

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: P723631

Luminaire Tested: **IFLD-L-SA8C-722-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723631
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8C-722-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (128) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	19756.3 lumens	Max Intensity:	464796.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	47.0 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:	7164.4 lumens	Field Lumens:	11421.5 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

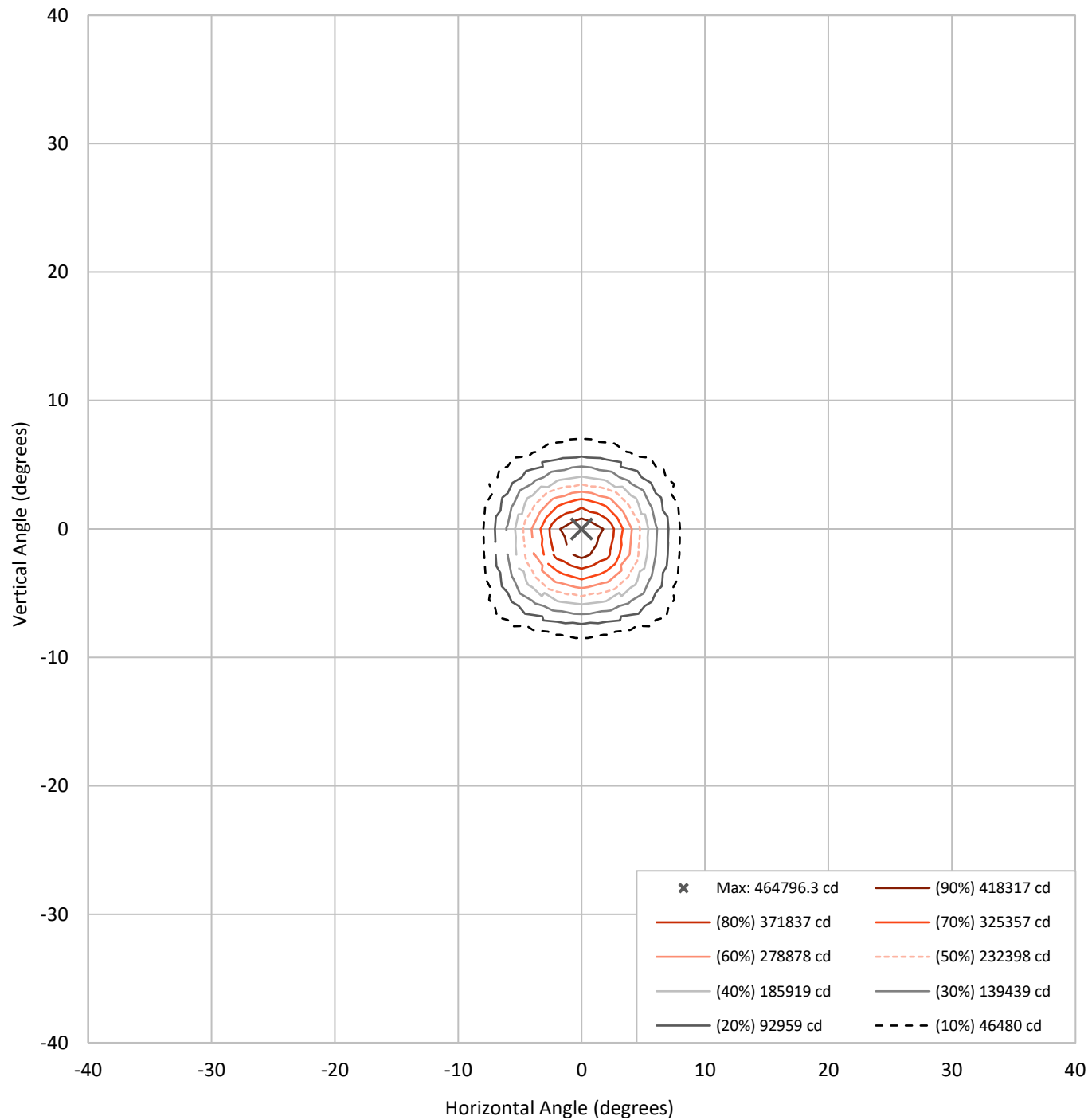
Input Watts (W): 420.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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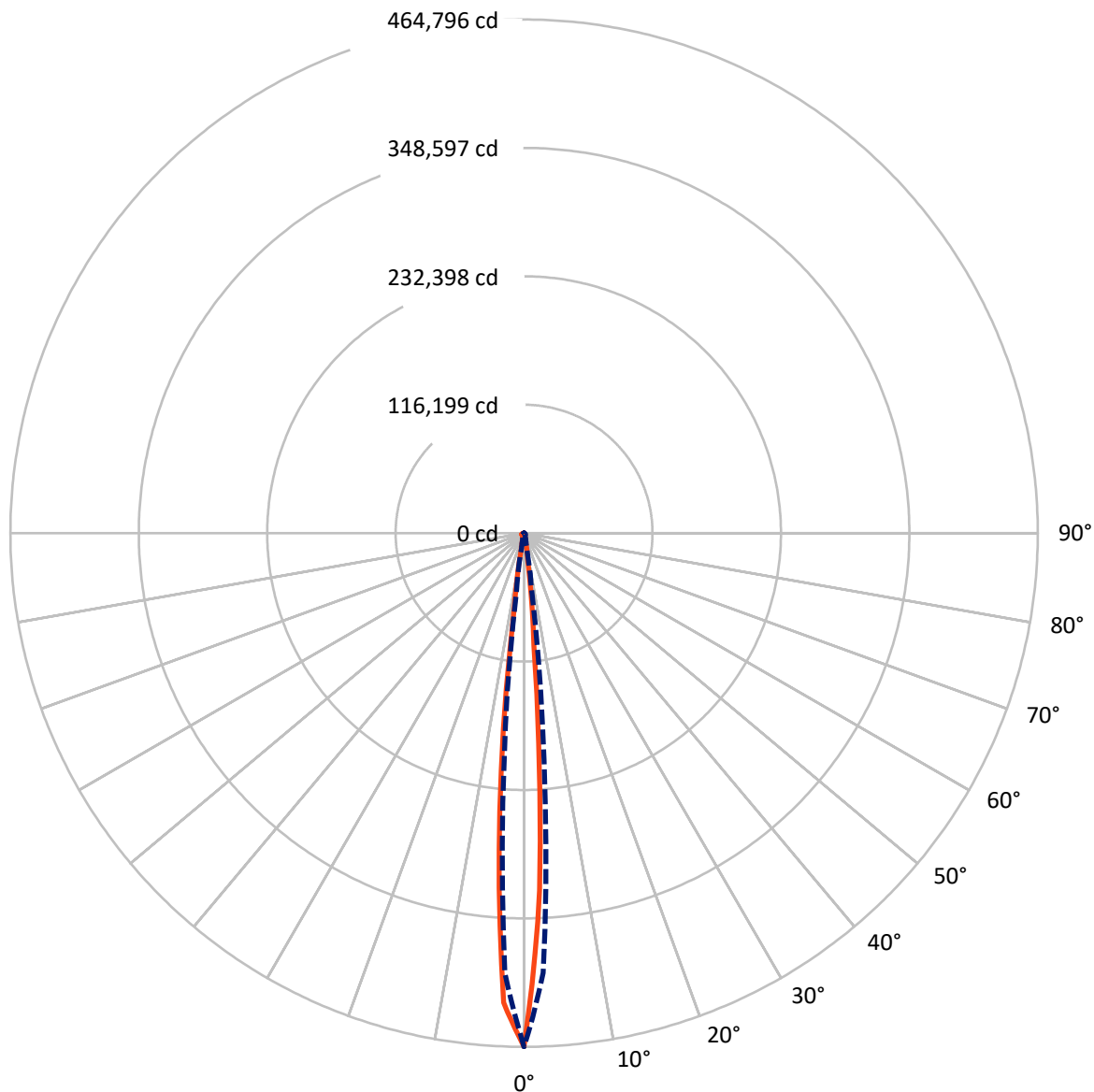
Lumen Table

