

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: P723712

Luminaire Tested: **IFLD-L-SA7B-735-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723712
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7B-735-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (112) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	18594.4 lumens	Max Intensity:	437459.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	66.2 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:	6743.1 lumens	Field Lumens:	10749.8 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

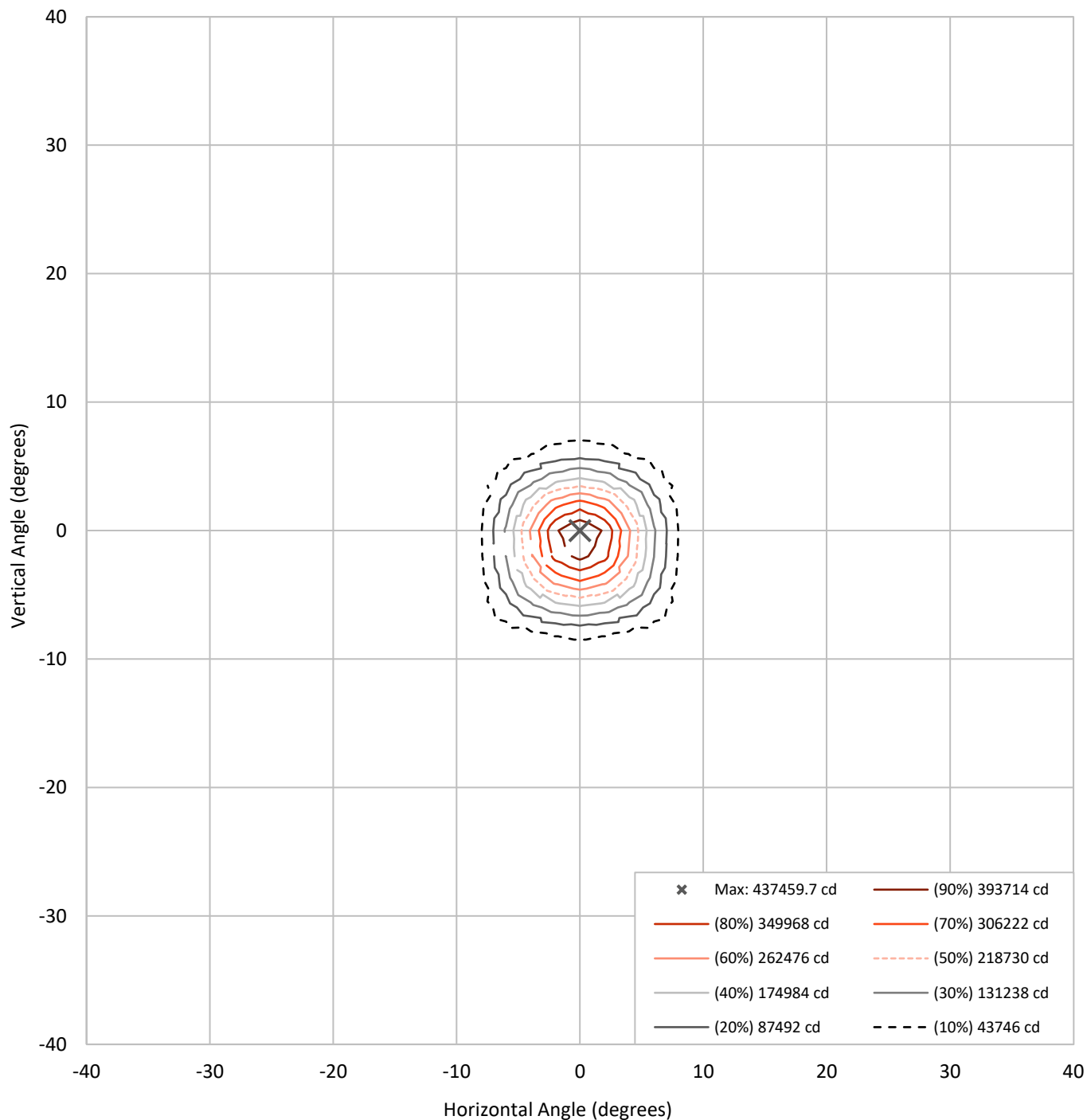
Input Watts (W): 281
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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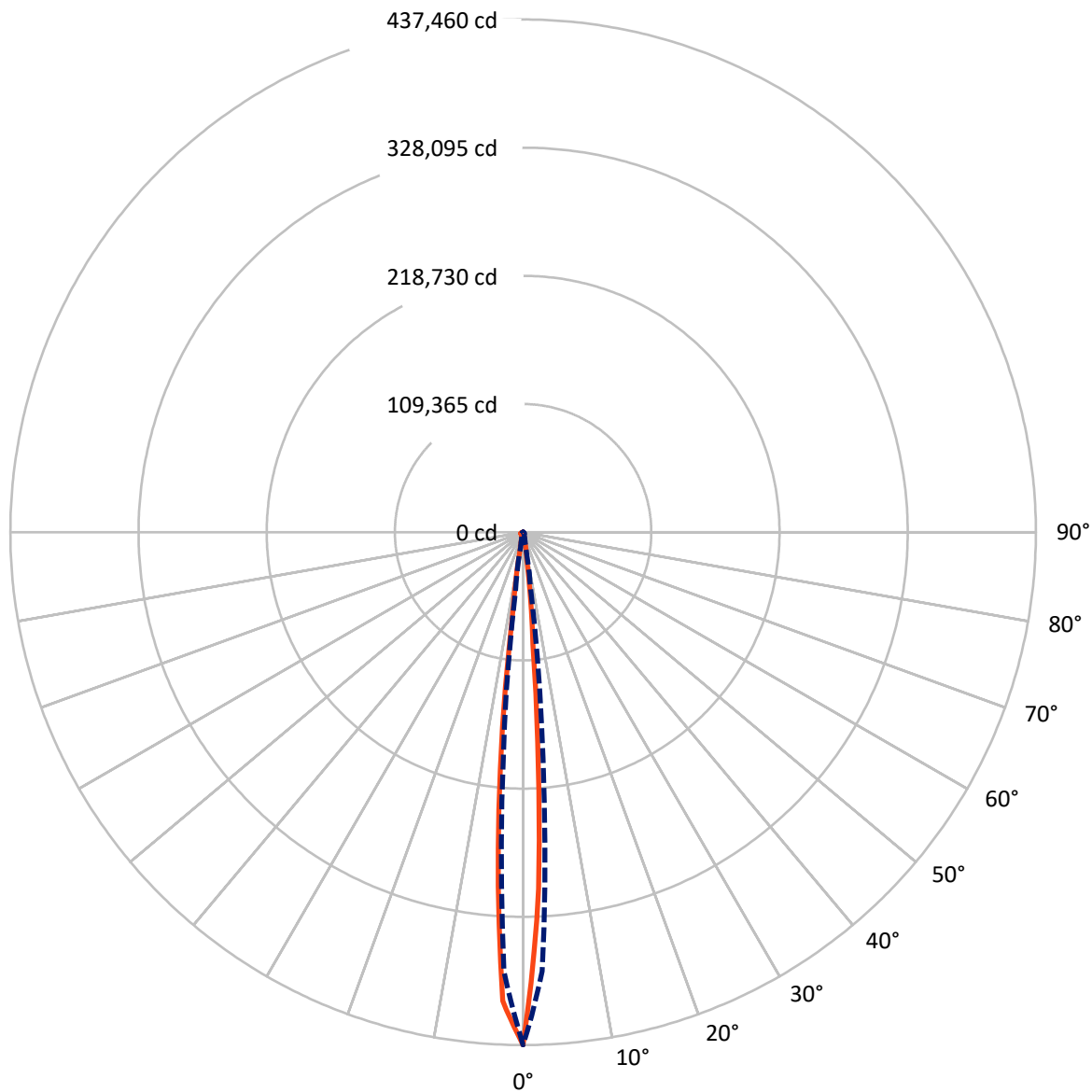
Lumen Table

