

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: P723690

Luminaire Tested: **IFLD-L-SA8D-730-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723690
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8D-730-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (128) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	26873.8 lumens	Max Intensity:	632245.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	55.0 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:	9745.5 lumens	Field Lumens:	15536.3 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

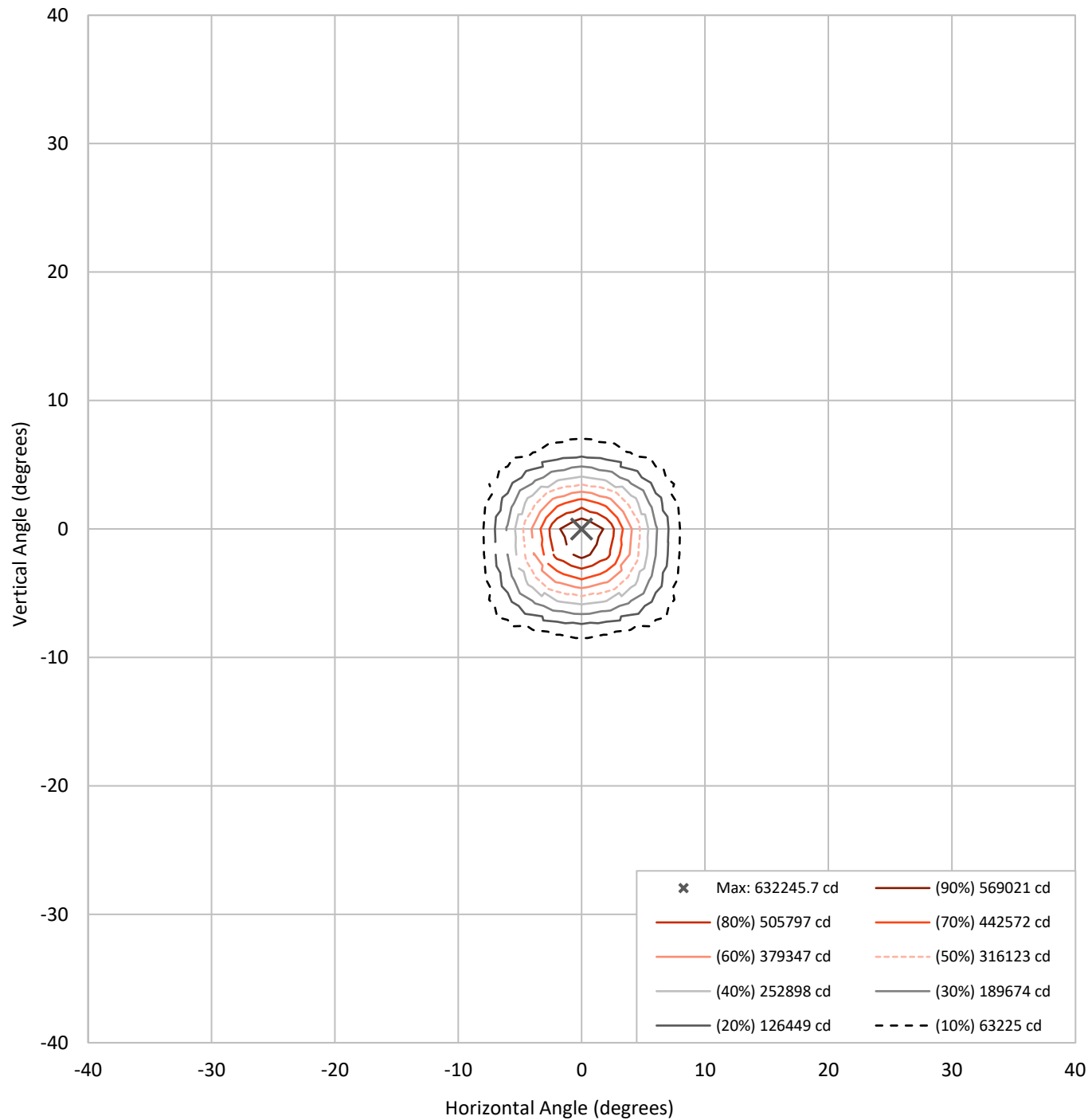
Input Watts (W): 488.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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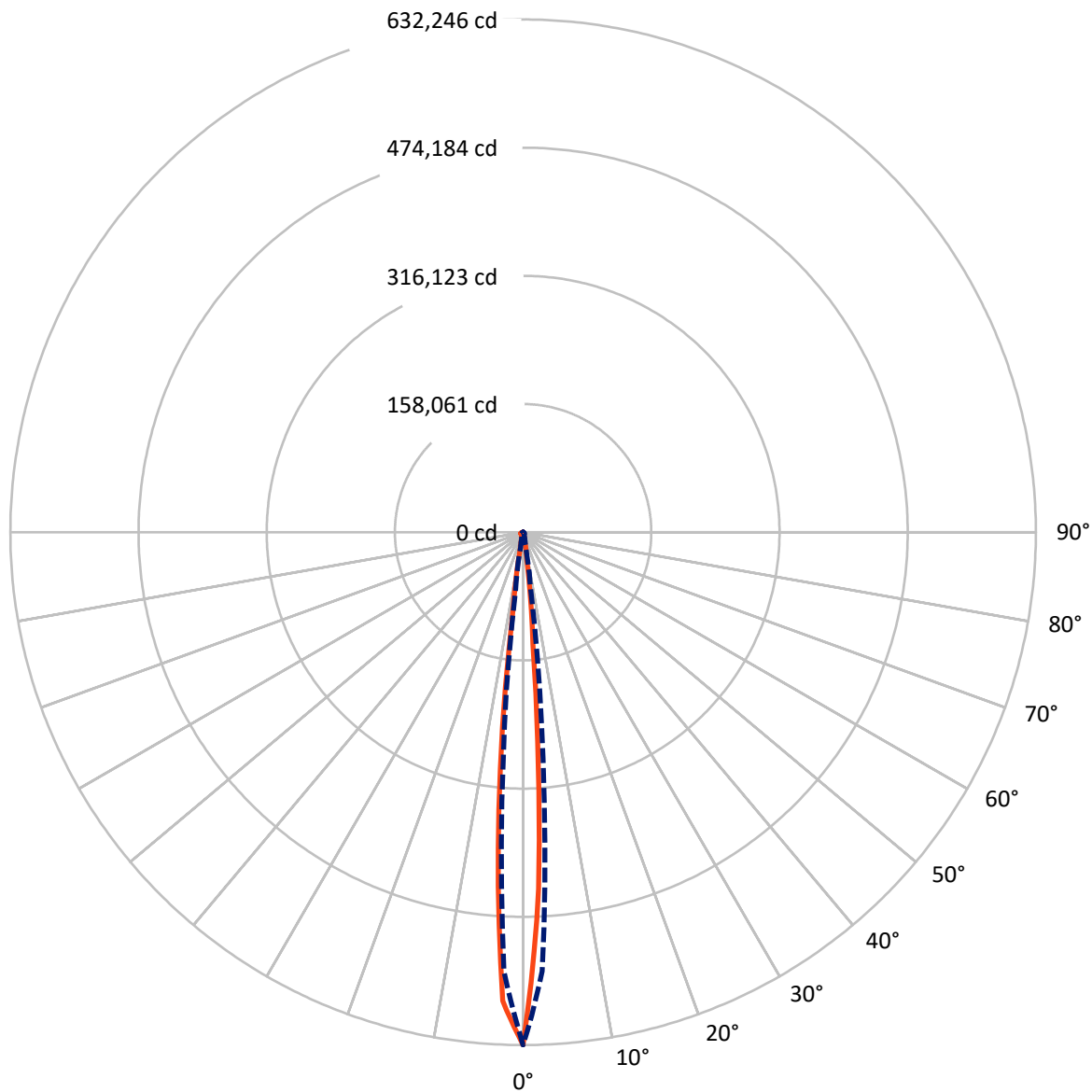
Lumen Table