Vertical Angle (degrees)																	
	-80		-60		-40		-20		0	20	30	40	50	60	70	80	
90	0.3		4.4		4.8		1.8		0.5		1.8		4.8		4.4		0.3
80	0.3		4.4		4.8		1.8		0.5		1.8		4.8		4.4		0.3
70	0.3		4.4		4.8		1.8		0.5		1.8		4.8		4.4		0.3
60	0.5		1.0	1.3	1.0	0.8	0.6	0.5	0.3	0.3	0.5	0.6	0.8	1.0	1.3	1.0	0.5
50	0.5		0.6	0.9	2.3	5.1	8.3	10.7	12.3	12.3	10.7	8.3	5.1	2.3	0.9	0.6	
40	0.5		0.7	2.7	9.0	17.7	25.9	31.2	34.6	34.6	31.2	25.9	17.7	9.0	2.7	0.7	0.5
30	0.5		1.3	6.8	18.5	30.0	35.3	38.1	39.4	39.4	38.1	35.3	30.0	18.5	6.8	1.3	
20	0.8		2.6	11.7	26.9	34.8	35.9	42.3	50.9	50.9	42.3	35.9	34.8	26.9	11.7	2.6	0.8
10	0.8		4.0	16.4	33.0	37.1	41.9	73.6	125.4	125.4	73.6	41.9	37.1	33.0	16.4	4.0	
0	1.3		5.2	20.1	36.3	38.5	51.7	139.9	2593.5	2593.5	139.9	51.7	38.5	36.3	20.1	5.2	1.3
-10	1.3		6.1	22.1	38.1	39.9	53.4	150.8	3781.6	3781.6	150.8	53.4	39.9	38.1	22.1	6.1	
-20	1.9		6.5	22.6	40.2	43.2	48.2	87.6	168.2	168.2	87.6	48.2	43.2	40.2	22.6	6.5	1.9
-30	1.9		6.1	21.5	40.7	48.5	48.6	56.8	69.2	69.2	56.8	48.6	48.5	40.7	21.5	6.1	
-40	2.1		5.5	19.0	38.9	53.3	58.1	60.5	61.0	61.0	60.5	58.1	53.3	38.9	19.0	5.5	2.1
-50	2.1		4.8	15.3	33.0	51.4	62.5	70.1	73.5	73.5	70.1	62.5	51.4	33.0	15.3	4.8	
-60	1.7		4.3	11.8	25.6	43.9	58.9	68.4	72.4	72.4	68.4	58.9	43.9	25.6	11.8	4.3	1.7
-70	1.7		4.0	10.4	20.9	36.6	51.5	62.3	67.3	67.3	62.3	51.5	36.6	20.9	10.4	4.0	
-80	0.8		12.2		36.4		67.4		74.4		67.4		36.4		12.2		0.8
-90	0.8		12.2		36.4		67.4		74.4		67.4		36.4		12.2		0.8
Horizontal Angle (degrees)																	

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Luminous Intensity Polar Plot