Vertical Angle (degrees)		Horizontal Angle (degrees)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
90		-90		-80		-70		-60		-50		-40		-30		-20		-10		0		10		20		30		40		50		60		70		80		90																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
80	0.3			4.1				4.5				1.7				0.5				1.7				4.5				4.1				0.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
70	0.5	0.9	1.2	0.9	0.7	0.6	0.5	0.3	0.3	0.5	0.6	0.7	0.9	1.2	0.9	0.5	0.6	0.7	0.9	1.2	0.9	0.5	0.6	0.7	0.9	1.2	0.9	0.5	0.6	0.7	0.9	1.2	0.9	0.5	0.6	0.7	0.9	1.2	0.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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50	0.5	0.6	2.5	8.5	16.7	24.4	29.4	32.5	32.5	29.4	24.4	16.7	8.5	2.5	0.6	0.5	0.6	0.7	0.9	1.2	0.9	0.5	0.6	0.7	0.9	1.2	0.9	0.5	0.6	0.7	0.9	1.2	0.9	0.5	0.6	0.7	0.9	1.2	0.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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30	0.7	2.4	11.0	25.3	32.8	33.7	39.8	47.9	47.9	39.8	33.7	32.8	25.3	11.0	2.4	0.7	2.4	11.0	25.3	32.8	33.7	39.8	47.9	47.9	39.8	33.7	32.8	25.3	11.0	2.4	0.7	2.4	11.0	25.3	32.8	33.7	39.8	47.9	47.9	39.8	33.7	32.8	25.3	11.0	2.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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10	1.2	4.9	19.0	34.2	36.2	48.6	131.7	2441.0	2441.0	131.7	48.6	36.2	34.2	19.0	4.9	1.2	4.9	19.0	34.2	36.2	48.6	131.7	2441.0	2441.0	131.7	48.6	36.2	34.2	19.0	4.9	1.2	4.9	19.0	34.2	36.2	48.6	131.7	2441.0	2441.0	131.7	48.6	36.2	34.2	19.0	4.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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-10	1.8	6.1	21.3	37.8	40.7	45.4	82.5	158.3	158.3	82.5	45.4	40.7	37.8	21.3	6.1	1.8	6.1	21.3	37.8	40.7	45.4	82.5	158.3	158.3	82.5	45.4	40.7	37.8	21.3	6.1	1.8	6.1	21.3	37.8	40.7	45.4	82.5	158.3	158.3	82.5	45.4	40.7	37.8	21.3	6.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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-30	2.0	5.1	17.9	36.6	50.2	54.7	56.9	57.4	57.4	56.9	54.7	50.2	36.6	17.9	5.1	2.0	5.1	17.9	36.6	50.2	54.7	56.9	57.4	57.4	56.9	54.7	50.2	36.6	17.9	5.1	2.0	5.1	17.9	36.6	50.2	54.7	56.9	57.4	57.4	56.9	54.7	50.2	36.6	17.9	5.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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-50	1.6	4.1	11.1	24.1	41.3	55.4	64.4	68.1	68.1	64.4	55.4	41.3	24.1	11.1	4.1	1.6	4.1	11.1	24.1	41.3	55.4	64.4	68.1	68.1	64.4	55.4	41.3	24.1	11.1	4.1	1.6	4.1	11.1	24.1	41.3	55.4	64.4	68.1	68.1	64.4	55.4	41.3	24.1	11.1	4.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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-70	0.7	11.5	34.3	63.5	70.0	63.5	34.3	11.5	0.7	11.5	34.3	63.5	70.0	63.5	34.3	11.5	0.7	11.5	34.3	63.5	70.0	63.5	34.3	11.5	0.7	11.5	34.3	63.5	70.0	63.5	34.3	11.5	0.7	11.5	34.3	63.5	70.0	63.5	34.3	11.5	0.7	11.5	34.3	63.5	70.0	63.5	34.3	11.5	0.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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Luminous Intensity Polar Plot

