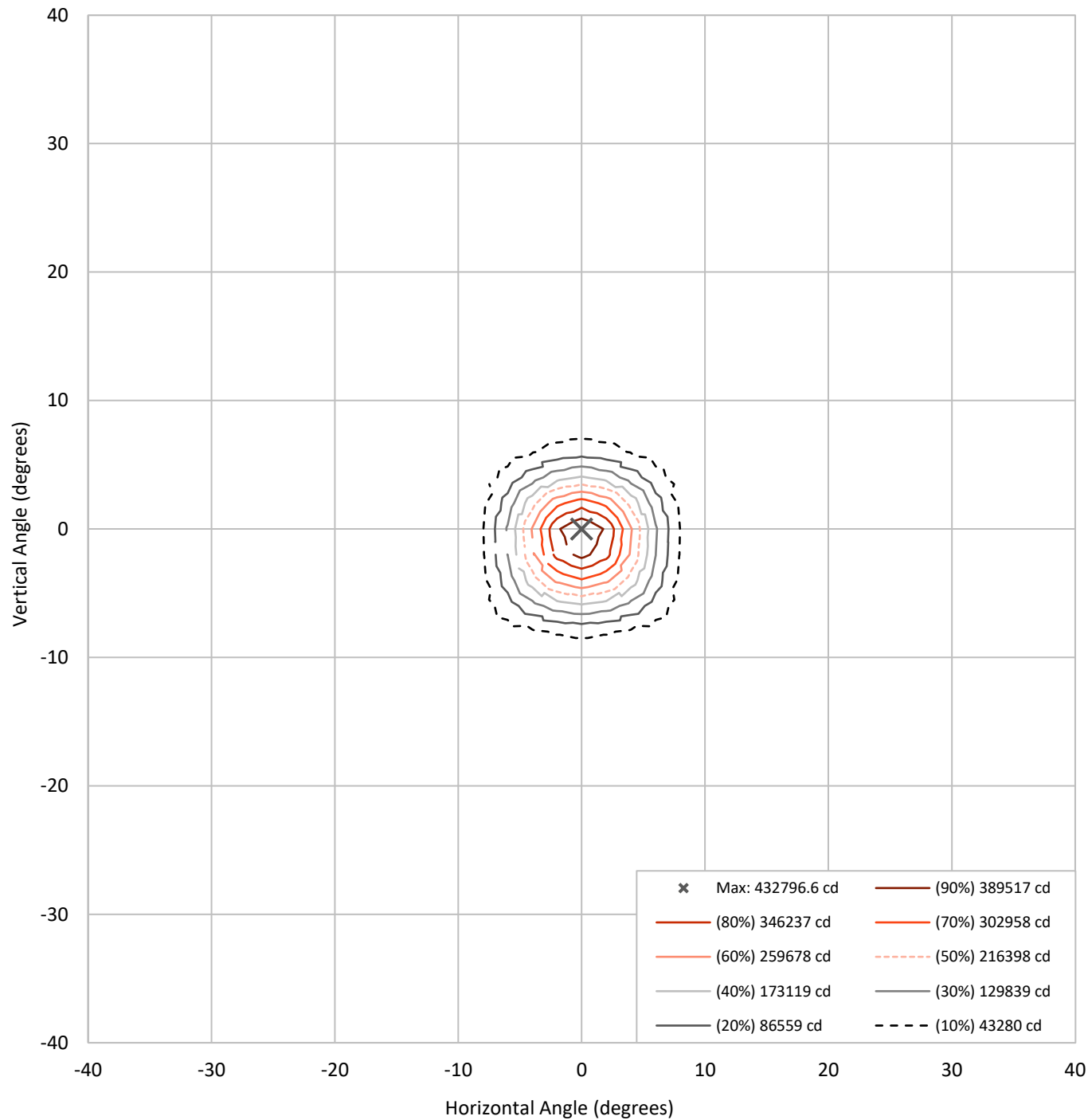
Input Watts (W): 321.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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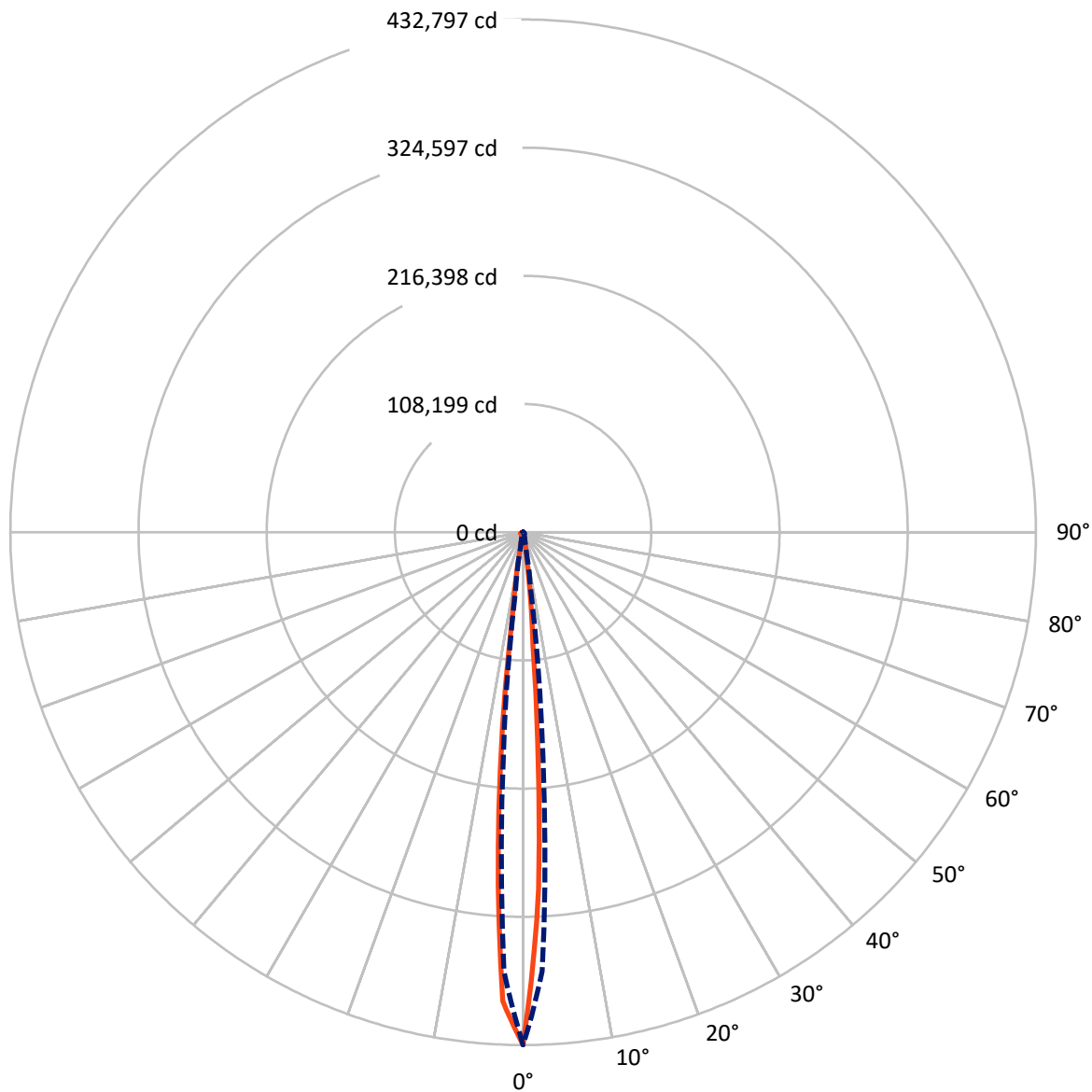
Lumen Table

90																				
80	0.3		4.1		4.4		1.7		0.5		1.7		4.4		4.1		0.3			
70	0.5		0.9	1.2	0.9	0.7	0.6	0.5	0.3	0.3	0.5	0.6	0.7	0.9	1.2	0.9	0.5			
60			0.6	0.8	2.2	4.7	7.7	10.0	11.4	11.4	10.0	7.7	4.7	2.2	0.8	0.6				
50	0.5		0.6	2.5	8.4	16.5	24.1	29.0	32.2	32.2	29.0	24.1	16.5	8.4	2.5	0.6	0.5			
40			1.2	6.4	17.2	28.0	32.9	35.5	36.7	36.7	35.5	32.9	28.0	17.2	6.4	1.2				
30	0.7		2.4	10.9	25.1	32.4	33.4	39.4	47.4	47.4	39.4	33.4	32.4	25.1	10.9	2.4	0.7			
20			3.7	15.3	30.8	34.6	39.0	68.5	116.8	116.8	68.5	39.0	34.6	30.8	15.3	3.7				
10	1.2		4.9	18.8	33.8	35.8	48.1	130.3	2415.0	2415.0	130.3	48.1	35.8	33.8	18.8	4.9	1.2			
0			5.7	20.5	35.5	37.2	49.8	140.4	3521.2	3521.2	140.4	49.8	37.2	35.5	20.5	5.7				
-10	1.8		6.1	21.1	37.4	40.2	44.9	81.6	156.6	156.6	81.6	44.9	40.2	37.4	21.1	6.1	1.8			
-20			5.7	20.0	37.9	45.1	45.2	52.9	64.5	64.5	52.9	45.2	45.1	37.9	20.0	5.7				
-30	1.9		5.1	17.7	36.2	49.7	54.1	56.3	56.8	56.8	56.3	54.1	49.7	36.2	17.7	5.1	1.9			
-40			4.5	14.2	30.7	47.9	58.2	65.3	68.4	68.4	65.3	58.2	47.9	30.7	14.2	4.5				
-50	1.5		4.0	11.0	23.8	40.8	54.8	63.7	67.4	67.4	63.7	54.8	40.8	23.8	11.0	4.0	1.5			
-60			3.7	9.7	19.4	34.1	48.0	58.0	62.7	62.7	58.0	48.0	34.1	19.4	9.7	3.7				
-70	0.7																0.7			
-80			11.4		33.9		62.8		69.3		62.8		33.9		11.4					
-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



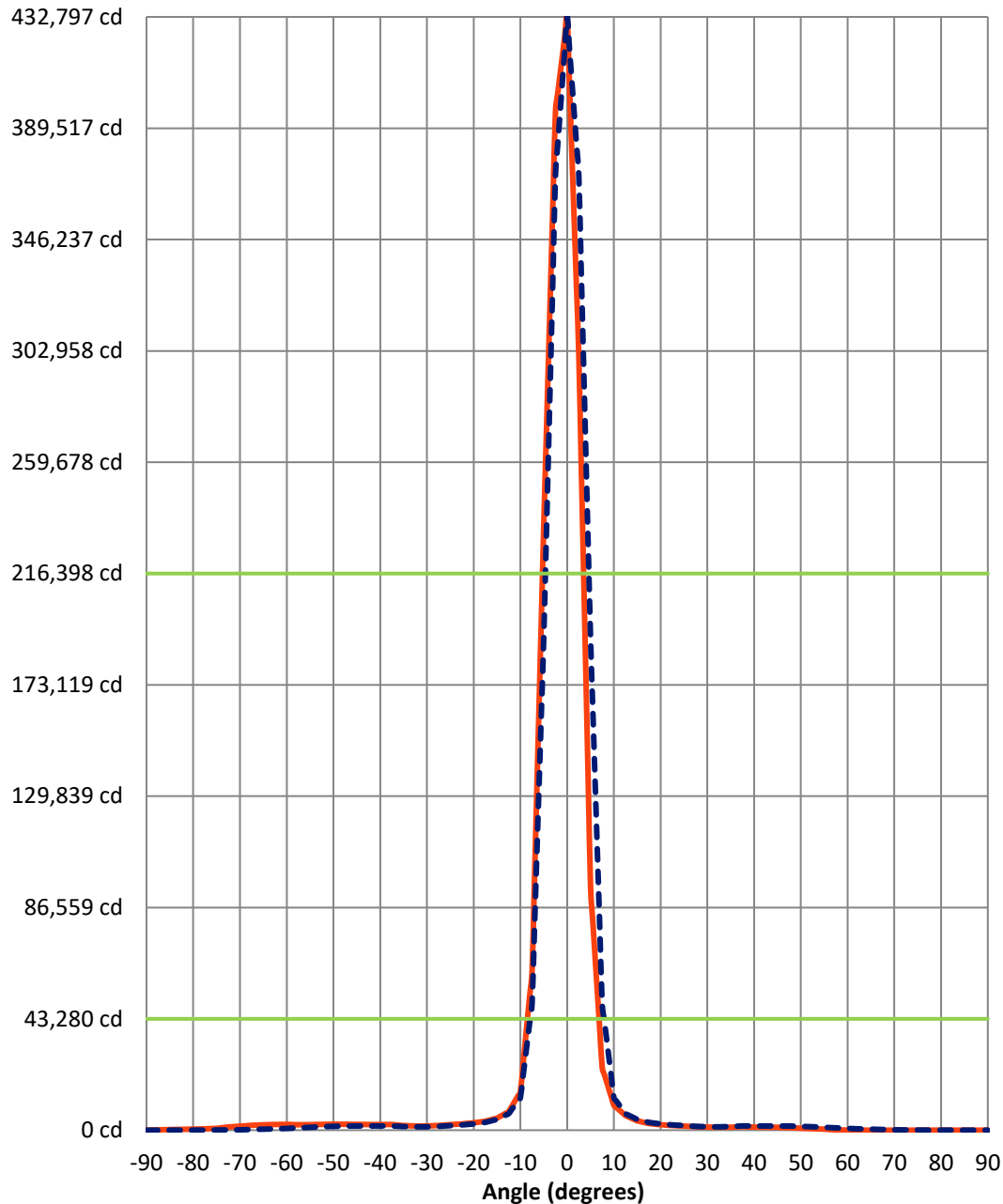
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°
V Angle: 8.8°
Lumens: 6671.2
Efficiency: 36.3%

Field:

H Angle: 15.8°
V Angle: 15.3°
Lumens: 10635.2
Efficiency: 57.8%

Spill:

Lumens: 7760.9
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	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
85°	0.0	4.2	4.2	8.5	8.5	8.5	12.7	17.0	21.2	21.2	25.5
82.5°	0.0	4.2	4.2	8.5	8.5	12.7	12.7	21.2	25.5	29.7	38.2
80°	4.2	4.2	4.2	8.5	8.5	12.7	12.7	17.0	21.2	29.7	34.0
77.5°	0.0	4.2	4.2	4.2	8.5	8.5	8.5	12.7	17.0	21.2	25.5
75°	0.0	4.2	4.2	4.2	8.5	8.5	8.5	8.5	12.7	12.7	17.0
72.5°	0.0	0.0	0.0	4.2	4.2	8.5	8.5	8.5	12.7	12.7	12.7
70°	0.0	0.0	0.0	4.2	4.2	8.5	8.5	8.5	12.7	12.7	12.7
67.5°	0.0	0.0	0.0	4.2	4.2	8.5	8.5	8.5	12.7	12.7	12.7
65°	0.0	0.0	0.0	4.2	4.2	8.5	8.5	12.7	12.7	12.7	12.7
62.5°	4.2	4.2	4.2	8.5	12.7	12.7	17.0	21.2	21.2	21.2	21.2
60°	42.5	46.7	51.0	51.0	46.7	46.7	51.0	51.0	51.0	51.0	51.0
