

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: P723743

Luminaire Tested: **IFLD-L-SA7D-740-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723743
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7D-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:	25823.1 lumens	Max Intensity:	607526.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	61.1 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:	9364.5 lumens	Field Lumens:	14928.9 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

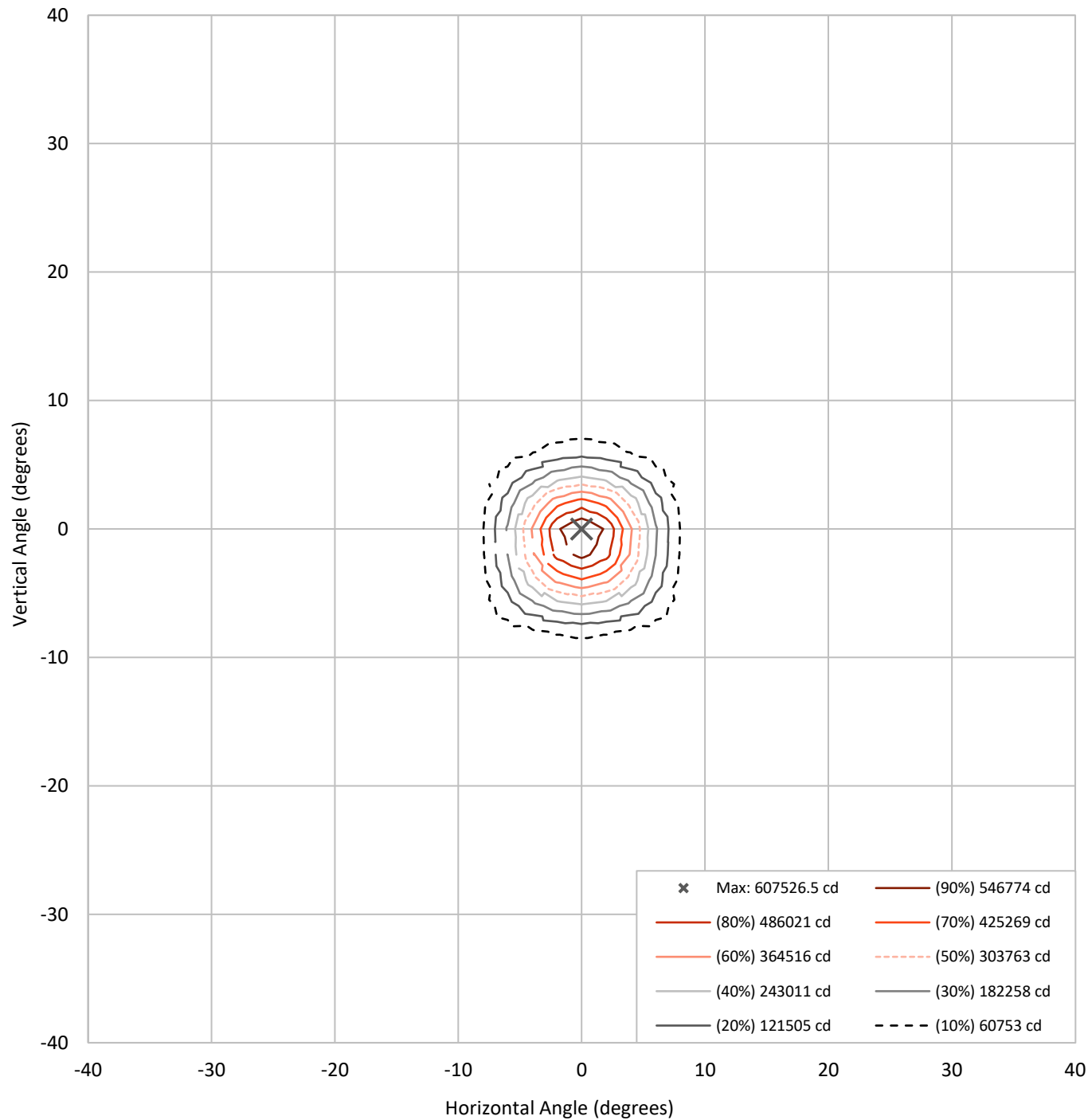
Input Watts (W): 422.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





