

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: P723771

Luminaire Tested: **IFLD-L-SA7C-750-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723771
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7C-750-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (112) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	24005.7 lumens	Max Intensity:	564769.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	65.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		

Beam Angle (50%):	9.3°H x 8.8°V	Field Angle (10%):	15.8°H x 15.3°V
Beam Lumens:	8705.4 lumens	Field Lumens:	13878.2 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

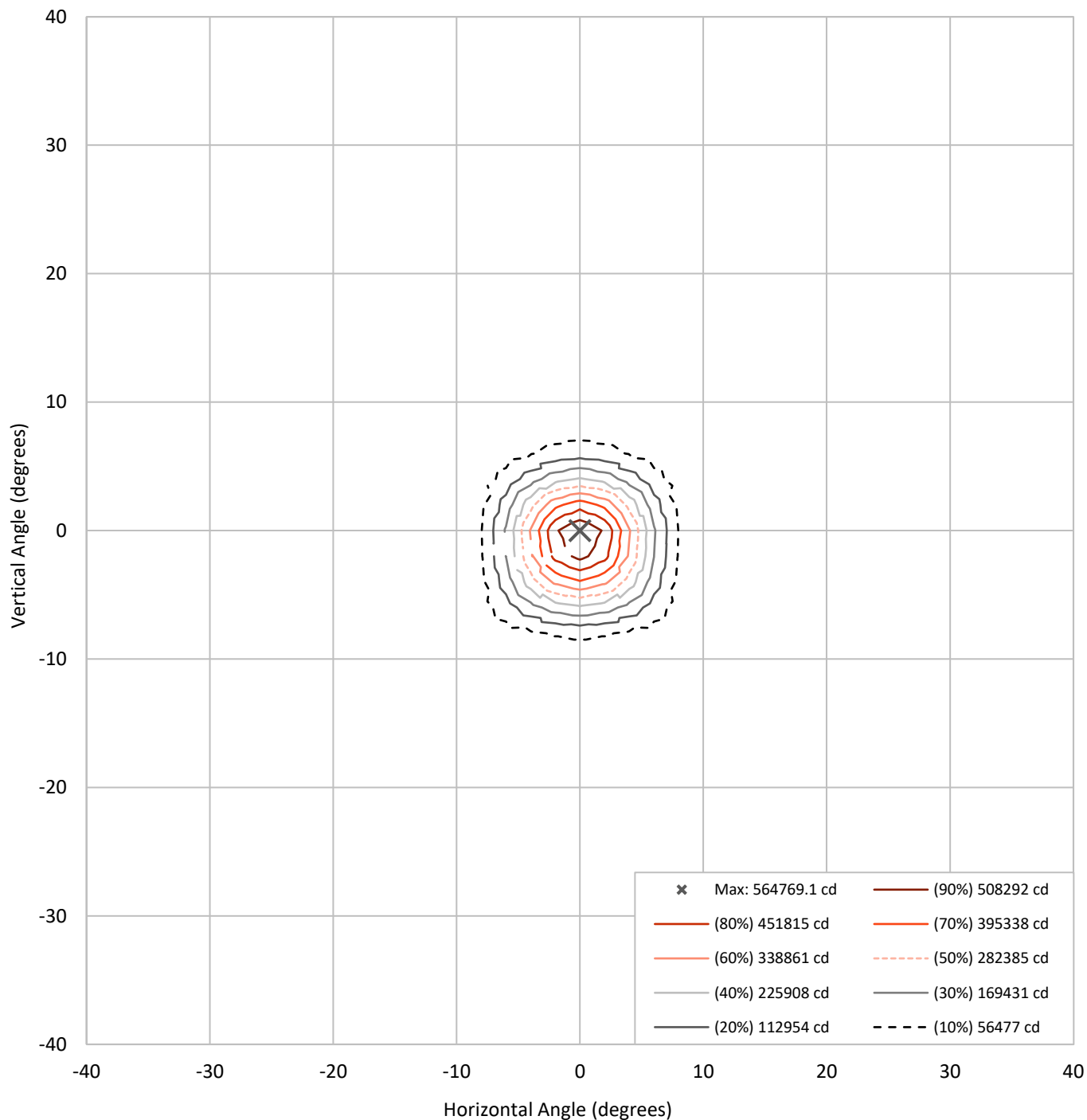
Input Watts (W): 369
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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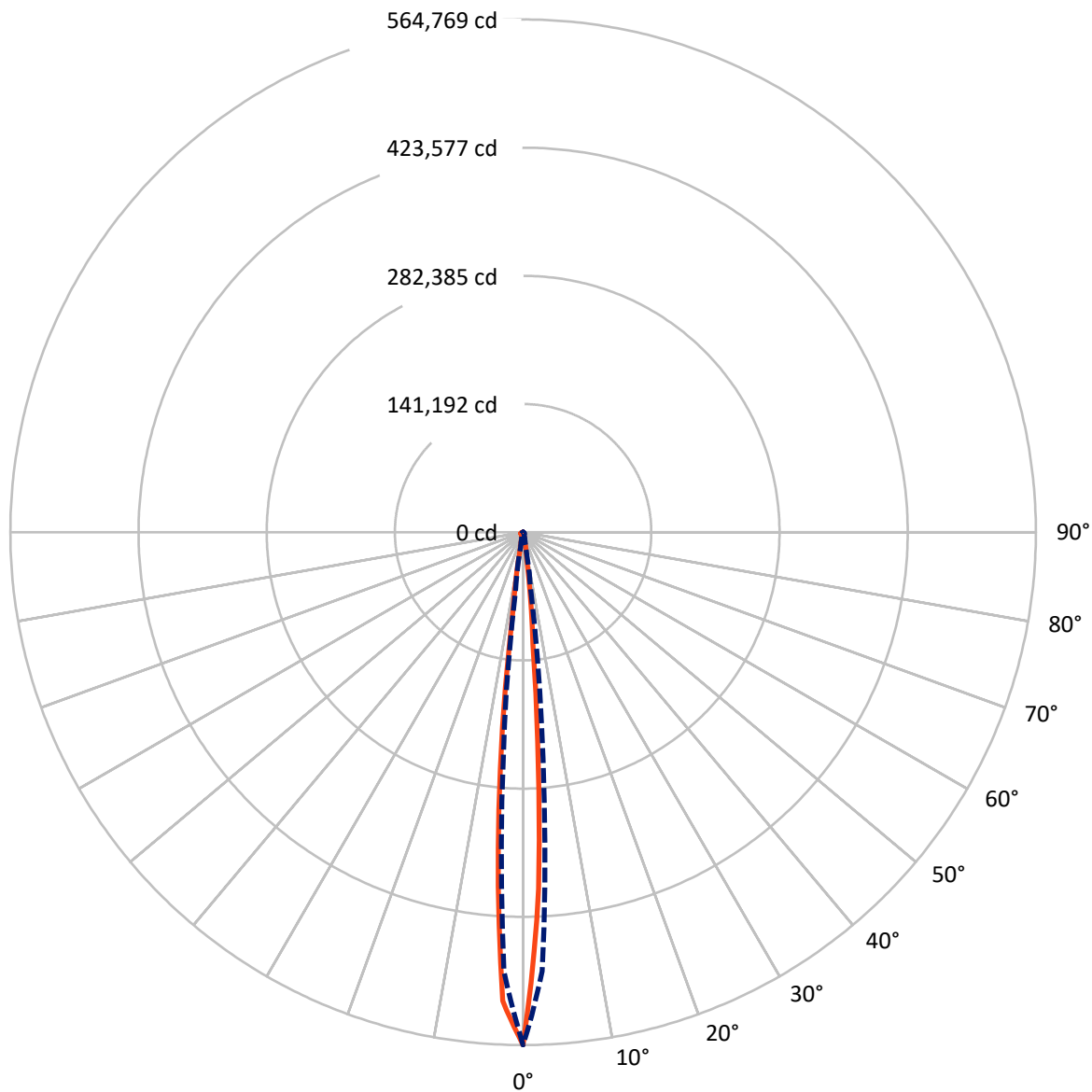
Lumen Table

