

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: P723685

Luminaire Tested: **IFLD-L-SA7D-730-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723685
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7D-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:	23514.5 lumens	Max Intensity:	553213.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	55.6 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:	8527.3 lumens	Field Lumens:	13594.2 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

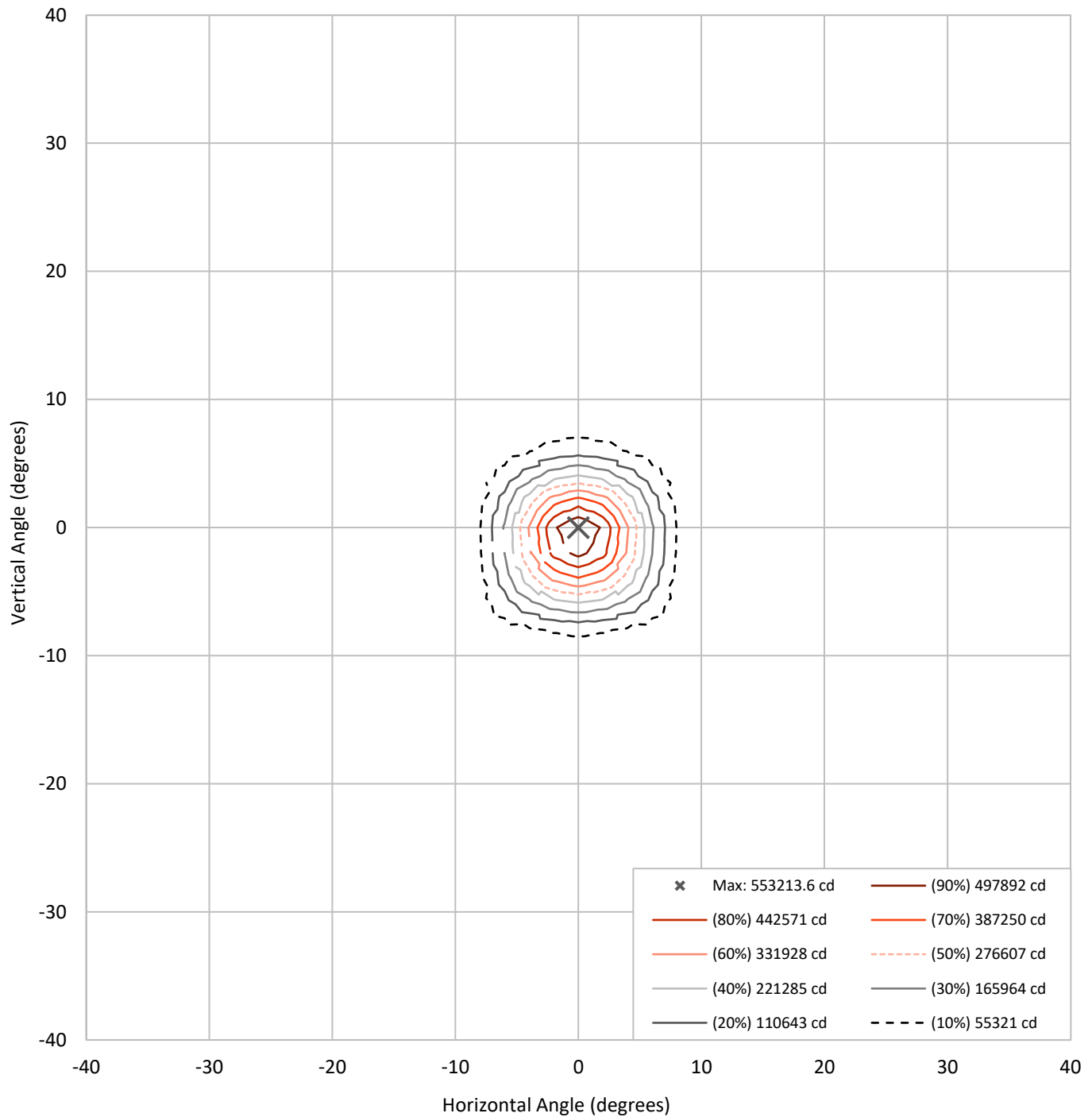
Input Watts (W): 422.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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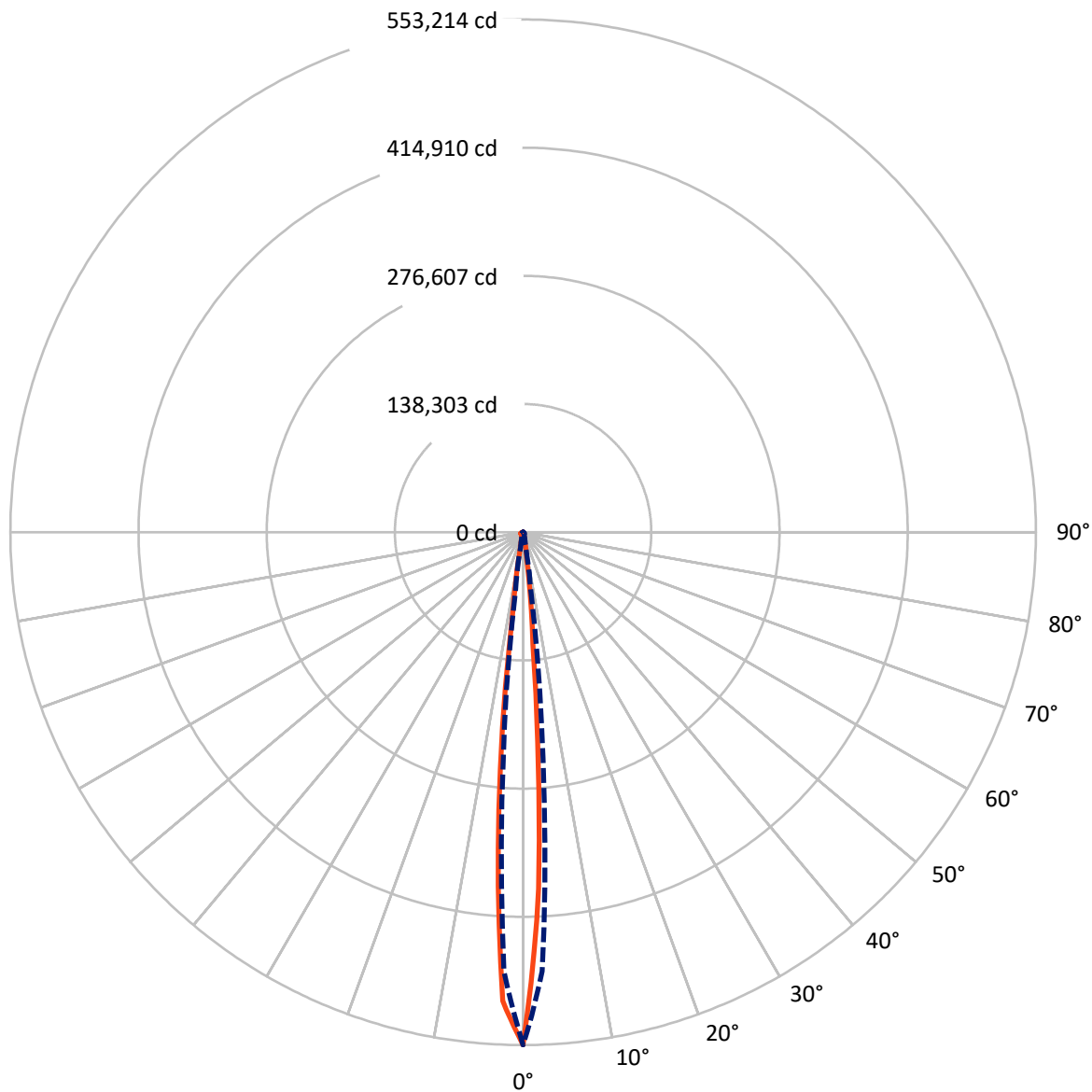
Lumen Table

90																				
80	0.4	5.2		5.7		2.2		0.6		2.2		5.7		5.2		0.4				
70	0.6	1.2	1.5	1.1	0.9	0.7	0.6	0.3	0.3	0.6	0.7	0.9	1.1	1.5	1.2	0.6				
60		0.7	1.1	2.8	6.1	9.9	12.7	14.6	14.6	12.7	9.9	6.1	2.8	1.1	0.7					
50	0.6	0.8	3.2	10.7	21.1	30.8	37.1	41.1	41.1	37.1	30.8	21.1	10.7	3.2	0.8	0.6				
40		1.6	8.2	22.0	35.8	42.0	45.4	46.9	46.9	45.4	42.0	35.8	22.0	8.2	1.6					
30	0.9	3.1	13.9	32.0	41.4	42.7	50.3	60.6	60.6	50.3	42.7	41.4	32.0	13.9	3.1	0.9				
20		4.8	19.6	39.3	44.2	49.8	87.6	149.2	149.2	87.6	49.8	44.2	39.3	19.6	4.8					
10	1.6	6.2	24.0	43.2	45.8	61.5	166.6	3086.9	3086.9	166.6	61.5	45.8	43.2	24.0	6.2	1.6				
0		7.3	26.3	45.4	47.5	63.6	179.4	4500.9	4500.9	179.4	63.6	47.5	45.4	26.3	7.3					
-10	2.3	7.8	26.9	47.8	51.4	57.4	104.3	200.2	200.2	104.3	57.4	51.4	47.8	26.9	7.8	2.3				
-20		7.3	25.6	48.4	57.7	57.8	67.6	82.4	82.4	67.6	57.8	57.7	48.4	25.6	7.3					
-30	2.5	6.5	22.6	46.3	63.5	69.2	72.0	72.6	72.6	72.0	69.2	63.5	46.3	22.6	6.5	2.5				
-40		5.7	18.2	39.3	61.2	74.4	83.4	87.5	87.5	83.4	74.4	61.2	39.3	18.2	5.7					
-50	2.0	5.2	14.0	30.5	52.2	70.1	81.5	86.2	86.2	81.5	70.1	52.2	30.5	14.0	5.2	2.0				
-60		4.8	12.4	24.8	43.6	61.3	74.2	80.2	80.2	74.2	61.3	43.6	24.8	12.4	4.8					
-70	0.9	14.6	43.3		80.2		88.6		80.2		43.3		14.6		0.9					
-80																				
-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



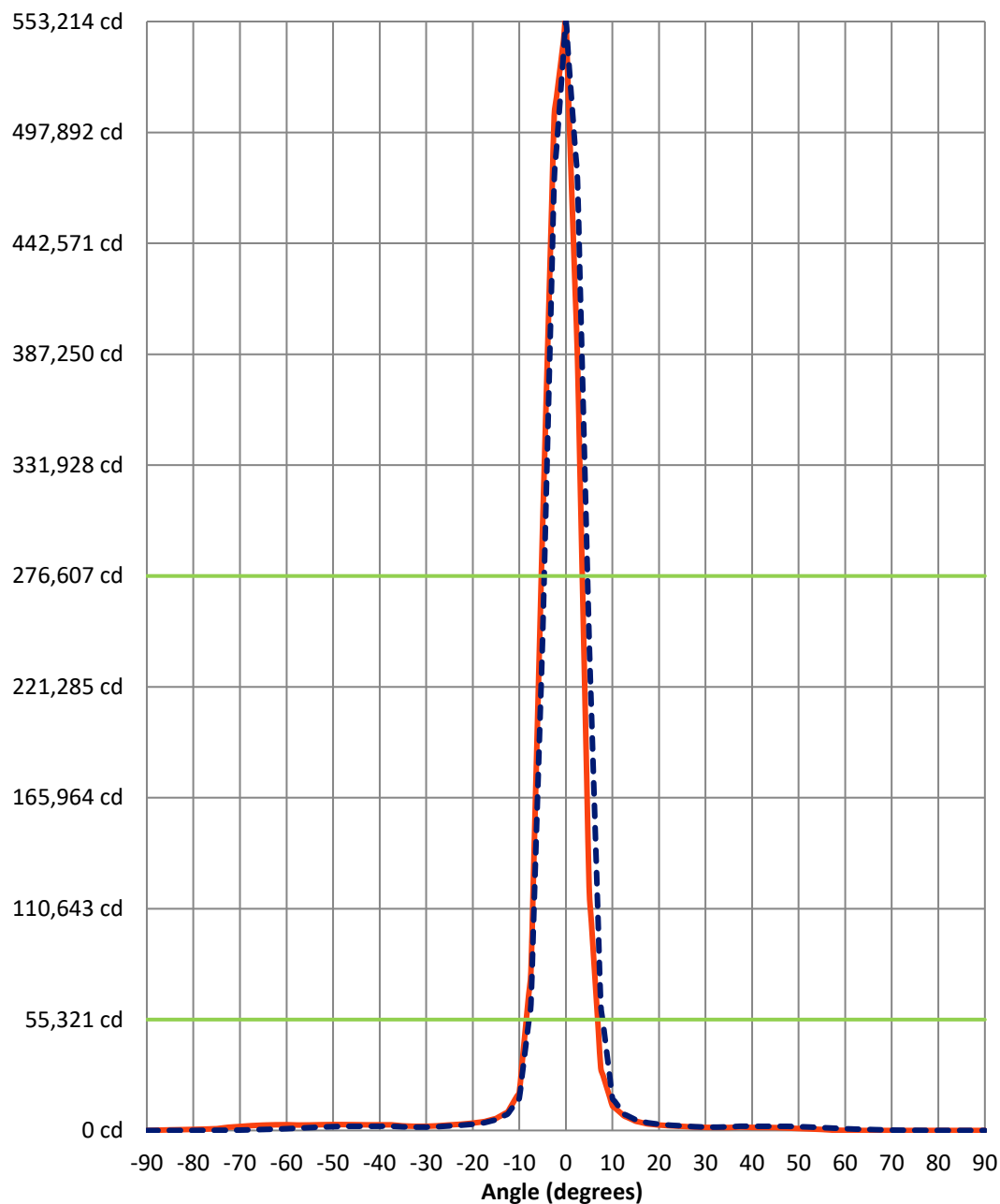
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 8527.3

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 13594.2

Efficiency: 57.8%

Spill:

Lumens: 9920.3

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	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
85°	0.0	5.4	5.4	10.9	10.9	10.9	16.3	21.7	27.1	27.1	32.6
82.5°	0.0	5.4	5.4	10.9	10.9	16.3	16.3	27.1	32.6	38.0	48.9
80°	5.4	5.4	5.4	10.9	10.9	16.3	16.3	21.7	27.1	38.0	43.4
