

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: P723748

Luminaire Tested: **IFLD-L-SA8D-740-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723748
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8D-740-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (128) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	29512.2 lumens	Max Intensity:	694317.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	60.4 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:	10702.3 lumens	Field Lumens:	17061.6 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

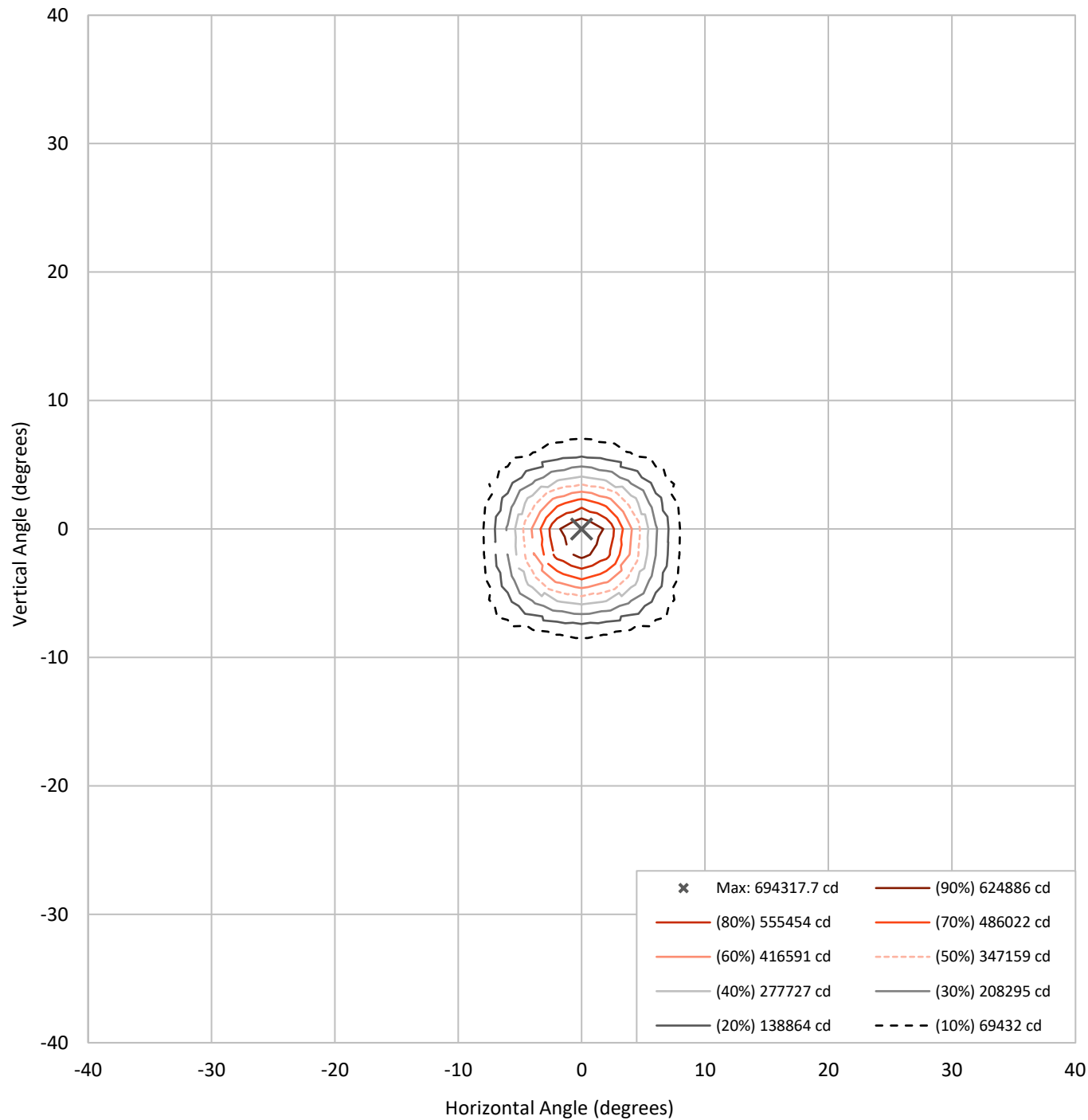
Input Watts (W): 488.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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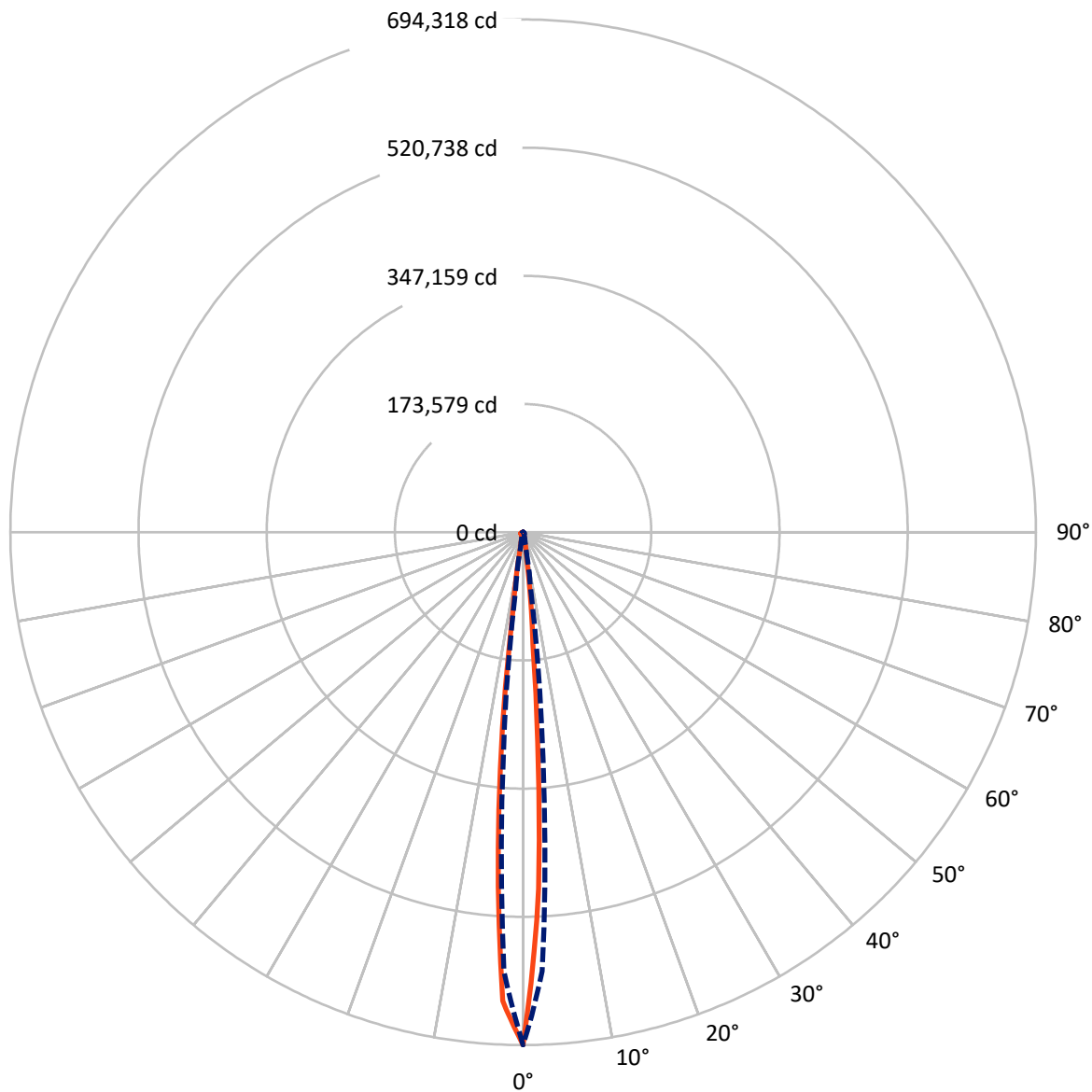
Lumen Table

