

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: P723744

Luminaire Tested: **IFLD-L-SA7E-740-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723744
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7E-740-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (112) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	29884.8 lumens	Max Intensity:	703083.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	56.1 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:	10837.4 lumens	Field Lumens:	17277 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

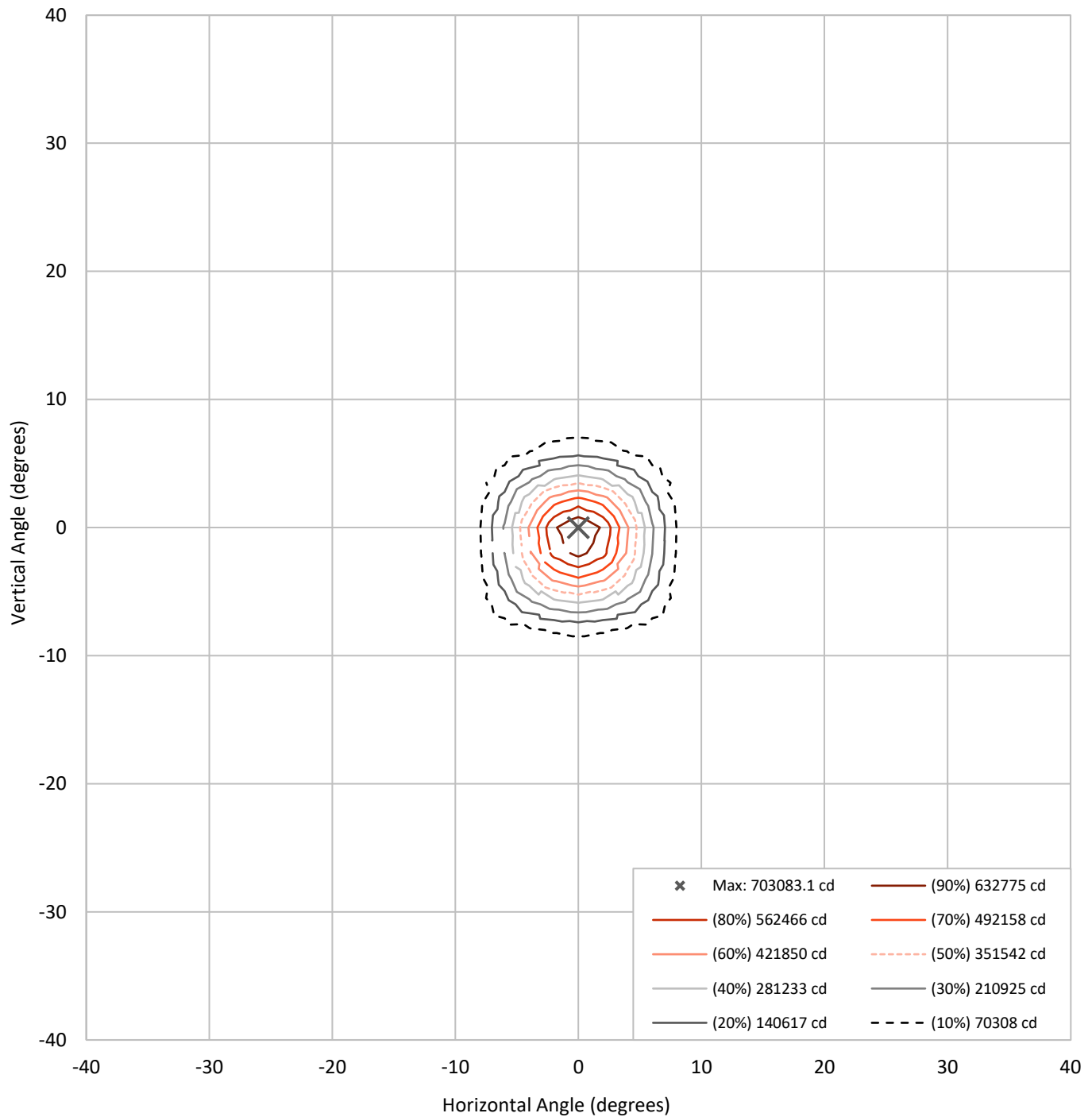
Input Watts (W): 532.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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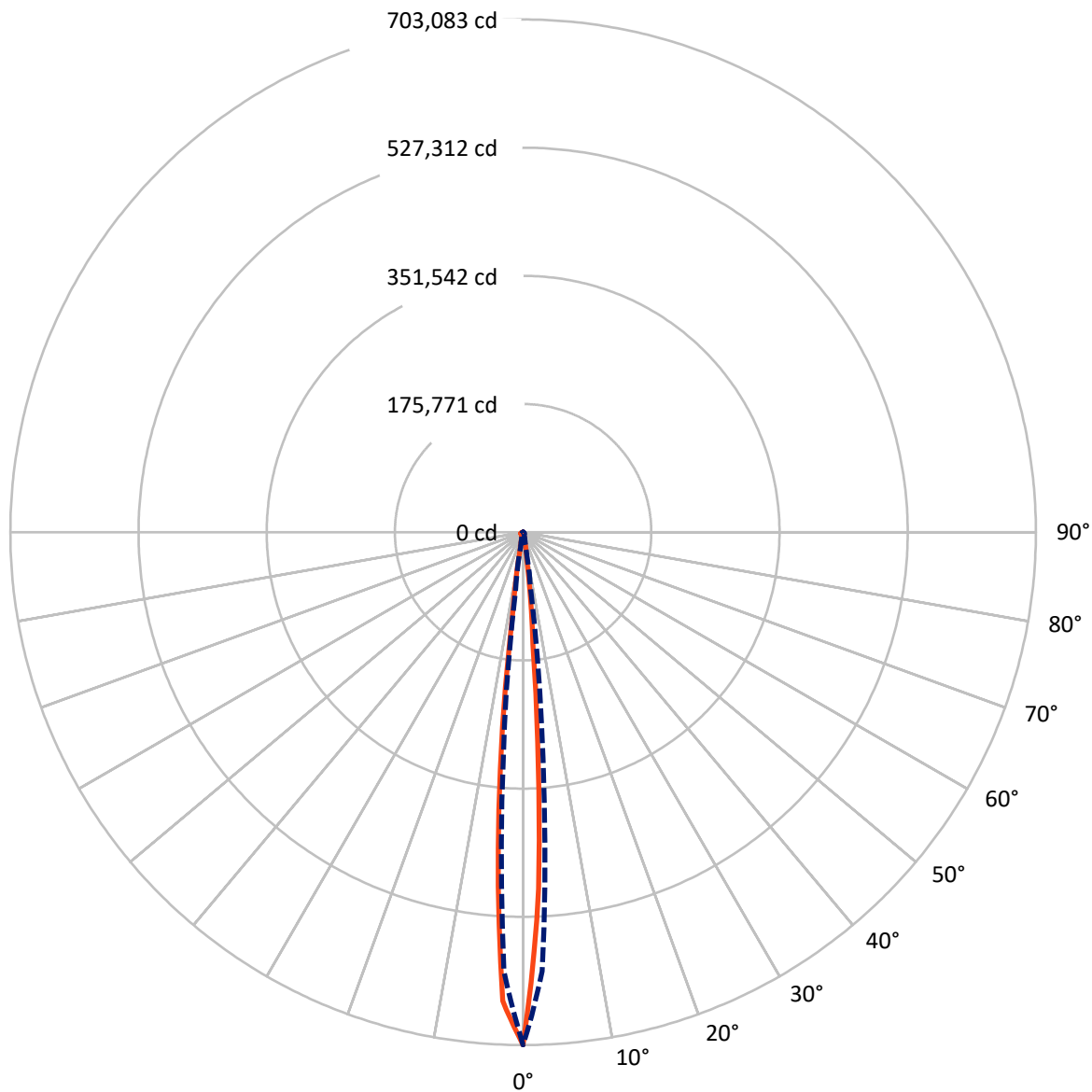
Lumen Table