90																
80	0.4	5.3		5.8		2.2		0.6		2.2		5.8		5.3		0.4
70	0.6	1.2	1.5	1.2	1.0	0.8	0.6	0.3	0.3	0.6	0.8	1.0	1.2	1.5	1.2	0.6
60		0.8	1.1	2.8	6.2	10.1	13.0	14.9	14.9	13.0	10.1	6.2	2.8	1.1	0.8	
50	0.6	0.8	3.3	10.9	21.5	31.5	37.9	42.0	42.0	37.9	31.5	21.5	10.9	3.3	0.8	0.6
40		1.6	8.3	22.5	36.5	42.9	46.3	47.9	47.9	46.3	42.9	36.5	22.5	8.3	1.6	
30	1.0	3.1	14.2	32.7	42.3	43.6	51.4	61.9	61.9	51.4	43.6	42.3	32.7	14.2	3.1	1.0
20		4.9	20.0	40.1	45.1	50.9	89.4	152.4	152.4	89.4	50.9	45.1	40.1	20.0	4.9	
10	1.6	6.3	24.5	44.1	46.8	62.8	170.0	315.1	315.1	170.0	62.8	46.8	44.1	24.5	6.3	1.6
0		7.4	26.8	46.3	48.5	64.9	183.2	459.5	459.5	183.2	64.9	48.5	46.3	26.8	7.4	
-10	2.3	7.9	27.5	48.8	52.5	58.6	106.5	204.4	204.4	106.5	58.6	52.5	48.8	27.5	7.9	2.3
-20		7.5	26.1	49.4	58.9	59.0	69.0	84.1	84.1	69.0	59.0	58.9	49.4	26.1	7.5	
-30	2.5	6.6	23.1	47.2	64.8	70.6	73.5	74.1	74.1	73.5	70.6	64.8	47.2	23.1	6.6	2.5
-40		5.8	18.6	40.1	62.5	76.0	85.2	89.3	89.3	85.2	76.0	62.5	40.1	18.6	5.8	
-50	2.0	5.3	14.3	31.1	53.3	71.6	83.2	88.0	88.0	83.2	71.6	53.3	31.1	14.3	5.3	2.0
-60		4.9	12.6	25.3	44.5	62.6	75.7	81.8	81.8	75.7	62.6	44.5	25.3	12.6	4.9	
-70	0.9	14.9		44.2		81.9		90.4		81.9		44.2		14.9		0.9
-80																
-90																

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Luminous Intensity Polar Plot



