

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: P723710

Luminaire Tested: **IFLD-M-SA4E-735-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723710
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4E-735-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (64) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	18903.7 lumens	Max Intensity:	444738.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	60.0 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' 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:	6855.3 lumens	Field Lumens:	10928.6 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

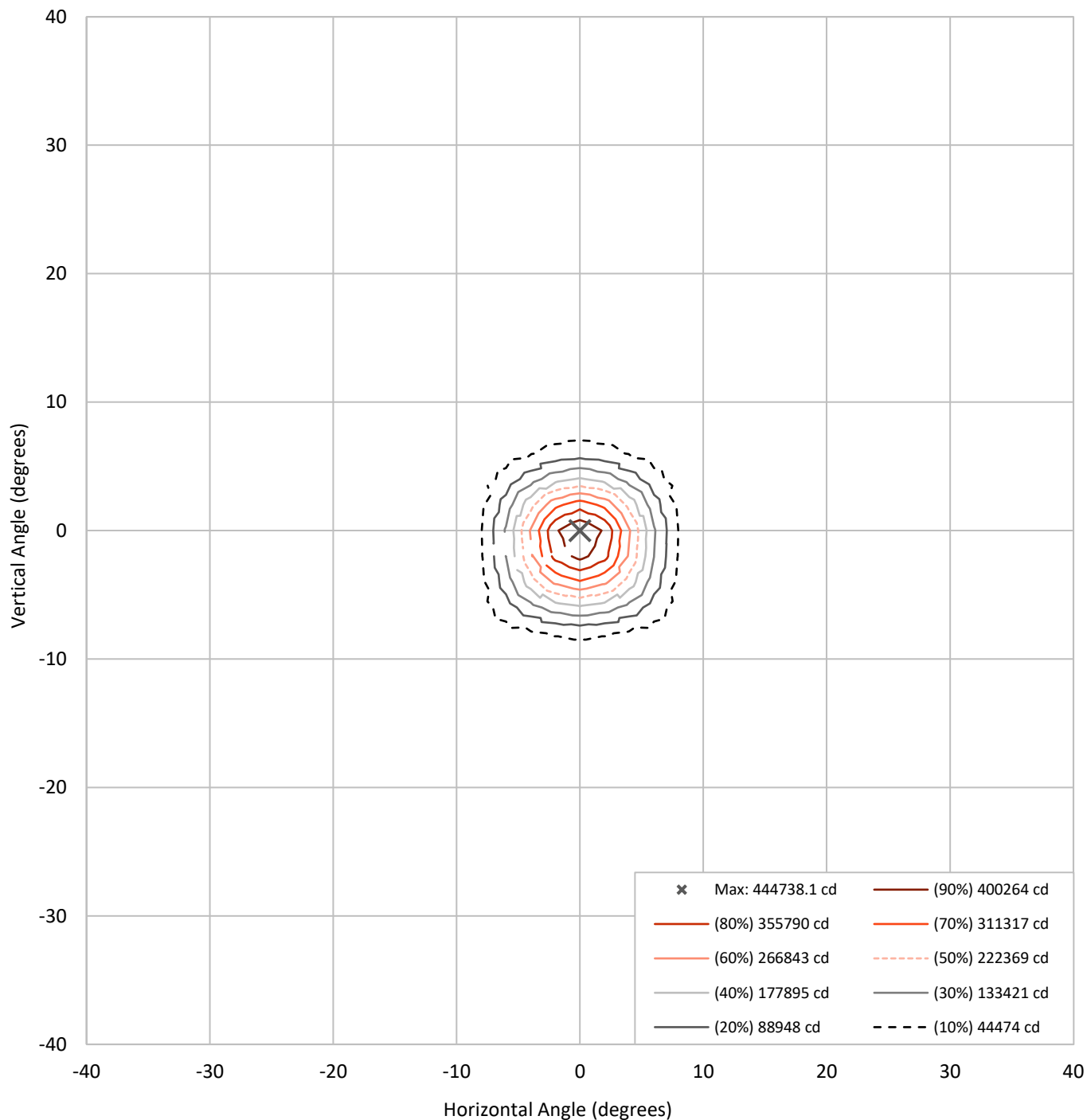
Input Watts (W): 314.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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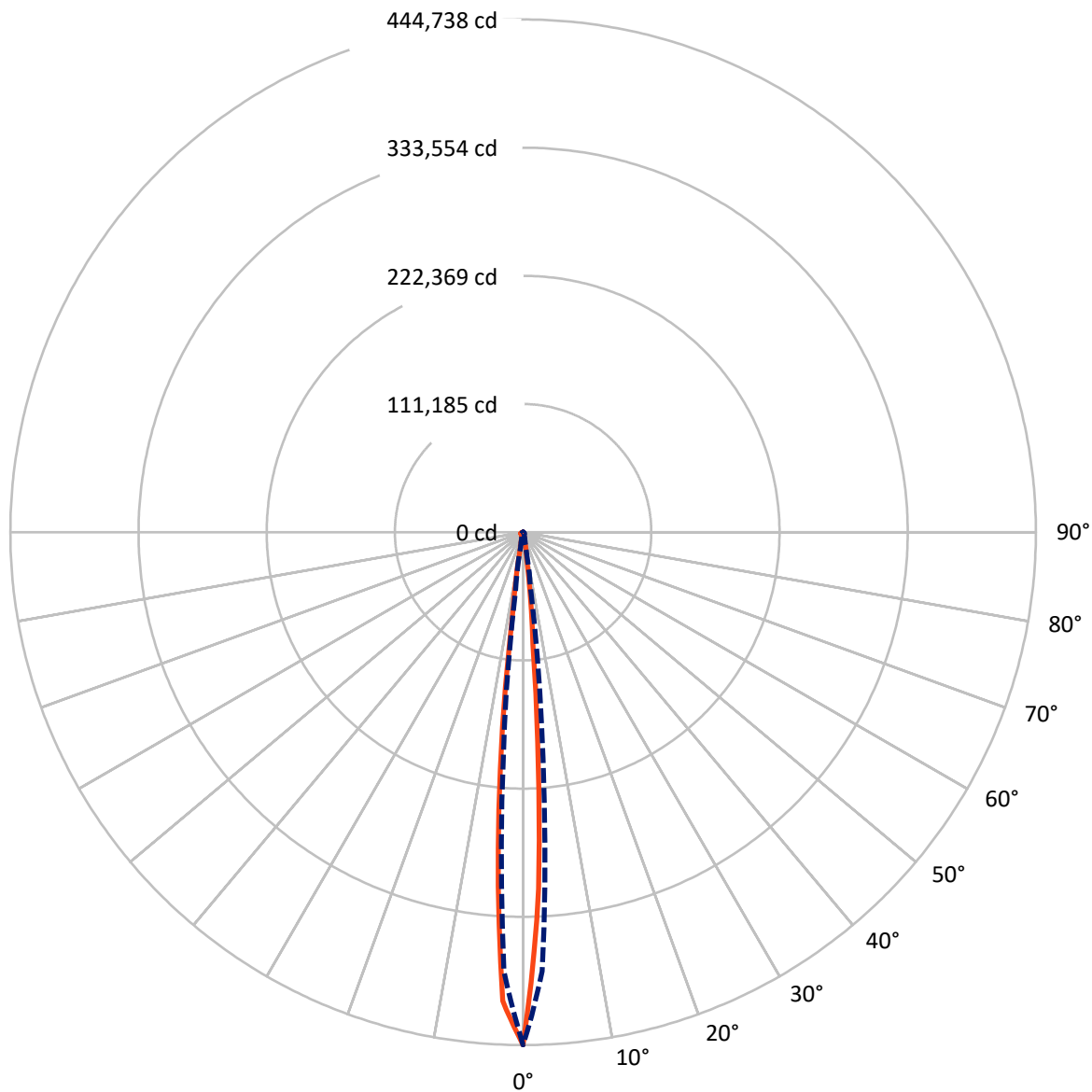
Lumen Table