90																			
80	0.5	6.6		7.2		2.8		0.8		2.8		7.2		6.6		0.5			
70																			
60	0.8	1.5	1.9	1.5	1.2	0.9	0.8	0.4	0.4	0.8	0.9	1.2	1.5	1.9	1.5	0.8			
50		0.9	1.4	3.5	7.7	12.6	16.2	18.5	18.5	16.2	12.6	7.7	3.5	1.4	0.9				
40	0.8	1.0	4.1	13.6	26.8	39.2	47.2	52.3	52.3	47.2	39.2	26.8	13.6	4.1	1.0	0.8			
30		2.0	10.4	28.0	45.5	53.4	57.7	59.7	59.7	57.7	53.4	45.5	28.0	10.4	2.0				
20	1.2	3.9	17.7	40.7	52.7	54.2	64.0	77.0	77.0	64.0	54.2	52.7	40.7	17.7	3.9	1.2			
10		6.1	24.8	50.0	56.2	63.3	111.3	189.7	189.7	111.3	63.3	56.2	50.0	24.8	6.1				
0	2.0	7.9	30.5	54.9	58.2	78.2	211.7	3923.1	3923.1	211.7	78.2	58.2	54.9	30.5	7.9	2.0			
-10		9.2	33.4	57.7	60.4	80.8	228.1	5720.3	5720.3	228.1	80.8	60.4	57.7	33.4	9.2				
-20	2.9	9.9	34.2	60.7	65.3	72.9	132.6	254.5	254.5	132.6	72.9	65.3	60.7	34.2	9.9	2.9			
-30		9.3	32.5	61.5	73.3	73.4	85.9	104.7	104.7	85.9	73.4	73.3	61.5	32.5	9.3				
-40	3.2	8.3	28.7	58.8	80.7	87.9	91.5	92.3	92.3	91.5	87.9	80.7	58.8	28.7	8.3	3.2			
-50		7.2	23.1	49.9	77.8	94.6	106.0	111.2	111.2	106.0	94.6	77.8	49.9	23.1	7.2				
-60	2.5	6.6	17.9	38.7	66.3	89.1	103.5	109.5	109.5	103.5	89.1	66.3	38.7	17.9	6.6	2.5			
-70		6.1	15.7	31.5	55.4	77.9	94.3	101.9	101.9	94.3	77.9	55.4	31.5	15.7	6.1				
-80	1.1	18.5		55.1		102.0		112.6		102.0		55.1		18.5		1.1			
-90																			
Horizontal Angle (degrees)																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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Luminous Intensity Polar Plot