77.5°	0.0	5.4	5.4	5.4	10.9	10.9	10.9	16.3	21.7	27.1	32.6
75°	0.0	5.4	5.4	5.4	10.9	10.9	10.9	10.9	16.3	16.3	21.7
72.5°	0.0	0.0	0.0	5.4	5.4	10.9	10.9	10.9	16.3	16.3	16.3
70°	0.0	0.0	0.0	5.4	5.4	10.9	10.9	10.9	16.3	16.3	16.3
67.5°	0.0	0.0	0.0	5.4	5.4	10.9	10.9	10.9	16.3	16.3	16.3
65°	0.0	0.0	0.0	5.4	5.4	10.9	10.9	16.3	16.3	16.3	16.3
62.5°	5.4	5.4	5.4	10.9	16.3	16.3	21.7	27.1	27.1	27.1	27.1
60°	54.3	59.7	65.1	65.1	59.7	59.7	65.1	65.1	65.1	65.1	65.1
57.5°	146.6	157.4	162.8	162.8	162.8	157.4	179.1	184.6	162.8	152.0	168.3
55°	510.3	526.5	515.7	499.4	466.8	428.8	418.0	412.5	418.0	390.8	347.4
52.5°	743.7	760.0	754.5	743.7	722.0	694.8	673.1	651.4	629.7	586.2	537.4
50°	966.2	971.7	966.2	955.4	933.7	906.5	863.1	814.2	770.8	760.0	716.5
47.5°	1215.9	1232.2	1232.2	1226.8	1210.5	1161.6	1096.5	1025.9	993.4	982.5	939.1
45°	1438.5	1449.3	1454.8	1460.2	1454.8	1405.9	1346.2	1308.2	1237.6	1215.9	1215.9
42.5°	1498.2	1503.6	1509.1	1514.5	1530.8	1492.8	1443.9	1378.8	1362.5	1357.1	1346.2
40°	1519.9	1509.1	1514.5	1519.9	1525.3	1498.2	1460.2	1422.2	1411.3	1400.5	1400.5
37.5°	1726.2	1677.3	1639.3	1606.8	1579.6	1552.5	1514.5	1481.9	1454.8	1433.1	1454.8
35°	1471.1	1471.1	1509.1	1541.6	1574.2	1606.8	1612.2	1574.2	1514.5	1487.3	1525.3
32.5°	1503.6	1503.6	1503.6	1514.5	1525.3	1552.5	1579.6	1595.9	1639.3	1590.5	1590.5
30°	1536.2	1541.6	1552.5	1557.9	1541.6	1530.8	1519.9	1519.9	1547.0	1617.6	1655.6
27.5°	1726.2	1726.2	1709.9	1688.2	1639.3	1563.3	1525.3	1471.1	1476.5	1509.1	1601.3
25°	2035.6	2024.7	1986.7	1932.5	1845.6	1737.0	1633.9	1519.9	1471.1	1454.8	1492.8
22.5°	2328.7	2312.4	2263.6	2214.7	2144.2	2035.6	1861.9	1688.2	1536.2	1471.1	1454.8
20°	2703.3	2665.3	2611.0	2535.0	2421.0	2312.4	2160.4	1932.5	1709.9	1541.6	1476.5
17.5°	3305.8	3256.9	3153.8	3018.1	2822.7	2654.4	2437.3	2220.1	1970.5	1699.0	1552.5
15°	4624.9	4500.0	4320.9	3946.3	3560.9	3240.7	2915.0	2551.3	2296.1	1937.9	1715.3
12.5°	7273.8	6931.9	6410.8	5536.8	4673.7	3930.0	3403.5	2936.7	2524.1	2193.0	1878.2
10°	12311.2	11578.4	10140.0	7751.5	6161.1	4793.1	3848.6	3224.4	2703.3	2361.3	2013.9
7.5°	31136.4	25398.7	17972.9	12273.2	8060.9	5857.1	4402.3	3495.8	2893.3	2469.8	2122.4
5°	121353.7	99966.5	53327.0	22255.8	12126.7	7083.9	4901.7	3712.9	3018.1	2551.3	2203.9
2.5°	385139.0	332593.7	174496.2	47909.6	14889.7	7979.5	5243.7	3848.6	3088.7	2611.0	2263.6
0°	553213.6	474124.1	244895.0	63011.0	16149.0	8207.5	5352.2	3875.8	3099.5	2621.8	2263.6
-2.5°	506096.5	442933.5	236568.1	58635.8	16501.8	8272.6	5439.1	3968.0	3180.9	2670.7	2279.9
-5°	300719.0	263774.4	165023.9	41808.3	14661.7	7681.0	5211.1	3886.6	3126.7	2643.6	2269.0
