

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: P723718

Luminaire Tested: **IFLD-L-SA8C-735-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723718
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8C-735-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (128) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	26453.5 lumens	Max Intensity:	622357.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	62.9 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:	9593.1 lumens	Field Lumens:	15293.3 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

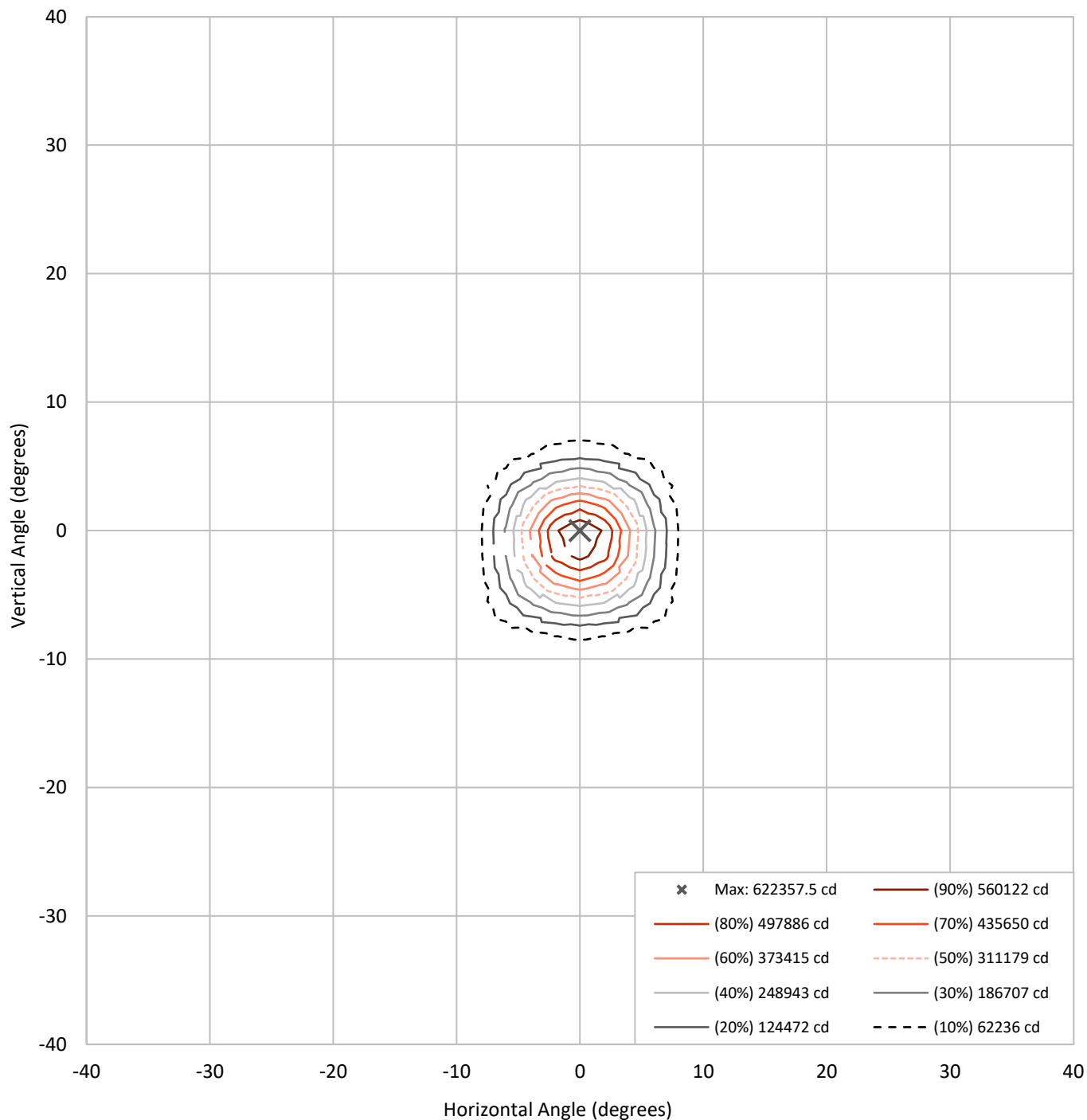
Input Watts (W): 420.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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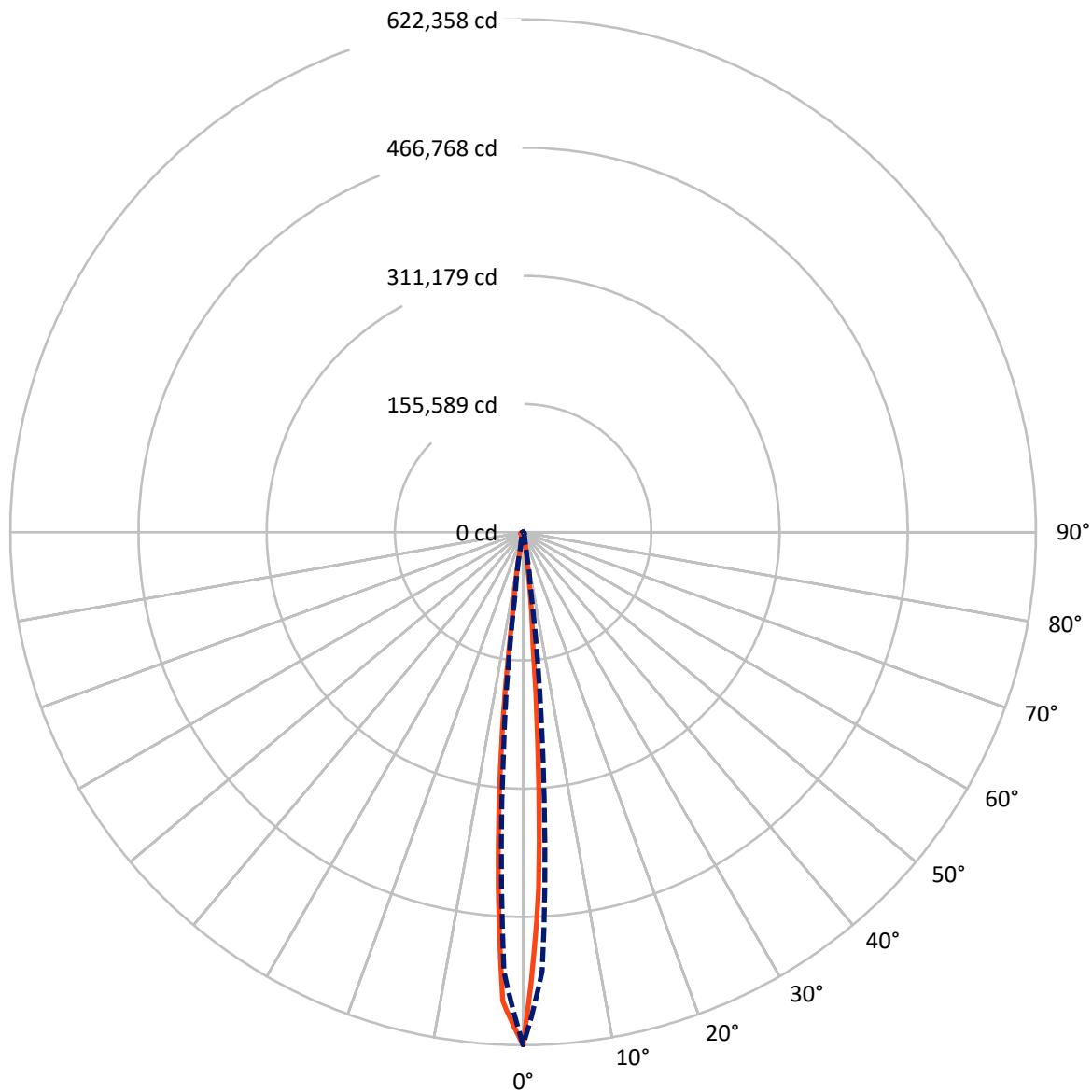
Lumen Table