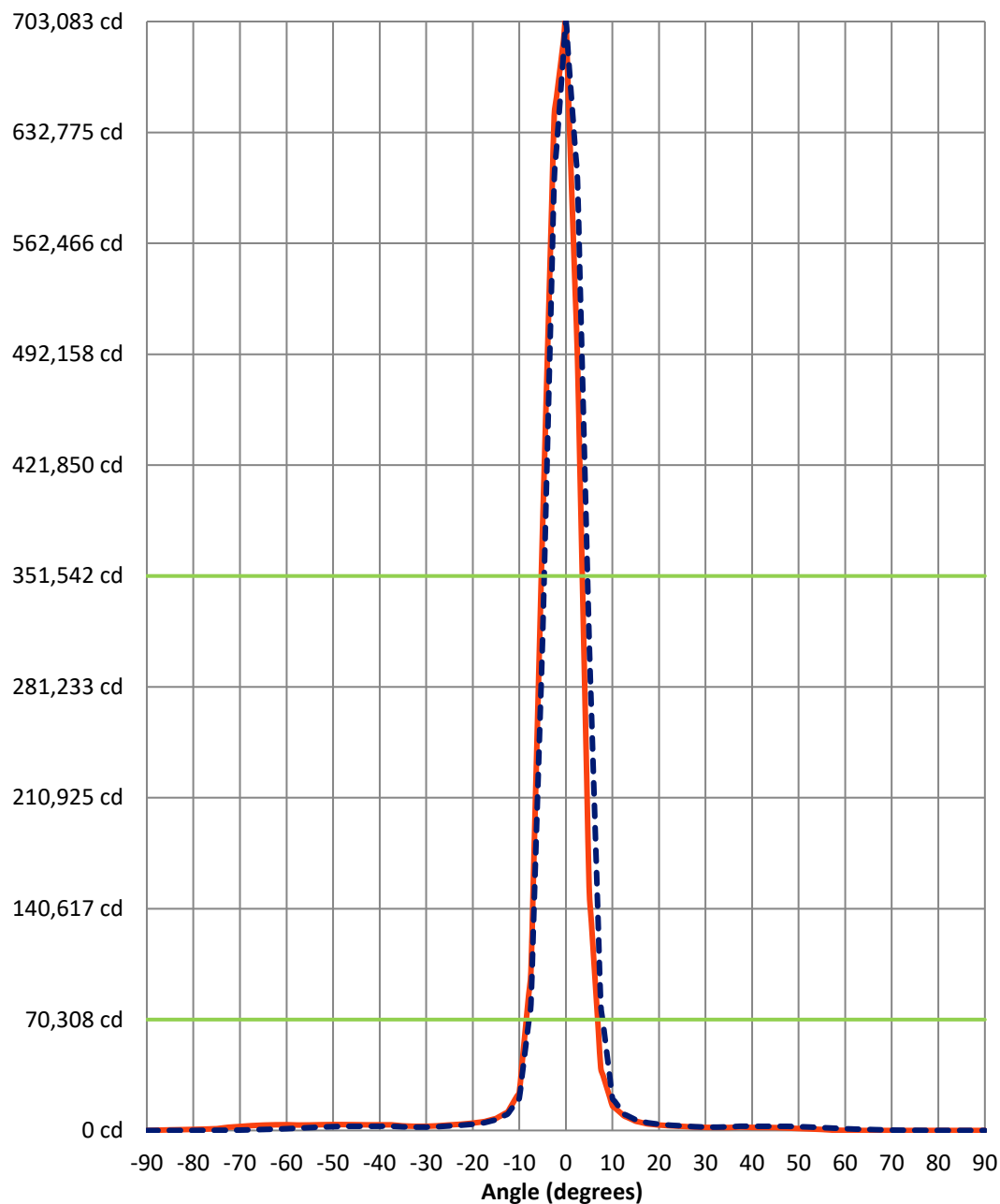
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 10837.4

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 17277

Efficiency: 57.8%

Spill:

Lumens: 12607.8

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	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
85°	0.0	6.9	6.9	13.8	13.8	13.8	20.7	27.6	34.5	34.5	41.4
82.5°	0.0	6.9	6.9	13.8	13.8	20.7	20.7	34.5	41.4	48.3	62.1
80°	6.9	6.9	6.9	13.8	13.8	20.7	20.7	27.6	34.5	48.3	55.2
77.5°	0.0	6.9	6.9	6.9	13.8	13.8	13.8	20.7	27.6	34.5	41.4
75°	0.0	6.9	6.9	6.9	13.8	13.8	13.8	13.8	20.7	20.7	27.6
72.5°	0.0	0.0	0.0	6.9	6.9	13.8	13.8	13.8	20.7	20.7	20.7
70°	0.0	0.0	0.0	6.9	6.9	13.8	13.8	13.8	20.7	20.7	20.7
67.5°	0.0	0.0	0.0	6.9	6.9	13.8	13.8	13.8	20.7	20.7	20.7
65°	0.0	0.0	0.0	6.9	6.9	13.8	13.8	20.7	20.7	20.7	20.7
62.5°	6.9	6.9	6.9	13.8	20.7	20.7	27.6	34.5	34.5	34.5	34.5
60°	69.0	75.9	82.8	82.8	75.9	75.9	82.8	82.8	82.8	82.8	82.8
57.5°	186.3	200.1	207.0	207.0	207.0	200.1	227.7	234.6	207.0	193.2	213.9
55°	648.5	669.2	655.4	634.7	593.3	545.0	531.2	524.3	531.2	496.7	441.5
52.5°	945.1	965.8	958.9	945.1	917.5	883.0	855.4	827.9	800.3	745.1	683.0
50°	1228.0	1234.9	1228.0	1214.2	1186.6	1152.1	1096.9	1034.8	979.6	965.8	910.6
47.5°	1545.3	1566.0	1566.0	1559.1	1538.4	1476.3	1393.6	1303.9	1262.5	1248.7	1193.5
45°	1828.2	1842.0	1848.9	1855.8	1848.9	1786.8	1710.9	1662.6	1572.9	1545.3	1545.3
42.5°	1904.1	1911.0	1917.9	1924.8	1945.5	1897.2	1835.1	1752.3	1731.6	1724.7	1710.9
40°	1931.7	1917.9	1924.8	1931.7	1938.6	1904.1	1855.8	1807.5	1793.7	1779.9	1779.9
37.5°	2193.8	2131.7	2083.4	2042.0	2007.5	1973.1	1924.8	1883.4	1848.9	1821.3	1848.9
35°	1869.6	1869.6	1917.9	1959.3	2000.6	2042.0	2048.9	2000.6	1924.8	1890.3	1938.6
32.5°	1911.0	1911.0	1911.0	1924.8	1938.6	1973.1	2007.5	2028.2	2083.4	2021.3	2021.3