57.5°	114.7	123.2	127.4	127.4	127.4	123.2	140.1	144.4	127.4	118.9	131.6
55°	399.2	411.9	403.4	390.7	365.2	335.5	327.0	322.7	327.0	305.8	271.8
52.5°	581.8	594.5	590.3	581.8	564.8	543.6	526.6	509.6	492.6	458.6	420.4
50°	755.9	760.2	755.9	747.4	730.4	709.2	675.2	637.0	603.0	594.5	560.6
47.5°	951.3	964.0	964.0	959.8	947.0	908.8	857.8	802.6	777.1	768.6	734.7
45°	1125.4	1133.9	1138.1	1142.4	1138.1	1099.9	1053.2	1023.5	968.2	951.3	951.3
42.5°	1172.1	1176.3	1180.6	1184.8	1197.6	1167.8	1129.6	1078.7	1065.9	1061.7	1053.2
40°	1189.1	1180.6	1184.8	1189.1	1193.3	1172.1	1142.4	1112.6	1104.1	1095.6	1095.6
37.5°	1350.4	1312.2	1282.5	1257.0	1235.8	1214.6	1184.8	1159.3	1138.1	1121.1	1138.1
35°	1150.9	1150.9	1180.6	1206.1	1231.5	1257.0	1261.3	1231.5	1184.8	1163.6	1193.3
32.5°	1176.3	1176.3	1176.3	1184.8	1193.3	1214.6	1235.8	1248.5	1282.5	1244.3	1244.3
30°	1201.8	1206.1	1214.6	1218.8	1206.1	1197.6	1189.1	1189.1	1210.3	1265.5	1295.2
27.5°	1350.4	1350.4	1337.7	1320.7	1282.5	1223.0	1193.3	1150.9	1155.1	1180.6	1252.8
25°	1592.5	1584.0	1554.3	1511.8	1443.9	1358.9	1278.3	1189.1	1150.9	1138.1	1167.8
22.5°	1821.8	1809.1	1770.9	1732.6	1677.4	1592.5	1456.6	1320.7	1201.8	1150.9	1138.1
20°	2114.8	2085.1	2042.7	1983.2	1894.0	1809.1	1690.2	1511.8	1337.7	1206.1	1155.1
17.5°	2586.2	2548.0	2467.3	2361.2	2208.3	2076.6	1906.8	1736.9	1541.5	1329.2	1214.6
15°	3618.2	3520.5	3380.4	3087.3	2785.8	2535.3	2280.5	1995.9	1796.3	1516.1	1342.0
12.5°	5690.6	5423.0	5015.3	4331.6	3656.4	3074.6	2662.7	2297.5	1974.7	1715.7	1469.4
10°	9631.5	9058.2	7932.8	6064.3	4820.0	3749.8	3010.9	2522.5	2114.8	1847.3	1575.5
7.5°	24359.0	19870.2	14060.8	9601.8	6306.3	4582.2	3444.1	2734.9	2263.5	1932.2	1660.5
5°	94938.9	78206.9	41719.4	17411.4	9487.1	5541.9	3834.8	2904.7	2361.2	1995.9	1724.2
2.5°	301306.5	260198.6	136513.9	37481.2	11648.7	6242.6	4102.3	3010.9	2416.4	2042.7	1770.9
0°	432796.6	370922.4	191589.2	49295.5	12633.9	6421.0	4187.2	3032.1	2424.9	2051.1	1770.9
-2.5°	395935.3	346520.9	185074.7	45872.7	12909.9	6471.9	4255.2	3104.3	2488.6	2089.4	1783.6
-5°	235262.1	206359.1	129103.4	32708.0	11470.3	6009.1	4076.8	3040.6	2446.1	2068.1	1775.1
-7.5°	61984.6	53661.1	35298.4	17067.4	7423.2	5083.3	3745.6	2934.5	2390.9	2029.9	1741.1
-10°	14944.1	14162.7	12650.9	7754.4	5779.7	4246.7	3320.9	2743.4	2280.5	1979.0	1685.9
-12.5°	7206.6	7036.8	6387.0	5265.9	4289.2	3529.0	3006.7	2543.8	2178.5	1889.8	1609.5
-15°	4688.3	4590.7	4369.8	3940.9	3444.1	3078.8	2713.6	2339.9	2051.1	1758.1	1545.8