90																				
80	0.4		5.9		6.4		2.5		0.7		2.5		6.4		5.9		0.4			
70	0.7		1.3	1.7	1.3	1.1	0.8	0.7	0.4	0.4	0.7	0.8	1.1	1.3	1.7	1.3	0.7			
60			0.8	1.2	3.1	6.8	11.1	14.3	16.4	16.4	14.3	11.1	6.8	3.1	1.2	0.8				
50	0.7		0.9	3.6	12.0	23.7	34.7	41.8	46.3	46.3	41.8	34.7	23.7	12.0	3.6	0.9	0.7			
40			1.8	9.2	24.7	40.2	47.2	51.0	52.8	52.8	51.0	47.2	40.2	24.7	9.2	1.8				
30	1.1		3.4	15.7	36.0	46.6	48.0	56.6	68.2	68.2	56.6	48.0	46.6	36.0	15.7	3.4	1.1			
20			5.4	22.0	44.2	49.7	56.1	98.5	167.9	167.9	98.5	56.1	49.7	44.2	22.0	5.4				
10	1.8		7.0	27.0	48.6	51.5	69.2	187.4	3472.7	3472.7	187.4	69.2	51.5	48.6	27.0	7.0	1.8			
0			8.2	29.5	51.1	53.4	71.6	201.9	5063.5	5063.5	201.9	71.6	53.4	51.1	29.5	8.2				
-10	2.5		8.7	30.3	53.8	57.8	64.5	117.4	225.2	225.2	117.4	64.5	57.8	53.8	30.3	8.7	2.5			
-20			8.2	28.8	54.5	64.9	65.0	76.0	92.7	92.7	76.0	65.0	64.9	54.5	28.8	8.2				
-30	2.8		7.3	25.4	52.1	71.4	77.8	81.0	81.7	81.7	81.0	77.8	71.4	52.1	25.4	7.3	2.8			
-40			6.4	20.5	44.2	68.9	83.7	93.9	98.4	98.4	93.9	83.7	68.9	44.2	20.5	6.4				
-50	2.2		5.8	15.8	34.3	58.7	78.9	91.6	96.9	96.9	91.6	78.9	58.7	34.3	15.8	5.8	2.2			
-60			5.4	13.9	27.9	49.0	69.0	83.5	90.2	90.2	83.5	69.0	49.0	27.9	13.9	5.4				
-70	1.0																1.0			
-80			16.4		48.7		90.3		99.7		90.3		48.7		16.4					
-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