30°	1952.4	1959.3	1973.1	1980.0	1959.3	1945.5	1931.7	1931.7	1966.2	2055.8	2104.1
27.5°	2193.8	2193.8	2173.1	2145.5	2083.4	1986.9	1938.6	1869.6	1876.5	1917.9	2035.1
25°	2587.0	2573.2	2525.0	2456.0	2345.6	2207.6	2076.5	1931.7	1869.6	1848.9	1897.2
22.5°	2959.6	2938.9	2876.8	2814.7	2725.0	2587.0	2366.3	2145.5	1952.4	1869.6	1848.9
20°	3435.6	3387.3	3318.3	3221.7	3076.9	2938.9	2745.7	2456.0	2173.1	1959.3	1876.5
17.5°	4201.4	4139.3	4008.2	3835.7	3587.4	3373.5	3097.6	2821.6	2504.3	2159.3	1973.1
15°	5877.8	5719.1	5491.4	5015.4	4525.6	4118.6	3704.6	3242.4	2918.2	2462.9	2180.0
12.5°	9244.4	8809.8	8147.5	7036.8	5939.9	4994.7	4325.5	3732.2	3207.9	2787.1	2387.0
10°	15646.5	14715.1	12886.9	9851.5	7830.1	6091.6	4891.2	4097.9	3435.6	3001.0	2559.5
7.5°	39571.5	32279.4	22841.9	15598.2	10244.7	7443.8	5594.9	4442.8	3677.1	3138.9	2697.4
5°	154229.3	127048.1	67773.7	28285.0	15411.9	9002.9	6229.6	4718.8	3835.7	3242.4	2800.9
2.5°	489475.9	422695.7	221768.5	60888.7	18923.4	10141.2	6664.2	4891.2	3925.4	3318.3	2876.8
0°	703083.1	602567.8	311238.8	80081.1	20523.9	10431.0	6802.2	4925.7	3939.2	3332.1	2876.8
-2.5°	643201.6	562927.3	300656.1	74520.7	20972.3	10513.8	6912.6	5043.0	4042.7	3394.2	2897.5
-5°	382186.0	335232.8	209730.1	53134.5	18633.6	9761.8	6622.8	4939.5	3973.7	3359.7	2883.7
-7.5°	100694.7	87173.1	57342.7	27726.2	12059.1	8257.8	6084.7	4767.1	3884.0	3297.6	2828.5
-10°	24276.8	23007.5	20551.5	12597.2	9389.3	6898.8	5394.9	4456.6	3704.6	3214.8	2738.8
-12.5°	11707.2	11431.3	10375.8	8554.5	6967.8	5732.9	4884.3	4132.4	3539.1	3070.0	2614.6
-15°	7616.3	7457.6	7098.9	6402.1	5594.9	5001.6	4408.3	3801.2	3332.1	2856.1	2511.2
-17.5°	5636.3	5629.4	5450.0	5187.9	4787.8	4346.2	3911.6	3525.3	3070.0	2662.9	2400.8
-20°	4670.5	4670.5	4567.0	4394.5	4111.7	3821.9	3532.2	3173.4	2800.9	2497.4	2387.0