-17.5°	3469.5	3465.3	3354.9	3193.5	2947.2	2675.4	2407.9	2170.1	1889.8	1639.2	1477.8
-20°	2875.0	2875.0	2811.3	2705.1	2531.0	2352.7	2174.3	1953.5	1724.2	1537.3	1469.4

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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°	2441.8	2446.1	2412.1	2344.2	2250.7	2102.1	1928.0	1749.6	1584.0	1516.1	1494.8
-25°	2161.6	2153.1	2114.8	2051.1	1953.5	1834.6	1719.9	1601.0	1554.3	1537.3	1567.0
-27.5°	1830.3	1843.1	1826.1	1796.3	1732.6	1647.7	1622.2	1588.3	1596.8	1622.2	1736.9
-30°	1635.0	1647.7	1664.7	1677.4	1656.2	1635.0	1643.5	1668.9	1724.2	1821.8	1864.3
-32.5°	1635.0	1639.2	1664.7	1690.2	1702.9	1719.9	1766.6	1851.6	1932.2	1906.8	1898.3
-35°	1783.6	1770.9	1804.8	1838.8	1885.5	1945.0	1995.9	1979.0	1949.2	1940.7	1949.2
-37.5°	2208.3	2127.6	2093.6	2072.4	2059.6	2051.1	2038.4	2025.7	2012.9	2004.4	2017.2
-40°	2204.0	2182.8	2161.6	2144.6	2131.8	2114.8	2106.4	2102.1	2089.4	2080.9	2072.4
-42.5°	2195.5	2204.0	2204.0	2199.8	2204.0	2199.8	2187.0	2170.1	2148.8	2131.8	2114.8
-45°	2259.2	2263.5	2272.0	2280.5	2293.2	2276.2	2250.7	2221.0	2191.3	2165.8	2144.6
-47.5°	2297.5	2301.7	2310.2	2322.9	2331.4	2314.4	2280.5	2242.2	2195.5	2153.1	2110.6
-50°	2310.2	2322.9	2327.2	2327.2	2322.9	2301.7	2250.7	2195.5	2144.6	2102.1	2063.9
-52.5°	2250.7	2263.5	2267.7	2259.2	2255.0	2233.8	2187.0	2136.1	2080.9	2051.1	2017.2
-55°	2153.1	2170.1	2182.8	2182.8	2182.8	2178.5	2136.1	2089.4	2046.9	2012.9	1979.0
-57.5°	2114.8	2144.6	2170.1	2174.3	2178.5	2182.8	2153.1	2106.4	2055.4	2004.4	1962.0
-60°	2255.0	2280.5	2293.2	2276.2	2263.5	2250.7	2204.0	2148.8	2097.9	2046.9	1966.2
-62.5°	2216.8	2259.2	2280.5	2267.7	2250.7	2229.5	2178.5	2114.8	2055.4	2000.2	1919.5
-65°	2093.6	2131.8	2157.3	2136.1	2110.6	2080.9	2034.2	1974.7	1919.5	1864.3	1792.1
-67.5°	1885.5	1940.7	1983.2	1936.5	1902.5	1864.3	1826.1	1775.1	1719.9	1656.2	1588.3
-70°	1558.5	1601.0	1639.2	1626.5	1618.0	1609.5	1584.0	1533.1	1486.3	1435.4	1375.9
-72.5°	1252.8	1291.0	1325.0	1303.7	1286.7	1261.3	1223.0	1167.8	1112.6	1057.4	1002.2
-75°	692.2	704.9	717.7	713.4	713.4	713.4	713.4	717.7	709.2	696.5	671.0
-77.5°	530.8	547.8	560.6	569.1	581.8	598.8	611.5	590.3	569.1	547.8	522.3
-80°	416.2	433.2	445.9	492.6	526.6	564.8	590.3	560.6	530.8	505.4	484.1
-82.5°	314.3	327.0	339.7	365.2	382.2	403.4	420.4	420.4	416.2	411.9	399.2
-85°	229.3	246.3	263.3	271.8	284.5	284.5	288.8	271.8	254.8	242.1	225.1
-87.5°	131.6	135.9	135.9	135.9	140.1	140.1	140.1	131.6	127.4	118.9	114.7
