

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: P723660

Luminaire Tested: **IFLD-L-SA8C-727-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723660
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8C-727-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (128) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	22430.4 lumens	Max Intensity:	527707.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	53.4 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:	8134.2 lumens	Field Lumens:	12967.4 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

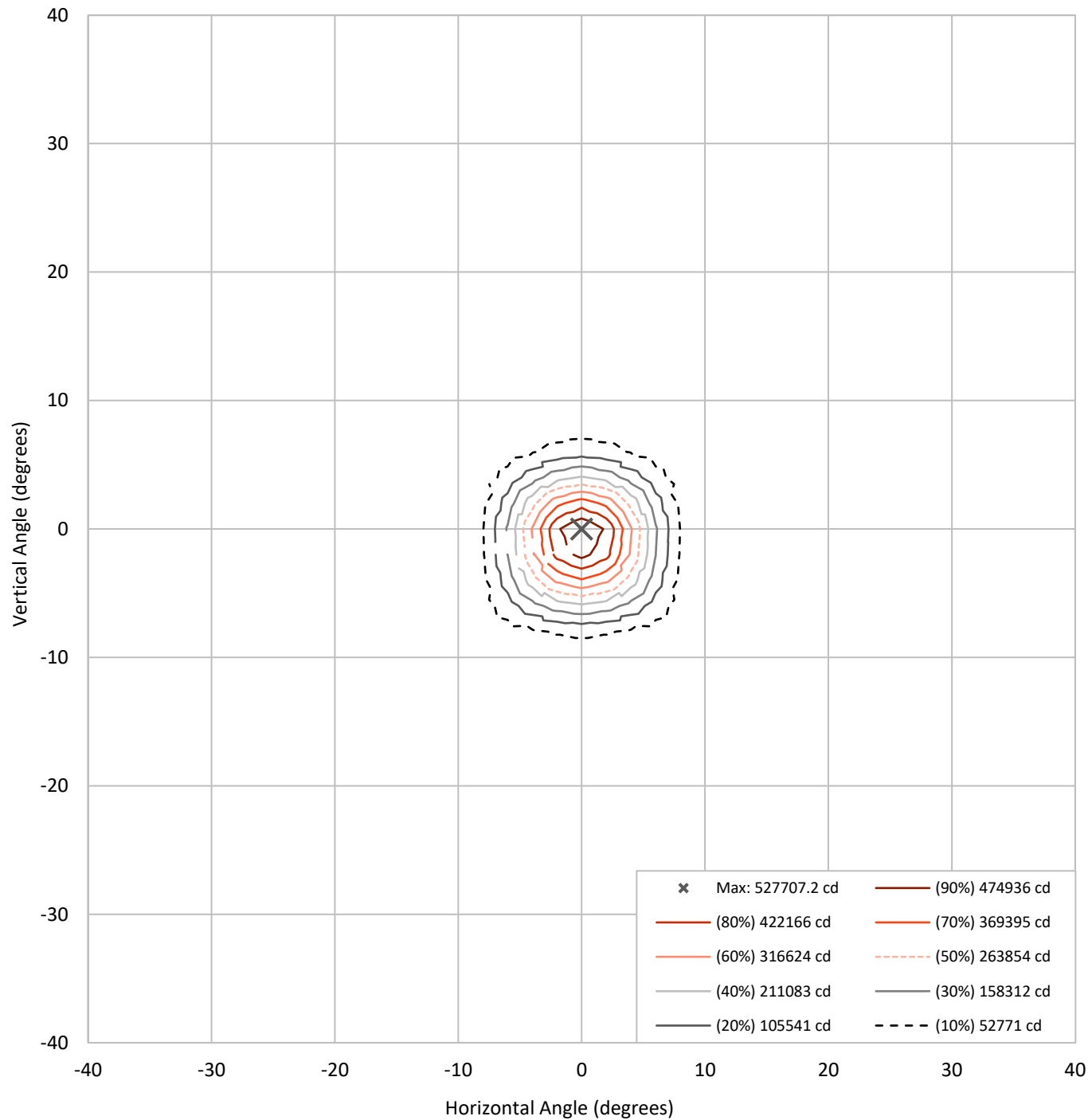
Input Watts (W): 420.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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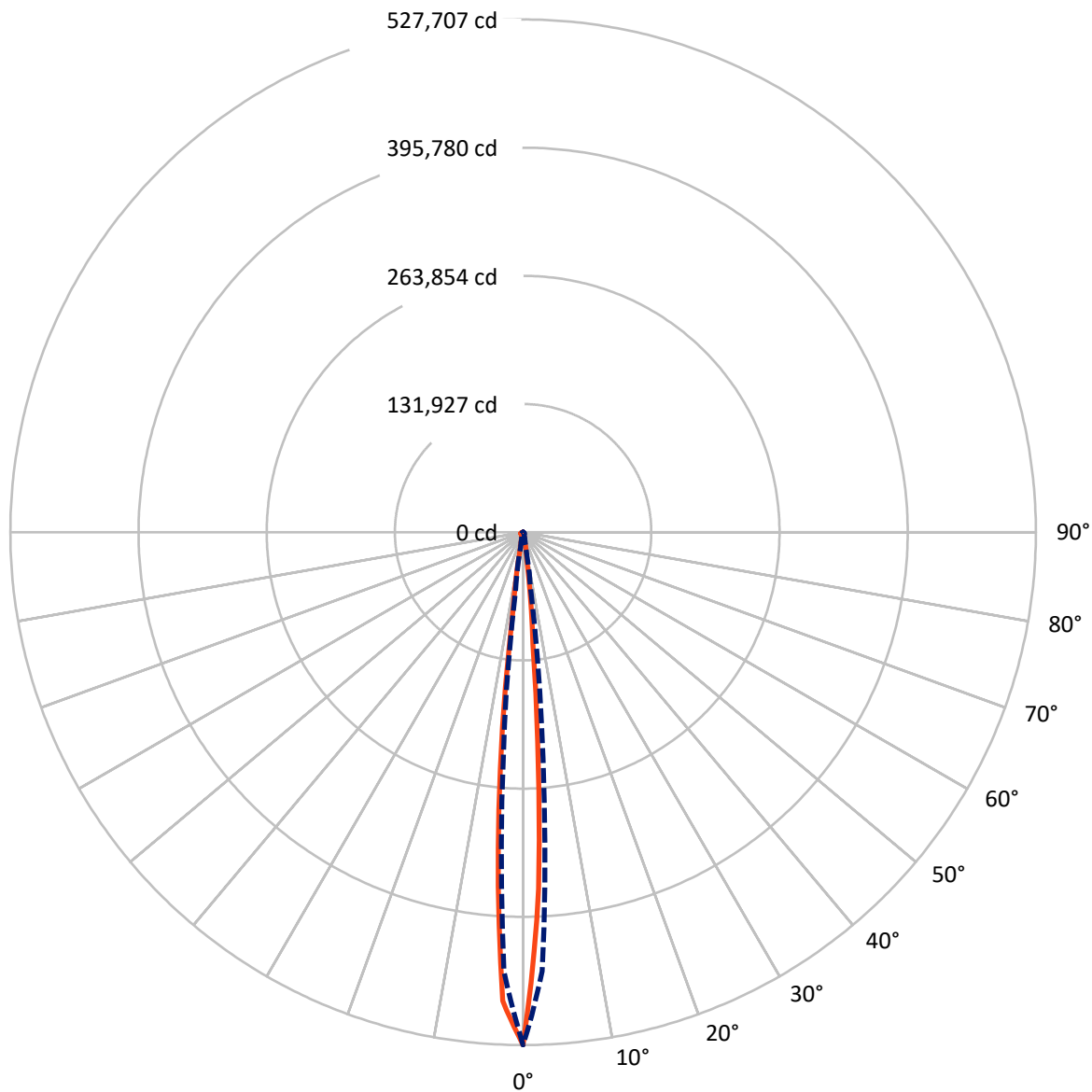
Lumen Table