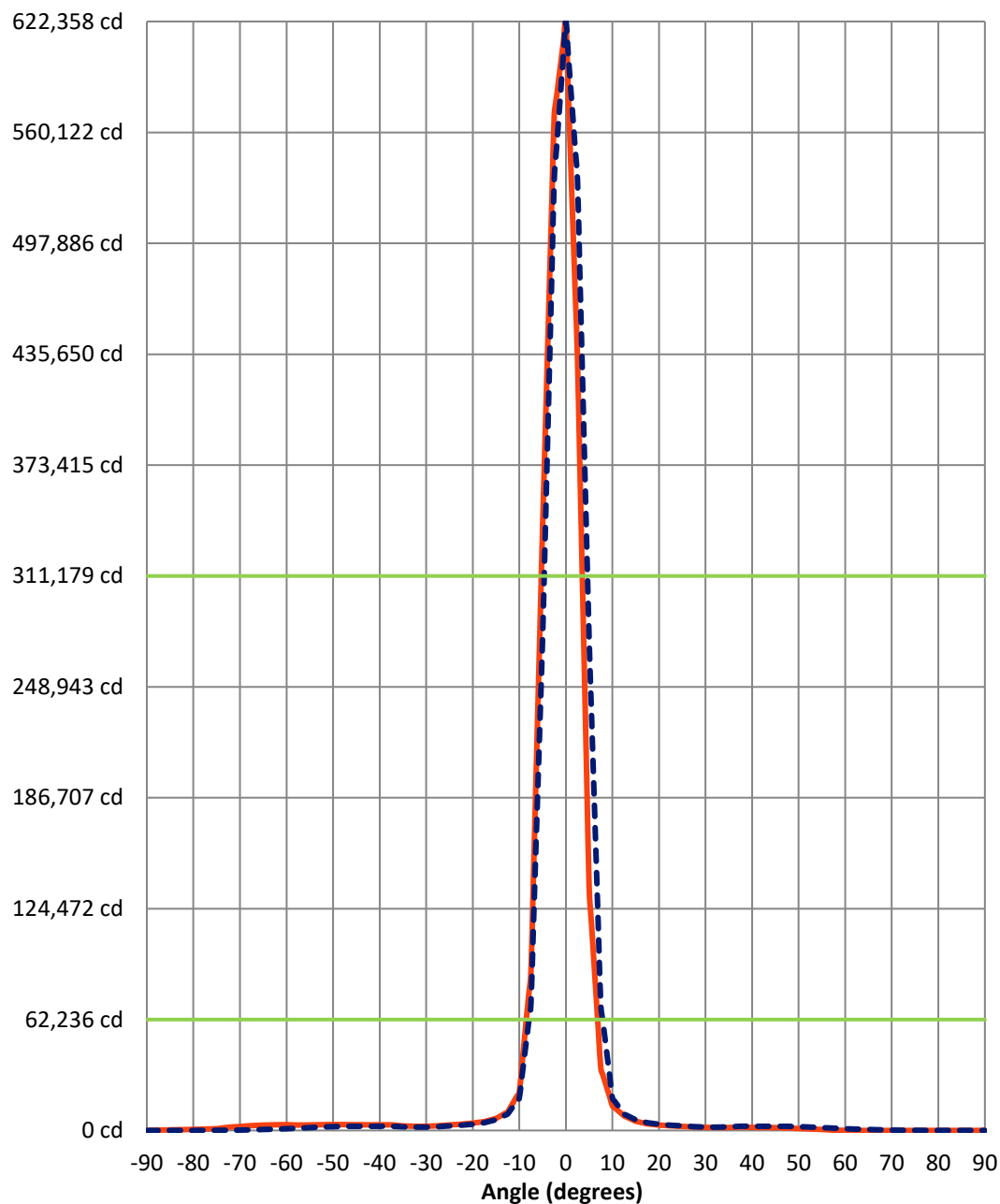
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 9593.1

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 15293.3

Efficiency: 57.8%

Spill:

Lumens: 11160.2

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	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
85°	0.0	6.1	6.1	12.2	12.2	12.2	18.3	24.4	30.5	30.5	36.6
82.5°	0.0	6.1	6.1	12.2	12.2	18.3	18.3	30.5	36.6	42.7	55.0
80°	6.1	6.1	6.1	12.2	12.2	18.3	18.3	24.4	30.5	42.7	48.9
77.5°	0.0	6.1	6.1	6.1	12.2	12.2	12.2	18.3	24.4	30.5	36.6
75°	0.0	6.1	6.1	6.1	12.2	12.2	12.2	12.2	18.3	18.3	24.4
72.5°	0.0	0.0	0.0	6.1	6.1	12.2	12.2	12.2	18.3	18.3	18.3
70°	0.0	0.0	0.0	6.1	6.1	12.2	12.2	12.2	18.3	18.3	18.3
67.5°	0.0	0.0	0.0	6.1	6.1	12.2	12.2	12.2	18.3	18.3	18.3
65°	0.0	0.0	0.0	6.1	6.1	12.2	12.2	18.3	18.3	18.3	18.3
62.5°	6.1	6.1	6.1	12.2	18.3	18.3	24.4	30.5	30.5	30.5	30.5
60°	61.1	67.2	73.3	73.3	67.2	67.2	73.3	73.3	73.3	73.3	73.3
57.5°	164.9	177.1	183.2	183.2	183.2	177.1	201.5	207.6	183.2	171.0	189.3
55°	574.0	592.3	580.1	561.8	525.2	482.4	470.2	464.1	470.2	439.7	390.8
52.5°	836.6	854.9	848.8	836.6	812.2	781.7	757.2	732.8	708.4	659.5	604.6
50°	1087.0	1093.1	1087.0	1074.8	1050.4	1019.8	971.0	916.0	867.2	854.9	806.1
47.5°	1367.9	1386.2	1386.2	1380.1	1361.8	1306.8	1233.6	1154.2	1117.5	1105.3	1056.5
45°	1618.3	1630.5	1636.6	1642.7	1636.6	1581.6	1514.5	1471.7	1392.3	1367.9	1367.9
42.5°	1685.4	1691.6	1697.7	1703.8	1722.1	1679.3	1624.4	1551.1	1532.8	1526.7	1514.5
40°	1709.9	1697.7	1703.8	1709.9	1716.0	1685.4	1642.7	1600.0	1587.7	1575.5	1575.5
37.5°	1941.9	1887.0	1844.2	1807.6	1777.0	1746.5	1703.8	1667.1	1636.6	1612.2	1636.6
35°	1654.9	1654.9	1697.7	1734.3	1770.9	1807.6	1813.7	1770.9	1703.8	1673.2	1716.0
32.5°	1691.6	1691.6	1691.6	1703.8	1716.0	1746.5	1777.0	1795.4	1844.2	1789.3	1789.3
30°	1728.2	1734.3	1746.5	1752.6	1734.3	1722.1	1709.9	1709.9	1740.4	1819.8	1862.5
27.5°	1941.9	1941.9	1923.6	1899.2	1844.2	1758.7	1716.0	1654.9	1661.0	1697.7	1801.5
25°	2290.0	2277.8	2235.0	2174.0	2076.3	1954.1	1838.1	1709.9	1654.9	1636.6	1679.3
22.5°	2619.8	2601.5	2546.5	2491.5	2412.1	2290.0	2094.6	1899.2	1728.2	1654.9	1636.6
20°	3041.1	2998.4	2937.3	2851.8	2723.6	2601.5	2430.5	2174.0	1923.6	1734.3	1661.0
17.5°	3719.0	3664.0	3548.0	3395.3	3175.5	2986.2	2741.9	2497.6	2216.7	1911.4	1746.5
15°	5202.9	5062.4	4860.9	4439.6	4006.0	3645.7	3279.3	2870.1	2583.1	2180.1	1929.7
12.5°	8183.0	7798.2	7212.0	6228.8	5257.9	4421.2	3828.9	3303.7	2839.6	2467.1	2112.9
10°	13850.0	13025.6	11407.3	8720.4	6931.1	5392.2	4329.6	3627.4	3041.1	2656.4	2265.6
7.5°	35028.0	28573.2	20219.3	13807.2	9068.4	6589.1	4952.5	3932.7	3254.9	2778.5	2387.7
5°	136521.2	112460.9	59992.2	25037.4	13642.4	7969.2	5514.3	4177.0	3395.3	2870.1	2479.3
2.5°	433276.0	374163.2	196305.8	53897.7	16750.7	8976.8	5899.1	4329.6	3474.7	2937.3	2546.5
0°	622357.5	533383.0	275503.5	70886.5	18167.4	9233.3	6021.2	4360.2	3486.9	2949.5	2546.5
-2.5°	569351.4	498294.0	266135.8	65964.5	18564.3	9306.6	6118.9	4464.0	3578.5	3004.5	2564.8
-5°	338304.7	296742.5	185649.6	47033.8	16494.2	8641.0	5862.4	4372.4	3517.5	2974.0	2552.6
-7.5°	89133.3	77164.2	50758.8	24542.8	10674.5	7309.7	5386.1	4219.7	3438.1	2919.0	2503.7
-10°	21489.5	20365.8	18191.8	11150.8	8311.2	6106.7	4775.4	3944.9	3279.3	2845.7	2424.4
-12.5°	10363.1	10118.8	9184.5	7572.3	6167.8	5074.7	4323.5	3657.9	3132.7	2717.5	2314.4
-15°	6741.8	6601.3	6283.8	5667.0	4952.5	4427.4	3902.2	3364.8	2949.5	2528.2	2222.8
-17.5°	4989.2	4983.1	4824.3	4592.2	4238.0	3847.2	3462.5	3120.5	2717.5	2357.2	2125.1
-20°	4134.2	4134.2	4042.6	3890.0	3639.6	3383.1	3126.6	2809.1	2479.3	2210.6	2112.9