-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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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°	4.2	4.2	4.2	8.5	8.5	12.7	12.7	17.0	17.0	21.2	21.2
85°	25.5	25.5	25.5	29.7	29.7	34.0	38.2	42.5	46.7	46.7	51.0
82.5°	42.5	46.7	51.0	55.2	59.5	63.7	67.9	72.2	84.9	93.4	97.7
80°	42.5	46.7	59.5	67.9	76.4	84.9	84.9	84.9	84.9	89.2	97.7
77.5°	29.7	34.0	38.2	46.7	67.9	84.9	97.7	106.2	97.7	93.4	84.9
75°	17.0	21.2	25.5	29.7	42.5	59.5	80.7	101.9	118.9	114.7	106.2
72.5°	17.0	17.0	21.2	25.5	29.7	34.0	38.2	59.5	84.9	106.2	118.9
70°	17.0	21.2	21.2	25.5	29.7	34.0	38.2	46.7	59.5	84.9	110.4
67.5°	17.0	21.2	21.2	29.7	38.2	42.5	46.7	42.5	38.2	55.2	80.7
65°	17.0	17.0	21.2	25.5	29.7	34.0	46.7	46.7	42.5	42.5	42.5
62.5°	25.5	25.5	25.5	25.5	29.7	29.7	29.7	38.2	38.2	38.2	38.2
60°	51.0	46.7	46.7	46.7	46.7	38.2	38.2	38.2	34.0	38.2	34.0
57.5°	123.2	101.9	93.4	93.4	80.7	76.4	63.7	46.7	46.7	38.2	38.2
55°	250.6	237.8	199.6	165.6	148.6	131.6	101.9	84.9	63.7	51.0	46.7
52.5°	386.4	352.5	318.5	276.0	233.6	199.6	169.9	131.6	106.2	76.4	59.5
50°	505.4	475.6	437.4	390.7	335.5	293.0	250.6	199.6	157.1	118.9	84.9
47.5°	688.0	628.5	581.8	526.6	462.9	403.4	348.2	288.8	220.8	174.1	131.6
45°	883.3	798.4	734.7	683.7	598.8	518.1	454.4	390.7	310.0	229.3	178.4
42.5°	1019.2	955.5	870.6	802.6	726.2	641.2	556.3	488.4	403.4	310.0	229.3
40°	1091.4	1048.9	981.0	921.5	840.8	747.4	658.2	590.3	501.1	399.2	288.8
37.5°	1146.6	1125.4	1091.4	1044.7	968.2	857.8	768.6	688.0	611.5	492.6	373.7
35°	1210.3	1206.1	1184.8	1163.6	1099.9	993.7	887.6	794.1	700.7	590.3	458.6
32.5°	1269.8	1265.5	1252.8	1244.3	1218.8	1125.4	1010.7	904.5	798.4	683.7	539.3
30°	1299.5	1291.0	1291.0	1299.5	1274.0	1214.6	1129.6	1015.0	896.1	760.2	624.3
27.5°	1299.5	1291.0	1295.2	1308.0	1303.7	1274.0	1210.3	1116.9	985.2	832.4	700.7
25°	1244.3	1286.7	1286.7	1303.7	1308.0	1299.5	1265.5	1206.1	1070.2	908.8	760.2
22.5°	1167.8	1269.8	1308.0	1303.7	1308.0	1329.2	1333.5	1278.3	1150.9	985.2	819.6
20°	1167.8	1240.0	1350.4	1320.7	1329.2	1375.9	1397.2	1350.4	1235.8	1057.4	879.1
17.5°	1193.3	1240.0	1333.5	1380.2	1392.9	1431.1	1465.1	1435.4	1312.2	1133.9	959.8
15°	1265.5	1257.0	1320.7	1435.4	1456.6	1486.3	1524.6	1490.6	1380.2	1218.8	1036.2
12.5°	1316.5	1269.8	1320.7	1443.9	1511.8	1541.5	1554.3	1528.8	1439.6	1295.2	1112.6
10°	1384.4	1303.7	1329.2	1435.4	1533.1	1554.3	1567.0	1558.5	1494.8	1358.9	1180.6
7.5°	1435.4	1320.7	1320.7	1422.6	1554.3	1571.3	1579.8	1588.3	1541.5	1414.1	1240.0
