

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: P722633

Luminaire Tested: **IFLD-S-SA3C-927-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722633
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3C-927-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

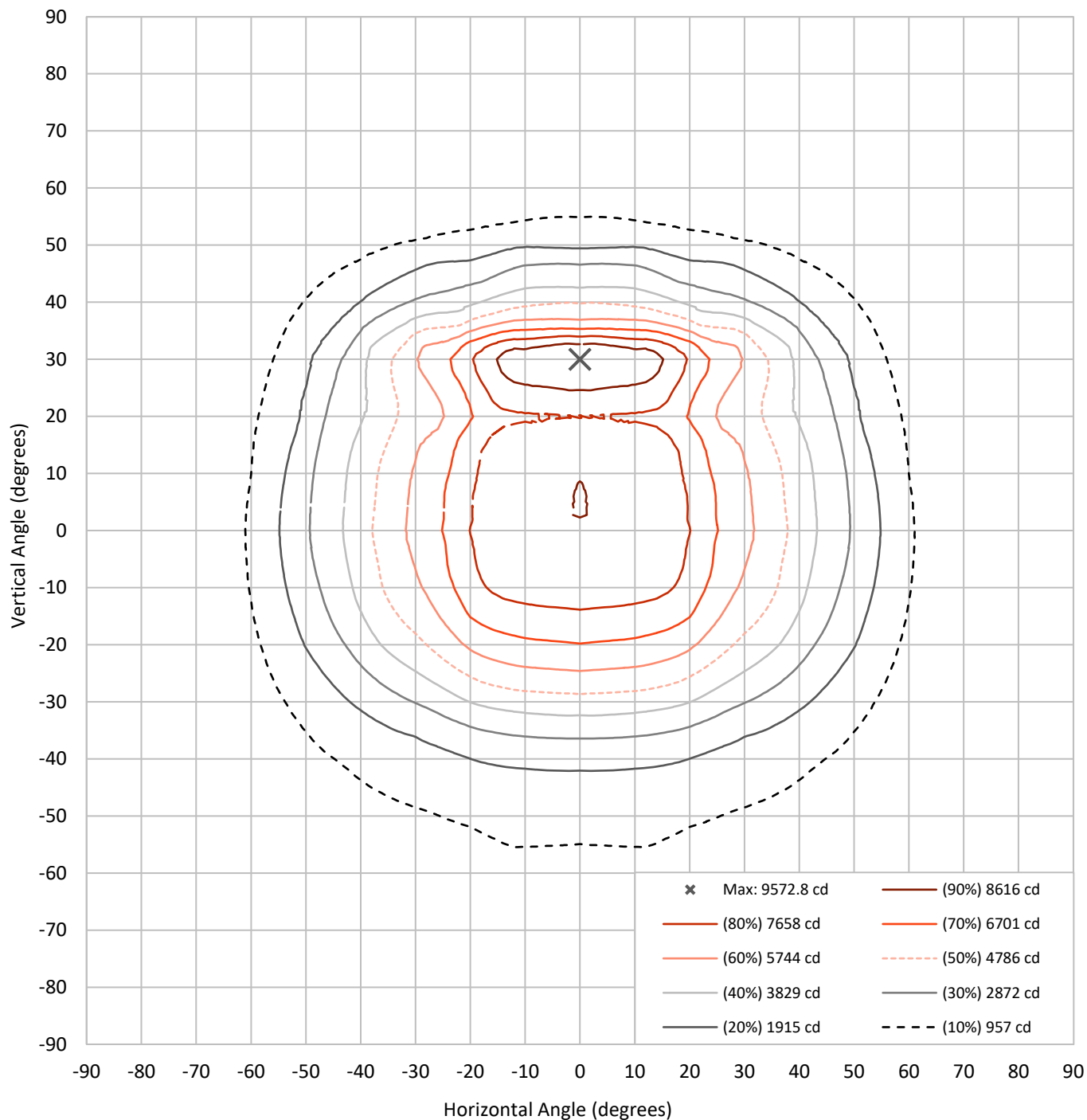
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	13712.4 lumens	Max Intensity:	9572.