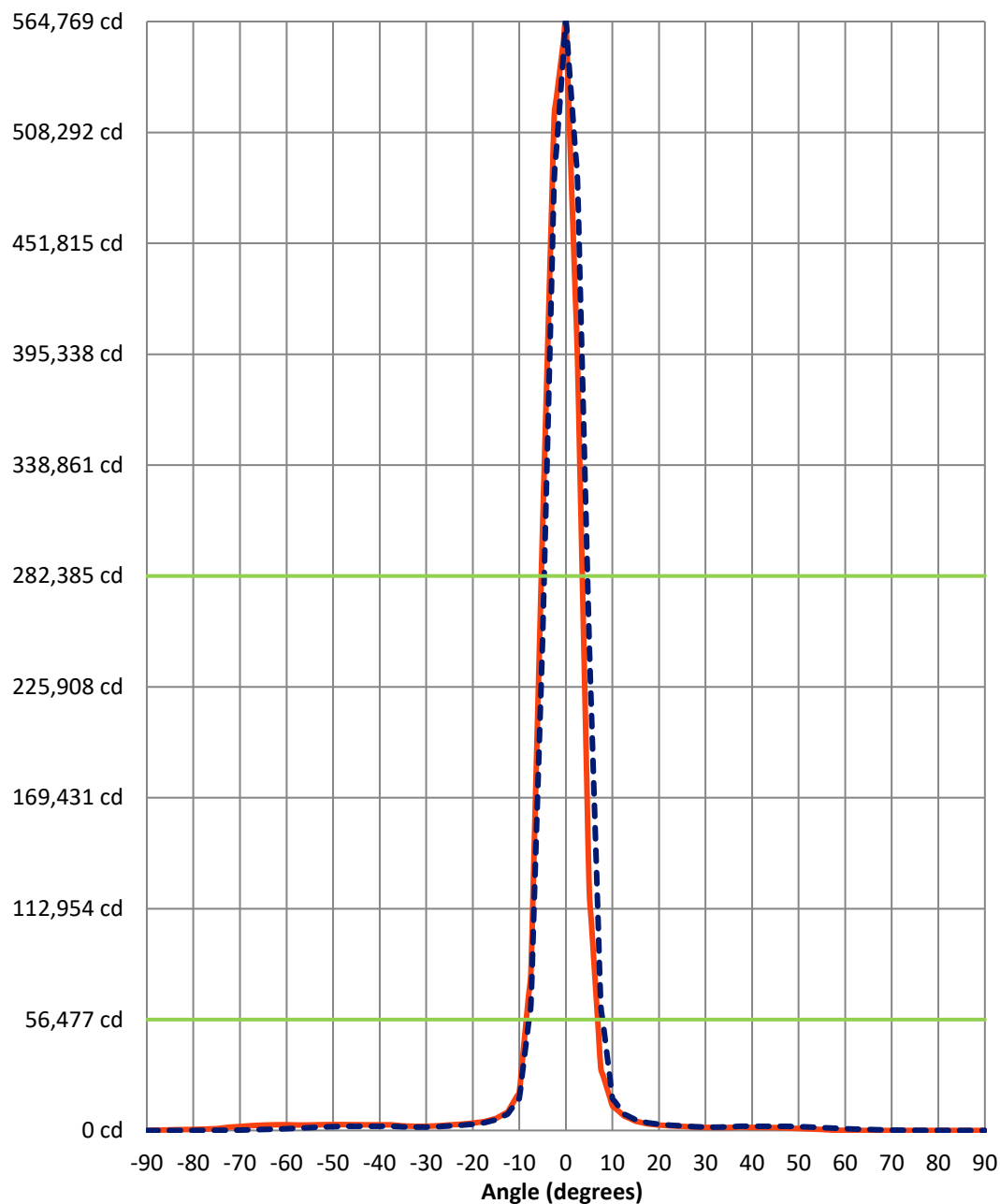
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 8705.4

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 13878.2

Efficiency: 57.8%

Spill:

Lumens: 10127.5

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	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
85°	0.0	5.5	5.5	11.1	11.1	11.1	16.6	22.2	27.7	27.7	33.2
82.5°	0.0	5.5	5.5	11.1	11.1	16.6	16.6	27.7	33.2	38.8	49.9
80°	5.5	5.5	5.5	11.1	11.1	16.6	16.6	22.2	27.7	38.8	44.3
77.5°	0.0	5.5	5.5	5.5	11.1	11.1	11.1	16.6	22.2	27.7	33.2
75°	0.0	5.5	5.5	5.5	11.1	11.1	11.1	11.1	16.6	16.6	22.2
72.5°	0.0	0.0	0.0	5.5	5.5	11.1	11.1	11.1	16.6	16.6	16.6
70°	0.0	0.0	0.0	5.5	5.5	11.1	11.1	11.1	16.6	16.6	16.6
67.5°	0.0	0.0	0.0	5.5	5.5	11.1	11.1	11.1	16.6	16.6	16.6
65°	0.0	0.0	0.0	5.5	5.5	11.1	11.1	16.6	16.6	16.6	16.6
62.5°	5.5	5.5	5.5	11.1	16.6	16.6	22.2	27.7	27.7	27.7	27.7
60°	55.4	61.0	66.5	66.5	61.0	61.0	66.5	66.5	66.5	66.5	66.5
57.5°	149.6	160.7	166.2	166.2	166.2	160.7	182.9	188.4	166.2	155.2	171.8
55°	520.9	537.5	526.5	509.8	476.6	437.8	426.7	421.2	426.7	399.0	354.7
52.5°	759.2	775.8	770.3	759.2	737.0	709.3	687.2	665.0	642.8	598.5	548.6
50°	986.4	992.0	986.4	975.3	953.2	925.5	881.1	831.2	786.9	775.8	731.5
47.5°	1241.3	1257.9	1257.9	1252.4	1235.8	1185.9	1119.4	1047.4	1014.1	1003.0	958.7
45°	1468.5	1479.6	1485.2	1490.7	1485.2	1435.3	1374.3	1335.5	1263.5	1241.3	1241.3
42.5°	1529.5	1535.0	1540.6	1546.1	1562.7	1523.9	1474.1	1407.6	1390.9	1385.4	1374.3
40°	1551.7	1540.6	1546.1	1551.7	1557.2	1529.5	1490.7	1451.9	1440.8	1429.7	1429.7
37.5°	1762.2	1712.4	1673.6	1640.3	1612.6	1584.9	1546.1	1512.9	1485.2	1463.0	1485.2
35°	1501.8	1501.8	1540.6	1573.8	1607.1	1640.3	1645.9	1607.1	1546.1	1518.4	1557.2
32.5°	1535.0	1535.0	1535.0	1546.1	1557.2	1584.9	1612.6	1629.2	1673.6	1623.7	1623.7
30°	1568.3	1573.8	1584.9	1590.4	1573.8	1562.7	1551.7	1551.7	1579.4	1651.4	1690.2
27.5°	1762.2	1762.2	1745.6	1723.4	1673.6	1596.0	1557.2	1501.8	1507.3	1540.6	1634.8
25°	2078.1	2067.0	2028.2	1972.8	1884.2	1773.3	1668.0	1551.7	1501.8	1485.2	1523.9
22.5°	2377.4	2360.7	2310.9	2261.0	2188.9	2078.1	1900.8	1723.4	1568.3	1501.8	1485.2
20°	2759.7	2720.9	2665.5	2587.9	2471.6	2360.7	2205.6	1972.8	1745.6	1573.8	1507.3
17.5°	3374.8	3325.0	3219.7	3081.1	2881.6	2709.9	2488.2	2266.5	2011.6	1734.5	1584.9
15°	4721.5	4594.0	4411.1	4028.8	3635.3	3308.3	2975.9	2604.6	2344.1	1978.4	1751.2
12.5°	7425.8	7076.7	6544.7	5652.5	4771.3	4012.1	3474.6	2998.0	2576.9	2238.8	1917.4
10°	12568.4	11820.3	10351.8	7913.4	6289.7	4893.3	3929.0	3291.7	2759.7	2410.6	2055.9
7.5°	31786.8	25929.3	18348.3	12529.6	8229.3	5979.4	4494.3	3568.8	2953.7	2521.4	2166.8
5°	123888.6	102054.6	54440.9	22720.7	12380.0	7231.8	5004.1	3790.5	3081.1	2604.6	2249.9
2.5°	393183.8	339540.9	178141.1	48910.4	15200.7	8146.2	5353.2	3929.0	3153.2	2665.5	2310.9
0°	564769.1	484027.7	250010.4	64327.2	16486.3	8378.9	5464.0	3956.7	3164.3	2676.6	2310.9
-2.5°	516667.8	452185.5	241509.5	59860.6	16846.5	8445.4	5552.7	4050.9	3247.4	2726.5	2327.5
-5°	307000.5	269284.2	168470.9	42681.6	14967.9	7841.4	5320.0	3967.8	3192.0	2698.8	2316.4
-7.5°	80885.6	70024.0	46062.0	22271.8	9686.8	6633.3	4887.7	3829.3	3119.9	2648.9	2272.1
-10°	19501.0	18481.3	16508.5	10119.0	7542.2	5541.6	4333.6	3579.9	2975.9	2582.4	2200.0
-12.5°	9404.1	9182.5	8334.6	6871.6	5597.0	4605.1	3923.5	3319.4	2842.9	2466.0	2100.3
-15°	6118.0	5990.5	5702.3	5142.6	4494.3	4017.7	3541.1	3053.4	2676.6	2294.2	2017.2
-17.5°	4527.5	4522.0	4377.9	4167.3	3845.9	3491.2	3142.1	2831.8	2466.0	2139.1	1928.5
-20°	3751.7	3751.7	3668.6	3530.0	3302.8	3070.1	2837.3	2549.1	2249.9	2006.1	1917.4

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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°	3186.4	3192.0	3147.6	3059.0	2937.1	2743.1	2515.9	2283.1	2067.0	1978.4	1950.7
-25°	2820.7	2809.6	2759.7	2676.6	2549.1	2394.0	2244.4	2089.2	2028.2	2006.1	2044.9
-27.5°	2388.4	2405.1	2382.9	2344.1	2261.0	2150.2	2116.9	2072.6	2083.7	2116.9	2266.5
-30°	2133.5	2150.2	2172.3	2188.9	2161.2	2133.5	2144.6	2177.9	2249.9	2377.4	2432.8
-32.5°	2133.5	2139.1	2172.3	2205.6	2222.2	2244.4	2305.3	2416.1	2521.4	2488.2	2477.1
-35°	2327.5	2310.9	2355.2	2399.5	2460.5	2538.1	2604.6	2582.4	2543.6	2532.5	2543.6
-37.5°	2881.6	2776.4	2732.0	2704.3	2687.7	2676.6	2660.0	2643.4	2626.7	2615.6	2632.3
-40°	2876.1	2848.4	2820.7	2798.5	2781.9	2759.7	2748.6	2743.1	2726.5	2715.4	2704.3
-42.5°	2865.0	2876.1	2876.1	2870.6	2876.1	2870.6	2853.9	2831.8	2804.1	2781.9	2759.7
-45°	2948.1	2953.7	2964.8	2975.9	2992.5	2970.3	2937.1	2898.3	2859.5	2826.2	2798.5
-47.5°	2998.0	3003.6	3014.6	3031.3	3042.4	3020.2	2975.9	2926.0	2865.0	2809.6	2754.2
-50°	3014.6	3031.3	3036.8	3036.8	3031.3	3003.6	2937.1	2865.0	2798.5	2743.1	2693.2
-52.5°	2937.1	2953.7	2959.2	2948.1	2942.6	2914.9	2853.9	2787.4	2715.4	2676.6	2632.3
-55°	2809.6	2831.8	2848.4	2848.4	2848.4	2842.9	2787.4	2726.5	2671.1	2626.7	2582.4
-57.5°	2759.7	2798.5	2831.8	2837.3	2842.9	2848.4	2809.6	2748.6	2682.1	2615.6	2560.2
-60°	2942.6	2975.9	2992.5	2970.3	2953.7	2937.1	2876.1	2804.1	2737.6	2671.1	2565.8
-62.5°	2892.7	2948.1	2975.9	2959.2	2937.1	2909.4	2842.9	2759.7	2682.1	2610.1	2504.8
-65°	2732.0	2781.9	2815.1	2787.4	2754.2	2715.4	2654.4	2576.9	2504.8	2432.8	2338.6
-67.5°	2460.5	2532.5	2587.9	2527.0	2482.6	2432.8	2382.9	2316.4	2244.4	2161.2	2072.6
-70°	2033.8	2089.2	2139.1	2122.4	2111.4	2100.3	2067.0	2000.5	1939.6	1873.1	1795.5
-72.5°	1634.8	1684.7	1729.0	1701.3	1679.1	1645.9	1596.0	1523.9	1451.9	1379.9	1307.8
-75°	903.3	919.9	936.5	931.0	931.0	931.0	931.0	936.5	925.5	908.8	875.6
-77.5°	692.7	714.9	731.5	742.6	759.2	781.4	798.0	770.3	742.6	714.9	681.6
-80°	543.1	565.2	581.9	642.8	687.2	737.0	770.3	731.5	692.7	659.5	631.7
-82.5°	410.1	426.7	443.3	476.6	498.7	526.5	548.6	548.6	543.1	537.5	520.9
-85°	299.2	321.4	343.6	354.7	371.3	371.3	376.8	354.7	332.5	315.9	293.7
-87.5°	171.8	177.3	177.3	177.3	182.9	182.9	182.9	171.8	166.2	155.2	149.6
-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):