5°	1456.6	1320.7	1312.2	1409.9	1575.5	1592.5	1592.5	1605.2	1575.5	1456.6	1282.5
2.5°	1460.9	1316.5	1303.7	1401.4	1613.7	1613.7	1605.2	1618.0	1601.0	1482.1	1312.2
0°	1482.1	1312.2	1299.5	1414.1	1656.2	1639.2	1618.0	1622.2	1613.7	1494.8	1329.2
-2.5°	1482.1	1333.5	1316.5	1422.6	1652.0	1647.7	1639.2	1643.5	1635.0	1533.1	1363.2
-5°	1503.3	1363.2	1346.2	1460.9	1647.7	1660.5	1664.7	1664.7	1652.0	1558.5	1384.4
-7.5°	1507.6	1384.4	1380.2	1499.1	1656.2	1677.4	1690.2	1698.7	1673.2	1575.5	1401.4
-10°	1486.3	1392.9	1414.1	1545.8	1664.7	1694.4	1719.9	1732.6	1690.2	1584.0	1409.9
-12.5°	1439.6	1392.9	1448.1	1605.2	1685.9	1719.9	1758.1	1762.4	1707.2	1588.3	1414.1
-15°	1435.4	1426.9	1507.6	1664.7	1698.7	1741.1	1800.6	1787.9	1719.9	1588.3	1414.1
-17.5°	1431.1	1473.6	1596.8	1685.9	1719.9	1766.6	1813.3	1800.6	1728.4	1588.3	1405.7
-20°	1469.4	1550.0	1702.9	1707.2	1745.4	1796.3	1821.8	1796.3	1715.7	1575.5	1392.9

REPORT NUMBER: P723645

CATALOG NUMBER: IFLD-S-SA6C-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°	1533.1	1685.9	1736.9	1753.9	1787.9	1826.1	1838.8	1800.6	1702.9	1554.3	1371.7
-25°	1694.4	1770.9	1770.9	1809.1	1843.1	1860.0	1847.3	1804.8	1685.9	1533.1	1350.4
-27.5°	1817.6	1813.3	1834.6	1872.8	1902.5	1902.5	1868.5	1783.6	1660.5	1511.8	1320.7
-30°	1864.3	1868.5	1898.3	1940.7	1949.2	1928.0	1877.0	1766.6	1639.2	1477.8	1282.5
-32.5°	1911.0	1928.0	1966.2	1987.4	1991.7	1949.2	1855.8	1736.9	1605.2	1439.6	1240.0
-35°	1966.2	2000.2	2021.4	2025.7	2004.4	1932.2	1826.1	1698.7	1554.3	1384.4	1201.8
-37.5°	2038.4	2055.4	2068.1	2051.1	1991.7	1906.8	1775.1	1647.7	1507.6	1325.0	1146.6
-40°	2085.1	2093.6	2097.9	2042.7	1970.5	1847.3	1719.9	1588.3	1426.9	1257.0	1087.2
-42.5°	2114.8	2106.4	2072.4	2012.9	1906.8	1787.9	1664.7	1516.1	1354.7	1189.1	1023.5
-45°	2106.4	2076.6	2025.7	1953.5	1843.1	1724.2	1579.8	1431.1	1278.3	1116.9	951.3
-47.5°	2072.4	2025.7	1962.0	1877.0	1775.1	1630.7	1486.3	1342.0	1193.3	1036.2	883.3
-50°	2029.9	1974.7	1898.3	1792.1	1656.2	1524.6	1392.9	1252.8	1099.9	955.5	819.6
-52.5°	1983.2	1923.7	1826.1	1707.2	1558.5	1422.6	1295.2	1159.3	1019.2	883.3	764.4
-55°	1932.2	1872.8	1762.4	1626.5	1477.8	1329.2	1206.1	1091.4	955.5	823.9	717.7
-57.5°	1906.8	1830.3	1715.7	1579.8	1422.6	1269.8	1163.6	1040.4	917.3	781.4	679.5
-60°	1885.5	1809.1	1702.9	1545.8	1397.2	1252.8	1129.6	1010.7	879.1	751.7	649.7
-62.5°	1826.1	1745.4	1647.7	1494.8	1350.4	1218.8	1108.4	968.2	840.8	721.9	628.5
-65°	1707.2	1622.2	1537.3	1401.4	1269.8	1146.6	1036.2	908.8	789.9	688.0	607.3