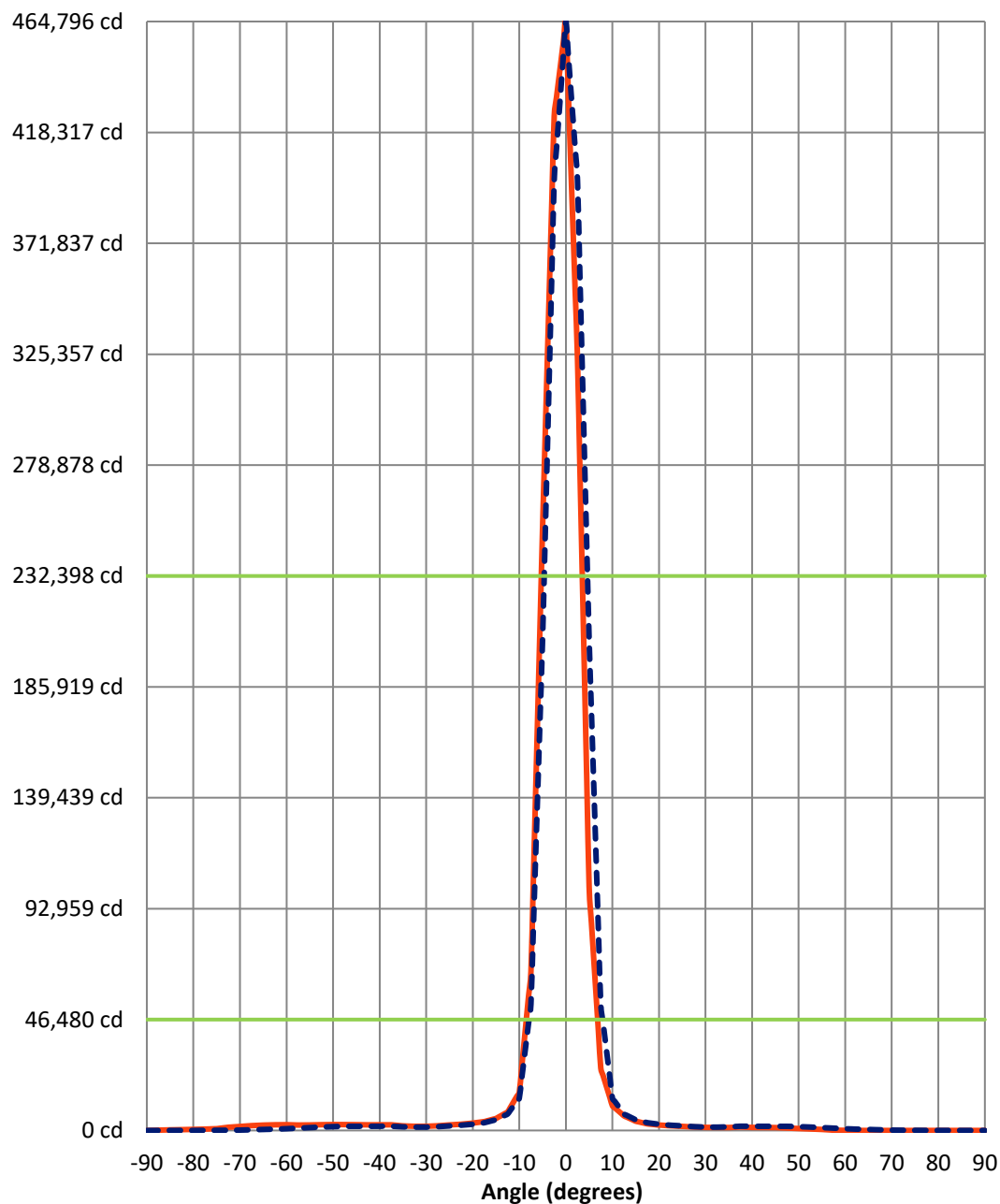
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 7164.4

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 11421.5

Efficiency: 57.8%

Spill:

Lumens: 8334.8

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	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
85°	0.0	4.6	4.6	9.1	9.1	9.1	13.7	18.2	22.8	22.8	27.4
82.5°	0.0	4.6	4.6	9.1	9.1	13.7	13.7	22.8	27.4	31.9	41.0
80°	4.6	4.6	4.6	9.1	9.1	13.7	13.7	18.2	22.8	31.9	36.5
77.5°	0.0	4.6	4.6	4.6	9.1	9.1	9.1	13.7	18.2	22.8	27.4
75°	0.0	4.6	4.6	4.6	9.1	9.1	9.1	9.1	13.7	13.7	18.2
72.5°	0.0	0.0	0.0	4.6	4.6	9.1	9.1	9.1	13.7	13.7	13.7
70°	0.0	0.0	0.0	4.6	4.6	9.1	9.1	9.1	13.7	13.7	13.7
67.5°	0.0	0.0	0.0	4.6	4.6	9.1	9.1	9.1	13.7	13.7	13.7
65°	0.0	0.0	0.0	4.6	4.6	9.1	9.1	13.7	13.7	13.7	13.7
62.5°	4.6	4.6	4.6	9.1	13.7	13.7	18.2	22.8	22.8	22.8	22.8
60°	45.6	50.2	54.7	54.7	50.2	50.2	54.7	54.7	54.7	54.7	54.7
57.5°	123.1	132.3	136.8	136.8	136.8	132.3	150.5	155.1	136.8	127.7	141.4
55°	428.7	442.4	433.3	419.6	392.2	360.3	351.2	346.6	351.2	328.4	291.9
52.5°	624.8	638.5	633.9	624.8	606.6	583.8	565.5	547.3	529.0	492.6	451.5
50°	811.8	816.4	811.8	802.7	784.4	761.6	725.1	684.1	647.6	638.5	602.0
47.5°	1021.6	1035.3	1035.3	1030.7	1017.0	976.0	921.3	862.0	834.6	825.5	789.0
45°	1208.6	1217.7	1222.3	1226.8	1222.3	1181.2	1131.0	1099.1	1039.8	1021.6	1021.6
42.5°	1258.7	1263.3	1267.9	1272.4	1286.1	1254.2	1213.1	1158.4	1144.7	1140.2	1131.0
40°	1277.0	1267.9	1272.4	1277.0	1281.5	1258.7	1226.8	1194.9	1185.8	1176.7	1176.7
37.5°	1450.3	1409.2	1377.3	1350.0	1327.2	1304.4	1272.4	1245.1	1222.3	1204.0	1222.3
35°	1235.9	1235.9	1267.9	1295.2	1322.6	1350.0	1354.5	1322.6	1272.4	1249.6	1281.5
32.5°	1263.3	1263.3	1263.3	1272.4	1281.5	1304.4	1327.2	1340.8	1377.3	1336.3	1336.3
30°	1290.7	1295.2	1304.4	1308.9	1295.2	1286.1	1277.0	1277.0	1299.8	1359.1	1391.0
27.5°	1450.3	1450.3	1436.6	1418.4	1377.3	1313.5	1281.5	1235.9	1240.5	1267.9	1345.4
25°	1710.3	1701.1	1669.2	1623.6	1550.6	1459.4	1372.8	1277.0	1235.9	1222.3	1254.2
22.5°	1956.5	1942.8	1901.8	1860.8	1801.5	1710.3	1564.3	1418.4	1290.7	1235.9	1222.3
20°	2271.2	2239.3	2193.7	2129.8	2034.1	1942.8	1815.1	1623.6	1436.6	1295.2	1240.5
17.5°	2777.4	2736.4	2649.8	2535.7	2371.5	2230.2	2047.7	1865.3	1655.5	1427.5	1304.4
15°	3885.7	3780.8	3630.3	3315.6	2991.8	2722.7	2449.1	2143.5	1929.2	1628.2	1441.2
12.5°	6111.3	5824.0	5386.2	4651.9	3926.7	3301.9	2859.5	2467.3	2120.7	1842.5	1578.0
10°	10343.6	9727.9	8519.3	6512.6	5176.4	4027.1	3233.5	2709.0	2271.2	1983.9	1692.0
7.5°	26160.0	21339.4	15100.4	10311.7	6772.6	4921.0	3698.7	2937.1	2430.8	2075.1	1783.2
5°	101958.4	83989.3	44804.0	18698.8	10188.5	5951.7	4118.3	3119.5	2535.7	2143.5	1851.6
2.5°	323584.2	279436.9	146607.3	40252.5	12509.9	6704.2	4405.6	3233.5	2595.0	2193.7	1901.8
0°	464796.3	398347.3	205754.7	52940.3	13568.0	6895.7	4496.8	3256.3	2604.1	2202.8	1901.8
-2.5°	425209.6	372141.7	198758.6	49264.4	13864.4	6950.5	4569.8	3333.9	2672.6	2243.9	1915.5
-5°	252656.6	221616.7	138649.0	35126.3	12318.4	6453.4	4378.2	3265.4	2626.9	2221.0	1906.4
-7.5°	66567.6	57628.6	37908.3	18329.3	7972.1	5459.1	4022.5	3151.4	2567.7	2180.0	1869.9
-10°	16049.0	15209.8	13586.2	8327.8	6207.1	4560.7	3566.4	2946.2	2449.1	2125.3	1810.6
-12.5°	7739.5	7557.0	6859.2	5655.2	4606.3	3789.9	3229.0	2731.8	2339.6	2029.5	1728.5
-15°	5035.0	4930.1	4692.9	4232.3	3698.7	3306.5	2914.3	2512.9	2202.8	1888.1	1660.1
-17.5°	3726.1	3721.5	3602.9	3429.6	3165.1	2873.2	2585.9	2330.5	2029.5	1760.4	1587.1
-20°	3087.6	3087.6	3019.2	2905.1	2718.2	2526.6	2335.1	2097.9	1851.6	1651.0	1578.0