-7.5°	79230.6	68591.2	45119.5	21816.1	9488.6	6497.6	4787.7	3750.9	3056.1	2594.7	2225.6
-10°	19102.0	18103.2	16170.7	9912.0	7387.8	5428.2	4244.9	3506.6	2915.0	2529.6	2155.0
-12.5°	9211.7	8994.6	8164.1	6731.0	5482.5	4510.9	3843.2	3251.5	2784.7	2415.6	2057.3
-15°	5992.8	5867.9	5585.7	5037.4	4402.3	3935.5	3468.6	2991.0	2621.8	2247.3	1975.9
-17.5°	4434.9	4429.4	4288.3	4082.0	3767.2	3419.8	3077.8	2773.8	2415.6	2095.3	1889.0
-20°	3674.9	3674.9	3593.5	3457.8	3235.2	3007.2	2779.3	2497.0	2203.9	1965.0	1878.2

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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°	3121.2	3126.7	3083.2	2996.4	2877.0	2687.0	2464.4	2236.4	2024.7	1937.9	1910.7
-25°	2763.0	2752.1	2703.3	2621.8	2497.0	2345.0	2198.4	2046.4	1986.7	1965.0	2003.0
-27.5°	2339.6	2355.9	2334.1	2296.1	2214.7	2106.2	2073.6	2030.2	2041.0	2073.6	2220.1
-30°	2089.9	2106.2	2127.9	2144.2	2117.0	2089.9	2100.7	2133.3	2203.9	2328.7	2383.0
-32.5°	2089.9	2095.3	2127.9	2160.4	2176.7	2198.4	2258.1	2366.7	2469.8	2437.3	2426.4
-35°	2279.9	2263.6	2307.0	2350.4	2410.1	2486.1	2551.3	2529.6	2491.6	2480.7	2491.6
-37.5°	2822.7	2719.5	2676.1	2649.0	2632.7	2621.8	2605.6	2589.3	2573.0	2562.1	2578.4
-40°	2817.3	2790.1	2763.0	2741.3	2725.0	2703.3	2692.4	2687.0	2670.7	2659.8	2649.0
-42.5°	2806.4	2817.3	2817.3	2811.8	2817.3	2811.8	2795.5	2773.8	2746.7	2725.0	2703.3
-45°	2887.8	2893.3	2904.1	2915.0	2931.2	2909.5	2877.0	2839.0	2801.0	2768.4	2741.3
-47.5°	2936.7	2942.1	2953.0	2969.2	2980.1	2958.4	2915.0	2866.1	2806.4	2752.1	2697.8
-50°	2953.0	2969.2	2974.7	2974.7	2969.2	2942.1	2877.0	2806.4	2741.3	2687.0	2638.1
-52.5°	2877.0	2893.3	2898.7	2887.8	2882.4	2855.3	2795.5	2730.4	2659.8	2621.8	2578.4
-55°	2752.1	2773.8	2790.1	2790.1	2790.1	2784.7	2730.4	2670.7	2616.4	2573.0	2529.6
-57.5°	2703.3	2741.3	2773.8	2779.3	2784.7	2790.1	2752.1	2692.4	2627.3	2562.1	2507.8
-60°	2882.4	2915.0	2931.2	2909.5	2893.3	2877.0	2817.3	2746.7	2681.6	2616.4	2513.3
-62.5°	2833.5	2887.8	2915.0	2898.7	2877.0	2849.8	2784.7	2703.3	2627.3	2556.7	2453.6
-65°	2676.1	2725.0	2757.5	2730.4	2697.8	2659.8	2600.1	2524.1	2453.6	2383.0	2290.7
-67.5°	2410.1	2480.7	2535.0	2475.3	2431.9	2383.0	2334.1	2269.0	2198.4	2117.0	2030.2
-70°	1992.2	2046.4	2095.3	2079.0	2068.2	2057.3	2024.7	1959.6	1899.9	1834.7	1758.7
-72.5°	1601.3	1650.2	1693.6	1666.5	1644.8	1612.2	1563.3	1492.8	1422.2	1351.6	1281.1
-75°	884.8	901.1	917.4	911.9	911.9	911.9	911.9	917.4	906.5	890.2	857.7
-77.5°	678.5	700.2	716.5	727.4	743.7	765.4	781.7	754.5	727.4	700.2	667.7
-80°	532.0	553.7	570.0	629.7	673.1	722.0	754.5	716.5	678.5	646.0	618.8