-67.5°	1520.3	1448.1	1371.7	1257.0	1146.6	1036.2	934.3	823.9	726.2	654.0	611.5
-70°	1312.2	1235.8	1159.3	1065.9	972.5	883.3	802.6	721.9	658.2	620.0	586.0
-72.5°	955.5	921.5	883.3	811.1	734.7	679.5	641.2	607.3	560.6	526.6	505.4
-75°	637.0	590.3	530.8	505.4	509.6	501.1	479.9	454.4	433.2	420.4	390.7
-77.5°	496.9	471.4	441.7	411.9	399.2	386.4	369.5	348.2	331.2	301.5	259.0
-80°	458.6	437.4	416.2	394.9	373.7	344.0	310.0	276.0	259.0	246.3	242.1
-82.5°	378.0	352.5	327.0	305.8	276.0	254.8	233.6	216.6	216.6	212.3	208.1
-85°	216.6	208.1	195.3	186.9	178.4	165.6	152.9	144.4	140.1	135.9	131.6
-87.5°	110.4	106.2	97.7	93.4	89.2	84.9	76.4	72.2	67.9	67.9	63.7
-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-SA6C-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°	21.2	21.2	17.0	17.0	17.0	12.7	8.5	8.5	4.2	4.2	0.0
85°	51.0	42.5	38.2	34.0	34.0	25.5	17.0	12.7	8.5	4.2	4.2
82.5°	97.7	84.9	72.2	63.7	51.0	38.2	29.7	21.2	12.7	8.5	4.2
80°	110.4	110.4	106.2	89.2	72.2	55.2	38.2	25.5	17.0	12.7	8.5
77.5°	84.9	93.4	93.4	93.4	89.2	67.9	46.7	29.7	17.0	12.7	8.5
75°	97.7	84.9	80.7	84.9	80.7	67.9	55.2	34.0	21.2	17.0	8.5
72.5°	118.9	101.9	89.2	84.9	76.4	63.7	51.0	38.2	21.2	17.0	12.7
70°	110.4	106.2	97.7	89.2	76.4	63.7	51.0	38.2	25.5	17.0	12.7
67.5°	97.7	97.7	97.7	89.2	76.4	59.5	46.7	34.0	25.5	17.0	12.7
65°	67.9	80.7	89.2	84.9	76.4	59.5	46.7	34.0	25.5	21.2	12.7
62.5°	42.5	55.2	72.2	80.7	72.2	59.5	42.5	34.0	25.5	21.2	12.7
60°	38.2	42.5	51.0	63.7	67.9	55.2	42.5	29.7	25.5	21.2	12.7
57.5°	38.2	38.2	42.5	51.0	55.2	51.0	38.2	25.5	25.5	21.2	17.0
55°	42.5	38.2	38.2	42.5	46.7	46.7	38.2	25.5	25.5	21.2	17.0
52.5°	51.0	42.5	38.2	38.2	38.2	42.5	34.0	25.5	25.5	21.2	17.0
50°	63.7	51.0	46.7	38.2	38.2	38.2	34.0	25.5	21.2	21.2	17.0
47.5°	84.9	67.9	51.0	46.7	38.2	34.0	29.7	25.5	21.2	21.2	17.0
45°	127.4	80.7	67.9	51.0	42.5	38.2	34.0	25.5	21.2	21.2	17.0
42.5°	174.1	118.9	84.9	59.5	46.7	38.2	34.0	29.7	21.2	21.2	17.0
40°	220.8	161.4	106.2	76.4	55.2	42.5	34.0	29.7	25.5	21.2	17.0
37.5°	271.8	199.6	140.1	97.7	63.7	46.7	38.2	29.7	25.5	21.2	17.0
35°	335.5	250.6	174.1	118.9	76.4	55.2	42.5	29.7	25.5	21.2	17.0
32.5°	407.7	297.3	208.1	144.4	97.7	67.9	46.7	34.0	25.5	21.2	17.0
30°	475.6	352.5	246.3	174.1	118.9	76.4	51.0	34.0	25.5	21.2	12.7
27.5°	543.6	407.7	293.0	203.8	144.4	89.2	55.2	38.2	25.5	21.2	17.0
25°	611.5	462.9	339.7	233.6	165.6	106.2	67.9	42.5	25.5	21.2	17.0
22.5°	671.0	518.1	382.2	267.5	191.1	123.2	76.4	46.7	29.7	21.2	17.0
