

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: P723684

Luminaire Tested: **IFLD-L-SA7C-730-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723684
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7C-730-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (112) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	21370.2 lumens	Max Intensity:	502765.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	57.9 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:	7749.7 lumens	Field Lumens:	12354.5 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

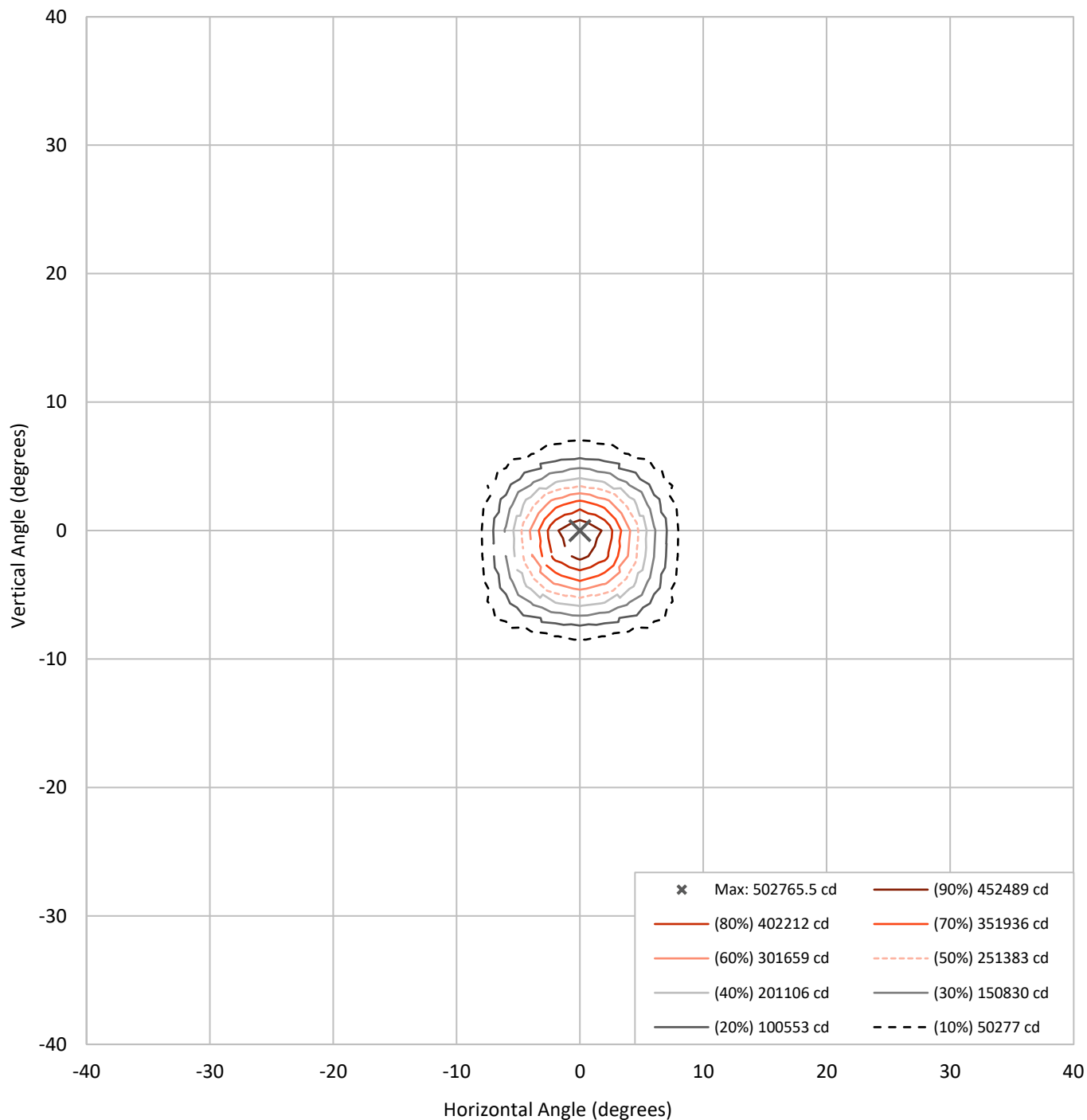
Input Watts (W): 369
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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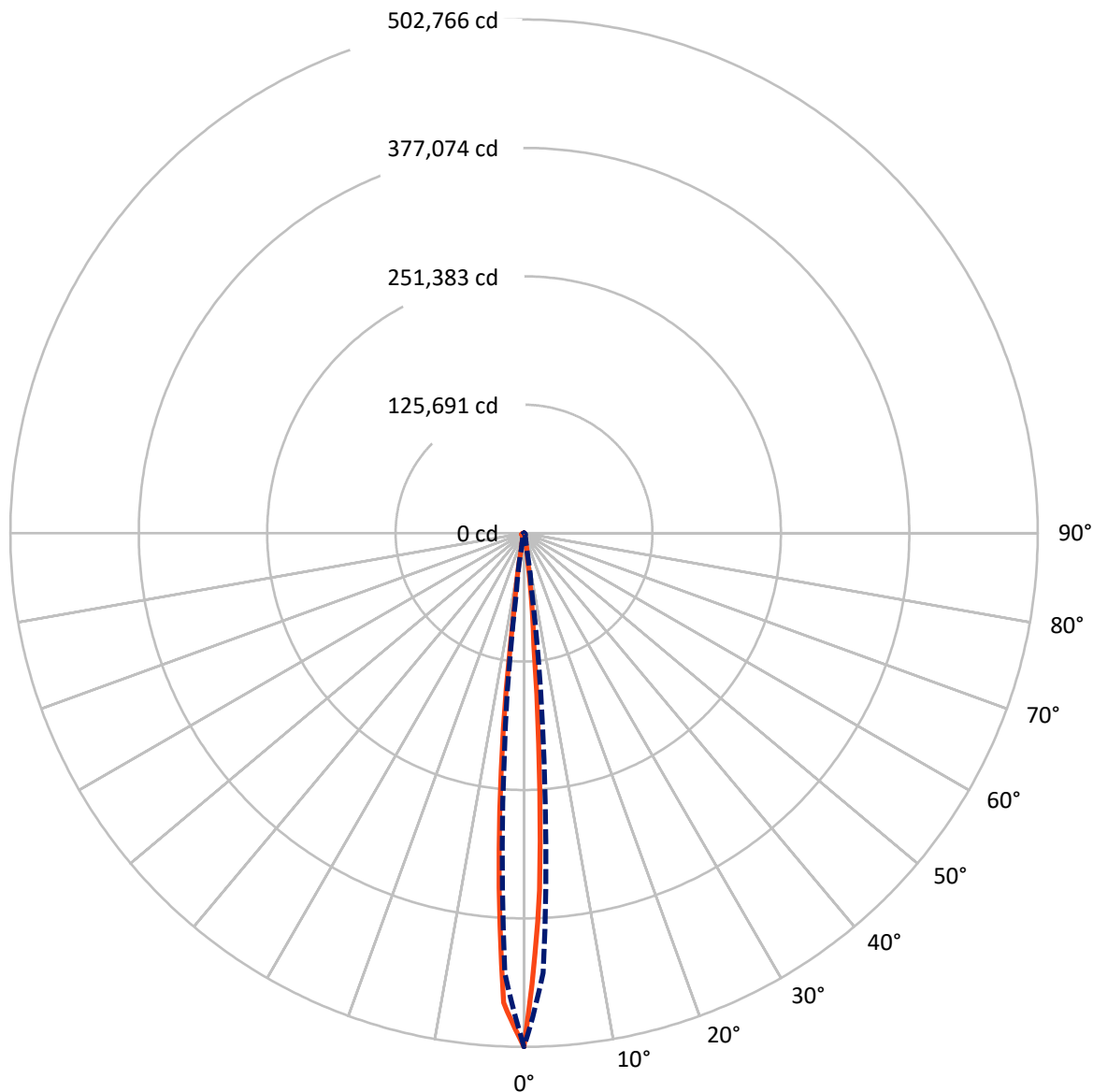
Lumen Table

Vertical Angle (degrees)																
	0.4	4.8		5.2		2.0		0.5		2.0		5.2		4.8		0.4
90																
80	0.4	4.8		5.2		2.0		0.5		2.0		5.2		4.8		0.4
70																
60	0.5	1.1	1.4	1.0	0.9	0.7	0.5	0.3	0.3	0.5	0.7	0.9	1.0	1.4	1.1	0.5
50		0.7	1.0	2.5	5.5	9.0	11.6	13.3	13.3	11.6	9.0	5.5	2.5	1.0	0.7	
40	0.5	0.7	2.9	9.7	19.2	28.0	33.7	37.4	37.4	33.7	28.0	19.2	9.7	2.9	0.7	0.5
30		1.4	7.4	20.0	32.5	38.2	41.2	42.7	42.7	41.2	38.2	32.5	20.0	7.4	1.4	
20	0.8	2.8	12.7	29.1	37.7	38.8	45.7	55.1	55.1	45.7	38.8	37.7	29.1	12.7	2.8	0.8
10		4.3	17.8	35.7	40.2	45.3	79.6	135.6	135.6	79.6	45.3	40.2	35.7	17.8	4.3	
0	1.4	5.6	21.8	39.3	41.6	55.9	151.4	2805.4	2805.4	151.4	55.9	41.6	39.3	21.8	5.6	1.4
-10		6.6	23.9	41.2	43.2	57.8	163.1	4090.5	4090.5	163.1	57.8	43.2	41.2	23.9	6.6	
-20	2.0	7.1	24.5	43.4	46.7	52.1	94.8	182.0	182.0	94.8	52.1	46.7	43.4	24.5	7.1	2.0
-30		6.6	23.3	44.0	52.4	52.5	61.4	74.9	74.9	61.4	52.5	52.4	44.0	23.3	6.6	
-40	2.3	5.9	20.5	42.1	57.7	62.9	65.5	66.0	66.0	65.5	62.9	57.7	42.1	20.5	5.9	2.3
-50		5.2	16.5	35.7	55.6	67.6	75.8	79.5	79.5	75.8	67.6	55.6	35.7	16.5	5.2	
-60	1.8	4.7	12.8	27.7	47.4	63.7	74.0	78.3	78.3	74.0	63.7	47.4	27.7	12.8	4.7	1.8
-70		4.3	11.2	22.6	39.6	55.7	67.4	72.8	72.8	67.4	55.7	39.6	22.6	11.2	4.3	
-80	0.8	13.2		39.4		72.9		80.5		72.9		39.4		13.2		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



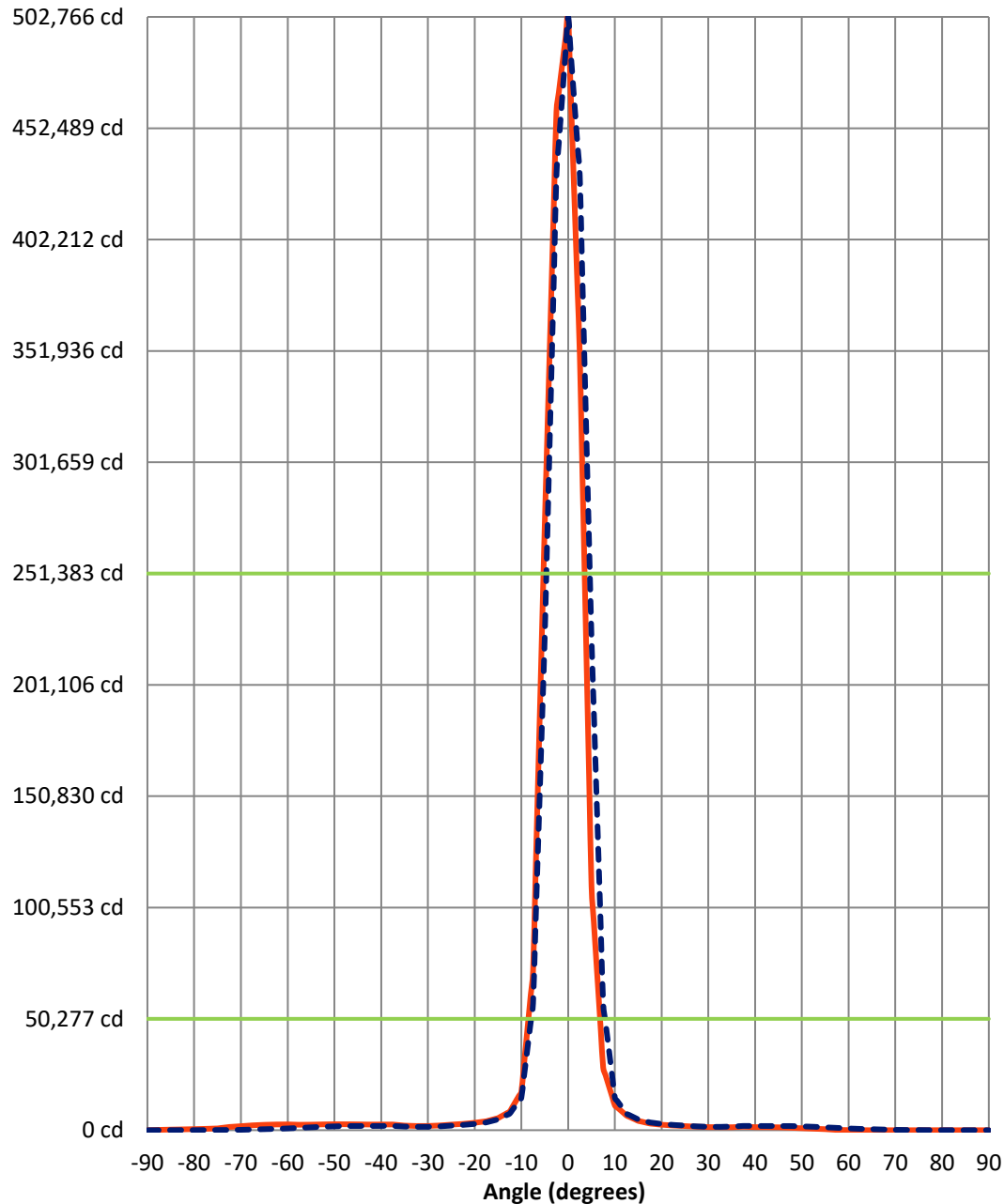
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°
V Angle: 8.8°
Lumens: 7749.7
Efficiency: 36.3%

Field:

H Angle: 15.8°
V Angle: 15.3°
Lumens: 12354.5
Efficiency: 57.8%

Spill:

Lumens: 9015.7
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	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
85°	0.0	4.9	4.9	9.9	9.9	9.9	14.8	19.7	24.7	24.7	29.6