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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°	3966.8	3973.7	3918.5	3808.1	3656.4	3414.9	3132.0	2842.3	2573.2	2462.9	2428.4
-25°	3511.5	3497.7	3435.6	3332.1	3173.4	2980.3	2794.0	2600.8	2525.0	2497.4	2545.7
-27.5°	2973.4	2994.1	2966.5	2918.2	2814.7	2676.7	2635.3	2580.1	2593.9	2635.3	2821.6
-30°	2656.0	2676.7	2704.3	2725.0	2690.5	2656.0	2669.8	2711.2	2800.9	2959.6	3028.6
-32.5°	2656.0	2662.9	2704.3	2745.7	2766.4	2794.0	2869.9	3007.9	3138.9	3097.6	3083.8
-35°	2897.5	2876.8	2932.0	2987.2	3063.1	3159.6	3242.4	3214.8	3166.5	3152.7	3166.5
-37.5°	3587.4	3456.3	3401.1	3366.6	3345.9	3332.1	3311.4	3290.7	3270.0	3256.2	3276.9
-40°	3580.5	3546.0	3511.5	3483.9	3463.2	3435.6	3421.8	3414.9	3394.2	3380.4	3366.6
-42.5°	3566.7	3580.5	3580.5	3573.6	3580.5	3573.6	3552.9	3525.3	3490.8	3463.2	3435.6
-45°	3670.2	3677.1	3690.9	3704.6	3725.3	3697.8	3656.4	3608.1	3559.8	3518.4	3483.9
-47.5°	3732.2	3739.1	3752.9	3773.6	3787.4	3759.8	3704.6	3642.6	3566.7	3497.7	3428.7
-50°	3752.9	3773.6	3780.5	3780.5	3773.6	3739.1	3656.4	3566.7	3483.9	3414.9	3352.8
-52.5°	3656.4	3677.1	3684.0	3670.2	3663.3	3628.8	3552.9	3470.1	3380.4	3332.1	3276.9
-55°	3497.7	3525.3	3546.0	3546.0	3546.0	3539.1	3470.1	3394.2	3325.2	3270.0	3214.8
-57.5°	3435.6	3483.9	3525.3	3532.2	3539.1	3546.0	3497.7	3421.8	3339.0	3256.2	3187.2
-60°	3663.3	3704.6	3725.3	3697.8	3677.1	3656.4	3580.5	3490.8	3408.0	3325.2	3194.1
-62.5°	3601.2	3670.2	3704.6	3684.0	3656.4	3621.9	3539.1	3435.6	3339.0	3249.3	3118.3
-65°	3401.1	3463.2	3504.6	3470.1	3428.7	3380.4	3304.5	3207.9	3118.3	3028.6	2911.3
-67.5°	3063.1	3152.7	3221.7	3145.8	3090.7	3028.6	2966.5	2883.7	2794.0	2690.5	2580.1
-70°	2531.9	2600.8	2662.9	2642.2	2628.4	2614.6	2573.2	2490.5	2414.6	2331.8	2235.2
-72.5°	2035.1	2097.2	2152.4	2117.9	2090.3	2048.9	1986.9	1897.2	1807.5	1717.8	1628.1
-75°	1124.5	1145.2	1165.9	1159.0	1159.0	1159.0	1159.0	1165.9	1152.1	1131.4	1090.0
-77.5°	862.3	889.9	910.6	924.4	945.1	972.7	993.4	958.9	924.4	889.9	848.6
-80°	676.1	703.7	724.4	800.3	855.4	917.5	958.9	910.6	862.3	821.0	786.5
-82.5°	510.5	531.2	551.9	593.3	620.9	655.4	683.0	683.0	676.1	669.2	648.5
-85°	372.5	400.1	427.7	441.5	462.2	462.2	469.1	441.5	413.9	393.2	365.6
-87.5°	213.9	220.8	220.8	220.8	227.7	227.7	227.7	213.9	207.0	193.2	186.3
-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°	6.9	6.9	6.9	13.8	13.8	20.7	20.7	27.6	27.6	34.5	34.5
85°	41.4	41.4	41.4	48.3	48.3	55.2	62.1	69.0	75.9	75.9	82.8
82.5°	69.0	75.9	82.8	89.7	96.6	103.5	110.4	117.3	138.0	151.8	158.7
80°	69.0	75.9	96.6	110.4	124.2	138.0	138.0	138.0	138.0	144.9	158.7
77.5°	48.3	55.2	62.1	75.9	110.4	138.0	158.7	172.5	158.7	151.8	138.0
75°	27.6	34.5	41.4	48.3	69.0	96.6	131.1	165.6	193.2	186.3	172.5
72.5°	27.6	27.6	34.5	41.4	48.3	55.2	62.1	96.6	138.0	172.5	193.2
70°	27.6	34.5	34.5	41.4	48.3	55.2	62.1	75.9	96.6	138.0	179.4
67.5°	27.6	34.5	34.5	48.3	62.1	69.0	75.9	69.0	62.1	89.7	131.1
65°	27.6	27.6	34.5	41.4	48.3	55.2	75.9	75.9	69.0	69.0	69.0
62.5°	41.4	41.4	41.4	41.4	48.3	48.3	48.3	62.1	62.1	62.1	62.1
60°	82.8	75.9	75.9	75.9	75.9	62.1	62.1	62.1	55.2	62.1	55.2
57.5°	200.1	165.6	151.8	151.8	131.1	124.2	103.5	75.9	75.9	62.1	62.1
55°	407.0	386.3	324.2	269.1	241.5	213.9	165.6	138.0	103.5	82.8	75.9
52.5°	627.8	572.6	517.4	448.4	379.4	324.2	276.0	213.9	172.5	124.2	96.6
50°	821.0	772.7	710.6	634.7	545.0	476.0	407.0	324.2	255.3	193.2	138.0
47.5°	1117.6	1021.0	945.1	855.4	752.0	655.4	565.7	469.1	358.7	282.9	213.9
45°	1434.9	1297.0	1193.5	1110.7	972.7	841.7	738.2	634.7	503.6	372.5	289.7
42.5°	1655.7	1552.2	1414.3	1303.9	1179.7	1041.7	903.7	793.4	655.4	503.6	372.5
40°	1773.0	1704.0	1593.6	1497.0	1366.0	1214.2	1069.3	958.9	814.1	648.5	469.1
37.5°	1862.7	1828.2	1773.0	1697.1	1572.9	1393.6	1248.7	1117.6	993.4	800.3	607.1
35°	1966.2	1959.3	1924.8	1890.3	1786.8	1614.3	1441.8	1290.1	1138.3	958.9	745.1
32.5°	2062.7	2055.8	2035.1	2021.3	1980.0	1828.2	1641.9	1469.4	1297.0	1110.7	876.1
30°	2111.0	2097.2	2097.2	2111.0	2069.6	1973.1	1835.1	1648.8	1455.6	1234.9	1014.1
27.5°	2111.0	2097.2	2104.1	2124.8	2117.9	2069.6	1966.2	1814.4	1600.5	1352.2	1138.3
25°	2021.3	2090.3	2090.3	2117.9	2124.8	2111.0	2055.8	1959.3	1738.5	1476.3	1234.9
22.5°	1897.2	2062.7	2124.8	2117.9	2124.8	2159.3	2166.2	2076.5	1869.6	1600.5	1331.5
20°	1897.2	2014.4	2193.8	2145.5	2159.3	2235.2	2269.7	2193.8	2007.5	1717.8	1428.0
17.5°	1938.6	2014.4	2166.2	2242.1	2262.8	2324.9	2380.1	2331.8	2131.7	1842.0	1559.1
15°	2055.8	2042.0	2145.5	2331.8	2366.3	2414.6	2476.7	2421.5	2242.1	1980.0	1683.3
12.5°	2138.6	2062.7	2145.5	2345.6	2456.0	2504.3	2525.0	2483.6	2338.7	2104.1	1807.5
10°	2249.0	2117.9	2159.3	2331.8	2490.5	2525.0	2545.7	2531.9	2428.4	2207.6	1917.9
7.5°	2331.8	2145.5	2145.5	2311.1	2525.0	2552.6	2566.3	2580.1	2504.3	2297.3	2014.4
5°	2366.3	2145.5	2131.7	2290.4	2559.5	2587.0	2587.0	2607.7	2559.5	2366.3	2083.4
2.5°	2373.2	2138.6	2117.9	2276.6	2621.5	2621.5	2607.7	2628.4	2600.8	2407.7	2131.7
0°	2407.7	2131.7	2111.0	2297.3	2690.5	2662.9	2628.4	2635.3	2621.5	2428.4	2159.3
-2.5°	2407.7	2166.2	2138.6	2311.1	2683.6	2676.7	2662.9	2669.8	2656.0	2490.5	2214.5
-5°	2442.2	2214.5	2186.9	2373.2	2676.7	2697.4	2704.3	2704.3	2683.6	2531.9	2249.0
-7.5°	2449.1	2249.0	2242.1	2435.3	2690.5	2725.0	2745.7	2759.5	2718.1	2559.5	2276.6
-10°	2414.6	2262.8	2297.3	2511.2	2704.3	2752.6	2794.0	2814.7	2745.7	2573.2	2290.4
-12.5°	2338.7	2262.8	2352.5	2607.7	2738.8	2794.0	2856.1	2863.0	2773.3	2580.1	2297.3
-15°	2331.8	2318.0	2449.1	2704.3	2759.5	2828.5	2925.1	2904.4	2794.0	2580.1	2297.3
-17.5°	2324.9	2393.9	2593.9	2738.8	2794.0	2869.9	2945.8	2925.1	2807.8	2580.1	2283.5
-20°	2387.0	2518.1	2766.4	2773.3	2835.4	2918.2	2959.6	2918.2	2787.1	2559.5	2262.8