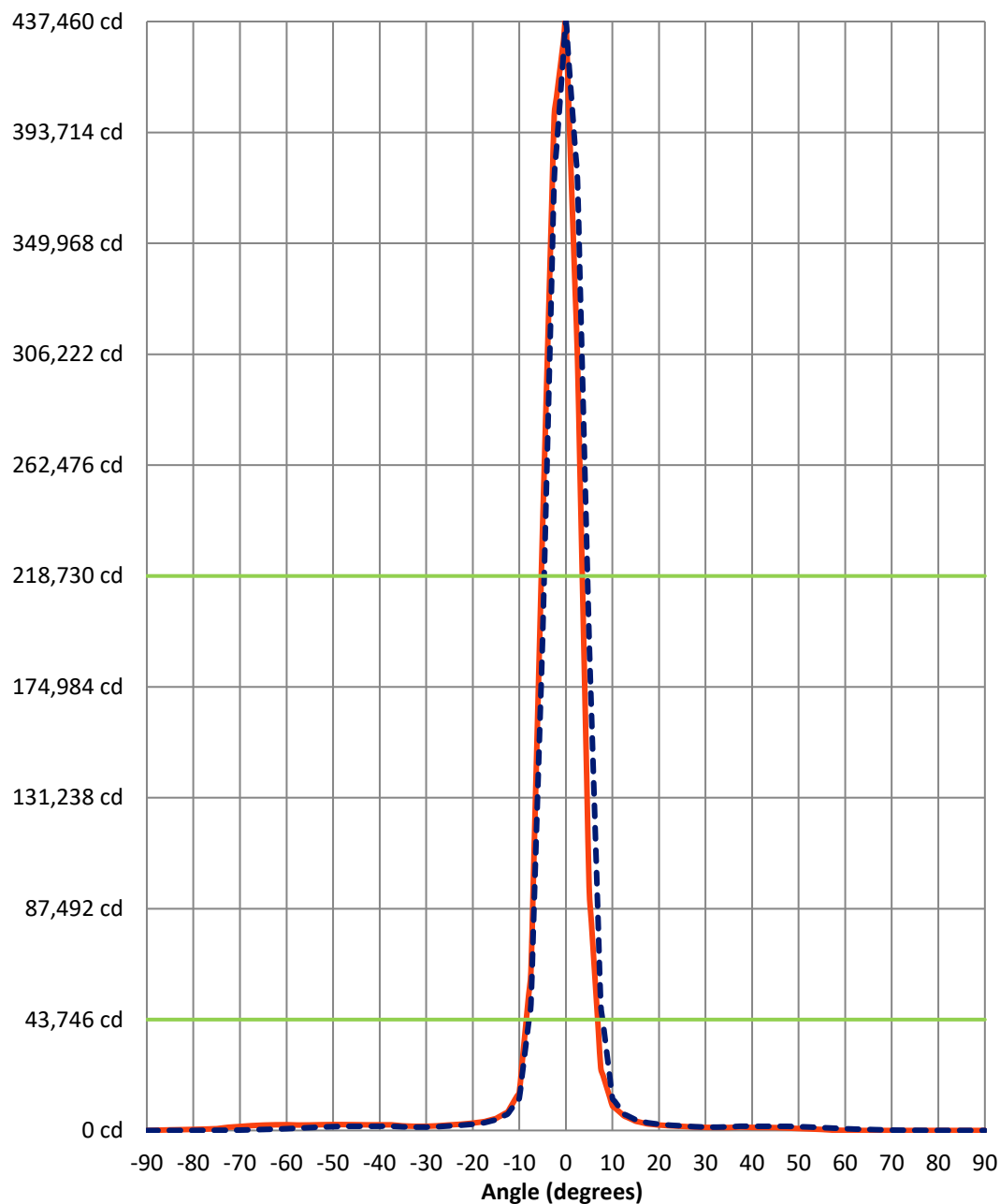


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 6743.1

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 10749.8

Efficiency: 57.8%

Spill:

Lumens: 7844.6

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	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
85°	0.0	4.3	4.3	8.6	8.6	8.6	12.9	17.2	21.5	21.5	25.8
82.5°	0.0	4.3	4.3	8.6	8.6	12.9	12.9	21.5	25.8	30.0	38.6
80°	4.3	4.3	4.3	8.6	8.6	12.9	12.9	17.2	21.5	30.0	34.3
77.5°	0.0	4.3	4.3	4.3	8.6	8.6	8.6	12.9	17.2	21.5	25.8
75°	0.0	4.3	4.3	4.3	8.6	8.6	8.6	8.6	12.9	12.9	17.2
72.5°	0.0	0.0	0.0	4.3	4.3	8.6	8.6	8.6	12.9	12.9	12.9
70°	0.0	0.0	0.0	4.3	4.3	8.6	8.6	8.6	12.9	12.9	12.9
67.5°	0.0	0.0	0.0	4.3	4.3	8.6	8.6	8.6	12.9	12.9	12.9
65°	0.0	0.0	0.0	4.3	4.3	8.6	8.6	12.9	12.9	12.9	12.9
62.5°	4.3	4.3	4.3	8.6	12.9	12.9	17.2	21.5	21.5	21.5	21.5
60°	42.9	47.2	51.5	51.5	47.2	47.2	51.5	51.5	51.5	51.5	51.5
57.5°	115.9	124.5	128.8	128.8	128.8	124.5	141.7	145.9	128.8	120.2	133.1
55°	403.5	416.4	407.8	394.9	369.1	339.1	330.5	326.2	330.5	309.1	274.7
52.5°	588.1	600.9	596.6	588.1	570.9	549.4	532.3	515.1	497.9	463.6	425.0
50°	764.1	768.3	764.1	755.5	738.3	716.8	682.5	643.9	609.5	600.9	566.6
47.5°	961.5	974.4	974.4	970.1	957.2	918.6	867.1	811.3	785.5	776.9	742.6
45°	1137.5	1146.1	1150.4	1154.7	1150.4	1111.7	1064.5	1034.5	978.7	961.5	961.5
42.5°	1184.7	1189.0	1193.3	1197.6	1210.5	1180.4	1141.8	1090.3	1077.4	1073.1	1064.5
40°	1201.9	1193.3	1197.6	1201.9	1206.2	1184.7	1154.7	1124.6	1116.0	1107.4	1107.4
37.5°	1365.0	1326.4	1296.3	1270.6	1249.1	1227.6	1197.6	1171.8	1150.4	1133.2	1150.4
35°	1163.3	1163.3	1193.3	1219.1	1244.8	1270.6	1274.9	1244.8	1197.6	1176.1	1206.2
32.5°	1189.0	1189.0	1189.0	1197.6	1206.2	1227.6	1249.1	1262.0	1296.3	1257.7	1257.7
30°	1214.8	1219.1	1227.6	1231.9	1219.1	1210.5	1201.9	1201.9	1223.3	1279.1	1309.2
27.5°	1365.0	1365.0	1352.1	1334.9	1296.3	1236.2	1206.2	1163.3	1167.5	1193.3	1266.3
25°	1609.7	1601.1	1571.0	1528.1	1459.4	1373.6	1292.0	1201.9	1163.3	1150.4	1180.4
22.5°	1841.5	1828.6	1789.9	1751.3	1695.5	1609.7	1472.3	1334.9	1214.8	1163.3	1150.4
20°	2137.6	2107.6	2064.7	2004.6	1914.4	1828.6	1708.4	1528.1	1352.1	1219.1	1167.5
17.5°	2614.1	2575.5	2493.9	2386.6	2232.1	2099.0	1927.3	1755.6	1558.2	1343.5	1227.6
15°	3657.2	3558.4	3416.8	3120.6	2815.8	2562.6	2305.0	2017.4	1815.7	1532.4	1356.4
12.5°	5751.9	5481.4	5069.4	4378.3	3695.8	3107.7	2691.4	2322.2	1996.0	1734.1	1485.2
10°	9735.3	9155.8	8018.3	6129.6	4871.9	3790.2	3043.3	2549.7	2137.6	1867.2	1592.5
7.5°	24621.4	20084.3	14212.3	9705.2	6374.3	4631.5	3481.2	2764.3	2287.9	1953.1	1678.3
5°	95961.8	79049.6	42168.9	17599.0	9589.3	5601.6	3876.1	2936.0	2386.6	2017.4	1742.7
2.5°	304552.9	263002.1	137984.8	37885.1	11774.2	6309.9	4146.5	3043.3	2442.4	2064.7	1789.9
0°	437459.7	374918.8	193653.4	49826.6	12770.0	6490.2	4232.3	3064.8	2451.0	2073.2	1789.9
-2.5°	400201.3	350254.5	187068.8	46366.9	13049.0	6541.7	4301.0	3137.8	2515.4	2111.9	1802.8
-5°	237796.9	208582.5	130494.5	33060.4	11593.9	6073.8	4120.7	3073.4	2472.4	2090.4	1794.2
-7.5°	62652.4	54239.3	35678.8	17251.3	7503.2	5138.1	3785.9	2966.1	2416.6	2051.8	1759.9
-10°	15105.1	14315.3	12787.2	7838.0	5842.0	4292.4	3356.7	2772.9	2305.0	2000.3	1704.1
-12.5°	7284.3	7112.6	6455.8	5322.6	4335.4	3567.0	3039.0	2571.2	2202.0	1910.1	1626.8
-15°	4738.9	4640.1	4416.9	3983.4	3481.2	3112.0	2742.9	2365.1	2073.2	1777.1	1562.4
-17.5°	3506.9	3502.6	3391.0	3227.9	2979.0	2704.2	2433.8	2193.4	1910.1	1656.9	1493.8
-20°	2906.0	2906.0	2841.6	2734.3	2558.3	2378.0	2197.7	1974.5	1742.7	1553.9	1485.2

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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°	2468.2	2472.4	2438.1	2369.4	2275.0	2124.8	1948.8	1768.5	1601.1	1532.4	1510.9
-25°	2184.9	2176.3	2137.6	2073.2	1974.5	1854.3	1738.4	1618.2	1571.0	1553.9	1583.9
-27.5°	1850.0	1862.9	1845.7	1815.7	1751.3	1665.5	1639.7	1605.4	1614.0	1639.7	1755.6
-30°	1652.6	1665.5	1682.6	1695.5	1674.1	1652.6	1661.2	1686.9	1742.7	1841.5	1884.4
-32.5°	1652.6	1656.9	1682.6	1708.4	1721.3	1738.4	1785.7	1871.5	1953.1	1927.3	1918.7
-35°	1802.8	1789.9	1824.3	1858.6	1905.8	1965.9	2017.4	2000.3	1970.2	1961.6	1970.2
-37.5°	2232.1	2150.5	2116.2	2094.7	2081.8	2073.2	2060.4	2047.5	2034.6	2026.0	2038.9
-40°	2227.8	2206.3	2184.9	2167.7	2154.8	2137.6	2129.1	2124.8	2111.9	2103.3	2094.7
-42.5°	2219.2	2227.8	2227.8	2223.5	2227.8	2223.5	2210.6	2193.4	2172.0	2154.8	2137.6
-45°	2283.6	2287.9	2296.5	2305.0	2317.9	2300.7	2275.0	2244.9	2214.9	2189.1	2167.7
-47.5°	2322.2	2326.5	2335.1	2348.0	2356.5	2339.4	2305.0	2266.4	2219.2	2176.3	2133.3
-50°	2335.1	2348.0	2352.3	2352.3	2348.0	2326.5	2275.0	2219.2	2167.7	2124.8	2086.1
-52.5°	2275.0	2287.9	2292.2	2283.6	2279.3	2257.8	2210.6	2159.1	2103.3	2073.2	2038.9
-55°	2176.3	2193.4	2206.3	2206.3	2206.3	2202.0	2159.1	2111.9	2069.0	2034.6	2000.3
-57.5°	2137.6	2167.7	2193.4	2197.7	2202.0	2206.3	2176.3	2129.1	2077.5	2026.0	1983.1
-60°	2279.3	2305.0	2317.9	2300.7	2287.9	2275.0	2227.8	2172.0	2120.5	2069.0	1987.4
-62.5°	2240.7	2283.6	2305.0	2292.2	2275.0	2253.5	2202.0	2137.6	2077.5	2021.7	1940.2
-65°	2116.2	2154.8	2180.6	2159.1	2133.3	2103.3	2056.1	1996.0	1940.2	1884.4	1811.4
-67.5°	1905.8	1961.6	2004.6	1957.4	1923.0	1884.4	1845.7	1794.2	1738.4	1674.1	1605.4
-70°	1575.3	1618.2	1656.9	1644.0	1635.4	1626.8	1601.1	1549.6	1502.4	1450.8	1390.8
-72.5°	1266.3	1304.9	1339.2	1317.8	1300.6	1274.9	1236.2	1180.4	1124.6	1068.8	1013.0
-75°	699.7	712.5	725.4	721.1	721.1	721.1	721.1	725.4	716.8	704.0	678.2
-77.5°	536.6	553.7	566.6	575.2	588.1	605.2	618.1	596.6	575.2	553.7	528.0
-80°	420.7	437.8	450.7	497.9	532.3	570.9	596.6	566.6	536.6	510.8	489.3
-82.5°	317.6	330.5	343.4	369.1	386.3	407.8	425.0	425.0	420.7	416.4	403.5
-85°	231.8	249.0	266.1	274.7	287.6	287.6	291.9	274.7	257.5	244.7	227.5
-87.5°	133.1	137.4	137.4	137.4	141.7	141.7	141.7	133.1	128.8	120.2	115.9
-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: P723712