Vertical Angle (degrees)																
	0.3	4.2		4.6		1.8		0.5		1.8		4.6		4.2		0.3
90																
80	0.3	4.2		4.6		1.8		0.5		1.8		4.6		4.2		0.3
70																
60	0.5	0.9	1.2	0.9	0.8	0.6	0.5	0.3	0.3	0.5	0.6	0.8	0.9	1.2	0.9	0.5
50		0.6	0.9	2.2	4.9	8.0	10.2	11.7	11.7	10.2	8.0	4.9	2.2	0.9	0.6	
40	0.5	0.6	2.6	8.6	17.0	24.8	29.8	33.1	33.1	29.8	24.8	17.0	8.6	2.6	0.6	0.5
30		1.3	6.6	17.7	28.8	33.8	36.5	37.7	37.7	36.5	33.8	28.8	17.7	6.6	1.3	
20	0.8	2.5	11.2	25.7	33.3	34.3	40.5	48.7	48.7	40.5	34.3	33.3	25.7	11.2	2.5	0.8
10		3.8	15.7	31.6	35.5	40.1	70.4	120.0	120.0	70.4	40.1	35.5	31.6	15.7	3.8	
0	1.3	5.0	19.3	34.7	36.8	49.5	133.9	2481.6	2481.6	133.9	49.5	36.8	34.7	19.3	5.0	1.3
-10		5.8	21.1	36.5	38.2	51.1	144.3	3618.4	3618.4	144.3	51.1	38.2	36.5	21.1	5.8	
-20	1.8	6.2	21.6	38.4	41.3	46.1	83.9	161.0	161.0	83.9	46.1	41.3	38.4	21.6	6.2	1.8
-30		5.9	20.6	38.9	46.4	46.5	54.3	66.3	66.3	54.3	46.5	46.4	38.9	20.6	5.9	
-40	2.0	5.2	18.2	37.2	51.0	55.6	57.9	58.4	58.4	57.9	55.6	51.0	37.2	18.2	5.2	2.0
-50		4.6	14.6	31.6	49.2	59.8	67.1	70.3	70.3	67.1	59.8	49.2	31.6	14.6	4.6	
-60	1.6	4.2	11.3	24.5	42.0	56.4	65.5	69.3	69.3	65.5	56.4	42.0	24.5	11.3	4.2	1.6
-70		3.8	9.9	20.0	35.0	49.3	59.6	64.4	64.4	59.6	49.3	35.0	20.0	9.9	3.8	
-80	0.7	11.7		34.8		64.5		71.2		64.5		34.8		11.7		0.7
-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