-82.5°	401.7	418.0	434.3	466.8	488.5	515.7	537.4	537.4	532.0	526.5	510.3
-85°	293.1	314.8	336.6	347.4	363.7	363.7	369.1	347.4	325.7	309.4	287.7
-87.5°	168.3	173.7	173.7	173.7	179.1	179.1	179.1	168.3	162.8	152.0	146.6
-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°	5.4	5.4	5.4	10.9	10.9	16.3	16.3	21.7	21.7	27.1	27.1
85°	32.6	32.6	32.6	38.0	38.0	43.4	48.9	54.3	59.7	59.7	65.1
82.5°	54.3	59.7	65.1	70.6	76.0	81.4	86.9	92.3	108.6	119.4	124.8
80°	54.3	59.7	76.0	86.9	97.7	108.6	108.6	108.6	108.6	114.0	124.8
77.5°	38.0	43.4	48.9	59.7	86.9	108.6	124.8	135.7	124.8	119.4	108.6
75°	21.7	27.1	32.6	38.0	54.3	76.0	103.1	130.3	152.0	146.6	135.7
72.5°	21.7	21.7	27.1	32.6	38.0	43.4	48.9	76.0	108.6	135.7	152.0
70°	21.7	27.1	27.1	32.6	38.0	43.4	48.9	59.7	76.0	108.6	141.1
67.5°	21.7	27.1	27.1	38.0	48.9	54.3	59.7	54.3	48.9	70.6	103.1
65°	21.7	21.7	27.1	32.6	38.0	43.4	59.7	59.7	54.3	54.3	54.3
62.5°	32.6	32.6	32.6	32.6	38.0	38.0	38.0	48.9	48.9	48.9	48.9
60°	65.1	59.7	59.7	59.7	59.7	48.9	48.9	48.9	43.4	48.9	43.4
57.5°	157.4	130.3	119.4	119.4	103.1	97.7	81.4	59.7	59.7	48.9	48.9
55°	320.3	304.0	255.1	211.7	190.0	168.3	130.3	108.6	81.4	65.1	59.7
52.5°	494.0	450.5	407.1	352.8	298.6	255.1	217.1	168.3	135.7	97.7	76.0
50°	646.0	608.0	559.1	499.4	428.8	374.5	320.3	255.1	200.8	152.0	108.6
47.5°	879.4	803.4	743.7	673.1	591.7	515.7	445.1	369.1	282.3	222.6	168.3
45°	1129.1	1020.5	939.1	873.9	765.4	662.2	580.8	499.4	396.3	293.1	228.0
42.5°	1302.8	1221.4	1112.8	1025.9	928.2	819.7	711.1	624.2	515.7	396.3	293.1
40°	1395.1	1340.8	1253.9	1177.9	1074.8	955.4	841.4	754.5	640.5	510.3	369.1
37.5°	1465.6	1438.5	1395.1	1335.3	1237.6	1096.5	982.5	879.4	781.7	629.7	477.7
35°	1547.0	1541.6	1514.5	1487.3	1405.9	1270.2	1134.5	1015.1	895.7	754.5	586.2
32.5°	1623.0	1617.6	1601.3	1590.5	1557.9	1438.5	1291.9	1156.2	1020.5	873.9	689.4
30°	1661.0	1650.2	1650.2	1661.0	1628.5	1552.5	1443.9	1297.3	1145.4	971.7	798.0
27.5°	1661.0	1650.2	1655.6	1671.9	1666.5	1628.5	1547.0	1427.6	1259.4	1063.9	895.7
25°	1590.5	1644.8	1644.8	1666.5	1671.9	1661.0	1617.6	1541.6	1367.9	1161.6	971.7
22.5°	1492.8	1623.0	1671.9	1666.5	1671.9	1699.0	1704.5	1633.9	1471.1	1259.4	1047.7
20°	1492.8	1585.0	1726.2	1688.2	1699.0	1758.7	1785.9	1726.2	1579.6	1351.6	1123.6
17.5°	1525.3	1585.0	1704.5	1764.2	1780.5	1829.3	1872.7	1834.7	1677.3	1449.3	1226.8
15°	1617.6	1606.8	1688.2	1834.7	1861.9	1899.9	1948.7	1905.3	1764.2	1557.9	1324.5
12.5°	1682.8	1623.0	1688.2	1845.6	1932.5	1970.5	1986.7	1954.2	1840.2	1655.6	1422.2
10°	1769.6	1666.5	1699.0	1834.7	1959.6	1986.7	2003.0	1992.2	1910.7	1737.0	1509.1