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	85.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	8747.9 lumens	Field Lumens:	12927.8 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	160.8		
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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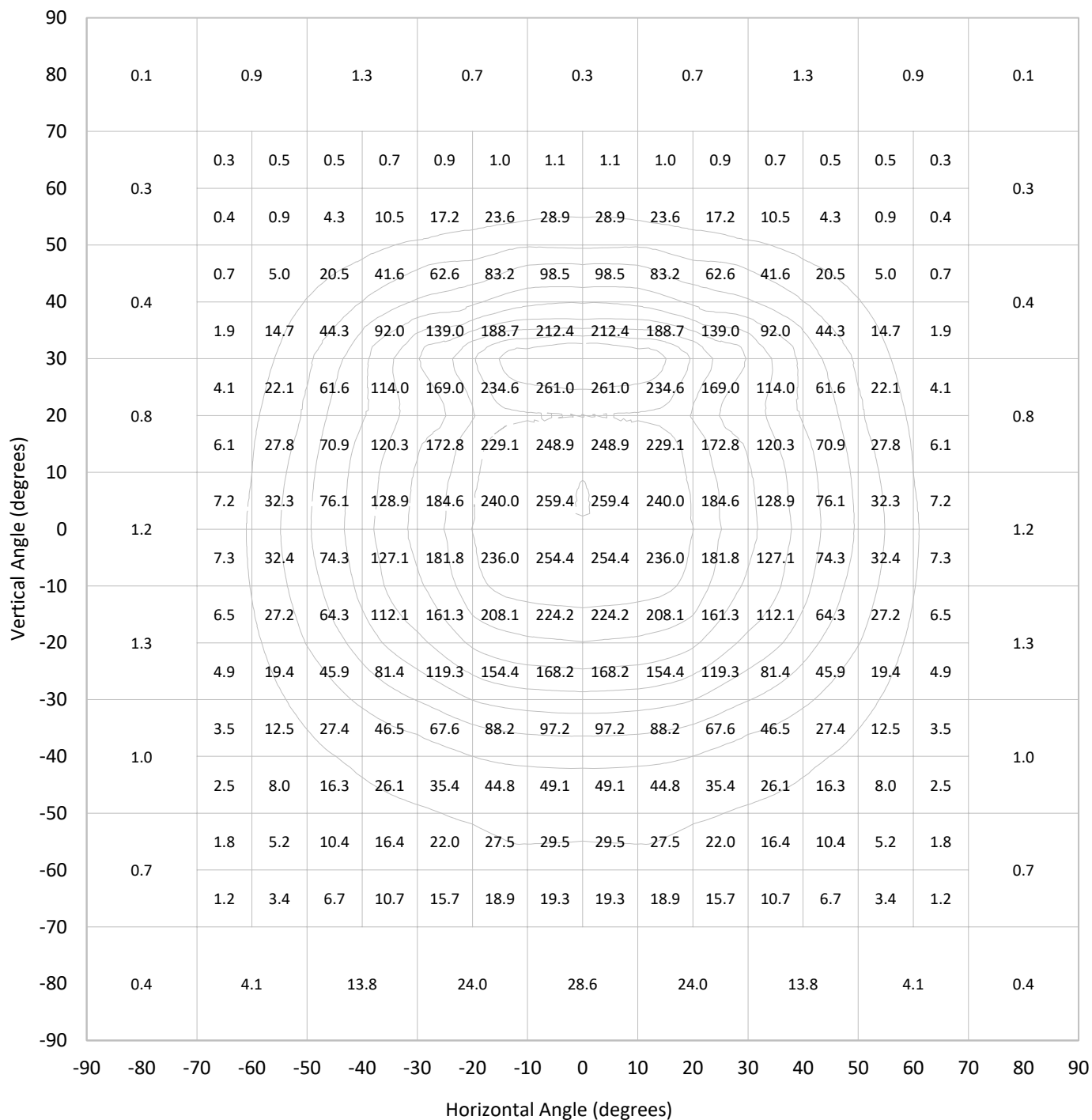
Iso-Candela Plot