	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°	5.5	5.5	5.5	11.1	11.1	16.6	16.6	22.2	22.2	27.7	27.7
85°	33.2	33.2	33.2	38.8	38.8	44.3	49.9	55.4	61.0	61.0	66.5
82.5°	55.4	61.0	66.5	72.0	77.6	83.1	88.7	94.2	110.8	121.9	127.5
80°	55.4	61.0	77.6	88.7	99.7	110.8	110.8	110.8	110.8	116.4	127.5
77.5°	38.8	44.3	49.9	61.0	88.7	110.8	127.5	138.5	127.5	121.9	110.8
75°	22.2	27.7	33.2	38.8	55.4	77.6	105.3	133.0	155.2	149.6	138.5
72.5°	22.2	22.2	27.7	33.2	38.8	44.3	49.9	77.6	110.8	138.5	155.2
70°	22.2	27.7	27.7	33.2	38.8	44.3	49.9	61.0	77.6	110.8	144.1
67.5°	22.2	27.7	27.7	38.8	49.9	55.4	61.0	55.4	49.9	72.0	105.3
65°	22.2	22.2	27.7	33.2	38.8	44.3	61.0	61.0	55.4	55.4	55.4
62.5°	33.2	33.2	33.2	33.2	38.8	38.8	38.8	49.9	49.9	49.9	49.9
60°	66.5	61.0	61.0	61.0	61.0	49.9	49.9	49.9	44.3	49.9	44.3
57.5°	160.7	133.0	121.9	121.9	105.3	99.7	83.1	61.0	61.0	49.9	49.9
55°	327.0	310.3	260.5	216.1	194.0	171.8	133.0	110.8	83.1	66.5	61.0
52.5°	504.3	460.0	415.6	360.2	304.8	260.5	221.7	171.8	138.5	99.7	77.6
50°	659.5	620.7	570.8	509.8	437.8	382.4	327.0	260.5	205.0	155.2	110.8
47.5°	897.7	820.2	759.2	687.2	604.0	526.5	454.4	376.8	288.2	227.2	171.8
45°	1152.7	1041.8	958.7	892.2	781.4	676.1	593.0	509.8	404.5	299.2	232.7
42.5°	1330.0	1246.9	1136.0	1047.4	947.6	836.8	726.0	637.3	526.5	404.5	299.2
40°	1424.2	1368.8	1280.1	1202.5	1097.2	975.3	859.0	770.3	653.9	520.9	376.8
37.5°	1496.2	1468.5	1424.2	1363.2	1263.5	1119.4	1003.0	897.7	798.0	642.8	487.7
35°	1579.4	1573.8	1546.1	1518.4	1435.3	1296.7	1158.2	1036.3	914.4	770.3	598.5
32.5°	1656.9	1651.4	1634.8	1623.7	1590.4	1468.5	1318.9	1180.4	1041.8	892.2	703.8
30°	1695.7	1684.7	1684.7	1695.7	1662.5	1584.9	1474.1	1324.4	1169.3	992.0	814.6
27.5°	1695.7	1684.7	1690.2	1706.8	1701.3	1662.5	1579.4	1457.4	1285.7	1086.2	914.4
25°	1623.7	1679.1	1679.1	1701.3	1706.8	1695.7	1651.4	1573.8	1396.5	1185.9	992.0
22.5°	1523.9	1656.9	1706.8	1701.3	1706.8	1734.5	1740.1	1668.0	1501.8	1285.7	1069.5
20°	1523.9	1618.2	1762.2	1723.4	1734.5	1795.5	1823.2	1762.2	1612.6	1379.9	1147.1
17.5°	1557.2	1618.2	1740.1	1801.0	1817.7	1867.5	1911.9	1873.1	1712.4	1479.6	1252.4
15°	1651.4	1640.3	1723.4	1873.1	1900.8	1939.6	1989.4	1945.1	1801.0	1590.4	1352.2
12.5°	1717.9	1656.9	1723.4	1884.2	1972.8	2011.6	2028.2	1995.0	1878.6	1690.2	1451.9
10°	1806.6	1701.3	1734.5	1873.1	2000.5	2028.2	2044.9	2033.8	1950.7	1773.3	1540.6
7.5°	1873.1	1723.4	1723.4	1856.4	2028.2	2050.4	2061.5	2072.6	2011.6	1845.4	1618.2
5°	1900.8	1723.4	1712.4	1839.8	2055.9	2078.1	2078.1	2094.7	2055.9	1900.8	1673.6
2.5°	1906.3	1717.9	1701.3	1828.7	2105.8	2105.8	2094.7	2111.4	2089.2	1934.0	1712.4
0°	1934.0	1712.4	1695.7	1845.4	2161.2	2139.1	2111.4	2116.9	2105.8	1950.7	1734.5
-2.5°	1934.0	1740.1	1717.9	1856.4	2155.7	2150.2	2139.1	2144.6	2133.5	2000.5	1778.9
-5°	1961.7	1778.9	1756.7	1906.3	2150.2	2166.8	2172.3	2172.3	2155.7	2033.8	1806.6
-7.5°	1967.3	1806.6	1801.0	1956.2	2161.2	2188.9	2205.6	2216.6	2183.4	2055.9	1828.7
-10°	1939.6	1817.7	1845.4	2017.2	2172.3	2211.1	2244.4	2261.0	2205.6	2067.0	1839.8
-12.5°	1878.6	1817.7	1889.7	2094.7	2200.0	2244.4	2294.2	2299.8	2227.7	2072.6	1845.4
-15°	1873.1	1862.0	1967.3	2172.3	2216.6	2272.1	2349.6	2333.0	2244.4	2072.6	1845.4
-17.5°	1867.5	1922.9	2083.7	2200.0	2244.4	2305.3	2366.3	2349.6	2255.4	2072.6	1834.3
-20°	1917.4	2022.7	2222.2	2227.7	2277.6	2344.1	2377.4	2344.1	2238.8	2055.9	1817.7

