

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: P723834

Luminaire Tested: **IFLD-L-SA8C-827-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723834
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8C-827-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (128) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	19716.1 lumens	Max Intensity:	463849.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	46.9 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:	7149.9 lumens	Field Lumens:	11398.3 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

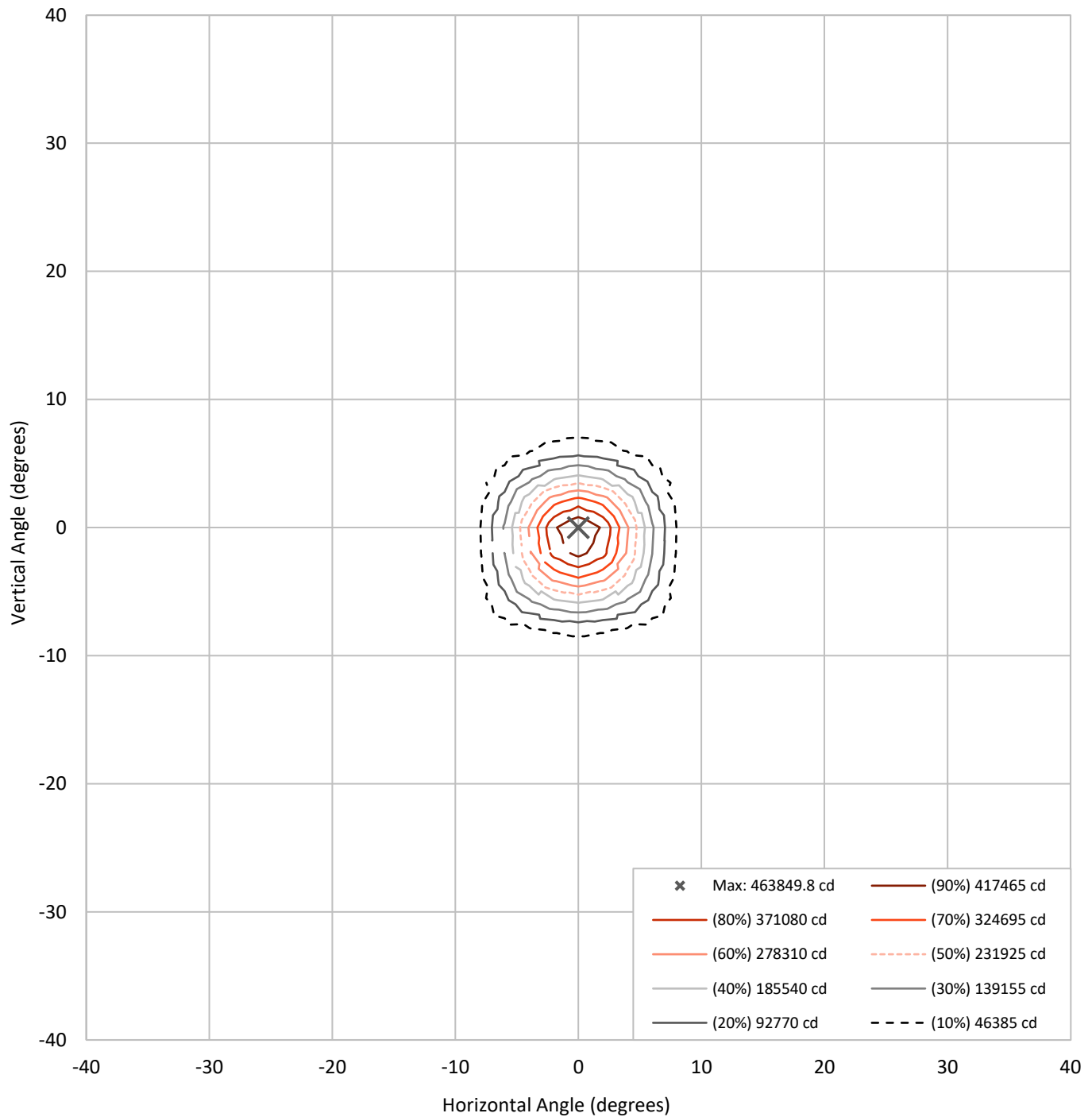
Input Watts (W): 420.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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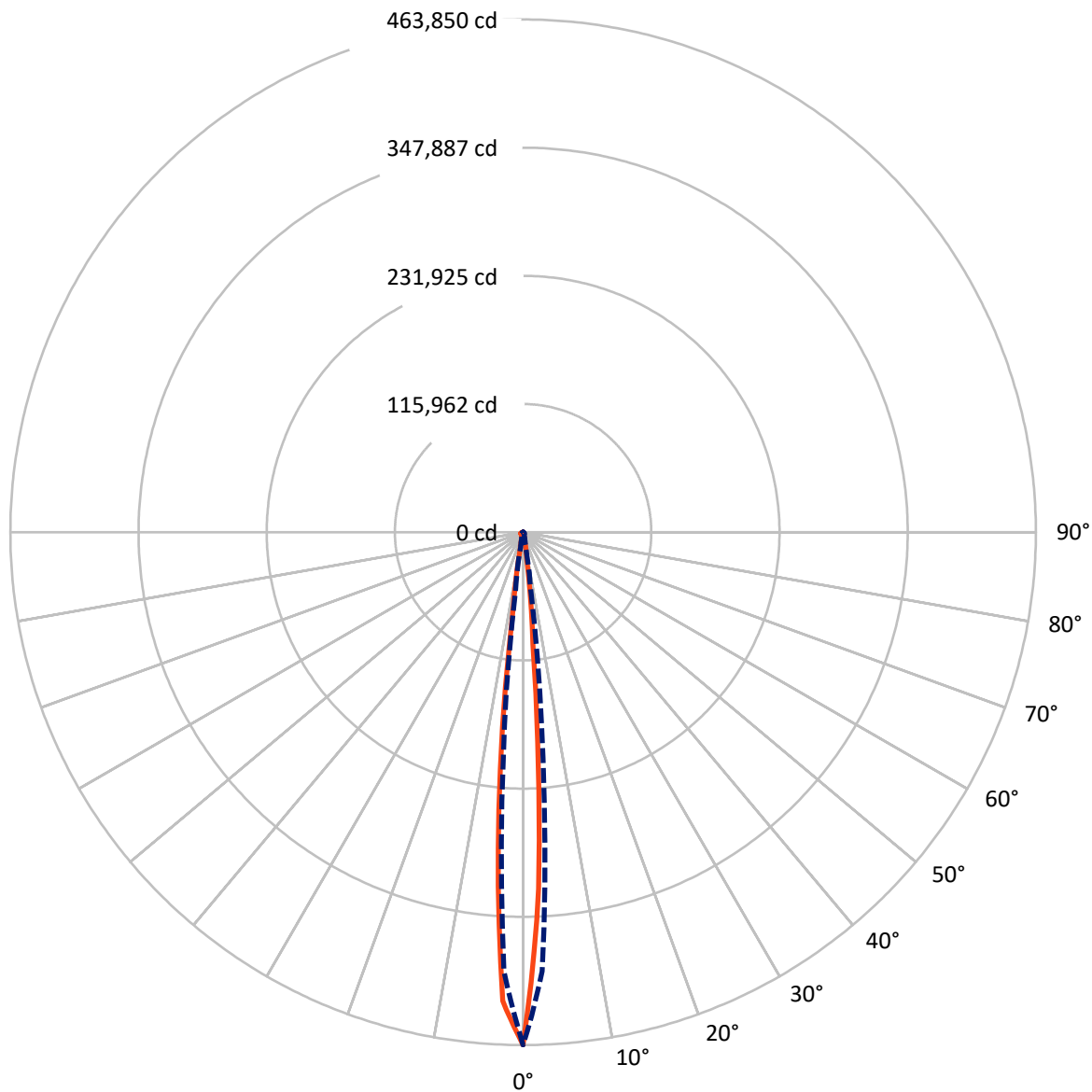
Lumen Table

90																
80	0.3	4.4		4.8		1.8		0.5		1.8		4.8		4.4		0.3
70																
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		0.6	0.9	2.3	5.1	8.3	10.7	12.2	12.2	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	31.1	34.5	34.5	31.1	25.9	17.7	9.0	2.7	0.7	0.5
30		1.3	6.8	18.4	30.0	35.2	38.0	39.4	39.4	38.0	35.2	30.0	18.4	6.8	1.3	
20	0.8	2.6	11.7	26.8	34.7	35.8	42.2	50.8	50.8	42.2	35.8	34.7	26.8	11.7	2.6	0.8
10		4.0	16.4	33.0	37.0	41.8	73.4	125.1	125.1	73.4	41.8	37.0	33.0	16.4	4.0	
0	1.3	5.2	20.1	36.2	38.4	51.6	139.7	2588.2	2588.2	139.7	51.6	38.4	36.2	20.1	5.2	1.3
-10		6.1	22.0	38.1	39.8	53.3	150.5	3773.9	3773.9	150.5	53.3	39.8	38.1	22.0	6.1	
-20	1.9	6.5	22.6	40.1	43.1	48.1	87.5	167.9	167.9	87.5	48.1	43.1	40.1	22.6	6.5	1.9
-30		6.1	21.5	40.6	48.4	48.5	56.6	69.1	69.1	56.6	48.5	48.4	40.6	21.5	6.1	
-40	2.1	5.4	19.0	38.8	53.2	58.0	60.4	60.9	60.9	60.4	58.0	53.2	38.8	19.0	5.4	2.1
-50		4.8	15.3	32.9	51.3	62.4	70.0	73.3	73.3	70.0	62.4	51.3	32.9	15.3	4.8	
-60	1.6	4.3	11.8	25.5	43.8	58.8	68.3	72.2	72.2	68.3	58.8	43.8	25.5	11.8	4.3	1.6
-70		4.0	10.4	20.8	36.5	51.4	62.2	67.2	67.2	62.2	51.4	36.5	20.8	10.4	4.0	
-80	0.8	12.2		36.3		67.3		74.3		67.3		36.3		12.2		0.8
-90																
Horizontal Angle (degrees)																

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Luminous Intensity Polar Plot



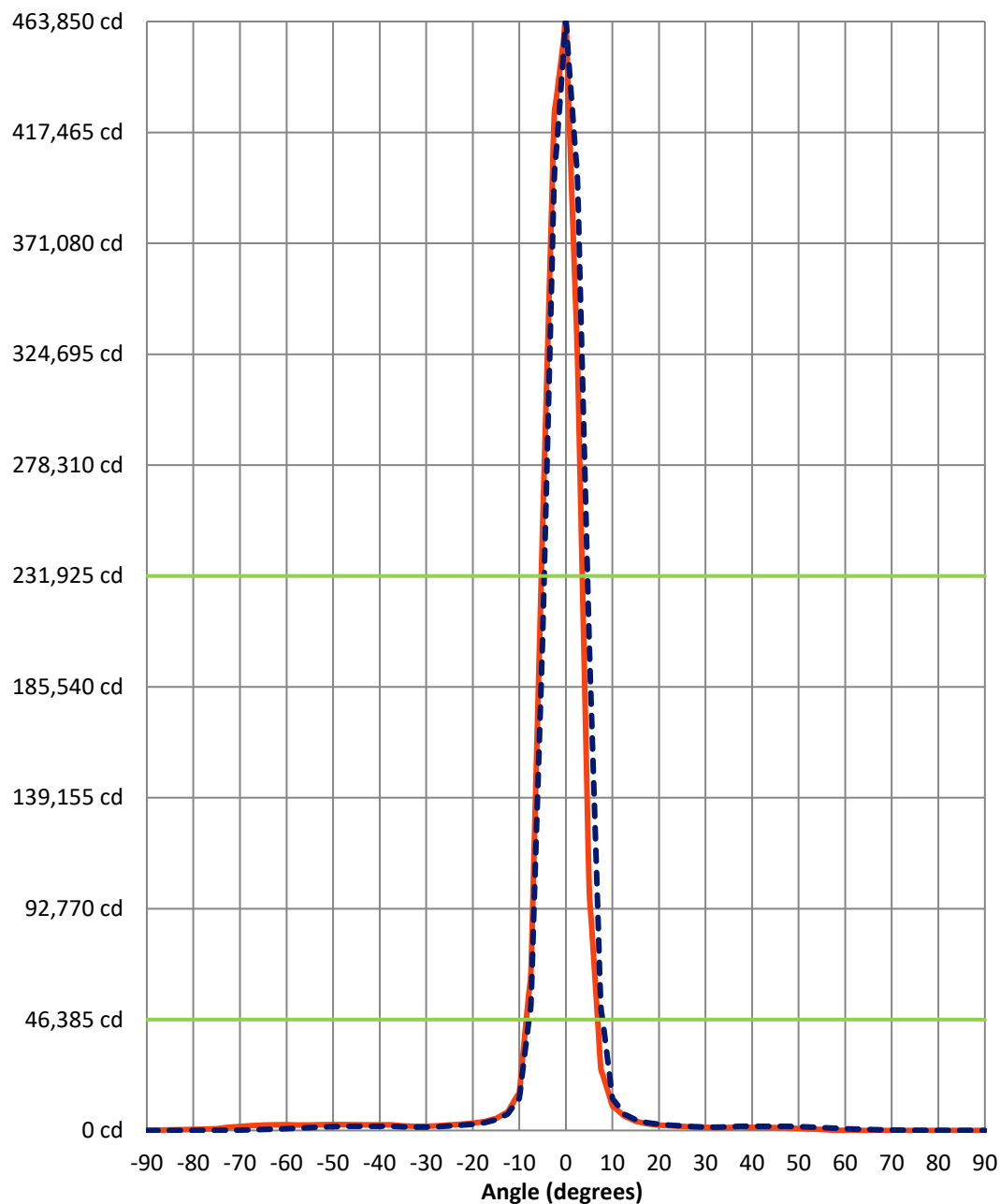
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 7149.9

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 11398.3