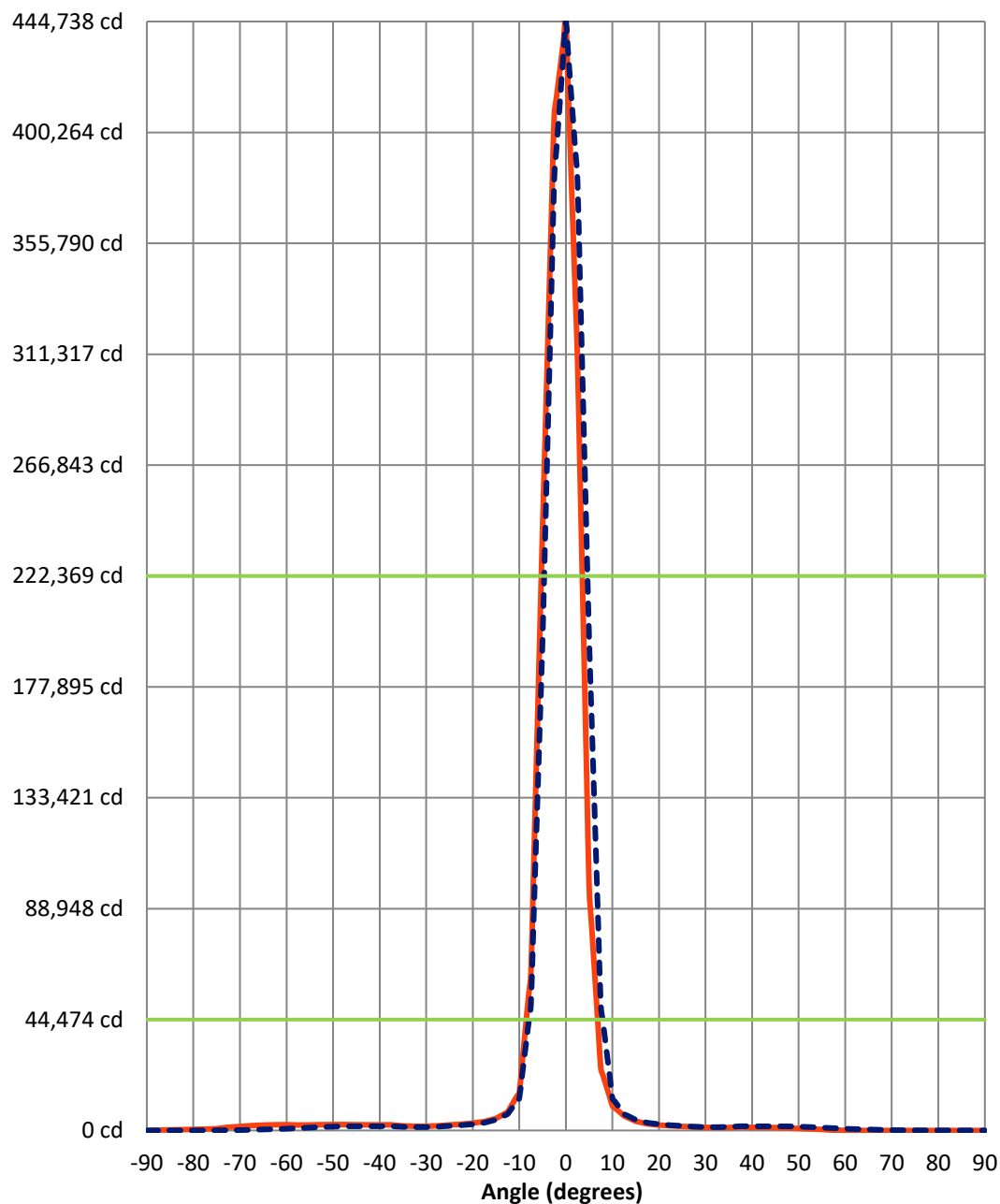
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 6855.3

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 10928.6

Efficiency: 57.8%

Spill:

Lumens: 7975.1

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	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
85°	0.0	4.4	4.4	8.7	8.7	8.7	13.1	17.5	21.8	21.8	26.2
82.5°	0.0	4.4	4.4	8.7	8.7	13.1	13.1	21.8	26.2	30.5	39.3
80°	4.4	4.4	4.4	8.7	8.7	13.1	13.1	17.5	21.8	30.5	34.9
77.5°	0.0	4.4	4.4	4.4	8.7	8.7	8.7	13.1	17.5	21.8	26.2
75°	0.0	4.4	4.4	4.4	8.7	8.7	8.7	8.7	13.1	13.1	17.5
72.5°	0.0	0.0	0.0	4.4	4.4	8.7	8.7	8.7	13.1	13.1	13.1
70°	0.0	0.0	0.0	4.4	4.4	8.7	8.7	8.7	13.1	13.1	13.1
67.5°	0.0	0.0	0.0	4.4	4.4	8.7	8.7	8.7	13.1	13.1	13.1
65°	0.0	0.0	0.0	4.4	4.4	8.7	8.7	13.1	13.1	13.1	13.1
62.5°	4.4	4.4	4.4	8.7	13.1	13.1	17.5	21.8	21.8	21.8	21.8
60°	43.6	48.0	52.4	52.4	48.0	48.0	52.4	52.4	52.4	52.4	52.4
57.5°	117.8	126.6	130.9	130.9	130.9	126.6	144.0	148.4	130.9	122.2	135.3
55°	410.2	423.3	414.6	401.5	375.3	344.7	336.0	331.7	336.0	314.2	279.3
52.5°	597.8	610.9	606.6	597.8	580.4	558.6	541.1	523.7	506.2	471.3	432.0
50°	776.8	781.1	776.8	768.0	750.6	728.8	693.9	654.6	619.7	610.9	576.0
47.5°	977.5	990.6	990.6	986.2	973.1	933.9	881.5	824.8	798.6	789.9	754.9
45°	1156.4	1165.1	1169.5	1173.9	1169.5	1130.2	1082.2	1051.7	995.0	977.5	977.5
42.5°	1204.4	1208.8	1213.2	1217.5	1230.6	1200.1	1160.8	1108.4	1095.3	1091.0	1082.2
40°	1221.9	1213.2	1217.5	1221.9	1226.2	1204.4	1173.9	1143.3	1134.6	1125.9	1125.9
37.5°	1387.7	1348.4	1317.9	1291.7	1269.9	1248.1	1217.5	1191.3	1169.5	1152.1	1169.5
35°	1182.6	1182.6	1213.2	1239.3	1265.5	1291.7	1296.1	1265.5	1217.5	1195.7	1226.2
32.5°	1208.8	1208.8	1208.8	1217.5	1226.2	1248.1	1269.9	1283.0	1317.9	1278.6	1278.6
30°	1235.0	1239.3	1248.1	1252.4	1239.3	1230.6	1221.9	1221.9	1243.7	1300.4	1331.0
27.5°	1387.7	1387.7	1374.6	1357.2	1317.9	1256.8	1226.2	1182.6	1187.0	1213.2	1287.3
25°	1636.4	1627.7	1597.2	1553.5	1483.7	1396.4	1313.5	1221.9	1182.6	1169.5	1200.1
22.5°	1872.1	1859.0	1819.7	1780.5	1723.7	1636.4	1496.8	1357.2	1235.0	1182.6	1169.5
20°	2173.2	2142.7	2099.0	2037.9	1946.3	1859.0	1736.8	1553.5	1374.6	1239.3	1187.0
17.5°	2657.6	2618.3	2535.4	2426.3	2269.2	2133.9	1959.4	1784.8	1584.1	1365.9	1248.1
15°	3718.0	3617.6	3473.6	3172.5	2862.7	2605.2	2343.4	2051.0	1845.9	1557.9	1379.0
12.5°	5847.6	5572.6	5153.7	4451.1	3757.3	3159.4	2736.1	2360.8	2029.2	1763.0	1509.9
10°	9897.2	9308.1	8151.7	6231.6	4953.0	3853.3	3094.0	2592.1	2173.2	1898.3	1619.0
7.5°	25031.1	20418.5	14448.7	9866.7	6480.3	4708.6	3539.1	2810.3	2325.9	1985.6	1706.3
5°	97558.4	80364.8	42870.5	17891.8	9748.9	5694.8	3940.6	2984.9	2426.3	2051.0	1771.7
2.5°	309620.0	267377.9	140280.5	38515.4	11970.1	6414.9	4215.5	3094.0	2483.0	2099.0	1819.7
0°	444738.1	381156.7	196875.4	50655.6	12982.5	6598.2	4302.8	3115.8	2491.8	2107.7	1819.7
-2.5°	406859.8	356082.0	190181.2	47138.4	13266.1	6650.5	4372.6	3190.0	2557.2	2147.0	1832.8
-5°	241753.3	212052.9	132665.6	33610.4	11786.8	6174.9	4189.3	3124.5	2513.6	2125.2	1824.1
-7.5°	63694.9	55141.7	36272.4	17538.3	7628.0	5223.5	3848.9	3015.4	2456.9	2085.9	1789.2
-10°	15356.4	14553.5	12999.9	7968.4	5939.2	4363.9	3412.5	2819.1	2343.4	2033.6	1732.5
-12.5°	7405.5	7230.9	6563.2	5411.2	4407.5	3626.4	3089.6	2614.0	2238.7	1941.9	1653.9
-15°	4817.7	4717.3	4490.4	4049.7	3539.1	3163.8	2788.5	2404.5	2107.7	1806.6	1588.4
-17.5°	3565.3	3560.9	3447.4	3281.6	3028.5	2749.2	2474.3	2229.9	1941.9	1684.4	1518.6
-20°	2954.3	2954.3	2888.9	2779.8	2600.9	2417.6	2234.3	2007.4	1771.7	1579.7	1509.9