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CATALOG NUMBER: IFLD-L-SA7C-750-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°	2000.5	2200.0	2266.5	2288.7	2333.0	2382.9	2399.5	2349.6	2222.2	2028.2	1789.9
-25°	2211.1	2310.9	2310.9	2360.7	2405.1	2427.2	2410.6	2355.2	2200.0	2000.5	1762.2
-27.5°	2371.8	2366.3	2394.0	2443.9	2482.6	2482.6	2438.3	2327.5	2166.8	1972.8	1723.4
-30°	2432.8	2438.3	2477.1	2532.5	2543.6	2515.9	2449.4	2305.3	2139.1	1928.5	1673.6
-32.5°	2493.7	2515.9	2565.8	2593.5	2599.0	2543.6	2421.7	2266.5	2094.7	1878.6	1618.2
-35°	2565.8	2610.1	2637.8	2643.4	2615.6	2521.4	2382.9	2216.6	2028.2	1806.6	1568.3
-37.5°	2660.0	2682.1	2698.8	2676.6	2599.0	2488.2	2316.4	2150.2	1967.3	1729.0	1496.2
-40°	2720.9	2732.0	2737.6	2665.5	2571.3	2410.6	2244.4	2072.6	1862.0	1640.3	1418.7
-42.5°	2759.7	2748.6	2704.3	2626.7	2488.2	2333.0	2172.3	1978.4	1767.8	1551.7	1335.5
-45°	2748.6	2709.9	2643.4	2549.1	2405.1	2249.9	2061.5	1867.5	1668.0	1457.4	1241.3
-47.5°	2704.3	2643.4	2560.2	2449.4	2316.4	2128.0	1939.6	1751.2	1557.2	1352.2	1152.7
-50°	2648.9	2576.9	2477.1	2338.6	2161.2	1989.4	1817.7	1634.8	1435.3	1246.9	1069.5
-52.5°	2587.9	2510.4	2382.9	2227.7	2033.8	1856.4	1690.2	1512.9	1330.0	1152.7	997.5
-55°	2521.4	2443.9	2299.8	2122.4	1928.5	1734.5	1573.8	1424.2	1246.9	1075.1	936.5
-57.5°	2488.2	2388.4	2238.8	2061.5	1856.4	1656.9	1518.4	1357.7	1197.0	1019.7	886.7
-60°	2460.5	2360.7	2222.2	2017.2	1823.2	1634.8	1474.1	1318.9	1147.1	980.9	847.9
-62.5°	2382.9	2277.6	2150.2	1950.7	1762.2	1590.4	1446.4	1263.5	1097.2	942.1	820.2
-65°	2227.7	2116.9	2006.1	1828.7	1656.9	1496.2	1352.2	1185.9	1030.7	897.7	792.5
-67.5°	1983.9	1889.7	1789.9	1640.3	1496.2	1352.2	1219.2	1075.1	947.6	853.4	798.0
-70°	1712.4	1612.6	1512.9	1390.9	1269.0	1152.7	1047.4	942.1	859.0	809.1	764.7
-72.5°	1246.9	1202.5	1152.7	1058.5	958.7	886.7	836.8	792.5	731.5	687.2	659.5
-75°	831.2	770.3	692.7	659.5	665.0	653.9	626.2	593.0	565.2	548.6	509.8
-77.5°	648.4	615.1	576.3	537.5	520.9	504.3	482.1	454.4	432.2	393.5	338.0
-80°	598.5	570.8	543.1	515.4	487.7	448.9	404.5	360.2	338.0	321.4	315.9
-82.5°	493.2	460.0	426.7	399.0	360.2	332.5	304.8	282.6	282.6	277.1	271.5
-85°	282.6	271.5	254.9	243.8	232.7	216.1	199.5	188.4	182.9	177.3	171.8
-87.5°	144.1	138.5	127.5	121.9	116.4	110.8	99.7	94.2	88.7	88.7	83.1
-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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CATALOG NUMBER: IFLD-L-SA7C-750-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°	27.7	27.7	22.2	22.2	22.2	16.6	11.1	11.1	5.5	5.5	0.0
85°	66.5	55.4	49.9	44.3	44.3	33.2	22.2	16.6	11.1	5.5	5.5
82.5°	127.5	110.8	94.2	83.1	66.5	49.9	38.8	27.7	16.6	11.1	5.5
80°	144.1	144.1	138.5	116.4	94.2	72.0	49.9	33.2	22.2	16.6	11.1
77.5°	110.8	121.9	121.9	121.9	116.4	88.7	61.0	38.8	22.2	16.6	11.1
75°	127.5	110.8	105.3	110.8	105.3	88.7	72.0	44.3	27.7	22.2	11.1
72.5°	155.2	133.0	116.4	110.8	99.7	83.1	66.5	49.9	27.7	22.2	16.6
70°	144.1	138.5	127.5	116.4	99.7	83.1	66.5	49.9	33.2	22.2	16.6
67.5°	127.5	127.5	127.5	116.4	99.7	77.6	61.0	44.3	33.2	22.2	16.6
65°	88.7	105.3	116.4	110.8	99.7	77.6	61.0	44.3	33.2	27.7	16.6
62.5°	55.4	72.0	94.2	105.3	94.2	77.6	55.4	44.3	33.2	27.7	16.6
60°	49.9	55.4	66.5	83.1	88.7	72.0	55.4	38.8	33.2	27.7	16.6
57.5°	49.9	49.9	55.4	66.5	72.0	66.5	49.9	33.2	33.2	27.7	22.2
55°	55.4	49.9	49.9	55.4	61.0	61.0	49.9	33.2	33.2	27.7	22.2
52.5°	66.5	55.4	49.9	49.9	49.9	55.4	44.3	33.2	33.2	27.7	22.2
50°	83.1	66.5	61.0	49.9	49.9	49.9	44.3	33.2	27.7	27.7	22.2
47.5°	110.8	88.7	66.5	61.0	49.9	44.3	38.8	33.2	27.7	27.7	22.2
45°	166.2	105.3	88.7	66.5	55.4	49.9	44.3	33.2	27.7	27.7	22.2
42.5°	227.2	155.2	110.8	77.6	61.0	49.9	44.3	38.8	27.7	27.7	22.2
40°	288.2	210.6	138.5	99.7	72.0	55.4	44.3	38.8	33.2	27.7	22.2
37.5°	354.7	260.5	182.9	127.5	83.1	61.0	49.9	38.8	33.2	27.7	22.2
35°	437.8	327.0	227.2	155.2	99.7	72.0	55.4	38.8	33.2	27.7	22.2
32.5°	532.0	387.9	271.5	188.4	127.5	88.7	61.0	44.3	33.2	27.7	22.2
30°	620.7	460.0	321.4	227.2	155.2	99.7	66.5	44.3	33.2	27.7	16.6
27.5°	709.3	532.0	382.4	266.0	188.4	116.4	72.0	49.9	33.2	27.7	22.2
25°	798.0	604.0	443.3	304.8	216.1	138.5	88.7	55.4	33.2	27.7	22.2
22.5°	875.6	676.1	498.7	349.1	249.4	160.7	99.7	61.0	38.8	27.7	22.2
20°	964.2	753.7	559.7	399.0	277.1	182.9	110.8	66.5	38.8	27.7	22.2
17.5°	1047.4	831.2	620.7	443.3	310.3	205.0	127.5	72.0	44.3	27.7	22.2
15°	1130.5	903.3	676.1	487.7	343.6	227.2	138.5	77.6	49.9	27.7	22.2
12.5°	1208.1	969.8	726.0	526.5	371.3	249.4	149.6	83.1	55.4	27.7	22.2
10°	1280.1	1030.7	775.8	559.7	399.0	266.0	160.7	94.2	61.0	27.7	22.2
7.5°	1352.2	1080.6	814.6	593.0	432.2	288.2	171.8	99.7	66.5	33.2	22.2
5°	1396.5	1124.9	847.9	620.7	460.0	310.3	182.9	105.3	72.0	33.2	22.2
2.5°	1435.3	1158.2	870.0	648.4	487.7	327.0	182.9	110.8	77.6	33.2	22.2
0°	1457.4	1180.4	886.7	665.0	509.8	338.0	188.4	116.4	83.1	33.2	22.2
-2.5°	1507.3	1219.2	925.5	687.2	532.0	371.3	199.5	121.9	88.7	38.8	22.2
-5°	1540.6	1241.3	953.2	709.3	548.6	404.5	216.1	133.0	99.7	49.9	27.7
-7.5°	1568.3	1263.5	975.3	720.4	565.2	415.6	221.7	138.5	105.3	55.4	27.7
-10°	1573.8	1274.6	992.0	737.0	576.3	432.2	227.2	144.1	110.8	61.0	27.7
-12.5°	1579.4	1285.7	997.5	748.1	587.4	443.3	232.7	149.6	116.4	66.5	27.7
-15°	1573.8	1280.1	997.5	759.2	593.0	432.2	243.8	155.2	121.9	72.0	27.7
-17.5°	1562.7	1274.6	992.0	753.7	587.4	421.2	249.4	166.2	121.9	77.6	33.2
-20°	1546.1	1257.9	980.9	748.1	581.9	410.1	254.9	171.8	127.5	77.6	33.2