Vertical Angle (degrees)																
	0.5	6.6		7.1		2.7		0.8		2.7		7.1		6.6		0.5
90																
80	0.5	6.6		7.1		2.7		0.8		2.7		7.1		6.6		0.5
70																
60	0.8	1.5	1.9	1.4	1.2	0.9	0.8	0.4	0.4	0.8	0.9	1.2	1.4	1.9	1.5	0.8
50		0.9	1.3	3.5	7.6	12.4	16.0	18.3	18.3	16.0	12.4	7.6	3.5	1.3	0.9	
40	0.7	1.0	4.0	13.4	26.5	38.7	46.6	51.6	51.6	46.6	38.7	26.5	13.4	4.0	1.0	0.7
30		2.0	10.2	27.6	44.9	52.7	56.9	58.9	58.9	56.9	52.7	44.9	27.6	10.2	2.0	
20	1.2	3.8	17.5	40.2	52.0	53.6	63.2	76.1	76.1	63.2	53.6	52.0	40.2	17.5	3.8	1.2
10		6.0	24.5	49.4	55.5	62.5	109.9	187.3	187.3	109.9	62.5	55.5	49.4	24.5	6.0	
0	2.0	7.8	30.1	54.2	57.5	77.2	209.0	3874.2	3874.2	209.0	77.2	57.5	54.2	30.1	7.8	2.0
-10		9.1	32.9	57.0	59.6	79.8	225.2	5649.0	5649.0	225.2	79.8	59.6	57.0	32.9	9.1	
-20	2.8	9.8	33.8	60.0	64.5	72.0	130.9	251.3	251.3	130.9	72.0	64.5	60.0	33.8	9.8	2.8
-30		9.2	32.1	60.7	72.4	72.5	84.8	103.4	103.4	84.8	72.5	72.4	60.7	32.1	9.2	
-40	3.1	8.2	28.4	58.1	79.7	86.8	90.4	91.1	91.1	90.4	86.8	79.7	58.1	28.4	8.2	3.1
-50		7.2	22.9	49.3	76.8	93.4	104.7	109.8	109.8	104.7	93.4	76.8	49.3	22.9	7.2	
-60	2.5	6.5	17.6	38.2	65.5	88.0	102.2	108.1	108.1	102.2	88.0	65.5	38.2	17.6	6.5	2.5
-70		6.0	15.5	31.2	54.7	76.9	93.1	100.6	100.6	93.1	76.9	54.7	31.2	15.5	6.0	
-80	1.1	18.3		54.4		100.7		111.2		100.7		54.4		18.3		1.1
-90																
Horizontal Angle (degrees)																

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Luminous Intensity Polar Plot