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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°	2509.2	2513.6	2478.7	2408.8	2312.8	2160.1	1981.2	1797.9	1627.7	1557.9	1536.1
-25°	2221.2	2212.5	2173.2	2107.7	2007.4	1885.2	1767.4	1645.2	1597.2	1579.7	1610.3
-27.5°	1880.8	1893.9	1876.5	1845.9	1780.5	1693.2	1667.0	1632.1	1640.8	1667.0	1784.8
-30°	1680.1	1693.2	1710.6	1723.7	1701.9	1680.1	1688.8	1715.0	1771.7	1872.1	1915.7
-32.5°	1680.1	1684.4	1710.6	1736.8	1749.9	1767.4	1815.4	1902.6	1985.6	1959.4	1950.6
-35°	1832.8	1819.7	1854.6	1889.5	1937.6	1998.6	2051.0	2033.6	2003.0	1994.3	2003.0
-37.5°	2269.2	2186.3	2151.4	2129.6	2116.5	2107.7	2094.7	2081.6	2068.5	2059.7	2072.8
-40°	2264.8	2243.0	2221.2	2203.7	2190.7	2173.2	2164.5	2160.1	2147.0	2138.3	2129.6
-42.5°	2256.1	2264.8	2264.8	2260.5	2264.8	2260.5	2247.4	2229.9	2208.1	2190.7	2173.2
-45°	2321.6	2325.9	2334.7	2343.4	2356.5	2339.0	2312.8	2282.3	2251.8	2225.6	2203.7
-47.5°	2360.8	2365.2	2373.9	2387.0	2395.8	2378.3	2343.4	2304.1	2256.1	2212.5	2168.8
-50°	2373.9	2387.0	2391.4	2391.4	2387.0	2365.2	2312.8	2256.1	2203.7	2160.1	2120.8
-52.5°	2312.8	2325.9	2330.3	2321.6	2317.2	2295.4	2247.4	2195.0	2138.3	2107.7	2072.8
-55°	2212.5	2229.9	2243.0	2243.0	2243.0	2238.7	2195.0	2147.0	2103.4	2068.5	2033.6
-57.5°	2173.2	2203.7	2229.9	2234.3	2238.7	2243.0	2212.5	2164.5	2112.1	2059.7	2016.1
-60°	2317.2	2343.4	2356.5	2339.0	2325.9	2312.8	2264.8	2208.1	2155.7	2103.4	2020.5
-62.5°	2277.9	2321.6	2343.4	2330.3	2312.8	2291.0	2238.7	2173.2	2112.1	2055.4	1972.5
-65°	2151.4	2190.7	2216.8	2195.0	2168.8	2138.3	2090.3	2029.2	1972.5	1915.7	1841.5
-67.5°	1937.6	1994.3	2037.9	1989.9	1955.0	1915.7	1876.5	1824.1	1767.4	1701.9	1632.1
-70°	1601.5	1645.2	1684.4	1671.4	1662.6	1653.9	1627.7	1575.4	1527.3	1475.0	1413.9
-72.5°	1287.3	1326.6	1361.5	1339.7	1322.2	1296.1	1256.8	1200.1	1143.3	1086.6	1029.9
-75°	711.3	724.4	737.5	733.1	733.1	733.1	733.1	737.5	728.8	715.7	689.5
-77.5°	545.5	562.9	576.0	584.8	597.8	615.3	628.4	606.6	584.8	562.9	536.8
-80°	427.7	445.1	458.2	506.2	541.1	580.4	606.6	576.0	545.5	519.3	497.5
-82.5°	322.9	336.0	349.1	375.3	392.7	414.6	432.0	432.0	427.7	423.3	410.2
-85°	235.6	253.1	270.6	279.3	292.4	292.4	296.7	279.3	261.8	248.7	231.3
-87.5°	135.3	139.6	139.6	139.6	144.0	144.0	144.0	135.3	130.9	122.2	117.8
-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°	4.4	4.4	4.4	8.7	8.7	13.1	13.1	17.5	17.5	21.8	21.8
85°	26.2	26.2	26.2	30.5	30.5	34.9	39.3	43.6	48.0	48.0	52.4
82.5°	43.6	48.0	52.4	56.7	61.1	65.5	69.8	74.2	87.3	96.0	100.4
80°	43.6	48.0	61.1	69.8	78.5	87.3	87.3	87.3	87.3	91.6	100.4
77.5°	30.5	34.9	39.3	48.0	69.8	87.3	100.4	109.1	100.4	96.0	87.3
75°	17.5	21.8	26.2	30.5	43.6	61.1	82.9	104.7	122.2	117.8	109.1
72.5°	17.5	17.5	21.8	26.2	30.5	34.9	39.3	61.1	87.3	109.1	122.2
70°	17.5	21.8	21.8	26.2	30.5	34.9	39.3	48.0	61.1	87.3	113.5
67.5°	17.5	21.8	21.8	30.5	39.3	43.6	48.0	43.6	39.3	56.7	82.9
65°	17.5	17.5	21.8	26.2	30.5	34.9	48.0	48.0	43.6	43.6	43.6
62.5°	26.2	26.2	26.2	26.2	30.5	30.5	30.5	39.3	39.3	39.3	39.3
60°	52.4	48.0	48.0	48.0	48.0	39.3	39.3	39.3	34.9	39.3	34.9
57.5°	126.6	104.7	96.0	96.0	82.9	78.5	65.5	48.0	48.0	39.3	39.3
55°	257.5	244.4	205.1	170.2	152.7	135.3	104.7	87.3	65.5	52.4	48.0
52.5°	397.1	362.2	327.3	283.7	240.0	205.1	174.6	135.3	109.1	78.5	61.1
50°	519.3	488.8	449.5	401.5	344.7	301.1	257.5	205.1	161.5	122.2	87.3
47.5°	706.9	645.9	597.8	541.1	475.7	414.6	357.8	296.7	226.9	178.9	135.3
45°	907.7	820.4	754.9	702.6	615.3	532.4	466.9	401.5	318.6	235.6	183.3
42.5°	1047.3	981.9	894.6	824.8	746.2	658.9	571.7	501.8	414.6	318.6	235.6
40°	1121.5	1077.9	1008.1	947.0	864.0	768.0	676.4	606.6	514.9	410.2	296.7
37.5°	1178.2	1156.4	1121.5	1073.5	995.0	881.5	789.9	706.9	628.4	506.2	384.0
35°	1243.7	1239.3	1217.5	1195.7	1130.2	1021.1	912.0	816.0	720.0	606.6	471.3
32.5°	1304.8	1300.4	1287.3	1278.6	1252.4	1156.4	1038.6	929.5	820.4	702.6	554.2
30°	1335.3	1326.6	1326.6	1335.3	1309.2	1248.1	1160.8	1043.0	920.8	781.1	641.5
27.5°	1335.3	1326.6	1331.0	1344.1	1339.7	1309.2	1243.7	1147.7	1012.4	855.3	720.0
25°	1278.6	1322.2	1322.2	1339.7	1344.1	1335.3	1300.4	1239.3	1099.7	933.9	781.1
22.5°	1200.1	1304.8	1344.1	1339.7	1344.1	1365.9	1370.3	1313.5	1182.6	1012.4	842.2
20°	1200.1	1274.2	1387.7	1357.2	1365.9	1413.9	1435.7	1387.7	1269.9	1086.6	903.3
17.5°	1226.2	1274.2	1370.3	1418.3	1431.3	1470.6	1505.5	1475.0	1348.4	1165.1	986.2
15°	1300.4	1291.7	1357.2	1475.0	1496.8	1527.3	1566.6	1531.7	1418.3	1252.4	1064.8
12.5°	1352.8	1304.8	1357.2	1483.7	1553.5	1584.1	1597.2	1571.0	1479.3	1331.0	1143.3
10°	1422.6	1339.7	1365.9	1475.0	1575.4	1597.2	1610.3	1601.5	1536.1	1396.4	1213.2
7.5°	1475.0	1357.2	1357.2	1461.9	1597.2	1614.6	1623.4	1632.1	1584.1	1453.2	1274.2
5°	1496.8	1357.2	1348.4	1448.8	1619.0	1636.4	1636.4	1649.5	1619.0	1496.8	1317.9
2.5°	1501.2	1352.8	1339.7	1440.1	1658.3	1658.3	1649.5	1662.6	1645.2	1523.0	1348.4
0°	1523.0	1348.4	1335.3	1453.2	1701.9	1684.4	1662.6	1667.0	1658.3	1536.1	1365.9
-2.5°	1523.0	1370.3	1352.8	1461.9	1697.5	1693.2	1684.4	1688.8	1680.1	1575.4	1400.8
-5°	1544.8	1400.8	1383.3	1501.2	1693.2	1706.3	1710.6	1710.6	1697.5	1601.5	1422.6
-7.5°	1549.2	1422.6	1418.3	1540.4	1701.9	1723.7	1736.8	1745.5	1719.4	1619.0	1440.1
-10°	1527.3	1431.3	1453.2	1588.4	1710.6	1741.2	1767.4	1780.5	1736.8	1627.7	1448.8
-12.5°	1479.3	1431.3	1488.1	1649.5	1732.5	1767.4	1806.6	1811.0	1754.3	1632.1	1453.2
-15°	1475.0	1466.3	1549.2	1710.6	1745.5	1789.2	1850.3	1837.2	1767.4	1632.1	1453.2
-17.5°	1470.6	1514.3	1640.8	1732.5	1767.4	1815.4	1863.4	1850.3	1776.1	1632.1	1444.4
-20°	1509.9	1592.8	1749.9	1754.3	1793.5	1845.9	1872.1	1845.9	1763.0	1619.0	1431.3