20°	738.9	577.5	428.9	305.8	212.3	140.1	84.9	51.0	29.7	21.2	17.0
17.5°	802.6	637.0	475.6	339.7	237.8	157.1	97.7	55.2	34.0	21.2	17.0
15°	866.3	692.2	518.1	373.7	263.3	174.1	106.2	59.5	38.2	21.2	17.0
12.5°	925.8	743.2	556.3	403.4	284.5	191.1	114.7	63.7	42.5	21.2	17.0
10°	981.0	789.9	594.5	428.9	305.8	203.8	123.2	72.2	46.7	21.2	17.0
7.5°	1036.2	828.1	624.3	454.4	331.2	220.8	131.6	76.4	51.0	25.5	17.0
5°	1070.2	862.1	649.7	475.6	352.5	237.8	140.1	80.7	55.2	25.5	17.0
2.5°	1099.9	887.6	666.7	496.9	373.7	250.6	140.1	84.9	59.5	25.5	17.0
0°	1116.9	904.5	679.5	509.6	390.7	259.0	144.4	89.2	63.7	25.5	17.0
-2.5°	1155.1	934.3	709.2	526.6	407.7	284.5	152.9	93.4	67.9	29.7	17.0
-5°	1180.6	951.3	730.4	543.6	420.4	310.0	165.6	101.9	76.4	38.2	21.2
-7.5°	1201.8	968.2	747.4	552.1	433.2	318.5	169.9	106.2	80.7	42.5	21.2
-10°	1206.1	976.7	760.2	564.8	441.7	331.2	174.1	110.4	84.9	46.7	21.2
-12.5°	1210.3	985.2	764.4	573.3	450.1	339.7	178.4	114.7	89.2	51.0	21.2
-15°	1206.1	981.0	764.4	581.8	454.4	331.2	186.9	118.9	93.4	55.2	21.2
-17.5°	1197.6	976.7	760.2	577.5	450.1	322.7	191.1	127.4	93.4	59.5	25.5
-20°	1184.8	964.0	751.7	573.3	445.9	314.3	195.3	131.6	97.7	59.5	25.5

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CATALOG NUMBER: IFLD-S-SA6C-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°	1163.6	942.8	734.7	560.6	437.4	305.8	195.3	140.1	101.9	59.5	25.5
-25°	1138.1	921.5	717.7	543.6	424.7	293.0	195.3	144.4	106.2	59.5	25.5
-27.5°	1108.4	900.3	692.2	530.8	407.7	284.5	195.3	148.6	110.4	59.5	25.5
-30°	1074.4	870.6	671.0	509.6	394.9	284.5	199.6	152.9	114.7	59.5	25.5
-32.5°	1040.4	840.8	645.5	492.6	378.0	280.3	199.6	157.1	118.9	55.2	29.7
-35°	1002.2	806.9	624.3	479.9	365.2	271.8	203.8	157.1	114.7	55.2	29.7
-37.5°	955.5	764.4	603.0	467.1	356.7	263.3	203.8	161.4	110.4	55.2	29.7
-40°	904.5	730.4	577.5	450.1	344.0	259.0	203.8	161.4	106.2	55.2	34.0
-42.5°	849.3	692.2	552.1	433.2	331.2	254.8	203.8	161.4	101.9	55.2	34.0
-45°	798.4	654.0	522.3	411.9	318.5	254.8	203.8	157.1	93.4	59.5	34.0
-47.5°	743.2	611.5	488.4	390.7	314.3	250.6	199.6	148.6	84.9	59.5	34.0
-50°	696.5	569.1	462.9	369.5	305.8	254.8	203.8	135.9	84.9	59.5	34.0
-52.5°	649.7	539.3	433.2	361.0	297.3	259.0	199.6	127.4	84.9	59.5	34.0
-55°	611.5	509.6	416.2	348.2	305.8	267.5	191.1	114.7	84.9	59.5	34.0
-57.5°	581.8	492.6	403.4	352.5	318.5	259.0	178.4	110.4	84.9	55.2	34.0
-60°	560.6	475.6	407.7	369.5	322.7	246.3	169.9	110.4	84.9	55.2	29.7
-62.5°	543.6	479.9	428.9	382.2	305.8	229.3	161.4	110.4	76.4	51.0	29.7