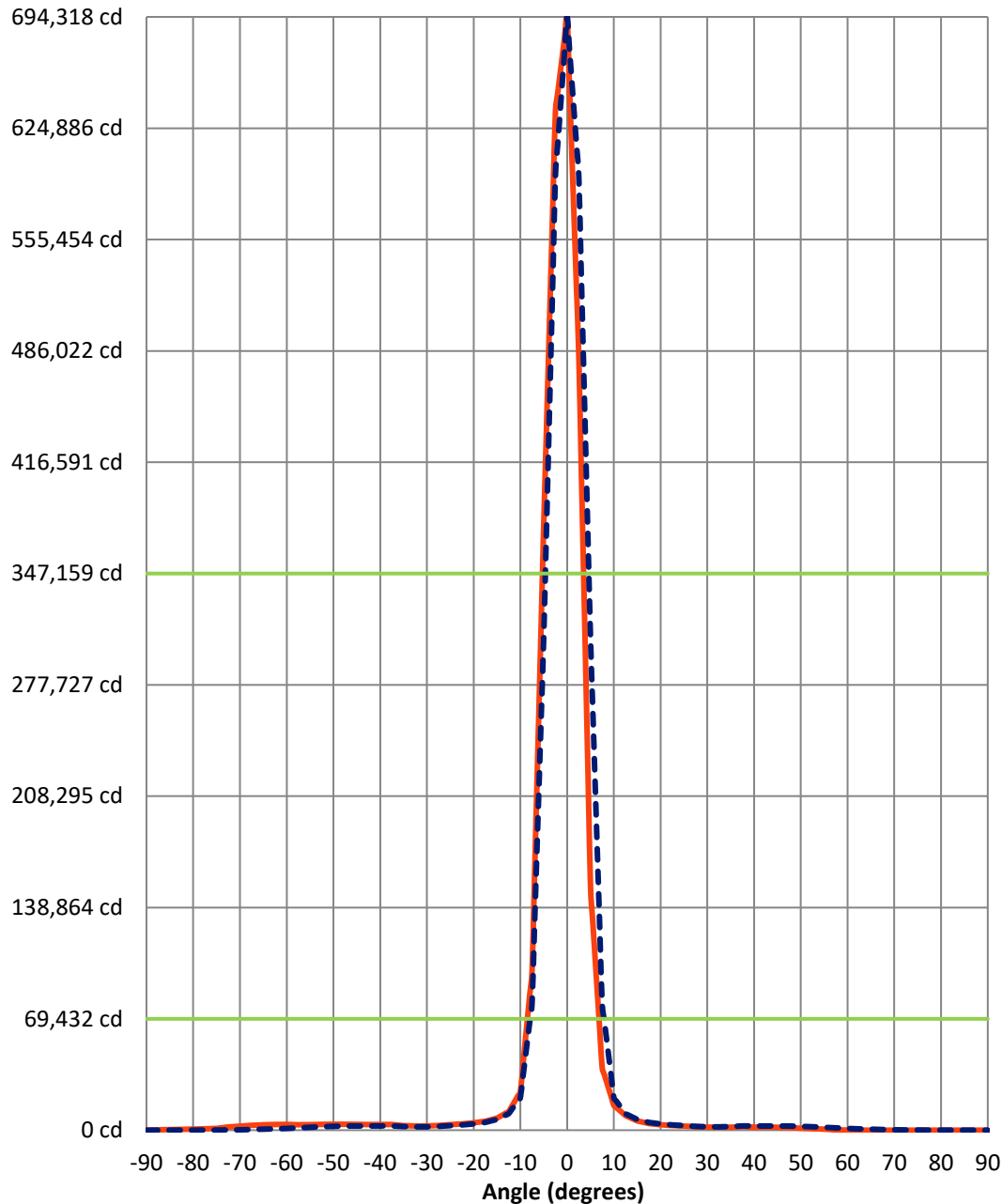
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg



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Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 8.8°
Lumens: 10702.3
Efficiency: 36.3%