REPORT NUMBER: P723743
CATALOG NUMBER: IFLD-L-SA7D-740-U-11-VI

Iso-Candela Plot



REPORT NUMBER: P723743

CATALOG NUMBER: IFLD-L-SA7D-740-U-11-VI

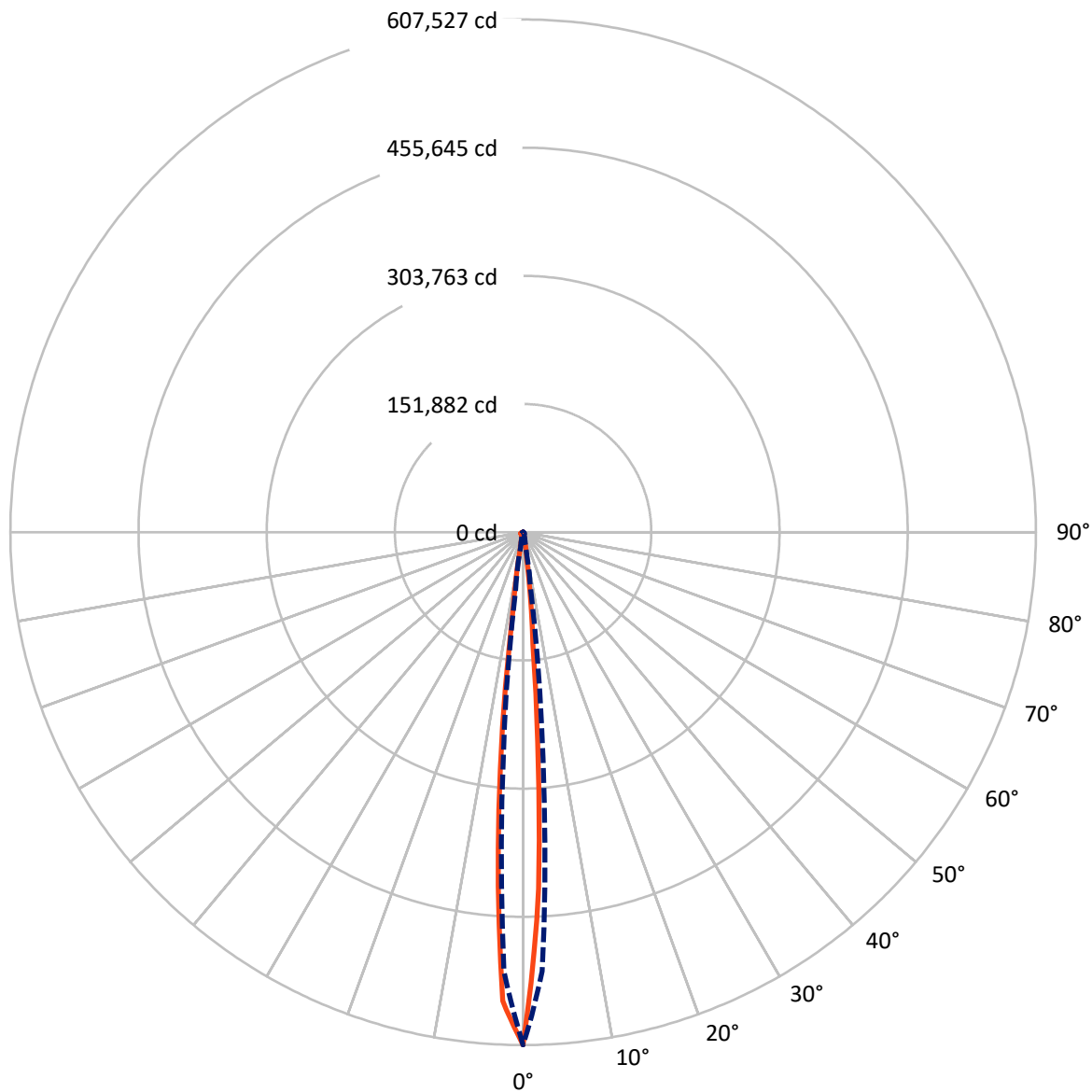
Lumen Table

90																			
80	0.4	5.7		6.2		2.4		0.7		2.4		6.2		5.7		0.4			
70	0.7	1.3	1.7	1.3	1.0	0.8	0.7	0.4	0.4	0.7	0.8	1.0	1.3	1.7	1.3	0.7			
60		0.8	1.2	3.0	6.6	10.9	14.0	16.0	16.0	14.0	10.9	6.6	3.0	1.2	0.8				
50	0.7	0.9	3.5	11.8	23.2	33.9	40.8	45.2	45.2	40.8	33.9	23.2	11.8	3.5	0.9	0.7			
40		1.7	9.0	24.2	39.3	46.1	49.8	51.6	51.6	49.8	46.1	39.3	24.2	9.0	1.7				
30	1.0	3.4	15.3	35.2	45.5	46.9	55.3	66.6	66.6	55.3	46.9	45.5	35.2	15.3	3.4	1.0			
20		5.3	21.5	43.2	48.5	54.7	96.2	163.9	163.9	96.2	54.7	48.5	43.2	21.5	5.3				
10	1.7	6.8	26.3	47.5	50.3	67.6	182.9	3389.9	3389.9	182.9	67.6	50.3	47.5	26.3	6.8	1.7			
0		8.0	28.8	49.8	52.2	69.8	197.1	4942.8	4942.8	197.1	69.8	52.2	49.8	28.8	8.0				
-10	2.5	8.5	29.6	52.5	56.5	63.0	114.6	219.9	219.9	114.6	63.0	56.5	52.5	29.6	8.5	2.5			
-20		8.0	28.1	53.2	63.4	63.5	74.2	90.5	90.5	74.2	63.5	63.4	53.2	28.1	8.0				
-30	2.7	7.1	24.8	50.8	69.7	76.0	79.1	79.7	79.7	79.1	76.0	69.7	50.8	24.8	7.1	2.7			
-40		6.3	20.0	43.1	67.2	81.7	91.6	96.1	96.1	91.6	81.7	67.2	43.1	20.0	6.3				
-50	2.2	5.7	15.4	33.4	57.3	77.0	89.5	94.6	94.6	89.5	77.0	57.3	33.4	15.4	5.7	2.2			
-60		5.3	13.6	27.3	47.8	67.3	81.5	88.0	88.0	81.5	67.3	47.8	27.3	13.6	5.3				
-70	1.0	16.0		47.6		88.1		97.3		88.1		47.6		16.0		1.0			
-80																			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
	Horizontal Angle (degrees)																		