82.5°	0.0	4.9	4.9	9.9	9.9	14.8	14.8	24.7	29.6	34.5	44.4
80°	4.9	4.9	4.9	9.9	9.9	14.8	14.8	19.7	24.7	34.5	39.5
77.5°	0.0	4.9	4.9	4.9	9.9	9.9	9.9	14.8	19.7	24.7	29.6
75°	0.0	4.9	4.9	4.9	9.9	9.9	9.9	9.9	14.8	14.8	19.7
72.5°	0.0	0.0	0.0	4.9	4.9	9.9	9.9	9.9	14.8	14.8	14.8
70°	0.0	0.0	0.0	4.9	4.9	9.9	9.9	9.9	14.8	14.8	14.8
67.5°	0.0	0.0	0.0	4.9	4.9	9.9	9.9	9.9	14.8	14.8	14.8
65°	0.0	0.0	0.0	4.9	4.9	9.9	9.9	14.8	14.8	14.8	14.8
62.5°	4.9	4.9	4.9	9.9	14.8	14.8	19.7	24.7	24.7	24.7	24.7
60°	49.3	54.3	59.2	59.2	54.3	54.3	59.2	59.2	59.2	59.2	59.2
57.5°	133.2	143.1	148.0	148.0	148.0	143.1	162.8	167.7	148.0	138.1	152.9
55°	463.7	478.5	468.7	453.9	424.3	389.7	379.9	374.9	379.9	355.2	315.7
52.5°	675.9	690.7	685.7	675.9	656.1	631.5	611.7	592.0	572.3	532.8	488.4
50°	878.1	883.0	878.1	868.2	848.5	823.8	784.4	740.0	700.5	690.7	651.2
47.5°	1105.0	1119.8	1119.8	1114.9	1100.1	1055.7	996.5	932.4	902.8	892.9	853.4
45°	1307.3	1317.2	1322.1	1327.0	1322.1	1277.7	1223.4	1188.9	1124.8	1105.0	1105.0
42.5°	1361.6	1366.5	1371.4	1376.4	1391.2	1356.6	1312.2	1253.0	1238.2	1233.3	1223.4
40°	1381.3	1371.4	1376.4	1381.3	1386.2	1361.6	1327.0	1292.5	1282.6	1272.8	1272.8
37.5°	1568.8	1524.4	1489.8	1460.2	1435.6	1410.9	1376.4	1346.8	1322.1	1302.4	1322.1
35°	1336.9	1336.9	1371.4	1401.0	1430.6	1460.2	1465.2	1430.6	1376.4	1351.7	1386.2
32.5°	1366.5	1366.5	1366.5	1376.4	1386.2	1410.9	1435.6	1450.4	1489.8	1445.4	1445.4
30°	1396.1	1401.0	1410.9	1415.8	1401.0	1391.2	1381.3	1381.3	1406.0	1470.1	1504.6
27.5°	1568.8	1568.8	1554.0	1534.2	1489.8	1420.8	1386.2	1336.9	1341.8	1371.4	1455.3
25°	1850.0	1840.1	1805.6	1756.2	1677.3	1578.6	1484.9	1381.3	1336.9	1322.1	1356.6
22.5°	2116.4	2101.6	2057.2	2012.8	1948.6	1850.0	1692.1	1534.2	1396.1	1336.9	1322.1
20°	2456.7	2422.2	2372.9	2303.8	2200.2	2101.6	1963.4	1756.2	1554.0	1401.0	1341.8
17.5°	3004.3	2959.9	2866.2	2742.9	2565.3	2412.4	2215.0	2017.7	1790.8	1544.1	1410.9
15°	4203.1	4089.6	3926.9	3586.5	3236.2	2945.1	2649.1	2318.6	2086.8	1761.2	1558.9
12.5°	6610.5	6299.7	5826.1	5031.9	4247.5	3571.7	3093.1	2668.9	2294.0	1993.0	1706.9
10°	11188.6	10522.6	9215.3	7044.7	5599.2	4356.0	3497.7	2930.3	2456.7	2146.0	1830.2
7.5°	28297.0	23082.6	16333.9	11154.0	7325.9	5323.0	4000.9	3177.0	2629.4	2244.6	1928.9
5°	110287.3	90850.4	48464.1	20226.3	11020.8	6437.9	4454.7	3374.3	2742.9	2318.6	2002.9
2.5°	350017.8	302264.1	158583.7	43540.7	13531.9	7251.9	4765.5	3497.7	2807.0	2372.9	2057.2
0°	502765.5	430888.3	222562.8	57265.0	14676.4	7459.0	4864.2	3522.3	2816.9	2382.8	2057.2
-2.5°	459945.0	402541.9	214995.2	53288.8	14997.0	7518.2	4943.1	3606.2	2890.9	2427.2	2072.0