Field:
H Angle: 15.8°
V Angle: 15.3°
Lumens: 17061.6
Efficiency: 57.8%

Spill:
Lumens: 12450.6
Efficiency: 42.2%

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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	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
85°	0.0	6.8	6.8	13.6	13.6	13.6	20.4	27.3	34.1	34.1	40.9
82.5°	0.0	6.8	6.8	13.6	13.6	20.4	20.4	34.1	40.9	47.7	61.3
80°	6.8	6.8	6.8	13.6	13.6	20.4	20.4	27.3	34.1	47.7	54.5
77.5°	0.0	6.8	6.8	6.8	13.6	13.6	13.6	20.4	27.3	34.1	40.9
75°	0.0	6.8	6.8	6.8	13.6	13.6	13.6	13.6	20.4	20.4	27.3
72.5°	0.0	0.0	0.0	6.8	6.8	13.6	13.6	13.6	20.4	20.4	20.4
70°	0.0	0.0	0.0	6.8	6.8	13.6	13.6	13.6	20.4	20.4	20.4
67.5°	0.0	0.0	0.0	6.8	6.8	13.6	13.6	13.6	20.4	20.4	20.4
65°	0.0	0.0	0.0	6.8	6.8	13.6	13.6	20.4	20.4	20.4	20.4
62.5°	6.8	6.8	6.8	13.6	20.4	20.4	27.3	34.1	34.1	34.1	34.1
60°	68.1	74.9	81.8	81.8	74.9	74.9	81.8	81.8	81.8	81.8	81.8
57.5°	183.9	197.6	204.4	204.4	204.4	197.6	224.8	231.6	204.4	190.8	211.2
55°	640.4	660.8	647.2	626.8	585.9	538.2	524.6	517.8	524.6	490.5	436.0
52.5°	933.4	953.8	947.0	933.4	906.1	872.0	844.8	817.5	790.3	735.8	674.5
50°	1212.7	1219.5	1212.7	1199.0	1171.8	1137.7	1083.2	1021.9	967.4	953.8	899.3
47.5°	1526.1	1546.5	1546.5	1539.7	1519.3	1457.9	1376.2	1287.6	1246.7	1233.1	1178.6
45°	1805.4	1819.0	1825.8	1832.6	1825.8	1764.5	1689.6	1641.9	1553.3	1526.1	1526.1
42.5°	1880.3	1887.1	1894.0	1900.8	1921.2	1873.5	1812.2	1730.4	1710.0	1703.2	1689.6
40°	1907.6	1894.0	1900.8	1907.6	1914.4	1880.3	1832.6	1784.9	1771.3	1757.7	1757.7
37.5°	2166.5	2105.1	2057.5	2016.6	1982.5	1948.5	1900.8	1859.9	1825.8	1798.6	1825.8
35°	1846.3	1846.3	1894.0	1934.8	1975.7	2016.6	2023.4	1975.7	1900.8	1866.7	1914.4
32.5°	1887.1	1887.1	1887.1	1900.8	1914.4	1948.5	1982.5	2003.0	2057.5	1996.1	1996.1
30°	1928.0	1934.8	1948.5	1955.3	1934.8	1921.2	1907.6	1907.6	1941.6	2030.2	2077.9
27.5°	2166.5	2166.5	2146.0	2118.8	2057.5	1962.1	1914.4	1846.3	1853.1	1894.0	2009.8
25°	2554.8	2541.2	2493.5	2425.3	2316.3	2180.1	2050.6	1907.6	1846.3	1825.8	1873.5
22.5°	2922.7	2902.2	2840.9	2779.6	2691.0	2554.8	2336.8	2118.8	1928.0	1846.3	1825.8
20°	3392.8	3345.1	3276.9	3181.6	3038.5	2902.2	2711.5	2425.3	2146.0	1934.8	1853.1
17.5°	4149.0	4087.7	3958.2	3787.9	3542.6	3331.4	3058.9	2786.4	2473.0	2132.4	1948.5
15°	5804.5	5647.8	5423.0	4952.9	4469.2	4067.2	3658.5	3202.0	2881.8	2432.2	2152.8
12.5°	9129.1	8699.9	8045.9	6949.0	5865.8	4932.5	4271.6	3685.7	3167.9	2752.4	2357.2
10°	15451.4	14531.7	12726.3	9728.7	7732.5	6015.7	4830.3	4046.8	3392.8	2963.6	2527.5
7.5°	39078.1	31877.0	22557.1	15403.7	10117.0	7351.0	5525.2	4387.4	3631.2	3099.8	2663.8
5°	152306.5	125464.2	66928.8	27932.4	15219.8	8890.7	6151.9	4659.9	3787.9	3202.0	2766.0
2.5°	483373.6	417425.9	219003.6	60129.6	18687.5	10014.8	6581.1	4830.3	3876.5	3276.9	2840.9
0°	694317.7	595055.5	307358.6	79082.8	20268.0	10300.9	6717.4	4864.3	3890.1	3290.6	2840.9
-2.5°	635182.8	555909.2	296907.8	73591.7	20710.9	10382.7	6826.4	4980.1	3992.3	3351.9	2861.4
-5°	377421.2	331053.4	207115.3	52472.0	18401.3	9640.1	6540.3	4878.0	3924.2	3317.8	2847.7
-7.5°	99439.3	86086.3	56627.8	27380.6	11908.7	8154.9	6008.9	4707.6	3835.6	3256.5	2793.2
-10°	23974.2	22720.6	20295.3	12440.1	9272.2	6812.8	5327.6	4401.1	3658.5	3174.8	2704.7
-12.5°	11561.3	11288.8	10246.4	8447.8	6880.9	5661.4	4823.4	4080.9	3495.0	3031.7	2582.0
-15°	7521.3	7364.6	7010.4	6322.3	5525.2	4939.3	4353.4	3753.8	3290.6	2820.5	2479.9
-17.5°	5566.0	5559.2	5382.1	5123.2	4728.1	4292.1	3862.8	3481.3	3031.7	2629.7	2370.8
-20°	4612.3	4612.3	4510.1	4339.7	4060.4	3774.3	3488.1	3133.9	2766.0	2466.2	2357.2