REPORT NUMBER: P723744

CATALOG NUMBER: IFLD-L-SA7E-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°	2490.5	2738.8	2821.6	2849.2	2904.4	2966.5	2987.2	2925.1	2766.4	2525.0	2228.3
-25°	2752.6	2876.8	2876.8	2938.9	2994.1	3021.7	3001.0	2932.0	2738.8	2490.5	2193.8
-27.5°	2952.7	2945.8	2980.3	3042.4	3090.7	3090.7	3035.5	2897.5	2697.4	2456.0	2145.5
-30°	3028.6	3035.5	3083.8	3152.7	3166.5	3132.0	3049.3	2869.9	2662.9	2400.8	2083.4
-32.5°	3104.5	3132.0	3194.1	3228.6	3235.5	3166.5	3014.8	2821.6	2607.7	2338.7	2014.4
-35°	3194.1	3249.3	3283.8	3290.7	3256.2	3138.9	2966.5	2759.5	2525.0	2249.0	1952.4
-37.5°	3311.4	3339.0	3359.7	3332.1	3235.5	3097.6	2883.7	2676.7	2449.1	2152.4	1862.7
-40°	3387.3	3401.1	3408.0	3318.3	3201.0	3001.0	2794.0	2580.1	2318.0	2042.0	1766.1
-42.5°	3435.6	3421.8	3366.6	3270.0	3097.6	2904.4	2704.3	2462.9	2200.7	1931.7	1662.6
-45°	3421.8	3373.5	3290.7	3173.4	2994.1	2800.9	2566.3	2324.9	2076.5	1814.4	1545.3
-47.5°	3366.6	3290.7	3187.2	3049.3	2883.7	2649.1	2414.6	2180.0	1938.6	1683.3	1434.9
-50°	3297.6	3207.9	3083.8	2911.3	2690.5	2476.7	2262.8	2035.1	1786.8	1552.2	1331.5
-52.5°	3221.7	3125.2	2966.5	2773.3	2531.9	2311.1	2104.1	1883.4	1655.7	1434.9	1241.8
-55°	3138.9	3042.4	2863.0	2642.2	2400.8	2159.3	1959.3	1773.0	1552.2	1338.4	1165.9
-57.5°	3097.6	2973.4	2787.1	2566.3	2311.1	2062.7	1890.3	1690.2	1490.1	1269.4	1103.8
-60°	3063.1	2938.9	2766.4	2511.2	2269.7	2035.1	1835.1	1641.9	1428.0	1221.1	1055.5
-62.5°	2966.5	2835.4	2676.7	2428.4	2193.8	1980.0	1800.6	1572.9	1366.0	1172.8	1021.0
-65°	2773.3	2635.3	2497.4	2276.6	2062.7	1862.7	1683.3	1476.3	1283.2	1117.6	986.5
-67.5°	2469.8	2352.5	2228.3	2042.0	1862.7	1683.3	1517.7	1338.4	1179.7	1062.4	993.4
-70°	2131.7	2007.5	1883.4	1731.6	1579.8	1434.9	1303.9	1172.8	1069.3	1007.2	952.0
-72.5°	1552.2	1497.0	1434.9	1317.7	1193.5	1103.8	1041.7	986.5	910.6	855.4	821.0
-75°	1034.8	958.9	862.3	821.0	827.9	814.1	779.6	738.2	703.7	683.0	634.7
-77.5°	807.2	765.8	717.5	669.2	648.5	627.8	600.2	565.7	538.1	489.8	420.8
-80°	745.1	710.6	676.1	641.6	607.1	558.8	503.6	448.4	420.8	400.1	393.2
-82.5°	614.0	572.6	531.2	496.7	448.4	413.9	379.4	351.8	351.8	344.9	338.0
-85°	351.8	338.0	317.3	303.5	289.7	269.1	248.4	234.6	227.7	220.8	213.9
-87.5°	179.4	172.5	158.7	151.8	144.9	138.0	124.2	117.3	110.4	110.4	103.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P723744