-5°	273296.1	239720.6	149975.2	37995.8	13324.7	6980.5	4735.9	3532.2	2841.5	2402.5	2062.1
-7.5°	72005.5	62336.3	41005.0	19826.7	8623.3	5905.1	4351.1	3408.9	2777.4	2358.1	2022.6
-10°	17360.0	16452.3	14696.1	9008.1	6714.1	4933.2	3857.8	3186.9	2649.1	2298.9	1958.5
-12.5°	8371.7	8174.4	7419.6	6117.2	4982.6	4099.5	3492.7	2955.0	2530.7	2195.3	1869.7
-15°	5446.3	5332.8	5076.3	4578.0	4000.9	3576.6	3152.3	2718.2	2382.8	2042.4	1795.7
-17.5°	4030.5	4025.5	3897.3	3709.8	3423.7	3107.9	2797.1	2520.9	2195.3	1904.2	1716.8
-20°	3339.8	3339.8	3265.8	3142.5	2940.2	2733.0	2525.8	2269.3	2002.9	1785.8	1706.9

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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°	2836.6	2841.5	2802.1	2723.1	2614.6	2442.0	2239.7	2032.5	1840.1	1761.2	1736.5
-25°	2511.0	2501.1	2456.7	2382.8	2269.3	2131.2	1998.0	1859.8	1805.6	1785.8	1820.4
-27.5°	2126.2	2141.0	2121.3	2086.8	2012.8	1914.1	1884.5	1845.0	1854.9	1884.5	2017.7
-30°	1899.3	1914.1	1933.8	1948.6	1924.0	1899.3	1909.2	1938.8	2002.9	2116.4	2165.7
-32.5°	1899.3	1904.2	1933.8	1963.4	1978.2	1998.0	2052.2	2150.9	2244.6	2215.0	2205.2
-35°	2072.0	2057.2	2096.6	2136.1	2190.4	2259.4	2318.6	2298.9	2264.4	2254.5	2264.4
-37.5°	2565.3	2471.5	2432.1	2407.4	2392.6	2382.8	2368.0	2353.2	2338.4	2328.5	2343.3
-40°	2560.3	2535.7	2511.0	2491.3	2476.5	2456.7	2446.9	2442.0	2427.2	2417.3	2407.4
-42.5°	2550.5	2560.3	2560.3	2555.4	2560.3	2555.4	2540.6	2520.9	2496.2	2476.5	2456.7
-45°	2624.5	2629.4	2639.3	2649.1	2663.9	2644.2	2614.6	2580.1	2545.5	2515.9	2491.3
-47.5°	2668.9	2673.8	2683.7	2698.5	2708.3	2688.6	2649.1	2604.7	2550.5	2501.1	2451.8
-50°	2683.7	2698.5	2703.4	2703.4	2698.5	2673.8	2614.6	2550.5	2491.3	2442.0	2397.6
-52.5°	2614.6	2629.4	2634.3	2624.5	2619.5	2594.9	2540.6	2481.4	2417.3	2382.8	2343.3
-55°	2501.1	2520.9	2535.7	2535.7	2535.7	2530.7	2481.4	2427.2	2377.8	2338.4	2298.9
-57.5°	2456.7	2491.3	2520.9	2525.8	2530.7	2535.7	2501.1	2446.9	2387.7	2328.5	2279.2
-60°	2619.5	2649.1	2663.9	2644.2	2629.4	2614.6	2560.3	2496.2	2437.0	2377.8	2284.1
-62.5°	2575.1	2624.5	2649.1	2634.3	2614.6	2589.9	2530.7	2456.7	2387.7	2323.6	2229.8
-65°	2432.1	2476.5	2506.1	2481.4	2451.8	2417.3	2363.0	2294.0	2229.8	2165.7	2081.8
-67.5°	2190.4	2254.5	2303.8	2249.6	2210.1	2165.7	2121.3	2062.1	1998.0	1924.0	1845.0
-70°	1810.5	1859.8	1904.2	1889.4	1879.6	1869.7	1840.1	1780.9	1726.6	1667.4	1598.4
-72.5°	1455.3	1499.7	1539.2	1514.5	1494.8	1465.2	1420.8	1356.6	1292.5	1228.4	1164.2
-75°	804.1	818.9	833.7	828.8	828.8	828.8	828.8	833.7	823.8	809.1	779.5