Efficiency: 57.8%

Spill:

Lumens: 8317.8

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	27.3
82.5°	0.0	4.6	4.6	9.1	9.1	13.7	13.7	22.8	27.3	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	36.4
77.5°	0.0	4.6	4.6	4.6	9.1	9.1	9.1	13.7	18.2	22.8	27.3
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°	45.5	50.1	54.6	54.6	50.1	50.1	54.6	54.6	54.6	54.6	54.6
57.5°	122.9	132.0	136.5	136.5	136.5	132.0	150.2	154.7	136.5	127.4	141.1
55°	427.8	441.5	432.4	418.7	391.4	359.6	350.5	345.9	350.5	327.7	291.3
52.5°	623.5	637.2	632.6	623.5	605.3	582.6	564.4	546.2	528.0	491.5	450.6
50°	810.1	814.7	810.1	801.0	782.8	760.1	723.7	682.7	646.3	637.2	600.8
47.5°	1019.5	1033.2	1033.2	1028.6	1015.0	974.0	919.4	860.2	832.9	823.8	787.4
45°	1206.1	1215.2	1219.8	1224.3	1219.8	1178.8	1128.7	1096.9	1037.7	1019.5	1019.5
42.5°	1256.2	1260.7	1265.3	1269.8	1283.5	1251.6	1210.7	1156.1	1142.4	1137.8	1128.7
40°	1274.4	1265.3	1269.8	1274.4	1278.9	1256.2	1224.3	1192.5	1183.4	1174.3	1174.3
37.5°	1447.3	1406.4	1374.5	1347.2	1324.5	1301.7	1269.8	1242.5	1219.8	1201.6	1219.8
35°	1233.4	1233.4	1265.3	1292.6	1319.9	1347.2	1351.8	1319.9	1269.8	1247.1	1278.9
32.5°	1260.7	1260.7	1260.7	1269.8	1278.9	1301.7	1324.5	1338.1	1374.5	1333.6	1333.6
30°	1288.0	1292.6	1301.7	1306.2	1292.6	1283.5	1274.4	1274.4	1297.1	1356.3	1388.2
27.5°	1447.3	1447.3	1433.7	1415.5	1374.5	1310.8	1278.9	1233.4	1238.0	1265.3	1342.7
25°	1706.8	1697.7	1665.8	1620.3	1547.5	1456.4	1370.0	1274.4	1233.4	1219.8	1251.6
22.5°	1952.5	1938.9	1897.9	1857.0	1797.8	1706.8	1561.1	1415.5	1288.0	1233.4	1219.8
20°	2266.6	2234.7	2189.2	2125.5	2029.9	1938.9	1811.5	1620.3	1433.7	1292.6	1238.0
17.5°	2771.8	2730.8	2644.4	2530.6	2366.7	2225.6	2043.6	1861.5	1652.2	1424.6	1301.7
15°	3877.8	3773.1	3622.9	3308.9	2985.7	2717.2	2444.1	2139.2	1925.2	1624.8	1438.2
12.5°	6098.9	5812.1	5375.2	4642.4	3918.7	3295.2	2853.7	2462.3	2116.4	1838.8	1574.8
10°	10322.5	9708.1	8502.0	6499.4	5165.8	4018.9	3226.9	2703.5	2266.6	1979.9	1688.6
7.5°	26106.7	21295.9	15069.6	10290.7	6758.8	4910.9	3691.2	2931.1	2425.9	2070.9	1779.6
5°	101750.7	83818.3	44712.8	18660.7	10167.8	5939.6	4109.9	3113.1	2530.6	2139.2	1847.9
2.5°	322925.3	278867.9	146308.8	40170.5	12484.4	6690.5	4396.6	3226.9	2589.7	2189.2	1897.9