REPORT NUMBER: P723743

CATALOG NUMBER: IFLD-L-SA7D-740-U-11-VI

Luminous Intensity Polar Plot



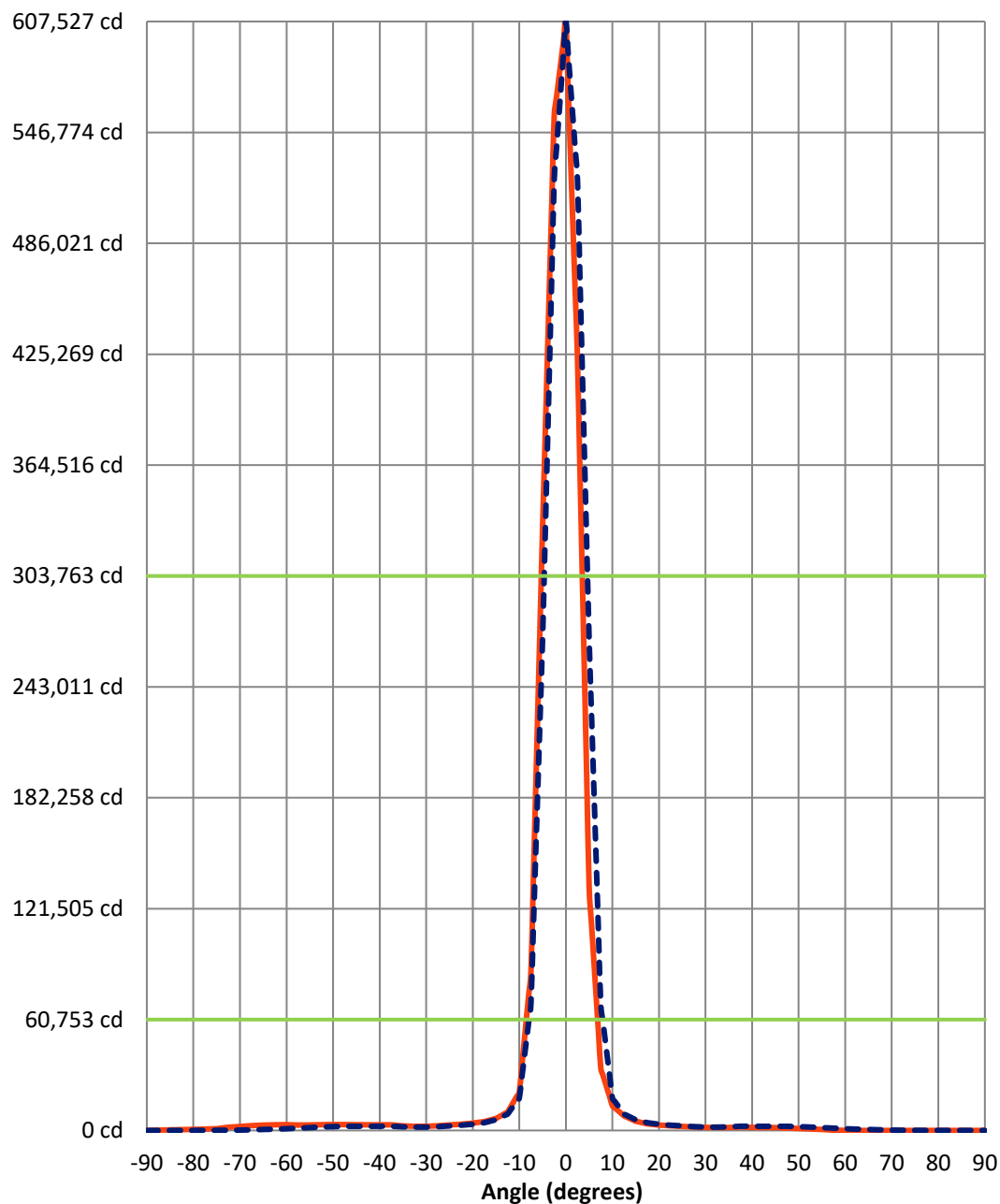
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P723743

CATALOG NUMBER: IFLD-L-SA7D-740-U-11-VI

Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 9364.5

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 14928.9

Efficiency: 57.8%

Spill:

Lumens: 10894.2

Efficiency: 42.2%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg

REPORT NUMBER: P723743

CATALOG NUMBER: IFLD-L-SA7D-740-U-11-VI

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	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
85°	0.0	6.0	6.0	11.9	11.9	11.9	17.9	23.8	29.8	29.8	35.8
82.5°	0.0	6.0	6.0	11.9	11.9	17.9	17.9	29.8	35.8	41.7	53.7
80°	6.0	6.0	6.0	11.9	11.9	17.9	17.9	23.8	29.8	41.7	47.7
77.5°	0.0	6.0	6.0	6.0	11.9	11.9	11.9	17.9	23.8	29.8	35.8
75°	0.0	6.0	6.0	6.0	11.9	11.9	11.9	11.9	17.9	17.9	23.8
72.5°	0.0	0.0	0.0	6.0	6.0	11.9	11.9	11.9	17.9	17.9	17.9
70°	0.0	0.0	0.0	6.0	6.0	11.9	11.9	11.9	17.9	17.9	17.9
67.5°	0.0	0.0	0.0	6.0	6.0	11.9	11.9	11.9	17.9	17.9	17.9
65°	0.0	0.0	0.0	6.0	6.0	11.9	11.9	17.9	17.9	17.9	17.9
62.5°	6.0	6.0	6.0	11.9	17.9	17.9	23.8	29.8	29.8	29.8	29.8
60°	59.6	65.6	71.5	71.5	65.6	65.6	71.5	71.5	71.5	71.5	71.5
57.5°	161.0	172.9	178.8	178.8	178.8	172.9	196.7	202.7	178.8	166.9	184.8
55°	560.3	578.2	566.3	548.4	512.7	470.9	459.0	453.0	459.0	429.2	381.5
52.5°	816.7	834.6	828.6	816.7	792.8	763.0	739.2	715.3	691.5	643.8	590.2
50°	1061.1	1067.0	1061.1	1049.2	1025.3	995.5	947.8	894.2	846.5	834.6	786.9
47.5°	1335.3	1353.2	1353.2	1347.2	1329.3	1275.7	1204.2	1126.7	1090.9	1079.0	1031.3
45°	1579.7	1591.6	1597.6	1603.6	1597.6	1543.9	1478.4	1436.6	1359.1	1335.3	1335.3
42.5°	1645.3	1651.2	1657.2	1663.2	1681.0	1639.3	1585.7	1514.1	1496.3	1490.3	1478.4
40°	1669.1	1657.2	1663.2	1669.1	1675.1	1645.3	1603.6	1561.8	1549.9	1538.0	1538.0
37.5°	1895.7	1842.0	1800.3	1764.5	1734.7	1704.9	1663.2	1627.4	1597.6	1573.7	1597.6
35°	1615.5	1615.5	1657.2	1693.0	1728.7	1764.5	1770.5	1728.7	1663.2	1633.4	1675.1
32.5°	1651.2	1651.2	1651.2	1663.2	1675.1	1704.9	1734.7	1752.6	1800.3	1746.6	1746.6
30°	1687.0	1693.0	1704.9	1710.9	1693.0	1681.0	1669.1	1669.1	1698.9	1776.4	1818.2
27.5°	1895.7	1895.7	1877.8	1853.9	1800.3	1716.8	1675.1	1615.5	1621.4	1657.2	1758.5
25°	2235.4	2223.5	2181.8	2122.2	2026.8	1907.6	1794.3	1669.1	1615.5	1597.6	1639.3
22.5°	2557.3	2539.5	2485.8	2432.2	2354.7	2235.4	2044.7	1853.9	1687.0	1615.5	1597.6
20°	2968.7	2926.9	2867.3	2783.9	2658.7	2539.5	2372.5	2122.2	1877.8	1693.0	1621.4
17.5°	3630.4	3576.7	3463.4	3314.4	3099.8	2915.0	2676.6	2438.1	2163.9	1865.8	1704.9
15°	5078.9	4941.8	4745.1	4333.8	3910.5	3558.8	3201.1	2801.7	2521.6	2128.1	1883.7
12.5°	7988.0	7612.4	7040.1	6080.4	5132.6	4315.9	3737.7	3225.0	2771.9	2408.3	2062.6
10°	13519.9	12715.2	11135.5	8512.5	6765.9	5263.7	4226.5	3540.9	2968.7	2593.1	2211.6
7.5°	34193.3	27892.3	19737.4	13478.2	8852.3	6432.1	4834.5	3839.0	3177.3	2712.3	2330.8
5°	133267.9	109780.9	58562.5	24440.8	13317.2	7779.3	5382.9	4077.4	3314.4	2801.7	2420.2
2.5°	422950.8	365246.7	191627.7	52613.3	16351.5	8762.9	5758.5	4226.5	3391.9	2867.3	2485.8
0°	607526.5	520672.2	268938.1	69197.2	17734.5	9013.3	5877.7	4256.3	3403.8	2879.2	2485.8
-2.5°	555783.5	486419.4	259793.7	64392.5	18122.0	9084.8	5973.1	4357.6	3493.2	2932.9	2503.7
-5°	330242.7	289671.0	181225.5	45912.9	16101.1	8435.1	5722.7	4268.2	3433.6	2903.1	2491.8
-7.5°	87009.2	75325.3	49549.2	23957.9	10420.1	7135.5	5257.8	4119.2	3356.1	2849.4	2444.1
-10°	20977.3	19880.5	17758.3	10885.1	8113.1	5961.2	4661.6	3850.9	3201.1	2777.9	2366.6
-12.5°	10116.1	9877.7	8965.6	7391.8	6020.8	4953.7	4220.5	3570.7	3058.1	2652.7	2259.3
-15°	6581.1	6444.0	6134.0	5532.0	4834.5	4321.8	3809.2	3284.6	2879.2	2467.9	2169.9
-17.5°	4870.3	4864.3	4709.3	4482.8	4137.1	3755.5	3380.0	3046.2	2652.7	2301.0	2074.5
-20°	4035.7	4035.7	3946.3	3797.3	3552.9	3302.5	3052.1	2742.1	2420.2	2157.9	2062.6

REPORT NUMBER: P723743

CATALOG NUMBER: IFLD-L-SA7D-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	3427.7	3433.6	3385.9	3290.6	3159.4	2950.8	2706.4	2456.0	2223.5	2128.1	2098.3
-25°	3034.2	3022.3	2968.7	2879.2	2742.1	2575.2	2414.3	2247.4	2181.8	2157.9	2199.7
-27.5°	2569.3	2587.1	2563.3	2521.6	2432.2	2312.9	2277.2	2229.5	2241.4	2277.2	2438.1
-30°	2295.0	2312.9	2336.8	2354.7	2324.9	2295.0	2307.0	2342.7	2420.2	2557.3	2617.0
-32.5°	2295.0	2301.0	2336.8	2372.5	2390.4	2414.3	2479.8	2599.1	2712.3	2676.6	2664.6
-35°	2503.7	2485.8	2533.5	2581.2	2646.8	2730.2	2801.7	2777.9	2736.2	2724.3	2736.2
-37.5°	3099.8	2986.5	2938.9	2909.0	2891.2	2879.2	2861.4	2843.5	2825.6	2813.7	2831.6
-40°	3093.8	3064.0	3034.2	3010.4	2992.5	2968.7	2956.7	2950.8	2932.9	2921.0	2909.0
-42.5°	3081.9	3093.8	3093.8	3087.9	3093.8	3087.9	3070.0	3046.2	3016.4	2992.5	2968.7
-45°	3171.3	3177.3	3189.2	3201.1	3219.0	3195.2	3159.4	3117.7	3076.0	3040.2	3010.4
-47.5°	3225.0	3231.0	3242.9	3260.8	3272.7	3248.8	3201.1	3147.5	3081.9	3022.3	2962.7
-50°	3242.9	3260.8	3266.7	3266.7	3260.8	3231.0	3159.4	3081.9	3010.4	2950.8	2897.1
-52.5°	3159.4	3177.3	3183.3	3171.3	3165.4	3135.6	3070.0	2998.5	2921.0	2879.2	2831.6
-55°	3022.3	3046.2	3064.0	3064.0	3064.0	3058.1	2998.5	2932.9	2873.3	2825.6	2777.9
-57.5°	2968.7	3010.4	3046.2	3052.1	3058.1	3064.0	3022.3	2956.7	2885.2	2813.7	2754.1
-60°	3165.4	3201.1	3219.0	3195.2	3177.3	3159.4	3093.8	3016.4	2944.8	2873.3	2760.0
-62.5°	3111.7	3171.3	3201.1	3183.3	3159.4	3129.6	3058.1	2968.7	2885.2	2807.7	2694.4
-65°	2938.9	2992.5	3028.3	2998.5	2962.7	2921.0	2855.4	2771.9	2694.4	2617.0	2515.6
-67.5°	2646.8	2724.3	2783.9	2718.3	2670.6	2617.0	2563.3	2491.8	2414.3	2324.9	2229.5
-70°	2187.7	2247.4	2301.0	2283.1	2271.2	2259.3	2223.5	2152.0	2086.4	2014.9	1931.4
-72.5°	1758.5	1812.2	1859.9	1830.1	1806.2	1770.5	1716.8	1639.3	1561.8	1484.3	1406.8
-75°	971.7	989.6	1007.4	1001.5	1001.5	1001.5	1001.5	1007.4	995.5	977.6	941.9
-77.5°	745.1	769.0	786.9	798.8	816.7	840.5	858.4	828.6	798.8	769.0	733.2
-80°	584.2	608.0	625.9	691.5	739.2	792.8	828.6	786.9	745.1	709.4	679.6
-82.5°	441.1	459.0	476.9	512.7	536.5	566.3	590.2	590.2	584.2	578.2	560.3
-85°	321.9	345.7	369.6	381.5	399.4	399.4	405.4	381.5	357.7	339.8	315.9
-87.5°	184.8	190.8	190.8	190.8	196.7	196.7	196.7	184.8	178.8	166.9	161.0
-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: P723743