Vertical Angle (degrees)																
	0.5	6.0		6.5		2.5		0.7		2.5		6.5		6.0		0.5
90																
80	0.5	6.0		6.5		2.5		0.7		2.5		6.5		6.0		0.5
70																
60	0.7	1.3	1.7	1.3	1.1	0.9	0.7	0.4	0.4	0.7	0.9	1.1	1.3	1.7	1.3	0.7
50		0.8	1.2	3.1	6.9	11.3	14.5	16.7	16.7	14.5	11.3	6.9	3.1	1.2	0.8	
40	0.7	0.9	3.7	12.2	24.1	35.2	42.4	47.0	47.0	42.4	35.2	24.1	12.2	3.7	0.9	0.7
30		1.8	9.3	25.1	40.9	48.0	51.8	53.7	53.7	51.8	48.0	40.9	25.1	9.3	1.8	
20	1.1	3.5	15.9	36.6	47.4	48.8	57.5	69.3	69.3	57.5	48.8	47.4	36.6	15.9	3.5	1.1
10		5.5	22.3	44.9	50.5	56.9	100.1	170.6	170.6	100.1	56.9	50.5	44.9	22.3	5.5	
0	1.8	7.1	27.4	49.4	52.4	70.3	190.4	3527.9	3527.9	190.4	70.3	52.4	49.4	27.4	7.1	1.8
-10		8.3	30.0	51.9	54.3	72.7	205.1	5143.9	5143.9	205.1	72.7	54.3	51.9	30.0	8.3	
-20	2.6	8.9	30.8	54.6	58.8	65.6	119.2	228.8	228.8	119.2	65.6	58.8	54.6	30.8	8.9	2.6
-30		8.3	29.2	55.3	65.9	66.0	77.2	94.2	94.2	77.2	66.0	65.9	55.3	29.2	8.3	
-40	2.8	7.4	25.8	52.9	72.6	79.1	82.3	83.0	83.0	82.3	79.1	72.6	52.9	25.8	7.4	2.8
-50		6.5	20.8	44.9	70.0	85.1	95.4	100.0	100.0	95.4	85.1	70.0	44.9	20.8	6.5	
-60	2.2	5.9	16.1	34.8	59.7	80.1	93.1	98.5	98.5	93.1	80.1	59.7	34.8	16.1	5.9	2.2
-70		5.5	14.1	28.4	49.8	70.1	84.8	91.6	91.6	84.8	70.1	49.8	28.4	14.1	5.5	
-80	1.0	16.6		49.5		91.7		101.2		91.7		49.5		16.6		1.0
-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