CATALOG NUMBER: IFLD-L-SA7E-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°	34.5	34.5	27.6	27.6	27.6	20.7	13.8	13.8	6.9	6.9	0.0
85°	82.8	69.0	62.1	55.2	55.2	41.4	27.6	20.7	13.8	6.9	6.9
82.5°	158.7	138.0	117.3	103.5	82.8	62.1	48.3	34.5	20.7	13.8	6.9
80°	179.4	179.4	172.5	144.9	117.3	89.7	62.1	41.4	27.6	20.7	13.8
77.5°	138.0	151.8	151.8	151.8	144.9	110.4	75.9	48.3	27.6	20.7	13.8
75°	158.7	138.0	131.1	138.0	131.1	110.4	89.7	55.2	34.5	27.6	13.8
72.5°	193.2	165.6	144.9	138.0	124.2	103.5	82.8	62.1	34.5	27.6	20.7
70°	179.4	172.5	158.7	144.9	124.2	103.5	82.8	62.1	41.4	27.6	20.7
67.5°	158.7	158.7	158.7	144.9	124.2	96.6	75.9	55.2	41.4	27.6	20.7
65°	110.4	131.1	144.9	138.0	124.2	96.6	75.9	55.2	41.4	34.5	20.7
62.5°	69.0	89.7	117.3	131.1	117.3	96.6	69.0	55.2	41.4	34.5	20.7
60°	62.1	69.0	82.8	103.5	110.4	89.7	69.0	48.3	41.4	34.5	20.7
57.5°	62.1	62.1	69.0	82.8	89.7	82.8	62.1	41.4	41.4	34.5	27.6
55°	69.0	62.1	62.1	69.0	75.9	75.9	62.1	41.4	41.4	34.5	27.6
52.5°	82.8	69.0	62.1	62.1	62.1	69.0	55.2	41.4	41.4	34.5	27.6
50°	103.5	82.8	75.9	62.1	62.1	62.1	55.2	41.4	34.5	34.5	27.6
47.5°	138.0	110.4	82.8	75.9	62.1	55.2	48.3	41.4	34.5	34.5	27.6
45°	207.0	131.1	110.4	82.8	69.0	62.1	55.2	41.4	34.5	34.5	27.6
42.5°	282.9	193.2	138.0	96.6	75.9	62.1	55.2	48.3	34.5	34.5	27.6
40°	358.7	262.2	172.5	124.2	89.7	69.0	55.2	48.3	41.4	34.5	27.6
37.5°	441.5	324.2	227.7	158.7	103.5	75.9	62.1	48.3	41.4	34.5	27.6
35°	545.0	407.0	282.9	193.2	124.2	89.7	69.0	48.3	41.4	34.5	27.6
32.5°	662.3	482.9	338.0	234.6	158.7	110.4	75.9	55.2	41.4	34.5	27.6
30°	772.7	572.6	400.1	282.9	193.2	124.2	82.8	55.2	41.4	34.5	20.7
27.5°	883.0	662.3	476.0	331.1	234.6	144.9	89.7	62.1	41.4	34.5	27.6
25°	993.4	752.0	551.9	379.4	269.1	172.5	110.4	69.0	41.4	34.5	27.6
22.5°	1090.0	841.7	620.9	434.6	310.4	200.1	124.2	75.9	48.3	34.5	27.6
20°	1200.4	938.2	696.8	496.7	344.9	227.7	138.0	82.8	48.3	34.5	27.6
17.5°	1303.9	1034.8	772.7	551.9	386.3	255.3	158.7	89.7	55.2	34.5	27.6
15°	1407.4	1124.5	841.7	607.1	427.7	282.9	172.5	96.6	62.1	34.5	27.6
12.5°	1503.9	1207.3	903.7	655.4	462.2	310.4	186.3	103.5	69.0	34.5	27.6
10°	1593.6	1283.2	965.8	696.8	496.7	331.1	200.1	117.3	75.9	34.5	27.6
7.5°	1683.3	1345.3	1014.1	738.2	538.1	358.7	213.9	124.2	82.8	41.4	27.6
5°	1738.5	1400.5	1055.5	772.7	572.6	386.3	227.7	131.1	89.7	41.4	27.6
2.5°	1786.8	1441.8	1083.1	807.2	607.1	407.0	227.7	138.0	96.6	41.4	27.6
0°	1814.4	1469.4	1103.8	827.9	634.7	420.8	234.6	144.9	103.5	41.4	27.6
-2.5°	1876.5	1517.7	1152.1	855.4	662.3	462.2	248.4	151.8	110.4	48.3	27.6
-5°	1917.9	1545.3	1186.6	883.0	683.0	503.6	269.1	165.6	124.2	62.1	34.5
-7.5°	1952.4	1572.9	1214.2	896.8	703.7	517.4	276.0	172.5	131.1	69.0	34.5
-10°	1959.3	1586.7	1234.9	917.5	717.5	538.1	282.9	179.4	138.0	75.9	34.5
-12.5°	1966.2	1600.5	1241.8	931.3	731.3	551.9	289.7	186.3	144.9	82.8	34.5
-15°	1959.3	1593.6	1241.8	945.1	738.2	538.1	303.5	193.2	151.8	89.7	34.5
-17.5°	1945.5	1586.7	1234.9	938.2	731.3	524.3	310.4	207.0	151.8	96.6	41.4
-20°	1924.8	1566.0	1221.1	931.3	724.4	510.5	317.3	213.9	158.7	96.6	41.4