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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°	2622.4	2626.9	2590.5	2517.5	2417.2	2257.5	2070.5	1879.0	1701.1	1628.2	1605.4
-25°	2321.4	2312.3	2271.2	2202.8	2097.9	1970.2	1847.1	1719.4	1669.2	1651.0	1682.9
-27.5°	1965.6	1979.3	1961.1	1929.2	1860.8	1769.5	1742.2	1705.7	1714.8	1742.2	1865.3
-30°	1755.9	1769.5	1787.8	1801.5	1778.7	1755.9	1765.0	1792.3	1851.6	1956.5	2002.1
-32.5°	1755.9	1760.4	1787.8	1815.1	1828.8	1847.1	1897.2	1988.5	2075.1	2047.7	2038.6
-35°	1915.5	1901.8	1938.3	1974.8	2024.9	2088.8	2143.5	2125.3	2093.3	2084.2	2093.3
-37.5°	2371.5	2284.9	2248.4	2225.6	2211.9	2202.8	2189.1	2175.4	2161.8	2152.6	2166.3
-40°	2367.0	2344.2	2321.4	2303.1	2289.5	2271.2	2262.1	2257.5	2243.9	2234.7	2225.6
-42.5°	2357.9	2367.0	2367.0	2362.4	2367.0	2362.4	2348.7	2330.5	2307.7	2289.5	2271.2
-45°	2426.3	2430.8	2440.0	2449.1	2462.8	2444.5	2417.2	2385.2	2353.3	2325.9	2303.1
-47.5°	2467.3	2471.9	2481.0	2494.7	2503.8	2485.6	2449.1	2408.0	2357.9	2312.3	2266.7
-50°	2481.0	2494.7	2499.2	2499.2	2494.7	2471.9	2417.2	2357.9	2303.1	2257.5	2216.5
-52.5°	2417.2	2430.8	2435.4	2426.3	2421.7	2398.9	2348.7	2294.0	2234.7	2202.8	2166.3
-55°	2312.3	2330.5	2344.2	2344.2	2344.2	2339.6	2294.0	2243.9	2198.2	2161.8	2125.3
-57.5°	2271.2	2303.1	2330.5	2335.1	2339.6	2344.2	2312.3	2262.1	2207.4	2152.6	2107.0
-60°	2421.7	2449.1	2462.8	2444.5	2430.8	2417.2	2367.0	2307.7	2253.0	2198.2	2111.6
-62.5°	2380.7	2426.3	2449.1	2435.4	2417.2	2394.4	2339.6	2271.2	2207.4	2148.1	2061.4
-65°	2248.4	2289.5	2316.8	2294.0	2266.7	2234.7	2184.6	2120.7	2061.4	2002.1	1924.6
-67.5°	2024.9	2084.2	2129.8	2079.7	2043.2	2002.1	1961.1	1906.4	1847.1	1778.7	1705.7
-70°	1673.8	1719.4	1760.4	1746.7	1737.6	1728.5	1701.1	1646.4	1596.2	1541.5	1477.7
-72.5°	1345.4	1386.4	1422.9	1400.1	1381.9	1354.5	1313.5	1254.2	1194.9	1135.6	1076.3
-75°	743.4	757.1	770.8	766.2	766.2	766.2	766.2	770.8	761.6	748.0	720.6
-77.5°	570.1	588.3	602.0	611.1	624.8	643.1	656.7	633.9	611.1	588.3	561.0
-80°	446.9	465.2	478.9	529.0	565.5	606.6	633.9	602.0	570.1	542.7	519.9
-82.5°	337.5	351.2	364.9	392.2	410.5	433.3	451.5	451.5	446.9	442.4	428.7
-85°	246.3	264.5	282.8	291.9	305.6	305.6	310.1	291.9	273.6	260.0	241.7
-87.5°	141.4	145.9	145.9	145.9	150.5	150.5	150.5	141.4	136.8	127.7	123.1
-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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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°	4.6	4.6	4.6	9.1	9.1	13.7	13.7	18.2	18.2	22.8	22.8
85°	27.4	27.4	27.4	31.9	31.9	36.5	41.0	45.6	50.2	50.2	54.7
82.5°	45.6	50.2	54.7	59.3	63.8	68.4	73.0	77.5	91.2	100.3	104.9
80°	45.6	50.2	63.8	73.0	82.1	91.2	91.2	91.2	91.2	95.8	104.9
77.5°	31.9	36.5	41.0	50.2	73.0	91.2	104.9	114.0	104.9	100.3	91.2
75°	18.2	22.8	27.4	31.9	45.6	63.8	86.7	109.5	127.7	123.1	114.0
72.5°	18.2	18.2	22.8	27.4	31.9	36.5	41.0	63.8	91.2	114.0	127.7
70°	18.2	22.8	22.8	27.4	31.9	36.5	41.0	50.2	63.8	91.2	118.6
67.5°	18.2	22.8	22.8	31.9	41.0	45.6	50.2	45.6	41.0	59.3	86.7
65°	18.2	18.2	22.8	27.4	31.9	36.5	50.2	50.2	45.6	45.6	45.6
62.5°	27.4	27.4	27.4	27.4	31.9	31.9	31.9	41.0	41.0	41.0	41.0
60°	54.7	50.2	50.2	50.2	50.2	41.0	41.0	41.0	36.5	41.0	36.5
57.5°	132.3	109.5	100.3	100.3	86.7	82.1	68.4	50.2	50.2	41.0	41.0
55°	269.1	255.4	214.4	177.9	159.6	141.4	109.5	91.2	68.4	54.7	50.2
52.5°	415.0	378.5	342.1	296.4	250.8	214.4	182.4	141.4	114.0	82.1	63.8
50°	542.7	510.8	469.7	419.6	360.3	314.7	269.1	214.4	168.7	127.7	91.2
47.5°	738.8	675.0	624.8	565.5	497.1	433.3	374.0	310.1	237.2	187.0	141.4
45°	948.6	857.4	789.0	734.3	643.1	556.4	488.0	419.6	332.9	246.3	191.5
42.5°	1094.6	1026.2	934.9	862.0	779.9	688.7	597.4	524.5	433.3	332.9	246.3
40°	1172.1	1126.5	1053.5	989.7	903.0	802.7	706.9	633.9	538.2	428.7	310.1
37.5°	1231.4	1208.6	1172.1	1121.9	1039.8	921.3	825.5	738.8	656.7	529.0	401.3
35°	1299.8	1295.2	1272.4	1249.6	1181.2	1067.2	953.2	852.8	752.5	633.9	492.6
32.5°	1363.6	1359.1	1345.4	1336.3	1308.9	1208.6	1085.4	971.4	857.4	734.3	579.2
30°	1395.6	1386.4	1386.4	1395.6	1368.2	1304.4	1213.1	1090.0	962.3	816.4	670.4
27.5°	1395.6	1386.4	1391.0	1404.7	1400.1	1368.2	1299.8	1199.5	1058.1	893.9	752.5
25°	1336.3	1381.9	1381.9	1400.1	1404.7	1395.6	1359.1	1295.2	1149.3	976.0	816.4
22.5°	1254.2	1363.6	1404.7	1400.1	1404.7	1427.5	1432.1	1372.8	1235.9	1058.1	880.2
20°	1254.2	1331.7	1450.3	1418.4	1427.5	1477.7	1500.5	1450.3	1327.2	1135.6	944.1
17.5°	1281.5	1331.7	1432.1	1482.2	1495.9	1536.9	1573.4	1541.5	1409.2	1217.7	1030.7
15°	1359.1	1350.0	1418.4	1541.5	1564.3	1596.2	1637.3	1600.8	1482.2	1308.9	1112.8
12.5°	1413.8	1363.6	1418.4	1550.6	1623.6	1655.5	1669.2	1641.8	1546.1	1391.0	1194.9
10°	1486.8	1400.1	1427.5	1541.5	1646.4	1669.2	1682.9	1673.8	1605.4	1459.4	1267.9
7.5°	1541.5	1418.4	1418.4	1527.8	1669.2	1687.4	1696.6	1705.7	1655.5	1518.7	1331.7
5°	1564.3	1418.4	1409.2	1514.1	1692.0	1710.3	1710.3	1723.9	1692.0	1564.3	1377.3
2.5°	1568.9	1413.8	1400.1	1505.0	1733.1	1733.1	1723.9	1737.6	1719.4	1591.7	1409.2
0°	1591.7	1409.2	1395.6	1518.7	1778.7	1760.4	1737.6	1742.2	1733.1	1605.4	1427.5
-2.5°	1591.7	1432.1	1413.8	1527.8	1774.1	1769.5	1760.4	1765.0	1755.9	1646.4	1464.0
-5°	1614.5	1464.0	1445.7	1568.9	1769.5	1783.2	1787.8	1787.8	1774.1	1673.8	1486.8
-7.5°	1619.0	1486.8	1482.2	1609.9	1778.7	1801.5	1815.1	1824.3	1796.9	1692.0	1505.0
-10°	1596.2	1495.9	1518.7	1660.1	1787.8	1819.7	1847.1	1860.8	1815.1	1701.1	1514.1
-12.5°	1546.1	1495.9	1555.2	1723.9	1810.6	1847.1	1888.1	1892.7	1833.4	1705.7	1518.7
-15°	1541.5	1532.4	1619.0	1787.8	1824.3	1869.9	1933.7	1920.0	1847.1	1705.7	1518.7
-17.5°	1536.9	1582.6	1714.8	1810.6	1847.1	1897.2	1947.4	1933.7	1856.2	1705.7	1509.6
-20°	1578.0	1664.6	1828.8	1833.4	1874.4	1929.2	1956.5	1929.2	1842.5	1692.0	1495.9