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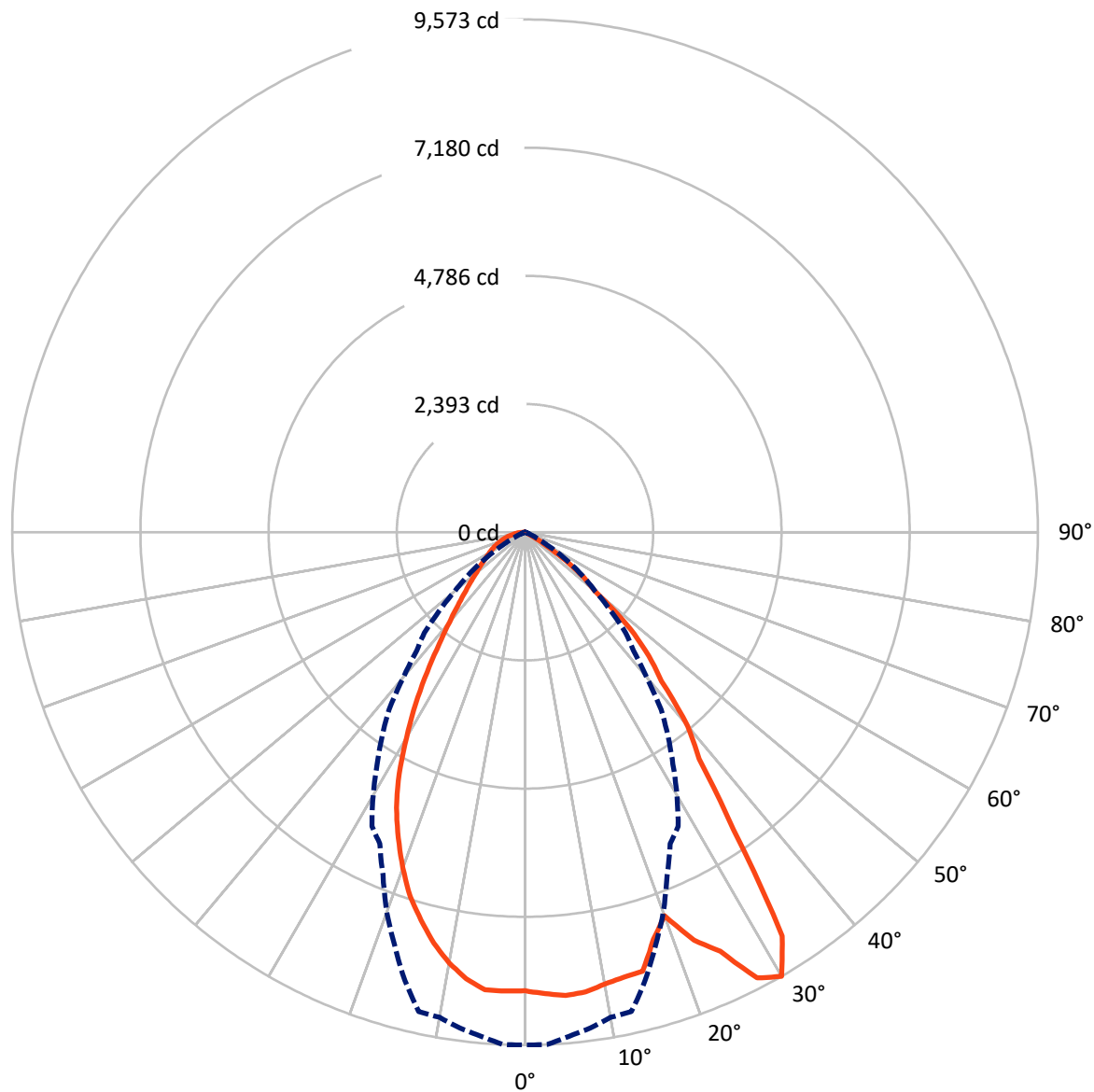
Lumen Table