7.5°	1834.7	1688.2	1688.2	1818.5	1986.7	2008.4	2019.3	2030.2	1970.5	1807.6	1585.0
5°	1861.9	1688.2	1677.3	1802.2	2013.9	2035.6	2035.6	2051.9	2013.9	1861.9	1639.3
2.5°	1867.3	1682.8	1666.5	1791.3	2062.7	2062.7	2051.9	2068.2	2046.4	1894.5	1677.3
0°	1894.5	1677.3	1661.0	1807.6	2117.0	2095.3	2068.2	2073.6	2062.7	1910.7	1699.0
-2.5°	1894.5	1704.5	1682.8	1818.5	2111.6	2106.2	2095.3	2100.7	2089.9	1959.6	1742.5
-5°	1921.6	1742.5	1720.8	1867.3	2106.2	2122.4	2127.9	2127.9	2111.6	1992.2	1769.6
-7.5°	1927.0	1769.6	1764.2	1916.2	2117.0	2144.2	2160.4	2171.3	2138.7	2013.9	1791.3
-10°	1899.9	1780.5	1807.6	1975.9	2127.9	2165.9	2198.4	2214.7	2160.4	2024.7	1802.2
-12.5°	1840.2	1780.5	1851.0	2051.9	2155.0	2198.4	2247.3	2252.7	2182.2	2030.2	1807.6
-15°	1834.7	1823.9	1927.0	2127.9	2171.3	2225.6	2301.6	2285.3	2198.4	2030.2	1807.6
-17.5°	1829.3	1883.6	2041.0	2155.0	2198.4	2258.1	2317.9	2301.6	2209.3	2030.2	1796.7
-20°	1878.2	1981.3	2176.7	2182.2	2231.0	2296.1	2328.7	2296.1	2193.0	2013.9	1780.5

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CATALOG NUMBER: IFLD-L-SA7D-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°	1959.6	2155.0	2220.1	2241.9	2285.3	2334.1	2350.4	2301.6	2176.7	1986.7	1753.3
-25°	2165.9	2263.6	2263.6	2312.4	2355.9	2377.6	2361.3	2307.0	2155.0	1959.6	1726.2
-27.5°	2323.3	2317.9	2345.0	2393.9	2431.9	2431.9	2388.4	2279.9	2122.4	1932.5	1688.2
-30°	2383.0	2388.4	2426.4	2480.7	2491.6	2464.4	2399.3	2258.1	2095.3	1889.0	1639.3
-32.5°	2442.7	2464.4	2513.3	2540.4	2545.8	2491.6	2372.1	2220.1	2051.9	1840.2	1585.0
-35°	2513.3	2556.7	2583.8	2589.3	2562.1	2469.8	2334.1	2171.3	1986.7	1769.6	1536.2
-37.5°	2605.6	2627.3	2643.6	2621.8	2545.8	2437.3	2269.0	2106.2	1927.0	1693.6	1465.6
-40°	2665.3	2676.1	2681.6	2611.0	2518.7	2361.3	2198.4	2030.2	1823.9	1606.8	1389.6
-42.5°	2703.3	2692.4	2649.0	2573.0	2437.3	2285.3	2127.9	1937.9	1731.6	1519.9	1308.2
-45°	2692.4	2654.4	2589.3	2497.0	2355.9	2203.9	2019.3	1829.3	1633.9	1427.6	1215.9
-47.5°	2649.0	2589.3	2507.8	2399.3	2269.0	2084.4	1899.9	1715.3	1525.3	1324.5	1129.1
-50°	2594.7	2524.1	2426.4	2290.7	2117.0	1948.7	1780.5	1601.3	1405.9	1221.4	1047.7
-52.5°	2535.0	2459.0	2334.1	2182.2	1992.2	1818.5	1655.6	1481.9	1302.8	1129.1	977.1
-55°	2469.8	2393.9	2252.7	2079.0	1889.0	1699.0	1541.6	1395.1	1221.4	1053.1	917.4
-57.5°	2437.3	2339.6	2193.0	2019.3	1818.5	1623.0	1487.3	1329.9	1172.5	998.8	868.5
-60°	2410.1	2312.4	2176.7	1975.9	1785.9	1601.3	1443.9	1291.9	1123.6	960.8	830.5
-62.5°	2334.1	2231.0	2106.2	1910.7	1726.2	1557.9	1416.8	1237.6	1074.8	922.8	803.4