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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°	3917.3	3924.2	3869.7	3760.7	3610.8	3372.3	3093.0	2806.9	2541.2	2432.2	2398.1
-25°	3467.7	3454.1	3392.8	3290.6	3133.9	2943.1	2759.2	2568.4	2493.5	2466.2	2513.9
-27.5°	2936.3	2956.7	2929.5	2881.8	2779.6	2643.4	2602.5	2548.0	2561.6	2602.5	2786.4
-30°	2622.9	2643.4	2670.6	2691.0	2657.0	2622.9	2636.5	2677.4	2766.0	2922.7	2990.8
-32.5°	2622.9	2629.7	2670.6	2711.5	2731.9	2759.2	2834.1	2970.4	3099.8	3058.9	3045.3
-35°	2861.4	2840.9	2895.4	2949.9	3024.9	3120.3	3202.0	3174.8	3127.1	3113.4	3127.1
-37.5°	3542.6	3413.2	3358.7	3324.6	3304.2	3290.6	3270.1	3249.7	3229.3	3215.6	3236.1
-40°	3535.8	3501.8	3467.7	3440.5	3420.0	3392.8	3379.1	3372.3	3351.9	3338.3	3324.6
-42.5°	3522.2	3535.8	3535.8	3529.0	3535.8	3529.0	3508.6	3481.3	3447.3	3420.0	3392.8
-45°	3624.4	3631.2	3644.8	3658.5	3678.9	3651.7	3610.8	3563.1	3515.4	3474.5	3440.5
-47.5°	3685.7	3692.5	3706.2	3726.6	3740.2	3713.0	3658.5	3597.1	3522.2	3454.1	3386.0
-50°	3706.2	3726.6	3733.4	3733.4	3726.6	3692.5	3610.8	3522.2	3440.5	3372.3	3311.0
-52.5°	3610.8	3631.2	3638.0	3624.4	3617.6	3583.5	3508.6	3426.8	3338.3	3290.6	3236.1
-55°	3454.1	3481.3	3501.8	3501.8	3501.8	3495.0	3426.8	3351.9	3283.8	3229.3	3174.8
-57.5°	3392.8	3440.5	3481.3	3488.1	3495.0	3501.8	3454.1	3379.1	3297.4	3215.6	3147.5
-60°	3617.6	3658.5	3678.9	3651.7	3631.2	3610.8	3535.8	3447.3	3365.5	3283.8	3154.3
-62.5°	3556.3	3624.4	3658.5	3638.0	3610.8	3576.7	3495.0	3392.8	3297.4	3208.8	3079.4
-65°	3358.7	3420.0	3460.9	3426.8	3386.0	3338.3	3263.3	3167.9	3079.4	2990.8	2875.0
-67.5°	3024.9	3113.4	3181.6	3106.6	3052.1	2990.8	2929.5	2847.7	2759.2	2657.0	2548.0
-70°	2500.3	2568.4	2629.7	2609.3	2595.7	2582.0	2541.2	2459.4	2384.5	2302.7	2207.3
-72.5°	2009.8	2071.1	2125.6	2091.5	2064.3	2023.4	1962.1	1873.5	1784.9	1696.4	1607.8
-75°	1110.5	1130.9	1151.4	1144.5	1144.5	1144.5	1144.5	1151.4	1137.7	1117.3	1076.4
-77.5°	851.6	878.8	899.3	912.9	933.4	960.6	981.0	947.0	912.9	878.8	838.0
-80°	667.7	694.9	715.3	790.3	844.8	906.1	947.0	899.3	851.6	810.7	776.7
-82.5°	504.1	524.6	545.0	585.9	613.2	647.2	674.5	674.5	667.7	660.8	640.4
-85°	367.9	395.1	422.4	436.0	456.5	456.5	463.3	436.0	408.8	388.3	361.1
-87.5°	211.2	218.0	218.0	218.0	224.8	224.8	224.8	211.2	204.4	190.8	183.9
-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°	6.8	6.8	6.8	13.6	13.6	20.4	20.4	27.3	27.3	34.1	34.1
85°	40.9	40.9	40.9	47.7	47.7	54.5	61.3	68.1	74.9	74.9	81.8
82.5°	68.1	74.9	81.8	88.6	95.4	102.2	109.0	115.8	136.3	149.9	156.7
80°	68.1	74.9	95.4	109.0	122.6	136.3	136.3	136.3	136.3	143.1	156.7
77.5°	47.7	54.5	61.3	74.9	109.0	136.3	156.7	170.3	156.7	149.9	136.3
75°	27.3	34.1	40.9	47.7	68.1	95.4	129.4	163.5	190.8	183.9	170.3
72.5°	27.3	27.3	34.1	40.9	47.7	54.5	61.3	95.4	136.3	170.3	190.8
70°	27.3	34.1	34.1	40.9	47.7	54.5	61.3	74.9	95.4	136.3	177.1