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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°	3511.3	3517.5	3468.6	3370.9	3236.5	3022.8	2772.4	2516.0	2277.8	2180.1	2149.6
-25°	3108.3	3096.1	3041.1	2949.5	2809.1	2638.1	2473.2	2302.2	2235.0	2210.6	2253.4
-27.5°	2632.0	2650.3	2625.9	2583.1	2491.5	2369.4	2332.8	2283.9	2296.1	2332.8	2497.6
-30°	2351.1	2369.4	2393.8	2412.1	2381.6	2351.1	2363.3	2399.9	2479.3	2619.8	2680.8
-32.5°	2351.1	2357.2	2393.8	2430.5	2448.8	2473.2	2540.4	2662.5	2778.5	2741.9	2729.7
-35°	2564.8	2546.5	2595.3	2644.2	2711.4	2796.9	2870.1	2845.7	2803.0	2790.8	2803.0
-37.5°	3175.5	3059.5	3010.6	2980.1	2961.7	2949.5	2931.2	2912.9	2894.6	2882.4	2900.7
-40°	3169.4	3138.8	3108.3	3083.9	3065.6	3041.1	3028.9	3022.8	3004.5	2992.3	2980.1
-42.5°	3157.2	3169.4	3169.4	3163.3	3169.4	3163.3	3144.9	3120.5	3090.0	3065.6	3041.1
-45°	3248.8	3254.9	3267.1	3279.3	3297.6	3273.2	3236.5	3193.8	3151.1	3114.4	3083.9
-47.5°	3303.7	3309.8	3322.0	3340.4	3352.6	3328.1	3279.3	3224.3	3157.2	3096.1	3035.0
-50°	3322.0	3340.4	3346.5	3346.5	3340.4	3309.8	3236.5	3157.2	3083.9	3022.8	2967.9
-52.5°	3236.5	3254.9	3261.0	3248.8	3242.7	3212.1	3144.9	3071.7	2992.3	2949.5	2900.7
-55°	3096.1	3120.5	3138.8	3138.8	3138.8	3132.7	3071.7	3004.5	2943.4	2894.6	2845.7
-57.5°	3041.1	3083.9	3120.5	3126.6	3132.7	3138.8	3096.1	3028.9	2955.6	2882.4	2821.3
-60°	3242.7	3279.3	3297.6	3273.2	3254.9	3236.5	3169.4	3090.0	3016.7	2943.4	2827.4
-62.5°	3187.7	3248.8	3279.3	3261.0	3236.5	3206.0	3132.7	3041.1	2955.6	2876.3	2760.2
-65°	3010.6	3065.6	3102.2	3071.7	3035.0	2992.3	2925.1	2839.6	2760.2	2680.8	2577.0
-67.5°	2711.4	2790.8	2851.8	2784.7	2735.8	2680.8	2625.9	2552.6	2473.2	2381.6	2283.9
-70°	2241.2	2302.2	2357.2	2338.9	2326.7	2314.4	2277.8	2204.5	2137.3	2064.1	1978.6
-72.5°	1801.5	1856.4	1905.3	1874.8	1850.3	1813.7	1758.7	1679.3	1600.0	1520.6	1441.2
-75°	995.4	1013.7	1032.0	1025.9	1025.9	1025.9	1025.9	1032.0	1019.8	1001.5	964.9
-77.5°	763.3	787.8	806.1	818.3	836.6	861.0	879.4	848.8	818.3	787.8	751.1
-80°	598.5	622.9	641.2	708.4	757.2	812.2	848.8	806.1	763.3	726.7	696.2
-82.5°	451.9	470.2	488.5	525.2	549.6	580.1	604.6	604.6	598.5	592.3	574.0
-85°	329.8	354.2	378.6	390.8	409.1	409.1	415.3	390.8	366.4	348.1	323.7
-87.5°	189.3	195.4	195.4	195.4	201.5	201.5	201.5	189.3	183.2	171.0	164.9
-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):