-77.5°	616.7	636.4	651.2	661.1	675.9	695.6	710.4	685.7	661.1	636.4	606.8
-80°	483.5	503.2	518.0	572.3	611.7	656.1	685.7	651.2	616.7	587.1	562.4
-82.5°	365.1	379.9	394.7	424.3	444.0	468.7	488.4	488.4	483.5	478.5	463.7
-85°	266.4	286.1	305.9	315.7	330.5	330.5	335.5	315.7	296.0	281.2	261.5
-87.5°	152.9	157.9	157.9	157.9	162.8	162.8	162.8	152.9	148.0	138.1	133.2
-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°	4.9	4.9	4.9	9.9	9.9	14.8	14.8	19.7	19.7	24.7	24.7
85°	29.6	29.6	29.6	34.5	34.5	39.5	44.4	49.3	54.3	54.3	59.2
82.5°	49.3	54.3	59.2	64.1	69.1	74.0	78.9	83.9	98.7	108.5	113.5
80°	49.3	54.3	69.1	78.9	88.8	98.7	98.7	98.7	98.7	103.6	113.5
77.5°	34.5	39.5	44.4	54.3	78.9	98.7	113.5	123.3	113.5	108.5	98.7
75°	19.7	24.7	29.6	34.5	49.3	69.1	93.7	118.4	138.1	133.2	123.3
72.5°	19.7	19.7	24.7	29.6	34.5	39.5	44.4	69.1	98.7	123.3	138.1
70°	19.7	24.7	24.7	29.6	34.5	39.5	44.4	54.3	69.1	98.7	128.3
67.5°	19.7	24.7	24.7	34.5	44.4	49.3	54.3	49.3	44.4	64.1	93.7
65°	19.7	19.7	24.7	29.6	34.5	39.5	54.3	54.3	49.3	49.3	49.3
62.5°	29.6	29.6	29.6	29.6	34.5	34.5	34.5	44.4	44.4	44.4	44.4
60°	59.2	54.3	54.3	54.3	54.3	44.4	44.4	44.4	39.5	44.4	39.5
57.5°	143.1	118.4	108.5	108.5	93.7	88.8	74.0	54.3	54.3	44.4	44.4
55°	291.1	276.3	231.9	192.4	172.7	152.9	118.4	98.7	74.0	59.2	54.3
52.5°	448.9	409.5	370.0	320.7	271.3	231.9	197.3	152.9	123.3	88.8	69.1
50°	587.1	552.5	508.1	453.9	389.7	340.4	291.1	231.9	182.5	138.1	98.7
47.5°	799.2	730.1	675.9	611.7	537.7	468.7	404.5	335.5	256.5	202.3	152.9
45°	1026.1	927.4	853.4	794.3	695.6	601.9	527.9	453.9	360.1	266.4	207.2
42.5°	1184.0	1110.0	1011.3	932.4	843.6	744.9	646.3	567.3	468.7	360.1	266.4
40°	1267.8	1218.5	1139.6	1070.5	976.8	868.2	764.7	685.7	582.1	463.7	335.5
37.5°	1332.0	1307.3	1267.8	1213.6	1124.8	996.5	892.9	799.2	710.4	572.3	434.1
35°	1406.0	1401.0	1376.4	1351.7	1277.7	1154.4	1031.0	922.5	814.0	685.7	532.8
32.5°	1475.0	1470.1	1455.3	1445.4	1415.8	1307.3	1174.1	1050.8	927.4	794.3	626.5
30°	1509.6	1499.7	1499.7	1509.6	1480.0	1410.9	1312.2	1179.0	1040.9	883.0	725.2
27.5°	1509.6	1499.7	1504.6	1519.4	1514.5	1480.0	1406.0	1297.4	1144.5	966.9	814.0
25°	1445.4	1494.8	1494.8	1514.5	1519.4	1509.6	1470.1	1401.0	1243.2	1055.7	883.0
22.5°	1356.6	1475.0	1519.4	1514.5	1519.4	1544.1	1549.0	1484.9	1336.9	1144.5	952.1
20°	1356.6	1440.5	1568.8	1534.2	1544.1	1598.4	1623.0	1568.8	1435.6	1228.4	1021.2
17.5°	1386.2	1440.5	1549.0	1603.3	1618.1	1662.5	1702.0	1667.4	1524.4	1317.2	1114.9
15°	1470.1	1460.2	1534.2	1667.4	1692.1	1726.6	1771.0	1731.6	1603.3	1415.8	1203.7
12.5°	1529.3	1475.0	1534.2	1677.3	1756.2	1790.8	1805.6	1776.0	1672.4	1504.6	1292.5