-65°	2182.2	2073.6	1965.0	1791.3	1623.0	1465.6	1324.5	1161.6	1009.7	879.4	776.2
-67.5°	1943.3	1851.0	1753.3	1606.8	1465.6	1324.5	1194.2	1053.1	928.2	835.9	781.7
-70°	1677.3	1579.6	1481.9	1362.5	1243.1	1129.1	1025.9	922.8	841.4	792.5	749.1
-72.5°	1221.4	1177.9	1129.1	1036.8	939.1	868.5	819.7	776.2	716.5	673.1	646.0
-75°	814.2	754.5	678.5	646.0	651.4	640.5	613.4	580.8	553.7	537.4	499.4
-77.5°	635.1	602.5	564.5	526.5	510.3	494.0	472.3	445.1	423.4	385.4	331.1
-80°	586.2	559.1	532.0	504.8	477.7	439.7	396.3	352.8	331.1	314.8	309.4
-82.5°	483.1	450.5	418.0	390.8	352.8	325.7	298.6	276.8	276.8	271.4	266.0
-85°	276.8	266.0	249.7	238.8	228.0	211.7	195.4	184.6	179.1	173.7	168.3
-87.5°	141.1	135.7	124.8	119.4	114.0	108.6	97.7	92.3	86.9	86.9	81.4
-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-L-SA7D-730-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°	27.1	27.1	21.7	21.7	21.7	16.3	10.9	10.9	5.4	5.4	0.0
85°	65.1	54.3	48.9	43.4	43.4	32.6	21.7	16.3	10.9	5.4	5.4
82.5°	124.8	108.6	92.3	81.4	65.1	48.9	38.0	27.1	16.3	10.9	5.4
80°	141.1	141.1	135.7	114.0	92.3	70.6	48.9	32.6	21.7	16.3	10.9
77.5°	108.6	119.4	119.4	119.4	114.0	86.9	59.7	38.0	21.7	16.3	10.9
75°	124.8	108.6	103.1	108.6	103.1	86.9	70.6	43.4	27.1	21.7	10.9
72.5°	152.0	130.3	114.0	108.6	97.7	81.4	65.1	48.9	27.1	21.7	16.3
70°	141.1	135.7	124.8	114.0	97.7	81.4	65.1	48.9	32.6	21.7	16.3
67.5°	124.8	124.8	124.8	114.0	97.7	76.0	59.7	43.4	32.6	21.7	16.3
65°	86.9	103.1	114.0	108.6	97.7	76.0	59.7	43.4	32.6	27.1	16.3
62.5°	54.3	70.6	92.3	103.1	92.3	76.0	54.3	43.4	32.6	27.1	16.3
60°	48.9	54.3	65.1	81.4	86.9	70.6	54.3	38.0	32.6	27.1	16.3
57.5°	48.9	48.9	54.3	65.1	70.6	65.1	48.9	32.6	32.6	27.1	21.7
55°	54.3	48.9	48.9	54.3	59.7	59.7	48.9	32.6	32.6	27.1	21.7
52.5°	65.1	54.3	48.9	48.9	48.9	54.3	43.4	32.6	32.6	27.1	21.7
50°	81.4	65.1	59.7	48.9	48.9	48.9	43.4	32.6	27.1	27.1	21.7
47.5°	108.6	86.9	65.1	59.7	48.9	43.4	38.0	32.6	27.1	27.1	21.7
45°	162.8	103.1	86.9	65.1	54.3	48.9	43.4	32.6	27.1	27.1	21.7
42.5°	222.6	152.0	108.6	76.0	59.7	48.9	43.4	38.0	27.1	27.1	21.7
40°	282.3	206.3	135.7	97.7	70.6	54.3	43.4	38.0	32.6	27.1	21.7
37.5°	347.4	255.1	179.1	124.8	81.4	59.7	48.9	38.0	32.6	27.1	21.7
35°	428.8	320.3	222.6	152.0	97.7	70.6	54.3	38.0	32.6	27.1	21.7
32.5°	521.1	380.0	266.0	184.6	124.8	86.9	59.7	43.4	32.6	27.1	21.7
30°	608.0	450.5	314.8	222.6	152.0	97.7	65.1	43.4	32.6	27.1	16.3
27.5°	694.8	521.1	374.5	260.6	184.6	114.0	70.6	48.9	32.6	27.1	21.7
25°	781.7	591.7	434.3	298.6	211.7	135.7	86.9	54.3	32.6	27.1	21.7
22.5°	857.7	662.2	488.5	342.0	244.3	157.4	97.7	59.7	38.0	27.1	21.7