	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°	6.1	6.1	6.1	12.2	12.2	18.3	18.3	24.4	24.4	30.5	30.5
85°	36.6	36.6	36.6	42.7	42.7	48.9	55.0	61.1	67.2	67.2	73.3
82.5°	61.1	67.2	73.3	79.4	85.5	91.6	97.7	103.8	122.1	134.3	140.5
80°	61.1	67.2	85.5	97.7	109.9	122.1	122.1	122.1	122.1	128.2	140.5
77.5°	42.7	48.9	55.0	67.2	97.7	122.1	140.5	152.7	140.5	134.3	122.1
75°	24.4	30.5	36.6	42.7	61.1	85.5	116.0	146.6	171.0	164.9	152.7
72.5°	24.4	24.4	30.5	36.6	42.7	48.9	55.0	85.5	122.1	152.7	171.0
70°	24.4	30.5	30.5	36.6	42.7	48.9	55.0	67.2	85.5	122.1	158.8
67.5°	24.4	30.5	30.5	42.7	55.0	61.1	67.2	61.1	55.0	79.4	116.0
65°	24.4	24.4	30.5	36.6	42.7	48.9	67.2	67.2	61.1	61.1	61.1
62.5°	36.6	36.6	36.6	36.6	42.7	42.7	42.7	55.0	55.0	55.0	55.0
60°	73.3	67.2	67.2	67.2	67.2	55.0	55.0	55.0	48.9	55.0	48.9
57.5°	177.1	146.6	134.3	134.3	116.0	109.9	91.6	67.2	67.2	55.0	55.0
55°	360.3	342.0	287.0	238.2	213.7	189.3	146.6	122.1	91.6	73.3	67.2
52.5°	555.7	506.9	458.0	396.9	335.9	287.0	244.3	189.3	152.7	109.9	85.5
50°	726.7	683.9	629.0	561.8	482.4	421.4	360.3	287.0	225.9	171.0	122.1
47.5°	989.3	903.8	836.6	757.2	665.6	580.1	500.7	415.3	317.5	250.4	189.3
45°	1270.2	1148.1	1056.5	983.2	861.0	745.0	653.4	561.8	445.8	329.8	256.5
42.5°	1465.6	1374.0	1251.9	1154.2	1044.2	922.1	800.0	702.3	580.1	445.8	329.8
40°	1569.4	1508.4	1410.6	1325.2	1209.1	1074.8	946.5	848.8	720.6	574.0	415.3
37.5°	1648.8	1618.3	1569.4	1502.2	1392.3	1233.6	1105.3	989.3	879.4	708.4	537.4
35°	1740.4	1734.3	1703.8	1673.2	1581.6	1429.0	1276.3	1142.0	1007.6	848.8	659.5
32.5°	1825.9	1819.8	1801.5	1789.3	1752.6	1618.3	1453.4	1300.7	1148.1	983.2	775.6
30°	1868.6	1856.4	1856.4	1868.6	1832.0	1746.5	1624.4	1459.5	1288.5	1093.1	897.7
27.5°	1868.6	1856.4	1862.5	1880.9	1874.8	1832.0	1740.4	1606.1	1416.8	1196.9	1007.6
25°	1789.3	1850.3	1850.3	1874.8	1880.9	1868.6	1819.8	1734.3	1538.9	1306.8	1093.1
22.5°	1679.3	1825.9	1880.9	1874.8	1880.9	1911.4	1917.5	1838.1	1654.9	1416.8	1178.6
20°	1679.3	1783.2	1941.9	1899.2	1911.4	1978.6	2009.1	1941.9	1777.0	1520.6	1264.1
17.5°	1716.0	1783.2	1917.5	1984.7	2003.0	2058.0	2106.8	2064.1	1887.0	1630.5	1380.1
15°	1819.8	1807.6	1899.2	2064.1	2094.6	2137.3	2192.3	2143.4	1984.7	1752.6	1490.0
12.5°	1893.1	1825.9	1899.2	2076.3	2174.0	2216.7	2235.0	2198.4	2070.2	1862.5	1600.0
10°	1990.8	1874.8	1911.4	2064.1	2204.5	2235.0	2253.4	2241.2	2149.6	1954.1	1697.7
7.5°	2064.1	1899.2	1899.2	2045.7	2235.0	2259.5	2271.7	2283.9	2216.7	2033.5	1783.2
5°	2094.6	1899.2	1887.0	2027.4	2265.6	2290.0	2290.0	2308.3	2265.6	2094.6	1844.2
2.5°	2100.7	1893.1	1874.8	2015.2	2320.5	2320.5	2308.3	2326.7	2302.2	2131.2	1887.0
0°	2131.2	1887.0	1868.6	2033.5	2381.6	2357.2	2326.7	2332.8	2320.5	2149.6	1911.4
-2.5°	2131.2	1917.5	1893.1	2045.7	2375.5	2369.4	2357.2	2363.3	2351.1	2204.5	1960.2
-5°	2161.8	1960.2	1935.8	2100.7	2369.4	2387.7	2393.8	2393.8	2375.5	2241.2	1990.8
-7.5°	2167.9	1990.8	1984.7	2155.7	2381.6	2412.1	2430.5	2442.7	2406.0	2265.6	2015.2
-10°	2137.3	2003.0	2033.5	2222.8	2393.8	2436.6	2473.2	2491.5	2430.5	2277.8	2027.4
-12.5°	2070.2	2003.0	2082.4	2308.3	2424.4	2473.2	2528.2	2534.3	2454.9	2283.9	2033.5
-15°	2064.1	2051.8	2167.9	2393.8	2442.7	2503.7	2589.2	2570.9	2473.2	2283.9	2033.5
-17.5°	2058.0	2119.0	2296.1	2424.4	2473.2	2540.4	2607.6	2589.2	2485.4	2283.9	2021.3
-20°	2112.9	2228.9	2448.8	2454.9	2509.9	2583.1	2619.8	2583.1	2467.1	2265.6	2003.0