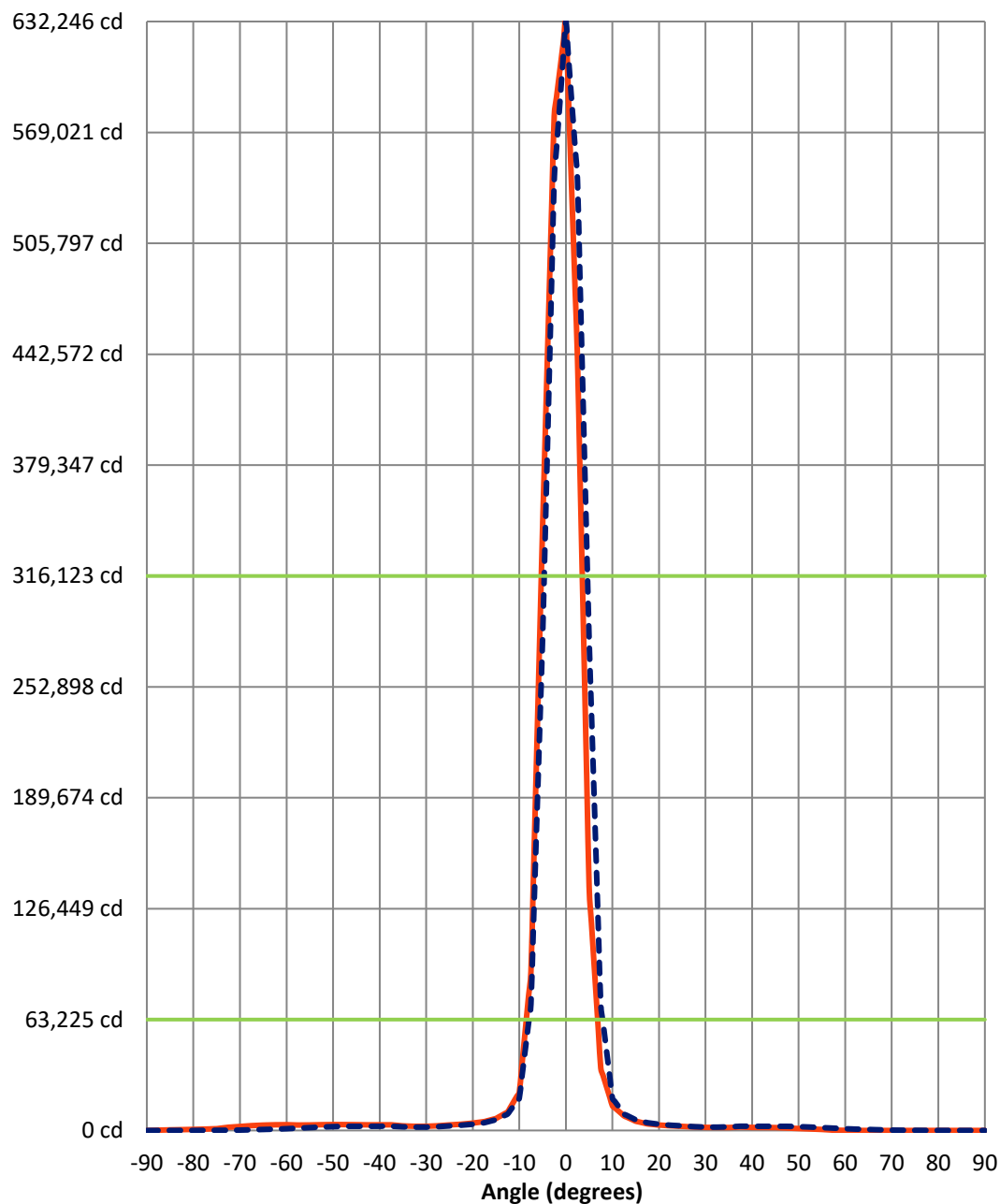
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 9745.5

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 15536.3

Efficiency: 57.8%

Spill:

Lumens: 11337.5

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	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
85°	0.0	6.2	6.2	12.4	12.4	12.4	18.6	24.8	31.0	31.0	37.2
82.5°	0.0	6.2	6.2	12.4	12.4	18.6	18.6	31.0	37.2	43.4	55.8
80°	6.2	6.2	6.2	12.4	12.4	18.6	18.6	24.8	31.0	43.4	49.6
77.5°	0.0	6.2	6.2	6.2	12.4	12.4	12.4	18.6	24.8	31.0	37.2
75°	0.0	6.2	6.2	6.2	12.4	12.4	12.4	12.4	18.6	18.6	24.8
72.5°	0.0	0.0	0.0	6.2	6.2	12.4	12.4	12.4	18.6	18.6	18.6
70°	0.0	0.0	0.0	6.2	6.2	12.4	12.4	12.4	18.6	18.6	18.6
67.5°	0.0	0.0	0.0	6.2	6.2	12.4	12.4	12.4	18.6	18.6	18.6
65°	0.0	0.0	0.0	6.2	6.2	12.4	12.4	18.6	18.6	18.6	18.6
62.5°	6.2	6.2	6.2	12.4	18.6	18.6	24.8	31.0	31.0	31.0	31.0
60°	62.0	68.2	74.4	74.4	68.2	68.2	74.4	74.4	74.4	74.4	74.4
57.5°	167.5	179.9	186.1	186.1	186.1	179.9	204.7	210.9	186.1	173.7	192.3
55°	583.1	601.8	589.4	570.7	533.5	490.1	477.7	471.5	477.7	446.7	397.0
52.5°	849.9	868.5	862.3	849.9	825.1	794.1	769.3	744.4	719.6	670.0	614.2
50°	1104.3	1110.5	1104.3	1091.9	1067.0	1036.0	986.4	930.6	880.9	868.5	818.9
47.5°	1389.6	1408.2	1408.2	1402.0	1383.4	1327.6	1253.2	1172.5	1135.3	1122.9	1073.2
45°	1644.0	1656.4	1662.6	1668.8	1662.6	1606.8	1538.5	1495.1	1414.4	1389.6	1389.6
42.5°	1712.2	1718.4	1724.6	1730.8	1749.4	1706.0	1650.2	1575.7	1557.1	1550.9	1538.5
40°	1737.0	1724.6	1730.8	1737.0	1743.2	1712.2	1668.8	1625.4	1613.0	1600.6	1600.6
37.5°	1972.8	1916.9	1873.5	1836.3	1805.3	1774.3	1730.8	1693.6	1662.6	1637.8	1662.6
35°	1681.2	1681.2	1724.6	1761.9	1799.1	1836.3	1842.5	1799.1	1730.8	1699.8	1743.2
32.5°	1718.4	1718.4	1718.4	1730.8	1743.2	1774.3	1805.3	1823.9	1873.5	1817.7	1817.7