CATALOG NUMBER: IFLD-L-SA7D-740-U-11-VI

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°	6.0	6.0	6.0	11.9	11.9	17.9	17.9	23.8	23.8	29.8	29.8
85°	35.8	35.8	35.8	41.7	41.7	47.7	53.7	59.6	65.6	65.6	71.5
82.5°	59.6	65.6	71.5	77.5	83.5	89.4	95.4	101.3	119.2	131.1	137.1
80°	59.6	65.6	83.5	95.4	107.3	119.2	119.2	119.2	119.2	125.2	137.1
77.5°	41.7	47.7	53.7	65.6	95.4	119.2	137.1	149.0	137.1	131.1	119.2
75°	23.8	29.8	35.8	41.7	59.6	83.5	113.3	143.1	166.9	161.0	149.0
72.5°	23.8	23.8	29.8	35.8	41.7	47.7	53.7	83.5	119.2	149.0	166.9
70°	23.8	29.8	29.8	35.8	41.7	47.7	53.7	65.6	83.5	119.2	155.0
67.5°	23.8	29.8	29.8	41.7	53.7	59.6	65.6	59.6	53.7	77.5	113.3
65°	23.8	23.8	29.8	35.8	41.7	47.7	65.6	65.6	59.6	59.6	59.6
62.5°	35.8	35.8	35.8	35.8	41.7	41.7	41.7	53.7	53.7	53.7	53.7
60°	71.5	65.6	65.6	65.6	65.6	53.7	53.7	53.7	47.7	53.7	47.7
57.5°	172.9	143.1	131.1	131.1	113.3	107.3	89.4	65.6	65.6	53.7	53.7
55°	351.7	333.8	280.2	232.5	208.6	184.8	143.1	119.2	89.4	71.5	65.6
52.5°	542.5	494.8	447.1	387.5	327.9	280.2	238.4	184.8	149.0	107.3	83.5
50°	709.4	667.7	614.0	548.4	470.9	411.3	351.7	280.2	220.6	166.9	119.2
47.5°	965.7	882.3	816.7	739.2	649.8	566.3	488.8	405.4	310.0	244.4	184.8
45°	1239.9	1120.7	1031.3	959.7	840.5	727.3	637.8	548.4	435.2	321.9	250.4
42.5°	1430.7	1341.3	1222.0	1126.7	1019.4	900.1	780.9	685.5	566.3	435.2	321.9
40°	1532.0	1472.4	1377.0	1293.6	1180.3	1049.2	924.0	828.6	703.4	560.3	405.4
37.5°	1609.5	1579.7	1532.0	1466.4	1359.1	1204.2	1079.0	965.7	858.4	691.5	524.6
35°	1698.9	1693.0	1663.2	1633.4	1543.9	1394.9	1245.9	1114.7	983.6	828.6	643.8
32.5°	1782.4	1776.4	1758.5	1746.6	1710.9	1579.7	1418.8	1269.7	1120.7	959.7	757.1
30°	1824.1	1812.2	1812.2	1824.1	1788.4	1704.9	1585.7	1424.7	1257.8	1067.0	876.3
27.5°	1824.1	1812.2	1818.2	1836.0	1830.1	1788.4	1698.9	1567.8	1383.0	1168.4	983.6
25°	1746.6	1806.2	1806.2	1830.1	1836.0	1824.1	1776.4	1693.0	1502.2	1275.7	1067.0
22.5°	1639.3	1782.4	1836.0	1830.1	1836.0	1865.8	1871.8	1794.3	1615.5	1383.0	1150.5
20°	1639.3	1740.7	1895.7	1853.9	1865.8	1931.4	1961.2	1895.7	1734.7	1484.3	1234.0
17.5°	1675.1	1740.7	1871.8	1937.4	1955.3	2008.9	2056.6	2014.9	1842.0	1591.6	1347.2
15°	1776.4	1764.5	1853.9	2014.9	2044.7	2086.4	2140.1	2092.4	1937.4	1710.9	1454.5
12.5°	1848.0	1782.4	1853.9	2026.8	2122.2	2163.9	2181.8	2146.0	2020.8	1818.2	1561.8
10°	1943.3	1830.1	1865.8	2014.9	2152.0	2181.8	2199.7	2187.7	2098.3	1907.6	1657.2
7.5°	2014.9	1853.9	1853.9	1997.0	2181.8	2205.6	2217.6	2229.5	2163.9	1985.1	1740.7
5°	2044.7	1853.9	1842.0	1979.1	2211.6	2235.4	2235.4	2253.3	2211.6	2044.7	1800.3
2.5°	2050.6	1848.0	1830.1	1967.2	2265.2	2265.2	2253.3	2271.2	2247.4	2080.4	1842.0
0°	2080.4	1842.0	1824.1	1985.1	2324.9	2301.0	2271.2	2277.2	2265.2	2098.3	1865.8
-2.5°	2080.4	1871.8	1848.0	1997.0	2318.9	2312.9	2301.0	2307.0	2295.0	2152.0	1913.5
-5°	2110.3	1913.5	1889.7	2050.6	2312.9	2330.8	2336.8	2336.8	2318.9	2187.7	1943.3
-7.5°	2116.2	1943.3	1937.4	2104.3	2324.9	2354.7	2372.5	2384.5	2348.7	2211.6	1967.2
-10°	2086.4	1955.3	1985.1	2169.9	2336.8	2378.5	2414.3	2432.2	2372.5	2223.5	1979.1
-12.5°	2020.8	1955.3	2032.8	2253.3	2366.6	2414.3	2467.9	2473.9	2396.4	2229.5	1985.1
-15°	2014.9	2003.0	2116.2	2336.8	2384.5	2444.1	2527.5	2509.7	2414.3	2229.5	1985.1
-17.5°	2008.9	2068.5	2241.4	2366.6	2414.3	2479.8	2545.4	2527.5	2426.2	2229.5	1973.1
-20°	2062.6	2175.8	2390.4	2396.4	2450.0	2521.6	2557.3	2521.6	2408.3	2211.6	1955.3