90																				
80	0.4	5.0		5.4		2.1		0.6		2.1		5.4		5.0		0.4				
70																				
60	0.6	1.1	1.4	1.1	0.9	0.7	0.6	0.3	0.3	0.6	0.7	0.9	1.1	1.4	1.1	0.6				
50		0.7	1.0	2.6	5.8	9.4	12.1	13.9	13.9	12.1	9.4	5.8	2.6	1.0	0.7					
40	0.6	0.7	3.1	10.2	20.1	29.4	35.4	39.2	39.2	35.4	29.4	20.1	10.2	3.1	0.7	0.6				
30		1.5	7.8	21.0	34.1	40.1	43.3	44.8	44.8	43.3	40.1	34.1	21.0	7.8	1.5					
20	0.9	2.9	13.3	30.5	39.5	40.7	48.0	57.8	57.8	48.0	40.7	39.5	30.5	13.3	2.9	0.9				
10		4.6	18.7	37.5	42.1	47.5	83.5	142.4	142.4	83.5	47.5	42.1	37.5	18.7	4.6					
0	1.5	5.9	22.9	41.2	43.7	58.7	158.9	2944.6	2944.6	158.9	58.7	43.7	41.2	22.9	5.9	1.5				
-10		6.9	25.0	43.3	45.3	60.7	171.2	4293.4	4293.4	171.2	60.7	45.3	43.3	25.0	6.9					
-20	2.2	7.4	25.7	45.6	49.0	54.7	99.5	191.0	191.0	99.5	54.7	49.0	45.6	25.7	7.4	2.2				
-30		7.0	24.4	46.2	55.0	55.1	64.4	78.6	78.6	64.4	55.1	55.0	46.2	24.4	7.0					
-40	2.4	6.2	21.6	44.1	60.6	66.0	68.7	69.3	69.3	68.7	66.0	60.6	44.1	21.6	6.2	2.4				
-50		5.4	17.4	37.5	58.4	71.0	79.6	83.4	83.4	79.6	71.0	58.4	37.5	17.4	5.4					
-60	1.9	4.9	13.4	29.0	49.8	66.9	77.7	82.2	82.2	77.7	66.9	49.8	29.0	13.4	4.9	1.9				
-70		4.6	11.8	23.7	41.5	58.5	70.8	76.5	76.5	70.8	58.5	41.5	23.7	11.8	4.6					
-80	0.9	13.9		41.3		76.5		84.5		76.5		41.3		13.9		0.9				
-90																				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	
	Horizontal Angle (degrees)																			

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Luminous Intensity Polar Plot