30°	1755.7	1761.9	1774.3	1780.5	1761.9	1749.4	1737.0	1737.0	1768.1	1848.7	1892.1
27.5°	1972.8	1972.8	1954.2	1929.4	1873.5	1786.7	1743.2	1681.2	1687.4	1724.6	1830.1
25°	2326.4	2314.0	2270.6	2208.5	2109.3	1985.2	1867.3	1737.0	1681.2	1662.6	1706.0
22.5°	2661.4	2642.8	2587.0	2531.1	2450.5	2326.4	2127.9	1929.4	1755.7	1681.2	1662.6
20°	3089.5	3046.0	2984.0	2897.1	2766.9	2642.8	2469.1	2208.5	1954.2	1761.9	1687.4
17.5°	3778.1	3722.2	3604.4	3449.3	3225.9	3033.6	2785.5	2537.3	2251.9	1941.8	1774.3
15°	5285.6	5142.9	4938.2	4510.1	4069.6	3703.6	3331.4	2915.7	2624.2	2214.7	1960.4
12.5°	8313.0	7922.1	7326.6	6327.8	5341.4	4491.5	3889.7	3356.2	2884.7	2506.3	2146.5
10°	14070.0	13232.5	11588.5	8858.9	7041.2	5477.9	4398.4	3685.0	3089.5	2698.6	2301.6
7.5°	35584.5	29027.2	20540.5	14026.6	9212.5	6693.8	5031.2	3995.2	3306.6	2822.7	2425.7
5°	138690.3	114247.7	60945.3	25435.2	13859.1	8095.9	5602.0	4243.3	3449.3	2915.7	2518.7
2.5°	440160.0	380108.0	199424.7	54754.0	17016.8	9119.5	5992.8	4398.4	3529.9	2984.0	2587.0
0°	632245.7	541857.5	279880.7	72012.8	18456.1	9380.0	6116.9	4429.5	3542.3	2996.4	2587.0
-2.5°	578397.4	506211.0	270364.2	67012.6	18859.3	9454.5	6216.1	4534.9	3635.4	3052.2	2605.6
-5°	343679.8	301457.3	188599.2	47781.0	16756.2	8778.3	5955.6	4441.9	3573.3	3021.2	2593.2
-7.5°	90549.5	78390.2	51565.3	24932.7	10844.1	7425.9	5471.7	4286.8	3492.7	2965.4	2543.5
-10°	21830.9	20689.4	18480.9	11328.0	8443.3	6203.7	4851.3	4007.6	3331.4	2890.9	2462.9
-12.5°	10527.7	10279.6	9330.4	7692.6	6265.8	5155.3	4392.2	3716.0	3182.5	2760.7	2351.2
-15°	6848.9	6706.2	6383.6	5757.1	5031.2	4497.7	3964.2	3418.2	2996.4	2568.3	2258.2
-17.5°	5068.4	5062.2	4900.9	4665.2	4305.4	3908.3	3517.5	3170.1	2760.7	2394.6	2158.9
-20°	4199.9	4199.9	4106.9	3951.8	3697.4	3436.9	3176.3	2853.7	2518.7	2245.7	2146.5