REPORT NUMBER: P723743

CATALOG NUMBER: IFLD-L-SA7D-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°	2152.0	2366.6	2438.1	2462.0	2509.7	2563.3	2581.2	2527.5	2390.4	2181.8	1925.5
-25°	2378.5	2485.8	2485.8	2539.5	2587.1	2611.0	2593.1	2533.5	2366.6	2152.0	1895.7
-27.5°	2551.4	2545.4	2575.2	2628.9	2670.6	2670.6	2622.9	2503.7	2330.8	2122.2	1853.9
-30°	2617.0	2622.9	2664.6	2724.3	2736.2	2706.4	2634.8	2479.8	2301.0	2074.5	1800.3
-32.5°	2682.5	2706.4	2760.0	2789.8	2795.8	2736.2	2605.0	2438.1	2253.3	2020.8	1740.7
-35°	2760.0	2807.7	2837.5	2843.5	2813.7	2712.3	2563.3	2384.5	2181.8	1943.3	1687.0
-37.5°	2861.4	2885.2	2903.1	2879.2	2795.8	2676.6	2491.8	2312.9	2116.2	1859.9	1609.5
-40°	2926.9	2938.9	2944.8	2867.3	2766.0	2593.1	2414.3	2229.5	2003.0	1764.5	1526.1
-42.5°	2968.7	2956.7	2909.0	2825.6	2676.6	2509.7	2336.8	2128.1	1901.6	1669.1	1436.6
-45°	2956.7	2915.0	2843.5	2742.1	2587.1	2420.2	2217.6	2008.9	1794.3	1567.8	1335.3
-47.5°	2909.0	2843.5	2754.1	2634.8	2491.8	2289.1	2086.4	1883.7	1675.1	1454.5	1239.9
-50°	2849.4	2771.9	2664.6	2515.6	2324.9	2140.1	1955.3	1758.5	1543.9	1341.3	1150.5
-52.5°	2783.9	2700.4	2563.3	2396.4	2187.7	1997.0	1818.2	1627.4	1430.7	1239.9	1073.0
-55°	2712.3	2628.9	2473.9	2283.1	2074.5	1865.8	1693.0	1532.0	1341.3	1156.5	1007.4
-57.5°	2676.6	2569.3	2408.3	2217.6	1997.0	1782.4	1633.4	1460.5	1287.6	1096.9	953.8
-60°	2646.8	2539.5	2390.4	2169.9	1961.2	1758.5	1585.7	1418.8	1234.0	1055.1	912.1
-62.5°	2563.3	2450.0	2312.9	2098.3	1895.7	1710.9	1555.9	1359.1	1180.3	1013.4	882.3
-65°	2396.4	2277.2	2157.9	1967.2	1782.4	1609.5	1454.5	1275.7	1108.8	965.7	852.4
-67.5°	2134.1	2032.8	1925.5	1764.5	1609.5	1454.5	1311.5	1156.5	1019.4	918.0	858.4
-70°	1842.0	1734.7	1627.4	1496.3	1365.1	1239.9	1126.7	1013.4	924.0	870.3	822.6
-72.5°	1341.3	1293.6	1239.9	1138.6	1031.3	953.8	900.1	852.4	786.9	739.2	709.4
-75°	894.2	828.6	745.1	709.4	715.3	703.4	673.6	637.8	608.0	590.2	548.4
-77.5°	697.5	661.7	620.0	578.2	560.3	542.5	518.6	488.8	465.0	423.2	363.6
-80°	643.8	614.0	584.2	554.4	524.6	482.9	435.2	387.5	363.6	345.7	339.8
-82.5°	530.5	494.8	459.0	429.2	387.5	357.7	327.9	304.0	304.0	298.1	292.1
-85°	304.0	292.1	274.2	262.3	250.4	232.5	214.6	202.7	196.7	190.8	184.8
-87.5°	155.0	149.0	137.1	131.1	125.2	119.2	107.3	101.3	95.4	95.4	89.4
-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: P723743