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CATALOG NUMBER: IFLD-L-SA8C-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°	2204.5	2424.4	2497.6	2522.1	2570.9	2625.9	2644.2	2589.2	2448.8	2235.0	1972.5
-25°	2436.6	2546.5	2546.5	2601.5	2650.3	2674.7	2656.4	2595.3	2424.4	2204.5	1941.9
-27.5°	2613.7	2607.6	2638.1	2693.1	2735.8	2735.8	2686.9	2564.8	2387.7	2174.0	1899.2
-30°	2680.8	2686.9	2729.7	2790.8	2803.0	2772.4	2699.2	2540.4	2357.2	2125.1	1844.2
-32.5°	2748.0	2772.4	2827.4	2857.9	2864.0	2803.0	2668.6	2497.6	2308.3	2070.2	1783.2
-35°	2827.4	2876.3	2906.8	2912.9	2882.4	2778.5	2625.9	2442.7	2235.0	1990.8	1728.2
-37.5°	2931.2	2955.6	2974.0	2949.5	2864.0	2741.9	2552.6	2369.4	2167.9	1905.3	1648.8
-40°	2998.4	3010.6	3016.7	2937.3	2833.5	2656.4	2473.2	2283.9	2051.8	1807.6	1563.3
-42.5°	3041.1	3028.9	2980.1	2894.6	2741.9	2570.9	2393.8	2180.1	1948.0	1709.9	1471.7
-45°	3028.9	2986.2	2912.9	2809.1	2650.3	2479.3	2271.7	2058.0	1838.1	1606.1	1367.9
-47.5°	2980.1	2912.9	2821.3	2699.2	2552.6	2345.0	2137.3	1929.7	1716.0	1490.0	1270.2
-50°	2919.0	2839.6	2729.7	2577.0	2381.6	2192.3	2003.0	1801.5	1581.6	1374.0	1178.6
-52.5°	2851.8	2766.3	2625.9	2454.9	2241.2	2045.7	1862.5	1667.1	1465.6	1270.2	1099.2
-55°	2778.5	2693.1	2534.3	2338.9	2125.1	1911.4	1734.3	1569.4	1374.0	1184.7	1032.0
-57.5°	2741.9	2632.0	2467.1	2271.7	2045.7	1825.9	1673.2	1496.1	1319.0	1123.6	977.1
-60°	2711.4	2601.5	2448.8	2222.8	2009.1	1801.5	1624.4	1453.4	1264.1	1080.9	934.3
-62.5°	2625.9	2509.9	2369.4	2149.6	1941.9	1752.6	1593.8	1392.3	1209.1	1038.1	903.8
-65°	2454.9	2332.8	2210.6	2015.2	1825.9	1648.8	1490.0	1306.8	1135.8	989.3	873.3
-67.5°	2186.2	2082.4	1972.5	1807.6	1648.8	1490.0	1343.5	1184.7	1044.2	940.4	879.4
-70°	1887.0	1777.0	1667.1	1532.8	1398.4	1270.2	1154.2	1038.1	946.5	891.6	842.7
-72.5°	1374.0	1325.2	1270.2	1166.4	1056.5	977.1	922.1	873.3	806.1	757.2	726.7
-75°	916.0	848.8	763.3	726.7	732.8	720.6	690.1	653.4	622.9	604.6	561.8
-77.5°	714.5	677.8	635.1	592.3	574.0	555.7	531.3	500.7	476.3	433.6	372.5
-80°	659.5	629.0	598.5	567.9	537.4	494.6	445.8	396.9	372.5	354.2	348.1
-82.5°	543.5	506.9	470.2	439.7	396.9	366.4	335.9	311.4	311.4	305.3	299.2
-85°	311.4	299.2	280.9	268.7	256.5	238.2	219.8	207.6	201.5	195.4	189.3
-87.5°	158.8	152.7	140.5	134.3	128.2	122.1	109.9	103.8	97.7	97.7	91.6
-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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CATALOG NUMBER: IFLD-L-SA8C-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°	30.5	30.5	24.4	24.4	24.4	18.3	12.2	12.2	6.1	6.1	0.0
85°	73.3	61.1	55.0	48.9	48.9	36.6	24.4	18.3	12.2	6.1	6.1
82.5°	140.5	122.1	103.8	91.6	73.3	55.0	42.7	30.5	18.3	12.2	6.1
80°	158.8	158.8	152.7	128.2	103.8	79.4	55.0	36.6	24.4	18.3	12.2
77.5°	122.1	134.3	134.3	134.3	128.2	97.7	67.2	42.7	24.4	18.3	12.2
75°	140.5	122.1	116.0	122.1	116.0	97.7	79.4	48.9	30.5	24.4	12.2
72.5°	171.0	146.6	128.2	122.1	109.9	91.6	73.3	55.0	30.5	24.4	18.3
70°	158.8	152.7	140.5	128.2	109.9	91.6	73.3	55.0	36.6	24.4	18.3
67.5°	140.5	140.5	140.5	128.2	109.9	85.5	67.2	48.9	36.6	24.4	18.3
65°	97.7	116.0	128.2	122.1	109.9	85.5	67.2	48.9	36.6	30.5	18.3
62.5°	61.1	79.4	103.8	116.0	103.8	85.5	61.1	48.9	36.6	30.5	18.3
60°	55.0	61.1	73.3	91.6	97.7	79.4	61.1	42.7	36.6	30.5	18.3
57.5°	55.0	55.0	61.1	73.3	79.4	73.3	55.0	36.6	36.6	30.5	24.4
55°	61.1	55.0	55.0	61.1	67.2	67.2	55.0	36.6	36.6	30.5	24.4
52.5°	73.3	61.1	55.0	55.0	55.0	61.1	48.9	36.6	36.6	30.5	24.4
50°	91.6	73.3	67.2	55.0	55.0	55.0	48.9	36.6	30.5	30.5	24.4
47.5°	122.1	97.7	73.3	67.2	55.0	48.9	42.7	36.6	30.5	30.5	24.4
45°	183.2	116.0	97.7	73.3	61.1	55.0	48.9	36.6	30.5	30.5	24.4
42.5°	250.4	171.0	122.1	85.5	67.2	55.0	48.9	42.7	30.5	30.5	24.4
40°	317.5	232.1	152.7	109.9	79.4	61.1	48.9	42.7	36.6	30.5	24.4
37.5°	390.8	287.0	201.5	140.5	91.6	67.2	55.0	42.7	36.6	30.5	24.4
35°	482.4	360.3	250.4	171.0	109.9	79.4	61.1	42.7	36.6	30.5	24.4
32.5°	586.2	427.5	299.2	207.6	140.5	97.7	67.2	48.9	36.6	30.5	24.4
30°	683.9	506.9	354.2	250.4	171.0	109.9	73.3	48.9	36.6	30.5	18.3
27.5°	781.7	586.2	421.4	293.1	207.6	128.2	79.4	55.0	36.6	30.5	24.4
25°	879.4	665.6	488.5	335.9	238.2	152.7	97.7	61.1	36.6	30.5	24.4
22.5°	964.9	745.0	549.6	384.7	274.8	177.1	109.9	67.2	42.7	30.5	24.4
20°	1062.6	830.5	616.8	439.7	305.3	201.5	122.1	73.3	42.7	30.5	24.4
17.5°	1154.2	916.0	683.9	488.5	342.0	225.9	140.5	79.4	48.9	30.5	24.4
15°	1245.8	995.4	745.0	537.4	378.6	250.4	152.7	85.5	55.0	30.5	24.4
12.5°	1331.3	1068.7	800.0	580.1	409.1	274.8	164.9	91.6	61.1	30.5	24.4
10°	1410.6	1135.8	854.9	616.8	439.7	293.1	177.1	103.8	67.2	30.5	24.4
7.5°	1490.0	1190.8	897.7	653.4	476.3	317.5	189.3	109.9	73.3	36.6	24.4
5°	1538.9	1239.7	934.3	683.9	506.9	342.0	201.5	116.0	79.4	36.6	24.4
2.5°	1581.6	1276.3	958.8	714.5	537.4	360.3	201.5	122.1	85.5	36.6	24.4
0°	1606.1	1300.7	977.1	732.8	561.8	372.5	207.6	128.2	91.6	36.6	24.4
-2.5°	1661.0	1343.5	1019.8	757.2	586.2	409.1	219.8	134.3	97.7	42.7	24.4
-5°	1697.7	1367.9	1050.4	781.7	604.6	445.8	238.2	146.6	109.9	55.0	30.5
-7.5°	1728.2	1392.3	1074.8	793.9	622.9	458.0	244.3	152.7	116.0	61.1	30.5
-10°	1734.3	1404.5	1093.1	812.2	635.1	476.3	250.4	158.8	122.1	67.2	30.5
-12.5°	1740.4	1416.8	1099.2	824.4	647.3	488.5	256.5	164.9	128.2	73.3	30.5
-15°	1734.3	1410.6	1099.2	836.6	653.4	476.3	268.7	171.0	134.3	79.4	30.5
-17.5°	1722.1	1404.5	1093.1	830.5	647.3	464.1	274.8	183.2	134.3	85.5	36.6
-20°	1703.8	1386.2	1080.9	824.4	641.2	451.9	280.9	189.3	140.5	85.5	36.6