0°	463849.8	397536.1	205335.7	52832.5	13540.4	6881.7	4487.7	3249.7	2598.8	2198.3	1897.9
-2.5°	424343.8	371383.9	198353.9	49164.1	13836.2	6936.3	4560.5	3327.1	2667.1	2239.3	1911.6
-5°	252142.1	221165.4	138366.6	35054.8	12293.3	6440.2	4369.3	3258.8	2621.6	2216.5	1902.5
-7.5°	66432.0	57511.3	37831.1	18292.0	7955.8	5448.0	4014.3	3145.0	2562.4	2175.6	1866.1
-10°	16016.3	15178.9	13558.6	8310.8	6194.4	4551.4	3559.2	2940.2	2444.1	2120.9	1806.9
-12.5°	7723.7	7541.6	6845.3	5643.7	4596.9	3782.2	3222.4	2726.3	2334.9	2025.4	1725.0
-15°	5024.7	4920.0	4683.4	4223.7	3691.2	3299.8	2908.3	2507.8	2198.3	1884.3	1656.7
-17.5°	3718.5	3713.9	3595.6	3422.6	3158.7	2867.4	2580.6	2325.8	2025.4	1756.8	1583.9
-20°	3081.3	3081.3	3013.0	2899.2	2712.6	2521.5	2330.3	2093.6	1847.9	1647.6	1574.8

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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°	2617.0	2621.6	2585.2	2512.4	2412.2	2252.9	2066.3	1875.2	1697.7	1624.8	1602.1
-25°	2316.7	2307.6	2266.6	2198.3	2093.6	1966.2	1843.3	1715.9	1665.8	1647.6	1679.5
-27.5°	1961.6	1975.3	1957.1	1925.2	1857.0	1765.9	1738.6	1702.2	1711.3	1738.6	1861.5
-30°	1752.3	1765.9	1784.1	1797.8	1775.0	1752.3	1761.4	1788.7	1847.9	1952.5	1998.1
-32.5°	1752.3	1756.8	1784.1	1811.5	1825.1	1843.3	1893.4	1984.4	2070.9	2043.6	2034.5
-35°	1911.6	1897.9	1934.3	1970.7	2020.8	2084.5	2139.2	2120.9	2089.1	2080.0	2089.1
-37.5°	2366.7	2280.2	2243.8	2221.1	2207.4	2198.3	2184.7	2171.0	2157.4	2148.3	2161.9
-40°	2362.2	2339.4	2316.7	2298.4	2284.8	2266.6	2257.5	2252.9	2239.3	2230.2	2221.1
-42.5°	2353.1	2362.2	2362.2	2357.6	2362.2	2357.6	2344.0	2325.8	2303.0	2284.8	2266.6
-45°	2421.3	2425.9	2435.0	2444.1	2457.7	2439.5	2412.2	2380.4	2348.5	2321.2	2298.4
-47.5°	2462.3	2466.9	2476.0	2489.6	2498.7	2480.5	2444.1	2403.1	2353.1	2307.6	2262.0
-50°	2476.0	2489.6	2494.2	2494.2	2489.6	2466.9	2412.2	2353.1	2298.4	2252.9	2212.0
-52.5°	2412.2	2425.9	2430.4	2421.3	2416.8	2394.0	2344.0	2289.3	2230.2	2198.3	2161.9
-55°	2307.6	2325.8	2339.4	2339.4	2339.4	2334.9	2289.3	2239.3	2193.8	2157.4	2120.9
-57.5°	2266.6	2298.4	2325.8	2330.3	2334.9	2339.4	2307.6	2257.5	2202.9	2148.3	2102.7
-60°	2416.8	2444.1	2457.7	2439.5	2425.9	2412.2	2362.2	2303.0	2248.4	2193.8	2107.3
-62.5°	2375.8	2421.3	2444.1	2430.4	2412.2	2389.5	2334.9	2266.6	2202.9	2143.7	2057.2