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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°	3567.1	3573.3	3523.7	3424.5	3288.0	3070.8	2816.5	2555.9	2314.0	2214.7	2183.7
-25°	3157.7	3145.3	3089.5	2996.4	2853.7	2680.0	2512.5	2338.8	2270.6	2245.7	2289.2
-27.5°	2673.8	2692.4	2667.6	2624.2	2531.1	2407.0	2369.8	2320.2	2332.6	2369.8	2537.3
-30°	2388.4	2407.0	2431.9	2450.5	2419.4	2388.4	2400.8	2438.1	2518.7	2661.4	2723.4
-32.5°	2388.4	2394.6	2431.9	2469.1	2487.7	2512.5	2580.7	2704.8	2822.7	2785.5	2773.1
-35°	2605.6	2587.0	2636.6	2686.2	2754.5	2841.3	2915.7	2890.9	2847.5	2835.1	2847.5
-37.5°	3225.9	3108.1	3058.4	3027.4	3008.8	2996.4	2977.8	2959.2	2940.6	2928.2	2946.8
-40°	3219.7	3188.7	3157.7	3132.9	3114.3	3089.5	3077.0	3070.8	3052.2	3039.8	3027.4
-42.5°	3207.3	3219.7	3219.7	3213.5	3219.7	3213.5	3194.9	3170.1	3139.1	3114.3	3089.5
-45°	3300.4	3306.6	3319.0	3331.4	3350.0	3325.2	3288.0	3244.5	3201.1	3163.9	3132.9
-47.5°	3356.2	3362.4	3374.8	3393.4	3405.8	3381.0	3331.4	3275.6	3207.3	3145.3	3083.2
-50°	3374.8	3393.4	3399.6	3399.6	3393.4	3362.4	3288.0	3207.3	3132.9	3070.8	3015.0
-52.5°	3288.0	3306.6	3312.8	3300.4	3294.2	3263.2	3194.9	3120.5	3039.8	2996.4	2946.8
-55°	3145.3	3170.1	3188.7	3188.7	3188.7	3182.5	3120.5	3052.2	2990.2	2940.6	2890.9
-57.5°	3089.5	3132.9	3170.1	3176.3	3182.5	3188.7	3145.3	3077.0	3002.6	2928.2	2866.1
-60°	3294.2	3331.4	3350.0	3325.2	3306.6	3288.0	3219.7	3139.1	3064.6	2990.2	2872.3
-62.5°	3238.3	3300.4	3331.4	3312.8	3288.0	3257.0	3182.5	3089.5	3002.6	2922.0	2804.1
-65°	3058.4	3114.3	3151.5	3120.5	3083.2	3039.8	2971.6	2884.7	2804.1	2723.4	2618.0
-67.5°	2754.5	2835.1	2897.1	2828.9	2779.3	2723.4	2667.6	2593.2	2512.5	2419.4	2320.2
-70°	2276.8	2338.8	2394.6	2376.0	2363.6	2351.2	2314.0	2239.5	2171.3	2096.9	2010.0
-72.5°	1830.1	1885.9	1935.6	1904.5	1879.7	1842.5	1786.7	1706.0	1625.4	1544.7	1464.1
-75°	1011.2	1029.8	1048.4	1042.2	1042.2	1042.2	1042.2	1048.4	1036.0	1017.4	980.2
-77.5°	775.5	800.3	818.9	831.3	849.9	874.7	893.3	862.3	831.3	800.3	763.1
-80°	608.0	632.8	651.4	719.6	769.3	825.1	862.3	818.9	775.5	738.2	707.2
-82.5°	459.1	477.7	496.3	533.5	558.3	589.4	614.2	614.2	608.0	601.8	583.1
-85°	335.0	359.8	384.6	397.0	415.6	415.6	421.9	397.0	372.2	353.6	328.8
-87.5°	192.3	198.5	198.5	198.5	204.7	204.7	204.7	192.3	186.1	173.7	167.5
-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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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°	6.2	6.2	6.2	12.4	12.4	18.6	18.6	24.8	24.8	31.0	31.0
85°	37.2	37.2	37.2	43.4	43.4	49.6	55.8	62.0	68.2	68.2	74.4
82.5°	62.0	68.2	74.4	80.6	86.9	93.1	99.3	105.5	124.1	136.5	142.7
80°	62.0	68.2	86.9	99.3	111.7	124.1	124.1	124.1	124.1	130.3	142.7
77.5°	43.4	49.6	55.8	68.2	99.3	124.1	142.7	155.1	142.7	136.5	124.1
75°	24.8	31.0	37.2	43.4	62.0	86.9	117.9	148.9	173.7	167.5	155.1
72.5°	24.8	24.8	31.0	37.2	43.4	49.6	55.8	86.9	124.1	155.1	173.7