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CATALOG NUMBER: IFLD-L-SA8C-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°	1673.2	1355.7	1056.5	806.1	629.0	439.7	280.9	201.5	146.6	85.5	36.6
-25°	1636.6	1325.2	1032.0	781.7	610.7	421.4	280.9	207.6	152.7	85.5	36.6
-27.5°	1593.8	1294.6	995.4	763.3	586.2	409.1	280.9	213.7	158.8	85.5	36.6
-30°	1545.0	1251.9	964.9	732.8	567.9	409.1	287.0	219.8	164.9	85.5	36.6
-32.5°	1496.1	1209.1	928.2	708.4	543.5	403.0	287.0	225.9	171.0	79.4	42.7
-35°	1441.2	1160.3	897.7	690.1	525.2	390.8	293.1	225.9	164.9	79.4	42.7
-37.5°	1374.0	1099.2	867.2	671.7	513.0	378.6	293.1	232.1	158.8	79.4	42.7
-40°	1300.7	1050.4	830.5	647.3	494.6	372.5	293.1	232.1	152.7	79.4	48.9
-42.5°	1221.3	995.4	793.9	622.9	476.3	366.4	293.1	232.1	146.6	79.4	48.9
-45°	1148.1	940.4	751.1	592.3	458.0	366.4	293.1	225.9	134.3	85.5	48.9
-47.5°	1068.7	879.4	702.3	561.8	451.9	360.3	287.0	213.7	122.1	85.5	48.9
-50°	1001.5	818.3	665.6	531.3	439.7	366.4	293.1	195.4	122.1	85.5	48.9
-52.5°	934.3	775.6	622.9	519.1	427.5	372.5	287.0	183.2	122.1	85.5	48.9
-55°	879.4	732.8	598.5	500.7	439.7	384.7	274.8	164.9	122.1	85.5	48.9
-57.5°	836.6	708.4	580.1	506.9	458.0	372.5	256.5	158.8	122.1	79.4	48.9
-60°	806.1	683.9	586.2	531.3	464.1	354.2	244.3	158.8	122.1	79.4	42.7
-62.5°	781.7	690.1	616.8	549.6	439.7	329.8	232.1	158.8	109.9	73.3	42.7
-65°	787.8	714.5	629.0	525.2	421.4	305.3	213.7	152.7	103.8	67.2	42.7
-67.5°	806.1	696.2	592.3	494.6	378.6	274.8	195.4	140.5	97.7	67.2	42.7
-70°	745.0	641.2	537.4	421.4	323.7	238.2	183.2	128.2	85.5	61.1	42.7
-72.5°	671.7	537.4	427.5	342.0	274.8	219.8	164.9	116.0	79.4	55.0	36.6
-75°	488.5	390.8	317.5	287.0	244.3	195.4	146.6	103.8	73.3	55.0	36.6
-77.5°	348.1	323.7	293.1	262.6	219.8	171.0	128.2	97.7	67.2	48.9	30.5
-80°	342.0	311.4	274.8	225.9	183.2	146.6	109.9	85.5	61.1	42.7	24.4
-82.5°	287.0	244.3	207.6	171.0	140.5	116.0	91.6	67.2	48.9	30.5	18.3
-85°	177.1	152.7	134.3	116.0	97.7	79.4	61.1	42.7	30.5	18.3	12.2
-87.5°	85.5	79.4	67.2	55.0	48.9	36.6	30.5	24.4	18.3	12.2	6.1
-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-SA8C-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°	6.1	0.0	0.0	0.0
80°	6.1	0.0	0.0	0.0
77.5°	6.1	0.0	0.0	0.0
75°	6.1	6.1	0.0	0.0
72.5°	6.1	6.1	0.0	0.0
70°	12.2	6.1	6.1	0.0
67.5°	12.2	6.1	6.1	0.0
65°	12.2	6.1	6.1	0.0
62.5°	12.2	6.1	6.1	0.0
60°	12.2	6.1	6.1	0.0
57.5°	12.2	6.1	6.1	0.0
55°	12.2	6.1	6.1	0.0
52.5°	12.2	6.1	6.1	0.0
50°	12.2	6.1	6.1	0.0
47.5°	12.2	12.2	6.1	0.0
45°	12.2	12.2	6.1	0.0
42.5°	12.2	12.2	6.1	0.0
40°	12.2	12.2	6.1	0.0
37.5°	12.2	12.2	6.1	0.0
35°	12.2	12.2	6.1	0.0
32.5°	18.3	12.2	6.1	0.0
30°	18.3	12.2	12.2	0.0
27.5°	18.3	12.2	12.2	0.0
25°	18.3	12.2	12.2	0.0
22.5°	18.3	12.2	12.2	0.0
20°	18.3	12.2	12.2	0.0
17.5°	18.3	12.2	12.2	0.0
15°	18.3	12.2	12.2	0.0
12.5°	18.3	12.2	12.2	0.0
10°	18.3	12.2	12.2	0.0
7.5°	18.3	12.2	12.2	0.0
5°	18.3	12.2	12.2	0.0
2.5°	18.3	12.2	12.2	0.0
0°	18.3	12.2	12.2	0.0
-2.5°	18.3	12.2	12.2	0.0
-5°	18.3	12.2	12.2	0.0
-7.5°	18.3	12.2	12.2	0.0
-10°	18.3	12.2	12.2	0.0
-12.5°	24.4	12.2	12.2	0.0
-15°	24.4	12.2	12.2	0.0
-17.5°	24.4	12.2	12.2	0.0
-20°	24.4	12.2	12.2	0.0