10°	1608.2	1514.5	1544.1	1667.4	1780.9	1805.6	1820.4	1810.5	1736.5	1578.6	1371.4
7.5°	1667.4	1534.2	1534.2	1652.6	1805.6	1825.3	1835.2	1845.0	1790.8	1642.8	1440.5
5°	1692.1	1534.2	1524.4	1637.8	1830.2	1850.0	1850.0	1864.8	1830.2	1692.1	1489.8
2.5°	1697.0	1529.3	1514.5	1628.0	1874.6	1874.6	1864.8	1879.6	1859.8	1721.7	1524.4
0°	1721.7	1524.4	1509.6	1642.8	1924.0	1904.2	1879.6	1884.5	1874.6	1736.5	1544.1
-2.5°	1721.7	1549.0	1529.3	1652.6	1919.0	1914.1	1904.2	1909.2	1899.3	1780.9	1583.6
-5°	1746.4	1583.6	1563.8	1697.0	1914.1	1928.9	1933.8	1933.8	1919.0	1810.5	1608.2
-7.5°	1751.3	1608.2	1603.3	1741.4	1924.0	1948.6	1963.4	1973.3	1943.7	1830.2	1628.0
-10°	1726.6	1618.1	1642.8	1795.7	1933.8	1968.4	1998.0	2012.8	1963.4	1840.1	1637.8
-12.5°	1672.4	1618.1	1682.2	1864.8	1958.5	1998.0	2042.4	2047.3	1983.2	1845.0	1642.8
-15°	1667.4	1657.6	1751.3	1933.8	1973.3	2022.6	2091.7	2076.9	1998.0	1845.0	1642.8
-17.5°	1662.5	1711.8	1854.9	1958.5	1998.0	2052.2	2106.5	2091.7	2007.8	1845.0	1632.9
-20°	1706.9	1800.6	1978.2	1983.2	2027.6	2086.8	2116.4	2086.8	1993.0	1830.2	1618.1



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CATALOG NUMBER: IFLD-L-SA7C-730-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°	1780.9	1958.5	2017.7	2037.4	2076.9	2121.3	2136.1	2091.7	1978.2	1805.6	1593.4
-25°	1968.4	2057.2	2057.2	2101.6	2141.0	2160.8	2146.0	2096.6	1958.5	1780.9	1568.8
-27.5°	2111.4	2106.5	2131.2	2175.6	2210.1	2210.1	2170.6	2072.0	1928.9	1756.2	1534.2
-30°	2165.7	2170.6	2205.2	2254.5	2264.4	2239.7	2180.5	2052.2	1904.2	1716.8	1489.8
-32.5°	2220.0	2239.7	2284.1	2308.8	2313.7	2264.4	2155.8	2017.7	1864.8	1672.4	1440.5
-35°	2284.1	2323.6	2348.2	2353.2	2328.5	2244.6	2121.3	1973.3	1805.6	1608.2	1396.1
-37.5°	2368.0	2387.7	2402.5	2382.8	2313.7	2215.0	2062.1	1914.1	1751.3	1539.2	1332.0
-40°	2422.2	2432.1	2437.0	2372.9	2289.0	2146.0	1998.0	1845.0	1657.6	1460.2	1262.9
-42.5°	2456.7	2446.9	2407.4	2338.4	2215.0	2076.9	1933.8	1761.2	1573.7	1381.3	1188.9
-45°	2446.9	2412.4	2353.2	2269.3	2141.0	2002.9	1835.2	1662.5	1484.9	1297.4	1105.0
-47.5°	2407.4	2353.2	2279.2	2180.5	2062.1	1894.4	1726.6	1558.9	1386.2	1203.7	1026.1
-50°	2358.1	2294.0	2205.2	2081.8	1924.0	1771.0	1618.1	1455.3	1277.7	1110.0	952.1
-52.5°	2303.8	2234.8	2121.3	1983.2	1810.5	1652.6	1504.6	1346.8	1184.0	1026.1	888.0
-55°	2244.6	2175.6	2047.3	1889.4	1716.8	1544.1	1401.0	1267.8	1110.0	957.0	833.7
-57.5°	2215.0	2126.2	1993.0	1835.2	1652.6	1475.0	1351.7	1208.6	1065.6	907.7	789.3
-60°	2190.4	2101.6	1978.2	1795.7	1623.0	1455.3	1312.2	1174.1	1021.2	873.2	754.8