70°	24.8	31.0	31.0	37.2	43.4	49.6	55.8	68.2	86.9	124.1	161.3
67.5°	24.8	31.0	31.0	43.4	55.8	62.0	68.2	62.0	55.8	80.6	117.9
65°	24.8	24.8	31.0	37.2	43.4	49.6	68.2	68.2	62.0	62.0	62.0
62.5°	37.2	37.2	37.2	37.2	43.4	43.4	43.4	55.8	55.8	55.8	55.8
60°	74.4	68.2	68.2	68.2	68.2	55.8	55.8	55.8	49.6	55.8	49.6
57.5°	179.9	148.9	136.5	136.5	117.9	111.7	93.1	68.2	68.2	55.8	55.8
55°	366.0	347.4	291.6	241.9	217.1	192.3	148.9	124.1	93.1	74.4	68.2
52.5°	564.5	514.9	465.3	403.2	341.2	291.6	248.1	192.3	155.1	111.7	86.9
50°	738.2	694.8	639.0	570.7	490.1	428.1	366.0	291.6	229.5	173.7	124.1
47.5°	1005.0	918.2	849.9	769.3	676.2	589.4	508.7	421.9	322.6	254.4	192.3
45°	1290.4	1166.3	1073.2	998.8	874.7	756.9	663.8	570.7	452.9	335.0	260.6
42.5°	1488.9	1395.8	1271.8	1172.5	1060.8	936.8	812.7	713.4	589.4	452.9	335.0
40°	1594.4	1532.3	1433.1	1346.2	1228.3	1091.9	961.6	862.3	732.0	583.1	421.9
37.5°	1675.0	1644.0	1594.4	1526.1	1414.4	1253.2	1122.9	1005.0	893.3	719.6	545.9
35°	1768.1	1761.9	1730.8	1699.8	1606.8	1451.7	1296.6	1160.1	1023.6	862.3	670.0
32.5°	1854.9	1848.7	1830.1	1817.7	1780.5	1644.0	1476.5	1321.4	1166.3	998.8	787.9
30°	1898.3	1885.9	1885.9	1898.3	1861.1	1774.3	1650.2	1482.7	1309.0	1110.5	911.9
27.5°	1898.3	1885.9	1892.1	1910.7	1904.5	1861.1	1768.1	1631.6	1439.3	1215.9	1023.6
25°	1817.7	1879.7	1879.7	1904.5	1910.7	1898.3	1848.7	1761.9	1563.3	1327.6	1110.5
22.5°	1706.0	1854.9	1910.7	1904.5	1910.7	1941.8	1948.0	1867.3	1681.2	1439.3	1197.3
20°	1706.0	1811.5	1972.8	1929.4	1941.8	2010.0	2041.0	1972.8	1805.3	1544.7	1284.2
17.5°	1743.2	1811.5	1948.0	2016.2	2034.8	2090.7	2140.3	2096.9	1916.9	1656.4	1402.0
15°	1848.7	1836.3	1929.4	2096.9	2127.9	2171.3	2227.1	2177.5	2016.2	1780.5	1513.7
12.5°	1923.2	1854.9	1929.4	2109.3	2208.5	2251.9	2270.6	2233.3	2103.1	1892.1	1625.4
10°	2022.4	1904.5	1941.8	2096.9	2239.5	2270.6	2289.2	2276.8	2183.7	1985.2	1724.6
7.5°	2096.9	1929.4	1929.4	2078.2	2270.6	2295.4	2307.8	2320.2	2251.9	2065.8	1811.5
5°	2127.9	1929.4	1916.9	2059.6	2301.6	2326.4	2326.4	2345.0	2301.6	2127.9	1873.5
2.5°	2134.1	1923.2	1904.5	2047.2	2357.4	2357.4	2345.0	2363.6	2338.8	2165.1	1916.9
0°	2165.1	1916.9	1898.3	2065.8	2419.4	2394.6	2363.6	2369.8	2357.4	2183.7	1941.8
-2.5°	2165.1	1948.0	1923.2	2078.2	2413.2	2407.0	2394.6	2400.8	2388.4	2239.5	1991.4
-5°	2196.1	1991.4	1966.6	2134.1	2407.0	2425.7	2431.9	2431.9	2413.2	2276.8	2022.4
-7.5°	2202.3	2022.4	2016.2	2189.9	2419.4	2450.5	2469.1	2481.5	2444.3	2301.6	2047.2
-10°	2171.3	2034.8	2065.8	2258.2	2431.9	2475.3	2512.5	2531.1	2469.1	2314.0	2059.6
-12.5°	2103.1	2034.8	2115.5	2345.0	2462.9	2512.5	2568.3	2574.5	2493.9	2320.2	2065.8
-15°	2096.9	2084.4	2202.3	2431.9	2481.5	2543.5	2630.4	2611.8	2512.5	2320.2	2065.8
-17.5°	2090.7	2152.7	2332.6	2462.9	2512.5	2580.7	2649.0	2630.4	2524.9	2320.2	2053.4
-20°	2146.5	2264.4	2487.7	2493.9	2549.7	2624.2	2661.4	2624.2	2506.3	2301.6	2034.8