CATALOG NUMBER: IFLD-L-SA7B-735-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°	4.3	4.3	4.3	8.6	8.6	12.9	12.9	17.2	17.2	21.5	21.5
85°	25.8	25.8	25.8	30.0	30.0	34.3	38.6	42.9	47.2	47.2	51.5
82.5°	42.9	47.2	51.5	55.8	60.1	64.4	68.7	73.0	85.8	94.4	98.7
80°	42.9	47.2	60.1	68.7	77.3	85.8	85.8	85.8	85.8	90.1	98.7
77.5°	30.0	34.3	38.6	47.2	68.7	85.8	98.7	107.3	98.7	94.4	85.8
75°	17.2	21.5	25.8	30.0	42.9	60.1	81.6	103.0	120.2	115.9	107.3
72.5°	17.2	17.2	21.5	25.8	30.0	34.3	38.6	60.1	85.8	107.3	120.2
70°	17.2	21.5	21.5	25.8	30.0	34.3	38.6	47.2	60.1	85.8	111.6
67.5°	17.2	21.5	21.5	30.0	38.6	42.9	47.2	42.9	38.6	55.8	81.6
65°	17.2	17.2	21.5	25.8	30.0	34.3	47.2	47.2	42.9	42.9	42.9
62.5°	25.8	25.8	25.8	25.8	30.0	30.0	30.0	38.6	38.6	38.6	38.6
60°	51.5	47.2	47.2	47.2	47.2	38.6	38.6	38.6	34.3	38.6	34.3
57.5°	124.5	103.0	94.4	94.4	81.6	77.3	64.4	47.2	47.2	38.6	38.6
55°	253.3	240.4	201.7	167.4	150.2	133.1	103.0	85.8	64.4	51.5	47.2
52.5°	390.6	356.3	321.9	279.0	236.1	201.7	171.7	133.1	107.3	77.3	60.1
50°	510.8	480.8	442.1	394.9	339.1	296.2	253.3	201.7	158.8	120.2	85.8
47.5°	695.4	635.3	588.1	532.3	467.9	407.8	352.0	291.9	223.2	176.0	133.1
45°	892.8	807.0	742.6	691.1	605.2	523.7	459.3	394.9	313.3	231.8	180.3
42.5°	1030.2	965.8	880.0	811.3	734.0	648.2	562.3	493.6	407.8	313.3	231.8
40°	1103.2	1060.2	991.6	931.5	849.9	755.5	665.3	596.6	506.5	403.5	291.9
37.5°	1159.0	1137.5	1103.2	1055.9	978.7	867.1	776.9	695.4	618.1	497.9	377.7
35°	1223.3	1219.1	1197.6	1176.1	1111.7	1004.4	897.1	802.7	708.3	596.6	463.6
32.5°	1283.4	1279.1	1266.3	1257.7	1231.9	1137.5	1021.6	914.3	807.0	691.1	545.1
30°	1313.5	1304.9	1304.9	1313.5	1287.7	1227.6	1141.8	1025.9	905.7	768.3	631.0
27.5°	1313.5	1304.9	1309.2	1322.1	1317.8	1287.7	1223.3	1128.9	995.8	841.3	708.3
25°	1257.7	1300.6	1300.6	1317.8	1322.1	1313.5	1279.1	1219.1	1081.7	918.6	768.3
22.5°	1180.4	1283.4	1322.1	1317.8	1322.1	1343.5	1347.8	1292.0	1163.3	995.8	828.4
20°	1180.4	1253.4	1365.0	1334.9	1343.5	1390.8	1412.2	1365.0	1249.1	1068.8	888.5
17.5°	1206.2	1253.4	1347.8	1395.0	1407.9	1446.6	1480.9	1450.8	1326.4	1146.1	970.1
15°	1279.1	1270.6	1334.9	1450.8	1472.3	1502.4	1541.0	1506.6	1395.0	1231.9	1047.4
12.5°	1330.7	1283.4	1334.9	1459.4	1528.1	1558.2	1571.0	1545.3	1455.1	1309.2	1124.6
10°	1399.3	1317.8	1343.5	1450.8	1549.6	1571.0	1583.9	1575.3	1510.9	1373.6	1193.3
7.5°	1450.8	1334.9	1334.9	1438.0	1571.0	1588.2	1596.8	1605.4	1558.2	1429.4	1253.4
5°	1472.3	1334.9	1326.4	1425.1	1592.5	1609.7	1609.7	1622.5	1592.5	1472.3	1296.3
2.5°	1476.6	1330.7	1317.8	1416.5	1631.1	1631.1	1622.5	1635.4	1618.2	1498.1	1326.4
0°	1498.1	1326.4	1313.5	1429.4	1674.1	1656.9	1635.4	1639.7	1631.1	1510.9	1343.5
-2.5°	1498.1	1347.8	1330.7	1438.0	1669.8	1665.5	1656.9	1661.2	1652.6	1549.6	1377.9
-5°	1519.5	1377.9	1360.7	1476.6	1665.5	1678.3	1682.6	1682.6	1669.8	1575.3	1399.3
-7.5°	1523.8	1399.3	1395.0	1515.2	1674.1	1695.5	1708.4	1717.0	1691.2	1592.5	1416.5
-10°	1502.4	1407.9	1429.4	1562.4	1682.6	1712.7	1738.4	1751.3	1708.4	1601.1	1425.1
-12.5°	1455.1	1407.9	1463.7	1622.5	1704.1	1738.4	1777.1	1781.4	1725.6	1605.4	1429.4
-15°	1450.8	1442.3	1523.8	1682.6	1717.0	1759.9	1820.0	1807.1	1738.4	1605.4	1429.4
-17.5°	1446.6	1489.5	1614.0	1704.1	1738.4	1785.7	1832.9	1820.0	1747.0	1605.4	1420.8
-20°	1485.2	1566.7	1721.3	1725.6	1764.2	1815.7	1841.5	1815.7	1734.1	1592.5	1407.9