67.5°	27.3	34.1	34.1	47.7	61.3	68.1	74.9	68.1	61.3	88.6	129.4
65°	27.3	27.3	34.1	40.9	47.7	54.5	74.9	74.9	68.1	68.1	68.1
62.5°	40.9	40.9	40.9	40.9	47.7	47.7	47.7	61.3	61.3	61.3	61.3
60°	81.8	74.9	74.9	74.9	74.9	61.3	61.3	61.3	54.5	61.3	54.5
57.5°	197.6	163.5	149.9	149.9	129.4	122.6	102.2	74.9	74.9	61.3	61.3
55°	402.0	381.5	320.2	265.7	238.4	211.2	163.5	136.3	102.2	81.8	74.9
52.5°	620.0	565.5	511.0	442.8	374.7	320.2	272.5	211.2	170.3	122.6	95.4
50°	810.7	763.0	701.7	626.8	538.2	470.1	402.0	320.2	252.1	190.8	136.3
47.5°	1103.7	1008.3	933.4	844.8	742.6	647.2	558.6	463.3	354.3	279.3	211.2
45°	1417.1	1280.8	1178.6	1096.9	960.6	831.2	729.0	626.8	497.3	367.9	286.1
42.5°	1635.1	1532.9	1396.6	1287.6	1165.0	1028.7	892.5	783.5	647.2	497.3	367.9
40°	1750.9	1682.8	1573.8	1478.4	1348.9	1199.0	1056.0	947.0	803.9	640.4	463.3
37.5°	1839.5	1805.4	1750.9	1675.9	1553.3	1376.2	1233.1	1103.7	981.0	790.3	599.5
35°	1941.6	1934.8	1900.8	1866.7	1764.5	1594.2	1423.9	1274.0	1124.1	947.0	735.8
32.5°	2037.0	2030.2	2009.8	1996.1	1955.3	1805.4	1621.4	1451.1	1280.8	1096.9	865.2
30°	2084.7	2071.1	2071.1	2084.7	2043.8	1948.5	1812.2	1628.3	1437.5	1219.5	1001.5
27.5°	2084.7	2071.1	2077.9	2098.3	2091.5	2043.8	1941.6	1791.8	1580.6	1335.3	1124.1
25°	1996.1	2064.3	2064.3	2091.5	2098.3	2084.7	2030.2	1934.8	1716.8	1457.9	1219.5
22.5°	1873.5	2037.0	2098.3	2091.5	2098.3	2132.4	2139.2	2050.6	1846.3	1580.6	1314.9
20°	1873.5	1989.3	2166.5	2118.8	2132.4	2207.3	2241.4	2166.5	1982.5	1696.4	1410.2
17.5°	1914.4	1989.3	2139.2	2214.2	2234.6	2295.9	2350.4	2302.7	2105.1	1819.0	1539.7
15°	2030.2	2016.6	2118.8	2302.7	2336.8	2384.5	2445.8	2391.3	2214.2	1955.3	1662.3
12.5°	2112.0	2037.0	2118.8	2316.3	2425.3	2473.0	2493.5	2452.6	2309.5	2077.9	1784.9
10°	2221.0	2091.5	2132.4	2302.7	2459.4	2493.5	2513.9	2500.3	2398.1	2180.1	1894.0
7.5°	2302.7	2118.8	2118.8	2282.3	2493.5	2520.7	2534.4	2548.0	2473.0	2268.7	1989.3
5°	2336.8	2118.8	2105.1	2261.8	2527.5	2554.8	2554.8	2575.2	2527.5	2336.8	2057.5
2.5°	2343.6	2112.0	2091.5	2248.2	2588.9	2588.9	2575.2	2595.7	2568.4	2377.7	2105.1
0°	2377.7	2105.1	2084.7	2268.7	2657.0	2629.7	2595.7	2602.5	2588.9	2398.1	2132.4
-2.5°	2377.7	2139.2	2112.0	2282.3	2650.2	2643.4	2629.7	2636.5	2622.9	2459.4	2186.9
-5°	2411.7	2186.9	2159.7	2343.6	2643.4	2663.8	2670.6	2670.6	2650.2	2500.3	2221.0
-7.5°	2418.5	2221.0	2214.2	2404.9	2657.0	2691.0	2711.5	2725.1	2684.2	2527.5	2248.2
-10°	2384.5	2234.6	2268.7	2479.9	2670.6	2718.3	2759.2	2779.6	2711.5	2541.2	2261.8
-12.5°	2309.5	2234.6	2323.2	2575.2	2704.7	2759.2	2820.5	2827.3	2738.7	2548.0	2268.7
-15°	2302.7	2289.1	2418.5	2670.6	2725.1	2793.2	2888.6	2868.2	2759.2	2548.0	2268.7
-17.5°	2295.9	2364.0	2561.6	2704.7	2759.2	2834.1	2909.1	2888.6	2772.8	2548.0	2255.0
-20°	2357.2	2486.7	2731.9	2738.7	2800.1	2881.8	2922.7	2881.8	2752.4	2527.5	2234.6