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CATALOG NUMBER: IFLD-L-SA8C-722-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°	1646.4	1810.6	1865.3	1883.6	1920.0	1961.1	1974.8	1933.7	1828.8	1669.2	1473.1
-25°	1819.7	1901.8	1901.8	1942.8	1979.3	1997.6	1983.9	1938.3	1810.6	1646.4	1450.3
-27.5°	1952.0	1947.4	1970.2	2011.3	2043.2	2043.2	2006.7	1915.5	1783.2	1623.6	1418.4
-30°	2002.1	2006.7	2038.6	2084.2	2093.3	2070.5	2015.8	1897.2	1760.4	1587.1	1377.3
-32.5°	2052.3	2070.5	2111.6	2134.4	2139.0	2093.3	1993.0	1865.3	1723.9	1546.1	1331.7
-35°	2111.6	2148.1	2170.9	2175.4	2152.6	2075.1	1961.1	1824.3	1669.2	1486.8	1290.7
-37.5°	2189.1	2207.4	2221.0	2202.8	2139.0	2047.7	1906.4	1769.5	1619.0	1422.9	1231.4
-40°	2239.3	2248.4	2253.0	2193.7	2116.2	1983.9	1847.1	1705.7	1532.4	1350.0	1167.5
-42.5°	2271.2	2262.1	2225.6	2161.8	2047.7	1920.0	1787.8	1628.2	1454.9	1277.0	1099.1
-45°	2262.1	2230.2	2175.4	2097.9	1979.3	1851.6	1696.6	1536.9	1372.8	1199.5	1021.6
-47.5°	2225.6	2175.4	2107.0	2015.8	1906.4	1751.3	1596.2	1441.2	1281.5	1112.8	948.6
-50°	2180.0	2120.7	2038.6	1924.6	1778.7	1637.3	1495.9	1345.4	1181.2	1026.2	880.2
-52.5°	2129.8	2066.0	1961.1	1833.4	1673.8	1527.8	1391.0	1245.1	1094.6	948.6	820.9
-55°	2075.1	2011.3	1892.7	1746.7	1587.1	1427.5	1295.2	1172.1	1026.2	884.8	770.8
-57.5°	2047.7	1965.6	1842.5	1696.6	1527.8	1363.6	1249.6	1117.4	985.1	839.2	729.7
-60°	2024.9	1942.8	1828.8	1660.1	1500.5	1345.4	1213.1	1085.4	944.1	807.2	697.8
-62.5°	1961.1	1874.4	1769.5	1605.4	1450.3	1308.9	1190.3	1039.8	903.0	775.3	675.0
-65°	1833.4	1742.2	1651.0	1505.0	1363.6	1231.4	1112.8	976.0	848.3	738.8	652.2
-67.5°	1632.7	1555.2	1473.1	1350.0	1231.4	1112.8	1003.3	884.8	779.9	702.3	656.7
-70°	1409.2	1327.2	1245.1	1144.7	1044.4	948.6	862.0	775.3	706.9	665.9	629.4
-72.5°	1026.2	989.7	948.6	871.1	789.0	729.7	688.7	652.2	602.0	565.5	542.7
-75°	684.1	633.9	570.1	542.7	547.3	538.2	515.4	488.0	465.2	451.5	419.6
-77.5°	533.6	506.2	474.3	442.4	428.7	415.0	396.8	374.0	355.7	323.8	278.2
-80°	492.6	469.7	446.9	424.1	401.3	369.4	332.9	296.4	278.2	264.5	260.0
-82.5°	405.9	378.5	351.2	328.4	296.4	273.6	250.8	232.6	232.6	228.0	223.5
-85°	232.6	223.5	209.8	200.7	191.5	177.9	164.2	155.1	150.5	145.9	141.4
-87.5°	118.6	114.0	104.9	100.3	95.8	91.2	82.1	77.5	73.0	73.0	68.4
-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-SA8C-722-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°	22.8	22.8	18.2	18.2	18.2	13.7	9.1	9.1	4.6	4.6	0.0
85°	54.7	45.6	41.0	36.5	36.5	27.4	18.2	13.7	9.1	4.6	4.6
82.5°	104.9	91.2	77.5	68.4	54.7	41.0	31.9	22.8	13.7	9.1	4.6
80°	118.6	118.6	114.0	95.8	77.5	59.3	41.0	27.4	18.2	13.7	9.1
77.5°	91.2	100.3	100.3	100.3	95.8	73.0	50.2	31.9	18.2	13.7	9.1
75°	104.9	91.2	86.7	91.2	86.7	73.0	59.3	36.5	22.8	18.2	9.1
72.5°	127.7	109.5	95.8	91.2	82.1	68.4	54.7	41.0	22.8	18.2	13.7
70°	118.6	114.0	104.9	95.8	82.1	68.4	54.7	41.0	27.4	18.2	13.7
67.5°	104.9	104.9	104.9	95.8	82.1	63.8	50.2	36.5	27.4	18.2	13.7
65°	73.0	86.7	95.8	91.2	82.1	63.8	50.2	36.5	27.4	22.8	13.7
62.5°	45.6	59.3	77.5	86.7	77.5	63.8	45.6	36.5	27.4	22.8	13.7
60°	41.0	45.6	54.7	68.4	73.0	59.3	45.6	31.9	27.4	22.8	13.7
57.5°	41.0	41.0	45.6	54.7	59.3	54.7	41.0	27.4	27.4	22.8	18.2
55°	45.6	41.0	41.0	45.6	50.2	50.2	41.0	27.4	27.4	22.8	18.2
52.5°	54.7	45.6	41.0	41.0	41.0	45.6	36.5	27.4	27.4	22.8	18.2
50°	68.4	54.7	50.2	41.0	41.0	41.0	36.5	27.4	22.8	22.8	18.2
47.5°	91.2	73.0	54.7	50.2	41.0	36.5	31.9	27.4	22.8	22.8	18.2
45°	136.8	86.7	73.0	54.7	45.6	41.0	36.5	27.4	22.8	22.8	18.2
42.5°	187.0	127.7	91.2	63.8	50.2	41.0	36.5	31.9	22.8	22.8	18.2
40°	237.2	173.3	114.0	82.1	59.3	45.6	36.5	31.9	27.4	22.8	18.2
37.5°	291.9	214.4	150.5	104.9	68.4	50.2	41.0	31.9	27.4	22.8	18.2
35°	360.3	269.1	187.0	127.7	82.1	59.3	45.6	31.9	27.4	22.8	18.2
32.5°	437.8	319.2	223.5	155.1	104.9	73.0	50.2	36.5	27.4	22.8	18.2
30°	510.8	378.5	264.5	187.0	127.7	82.1	54.7	36.5	27.4	22.8	13.7
27.5°	583.8	437.8	314.7	218.9	155.1	95.8	59.3	41.0	27.4	22.8	18.2
25°	656.7	497.1	364.9	250.8	177.9	114.0	73.0	45.6	27.4	22.8	18.2
22.5°	720.6	556.4	410.5	287.3	205.2	132.3	82.1	50.2	31.9	22.8	18.2
20°	793.6	620.3	460.6	328.4	228.0	150.5	91.2	54.7	31.9	22.8	18.2
17.5°	862.0	684.1	510.8	364.9	255.4	168.7	104.9	59.3	36.5	22.8	18.2
15°	930.4	743.4	556.4	401.3	282.8	187.0	114.0	63.8	41.0	22.8	18.2
12.5°	994.2	798.1	597.4	433.3	305.6	205.2	123.1	68.4	45.6	22.8	18.2
10°	1053.5	848.3	638.5	460.6	328.4	218.9	132.3	77.5	50.2	22.8	18.2
7.5°	1112.8	889.3	670.4	488.0	355.7	237.2	141.4	82.1	54.7	27.4	18.2
5°	1149.3	925.8	697.8	510.8	378.5	255.4	150.5	86.7	59.3	27.4	18.2
2.5°	1181.2	953.2	716.0	533.6	401.3	269.1	150.5	91.2	63.8	27.4	18.2
0°	1199.5	971.4	729.7	547.3	419.6	278.2	155.1	95.8	68.4	27.4	18.2
-2.5°	1240.5	1003.3	761.6	565.5	437.8	305.6	164.2	100.3	73.0	31.9	18.2
-5°	1267.9	1021.6	784.4	583.8	451.5	332.9	177.9	109.5	82.1	41.0	22.8
-7.5°	1290.7	1039.8	802.7	592.9	465.2	342.1	182.4	114.0	86.7	45.6	22.8
-10°	1295.2	1049.0	816.4	606.6	474.3	355.7	187.0	118.6	91.2	50.2	22.8
-12.5°	1299.8	1058.1	820.9	615.7	483.4	364.9	191.5	123.1	95.8	54.7	22.8
-15°	1295.2	1053.5	820.9	624.8	488.0	355.7	200.7	127.7	100.3	59.3	22.8
-17.5°	1286.1	1049.0	816.4	620.3	483.4	346.6	205.2	136.8	100.3	63.8	27.4
-20°	1272.4	1035.3	807.2	615.7	478.9	337.5	209.8	141.4	104.9	63.8	27.4