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CATALOG NUMBER: IFLD-L-SA8D-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°	2239.5	2462.9	2537.3	2562.1	2611.8	2667.6	2686.2	2630.4	2487.7	2270.6	2003.8
-25°	2475.3	2587.0	2587.0	2642.8	2692.4	2717.2	2698.6	2636.6	2462.9	2239.5	1972.8
-27.5°	2655.2	2649.0	2680.0	2735.8	2779.3	2779.3	2729.6	2605.6	2425.7	2208.5	1929.4
-30°	2723.4	2729.6	2773.1	2835.1	2847.5	2816.5	2742.0	2580.7	2394.6	2158.9	1873.5
-32.5°	2791.7	2816.5	2872.3	2903.3	2909.5	2847.5	2711.0	2537.3	2345.0	2103.1	1811.5
-35°	2872.3	2922.0	2953.0	2959.2	2928.2	2822.7	2667.6	2481.5	2270.6	2022.4	1755.7
-37.5°	2977.8	3002.6	3021.2	2996.4	2909.5	2785.5	2593.2	2407.0	2202.3	1935.6	1675.0
-40°	3046.0	3058.4	3064.6	2984.0	2878.5	2698.6	2512.5	2320.2	2084.4	1836.3	1588.2
-42.5°	3089.5	3077.0	3027.4	2940.6	2785.5	2611.8	2431.9	2214.7	1979.0	1737.0	1495.1
-45°	3077.0	3033.6	2959.2	2853.7	2692.4	2518.7	2307.8	2090.7	1867.3	1631.6	1389.6
-47.5°	3027.4	2959.2	2866.1	2742.0	2593.2	2382.2	2171.3	1960.4	1743.2	1513.7	1290.4
-50°	2965.4	2884.7	2773.1	2618.0	2419.4	2227.1	2034.8	1830.1	1606.8	1395.8	1197.3
-52.5°	2897.1	2810.3	2667.6	2493.9	2276.8	2078.2	1892.1	1693.6	1488.9	1290.4	1116.7
-55°	2822.7	2735.8	2574.5	2376.0	2158.9	1941.8	1761.9	1594.4	1395.8	1203.5	1048.4
-57.5°	2785.5	2673.8	2506.3	2307.8	2078.2	1854.9	1699.8	1519.9	1340.0	1141.5	992.6
-60°	2754.5	2642.8	2487.7	2258.2	2041.0	1830.1	1650.2	1476.5	1284.2	1098.1	949.2
-62.5°	2667.6	2549.7	2407.0	2183.7	1972.8	1780.5	1619.2	1414.4	1228.3	1054.6	918.2
-65°	2493.9	2369.8	2245.7	2047.2	1854.9	1675.0	1513.7	1327.6	1153.9	1005.0	887.1
-67.5°	2220.9	2115.5	2003.8	1836.3	1675.0	1513.7	1364.8	1203.5	1060.8	955.4	893.3
-70°	1916.9	1805.3	1693.6	1557.1	1420.7	1290.4	1172.5	1054.6	961.6	905.7	856.1
-72.5°	1395.8	1346.2	1290.4	1184.9	1073.2	992.6	936.8	887.1	818.9	769.3	738.2
-75°	930.6	862.3	775.5	738.2	744.4	732.0	701.0	663.8	632.8	614.2	570.7
-77.5°	725.8	688.6	645.2	601.8	583.1	564.5	539.7	508.7	483.9	440.5	378.4
-80°	670.0	639.0	608.0	576.9	545.9	502.5	452.9	403.2	378.4	359.8	353.6
-82.5°	552.1	514.9	477.7	446.7	403.2	372.2	341.2	316.4	316.4	310.2	304.0
-85°	316.4	304.0	285.4	273.0	260.6	241.9	223.3	210.9	204.7	198.5	192.3
-87.5°	161.3	155.1	142.7	136.5	130.3	124.1	111.7	105.5	99.3	99.3	93.1
-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-SA8D-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°	31.0	31.0	24.8	24.8	24.8	18.6	12.4	12.4	6.2	6.2	0.0
85°	74.4	62.0	55.8	49.6	49.6	37.2	24.8	18.6	12.4	6.2	6.2
82.5°	142.7	124.1	105.5	93.1	74.4	55.8	43.4	31.0	18.6	12.4	6.2
80°	161.3	161.3	155.1	130.3	105.5	80.6	55.8	37.2	24.8	18.6	12.4
77.5°	124.1	136.5	136.5	136.5	130.3	99.3	68.2	43.4	24.8	18.6	12.4
75°	142.7	124.1	117.9	124.1	117.9	99.3	80.6	49.6	31.0	24.8	12.4
72.5°	173.7	148.9	130.3	124.1	111.7	93.1	74.4	55.8	31.0	24.8	18.6
70°	161.3	155.1	142.7	130.3	111.7	93.1	74.4	55.8	37.2	24.8	18.6
67.5°	142.7	142.7	142.7	130.3	111.7	86.9	68.2	49.6	37.2	24.8	18.6
65°	99.3	117.9	130.3	124.1	111.7	86.9	68.2	49.6	37.2	31.0	18.6
62.5°	62.0	80.6	105.5	117.9	105.5	86.9	62.0	49.6	37.2	31.0	18.6
60°	55.8	62.0	74.4	93.1	99.3	80.6	62.0	43.4	37.2	31.0	18.6
57.5°	55.8	55.8	62.0	74.4	80.6	74.4	55.8	37.2	37.2	31.0	24.8
55°	62.0	55.8	55.8	62.0	68.2	68.2	55.8	37.2	37.2	31.0	24.8
52.5°	74.4	62.0	55.8	55.8	55.8	62.0	49.6	37.2	37.2	31.0	24.8
50°	93.1	74.4	68.2	55.8	55.8	55.8	49.6	37.2	31.0	31.0	24.8
47.5°	124.1	99.3	74.4	68.2	55.8	49.6	43.4	37.2	31.0	31.0	24.8
45°	186.1	117.9	99.3	74.4	62.0	55.8	49.6	37.2	31.0	31.0	24.8
42.5°	254.4	173.7	124.1	86.9	68.2	55.8	49.6	43.4	31.0	31.0	24.8
40°	322.6	235.7	155.1	111.7	80.6	62.0	49.6	43.4	37.2	31.0	24.8
37.5°	397.0	291.6	204.7	142.7	93.1	68.2	55.8	43.4	37.2	31.0	24.8
35°	490.1	366.0	254.4	173.7	111.7	80.6	62.0	43.4	37.2	31.0	24.8
32.5°	595.6	434.3	304.0	210.9	142.7	99.3	68.2	49.6	37.2	31.0	24.8
30°	694.8	514.9	359.8	254.4	173.7	111.7	74.4	49.6	37.2	31.0	18.6
27.5°	794.1	595.6	428.1	297.8	210.9	130.3	80.6	55.8	37.2	31.0	24.8
25°	893.3	676.2	496.3	341.2	241.9	155.1	99.3	62.0	37.2	31.0	24.8
22.5°	980.2	756.9	558.3	390.8	279.2	179.9	111.7	68.2	43.4	31.0	24.8
20°	1079.4	843.7	626.6	446.7	310.2	204.7	124.1	74.4	43.4	31.0	24.8
17.5°	1172.5	930.6	694.8	496.3	347.4	229.5	142.7	80.6	49.6	31.0	24.8
15°	1265.6	1011.2	756.9	545.9	384.6	254.4	155.1	86.9	55.8	31.0	24.8
12.5°	1352.4	1085.7	812.7	589.4	415.6	279.2	167.5	93.1	62.0	31.0	24.8
10°	1433.1	1153.9	868.5	626.6	446.7	297.8	179.9	105.5	68.2	31.0	24.8
7.5°	1513.7	1209.7	911.9	663.8	483.9	322.6	192.3	111.7	74.4	37.2	24.8
5°	1563.3	1259.4	949.2	694.8	514.9	347.4	204.7	117.9	80.6	37.2	24.8
2.5°	1606.8	1296.6	974.0	725.8	545.9	366.0	204.7	124.1	86.9	37.2	24.8
0°	1631.6	1321.4	992.6	744.4	570.7	378.4	210.9	130.3	93.1	37.2	24.8
-2.5°	1687.4	1364.8	1036.0	769.3	595.6	415.6	223.3	136.5	99.3	43.4	24.8
-5°	1724.6	1389.6	1067.0	794.1	614.2	452.9	241.9	148.9	111.7	55.8	31.0
-7.5°	1755.7	1414.4	1091.9	806.5	632.8	465.3	248.1	155.1	117.9	62.0	31.0
-10°	1761.9	1426.9	1110.5	825.1	645.2	483.9	254.4	161.3	124.1	68.2	31.0
-12.5°	1768.1	1439.3	1116.7	837.5	657.6	496.3	260.6	167.5	130.3	74.4	31.0
-15°	1761.9	1433.1	1116.7	849.9	663.8	483.9	273.0	173.7	136.5	80.6	31.0
-17.5°	1749.4	1426.9	1110.5	843.7	657.6	471.5	279.2	186.1	136.5	86.9	37.2
-20°	1730.8	1408.2	1098.1	837.5	651.4	459.1	285.4	192.3	142.7	86.9	37.2