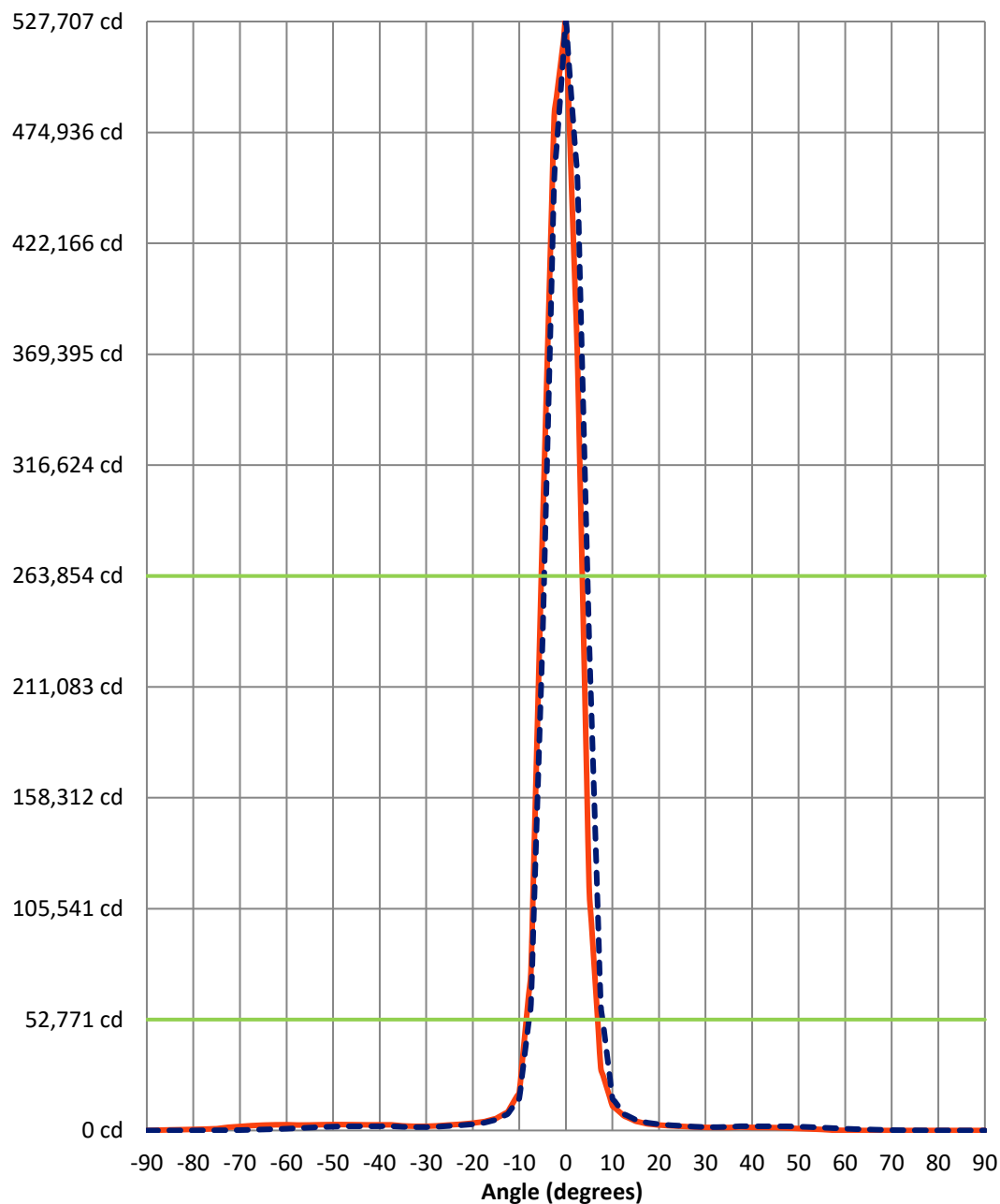
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 8134.2

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 12967.4

Efficiency: 57.8%

Spill:

Lumens: 9462.9

Efficiency: 42.2%

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FIELD

BEAM

CANDELA DISTRIBUTION:

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
85°	0.0	5.2	5.2	10.4	10.4	10.4	15.5	20.7	25.9	25.9	31.1
82.5°	0.0	5.2	5.2	10.4	10.4	15.5	15.5	25.9	31.1	36.2	46.6
80°	5.2	5.2	5.2	10.4	10.4	15.5	15.5	20.7	25.9	36.2	41.4
77.5°	0.0	5.2	5.2	5.2	10.4	10.4	10.4	15.5	20.7	25.9	31.1
75°	0.0	5.2	5.2	5.2	10.4	10.4	10.4	10.4	15.5	15.5	20.7
72.5°	0.0	0.0	0.0	5.2	5.2	10.4	10.4	10.4	15.5	15.5	15.5
70°	0.0	0.0	0.0	5.2	5.2	10.4	10.4	10.4	15.5	15.5	15.5
67.5°	0.0	0.0	0.0	5.2	5.2	10.4	10.4	10.4	15.5	15.5	15.5
65°	0.0	0.0	0.0	5.2	5.2	10.4	10.4	15.5	15.5	15.5	15.5
62.5°	5.2	5.2	5.2	10.4	15.5	15.5	20.7	25.9	25.9	25.9	25.9
60°	51.8	57.0	62.1	62.1	57.0	57.0	62.1	62.1	62.1	62.1	62.1
57.5°	139.8	150.2	155.3	155.3	155.3	150.2	170.9	176.1	155.3	145.0	160.5
55°	486.7	502.3	491.9	476.4	445.3	409.1	398.7	393.5	398.7	372.8	331.4
52.5°	709.4	724.9	719.7	709.4	688.7	662.8	642.1	621.4	600.6	559.2	512.6
50°	921.7	926.9	921.7	911.3	890.6	864.7	823.3	776.7	735.3	724.9	683.5
47.5°	1159.9	1175.4	1175.4	1170.2	1154.7	1108.1	1045.9	978.6	947.6	937.2	895.8
45°	1372.2	1382.5	1387.7	1392.9	1387.7	1341.1	1284.1	1247.9	1180.6	1159.9	1159.9
42.5°	1429.1	1434.3	1439.5	1444.7	1460.2	1423.9	1377.3	1315.2	1299.7	1294.5	1284.1
40°	1449.8	1439.5	1444.7	1449.8	1455.0	1429.1	1392.9	1356.6	1346.3	1335.9	1335.9
37.5°	1646.6	1600.0	1563.7	1532.7	1506.8	1480.9	1444.7	1413.6	1387.7	1367.0	1387.7
35°	1403.2	1403.2	1439.5	1470.5	1501.6	1532.7	1537.9	1501.6	1444.7	1418.8	1455.0
32.5°	1434.3	1434.3	1434.3	1444.7	1455.0	1480.9	1506.8	1522.3	1563.7	1517.1	1517.1
30°	1465.4	1470.5	1480.9	1486.1	1470.5	1460.2	1449.8	1449.8	1475.7	1543.0	1579.3
27.5°	1646.6	1646.6	1631.1	1610.3	1563.7	1491.3	1455.0	1403.2	1408.4	1439.5	1527.5
25°	1941.7	1931.4	1895.1	1843.4	1760.5	1656.9	1558.6	1449.8	1403.2	1387.7	1423.9
22.5°	2221.3	2205.8	2159.2	2112.6	2045.3	1941.7	1776.0	1610.3	1465.4	1403.2	1387.7
20°	2578.6	2542.4	2490.6	2418.1	2309.4	2205.8	2060.8	1843.4	1631.1	1470.5	1408.4
17.5°	3153.4	3106.8	3008.4	2878.9	2692.5	2532.0	2324.9	2117.8	1879.6	1620.7	1480.9
15°	4411.6	4292.5	4121.7	3764.4	3396.7	3091.2	2780.6	2433.6	2190.3	1848.5	1636.2
12.5°	6938.5	6612.3	6115.2	5281.5	4458.2	3748.8	3246.6	2801.3	2407.8	2091.9	1791.6
10°	11743.6	11044.6	9672.4	7394.1	5877.0	4572.1	3671.2	3075.7	2578.6	2252.4	1921.0
7.5°	29700.8	24227.7	17144.2	11707.4	7689.3	5587.0	4199.3	3334.6	2759.9	2356.0	2024.6
5°	115758.6	95357.4	50868.3	21229.7	11567.6	6757.2	4675.7	3541.7	2878.9	2433.6	2102.3
2.5°	367381.8	317259.1	166450.9	45700.7	14203.2	7611.6	5001.9	3671.2	2946.3	2490.6	2159.2
0°	527707.2	452264.2	233603.9	60105.8	15404.4	7829.1	5105.5	3697.1	2956.6	2501.0	2159.2
-2.5°	482762.5	422511.7	225660.9	55932.4	15741.0	7891.2	5188.3	3785.1	3034.3	2547.6	2174.7
-5°	286854.1	251612.9	157415.3	39880.7	13985.7	7326.8	4970.8	3707.4	2982.5	2521.7	2164.4
-7.5°	75577.6	65428.8	43039.3	20810.2	9051.1	6198.0	4567.0	3578.0	2915.2	2475.1	2123.0
-10°	18221.3	17268.5	15425.2	9455.0	7047.2	5178.0	4049.2	3345.0	2780.6	2412.9	2055.7
-12.5°	8787.0	8579.9	7787.7	6420.7	5229.7	4302.9	3666.0	3101.6	2656.3	2304.2	1962.4
-15°	5716.5	5597.4	5328.1	4805.2	4199.3	3754.0	3308.7	2853.1	2501.0	2143.7	1884.8
-17.5°	4230.4	4225.2	4090.6	3893.8	3593.5	3262.1	2935.9	2645.9	2304.2	1998.7	1801.9
-20°	3505.5	3505.5	3427.8	3298.4	3086.1	2868.6	2651.1	2381.9	2102.3	1874.4	1791.6