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CATALOG NUMBER: IFLD-L-SA7C-750-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1518.4	1230.2	958.7	731.5	570.8	399.0	254.9	182.9	133.0	77.6	33.2
-25°	1485.2	1202.5	936.5	709.3	554.2	382.4	254.9	188.4	138.5	77.6	33.2
-27.5°	1446.4	1174.8	903.3	692.7	532.0	371.3	254.9	194.0	144.1	77.6	33.2
-30°	1402.0	1136.0	875.6	665.0	515.4	371.3	260.5	199.5	149.6	77.6	33.2
-32.5°	1357.7	1097.2	842.3	642.8	493.2	365.7	260.5	205.0	155.2	72.0	38.8
-35°	1307.8	1052.9	814.6	626.2	476.6	354.7	266.0	205.0	149.6	72.0	38.8
-37.5°	1246.9	997.5	786.9	609.6	465.5	343.6	266.0	210.6	144.1	72.0	38.8
-40°	1180.4	953.2	753.7	587.4	448.9	338.0	266.0	210.6	138.5	72.0	44.3
-42.5°	1108.3	903.3	720.4	565.2	432.2	332.5	266.0	210.6	133.0	72.0	44.3
-45°	1041.8	853.4	681.6	537.5	415.6	332.5	266.0	205.0	121.9	77.6	44.3
-47.5°	969.8	798.0	637.3	509.8	410.1	327.0	260.5	194.0	110.8	77.6	44.3
-50°	908.8	742.6	604.0	482.1	399.0	332.5	266.0	177.3	110.8	77.6	44.3
-52.5°	847.9	703.8	565.2	471.0	387.9	338.0	260.5	166.2	110.8	77.6	44.3
-55°	798.0	665.0	543.1	454.4	399.0	349.1	249.4	149.6	110.8	77.6	44.3
-57.5°	759.2	642.8	526.5	460.0	415.6	338.0	232.7	144.1	110.8	72.0	44.3
-60°	731.5	620.7	532.0	482.1	421.2	321.4	221.7	144.1	110.8	72.0	38.8
-62.5°	709.3	626.2	559.7	498.7	399.0	299.2	210.6	144.1	99.7	66.5	38.8
-65°	714.9	648.4	570.8	476.6	382.4	277.1	194.0	138.5	94.2	61.0	38.8
-67.5°	731.5	631.7	537.5	448.9	343.6	249.4	177.3	127.5	88.7	61.0	38.8
-70°	676.1	581.9	487.7	382.4	293.7	216.1	166.2	116.4	77.6	55.4	38.8
-72.5°	609.6	487.7	387.9	310.3	249.4	199.5	149.6	105.3	72.0	49.9	33.2
-75°	443.3	354.7	288.2	260.5	221.7	177.3	133.0	94.2	66.5	49.9	33.2
-77.5°	315.9	293.7	266.0	238.3	199.5	155.2	116.4	88.7	61.0	44.3	27.7
-80°	310.3	282.6	249.4	205.0	166.2	133.0	99.7	77.6	55.4	38.8	22.2
-82.5°	260.5	221.7	188.4	155.2	127.5	105.3	83.1	61.0	44.3	27.7	16.6
-85°	160.7	138.5	121.9	105.3	88.7	72.0	55.4	38.8	27.7	16.6	11.1
-87.5°	77.6	72.0	61.0	49.9	44.3	33.2	27.7	22.2	16.6	11.1	5.5
-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-SA7C-750-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°	5.5	0.0	0.0	0.0
80°	5.5	0.0	0.0	0.0
77.5°	5.5	0.0	0.0	0.0
75°	5.5	5.5	0.0	0.0
72.5°	5.5	5.5	0.0	0.0
70°	11.1	5.5	5.5	0.0
67.5°	11.1	5.5	5.5	0.0
65°	11.1	5.5	5.5	0.0
62.5°	11.1	5.5	5.5	0.0
60°	11.1	5.5	5.5	0.0
57.5°	11.1	5.5	5.5	0.0
55°	11.1	5.5	5.5	0.0
52.5°	11.1	5.5	5.5	0.0
50°	11.1	5.5	5.5	0.0
47.5°	11.1	11.1	5.5	0.0
45°	11.1	11.1	5.5	0.0
42.5°	11.1	11.1	5.5	0.0
40°	11.1	11.1	5.5	0.0
37.5°	11.1	11.1	5.5	0.0
35°	11.1	11.1	5.5	0.0
32.5°	16.6	11.1	5.5	0.0
30°	16.6	11.1	11.1	0.0
27.5°	16.6	11.1	11.1	0.0
25°	16.6	11.1	11.1	0.0
22.5°	16.6	11.1	11.1	0.0
20°	16.6	11.1	11.1	0.0
17.5°	16.6	11.1	11.1	0.0
15°	16.6	11.1	11.1	0.0
12.5°	16.6	11.1	11.1	0.0
10°	16.6	11.1	11.1	0.0
7.5°	16.6	11.1	11.1	0.0
5°	16.6	11.1	11.1	0.0
2.5°	16.6	11.1	11.1	0.0
0°	16.6	11.1	11.1	0.0
-2.5°	16.6	11.1	11.1	0.0
-5°	16.6	11.1	11.1	0.0
-7.5°	16.6	11.1	11.1	0.0
-10°	16.6	11.1	11.1	0.0
-12.5°	22.2	11.1	11.1	0.0
-15°	22.2	11.1	11.1	0.0
-17.5°	22.2	11.1	11.1	0.0
-20°	22.2	11.1	11.1	0.0