CATALOG NUMBER: IFLD-L-SA7D-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°	29.8	29.8	23.8	23.8	23.8	17.9	11.9	11.9	6.0	6.0	0.0
85°	71.5	59.6	53.7	47.7	47.7	35.8	23.8	17.9	11.9	6.0	6.0
82.5°	137.1	119.2	101.3	89.4	71.5	53.7	41.7	29.8	17.9	11.9	6.0
80°	155.0	155.0	149.0	125.2	101.3	77.5	53.7	35.8	23.8	17.9	11.9
77.5°	119.2	131.1	131.1	131.1	125.2	95.4	65.6	41.7	23.8	17.9	11.9
75°	137.1	119.2	113.3	119.2	113.3	95.4	77.5	47.7	29.8	23.8	11.9
72.5°	166.9	143.1	125.2	119.2	107.3	89.4	71.5	53.7	29.8	23.8	17.9
70°	155.0	149.0	137.1	125.2	107.3	89.4	71.5	53.7	35.8	23.8	17.9
67.5°	137.1	137.1	137.1	125.2	107.3	83.5	65.6	47.7	35.8	23.8	17.9
65°	95.4	113.3	125.2	119.2	107.3	83.5	65.6	47.7	35.8	29.8	17.9
62.5°	59.6	77.5	101.3	113.3	101.3	83.5	59.6	47.7	35.8	29.8	17.9
60°	53.7	59.6	71.5	89.4	95.4	77.5	59.6	41.7	35.8	29.8	17.9
57.5°	53.7	53.7	59.6	71.5	77.5	71.5	53.7	35.8	35.8	29.8	23.8
55°	59.6	53.7	53.7	59.6	65.6	65.6	53.7	35.8	35.8	29.8	23.8
52.5°	71.5	59.6	53.7	53.7	53.7	59.6	47.7	35.8	35.8	29.8	23.8
50°	89.4	71.5	65.6	53.7	53.7	53.7	47.7	35.8	29.8	29.8	23.8
47.5°	119.2	95.4	71.5	65.6	53.7	47.7	41.7	35.8	29.8	29.8	23.8
45°	178.8	113.3	95.4	71.5	59.6	53.7	47.7	35.8	29.8	29.8	23.8
42.5°	244.4	166.9	119.2	83.5	65.6	53.7	47.7	41.7	29.8	29.8	23.8
40°	310.0	226.5	149.0	107.3	77.5	59.6	47.7	41.7	35.8	29.8	23.8
37.5°	381.5	280.2	196.7	137.1	89.4	65.6	53.7	41.7	35.8	29.8	23.8
35°	470.9	351.7	244.4	166.9	107.3	77.5	59.6	41.7	35.8	29.8	23.8
32.5°	572.3	417.3	292.1	202.7	137.1	95.4	65.6	47.7	35.8	29.8	23.8
30°	667.7	494.8	345.7	244.4	166.9	107.3	71.5	47.7	35.8	29.8	17.9
27.5°	763.0	572.3	411.3	286.1	202.7	125.2	77.5	53.7	35.8	29.8	23.8
25°	858.4	649.8	476.9	327.9	232.5	149.0	95.4	59.6	35.8	29.8	23.8
22.5°	941.9	727.3	536.5	375.6	268.3	172.9	107.3	65.6	41.7	29.8	23.8
20°	1037.2	810.7	602.1	429.2	298.1	196.7	119.2	71.5	41.7	29.8	23.8
17.5°	1126.7	894.2	667.7	476.9	333.8	220.6	137.1	77.5	47.7	29.8	23.8
15°	1216.1	971.7	727.3	524.6	369.6	244.4	149.0	83.5	53.7	29.8	23.8
12.5°	1299.5	1043.2	780.9	566.3	399.4	268.3	161.0	89.4	59.6	29.8	23.8
10°	1377.0	1108.8	834.6	602.1	429.2	286.1	172.9	101.3	65.6	29.8	23.8
7.5°	1454.5	1162.4	876.3	637.8	465.0	310.0	184.8	107.3	71.5	35.8	23.8
5°	1502.2	1210.1	912.1	667.7	494.8	333.8	196.7	113.3	77.5	35.8	23.8
2.5°	1543.9	1245.9	935.9	697.5	524.6	351.7	196.7	119.2	83.5	35.8	23.8
0°	1567.8	1269.7	953.8	715.3	548.4	363.6	202.7	125.2	89.4	35.8	23.8
-2.5°	1621.4	1311.5	995.5	739.2	572.3	399.4	214.6	131.1	95.4	41.7	23.8
-5°	1657.2	1335.3	1025.3	763.0	590.2	435.2	232.5	143.1	107.3	53.7	29.8
-7.5°	1687.0	1359.1	1049.2	775.0	608.0	447.1	238.4	149.0	113.3	59.6	29.8
-10°	1693.0	1371.1	1067.0	792.8	620.0	465.0	244.4	155.0	119.2	65.6	29.8
-12.5°	1698.9	1383.0	1073.0	804.8	631.9	476.9	250.4	161.0	125.2	71.5	29.8
-15°	1693.0	1377.0	1073.0	816.7	637.8	465.0	262.3	166.9	131.1	77.5	29.8
-17.5°	1681.0	1371.1	1067.0	810.7	631.9	453.0	268.3	178.8	131.1	83.5	35.8
-20°	1663.2	1353.2	1055.1	804.8	625.9	441.1	274.2	184.8	137.1	83.5	35.8