20°	944.5	738.2	548.3	390.8	271.4	179.1	108.6	65.1	38.0	27.1	21.7
17.5°	1025.9	814.2	608.0	434.3	304.0	200.8	124.8	70.6	43.4	27.1	21.7
15°	1107.4	884.8	662.2	477.7	336.6	222.6	135.7	76.0	48.9	27.1	21.7
12.5°	1183.4	949.9	711.1	515.7	363.7	244.3	146.6	81.4	54.3	27.1	21.7
10°	1253.9	1009.7	760.0	548.3	390.8	260.6	157.4	92.3	59.7	27.1	21.7
7.5°	1324.5	1058.5	798.0	580.8	423.4	282.3	168.3	97.7	65.1	32.6	21.7
5°	1367.9	1101.9	830.5	608.0	450.5	304.0	179.1	103.1	70.6	32.6	21.7
2.5°	1405.9	1134.5	852.2	635.1	477.7	320.3	179.1	108.6	76.0	32.6	21.7
0°	1427.6	1156.2	868.5	651.4	499.4	331.1	184.6	114.0	81.4	32.6	21.7
-2.5°	1476.5	1194.2	906.5	673.1	521.1	363.7	195.4	119.4	86.9	38.0	21.7
-5°	1509.1	1215.9	933.7	694.8	537.4	396.3	211.7	130.3	97.7	48.9	27.1
-7.5°	1536.2	1237.6	955.4	705.7	553.7	407.1	217.1	135.7	103.1	54.3	27.1
-10°	1541.6	1248.5	971.7	722.0	564.5	423.4	222.6	141.1	108.6	59.7	27.1
-12.5°	1547.0	1259.4	977.1	732.8	575.4	434.3	228.0	146.6	114.0	65.1	27.1
-15°	1541.6	1253.9	977.1	743.7	580.8	423.4	238.8	152.0	119.4	70.6	27.1
-17.5°	1530.8	1248.5	971.7	738.2	575.4	412.5	244.3	162.8	119.4	76.0	32.6
-20°	1514.5	1232.2	960.8	732.8	570.0	401.7	249.7	168.3	124.8	76.0	32.6

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CATALOG NUMBER: IFLD-L-SA7D-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°	1487.3	1205.1	939.1	716.5	559.1	390.8	249.7	179.1	130.3	76.0	32.6
-25°	1454.8	1177.9	917.4	694.8	542.8	374.5	249.7	184.6	135.7	76.0	32.6
-27.5°	1416.8	1150.8	884.8	678.5	521.1	363.7	249.7	190.0	141.1	76.0	32.6
-30°	1373.3	1112.8	857.7	651.4	504.8	363.7	255.1	195.4	146.6	76.0	32.6
-32.5°	1329.9	1074.8	825.1	629.7	483.1	358.3	255.1	200.8	152.0	70.6	38.0
-35°	1281.1	1031.4	798.0	613.4	466.8	347.4	260.6	200.8	146.6	70.6	38.0
-37.5°	1221.4	977.1	770.8	597.1	456.0	336.6	260.6	206.3	141.1	70.6	38.0
-40°	1156.2	933.7	738.2	575.4	439.7	331.1	260.6	206.3	135.7	70.6	43.4
-42.5°	1085.6	884.8	705.7	553.7	423.4	325.7	260.6	206.3	130.3	70.6	43.4
-45°	1020.5	835.9	667.7	526.5	407.1	325.7	260.6	200.8	119.4	76.0	43.4
-47.5°	949.9	781.7	624.2	499.4	401.7	320.3	255.1	190.0	108.6	76.0	43.4
-50°	890.2	727.4	591.7	472.3	390.8	325.7	260.6	173.7	108.6	76.0	43.4
-52.5°	830.5	689.4	553.7	461.4	380.0	331.1	255.1	162.8	108.6	76.0	43.4
-55°	781.7	651.4	532.0	445.1	390.8	342.0	244.3	146.6	108.6	76.0	43.4
-57.5°	743.7	629.7	515.7	450.5	407.1	331.1	228.0	141.1	108.6	70.6	43.4
-60°	716.5	608.0	521.1	472.3	412.5	314.8	217.1	141.1	108.6	70.6	38.0
-62.5°	694.8	613.4	548.3	488.5	390.8	293.1	206.3	141.1	97.7	65.1	38.0
-65°	700.2	635.1	559.1	466.8	374.5	271.4	190.0	135.7	92.3	59.7	38.0