-62.5°	2121.3	2027.6	1914.1	1736.5	1568.8	1415.8	1287.6	1124.8	976.8	838.6	730.1
-65°	1983.2	1884.5	1785.8	1628.0	1475.0	1332.0	1203.7	1055.7	917.6	799.2	705.5
-67.5°	1766.1	1682.2	1593.4	1460.2	1332.0	1203.7	1085.3	957.0	843.6	759.7	710.4
-70°	1524.4	1435.6	1346.8	1238.2	1129.7	1026.1	932.4	838.6	764.7	720.3	680.8
-72.5°	1110.0	1070.5	1026.1	942.2	853.4	789.3	744.9	705.5	651.2	611.7	587.1
-75°	740.0	685.7	616.7	587.1	592.0	582.1	557.5	527.9	503.2	488.4	453.9
-77.5°	577.2	547.6	513.1	478.5	463.7	448.9	429.2	404.5	384.8	350.3	300.9
-80°	532.8	508.1	483.5	458.8	434.1	399.6	360.1	320.7	300.9	286.1	281.2
-82.5°	439.1	409.5	379.9	355.2	320.7	296.0	271.3	251.6	251.6	246.7	241.7
-85°	251.6	241.7	226.9	217.1	207.2	192.4	177.6	167.7	162.8	157.9	152.9
-87.5°	128.3	123.3	113.5	108.5	103.6	98.7	88.8	83.9	78.9	78.9	74.0
-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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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°	24.7	24.7	19.7	19.7	19.7	14.8	9.9	9.9	4.9	4.9	0.0
85°	59.2	49.3	44.4	39.5	39.5	29.6	19.7	14.8	9.9	4.9	4.9
82.5°	113.5	98.7	83.9	74.0	59.2	44.4	34.5	24.7	14.8	9.9	4.9
80°	128.3	128.3	123.3	103.6	83.9	64.1	44.4	29.6	19.7	14.8	9.9
77.5°	98.7	108.5	108.5	108.5	103.6	78.9	54.3	34.5	19.7	14.8	9.9
75°	113.5	98.7	93.7	98.7	93.7	78.9	64.1	39.5	24.7	19.7	9.9
72.5°	138.1	118.4	103.6	98.7	88.8	74.0	59.2	44.4	24.7	19.7	14.8
70°	128.3	123.3	113.5	103.6	88.8	74.0	59.2	44.4	29.6	19.7	14.8
67.5°	113.5	113.5	113.5	103.6	88.8	69.1	54.3	39.5	29.6	19.7	14.8
65°	78.9	93.7	103.6	98.7	88.8	69.1	54.3	39.5	29.6	24.7	14.8
62.5°	49.3	64.1	83.9	93.7	83.9	69.1	49.3	39.5	29.6	24.7	14.8
60°	44.4	49.3	59.2	74.0	78.9	64.1	49.3	34.5	29.6	24.7	14.8
57.5°	44.4	44.4	49.3	59.2	64.1	59.2	44.4	29.6	29.6	24.7	19.7
55°	49.3	44.4	44.4	49.3	54.3	54.3	44.4	29.6	29.6	24.7	19.7
52.5°	59.2	49.3	44.4	44.4	44.4	49.3	39.5	29.6	29.6	24.7	19.7
50°	74.0	59.2	54.3	44.4	44.4	44.4	39.5	29.6	24.7	24.7	19.7
47.5°	98.7	78.9	59.2	54.3	44.4	39.5	34.5	29.6	24.7	24.7	19.7
45°	148.0	93.7	78.9	59.2	49.3	44.4	39.5	29.6	24.7	24.7	19.7
42.5°	202.3	138.1	98.7	69.1	54.3	44.4	39.5	34.5	24.7	24.7	19.7
40°	256.5	187.5	123.3	88.8	64.1	49.3	39.5	34.5	29.6	24.7	19.7
37.5°	315.7	231.9	162.8	113.5	74.0	54.3	44.4	34.5	29.6	24.7	19.7
35°	389.7	291.1	202.3	138.1	88.8	64.1	49.3	34.5	29.6	24.7	19.7
32.5°	473.6	345.3	241.7	167.7	113.5	78.9	54.3	39.5	29.6	24.7	19.7
30°	552.5	409.5	286.1	202.3	138.1	88.8	59.2	39.5	29.6	24.7	14.8
27.5°	631.5	473.6	340.4	236.8	167.7	103.6	64.1	44.4	29.6	24.7	19.7