REPORT NUMBER: P723712

CATALOG NUMBER: IFLD-L-SA7B-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°	1549.6	1704.1	1755.6	1772.8	1807.1	1845.7	1858.6	1820.0	1721.3	1571.0	1386.5
-25°	1712.7	1789.9	1789.9	1828.6	1862.9	1880.1	1867.2	1824.3	1704.1	1549.6	1365.0
-27.5°	1837.2	1832.9	1854.3	1893.0	1923.0	1923.0	1888.7	1802.8	1678.3	1528.1	1334.9
-30°	1884.4	1888.7	1918.7	1961.6	1970.2	1948.8	1897.3	1785.7	1656.9	1493.8	1296.3
-32.5°	1931.6	1948.8	1987.4	2008.9	2013.2	1970.2	1875.8	1755.6	1622.5	1455.1	1253.4
-35°	1987.4	2021.7	2043.2	2047.5	2026.0	1953.1	1845.7	1717.0	1571.0	1399.3	1214.8
-37.5°	2060.4	2077.5	2090.4	2073.2	2013.2	1927.3	1794.2	1665.5	1523.8	1339.2	1159.0
-40°	2107.6	2116.2	2120.5	2064.7	1991.7	1867.2	1738.4	1605.4	1442.3	1270.6	1098.9
-42.5°	2137.6	2129.1	2094.7	2034.6	1927.3	1807.1	1682.6	1532.4	1369.3	1201.9	1034.5
-45°	2129.1	2099.0	2047.5	1974.5	1862.9	1742.7	1596.8	1446.6	1292.0	1128.9	961.5
-47.5°	2094.7	2047.5	1983.1	1897.3	1794.2	1648.3	1502.4	1356.4	1206.2	1047.4	892.8
-50°	2051.8	1996.0	1918.7	1811.4	1674.1	1541.0	1407.9	1266.3	1111.7	965.8	828.4
-52.5°	2004.6	1944.5	1845.7	1725.6	1575.3	1438.0	1309.2	1171.8	1030.2	892.8	772.6
-55°	1953.1	1893.0	1781.4	1644.0	1493.8	1343.5	1219.1	1103.2	965.8	832.7	725.4
-57.5°	1927.3	1850.0	1734.1	1596.8	1438.0	1283.4	1176.1	1051.6	927.2	789.8	686.8
-60°	1905.8	1828.6	1721.3	1562.4	1412.2	1266.3	1141.8	1021.6	888.5	759.8	656.7
-62.5°	1845.7	1764.2	1665.5	1510.9	1365.0	1231.9	1120.3	978.7	849.9	729.7	635.3
-65°	1725.6	1639.7	1553.9	1416.5	1283.4	1159.0	1047.4	918.6	798.4	695.4	613.8
-67.5°	1536.7	1463.7	1386.5	1270.6	1159.0	1047.4	944.3	832.7	734.0	661.0	618.1
-70°	1326.4	1249.1	1171.8	1077.4	983.0	892.8	811.3	729.7	665.3	626.7	592.4
-72.5°	965.8	931.5	892.8	819.9	742.6	686.8	648.2	613.8	566.6	532.3	510.8
-75°	643.9	596.6	536.6	510.8	515.1	506.5	485.0	459.3	437.8	425.0	394.9
-77.5°	502.2	476.5	446.4	416.4	403.5	390.6	373.4	352.0	334.8	304.8	261.8
-80°	463.6	442.1	420.7	399.2	377.7	347.7	313.3	279.0	261.8	249.0	244.7
-82.5°	382.0	356.3	330.5	309.1	279.0	257.5	236.1	218.9	218.9	214.6	210.3
-85°	218.9	210.3	197.5	188.9	180.3	167.4	154.5	145.9	141.7	137.4	133.1
-87.5°	111.6	107.3	98.7	94.4	90.1	85.8	77.3	73.0	68.7	68.7	64.4
-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: P723712