-67.5°	716.5	618.8	526.5	439.7	336.6	244.3	173.7	124.8	86.9	59.7	38.0
-70°	662.2	570.0	477.7	374.5	287.7	211.7	162.8	114.0	76.0	54.3	38.0
-72.5°	597.1	477.7	380.0	304.0	244.3	195.4	146.6	103.1	70.6	48.9	32.6
-75°	434.3	347.4	282.3	255.1	217.1	173.7	130.3	92.3	65.1	48.9	32.6
-77.5°	309.4	287.7	260.6	233.4	195.4	152.0	114.0	86.9	59.7	43.4	27.1
-80°	304.0	276.8	244.3	200.8	162.8	130.3	97.7	76.0	54.3	38.0	21.7
-82.5°	255.1	217.1	184.6	152.0	124.8	103.1	81.4	59.7	43.4	27.1	16.3
-85°	157.4	135.7	119.4	103.1	86.9	70.6	54.3	38.0	27.1	16.3	10.9
-87.5°	76.0	70.6	59.7	48.9	43.4	32.6	27.1	21.7	16.3	10.9	5.4
-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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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°	5.4	0.0	0.0	0.0
80°	5.4	0.0	0.0	0.0
77.5°	5.4	0.0	0.0	0.0
75°	5.4	5.4	0.0	0.0
72.5°	5.4	5.4	0.0	0.0
70°	10.9	5.4	5.4	0.0
67.5°	10.9	5.4	5.4	0.0
65°	10.9	5.4	5.4	0.0
62.5°	10.9	5.4	5.4	0.0
60°	10.9	5.4	5.4	0.0
57.5°	10.9	5.4	5.4	0.0
55°	10.9	5.4	5.4	0.0
52.5°	10.9	5.4	5.4	0.0
50°	10.9	5.4	5.4	0.0
47.5°	10.9	10.9	5.4	0.0
45°	10.9	10.9	5.4	0.0
42.5°	10.9	10.9	5.4	0.0
40°	10.9	10.9	5.4	0.0
37.5°	10.9	10.9	5.4	0.0
35°	10.9	10.9	5.4	0.0
32.5°	16.3	10.9	5.4	0.0
30°	16.3	10.9	10.9	0.0
27.5°	16.3	10.9	10.9	0.0
25°	16.3	10.9	10.9	0.0
22.5°	16.3	10.9	10.9	0.0
20°	16.3	10.9	10.9	0.0
17.5°	16.3	10.9	10.9	0.0
15°	16.3	10.9	10.9	0.0
12.5°	16.3	10.9	10.9	0.0
10°	16.3	10.9	10.9	0.0
7.5°	16.3	10.9	10.9	0.0
5°	16.3	10.9	10.9	0.0
2.5°	16.3	10.9	10.9	0.0
0°	16.3	10.9	10.9	0.0
-2.5°	16.3	10.9	10.9	0.0
-5°	16.3	10.9	10.9	0.0
-7.5°	16.3	10.9	10.9	0.0
-10°	16.3	10.9	10.9	0.0
-12.5°	21.7	10.9	10.9	0.0
-15°	21.7	10.9	10.9	0.0
-17.5°	21.7	10.9	10.9	0.0
-20°	21.7	10.9	10.9	0.0

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CATALOG NUMBER: IFLD-L-SA7D-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	21.7	10.9	10.9	0.0
-25°	21.7	10.9	10.9	0.0
-27.5°	21.7	10.9	10.9	0.0
-30°	21.7	10.9	10.9	0.0
-32.5°	21.7	10.9	10.9	0.0
-35°	21.7	10.9	10.9	0.0
-37.5°	21.7	10.9	10.9	0.0
-40°	21.7	10.9	10.9	0.0
-42.5°	16.3	10.9	5.4	0.0
-45°	21.7	10.9	5.4	0.0
-47.5°	21.7	10.9	5.4	0.0
-50°	21.7	10.9	5.4	0.0
-52.5°	21.7	10.9	5.4	0.0
-55°	21.7	10.9	5.4	0.0
-57.5°	21.7	10.9	5.4	0.0
-60°	21.7	10.9	5.4	0.0
-62.5°	21.7	10.9	5.4	0.0
-65°	21.7	10.9	5.4	0.0
-67.5°	21.7	10.9	5.4	0.0
-70°	21.7	5.4	5.4	0.0
-72.5°	16.3	5.4	5.4	0.0
-75°	16.3	5.4	5.4	0.0
-77.5°	10.9	5.4	0.0	0.0
-80°	10.9	5.4	0.0	0.0
-82.5°	10.9	5.4	0.0	0.0
-85°	5.4	0.0	0.0	0.0
-87.5°	5.4	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)