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CATALOG NUMBER: IFLD-L-SA8C-735-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	24.4	12.2	12.2	0.0
-25°	24.4	12.2	12.2	0.0
-27.5°	24.4	12.2	12.2	0.0
-30°	24.4	12.2	12.2	0.0
-32.5°	24.4	12.2	12.2	0.0
-35°	24.4	12.2	12.2	0.0
-37.5°	24.4	12.2	12.2	0.0
-40°	24.4	12.2	12.2	0.0
-42.5°	18.3	12.2	6.1	0.0
-45°	24.4	12.2	6.1	0.0
-47.5°	24.4	12.2	6.1	0.0
-50°	24.4	12.2	6.1	0.0
-52.5°	24.4	12.2	6.1	0.0
-55°	24.4	12.2	6.1	0.0
-57.5°	24.4	12.2	6.1	0.0
-60°	24.4	12.2	6.1	0.0
-62.5°	24.4	12.2	6.1	0.0
-65°	24.4	12.2	6.1	0.0
-67.5°	24.4	12.2	6.1	0.0
-70°	24.4	6.1	6.1	0.0
-72.5°	18.3	6.1	6.1	0.0
-75°	18.3	6.1	6.1	0.0
-77.5°	12.2	6.1	0.0	0.0
-80°	12.2	6.1	0.0	0.0
-82.5°	12.2	6.1	0.0	0.0
-85°	6.1	0.0	0.0	0.0
-87.5°	6.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)