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CATALOG NUMBER: IFLD-M-SA4E-735-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°	1575.4	1732.5	1784.8	1802.3	1837.2	1876.5	1889.5	1850.3	1749.9	1597.2	1409.5
-25°	1741.2	1819.7	1819.7	1859.0	1893.9	1911.4	1898.3	1854.6	1732.5	1575.4	1387.7
-27.5°	1867.7	1863.4	1885.2	1924.5	1955.0	1955.0	1920.1	1832.8	1706.3	1553.5	1357.2
-30°	1915.7	1920.1	1950.6	1994.3	2003.0	1981.2	1928.8	1815.4	1684.4	1518.6	1317.9
-32.5°	1963.7	1981.2	2020.5	2042.3	2046.6	2003.0	1907.0	1784.8	1649.5	1479.3	1274.2
-35°	2020.5	2055.4	2077.2	2081.6	2059.7	1985.6	1876.5	1745.5	1597.2	1422.6	1235.0
-37.5°	2094.7	2112.1	2125.2	2107.7	2046.6	1959.4	1824.1	1693.2	1549.2	1361.5	1178.2
-40°	2142.7	2151.4	2155.7	2099.0	2024.8	1898.3	1767.4	1632.1	1466.3	1291.7	1117.1
-42.5°	2173.2	2164.5	2129.6	2068.5	1959.4	1837.2	1710.6	1557.9	1392.1	1221.9	1051.7
-45°	2164.5	2133.9	2081.6	2007.4	1893.9	1771.7	1623.4	1470.6	1313.5	1147.7	977.5
-47.5°	2129.6	2081.6	2016.1	1928.8	1824.1	1675.7	1527.3	1379.0	1226.2	1064.8	907.7
-50°	2085.9	2029.2	1950.6	1841.5	1701.9	1566.6	1431.3	1287.3	1130.2	981.9	842.2
-52.5°	2037.9	1976.8	1876.5	1754.3	1601.5	1461.9	1331.0	1191.3	1047.3	907.7	785.5
-55°	1985.6	1924.5	1811.0	1671.4	1518.6	1365.9	1239.3	1121.5	981.9	846.6	737.5
-57.5°	1959.4	1880.8	1763.0	1623.4	1461.9	1304.8	1195.7	1069.1	942.6	802.9	698.2
-60°	1937.6	1859.0	1749.9	1588.4	1435.7	1287.3	1160.8	1038.6	903.3	772.4	667.7
-62.5°	1876.5	1793.5	1693.2	1536.1	1387.7	1252.4	1139.0	995.0	864.0	741.9	645.9
-65°	1754.3	1667.0	1579.7	1440.1	1304.8	1178.2	1064.8	933.9	811.7	706.9	624.0
-67.5°	1562.3	1488.1	1409.5	1291.7	1178.2	1064.8	960.0	846.6	746.2	672.0	628.4
-70°	1348.4	1269.9	1191.3	1095.3	999.3	907.7	824.8	741.9	676.4	637.1	602.2
-72.5°	981.9	947.0	907.7	833.5	754.9	698.2	658.9	624.0	576.0	541.1	519.3
-75°	654.6	606.6	545.5	519.3	523.7	514.9	493.1	466.9	445.1	432.0	401.5
-77.5°	510.6	484.4	453.8	423.3	410.2	397.1	379.7	357.8	340.4	309.8	266.2
-80°	471.3	449.5	427.7	405.8	384.0	353.5	318.6	283.7	266.2	253.1	248.7
-82.5°	388.4	362.2	336.0	314.2	283.7	261.8	240.0	222.6	222.6	218.2	213.8
-85°	222.6	213.8	200.7	192.0	183.3	170.2	157.1	148.4	144.0	139.6	135.3
-87.5°	113.5	109.1	100.4	96.0	91.6	87.3	78.5	74.2	69.8	69.8	65.5
-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-M-SA4E-735-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°	21.8	21.8	17.5	17.5	17.5	13.1	8.7	8.7	4.4	4.4	0.0
85°	52.4	43.6	39.3	34.9	34.9	26.2	17.5	13.1	8.7	4.4	4.4
82.5°	100.4	87.3	74.2	65.5	52.4	39.3	30.5	21.8	13.1	8.7	4.4
80°	113.5	113.5	109.1	91.6	74.2	56.7	39.3	26.2	17.5	13.1	8.7
77.5°	87.3	96.0	96.0	96.0	91.6	69.8	48.0	30.5	17.5	13.1	8.7
75°	100.4	87.3	82.9	87.3	82.9	69.8	56.7	34.9	21.8	17.5	8.7
72.5°	122.2	104.7	91.6	87.3	78.5	65.5	52.4	39.3	21.8	17.5	13.1
70°	113.5	109.1	100.4	91.6	78.5	65.5	52.4	39.3	26.2	17.5	13.1
67.5°	100.4	100.4	100.4	91.6	78.5	61.1	48.0	34.9	26.2	17.5	13.1
65°	69.8	82.9	91.6	87.3	78.5	61.1	48.0	34.9	26.2	21.8	13.1
62.5°	43.6	56.7	74.2	82.9	74.2	61.1	43.6	34.9	26.2	21.8	13.1
60°	39.3	43.6	52.4	65.5	69.8	56.7	43.6	30.5	26.2	21.8	13.1
57.5°	39.3	39.3	43.6	52.4	56.7	52.4	39.3	26.2	26.2	21.8	17.5
55°	43.6	39.3	39.3	43.6	48.0	48.0	39.3	26.2	26.2	21.8	17.5
52.5°	52.4	43.6	39.3	39.3	39.3	43.6	34.9	26.2	26.2	21.8	17.5
50°	65.5	52.4	48.0	39.3	39.3	39.3	34.9	26.2	21.8	21.8	17.5
47.5°	87.3	69.8	52.4	48.0	39.3	34.9	30.5	26.2	21.8	21.8	17.5
45°	130.9	82.9	69.8	52.4	43.6	39.3	34.9	26.2	21.8	21.8	17.5
42.5°	178.9	122.2	87.3	61.1	48.0	39.3	34.9	30.5	21.8	21.8	17.5
40°	226.9	165.8	109.1	78.5	56.7	43.6	34.9	30.5	26.2	21.8	17.5
37.5°	279.3	205.1	144.0	100.4	65.5	48.0	39.3	30.5	26.2	21.8	17.5
35°	344.7	257.5	178.9	122.2	78.5	56.7	43.6	30.5	26.2	21.8	17.5
32.5°	418.9	305.5	213.8	148.4	100.4	69.8	48.0	34.9	26.2	21.8	17.5
30°	488.8	362.2	253.1	178.9	122.2	78.5	52.4	34.9	26.2	21.8	13.1
27.5°	558.6	418.9	301.1	209.5	148.4	91.6	56.7	39.3	26.2	21.8	17.5
25°	628.4	475.7	349.1	240.0	170.2	109.1	69.8	43.6	26.2	21.8	17.5
22.5°	689.5	532.4	392.7	274.9	196.4	126.6	78.5	48.0	30.5	21.8	17.5
20°	759.3	593.5	440.7	314.2	218.2	144.0	87.3	52.4	30.5	21.8	17.5
17.5°	824.8	654.6	488.8	349.1	244.4	161.5	100.4	56.7	34.9	21.8	17.5
15°	890.2	711.3	532.4	384.0	270.6	178.9	109.1	61.1	39.3	21.8	17.5
12.5°	951.3	763.7	571.7	414.6	292.4	196.4	117.8	65.5	43.6	21.8	17.5
10°	1008.1	811.7	610.9	440.7	314.2	209.5	126.6	74.2	48.0	21.8	17.5
7.5°	1064.8	851.0	641.5	466.9	340.4	226.9	135.3	78.5	52.4	26.2	17.5
5°	1099.7	885.9	667.7	488.8	362.2	244.4	144.0	82.9	56.7	26.2	17.5
2.5°	1130.2	912.0	685.1	510.6	384.0	257.5	144.0	87.3	61.1	26.2	17.5
0°	1147.7	929.5	698.2	523.7	401.5	266.2	148.4	91.6	65.5	26.2	17.5
-2.5°	1187.0	960.0	728.8	541.1	418.9	292.4	157.1	96.0	69.8	30.5	17.5
-5°	1213.2	977.5	750.6	558.6	432.0	318.6	170.2	104.7	78.5	39.3	21.8
-7.5°	1235.0	995.0	768.0	567.3	445.1	327.3	174.6	109.1	82.9	43.6	21.8
-10°	1239.3	1003.7	781.1	580.4	453.8	340.4	178.9	113.5	87.3	48.0	21.8
-12.5°	1243.7	1012.4	785.5	589.1	462.6	349.1	183.3	117.8	91.6	52.4	21.8
-15°	1239.3	1008.1	785.5	597.8	466.9	340.4	192.0	122.2	96.0	56.7	21.8
-17.5°	1230.6	1003.7	781.1	593.5	462.6	331.7	196.4	130.9	96.0	61.1	26.2
-20°	1217.5	990.6	772.4	589.1	458.2	322.9	200.7	135.3	100.4	61.1	26.2