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CATALOG NUMBER: IFLD-L-SA8C-722-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1249.6	1012.5	789.0	602.0	469.7	328.4	209.8	150.5	109.5	63.8	27.4
-25°	1222.3	989.7	770.8	583.8	456.1	314.7	209.8	155.1	114.0	63.8	27.4
-27.5°	1190.3	966.9	743.4	570.1	437.8	305.6	209.8	159.6	118.6	63.8	27.4
-30°	1153.8	934.9	720.6	547.3	424.1	305.6	214.4	164.2	123.1	63.8	27.4
-32.5°	1117.4	903.0	693.2	529.0	405.9	301.0	214.4	168.7	127.7	59.3	31.9
-35°	1076.3	866.5	670.4	515.4	392.2	291.9	218.9	168.7	123.1	59.3	31.9
-37.5°	1026.2	820.9	647.6	501.7	383.1	282.8	218.9	173.3	118.6	59.3	31.9
-40°	971.4	784.4	620.3	483.4	369.4	278.2	218.9	173.3	114.0	59.3	36.5
-42.5°	912.1	743.4	592.9	465.2	355.7	273.6	218.9	173.3	109.5	59.3	36.5
-45°	857.4	702.3	561.0	442.4	342.1	273.6	218.9	168.7	100.3	63.8	36.5
-47.5°	798.1	656.7	524.5	419.6	337.5	269.1	214.4	159.6	91.2	63.8	36.5
-50°	748.0	611.1	497.1	396.8	328.4	273.6	218.9	145.9	91.2	63.8	36.5
-52.5°	697.8	579.2	465.2	387.7	319.2	278.2	214.4	136.8	91.2	63.8	36.5
-55°	656.7	547.3	446.9	374.0	328.4	287.3	205.2	123.1	91.2	63.8	36.5
-57.5°	624.8	529.0	433.3	378.5	342.1	278.2	191.5	118.6	91.2	59.3	36.5
-60°	602.0	510.8	437.8	396.8	346.6	264.5	182.4	118.6	91.2	59.3	31.9
-62.5°	583.8	515.4	460.6	410.5	328.4	246.3	173.3	118.6	82.1	54.7	31.9
-65°	588.3	533.6	469.7	392.2	314.7	228.0	159.6	114.0	77.5	50.2	31.9
-67.5°	602.0	519.9	442.4	369.4	282.8	205.2	145.9	104.9	73.0	50.2	31.9
-70°	556.4	478.9	401.3	314.7	241.7	177.9	136.8	95.8	63.8	45.6	31.9
-72.5°	501.7	401.3	319.2	255.4	205.2	164.2	123.1	86.7	59.3	41.0	27.4
-75°	364.9	291.9	237.2	214.4	182.4	145.9	109.5	77.5	54.7	41.0	27.4
-77.5°	260.0	241.7	218.9	196.1	164.2	127.7	95.8	73.0	50.2	36.5	22.8
-80°	255.4	232.6	205.2	168.7	136.8	109.5	82.1	63.8	45.6	31.9	18.2
-82.5°	214.4	182.4	155.1	127.7	104.9	86.7	68.4	50.2	36.5	22.8	13.7
-85°	132.3	114.0	100.3	86.7	73.0	59.3	45.6	31.9	22.8	13.7	9.1
-87.5°	63.8	59.3	50.2	41.0	36.5	27.4	22.8	18.2	13.7	9.1	4.6
-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-SA8C-722-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°	4.6	0.0	0.0	0.0
80°	4.6	0.0	0.0	0.0
77.5°	4.6	0.0	0.0	0.0
75°	4.6	4.6	0.0	0.0
72.5°	4.6	4.6	0.0	0.0
70°	9.1	4.6	4.6	0.0
67.5°	9.1	4.6	4.6	0.0
65°	9.1	4.6	4.6	0.0
62.5°	9.1	4.6	4.6	0.0
60°	9.1	4.6	4.6	0.0
57.5°	9.1	4.6	4.6	0.0
55°	9.1	4.6	4.6	0.0
52.5°	9.1	4.6	4.6	0.0
50°	9.1	4.6	4.6	0.0
47.5°	9.1	9.1	4.6	0.0
45°	9.1	9.1	4.6	0.0
42.5°	9.1	9.1	4.6	0.0
40°	9.1	9.1	4.6	0.0
37.5°	9.1	9.1	4.6	0.0
35°	9.1	9.1	4.6	0.0
32.5°	13.7	9.1	4.6	0.0
30°	13.7	9.1	9.1	0.0
27.5°	13.7	9.1	9.1	0.0
25°	13.7	9.1	9.1	0.0
22.5°	13.7	9.1	9.1	0.0
20°	13.7	9.1	9.1	0.0
17.5°	13.7	9.1	9.1	0.0
15°	13.7	9.1	9.1	0.0
12.5°	13.7	9.1	9.1	0.0
10°	13.7	9.1	9.1	0.0
7.5°	13.7	9.1	9.1	0.0
5°	13.7	9.1	9.1	0.0
2.5°	13.7	9.1	9.1	0.0
0°	13.7	9.1	9.1	0.0
-2.5°	13.7	9.1	9.1	0.0
-5°	13.7	9.1	9.1	0.0
-7.5°	13.7	9.1	9.1	0.0
-10°	13.7	9.1	9.1	0.0
-12.5°	18.2	9.1	9.1	0.0
-15°	18.2	9.1	9.1	0.0
-17.5°	18.2	9.1	9.1	0.0
-20°	18.2	9.1	9.1	0.0