REPORT NUMBER: P723748

CATALOG NUMBER: IFLD-L-SA8D-740-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°	2459.4	2704.7	2786.4	2813.7	2868.2	2929.5	2949.9	2888.6	2731.9	2493.5	2200.5
-25°	2718.3	2840.9	2840.9	2902.2	2956.7	2984.0	2963.6	2895.4	2704.7	2459.4	2166.5
-27.5°	2915.9	2909.1	2943.1	3004.4	3052.1	3052.1	2997.6	2861.4	2663.8	2425.3	2118.8
-30°	2990.8	2997.6	3045.3	3113.4	3127.1	3093.0	3011.2	2834.1	2629.7	2370.8	2057.5
-32.5°	3065.8	3093.0	3154.3	3188.4	3195.2	3127.1	2977.2	2786.4	2575.2	2309.5	1989.3
-35°	3154.3	3208.8	3242.9	3249.7	3215.6	3099.8	2929.5	2725.1	2493.5	2221.0	1928.0
-37.5°	3270.1	3297.4	3317.8	3290.6	3195.2	3058.9	2847.7	2643.4	2418.5	2125.6	1839.5
-40°	3345.1	3358.7	3365.5	3276.9	3161.1	2963.6	2759.2	2548.0	2289.1	2016.6	1744.1
-42.5°	3392.8	3379.1	3324.6	3229.3	3058.9	2868.2	2670.6	2432.2	2173.3	1907.6	1641.9
-45°	3379.1	3331.4	3249.7	3133.9	2956.7	2766.0	2534.4	2295.9	2050.6	1791.8	1526.1
-47.5°	3324.6	3249.7	3147.5	3011.2	2847.7	2616.1	2384.5	2152.8	1914.4	1662.3	1417.1
-50°	3256.5	3167.9	3045.3	2875.0	2657.0	2445.8	2234.6	2009.8	1764.5	1532.9	1314.9
-52.5°	3181.6	3086.2	2929.5	2738.7	2500.3	2282.3	2077.9	1859.9	1635.1	1417.1	1226.3
-55°	3099.8	3004.4	2827.3	2609.3	2370.8	2132.4	1934.8	1750.9	1532.9	1321.7	1151.4
-57.5°	3058.9	2936.3	2752.4	2534.4	2282.3	2037.0	1866.7	1669.1	1471.6	1253.6	1090.0
-60°	3024.9	2902.2	2731.9	2479.9	2241.4	2009.8	1812.2	1621.4	1410.2	1205.9	1042.4
-62.5°	2929.5	2800.1	2643.4	2398.1	2166.5	1955.3	1778.1	1553.3	1348.9	1158.2	1008.3
-65°	2738.7	2602.5	2466.2	2248.2	2037.0	1839.5	1662.3	1457.9	1267.2	1103.7	974.2
-67.5°	2439.0	2323.2	2200.5	2016.6	1839.5	1662.3	1498.8	1321.7	1165.0	1049.2	981.0
-70°	2105.1	1982.5	1859.9	1710.0	1560.1	1417.1	1287.6	1158.2	1056.0	994.7	940.2
-72.5°	1532.9	1478.4	1417.1	1301.2	1178.6	1090.0	1028.7	974.2	899.3	844.8	810.7
-75°	1021.9	947.0	851.6	810.7	817.5	803.9	769.8	729.0	694.9	674.5	626.8
-77.5°	797.1	756.2	708.5	660.8	640.4	620.0	592.7	558.6	531.4	483.7	415.6
-80°	735.8	701.7	667.7	633.6	599.5	551.8	497.3	442.8	415.6	395.1	388.3
-82.5°	606.3	565.5	524.6	490.5	442.8	408.8	374.7	347.5	347.5	340.6	333.8
-85°	347.5	333.8	313.4	299.8	286.1	265.7	245.3	231.6	224.8	218.0	211.2
-87.5°	177.1	170.3	156.7	149.9	143.1	136.3	122.6	115.8	109.0	109.0	102.2
-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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CATALOG NUMBER: IFLD-L-SA8D-740-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°	34.1	34.1	27.3	27.3	27.3	20.4	13.6	13.6	6.8	6.8	0.0
85°	81.8	68.1	61.3	54.5	54.5	40.9	27.3	20.4	13.6	6.8	6.8
82.5°	156.7	136.3	115.8	102.2	81.8	61.3	47.7	34.1	20.4	13.6	6.8
80°	177.1	177.1	170.3	143.1	115.8	88.6	61.3	40.9	27.3	20.4	13.6
77.5°	136.3	149.9	149.9	149.9	143.1	109.0	74.9	47.7	27.3	20.4	13.6
75°	156.7	136.3	129.4	136.3	129.4	109.0	88.6	54.5	34.1	27.3	13.6
72.5°	190.8	163.5	143.1	136.3	122.6	102.2	81.8	61.3	34.1	27.3	20.4
70°	177.1	170.3	156.7	143.1	122.6	102.2	81.8	61.3	40.9	27.3	20.4
67.5°	156.7	156.7	156.7	143.1	122.6	95.4	74.9	54.5	40.9	27.3	20.4
65°	109.0	129.4	143.1	136.3	122.6	95.4	74.9	54.5	40.9	34.1	20.4
62.5°	68.1	88.6	115.8	129.4	115.8	95.4	68.1	54.5	40.9	34.1	20.4
60°	61.3	68.1	81.8	102.2	109.0	88.6	68.1	47.7	40.9	34.1	20.4
57.5°	61.3	61.3	68.1	81.8	88.6	81.8	61.3	40.9	40.9	34.1	27.3
55°	68.1	61.3	61.3	68.1	74.9	74.9	61.3	40.9	40.9	34.1	27.3
52.5°	81.8	68.1	61.3	61.3	61.3	68.1	54.5	40.9	40.9	34.1	27.3
50°	102.2	81.8	74.9	61.3	61.3	61.3	54.5	40.9	34.1	34.1	27.3
47.5°	136.3	109.0	81.8	74.9	61.3	54.5	47.7	40.9	34.1	34.1	27.3
45°	204.4	129.4	109.0	81.8	68.1	61.3	54.5	40.9	34.1	34.1	27.3
42.5°	279.3	190.8	136.3	95.4	74.9	61.3	54.5	47.7	34.1	34.1	27.3
40°	354.3	258.9	170.3	122.6	88.6	68.1	54.5	47.7	40.9	34.1	27.3
37.5°	436.0	320.2	224.8	156.7	102.2	74.9	61.3	47.7	40.9	34.1	27.3
35°	538.2	402.0	279.3	190.8	122.6	88.6	68.1	47.7	40.9	34.1	27.3
32.5°	654.0	476.9	333.8	231.6	156.7	109.0	74.9	54.5	40.9	34.1	27.3
30°	763.0	565.5	395.1	279.3	190.8	122.6	81.8	54.5	40.9	34.1	20.4
27.5°	872.0	654.0	470.1	327.0	231.6	143.1	88.6	61.3	40.9	34.1	27.3
25°	981.0	742.6	545.0	374.7	265.7	170.3	109.0	68.1	40.9	34.1	27.3
22.5°	1076.4	831.2	613.2	429.2	306.6	197.6	122.6	74.9	47.7	34.1	27.3
20°	1185.4	926.5	688.1	490.5	340.6	224.8	136.3	81.8	47.7	34.1	27.3
17.5°	1287.6	1021.9	763.0	545.0	381.5	252.1	156.7	88.6	54.5	34.1	27.3
15°	1389.8	1110.5	831.2	599.5	422.4	279.3	170.3	95.4	61.3	34.1	27.3
12.5°	1485.2	1192.2	892.5	647.2	456.5	306.6	183.9	102.2	68.1	34.1	27.3
10°	1573.8	1267.2	953.8	688.1	490.5	327.0	197.6	115.8	74.9	34.1	27.3
7.5°	1662.3	1328.5	1001.5	729.0	531.4	354.3	211.2	122.6	81.8	40.9	27.3
5°	1716.8	1383.0	1042.4	763.0	565.5	381.5	224.8	129.4	88.6	40.9	27.3
2.5°	1764.5	1423.9	1069.6	797.1	599.5	402.0	224.8	136.3	95.4	40.9	27.3
0°	1791.8	1451.1	1090.0	817.5	626.8	415.6	231.6	143.1	102.2	40.9	27.3
-2.5°	1853.1	1498.8	1137.7	844.8	654.0	456.5	245.3	149.9	109.0	47.7	27.3
-5°	1894.0	1526.1	1171.8	872.0	674.5	497.3	265.7	163.5	122.6	61.3	34.1
-7.5°	1928.0	1553.3	1199.0	885.7	694.9	511.0	272.5	170.3	129.4	68.1	34.1
-10°	1934.8	1566.9	1219.5	906.1	708.5	531.4	279.3	177.1	136.3	74.9	34.1
-12.5°	1941.6	1580.6	1226.3	919.7	722.2	545.0	286.1	183.9	143.1	81.8	34.1
-15°	1934.8	1573.8	1226.3	933.4	729.0	531.4	299.8	190.8	149.9	88.6	34.1
-17.5°	1921.2	1566.9	1219.5	926.5	722.2	517.8	306.6	204.4	149.9	95.4	40.9
-20°	1900.8	1546.5	1205.9	919.7	715.3	504.1	313.4	211.2	156.7	95.4	40.9