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CATALOG NUMBER: IFLD-M-SA4E-735-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1195.7	968.8	754.9	576.0	449.5	314.2	200.7	144.0	104.7	61.1	26.2
-25°	1169.5	947.0	737.5	558.6	436.4	301.1	200.7	148.4	109.1	61.1	26.2
-27.5°	1139.0	925.1	711.3	545.5	418.9	292.4	200.7	152.7	113.5	61.1	26.2
-30°	1104.1	894.6	689.5	523.7	405.8	292.4	205.1	157.1	117.8	61.1	26.2
-32.5°	1069.1	864.0	663.3	506.2	388.4	288.0	205.1	161.5	122.2	56.7	30.5
-35°	1029.9	829.1	641.5	493.1	375.3	279.3	209.5	161.5	117.8	56.7	30.5
-37.5°	981.9	785.5	619.7	480.0	366.6	270.6	209.5	165.8	113.5	56.7	30.5
-40°	929.5	750.6	593.5	462.6	353.5	266.2	209.5	165.8	109.1	56.7	34.9
-42.5°	872.8	711.3	567.3	445.1	340.4	261.8	209.5	165.8	104.7	56.7	34.9
-45°	820.4	672.0	536.8	423.3	327.3	261.8	209.5	161.5	96.0	61.1	34.9
-47.5°	763.7	628.4	501.8	401.5	322.9	257.5	205.1	152.7	87.3	61.1	34.9
-50°	715.7	584.8	475.7	379.7	314.2	261.8	209.5	139.6	87.3	61.1	34.9
-52.5°	667.7	554.2	445.1	370.9	305.5	266.2	205.1	130.9	87.3	61.1	34.9
-55°	628.4	523.7	427.7	357.8	314.2	274.9	196.4	117.8	87.3	61.1	34.9
-57.5°	597.8	506.2	414.6	362.2	327.3	266.2	183.3	113.5	87.3	56.7	34.9
-60°	576.0	488.8	418.9	379.7	331.7	253.1	174.6	113.5	87.3	56.7	30.5
-62.5°	558.6	493.1	440.7	392.7	314.2	235.6	165.8	113.5	78.5	52.4	30.5
-65°	562.9	510.6	449.5	375.3	301.1	218.2	152.7	109.1	74.2	48.0	30.5
-67.5°	576.0	497.5	423.3	353.5	270.6	196.4	139.6	100.4	69.8	48.0	30.5
-70°	532.4	458.2	384.0	301.1	231.3	170.2	130.9	91.6	61.1	43.6	30.5
-72.5°	480.0	384.0	305.5	244.4	196.4	157.1	117.8	82.9	56.7	39.3	26.2
-75°	349.1	279.3	226.9	205.1	174.6	139.6	104.7	74.2	52.4	39.3	26.2
-77.5°	248.7	231.3	209.5	187.6	157.1	122.2	91.6	69.8	48.0	34.9	21.8
-80°	244.4	222.6	196.4	161.5	130.9	104.7	78.5	61.1	43.6	30.5	17.5
-82.5°	205.1	174.6	148.4	122.2	100.4	82.9	65.5	48.0	34.9	21.8	13.1
-85°	126.6	109.1	96.0	82.9	69.8	56.7	43.6	30.5	21.8	13.1	8.7
-87.5°	61.1	56.7	48.0	39.3	34.9	26.2	21.8	17.5	13.1	8.7	4.4
-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-M-SA4E-735-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°	4.4	0.0	0.0	0.0
80°	4.4	0.0	0.0	0.0
77.5°	4.4	0.0	0.0	0.0
75°	4.4	4.4	0.0	0.0
72.5°	4.4	4.4	0.0	0.0
70°	8.7	4.4	4.4	0.0
67.5°	8.7	4.4	4.4	0.0
65°	8.7	4.4	4.4	0.0
62.5°	8.7	4.4	4.4	0.0
60°	8.7	4.4	4.4	0.0
57.5°	8.7	4.4	4.4	0.0
55°	8.7	4.4	4.4	0.0
52.5°	8.7	4.4	4.4	0.0
50°	8.7	4.4	4.4	0.0
47.5°	8.7	8.7	4.4	0.0
45°	8.7	8.7	4.4	0.0
42.5°	8.7	8.7	4.4	0.0
40°	8.7	8.7	4.4	0.0
37.5°	8.7	8.7	4.4	0.0
35°	8.7	8.7	4.4	0.0
32.5°	13.1	8.7	4.4	0.0
30°	13.1	8.7	8.7	0.0
27.5°	13.1	8.7	8.7	0.0
25°	13.1	8.7	8.7	0.0
22.5°	13.1	8.7	8.7	0.0
20°	13.1	8.7	8.7	0.0
17.5°	13.1	8.7	8.7	0.0
15°	13.1	8.7	8.7	0.0
12.5°	13.1	8.7	8.7	0.0
10°	13.1	8.7	8.7	0.0
7.5°	13.1	8.7	8.7	0.0
5°	13.1	8.7	8.7	0.0
2.5°	13.1	8.7	8.7	0.0
0°	13.1	8.7	8.7	0.0
-2.5°	13.1	8.7	8.7	0.0
-5°	13.1	8.7	8.7	0.0
-7.5°	13.1	8.7	8.7	0.0
-10°	13.1	8.7	8.7	0.0
-12.5°	17.5	8.7	8.7	0.0
-15°	17.5	8.7	8.7	0.0
-17.5°	17.5	8.7	8.7	0.0
-20°	17.5	8.7	8.7	0.0