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CATALOG NUMBER: IFLD-L-SA7C-750-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	22.2	11.1	11.1	0.0
-25°	22.2	11.1	11.1	0.0
-27.5°	22.2	11.1	11.1	0.0
-30°	22.2	11.1	11.1	0.0
-32.5°	22.2	11.1	11.1	0.0
-35°	22.2	11.1	11.1	0.0
-37.5°	22.2	11.1	11.1	0.0
-40°	22.2	11.1	11.1	0.0
-42.5°	16.6	11.1	5.5	0.0
-45°	22.2	11.1	5.5	0.0
-47.5°	22.2	11.1	5.5	0.0
-50°	22.2	11.1	5.5	0.0
-52.5°	22.2	11.1	5.5	0.0
-55°	22.2	11.1	5.5	0.0
-57.5°	22.2	11.1	5.5	0.0
-60°	22.2	11.1	5.5	0.0
-62.5°	22.2	11.1	5.5	0.0
-65°	22.2	11.1	5.5	0.0
-67.5°	22.2	11.1	5.5	0.0
-70°	22.2	5.5	5.5	0.0
-72.5°	16.6	5.5	5.5	0.0
-75°	16.6	5.5	5.5	0.0
-77.5°	11.1	5.5	0.0	0.0
-80°	11.1	5.5	0.0	0.0
-82.5°	11.1	5.5	0.0	0.0
-85°	5.5	0.0	0.0	0.0
-87.5°	5.5	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)