-65°	547.8	496.9	437.4	365.2	293.0	212.3	148.6	106.2	72.2	46.7	29.7
-67.5°	560.6	484.1	411.9	344.0	263.3	191.1	135.9	97.7	67.9	46.7	29.7
-70°	518.1	445.9	373.7	293.0	225.1	165.6	127.4	89.2	59.5	42.5	29.7
-72.5°	467.1	373.7	297.3	237.8	191.1	152.9	114.7	80.7	55.2	38.2	25.5
-75°	339.7	271.8	220.8	199.6	169.9	135.9	101.9	72.2	51.0	38.2	25.5
-77.5°	242.1	225.1	203.8	182.6	152.9	118.9	89.2	67.9	46.7	34.0	21.2
-80°	237.8	216.6	191.1	157.1	127.4	101.9	76.4	59.5	42.5	29.7	17.0
-82.5°	199.6	169.9	144.4	118.9	97.7	80.7	63.7	46.7	34.0	21.2	12.7
-85°	123.2	106.2	93.4	80.7	67.9	55.2	42.5	29.7	21.2	12.7	8.5
-87.5°	59.5	55.2	46.7	38.2	34.0	25.5	21.2	17.0	12.7	8.5	4.2
-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: P723645

CATALOG NUMBER: IFLD-S-SA6C-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°	4.2	0.0	0.0	0.0
80°	4.2	0.0	0.0	0.0
77.5°	4.2	0.0	0.0	0.0
75°	4.2	4.2	0.0	0.0
72.5°	4.2	4.2	0.0	0.0
70°	8.5	4.2	4.2	0.0
67.5°	8.5	4.2	4.2	0.0
65°	8.5	4.2	4.2	0.0
62.5°	8.5	4.2	4.2	0.0
60°	8.5	4.2	4.2	0.0
57.5°	8.5	4.2	4.2	0.0
55°	8.5	4.2	4.2	0.0
52.5°	8.5	4.2	4.2	0.0
50°	8.5	4.2	4.2	0.0
47.5°	8.5	8.5	4.2	0.0
45°	8.5	8.5	4.2	0.0
42.5°	8.5	8.5	4.2	0.0
40°	8.5	8.5	4.2	0.0
37.5°	8.5	8.5	4.2	0.0
35°	8.5	8.5	4.2	0.0
32.5°	12.7	8.5	4.2	0.0
30°	12.7	8.5	8.5	0.0
27.5°	12.7	8.5	8.5	0.0
25°	12.7	8.5	8.5	0.0
22.5°	12.7	8.5	8.5	0.0
20°	12.7	8.5	8.5	0.0
17.5°	12.7	8.5	8.5	0.0
15°	12.7	8.5	8.5	0.0
12.5°	12.7	8.5	8.5	0.0
10°	12.7	8.5	8.5	0.0
7.5°	12.7	8.5	8.5	0.0
5°	12.7	8.5	8.5	0.0
2.5°	12.7	8.5	8.5	0.0
0°	12.7	8.5	8.5	0.0
-2.5°	12.7	8.5	8.5	0.0
-5°	12.7	8.5	8.5	0.0
-7.5°	12.7	8.5	8.5	0.0
-10°	12.7	8.5	8.5	0.0
-12.5°	17.0	8.5	8.5	0.0
-15°	17.0	8.5	8.5	0.0
-17.5°	17.0	8.5	8.5	0.0
-20°	17.0	8.5	8.5	0.0

REPORT NUMBER: P723645

CATALOG NUMBER: IFLD-S-SA6C-727-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	17.0	8.5	8.5	0.0
-25°	17.0	8.5	8.5	0.0
-27.5°	17.0	8.5	8.5	0.0
-30°	17.0	8.5	8.5	0.0
-32.5°	17.0	8.5	8.5	0.0
-35°	17.0	8.5	8.5	0.0
-37.5°	17.0	8.5	8.5	0.0
-40°	17.0	8.5	8.5	0.0
-42.5°	12.7	8.5	4.2	0.0
-45°	17.0	8.5	4.2	0.0
-47.5°	17.0	8.5	4.2	0.0
-50°	17.0	8.5	4.2	0.0
-52.5°	17.0	8.5	4.2	0.0
-55°	17.0	8.5	4.2	0.0
-57.5°	17.0	8.5	4.2	0.0
-60°	17.0	8.5	4.2	0.0
-62.5°	17.0	8.5	4.2	0.0
-65°	17.0	8.5	4.2	0.0
-67.5°	17.0	8.5	4.2	0.0
-70°	17.0	4.2	4.2	0.0
-72.5°	12.7	4.2	4.2	0.0
-75°	12.7	4.2	4.2	0.0
-77.5°	8.5	4.2	0.0	0.0
-80°	8.5	4.2	0.0	0.0
-82.5°	8.5	4.2	0.0	0.0
-85°	4.2	0.0	0.0	0.0
-87.5°	4.2	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)