25°	710.4	537.7	394.7	271.3	192.4	123.3	78.9	49.3	29.6	24.7	19.7
22.5°	779.5	601.9	444.0	310.8	222.0	143.1	88.8	54.3	34.5	24.7	19.7
20°	858.4	670.9	498.3	355.2	246.7	162.8	98.7	59.2	34.5	24.7	19.7
17.5°	932.4	740.0	552.5	394.7	276.3	182.5	113.5	64.1	39.5	24.7	19.7
15°	1006.4	804.1	601.9	434.1	305.9	202.3	123.3	69.1	44.4	24.7	19.7
12.5°	1075.4	863.3	646.3	468.7	330.5	222.0	133.2	74.0	49.3	24.7	19.7
10°	1139.6	917.6	690.7	498.3	355.2	236.8	143.1	83.9	54.3	24.7	19.7
7.5°	1203.7	962.0	725.2	527.9	384.8	256.5	152.9	88.8	59.2	29.6	19.7
5°	1243.2	1001.4	754.8	552.5	409.5	276.3	162.8	93.7	64.1	29.6	19.7
2.5°	1277.7	1031.0	774.5	577.2	434.1	291.1	162.8	98.7	69.1	29.6	19.7
0°	1297.4	1050.8	789.3	592.0	453.9	300.9	167.7	103.6	74.0	29.6	19.7
-2.5°	1341.8	1085.3	823.8	611.7	473.6	330.5	177.6	108.5	78.9	34.5	19.7
-5°	1371.4	1105.0	848.5	631.5	488.4	360.1	192.4	118.4	88.8	44.4	24.7
-7.5°	1396.1	1124.8	868.2	641.3	503.2	370.0	197.3	123.3	93.7	49.3	24.7
-10°	1401.0	1134.6	883.0	656.1	513.1	384.8	202.3	128.3	98.7	54.3	24.7
-12.5°	1406.0	1144.5	888.0	666.0	522.9	394.7	207.2	133.2	103.6	59.2	24.7
-15°	1401.0	1139.6	888.0	675.9	527.9	384.8	217.1	138.1	108.5	64.1	24.7
-17.5°	1391.2	1134.6	883.0	670.9	522.9	374.9	222.0	148.0	108.5	69.1	29.6
-20°	1376.4	1119.8	873.2	666.0	518.0	365.1	226.9	152.9	113.5	69.1	29.6

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CATALOG NUMBER: IFLD-L-SA7C-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1351.7	1095.2	853.4	651.2	508.1	355.2	226.9	162.8	118.4	69.1	29.6
-25°	1322.1	1070.5	833.7	631.5	493.3	340.4	226.9	167.7	123.3	69.1	29.6
-27.5°	1287.6	1045.8	804.1	616.7	473.6	330.5	226.9	172.7	128.3	69.1	29.6
-30°	1248.1	1011.3	779.5	592.0	458.8	330.5	231.9	177.6	133.2	69.1	29.6
-32.5°	1208.6	976.8	749.9	572.3	439.1	325.6	231.9	182.5	138.1	64.1	34.5
-35°	1164.2	937.3	725.2	557.5	424.3	315.7	236.8	182.5	133.2	64.1	34.5
-37.5°	1110.0	888.0	700.5	542.7	414.4	305.9	236.8	187.5	128.3	64.1	34.5
-40°	1050.8	848.5	670.9	522.9	399.6	300.9	236.8	187.5	123.3	64.1	39.5
-42.5°	986.6	804.1	641.3	503.2	384.8	296.0	236.8	187.5	118.4	64.1	39.5
-45°	927.4	759.7	606.8	478.5	370.0	296.0	236.8	182.5	108.5	69.1	39.5
-47.5°	863.3	710.4	567.3	453.9	365.1	291.1	231.9	172.7	98.7	69.1	39.5
-50°	809.1	661.1	537.7	429.2	355.2	296.0	236.8	157.9	98.7	69.1	39.5
-52.5°	754.8	626.5	503.2	419.3	345.3	300.9	231.9	148.0	98.7	69.1	39.5
-55°	710.4	592.0	483.5	404.5	355.2	310.8	222.0	133.2	98.7	69.1	39.5
-57.5°	675.9	572.3	468.7	409.5	370.0	300.9	207.2	128.3	98.7	64.1	39.5
-60°	651.2	552.5	473.6	429.2	374.9	286.1	197.3	128.3	98.7	64.1	34.5