-65°	2243.8	2284.8	2312.1	2289.3	2262.0	2230.2	2180.1	2116.4	2057.2	1998.1	1920.7
-67.5°	2020.8	2080.0	2125.5	2075.4	2039.0	1998.1	1957.1	1902.5	1843.3	1775.0	1702.2
-70°	1670.4	1715.9	1756.8	1743.2	1734.1	1725.0	1697.7	1643.0	1593.0	1538.4	1474.6
-72.5°	1342.7	1383.6	1420.0	1397.3	1379.1	1351.8	1310.8	1251.6	1192.5	1133.3	1074.1
-75°	741.9	755.5	769.2	764.6	764.6	764.6	764.6	769.2	760.1	746.4	719.1
-77.5°	568.9	587.1	600.8	609.9	623.5	641.7	655.4	632.6	609.9	587.1	559.8
-80°	446.0	464.2	477.9	528.0	564.4	605.3	632.6	600.8	568.9	541.6	518.9
-82.5°	336.8	350.5	364.1	391.4	409.6	432.4	450.6	450.6	446.0	441.5	427.8
-85°	245.8	264.0	282.2	291.3	304.9	304.9	309.5	291.3	273.1	259.4	241.2
-87.5°	141.1	145.6	145.6	145.6	150.2	150.2	150.2	141.1	136.5	127.4	122.9
-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°	27.3	27.3	27.3	31.9	31.9	36.4	41.0	45.5	50.1	50.1	54.6
82.5°	45.5	50.1	54.6	59.2	63.7	68.3	72.8	77.4	91.0	100.1	104.7
80°	45.5	50.1	63.7	72.8	81.9	91.0	91.0	91.0	91.0	95.6	104.7
77.5°	31.9	36.4	41.0	50.1	72.8	91.0	104.7	113.8	104.7	100.1	91.0
75°	18.2	22.8	27.3	31.9	45.5	63.7	86.5	109.2	127.4	122.9	113.8
72.5°	18.2	18.2	22.8	27.3	31.9	36.4	41.0	63.7	91.0	113.8	127.4
70°	18.2	22.8	22.8	27.3	31.9	36.4	41.0	50.1	63.7	91.0	118.3
67.5°	18.2	22.8	22.8	31.9	41.0	45.5	50.1	45.5	41.0	59.2	86.5
65°	18.2	18.2	22.8	27.3	31.9	36.4	50.1	50.1	45.5	45.5	45.5
62.5°	27.3	27.3	27.3	27.3	31.9	31.9	31.9	41.0	41.0	41.0	41.0
60°	54.6	50.1	50.1	50.1	50.1	41.0	41.0	41.0	36.4	41.0	36.4
57.5°	132.0	109.2	100.1	100.1	86.5	81.9	68.3	50.1	50.1	41.0	41.0
55°	268.5	254.9	213.9	177.5	159.3	141.1	109.2	91.0	68.3	54.6	50.1
52.5°	414.2	377.8	341.4	295.8	250.3	213.9	182.1	141.1	113.8	81.9	63.7
50°	541.6	509.8	468.8	418.7	359.6	314.0	268.5	213.9	168.4	127.4	91.0
47.5°	737.3	673.6	623.5	564.4	496.1	432.4	373.2	309.5	236.7	186.6	141.1
45°	946.7	855.7	787.4	732.8	641.7	555.3	487.0	418.7	332.3	245.8	191.2
42.5°	1092.3	1024.1	933.0	860.2	778.3	687.3	596.2	523.4	432.4	332.3	245.8
40°	1169.7	1124.2	1051.4	987.7	901.2	801.0	705.5	632.6	537.1	427.8	309.5
37.5°	1228.9	1206.1	1169.7	1119.6	1037.7	919.4	823.8	737.3	655.4	528.0	400.5
35°	1297.1	1292.6	1269.8	1247.1	1178.8	1065.0	951.2	851.1	751.0	632.6	491.5
32.5°	1360.9	1356.3	1342.7	1333.6	1306.2	1206.1	1083.2	969.4	855.7	732.8	578.0