REPORT NUMBER: P723748

CATALOG NUMBER: IFLD-L-SA8D-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1866.7	1512.4	1178.6	899.3	701.7	490.5	313.4	224.8	163.5	95.4	40.9
-25°	1825.8	1478.4	1151.4	872.0	681.3	470.1	313.4	231.6	170.3	95.4	40.9
-27.5°	1778.1	1444.3	1110.5	851.6	654.0	456.5	313.4	238.4	177.1	95.4	40.9
-30°	1723.6	1396.6	1076.4	817.5	633.6	456.5	320.2	245.3	183.9	95.4	40.9
-32.5°	1669.1	1348.9	1035.5	790.3	606.3	449.6	320.2	252.1	190.8	88.6	47.7
-35°	1607.8	1294.4	1001.5	769.8	585.9	436.0	327.0	252.1	183.9	88.6	47.7
-37.5°	1532.9	1226.3	967.4	749.4	572.3	422.4	327.0	258.9	177.1	88.6	47.7
-40°	1451.1	1171.8	926.5	722.2	551.8	415.6	327.0	258.9	170.3	88.6	54.5
-42.5°	1362.6	1110.5	885.7	694.9	531.4	408.8	327.0	258.9	163.5	88.6	54.5
-45°	1280.8	1049.2	838.0	660.8	511.0	408.8	327.0	252.1	149.9	95.4	54.5
-47.5°	1192.2	981.0	783.5	626.8	504.1	402.0	320.2	238.4	136.3	95.4	54.5
-50°	1117.3	912.9	742.6	592.7	490.5	408.8	327.0	218.0	136.3	95.4	54.5
-52.5°	1042.4	865.2	694.9	579.1	476.9	415.6	320.2	204.4	136.3	95.4	54.5
-55°	981.0	817.5	667.7	558.6	490.5	429.2	306.6	183.9	136.3	95.4	54.5
-57.5°	933.4	790.3	647.2	565.5	511.0	415.6	286.1	177.1	136.3	88.6	54.5
-60°	899.3	763.0	654.0	592.7	517.8	395.1	272.5	177.1	136.3	88.6	47.7
-62.5°	872.0	769.8	688.1	613.2	490.5	367.9	258.9	177.1	122.6	81.8	47.7
-65°	878.8	797.1	701.7	585.9	470.1	340.6	238.4	170.3	115.8	74.9	47.7
-67.5°	899.3	776.7	660.8	551.8	422.4	306.6	218.0	156.7	109.0	74.9	47.7
-70°	831.2	715.3	599.5	470.1	361.1	265.7	204.4	143.1	95.4	68.1	47.7
-72.5°	749.4	599.5	476.9	381.5	306.6	245.3	183.9	129.4	88.6	61.3	40.9
-75°	545.0	436.0	354.3	320.2	272.5	218.0	163.5	115.8	81.8	61.3	40.9
-77.5°	388.3	361.1	327.0	292.9	245.3	190.8	143.1	109.0	74.9	54.5	34.1
-80°	381.5	347.5	306.6	252.1	204.4	163.5	122.6	95.4	68.1	47.7	27.3
-82.5°	320.2	272.5	231.6	190.8	156.7	129.4	102.2	74.9	54.5	34.1	20.4
-85°	197.6	170.3	149.9	129.4	109.0	88.6	68.1	47.7	34.1	20.4	13.6
-87.5°	95.4	88.6	74.9	61.3	54.5	40.9	34.1	27.3	20.4	13.6	6.8
-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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CATALOG NUMBER: IFLD-L-SA8D-740-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°	6.8	0.0	0.0	0.0
80°	6.8	0.0	0.0	0.0
77.5°	6.8	0.0	0.0	0.0
75°	6.8	6.8	0.0	0.0
72.5°	6.8	6.8	0.0	0.0
70°	13.6	6.8	6.8	0.0
67.5°	13.6	6.8	6.8	0.0
65°	13.6	6.8	6.8	0.0
62.5°	13.6	6.8	6.8	0.0
60°	13.6	6.8	6.8	0.0
57.5°	13.6	6.8	6.8	0.0
55°	13.6	6.8	6.8	0.0
52.5°	13.6	6.8	6.8	0.0
50°	13.6	6.8	6.8	0.0
47.5°	13.6	13.6	6.8	0.0
45°	13.6	13.6	6.8	0.0
42.5°	13.6	13.6	6.8	0.0
40°	13.6	13.6	6.8	0.0
37.5°	13.6	13.6	6.8	0.0
35°	13.6	13.6	6.8	0.0
32.5°	20.4	13.6	6.8	0.0
30°	20.4	13.6	13.6	0.0
27.5°	20.4	13.6	13.6	0.0
25°	20.4	13.6	13.6	0.0
22.5°	20.4	13.6	13.6	0.0
20°	20.4	13.6	13.6	0.0
17.5°	20.4	13.6	13.6	0.0
15°	20.4	13.6	13.6	0.0
12.5°	20.4	13.6	13.6	0.0
10°	20.4	13.6	13.6	0.0
7.5°	20.4	13.6	13.6	0.0
5°	20.4	13.6	13.6	0.0
2.5°	20.4	13.6	13.6	0.0
0°	20.4	13.6	13.6	0.0
-2.5°	20.4	13.6	13.6	0.0
-5°	20.4	13.6	13.6	0.0
-7.5°	20.4	13.6	13.6	0.0
-10°	20.4	13.6	13.6	0.0
-12.5°	27.3	13.6	13.6	0.0
-15°	27.3	13.6	13.6	0.0
-17.5°	27.3	13.6	13.6	0.0
-20°	27.3	13.6	13.6	0.0

REPORT NUMBER: P723748

CATALOG NUMBER: IFLD-L-SA8D-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	27.3	13.6	13.6	0.0
-25°	27.3	13.6	13.6	0.0
-27.5°	27.3	13.6	13.6	0.0
-30°	27.3	13.6	13.6	0.0
-32.5°	27.3	13.6	13.6	0.0
-35°	27.3	13.6	13.6	0.0
-37.5°	27.3	13.6	13.6	0.0
-40°	27.3	13.6	13.6	0.0
-42.5°	20.4	13.6	6.8	0.0
-45°	27.3	13.6	6.8	0.0
-47.5°	27.3	13.6	6.8	0.0
-50°	27.3	13.6	6.8	0.0
-52.5°	27.3	13.6	6.8	0.0
-55°	27.3	13.6	6.8	0.0
-57.5°	27.3	13.6	6.8	0.0
-60°	27.3	13.6	6.8	0.0
-62.5°	27.3	13.6	6.8	0.0
-65°	27.3	13.6	6.8	0.0
-67.5°	27.3	13.6	6.8	0.0
-70°	27.3	6.8	6.8	0.0
-72.5°	20.4	6.8	6.8	0.0
-75°	20.4	6.8	6.8	0.0
-77.5°	13.6	6.8	0.0	0.0
-80°	13.6	6.8	0.0	0.0
-82.5°	13.6	6.8	0.0	0.0
-85°	6.8	0.0	0.0	0.0
-87.5°	6.8	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)