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CATALOG NUMBER: IFLD-L-SA8C-722-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	18.2	9.1	9.1	0.0
-25°	18.2	9.1	9.1	0.0
-27.5°	18.2	9.1	9.1	0.0
-30°	18.2	9.1	9.1	0.0
-32.5°	18.2	9.1	9.1	0.0
-35°	18.2	9.1	9.1	0.0
-37.5°	18.2	9.1	9.1	0.0
-40°	18.2	9.1	9.1	0.0
-42.5°	13.7	9.1	4.6	0.0
-45°	18.2	9.1	4.6	0.0
-47.5°	18.2	9.1	4.6	0.0
-50°	18.2	9.1	4.6	0.0
-52.5°	18.2	9.1	4.6	0.0
-55°	18.2	9.1	4.6	0.0
-57.5°	18.2	9.1	4.6	0.0
-60°	18.2	9.1	4.6	0.0
-62.5°	18.2	9.1	4.6	0.0
-65°	18.2	9.1	4.6	0.0
-67.5°	18.2	9.1	4.6	0.0
-70°	18.2	4.6	4.6	0.0
-72.5°	13.7	4.6	4.6	0.0
-75°	13.7	4.6	4.6	0.0
-77.5°	9.1	4.6	0.0	0.0
-80°	9.1	4.6	0.0	0.0
-82.5°	9.1	4.6	0.0	0.0
-85°	4.6	0.0	0.0	0.0
-87.5°	4.6	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)