CATALOG NUMBER: IFLD-L-SA7B-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°	21.5	21.5	17.2	17.2	17.2	12.9	8.6	8.6	4.3	4.3	0.0
85°	51.5	42.9	38.6	34.3	34.3	25.8	17.2	12.9	8.6	4.3	4.3
82.5°	98.7	85.8	73.0	64.4	51.5	38.6	30.0	21.5	12.9	8.6	4.3
80°	111.6	111.6	107.3	90.1	73.0	55.8	38.6	25.8	17.2	12.9	8.6
77.5°	85.8	94.4	94.4	94.4	90.1	68.7	47.2	30.0	17.2	12.9	8.6
75°	98.7	85.8	81.6	85.8	81.6	68.7	55.8	34.3	21.5	17.2	8.6
72.5°	120.2	103.0	90.1	85.8	77.3	64.4	51.5	38.6	21.5	17.2	12.9
70°	111.6	107.3	98.7	90.1	77.3	64.4	51.5	38.6	25.8	17.2	12.9
67.5°	98.7	98.7	98.7	90.1	77.3	60.1	47.2	34.3	25.8	17.2	12.9
65°	68.7	81.6	90.1	85.8	77.3	60.1	47.2	34.3	25.8	21.5	12.9
62.5°	42.9	55.8	73.0	81.6	73.0	60.1	42.9	34.3	25.8	21.5	12.9
60°	38.6	42.9	51.5	64.4	68.7	55.8	42.9	30.0	25.8	21.5	12.9
57.5°	38.6	38.6	42.9	51.5	55.8	51.5	38.6	25.8	25.8	21.5	17.2
55°	42.9	38.6	38.6	42.9	47.2	47.2	38.6	25.8	25.8	21.5	17.2
52.5°	51.5	42.9	38.6	38.6	38.6	42.9	34.3	25.8	25.8	21.5	17.2
50°	64.4	51.5	47.2	38.6	38.6	38.6	34.3	25.8	21.5	21.5	17.2
47.5°	85.8	68.7	51.5	47.2	38.6	34.3	30.0	25.8	21.5	21.5	17.2
45°	128.8	81.6	68.7	51.5	42.9	38.6	34.3	25.8	21.5	21.5	17.2
42.5°	176.0	120.2	85.8	60.1	47.2	38.6	34.3	30.0	21.5	21.5	17.2
40°	223.2	163.1	107.3	77.3	55.8	42.9	34.3	30.0	25.8	21.5	17.2
37.5°	274.7	201.7	141.7	98.7	64.4	47.2	38.6	30.0	25.8	21.5	17.2
35°	339.1	253.3	176.0	120.2	77.3	55.8	42.9	30.0	25.8	21.5	17.2
32.5°	412.1	300.5	210.3	145.9	98.7	68.7	47.2	34.3	25.8	21.5	17.2
30°	480.8	356.3	249.0	176.0	120.2	77.3	51.5	34.3	25.8	21.5	12.9
27.5°	549.4	412.1	296.2	206.0	145.9	90.1	55.8	38.6	25.8	21.5	17.2
25°	618.1	467.9	343.4	236.1	167.4	107.3	68.7	42.9	25.8	21.5	17.2
22.5°	678.2	523.7	386.3	270.4	193.2	124.5	77.3	47.2	30.0	21.5	17.2
20°	746.9	583.8	433.5	309.1	214.6	141.7	85.8	51.5	30.0	21.5	17.2
17.5°	811.3	643.9	480.8	343.4	240.4	158.8	98.7	55.8	34.3	21.5	17.2
15°	875.7	699.7	523.7	377.7	266.1	176.0	107.3	60.1	38.6	21.5	17.2
12.5°	935.8	751.2	562.3	407.8	287.6	193.2	115.9	64.4	42.9	21.5	17.2
10°	991.6	798.4	600.9	433.5	309.1	206.0	124.5	73.0	47.2	21.5	17.2
7.5°	1047.4	837.0	631.0	459.3	334.8	223.2	133.1	77.3	51.5	25.8	17.2
5°	1081.7	871.4	656.7	480.8	356.3	240.4	141.7	81.6	55.8	25.8	17.2
2.5°	1111.7	897.1	673.9	502.2	377.7	253.3	141.7	85.8	60.1	25.8	17.2
0°	1128.9	914.3	686.8	515.1	394.9	261.8	145.9	90.1	64.4	25.8	17.2
-2.5°	1167.5	944.3	716.8	532.3	412.1	287.6	154.5	94.4	68.7	30.0	17.2
-5°	1193.3	961.5	738.3	549.4	425.0	313.3	167.4	103.0	77.3	38.6	21.5
-7.5°	1214.8	978.7	755.5	558.0	437.8	321.9	171.7	107.3	81.6	42.9	21.5
-10°	1219.1	987.3	768.3	570.9	446.4	334.8	176.0	111.6	85.8	47.2	21.5
-12.5°	1223.3	995.8	772.6	579.5	455.0	343.4	180.3	115.9	90.1	51.5	21.5
-15°	1219.1	991.6	772.6	588.1	459.3	334.8	188.9	120.2	94.4	55.8	21.5
-17.5°	1210.5	987.3	768.3	583.8	455.0	326.2	193.2	128.8	94.4	60.1	25.8
-20°	1197.6	974.4	759.8	579.5	450.7	317.6	197.5	133.1	98.7	60.1	25.8