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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°	2977.3	2982.5	2941.1	2858.2	2744.3	2563.1	2350.8	2133.3	1931.4	1848.5	1822.6
-25°	2635.6	2625.2	2578.6	2501.0	2381.9	2236.9	2097.1	1952.1	1895.1	1874.4	1910.7
-27.5°	2231.7	2247.2	2226.5	2190.3	2112.6	2009.1	1978.0	1936.6	1946.9	1978.0	2117.8
-30°	1993.5	2009.1	2029.8	2045.3	2019.4	1993.5	2003.9	2034.9	2102.3	2221.3	2273.1
-32.5°	1993.5	1998.7	2029.8	2060.8	2076.4	2097.1	2154.0	2257.6	2356.0	2324.9	2314.6
-35°	2174.7	2159.2	2200.6	2242.1	2299.0	2371.5	2433.6	2412.9	2376.7	2366.3	2376.7
-37.5°	2692.5	2594.2	2552.7	2526.8	2511.3	2501.0	2485.4	2469.9	2454.4	2444.0	2459.5
-40°	2687.4	2661.5	2635.6	2614.9	2599.3	2578.6	2568.3	2563.1	2547.6	2537.2	2526.8
-42.5°	2677.0	2687.4	2687.4	2682.2	2687.4	2682.2	2666.7	2645.9	2620.1	2599.3	2578.6
-45°	2754.7	2759.9	2770.2	2780.6	2796.1	2775.4	2744.3	2708.1	2671.8	2640.8	2614.9
-47.5°	2801.3	2806.5	2816.8	2832.3	2842.7	2822.0	2780.6	2734.0	2677.0	2625.2	2573.4
-50°	2816.8	2832.3	2837.5	2837.5	2832.3	2806.5	2744.3	2677.0	2614.9	2563.1	2516.5
-52.5°	2744.3	2759.9	2765.0	2754.7	2749.5	2723.6	2666.7	2604.5	2537.2	2501.0	2459.5
-55°	2625.2	2645.9	2661.5	2661.5	2661.5	2656.3	2604.5	2547.6	2495.8	2454.4	2412.9
-57.5°	2578.6	2614.9	2645.9	2651.1	2656.3	2661.5	2625.2	2568.3	2506.1	2444.0	2392.2
-60°	2749.5	2780.6	2796.1	2775.4	2759.9	2744.3	2687.4	2620.1	2557.9	2495.8	2397.4
-62.5°	2702.9	2754.7	2780.6	2765.0	2744.3	2718.4	2656.3	2578.6	2506.1	2438.8	2340.4
-65°	2552.7	2599.3	2630.4	2604.5	2573.4	2537.2	2480.2	2407.8	2340.4	2273.1	2185.1
-67.5°	2299.0	2366.3	2418.1	2361.2	2319.7	2273.1	2226.5	2164.4	2097.1	2019.4	1936.6
-70°	1900.3	1952.1	1998.7	1983.2	1972.8	1962.4	1931.4	1869.2	1812.3	1750.2	1677.7
-72.5°	1527.5	1574.1	1615.5	1589.6	1568.9	1537.9	1491.3	1423.9	1356.6	1289.3	1222.0
-75°	844.0	859.5	875.1	869.9	869.9	869.9	869.9	875.1	864.7	849.2	818.1
-77.5°	647.2	668.0	683.5	693.8	709.4	730.1	745.6	719.7	693.8	668.0	636.9
-80°	507.4	528.2	543.7	600.6	642.1	688.7	719.7	683.5	647.2	616.2	590.3
-82.5°	383.2	398.7	414.2	445.3	466.0	491.9	512.6	512.6	507.4	502.3	486.7
-85°	279.6	300.3	321.0	331.4	346.9	346.9	352.1	331.4	310.7	295.1	274.4
-87.5°	160.5	165.7	165.7	165.7	170.9	170.9	170.9	160.5	155.3	145.0	139.8
-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°	5.2	5.2	5.2	10.4	10.4	15.5	15.5	20.7	20.7	25.9	25.9
85°	31.1	31.1	31.1	36.2	36.2	41.4	46.6	51.8	57.0	57.0	62.1
82.5°	51.8	57.0	62.1	67.3	72.5	77.7	82.8	88.0	103.6	113.9	119.1
80°	51.8	57.0	72.5	82.8	93.2	103.6	103.6	103.6	103.6	108.7	119.1
77.5°	36.2	41.4	46.6	57.0	82.8	103.6	119.1	129.4	119.1	113.9	103.6
75°	20.7	25.9	31.1	36.2	51.8	72.5	98.4	124.3	145.0	139.8	129.4
72.5°	20.7	20.7	25.9	31.1	36.2	41.4	46.6	72.5	103.6	129.4	145.0
70°	20.7	25.9	25.9	31.1	36.2	41.4	46.6	57.0	72.5	103.6	134.6
67.5°	20.7	25.9	25.9	36.2	46.6	51.8	57.0	51.8	46.6	67.3	98.4
65°	20.7	20.7	25.9	31.1	36.2	41.4	57.0	57.0	51.8	51.8	51.8
62.5°	31.1	31.1	31.1	31.1	36.2	36.2	36.2	46.6	46.6	46.6	46.6
60°	62.1	57.0	57.0	57.0	57.0	46.6	46.6	46.6	41.4	46.6	41.4
57.5°	150.2	124.3	113.9	113.9	98.4	93.2	77.7	57.0	57.0	46.6	46.6
55°	305.5	290.0	243.4	201.9	181.2	160.5	124.3	103.6	77.7	62.1	57.0
52.5°	471.2	429.8	388.3	336.6	284.8	243.4	207.1	160.5	129.4	93.2	72.5
50°	616.2	579.9	533.3	476.4	409.1	357.3	305.5	243.4	191.6	145.0	103.6
47.5°	838.8	766.3	709.4	642.1	564.4	491.9	424.6	352.1	269.3	212.3	160.5
45°	1077.0	973.5	895.8	833.7	730.1	631.7	554.0	476.4	378.0	279.6	217.5
42.5°	1242.7	1165.0	1061.5	978.6	885.4	781.9	678.3	595.5	491.9	378.0	279.6
40°	1330.7	1279.0	1196.1	1123.6	1025.2	911.3	802.6	719.7	611.0	486.7	352.1
37.5°	1398.1	1372.2	1330.7	1273.8	1180.6	1045.9	937.2	838.8	745.6	600.6	455.7
35°	1475.7	1470.5	1444.7	1418.8	1341.1	1211.6	1082.2	968.3	854.4	719.7	559.2
32.5°	1548.2	1543.0	1527.5	1517.1	1486.1	1372.2	1232.4	1102.9	973.5	833.7	657.6
30°	1584.5	1574.1	1574.1	1584.5	1553.4	1480.9	1377.3	1237.5	1092.6	926.9	761.2
27.5°	1584.5	1574.1	1579.3	1594.8	1589.6	1553.4	1475.7	1361.8	1201.3	1014.9	854.4
25°	1517.1	1568.9	1568.9	1589.6	1594.8	1584.5	1543.0	1470.5	1304.8	1108.1	926.9
22.5°	1423.9	1548.2	1594.8	1589.6	1594.8	1620.7	1625.9	1558.6	1403.2	1201.3	999.3
20°	1423.9	1512.0	1646.6	1610.3	1620.7	1677.7	1703.6	1646.6	1506.8	1289.3	1071.8
17.5°	1455.0	1512.0	1625.9	1682.8	1698.4	1745.0	1786.4	1750.2	1600.0	1382.5	1170.2
15°	1543.0	1532.7	1610.3	1750.2	1776.0	1812.3	1858.9	1817.5	1682.8	1486.1	1263.4
12.5°	1605.2	1548.2	1610.3	1760.5	1843.4	1879.6	1895.1	1864.1	1755.3	1579.3	1356.6
10°	1688.0	1589.6	1620.7	1750.2	1869.2	1895.1	1910.7	1900.3	1822.6	1656.9	1439.5
7.5°	1750.2	1610.3	1610.3	1734.6	1895.1	1915.8	1926.2	1936.6	1879.6	1724.3	1512.0
5°	1776.0	1610.3	1600.0	1719.1	1921.0	1941.7	1941.7	1957.3	1921.0	1776.0	1563.7
2.5°	1781.2	1605.2	1589.6	1708.7	1967.6	1967.6	1957.3	1972.8	1952.1	1807.1	1600.0
0°	1807.1	1600.0	1584.5	1724.3	2019.4	1998.7	1972.8	1978.0	1967.6	1822.6	1620.7
-2.5°	1807.1	1625.9	1605.2	1734.6	2014.2	2009.1	1998.7	2003.9	1993.5	1869.2	1662.1
-5°	1833.0	1662.1	1641.4	1781.2	2009.1	2024.6	2029.8	2029.8	2014.2	1900.3	1688.0
-7.5°	1838.2	1688.0	1682.8	1827.8	2019.4	2045.3	2060.8	2071.2	2040.1	1921.0	1708.7
-10°	1812.3	1698.4	1724.3	1884.8	2029.8	2066.0	2097.1	2112.6	2060.8	1931.4	1719.1
-12.5°	1755.3	1698.4	1765.7	1957.3	2055.7	2097.1	2143.7	2148.9	2081.5	1936.6	1724.3
-15°	1750.2	1739.8	1838.2	2029.8	2071.2	2123.0	2195.5	2179.9	2097.1	1936.6	1724.3
-17.5°	1745.0	1796.8	1946.9	2055.7	2097.1	2154.0	2211.0	2195.5	2107.4	1936.6	1713.9
-20°	1791.6	1890.0	2076.4	2081.5	2128.1	2190.3	2221.3	2190.3	2091.9	1921.0	1698.4