30°	1392.7	1383.6	1383.6	1392.7	1365.4	1301.7	1210.7	1087.8	960.3	814.7	669.1
27.5°	1392.7	1383.6	1388.2	1401.8	1397.3	1365.4	1297.1	1197.0	1055.9	892.1	751.0
25°	1333.6	1379.1	1379.1	1397.3	1401.8	1392.7	1356.3	1292.6	1146.9	974.0	814.7
22.5°	1251.6	1360.9	1401.8	1397.3	1401.8	1424.6	1429.1	1370.0	1233.4	1055.9	878.4
20°	1251.6	1329.0	1447.3	1415.5	1424.6	1474.6	1497.4	1447.3	1324.5	1133.3	942.1
17.5°	1278.9	1329.0	1429.1	1479.2	1492.9	1533.8	1570.2	1538.4	1406.4	1215.2	1028.6
15°	1356.3	1347.2	1415.5	1538.4	1561.1	1593.0	1633.9	1597.5	1479.2	1306.2	1110.5
12.5°	1410.9	1360.9	1415.5	1547.5	1620.3	1652.2	1665.8	1638.5	1542.9	1388.2	1192.5
10°	1483.8	1397.3	1424.6	1538.4	1643.0	1665.8	1679.5	1670.4	1602.1	1456.4	1265.3
7.5°	1538.4	1415.5	1415.5	1524.7	1665.8	1684.0	1693.1	1702.2	1652.2	1515.6	1329.0
5°	1561.1	1415.5	1406.4	1511.1	1688.6	1706.8	1706.8	1720.4	1688.6	1561.1	1374.5
2.5°	1565.7	1410.9	1397.3	1502.0	1729.5	1729.5	1720.4	1734.1	1715.9	1588.4	1406.4
0°	1588.4	1406.4	1392.7	1515.6	1775.0	1756.8	1734.1	1738.6	1729.5	1602.1	1424.6
-2.5°	1588.4	1429.1	1410.9	1524.7	1770.5	1765.9	1756.8	1761.4	1752.3	1643.0	1461.0
-5°	1611.2	1461.0	1442.8	1565.7	1765.9	1779.6	1784.1	1784.1	1770.5	1670.4	1483.8
-7.5°	1615.7	1483.8	1479.2	1606.6	1775.0	1797.8	1811.5	1820.6	1793.2	1688.6	1502.0
-10°	1593.0	1492.9	1515.6	1656.7	1784.1	1816.0	1843.3	1857.0	1811.5	1697.7	1511.1
-12.5°	1542.9	1492.9	1552.0	1720.4	1806.9	1843.3	1884.3	1888.8	1829.7	1702.2	1515.6
-15°	1538.4	1529.3	1615.7	1784.1	1820.6	1866.1	1929.8	1916.1	1843.3	1702.2	1515.6
-17.5°	1533.8	1579.3	1711.3	1806.9	1843.3	1893.4	1943.4	1929.8	1852.4	1702.2	1506.5
-20°	1574.8	1661.3	1825.1	1829.7	1870.6	1925.2	1952.5	1925.2	1838.8	1688.6	1492.9

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CATALOG NUMBER: IFLD-L-SA8C-827-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°	1643.0	1806.9	1861.5	1879.7	1916.1	1957.1	1970.7	1929.8	1825.1	1665.8	1470.1
-25°	1816.0	1897.9	1897.9	1938.9	1975.3	1993.5	1979.9	1934.3	1806.9	1643.0	1447.3
-27.5°	1948.0	1943.4	1966.2	2007.2	2039.0	2039.0	2002.6	1911.6	1779.6	1620.3	1415.5
-30°	1998.1	2002.6	2034.5	2080.0	2089.1	2066.3	2011.7	1893.4	1756.8	1583.9	1374.5
-32.5°	2048.1	2066.3	2107.3	2130.0	2134.6	2089.1	1989.0	1861.5	1720.4	1542.9	1329.0