REPORT NUMBER: P723744

CATALOG NUMBER: IFLD-L-SA7E-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°	1890.3	1531.5	1193.5	910.6	710.6	496.7	317.3	227.7	165.6	96.6	41.4
-25°	1848.9	1497.0	1165.9	883.0	689.9	476.0	317.3	234.6	172.5	96.6	41.4
-27.5°	1800.6	1462.5	1124.5	862.3	662.3	462.2	317.3	241.5	179.4	96.6	41.4
-30°	1745.4	1414.3	1090.0	827.9	641.6	462.2	324.2	248.4	186.3	96.6	41.4
-32.5°	1690.2	1366.0	1048.6	800.3	614.0	455.3	324.2	255.3	193.2	89.7	48.3
-35°	1628.1	1310.8	1014.1	779.6	593.3	441.5	331.1	255.3	186.3	89.7	48.3
-37.5°	1552.2	1241.8	979.6	758.9	579.5	427.7	331.1	262.2	179.4	89.7	48.3
-40°	1469.4	1186.6	938.2	731.3	558.8	420.8	331.1	262.2	172.5	89.7	55.2
-42.5°	1379.8	1124.5	896.8	703.7	538.1	413.9	331.1	262.2	165.6	89.7	55.2
-45°	1297.0	1062.4	848.6	669.2	517.4	413.9	331.1	255.3	151.8	96.6	55.2
-47.5°	1207.3	993.4	793.4	634.7	510.5	407.0	324.2	241.5	138.0	96.6	55.2
-50°	1131.4	924.4	752.0	600.2	496.7	413.9	331.1	220.8	138.0	96.6	55.2
-52.5°	1055.5	876.1	703.7	586.4	482.9	420.8	324.2	207.0	138.0	96.6	55.2
-55°	993.4	827.9	676.1	565.7	496.7	434.6	310.4	186.3	138.0	96.6	55.2
-57.5°	945.1	800.3	655.4	572.6	517.4	420.8	289.7	179.4	138.0	89.7	55.2
-60°	910.6	772.7	662.3	600.2	524.3	400.1	276.0	179.4	138.0	89.7	48.3
-62.5°	883.0	779.6	696.8	620.9	496.7	372.5	262.2	179.4	124.2	82.8	48.3
-65°	889.9	807.2	710.6	593.3	476.0	344.9	241.5	172.5	117.3	75.9	48.3
-67.5°	910.6	786.5	669.2	558.8	427.7	310.4	220.8	158.7	110.4	75.9	48.3
-70°	841.7	724.4	607.1	476.0	365.6	269.1	207.0	144.9	96.6	69.0	48.3
-72.5°	758.9	607.1	482.9	386.3	310.4	248.4	186.3	131.1	89.7	62.1	41.4
-75°	551.9	441.5	358.7	324.2	276.0	220.8	165.6	117.3	82.8	62.1	41.4
-77.5°	393.2	365.6	331.1	296.6	248.4	193.2	144.9	110.4	75.9	55.2	34.5
-80°	386.3	351.8	310.4	255.3	207.0	165.6	124.2	96.6	69.0	48.3	27.6
-82.5°	324.2	276.0	234.6	193.2	158.7	131.1	103.5	75.9	55.2	34.5	20.7
-85°	200.1	172.5	151.8	131.1	110.4	89.7	69.0	48.3	34.5	20.7	13.8
-87.5°	96.6	89.7	75.9	62.1	55.2	41.4	34.5	27.6	20.7	13.8	6.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P723744

CATALOG NUMBER: IFLD-L-SA7E-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°	6.9	0.0	0.0	0.0
80°	6.9	0.0	0.0	0.0
77.5°	6.9	0.0	0.0	0.0
75°	6.9	6.9	0.0	0.0
72.5°	6.9	6.9	0.0	0.0
70°	13.8	6.9	6.9	0.0
67.5°	13.8	6.9	6.9	0.0
65°	13.8	6.9	6.9	0.0
62.5°	13.8	6.9	6.9	0.0
60°	13.8	6.9	6.9	0.0
57.5°	13.8	6.9	6.9	0.0
55°	13.8	6.9	6.9	0.0
52.5°	13.8	6.9	6.9	0.0
50°	13.8	6.9	6.9	0.0
47.5°	13.8	13.8	6.9	0.0
45°	13.8	13.8	6.9	0.0
42.5°	13.8	13.8	6.9	0.0
40°	13.8	13.8	6.9	0.0
37.5°	13.8	13.8	6.9	0.0
35°	13.8	13.8	6.9	0.0
32.5°	20.7	13.8	6.9	0.0
30°	20.7	13.8	13.8	0.0
27.5°	20.7	13.8	13.8	0.0
25°	20.7	13.8	13.8	0.0
22.5°	20.7	13.8	13.8	0.0
20°	20.7	13.8	13.8	0.0
17.5°	20.7	13.8	13.8	0.0
15°	20.7	13.8	13.8	0.0
12.5°	20.7	13.8	13.8	0.0
10°	20.7	13.8	13.8	0.0
7.5°	20.7	13.8	13.8	0.0
5°	20.7	13.8	13.8	0.0
2.5°	20.7	13.8	13.8	0.0
0°	20.7	13.8	13.8	0.0
-2.5°	20.7	13.8	13.8	0.0
-5°	20.7	13.8	13.8	0.0
-7.5°	20.7	13.8	13.8	0.0
-10°	20.7	13.8	13.8	0.0
-12.5°	27.6	13.8	13.8	0.0
-15°	27.6	13.8	13.8	0.0
-17.5°	27.6	13.8	13.8	0.0
-20°	27.6	13.8	13.8	0.0

REPORT NUMBER: P723744

CATALOG NUMBER: IFLD-L-SA7E-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	27.6	13.8	13.8	0.0
-25°	27.6	13.8	13.8	0.0
-27.5°	27.6	13.8	13.8	0.0
-30°	27.6	13.8	13.8	0.0
-32.5°	27.6	13.8	13.8	0.0
-35°	27.6	13.8	13.8	0.0
-37.5°	27.6	13.8	13.8	0.0
-40°	27.6	13.8	13.8	0.0
-42.5°	20.7	13.8	6.9	0.0
-45°	27.6	13.8	6.9	0.0
-47.5°	27.6	13.8	6.9	0.0
-50°	27.6	13.8	6.9	0.0
-52.5°	27.6	13.8	6.9	0.0
-55°	27.6	13.8	6.9	0.0
-57.5°	27.6	13.8	6.9	0.0
-60°	27.6	13.8	6.9	0.0
-62.5°	27.6	13.8	6.9	0.0
-65°	27.6	13.8	6.9	0.0
-67.5°	27.6	13.8	6.9	0.0
-70°	27.6	6.9	6.9	0.0
-72.5°	20.7	6.9	6.9	0.0
-75°	20.7	6.9	6.9	0.0
-77.5°	13.8	6.9	0.0	0.0
-80°	13.8	6.9	0.0	0.0
-82.5°	13.8	6.9	0.0	0.0
-85°	6.9	0.0	0.0	0.0
-87.5°	6.9	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)