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CATALOG NUMBER: IFLD-L-SA8C-727-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°	1869.2	2055.7	2117.8	2138.5	2179.9	2226.5	2242.1	2195.5	2076.4	1895.1	1672.5
-25°	2066.0	2159.2	2159.2	2205.8	2247.2	2267.9	2252.4	2200.6	2055.7	1869.2	1646.6
-27.5°	2216.2	2211.0	2236.9	2283.5	2319.7	2319.7	2278.3	2174.7	2024.6	1843.4	1610.3
-30°	2273.1	2278.3	2314.6	2366.3	2376.7	2350.8	2288.7	2154.0	1998.7	1801.9	1563.7
-32.5°	2330.1	2350.8	2397.4	2423.3	2428.5	2376.7	2262.8	2117.8	1957.3	1755.3	1512.0
-35°	2397.4	2438.8	2464.7	2469.9	2444.0	2356.0	2226.5	2071.2	1895.1	1688.0	1465.4
-37.5°	2485.4	2506.1	2521.7	2501.0	2428.5	2324.9	2164.4	2009.1	1838.2	1615.5	1398.1
-40°	2542.4	2552.7	2557.9	2490.6	2402.6	2252.4	2097.1	1936.6	1739.8	1532.7	1325.6
-42.5°	2578.6	2568.3	2526.8	2454.4	2324.9	2179.9	2029.8	1848.5	1651.8	1449.8	1247.9
-45°	2568.3	2532.0	2469.9	2381.9	2247.2	2102.3	1926.2	1745.0	1558.6	1361.8	1159.9
-47.5°	2526.8	2469.9	2392.2	2288.7	2164.4	1988.3	1812.3	1636.2	1455.0	1263.4	1077.0
-50°	2475.1	2407.8	2314.6	2185.1	2019.4	1858.9	1698.4	1527.5	1341.1	1165.0	999.3
-52.5°	2418.1	2345.6	2226.5	2081.5	1900.3	1734.6	1579.3	1413.6	1242.7	1077.0	932.0
-55°	2356.0	2283.5	2148.9	1983.2	1801.9	1620.7	1470.5	1330.7	1165.0	1004.5	875.1
-57.5°	2324.9	2231.7	2091.9	1926.2	1734.6	1548.2	1418.8	1268.6	1118.4	952.7	828.5
-60°	2299.0	2205.8	2076.4	1884.8	1703.6	1527.5	1377.3	1232.4	1071.8	916.5	792.2
-62.5°	2226.5	2128.1	2009.1	1822.6	1646.6	1486.1	1351.4	1180.6	1025.2	880.3	766.3
-65°	2081.5	1978.0	1874.4	1708.7	1548.2	1398.1	1263.4	1108.1	963.1	838.8	740.4
-67.5°	1853.7	1765.7	1672.5	1532.7	1398.1	1263.4	1139.2	1004.5	885.4	797.4	745.6
-70°	1600.0	1506.8	1413.6	1299.7	1185.8	1077.0	978.6	880.3	802.6	756.0	714.6
-72.5°	1165.0	1123.6	1077.0	989.0	895.8	828.5	781.9	740.4	683.5	642.1	616.2
-75°	776.7	719.7	647.2	616.2	621.4	611.0	585.1	554.0	528.2	512.6	476.4
-77.5°	605.8	574.8	538.5	502.3	486.7	471.2	450.5	424.6	403.9	367.6	315.9
-80°	559.2	533.3	507.4	481.6	455.7	419.4	378.0	336.6	315.9	300.3	295.1
-82.5°	460.8	429.8	398.7	372.8	336.6	310.7	284.8	264.1	264.1	258.9	253.7
-85°	264.1	253.7	238.2	227.8	217.5	201.9	186.4	176.1	170.9	165.7	160.5
-87.5°	134.6	129.4	119.1	113.9	108.7	103.6	93.2	88.0	82.8	82.8	77.7
-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-727-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°	25.9	25.9	20.7	20.7	20.7	15.5	10.4	10.4	5.2	5.2	0.0
85°	62.1	51.8	46.6	41.4	41.4	31.1	20.7	15.5	10.4	5.2	5.2
82.5°	119.1	103.6	88.0	77.7	62.1	46.6	36.2	25.9	15.5	10.4	5.2
80°	134.6	134.6	129.4	108.7	88.0	67.3	46.6	31.1	20.7	15.5	10.4
77.5°	103.6	113.9	113.9	113.9	108.7	82.8	57.0	36.2	20.7	15.5	10.4
75°	119.1	103.6	98.4	103.6	98.4	82.8	67.3	41.4	25.9	20.7	10.4
72.5°	145.0	124.3	108.7	103.6	93.2	77.7	62.1	46.6	25.9	20.7	15.5
70°	134.6	129.4	119.1	108.7	93.2	77.7	62.1	46.6	31.1	20.7	15.5
67.5°	119.1	119.1	119.1	108.7	93.2	72.5	57.0	41.4	31.1	20.7	15.5
65°	82.8	98.4	108.7	103.6	93.2	72.5	57.0	41.4	31.1	25.9	15.5
62.5°	51.8	67.3	88.0	98.4	88.0	72.5	51.8	41.4	31.1	25.9	15.5
60°	46.6	51.8	62.1	77.7	82.8	67.3	51.8	36.2	31.1	25.9	15.5
57.5°	46.6	46.6	51.8	62.1	67.3	62.1	46.6	31.1	31.1	25.9	20.7
55°	51.8	46.6	46.6	51.8	57.0	57.0	46.6	31.1	31.1	25.9	20.7
52.5°	62.1	51.8	46.6	46.6	46.6	51.8	41.4	31.1	31.1	25.9	20.7
50°	77.7	62.1	57.0	46.6	46.6	46.6	41.4	31.1	25.9	25.9	20.7
47.5°	103.6	82.8	62.1	57.0	46.6	41.4	36.2	31.1	25.9	25.9	20.7
45°	155.3	98.4	82.8	62.1	51.8	46.6	41.4	31.1	25.9	25.9	20.7
42.5°	212.3	145.0	103.6	72.5	57.0	46.6	41.4	36.2	25.9	25.9	20.7
40°	269.3	196.8	129.4	93.2	67.3	51.8	41.4	36.2	31.1	25.9	20.7
37.5°	331.4	243.4	170.9	119.1	77.7	57.0	46.6	36.2	31.1	25.9	20.7
35°	409.1	305.5	212.3	145.0	93.2	67.3	51.8	36.2	31.1	25.9	20.7
32.5°	497.1	362.5	253.7	176.1	119.1	82.8	57.0	41.4	31.1	25.9	20.7
30°	579.9	429.8	300.3	212.3	145.0	93.2	62.1	41.4	31.1	25.9	15.5
27.5°	662.8	497.1	357.3	248.5	176.1	108.7	67.3	46.6	31.1	25.9	20.7
25°	745.6	564.4	414.2	284.8	201.9	129.4	82.8	51.8	31.1	25.9	20.7
22.5°	818.1	631.7	466.0	326.2	233.0	150.2	93.2	57.0	36.2	25.9	20.7
20°	901.0	704.2	523.0	372.8	258.9	170.9	103.6	62.1	36.2	25.9	20.7
17.5°	978.6	776.7	579.9	414.2	290.0	191.6	119.1	67.3	41.4	25.9	20.7
15°	1056.3	844.0	631.7	455.7	321.0	212.3	129.4	72.5	46.6	25.9	20.7
12.5°	1128.8	906.1	678.3	491.9	346.9	233.0	139.8	77.7	51.8	25.9	20.7
10°	1196.1	963.1	724.9	523.0	372.8	248.5	150.2	88.0	57.0	25.9	20.7
7.5°	1263.4	1009.7	761.2	554.0	403.9	269.3	160.5	93.2	62.1	31.1	20.7
5°	1304.8	1051.1	792.2	579.9	429.8	290.0	170.9	98.4	67.3	31.1	20.7
2.5°	1341.1	1082.2	812.9	605.8	455.7	305.5	170.9	103.6	72.5	31.1	20.7
0°	1361.8	1102.9	828.5	621.4	476.4	315.9	176.1	108.7	77.7	31.1	20.7
-2.5°	1408.4	1139.2	864.7	642.1	497.1	346.9	186.4	113.9	82.8	36.2	20.7
-5°	1439.5	1159.9	890.6	662.8	512.6	378.0	201.9	124.3	93.2	46.6	25.9
-7.5°	1465.4	1180.6	911.3	673.1	528.2	388.3	207.1	129.4	98.4	51.8	25.9
-10°	1470.5	1190.9	926.9	688.7	538.5	403.9	212.3	134.6	103.6	57.0	25.9
-12.5°	1475.7	1201.3	932.0	699.0	548.9	414.2	217.5	139.8	108.7	62.1	25.9
-15°	1470.5	1196.1	932.0	709.4	554.0	403.9	227.8	145.0	113.9	67.3	25.9
-17.5°	1460.2	1190.9	926.9	704.2	548.9	393.5	233.0	155.3	113.9	72.5	31.1
-20°	1444.7	1175.4	916.5	699.0	543.7	383.2	238.2	160.5	119.1	72.5	31.1