-35°	2107.3	2143.7	2166.5	2171.0	2148.3	2070.9	1957.1	1820.6	1665.8	1483.8	1288.0
-37.5°	2184.7	2202.9	2216.5	2198.3	2134.6	2043.6	1902.5	1765.9	1615.7	1420.0	1228.9
-40°	2234.7	2243.8	2248.4	2189.2	2111.8	1979.9	1843.3	1702.2	1529.3	1347.2	1165.2
-42.5°	2266.6	2257.5	2221.1	2157.4	2043.6	1916.1	1784.1	1624.8	1451.9	1274.4	1096.9
-45°	2257.5	2225.6	2171.0	2093.6	1975.3	1847.9	1693.1	1533.8	1370.0	1197.0	1019.5
-47.5°	2221.1	2171.0	2102.7	2011.7	1902.5	1747.7	1593.0	1438.2	1278.9	1110.5	946.7
-50°	2175.6	2116.4	2034.5	1920.7	1775.0	1633.9	1492.9	1342.7	1178.8	1024.1	878.4
-52.5°	2125.5	2061.8	1957.1	1829.7	1670.4	1524.7	1388.2	1242.5	1092.3	946.7	819.2
-55°	2070.9	2007.2	1888.8	1743.2	1583.9	1424.6	1292.6	1169.7	1024.1	883.0	769.2
-57.5°	2043.6	1961.6	1838.8	1693.1	1524.7	1360.9	1247.1	1115.1	983.1	837.5	728.2
-60°	2020.8	1938.9	1825.1	1656.7	1497.4	1342.7	1210.7	1083.2	942.1	805.6	696.4
-62.5°	1957.1	1870.6	1765.9	1602.1	1447.3	1306.2	1187.9	1037.7	901.2	773.7	673.6
-65°	1829.7	1738.6	1647.6	1502.0	1360.9	1228.9	1110.5	974.0	846.6	737.3	650.8
-67.5°	1629.4	1552.0	1470.1	1347.2	1228.9	1110.5	1001.3	883.0	778.3	700.9	655.4
-70°	1406.4	1324.5	1242.5	1142.4	1042.3	946.7	860.2	773.7	705.5	664.5	628.1
-72.5°	1024.1	987.7	946.7	869.3	787.4	728.2	687.3	650.8	600.8	564.4	541.6
-75°	682.7	632.6	568.9	541.6	546.2	537.1	514.3	487.0	464.2	450.6	418.7
-77.5°	532.5	505.2	473.3	441.5	427.8	414.2	396.0	373.2	355.0	323.1	277.6
-80°	491.5	468.8	446.0	423.3	400.5	368.7	332.3	295.8	277.6	264.0	259.4
-82.5°	405.1	377.8	350.5	327.7	295.8	273.1	250.3	232.1	232.1	227.6	223.0
-85°	232.1	223.0	209.4	200.3	191.2	177.5	163.8	154.7	150.2	145.6	141.1
-87.5°	118.3	113.8	104.7	100.1	95.6	91.0	81.9	77.4	72.8	72.8	68.3
-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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CATALOG NUMBER: IFLD-L-SA8C-827-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°	54.6	45.5	41.0	36.4	36.4	27.3	18.2	13.7	9.1	4.6	4.6
82.5°	104.7	91.0	77.4	68.3	54.6	41.0	31.9	22.8	13.7	9.1	4.6
80°	118.3	118.3	113.8	95.6	77.4	59.2	41.0	27.3	18.2	13.7	9.1
77.5°	91.0	100.1	100.1	100.1	95.6	72.8	50.1	31.9	18.2	13.7	9.1
75°	104.7	91.0	86.5	91.0	86.5	72.8	59.2	36.4	22.8	18.2	9.1
72.5°	127.4	109.2	95.6	91.0	81.9	68.3	54.6	41.0	22.8	18.2	13.7
70°	118.3	113.8	104.7	95.6	81.9	68.3	54.6	41.0	27.3	18.2	13.7