REPORT NUMBER: P723710

CATALOG NUMBER: IFLD-M-SA4E-735-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	17.5	8.7	8.7	0.0
-25°	17.5	8.7	8.7	0.0
-27.5°	17.5	8.7	8.7	0.0
-30°	17.5	8.7	8.7	0.0
-32.5°	17.5	8.7	8.7	0.0
-35°	17.5	8.7	8.7	0.0
-37.5°	17.5	8.7	8.7	0.0
-40°	17.5	8.7	8.7	0.0
-42.5°	13.1	8.7	4.4	0.0
-45°	17.5	8.7	4.4	0.0
-47.5°	17.5	8.7	4.4	0.0
-50°	17.5	8.7	4.4	0.0
-52.5°	17.5	8.7	4.4	0.0
-55°	17.5	8.7	4.4	0.0
-57.5°	17.5	8.7	4.4	0.0
-60°	17.5	8.7	4.4	0.0
-62.5°	17.5	8.7	4.4	0.0
-65°	17.5	8.7	4.4	0.0
-67.5°	17.5	8.7	4.4	0.0
-70°	17.5	4.4	4.4	0.0
-72.5°	13.1	4.4	4.4	0.0
-75°	13.1	4.4	4.4	0.0
-77.5°	8.7	4.4	0.0	0.0
-80°	8.7	4.4	0.0	0.0
-82.5°	8.7	4.4	0.0	0.0
-85°	4.4	0.0	0.0	0.0
-87.5°	4.4	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)