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CATALOG NUMBER: IFLD-L-SA8C-727-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1418.8	1149.5	895.8	683.5	533.3	372.8	238.2	170.9	124.3	72.5	31.1
-25°	1387.7	1123.6	875.1	662.8	517.8	357.3	238.2	176.1	129.4	72.5	31.1
-27.5°	1351.4	1097.7	844.0	647.2	497.1	346.9	238.2	181.2	134.6	72.5	31.1
-30°	1310.0	1061.5	818.1	621.4	481.6	346.9	243.4	186.4	139.8	72.5	31.1
-32.5°	1268.6	1025.2	787.1	600.6	460.8	341.7	243.4	191.6	145.0	67.3	36.2
-35°	1222.0	983.8	761.2	585.1	445.3	331.4	248.5	191.6	139.8	67.3	36.2
-37.5°	1165.0	932.0	735.3	569.6	434.9	321.0	248.5	196.8	134.6	67.3	36.2
-40°	1102.9	890.6	704.2	548.9	419.4	315.9	248.5	196.8	129.4	67.3	41.4
-42.5°	1035.6	844.0	673.1	528.2	403.9	310.7	248.5	196.8	124.3	67.3	41.4
-45°	973.5	797.4	636.9	502.3	388.3	310.7	248.5	191.6	113.9	72.5	41.4
-47.5°	906.1	745.6	595.5	476.4	383.2	305.5	243.4	181.2	103.6	72.5	41.4
-50°	849.2	693.8	564.4	450.5	372.8	310.7	248.5	165.7	103.6	72.5	41.4
-52.5°	792.2	657.6	528.2	440.1	362.5	315.9	243.4	155.3	103.6	72.5	41.4
-55°	745.6	621.4	507.4	424.6	372.8	326.2	233.0	139.8	103.6	72.5	41.4
-57.5°	709.4	600.6	491.9	429.8	388.3	315.9	217.5	134.6	103.6	67.3	41.4
-60°	683.5	579.9	497.1	450.5	393.5	300.3	207.1	134.6	103.6	67.3	36.2
-62.5°	662.8	585.1	523.0	466.0	372.8	279.6	196.8	134.6	93.2	62.1	36.2
-65°	668.0	605.8	533.3	445.3	357.3	258.9	181.2	129.4	88.0	57.0	36.2
-67.5°	683.5	590.3	502.3	419.4	321.0	233.0	165.7	119.1	82.8	57.0	36.2
-70°	631.7	543.7	455.7	357.3	274.4	201.9	155.3	108.7	72.5	51.8	36.2
-72.5°	569.6	455.7	362.5	290.0	233.0	186.4	139.8	98.4	67.3	46.6	31.1
-75°	414.2	331.4	269.3	243.4	207.1	165.7	124.3	88.0	62.1	46.6	31.1
-77.5°	295.1	274.4	248.5	222.7	186.4	145.0	108.7	82.8	57.0	41.4	25.9
-80°	290.0	264.1	233.0	191.6	155.3	124.3	93.2	72.5	51.8	36.2	20.7
-82.5°	243.4	207.1	176.1	145.0	119.1	98.4	77.7	57.0	41.4	25.9	15.5
-85°	150.2	129.4	113.9	98.4	82.8	67.3	51.8	36.2	25.9	15.5	10.4
-87.5°	72.5	67.3	57.0	46.6	41.4	31.1	25.9	20.7	15.5	10.4	5.2
-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°	5.2	0.0	0.0	0.0
80°	5.2	0.0	0.0	0.0
77.5°	5.2	0.0	0.0	0.0
75°	5.2	5.2	0.0	0.0
72.5°	5.2	5.2	0.0	0.0
70°	10.4	5.2	5.2	0.0
67.5°	10.4	5.2	5.2	0.0
65°	10.4	5.2	5.2	0.0
62.5°	10.4	5.2	5.2	0.0
60°	10.4	5.2	5.2	0.0
57.5°	10.4	5.2	5.2	0.0
55°	10.4	5.2	5.2	0.0
52.5°	10.4	5.2	5.2	0.0
50°	10.4	5.2	5.2	0.0
47.5°	10.4	10.4	5.2	0.0
45°	10.4	10.4	5.2	0.0
42.5°	10.4	10.4	5.2	0.0
40°	10.4	10.4	5.2	0.0
37.5°	10.4	10.4	5.2	0.0
35°	10.4	10.4	5.2	0.0
32.5°	15.5	10.4	5.2	0.0
30°	15.5	10.4	10.4	0.0
27.5°	15.5	10.4	10.4	0.0
25°	15.5	10.4	10.4	0.0
22.5°	15.5	10.4	10.4	0.0
20°	15.5	10.4	10.4	0.0
17.5°	15.5	10.4	10.4	0.0
15°	15.5	10.4	10.4	0.0
12.5°	15.5	10.4	10.4	0.0
10°	15.5	10.4	10.4	0.0
7.5°	15.5	10.4	10.4	0.0
5°	15.5	10.4	10.4	0.0
2.5°	15.5	10.4	10.4	0.0
0°	15.5	10.4	10.4	0.0
-2.5°	15.5	10.4	10.4	0.0
-5°	15.5	10.4	10.4	0.0
-7.5°	15.5	10.4	10.4	0.0
-10°	15.5	10.4	10.4	0.0
-12.5°	20.7	10.4	10.4	0.0
-15°	20.7	10.4	10.4	0.0
-17.5°	20.7	10.4	10.4	0.0
-20°	20.7	10.4	10.4	0.0