REPORT NUMBER: P723690

CATALOG NUMBER: IFLD-L-SA8D-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°	1699.8	1377.2	1073.2	818.9	639.0	446.7	285.4	204.7	148.9	86.9	37.2
-25°	1662.6	1346.2	1048.4	794.1	620.4	428.1	285.4	210.9	155.1	86.9	37.2
-27.5°	1619.2	1315.2	1011.2	775.5	595.6	415.6	285.4	217.1	161.3	86.9	37.2
-30°	1569.5	1271.8	980.2	744.4	576.9	415.6	291.6	223.3	167.5	86.9	37.2
-32.5°	1519.9	1228.3	943.0	719.6	552.1	409.4	291.6	229.5	173.7	80.6	43.4
-35°	1464.1	1178.7	911.9	701.0	533.5	397.0	297.8	229.5	167.5	80.6	43.4
-37.5°	1395.8	1116.7	880.9	682.4	521.1	384.6	297.8	235.7	161.3	80.6	43.4
-40°	1321.4	1067.0	843.7	657.6	502.5	378.4	297.8	235.7	155.1	80.6	49.6
-42.5°	1240.7	1011.2	806.5	632.8	483.9	372.2	297.8	235.7	148.9	80.6	49.6
-45°	1166.3	955.4	763.1	601.8	465.3	372.2	297.8	229.5	136.5	86.9	49.6
-47.5°	1085.7	893.3	713.4	570.7	459.1	366.0	291.6	217.1	124.1	86.9	49.6
-50°	1017.4	831.3	676.2	539.7	446.7	372.2	297.8	198.5	124.1	86.9	49.6
-52.5°	949.2	787.9	632.8	527.3	434.3	378.4	291.6	186.1	124.1	86.9	49.6
-55°	893.3	744.4	608.0	508.7	446.7	390.8	279.2	167.5	124.1	86.9	49.6
-57.5°	849.9	719.6	589.4	514.9	465.3	378.4	260.6	161.3	124.1	80.6	49.6
-60°	818.9	694.8	595.6	539.7	471.5	359.8	248.1	161.3	124.1	80.6	43.4
-62.5°	794.1	701.0	626.6	558.3	446.7	335.0	235.7	161.3	111.7	74.4	43.4
-65°	800.3	725.8	639.0	533.5	428.1	310.2	217.1	155.1	105.5	68.2	43.4
-67.5°	818.9	707.2	601.8	502.5	384.6	279.2	198.5	142.7	99.3	68.2	43.4
-70°	756.9	651.4	545.9	428.1	328.8	241.9	186.1	130.3	86.9	62.0	43.4
-72.5°	682.4	545.9	434.3	347.4	279.2	223.3	167.5	117.9	80.6	55.8	37.2
-75°	496.3	397.0	322.6	291.6	248.1	198.5	148.9	105.5	74.4	55.8	37.2
-77.5°	353.6	328.8	297.8	266.8	223.3	173.7	130.3	99.3	68.2	49.6	31.0
-80°	347.4	316.4	279.2	229.5	186.1	148.9	111.7	86.9	62.0	43.4	24.8
-82.5°	291.6	248.1	210.9	173.7	142.7	117.9	93.1	68.2	49.6	31.0	18.6
-85°	179.9	155.1	136.5	117.9	99.3	80.6	62.0	43.4	31.0	18.6	12.4
-87.5°	86.9	80.6	68.2	55.8	49.6	37.2	31.0	24.8	18.6	12.4	6.2
-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-730-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°	6.2	0.0	0.0	0.0
80°	6.2	0.0	0.0	0.0
77.5°	6.2	0.0	0.0	0.0
75°	6.2	6.2	0.0	0.0
72.5°	6.2	6.2	0.0	0.0
70°	12.4	6.2	6.2	0.0
67.5°	12.4	6.2	6.2	0.0
65°	12.4	6.2	6.2	0.0
62.5°	12.4	6.2	6.2	0.0
60°	12.4	6.2	6.2	0.0
57.5°	12.4	6.2	6.2	0.0
55°	12.4	6.2	6.2	0.0
52.5°	12.4	6.2	6.2	0.0
50°	12.4	6.2	6.2	0.0
47.5°	12.4	12.4	6.2	0.0
45°	12.4	12.4	6.2	0.0
42.5°	12.4	12.4	6.2	0.0
40°	12.4	12.4	6.2	0.0
37.5°	12.4	12.4	6.2	0.0
35°	12.4	12.4	6.2	0.0
32.5°	18.6	12.4	6.2	0.0
30°	18.6	12.4	12.4	0.0
27.5°	18.6	12.4	12.4	0.0
25°	18.6	12.4	12.4	0.0
22.5°	18.6	12.4	12.4	0.0
20°	18.6	12.4	12.4	0.0
17.5°	18.6	12.4	12.4	0.0
15°	18.6	12.4	12.4	0.0
12.5°	18.6	12.4	12.4	0.0
10°	18.6	12.4	12.4	0.0
7.5°	18.6	12.4	12.4	0.0
5°	18.6	12.4	12.4	0.0
2.5°	18.6	12.4	12.4	0.0
0°	18.6	12.4	12.4	0.0
-2.5°	18.6	12.4	12.4	0.0
-5°	18.6	12.4	12.4	0.0
-7.5°	18.6	12.4	12.4	0.0
-10°	18.6	12.4	12.4	0.0
-12.5°	24.8	12.4	12.4	0.0
-15°	24.8	12.4	12.4	0.0
-17.5°	24.8	12.4	12.4	0.0
-20°	24.8	12.4	12.4	0.0

REPORT NUMBER: P723690

CATALOG NUMBER: IFLD-L-SA8D-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	24.8	12.4	12.4	0.0
-25°	24.8	12.4	12.4	0.0
-27.5°	24.8	12.4	12.4	0.0
-30°	24.8	12.4	12.4	0.0
-32.5°	24.8	12.4	12.4	0.0
-35°	24.8	12.4	12.4	0.0
-37.5°	24.8	12.4	12.4	0.0
-40°	24.8	12.4	12.4	0.0
-42.5°	18.6	12.4	6.2	0.0
-45°	24.8	12.4	6.2	0.0
-47.5°	24.8	12.4	6.2	0.0
-50°	24.8	12.4	6.2	0.0
-52.5°	24.8	12.4	6.2	0.0
-55°	24.8	12.4	6.2	0.0
-57.5°	24.8	12.4	6.2	0.0
-60°	24.8	12.4	6.2	0.0
-62.5°	24.8	12.4	6.2	0.0
-65°	24.8	12.4	6.2	0.0
-67.5°	24.8	12.4	6.2	0.0
-70°	24.8	6.2	6.2	0.0
-72.5°	18.6	6.2	6.2	0.0
-75°	18.6	6.2	6.2	0.0
-77.5°	12.4	6.2	0.0	0.0
-80°	12.4	6.2	0.0	0.0
-82.5°	12.4	6.2	0.0	0.0
-85°	6.2	0.0	0.0	0.0
-87.5°	6.2	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)