67.5°	104.7	104.7	104.7	95.6	81.9	63.7	50.1	36.4	27.3	18.2	13.7
65°	72.8	86.5	95.6	91.0	81.9	63.7	50.1	36.4	27.3	22.8	13.7
62.5°	45.5	59.2	77.4	86.5	77.4	63.7	45.5	36.4	27.3	22.8	13.7
60°	41.0	45.5	54.6	68.3	72.8	59.2	45.5	31.9	27.3	22.8	13.7
57.5°	41.0	41.0	45.5	54.6	59.2	54.6	41.0	27.3	27.3	22.8	18.2
55°	45.5	41.0	41.0	45.5	50.1	50.1	41.0	27.3	27.3	22.8	18.2
52.5°	54.6	45.5	41.0	41.0	41.0	45.5	36.4	27.3	27.3	22.8	18.2
50°	68.3	54.6	50.1	41.0	41.0	41.0	36.4	27.3	22.8	22.8	18.2
47.5°	91.0	72.8	54.6	50.1	41.0	36.4	31.9	27.3	22.8	22.8	18.2
45°	136.5	86.5	72.8	54.6	45.5	41.0	36.4	27.3	22.8	22.8	18.2
42.5°	186.6	127.4	91.0	63.7	50.1	41.0	36.4	31.9	22.8	22.8	18.2
40°	236.7	173.0	113.8	81.9	59.2	45.5	36.4	31.9	27.3	22.8	18.2
37.5°	291.3	213.9	150.2	104.7	68.3	50.1	41.0	31.9	27.3	22.8	18.2
35°	359.6	268.5	186.6	127.4	81.9	59.2	45.5	31.9	27.3	22.8	18.2
32.5°	436.9	318.6	223.0	154.7	104.7	72.8	50.1	36.4	27.3	22.8	18.2
30°	509.8	377.8	264.0	186.6	127.4	81.9	54.6	36.4	27.3	22.8	13.7
27.5°	582.6	436.9	314.0	218.5	154.7	95.6	59.2	41.0	27.3	22.8	18.2
25°	655.4	496.1	364.1	250.3	177.5	113.8	72.8	45.5	27.3	22.8	18.2
22.5°	719.1	555.3	409.6	286.7	204.8	132.0	81.9	50.1	31.9	22.8	18.2
20°	791.9	619.0	459.7	327.7	227.6	150.2	91.0	54.6	31.9	22.8	18.2
17.5°	860.2	682.7	509.8	364.1	254.9	168.4	104.7	59.2	36.4	22.8	18.2
15°	928.5	741.9	555.3	400.5	282.2	186.6	113.8	63.7	41.0	22.8	18.2
12.5°	992.2	796.5	596.2	432.4	304.9	204.8	122.9	68.3	45.5	22.8	18.2
10°	1051.4	846.6	637.2	459.7	327.7	218.5	132.0	77.4	50.1	22.8	18.2
7.5°	1110.5	887.5	669.1	487.0	355.0	236.7	141.1	81.9	54.6	27.3	18.2
5°	1146.9	923.9	696.4	509.8	377.8	254.9	150.2	86.5	59.2	27.3	18.2
2.5°	1178.8	951.2	714.6	532.5	400.5	268.5	150.2	91.0	63.7	27.3	18.2
0°	1197.0	969.4	728.2	546.2	418.7	277.6	154.7	95.6	68.3	27.3	18.2
-2.5°	1238.0	1001.3	760.1	564.4	436.9	304.9	163.8	100.1	72.8	31.9	18.2
-5°	1265.3	1019.5	782.8	582.6	450.6	332.3	177.5	109.2	81.9	41.0	22.8
-7.5°	1288.0	1037.7	801.0	591.7	464.2	341.4	182.1	113.8	86.5	45.5	22.8
-10°	1292.6	1046.8	814.7	605.3	473.3	355.0	186.6	118.3	91.0	50.1	22.8
-12.5°	1297.1	1055.9	819.2	614.4	482.4	364.1	191.2	122.9	95.6	54.6	22.8
-15°	1292.6	1051.4	819.2	623.5	487.0	355.0	200.3	127.4	100.1	59.2	22.8
-17.5°	1283.5	1046.8	814.7	619.0	482.4	345.9	204.8	136.5	100.1	63.7	27.3