-62.5°	631.5	557.5	498.3	444.0	355.2	266.4	187.5	128.3	88.8	59.2	34.5
-65°	636.4	577.2	508.1	424.3	340.4	246.7	172.7	123.3	83.9	54.3	34.5
-67.5°	651.2	562.4	478.5	399.6	305.9	222.0	157.9	113.5	78.9	54.3	34.5
-70°	601.9	518.0	434.1	340.4	261.5	192.4	148.0	103.6	69.1	49.3	34.5
-72.5°	542.7	434.1	345.3	276.3	222.0	177.6	133.2	93.7	64.1	44.4	29.6
-75°	394.7	315.7	256.5	231.9	197.3	157.9	118.4	83.9	59.2	44.4	29.6
-77.5°	281.2	261.5	236.8	212.1	177.6	138.1	103.6	78.9	54.3	39.5	24.7
-80°	276.3	251.6	222.0	182.5	148.0	118.4	88.8	69.1	49.3	34.5	19.7
-82.5°	231.9	197.3	167.7	138.1	113.5	93.7	74.0	54.3	39.5	24.7	14.8
-85°	143.1	123.3	108.5	93.7	78.9	64.1	49.3	34.5	24.7	14.8	9.9
-87.5°	69.1	64.1	54.3	44.4	39.5	29.6	24.7	19.7	14.8	9.9	4.9
-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):

	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°	4.9	0.0	0.0	0.0
80°	4.9	0.0	0.0	0.0
77.5°	4.9	0.0	0.0	0.0
75°	4.9	4.9	0.0	0.0
72.5°	4.9	4.9	0.0	0.0
70°	9.9	4.9	4.9	0.0
67.5°	9.9	4.9	4.9	0.0
65°	9.9	4.9	4.9	0.0
62.5°	9.9	4.9	4.9	0.0
60°	9.9	4.9	4.9	0.0
57.5°	9.9	4.9	4.9	0.0
55°	9.9	4.9	4.9	0.0
52.5°	9.9	4.9	4.9	0.0
50°	9.9	4.9	4.9	0.0
47.5°	9.9	9.9	4.9	0.0
45°	9.9	9.9	4.9	0.0
42.5°	9.9	9.9	4.9	0.0
40°	9.9	9.9	4.9	0.0
37.5°	9.9	9.9	4.9	0.0
35°	9.9	9.9	4.9	0.0
32.5°	14.8	9.9	4.9	0.0
30°	14.8	9.9	9.9	0.0
27.5°	14.8	9.9	9.9	0.0
25°	14.8	9.9	9.9	0.0
22.5°	14.8	9.9	9.9	0.0
20°	14.8	9.9	9.9	0.0
17.5°	14.8	9.9	9.9	0.0
15°	14.8	9.9	9.9	0.0
12.5°	14.8	9.9	9.9	0.0
10°	14.8	9.9	9.9	0.0
7.5°	14.8	9.9	9.9	0.0
5°	14.8	9.9	9.9	0.0
2.5°	14.8	9.9	9.9	0.0
0°	14.8	9.9	9.9	0.0
-2.5°	14.8	9.9	9.9	0.0
-5°	14.8	9.9	9.9	0.0
-7.5°	14.8	9.9	9.9	0.0
-10°	14.8	9.9	9.9	0.0
-12.5°	19.7	9.9	9.9	0.0
-15°	19.7	9.9	9.9	0.0
-17.5°	19.7	9.9	9.9	0.0
-20°	19.7	9.9	9.9	0.0

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CATALOG NUMBER: IFLD-L-SA7C-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	19.7	9.9	9.9	0.0
-25°	19.7	9.9	9.9	0.0
-27.5°	19.7	9.9	9.9	0.0
-30°	19.7	9.9	9.9	0.0
-32.5°	19.7	9.9	9.9	0.0
-35°	19.7	9.9	9.9	0.0
-37.5°	19.7	9.9	9.9	0.0
-40°	19.7	9.9	9.9	0.0
-42.5°	14.8	9.9	4.9	0.0
-45°	19.7	9.9	4.9	0.0
-47.5°	19.7	9.9	4.9	0.0
-50°	19.7	9.9	4.9	0.0
-52.5°	19.7	9.9	4.9	0.0
-55°	19.7	9.9	4.9	0.0
-57.5°	19.7	9.9	4.9	0.0
-60°	19.7	9.9	4.9	0.0
-62.5°	19.7	9.9	4.9	0.0
-65°	19.7	9.9	4.9	0.0
-67.5°	19.7	9.9	4.9	0.0
-70°	19.7	4.9	4.9	0.0
-72.5°	14.8	4.9	4.9	0.0
-75°	14.8	4.9	4.9	0.0
-77.5°	9.9	4.9	0.0	0.0
-80°	9.9	4.9	0.0	0.0
-82.5°	9.9	4.9	0.0	0.0
-85°	4.9	0.0	0.0	0.0
-87.5°	4.9	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)