REPORT NUMBER: P723712

CATALOG NUMBER: IFLD-L-SA7B-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°	1176.1	952.9	742.6	566.6	442.1	309.1	197.5	141.7	103.0	60.1	25.8
-25°	1150.4	931.5	725.4	549.4	429.2	296.2	197.5	145.9	107.3	60.1	25.8
-27.5°	1120.3	910.0	699.7	536.6	412.1	287.6	197.5	150.2	111.6	60.1	25.8
-30°	1086.0	880.0	678.2	515.1	399.2	287.6	201.7	154.5	115.9	60.1	25.8
-32.5°	1051.6	849.9	652.5	497.9	382.0	283.3	201.7	158.8	120.2	55.8	30.0
-35°	1013.0	815.6	631.0	485.0	369.1	274.7	206.0	158.8	115.9	55.8	30.0
-37.5°	965.8	772.6	609.5	472.2	360.6	266.1	206.0	163.1	111.6	55.8	30.0
-40°	914.3	738.3	583.8	455.0	347.7	261.8	206.0	163.1	107.3	55.8	34.3
-42.5°	858.5	699.7	558.0	437.8	334.8	257.5	206.0	163.1	103.0	55.8	34.3
-45°	807.0	661.0	528.0	416.4	321.9	257.5	206.0	158.8	94.4	60.1	34.3
-47.5°	751.2	618.1	493.6	394.9	317.6	253.3	201.7	150.2	85.8	60.1	34.3
-50°	704.0	575.2	467.9	373.4	309.1	257.5	206.0	137.4	85.8	60.1	34.3
-52.5°	656.7	545.1	437.8	364.9	300.5	261.8	201.7	128.8	85.8	60.1	34.3
-55°	618.1	515.1	420.7	352.0	309.1	270.4	193.2	115.9	85.8	60.1	34.3
-57.5°	588.1	497.9	407.8	356.3	321.9	261.8	180.3	111.6	85.8	55.8	34.3
-60°	566.6	480.8	412.1	373.4	326.2	249.0	171.7	111.6	85.8	55.8	30.0
-62.5°	549.4	485.0	433.5	386.3	309.1	231.8	163.1	111.6	77.3	51.5	30.0
-65°	553.7	502.2	442.1	369.1	296.2	214.6	150.2	107.3	73.0	47.2	30.0
-67.5°	566.6	489.3	416.4	347.7	266.1	193.2	137.4	98.7	68.7	47.2	30.0
-70°	523.7	450.7	377.7	296.2	227.5	167.4	128.8	90.1	60.1	42.9	30.0
-72.5°	472.2	377.7	300.5	240.4	193.2	154.5	115.9	81.6	55.8	38.6	25.8
-75°	343.4	274.7	223.2	201.7	171.7	137.4	103.0	73.0	51.5	38.6	25.8
-77.5°	244.7	227.5	206.0	184.6	154.5	120.2	90.1	68.7	47.2	34.3	21.5
-80°	240.4	218.9	193.2	158.8	128.8	103.0	77.3	60.1	42.9	30.0	17.2
-82.5°	201.7	171.7	145.9	120.2	98.7	81.6	64.4	47.2	34.3	21.5	12.9
-85°	124.5	107.3	94.4	81.6	68.7	55.8	42.9	30.0	21.5	12.9	8.6
-87.5°	60.1	55.8	47.2	38.6	34.3	25.8	21.5	17.2	12.9	8.6	4.3
-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):

	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°	4.3	0.0	0.0	0.0
80°	4.3	0.0	0.0	0.0
77.5°	4.3	0.0	0.0	0.0
75°	4.3	4.3	0.0	0.0
72.5°	4.3	4.3	0.0	0.0
70°	8.6	4.3	4.3	0.0
67.5°	8.6	4.3	4.3	0.0
65°	8.6	4.3	4.3	0.0
62.5°	8.6	4.3	4.3	0.0
60°	8.6	4.3	4.3	0.0
57.5°	8.6	4.3	4.3	0.0
55°	8.6	4.3	4.3	0.0
52.5°	8.6	4.3	4.3	0.0
50°	8.6	4.3	4.3	0.0
47.5°	8.6	8.6	4.3	0.0
45°	8.6	8.6	4.3	0.0
42.5°	8.6	8.6	4.3	0.0
40°	8.6	8.6	4.3	0.0
37.5°	8.6	8.6	4.3	0.0
35°	8.6	8.6	4.3	0.0
32.5°	12.9	8.6	4.3	0.0
30°	12.9	8.6	8.6	0.0
27.5°	12.9	8.6	8.6	0.0
25°	12.9	8.6	8.6	0.0
22.5°	12.9	8.6	8.6	0.0
20°	12.9	8.6	8.6	0.0
17.5°	12.9	8.6	8.6	0.0
15°	12.9	8.6	8.6	0.0
12.5°	12.9	8.6	8.6	0.0
10°	12.9	8.6	8.6	0.0
7.5°	12.9	8.6	8.6	0.0
5°	12.9	8.6	8.6	0.0
2.5°	12.9	8.6	8.6	0.0
0°	12.9	8.6	8.6	0.0
-2.5°	12.9	8.6	8.6	0.0
-5°	12.9	8.6	8.6	0.0
-7.5°	12.9	8.6	8.6	0.0
-10°	12.9	8.6	8.6	0.0
-12.5°	17.2	8.6	8.6	0.0
-15°	17.2	8.6	8.6	0.0
-17.5°	17.2	8.6	8.6	0.0
-20°	17.2	8.6	8.6	0.0

REPORT NUMBER: P723712

CATALOG NUMBER: IFLD-L-SA7B-735-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	17.2	8.6	8.6	0.0
-25°	17.2	8.6	8.6	0.0
-27.5°	17.2	8.6	8.6	0.0
-30°	17.2	8.6	8.6	0.0
-32.5°	17.2	8.6	8.6	0.0
-35°	17.2	8.6	8.6	0.0
-37.5°	17.2	8.6	8.6	0.0
-40°	17.2	8.6	8.6	0.0
-42.5°	12.9	8.6	4.3	0.0
-45°	17.2	8.6	4.3	0.0
-47.5°	17.2	8.6	4.3	0.0
-50°	17.2	8.6	4.3	0.0
-52.5°	17.2	8.6	4.3	0.0
-55°	17.2	8.6	4.3	0.0
-57.5°	17.2	8.6	4.3	0.0
-60°	17.2	8.6	4.3	0.0
-62.5°	17.2	8.6	4.3	0.0
-65°	17.2	8.6	4.3	0.0
-67.5°	17.2	8.6	4.3	0.0
-70°	17.2	4.3	4.3	0.0
-72.5°	12.9	4.3	4.3	0.0
-75°	12.9	4.3	4.3	0.0
-77.5°	8.6	4.3	0.0	0.0
-80°	8.6	4.3	0.0	0.0
-82.5°	8.6	4.3	0.0	0.0
-85°	4.3	0.0	0.0	0.0
-87.5°	4.3	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)