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CATALOG NUMBER: IFLD-L-SA8C-727-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	20.7	10.4	10.4	0.0
-25°	20.7	10.4	10.4	0.0
-27.5°	20.7	10.4	10.4	0.0
-30°	20.7	10.4	10.4	0.0
-32.5°	20.7	10.4	10.4	0.0
-35°	20.7	10.4	10.4	0.0
-37.5°	20.7	10.4	10.4	0.0
-40°	20.7	10.4	10.4	0.0
-42.5°	15.5	10.4	5.2	0.0
-45°	20.7	10.4	5.2	0.0
-47.5°	20.7	10.4	5.2	0.0
-50°	20.7	10.4	5.2	0.0
-52.5°	20.7	10.4	5.2	0.0
-55°	20.7	10.4	5.2	0.0
-57.5°	20.7	10.4	5.2	0.0
-60°	20.7	10.4	5.2	0.0
-62.5°	20.7	10.4	5.2	0.0
-65°	20.7	10.4	5.2	0.0
-67.5°	20.7	10.4	5.2	0.0
-70°	20.7	5.2	5.2	0.0
-72.5°	15.5	5.2	5.2	0.0
-75°	15.5	5.2	5.2	0.0
-77.5°	10.4	5.2	0.0	0.0
-80°	10.4	5.2	0.0	0.0
-82.5°	10.4	5.2	0.0	0.0
-85°	5.2	0.0	0.0	0.0
-87.5°	5.2	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)