-20°	1269.8	1033.2	805.6	614.4	477.9	336.8	209.4	141.1	104.7	63.7	27.3

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CATALOG NUMBER: IFLD-L-SA8C-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1247.1	1010.4	787.4	600.8	468.8	327.7	209.4	150.2	109.2	63.7	27.3
-25°	1219.8	987.7	769.2	582.6	455.1	314.0	209.4	154.7	113.8	63.7	27.3
-27.5°	1187.9	964.9	741.9	568.9	436.9	304.9	209.4	159.3	118.3	63.7	27.3
-30°	1151.5	933.0	719.1	546.2	423.3	304.9	213.9	163.8	122.9	63.7	27.3
-32.5°	1115.1	901.2	691.8	528.0	405.1	300.4	213.9	168.4	127.4	59.2	31.9
-35°	1074.1	864.8	669.1	514.3	391.4	291.3	218.5	168.4	122.9	59.2	31.9
-37.5°	1024.1	819.2	646.3	500.7	382.3	282.2	218.5	173.0	118.3	59.2	31.9
-40°	969.4	782.8	619.0	482.4	368.7	277.6	218.5	173.0	113.8	59.2	36.4
-42.5°	910.3	741.9	591.7	464.2	355.0	273.1	218.5	173.0	109.2	59.2	36.4
-45°	855.7	700.9	559.8	441.5	341.4	273.1	218.5	168.4	100.1	63.7	36.4
-47.5°	796.5	655.4	523.4	418.7	336.8	268.5	213.9	159.3	91.0	63.7	36.4
-50°	746.4	609.9	496.1	396.0	327.7	273.1	218.5	145.6	91.0	63.7	36.4
-52.5°	696.4	578.0	464.2	386.9	318.6	277.6	213.9	136.5	91.0	63.7	36.4
-55°	655.4	546.2	446.0	373.2	327.7	286.7	204.8	122.9	91.0	63.7	36.4
-57.5°	623.5	528.0	432.4	377.8	341.4	277.6	191.2	118.3	91.0	59.2	36.4
-60°	600.8	509.8	436.9	396.0	345.9	264.0	182.1	118.3	91.0	59.2	31.9
-62.5°	582.6	514.3	459.7	409.6	327.7	245.8	173.0	118.3	81.9	54.6	31.9
-65°	587.1	532.5	468.8	391.4	314.0	227.6	159.3	113.8	77.4	50.1	31.9
-67.5°	600.8	518.9	441.5	368.7	282.2	204.8	145.6	104.7	72.8	50.1	31.9
-70°	555.3	477.9	400.5	314.0	241.2	177.5	136.5	95.6	63.7	45.5	31.9
-72.5°	500.7	400.5	318.6	254.9	204.8	163.8	122.9	86.5	59.2	41.0	27.3
-75°	364.1	291.3	236.7	213.9	182.1	145.6	109.2	77.4	54.6	41.0	27.3
-77.5°	259.4	241.2	218.5	195.7	163.8	127.4	95.6	72.8	50.1	36.4	22.8
-80°	254.9	232.1	204.8	168.4	136.5	109.2	81.9	63.7	45.5	31.9	18.2
-82.5°	213.9	182.1	154.7	127.4	104.7	86.5	68.3	50.1	36.4	22.8	13.7
-85°	132.0	113.8	100.1	86.5	72.8	59.2	45.5	31.9	22.8	13.7	9.1
-87.5°	63.7	59.2	50.1	41.0	36.4	27.3	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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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-827-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)