REPORT NUMBER: P723743

CATALOG NUMBER: IFLD-L-SA7D-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°	1633.4	1323.4	1031.3	786.9	614.0	429.2	274.2	196.7	143.1	83.5	35.8
-25°	1597.6	1293.6	1007.4	763.0	596.1	411.3	274.2	202.7	149.0	83.5	35.8
-27.5°	1555.9	1263.8	971.7	745.1	572.3	399.4	274.2	208.6	155.0	83.5	35.8
-30°	1508.2	1222.0	941.9	715.3	554.4	399.4	280.2	214.6	161.0	83.5	35.8
-32.5°	1460.5	1180.3	906.1	691.5	530.5	393.4	280.2	220.6	166.9	77.5	41.7
-35°	1406.8	1132.6	876.3	673.6	512.7	381.5	286.1	220.6	161.0	77.5	41.7
-37.5°	1341.3	1073.0	846.5	655.7	500.7	369.6	286.1	226.5	155.0	77.5	41.7
-40°	1269.7	1025.3	810.7	631.9	482.9	363.6	286.1	226.5	149.0	77.5	47.7
-42.5°	1192.2	971.7	775.0	608.0	465.0	357.7	286.1	226.5	143.1	77.5	47.7
-45°	1120.7	918.0	733.2	578.2	447.1	357.7	286.1	220.6	131.1	83.5	47.7
-47.5°	1043.2	858.4	685.5	548.4	441.1	351.7	280.2	208.6	119.2	83.5	47.7
-50°	977.6	798.8	649.8	518.6	429.2	357.7	286.1	190.8	119.2	83.5	47.7
-52.5°	912.1	757.1	608.0	506.7	417.3	363.6	280.2	178.8	119.2	83.5	47.7
-55°	858.4	715.3	584.2	488.8	429.2	375.6	268.3	161.0	119.2	83.5	47.7
-57.5°	816.7	691.5	566.3	494.8	447.1	363.6	250.4	155.0	119.2	77.5	47.7
-60°	786.9	667.7	572.3	518.6	453.0	345.7	238.4	155.0	119.2	77.5	41.7
-62.5°	763.0	673.6	602.1	536.5	429.2	321.9	226.5	155.0	107.3	71.5	41.7
-65°	769.0	697.5	614.0	512.7	411.3	298.1	208.6	149.0	101.3	65.6	41.7
-67.5°	786.9	679.6	578.2	482.9	369.6	268.3	190.8	137.1	95.4	65.6	41.7
-70°	727.3	625.9	524.6	411.3	315.9	232.5	178.8	125.2	83.5	59.6	41.7
-72.5°	655.7	524.6	417.3	333.8	268.3	214.6	161.0	113.3	77.5	53.7	35.8
-75°	476.9	381.5	310.0	280.2	238.4	190.8	143.1	101.3	71.5	53.7	35.8
-77.5°	339.8	315.9	286.1	256.3	214.6	166.9	125.2	95.4	65.6	47.7	29.8
-80°	333.8	304.0	268.3	220.6	178.8	143.1	107.3	83.5	59.6	41.7	23.8
-82.5°	280.2	238.4	202.7	166.9	137.1	113.3	89.4	65.6	47.7	29.8	17.9
-85°	172.9	149.0	131.1	113.3	95.4	77.5	59.6	41.7	29.8	17.9	11.9
-87.5°	83.5	77.5	65.6	53.7	47.7	35.8	29.8	23.8	17.9	11.9	6.0
-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: P723743

CATALOG NUMBER: IFLD-L-SA7D-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°	6.0	0.0	0.0	0.0
80°	6.0	0.0	0.0	0.0
77.5°	6.0	0.0	0.0	0.0
75°	6.0	6.0	0.0	0.0
72.5°	6.0	6.0	0.0	0.0
70°	11.9	6.0	6.0	0.0
67.5°	11.9	6.0	6.0	0.0
65°	11.9	6.0	6.0	0.0
62.5°	11.9	6.0	6.0	0.0
60°	11.9	6.0	6.0	0.0
57.5°	11.9	6.0	6.0	0.0
55°	11.9	6.0	6.0	0.0
52.5°	11.9	6.0	6.0	0.0
50°	11.9	6.0	6.0	0.0
47.5°	11.9	11.9	6.0	0.0
45°	11.9	11.9	6.0	0.0
42.5°	11.9	11.9	6.0	0.0
40°	11.9	11.9	6.0	0.0
37.5°	11.9	11.9	6.0	0.0
35°	11.9	11.9	6.0	0.0
32.5°	17.9	11.9	6.0	0.0
30°	17.9	11.9	11.9	0.0
27.5°	17.9	11.9	11.9	0.0
25°	17.9	11.9	11.9	0.0
22.5°	17.9	11.9	11.9	0.0
20°	17.9	11.9	11.9	0.0
17.5°	17.9	11.9	11.9	0.0
15°	17.9	11.9	11.9	0.0
12.5°	17.9	11.9	11.9	0.0
10°	17.9	11.9	11.9	0.0
7.5°	17.9	11.9	11.9	0.0
5°	17.9	11.9	11.9	0.0
2.5°	17.9	11.9	11.9	0.0
0°	17.9	11.9	11.9	0.0
-2.5°	17.9	11.9	11.9	0.0
-5°	17.9	11.9	11.9	0.0
-7.5°	17.9	11.9	11.9	0.0
-10°	17.9	11.9	11.9	0.0
-12.5°	23.8	11.9	11.9	0.0
-15°	23.8	11.9	11.9	0.0
-17.5°	23.8	11.9	11.9	0.0
-20°	23.8	11.9	11.9	0.0

REPORT NUMBER: P723743

CATALOG NUMBER: IFLD-L-SA7D-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	23.8	11.9	11.9	0.0
-25°	23.8	11.9	11.9	0.0
-27.5°	23.8	11.9	11.9	0.0
-30°	23.8	11.9	11.9	0.0
-32.5°	23.8	11.9	11.9	0.0
-35°	23.8	11.9	11.9	0.0
-37.5°	23.8	11.9	11.9	0.0
-40°	23.8	11.9	11.9	0.0
-42.5°	17.9	11.9	6.0	0.0
-45°	23.8	11.9	6.0	0.0
-47.5°	23.8	11.9	6.0	0.0
-50°	23.8	11.9	6.0	0.0
-52.5°	23.8	11.9	6.0	0.0
-55°	23.8	11.9	6.0	0.0
-57.5°	23.8	11.9	6.0	0.0
-60°	23.8	11.9	6.0	0.0
-62.5°	23.8	11.9	6.0	0.0
-65°	23.8	11.9	6.0	0.0
-67.5°	23.8	11.9	6.0	0.0
-70°	23.8	6.0	6.0	0.0
-72.5°	17.9	6.0	6.0	0.0
-75°	17.9	6.0	6.0	0.0
-77.5°	11.9	6.0	0.0	0.0
-80°	11.9	6.0	0.0	0.0
-82.5°	11.9	6.0	0.0	0.0
-85°	6.0	0.0	0.0	0.0
-87.5°	6.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)