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Luminous Intensity Polar Plot

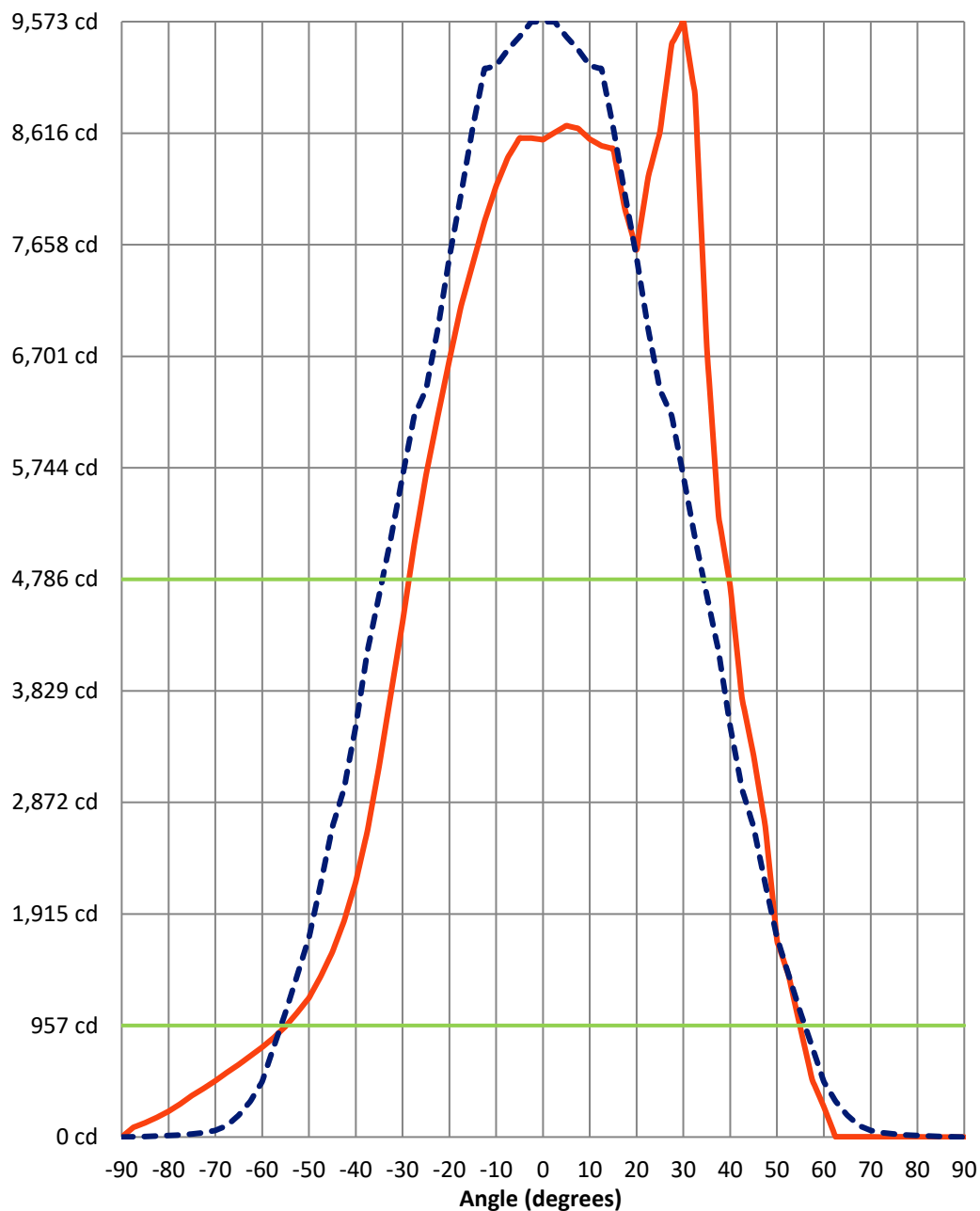


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 8747.9

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 12927.8

Efficiency: 94.3%

Spill:

Lumens: 784.7

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-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	0.0	0.0	0.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2
85°	0.0	2.2	2.2	2.2	4.4	4.4	4.4	4.4	4.4	4.4	6.5
82.5°	0.0	2.2	2.2	2.2	4.4	4.4	4.4	4.4	6.5	6.5	8.7
80°	2.2	2.2	2.2	2.2	4.4	4.4	4.4	6.5	6.5	8.7	8.7
77.5°	2.2	2.2	2.2	4.4	4.4	4.4	6.5	6.5	8.7	8.7	10.9
75°	2.2	2.2	2.2	4.4	4.4	6.5	6.5	6.5	8.7	8.7	10.9
72.5°	0.0	2.2	2.2	4.4	4.4	6.5	6.5	6.5	8.7	8.7	8.7
70°	2.2	2.2	2.2	4.4	4.4	6.5	6.5	6.5	8.7	8.7	8.7
67.5°	2.2	2.2	2.2	4.4	4.4	6.5	6.5	8.7	8.7	8.7	10.9
65°	2.2	2.2	2.2	4.4	6.5	6.5	8.7	10.9	10.9	13.1	15.3
62.5°	2.2	4.4	4.4	6.5	8.7	10.9	24.0	37.1	37.1	26.2	21.8
60°	259.8	281.6	279.4	253.2	220.5	185.6	179.0	172.5	159.4	139.7	146.3
57.5°	493.4	519.6	530.5	523.9	506.5	475.9	458.4	438.8	412.6	382.0	347.1
55°	934.4	945.3	921.3	875.4	825.2	775.0	757.5	731.3	692.0	652.7	600.3
52.5°	1381.9	1419.0	1408.1	1362.2	1294.6	1205.1	1106.8	1030.4	984.6	940.9	888.5
50°	1687.5	1702.8	1733.4	1787.9	1807.6	1746.5	1587.1	1381.9	1235.6	1309.8	1253.1
47.5°	2663.4	2739.8	2724.5	2685.2	2619.7	2453.8	2231.1	2047.7	1894.9	1844.7	1853.4
45°	3272.4	3303.0	3292.1	3274.6	3244.1	3089.1	2842.4	2560.8	2418.9	2362.1	2303.1
42.5°	3772.4	3805.1	3811.7	3813.8	3781.1	3639.2	3416.5	3134.9	2993.0	2829.3	2700.5
40°	4726.4	4774.4	4719.8	4647.8	4538.6	4377.1	4158.8	3899.0	3647.9	3447.1	3294.3
37.5°	5335.4	5394.4	5416.2	5411.9	5387.8	5318.0	5049.5	4802.8	4418.6	3968.8	4049.6
35°	6780.6	6841.8	6824.3	6758.8	6723.9	6649.7	6387.7	6095.2	5612.7	5123.7	4992.7
32.5°	8935.3	9068.5	8819.6	8546.8	8378.7	8437.6	8171.3	7455.2	7232.5	6350.6	5942.3
30°	9572.8	9570.6	9444.0	9332.7	9195.1	9166.8	8664.6	8092.7	7546.9	6929.1	6413.9
27.5°	9378.5	9339.2	9232.2	9151.5	9022.7	8955.0	8463.8	8009.7	7378.8	6826.5	6328.7
25°	8629.7	8660.3	8551.1	8535.8	8485.6	8354.6	8110.1	7599.3	7036.1	6424.8	6066.8
22.5°	8243.3	8232.4	8101.4	8025.0	8086.1	7946.4	7848.2	7333.0	6745.7	6230.5	5800.4
20°	7614.6	7616.8	7584.0	7577.5	7540.4	7477.0	7398.5	7033.9	6619.1	6178.1	5660.7
17.5°	7966.1	8055.6	8094.9	7769.6	7861.3	7789.2	7706.3	7197.6	6885.4	6494.7	5820.1
15°	8481.3	8448.5	8409.2	8391.8	8341.5	8273.9	8123.2	7717.2	7180.1	6776.3	6250.2
12.5°	8507.5	8444.2	8428.9	8426.7	8374.3	8280.4	8134.2	7798.0	7322.0	6830.9	6403.0
10°	8564.2	8498.7	8490.0	8500.9	8420.1	8361.2	8214.9	7902.7	7365.7	6924.7	6520.9
7.5°	8655.9	8546.8	8597.0	8564.2	8527.1	8433.2	8276.1	7970.4	7525.1	7049.2	6625.6
5°	8679.9	8559.9	8614.4	8583.9	8529.3	8437.6	8267.3	8014.1	7623.3	7099.4	6667.1
2.5°	8621.0	8586.1	8562.0	8505.3	8481.3	8380.8	8219.3	7948.6	7577.5	7077.5	6658.4
0°	8559.9	8590.4	8535.8	8479.1	8468.2	8387.4	8249.9	8005.4	7684.4	7138.7	6732.6
-2.5°	8573.0	8548.9	8511.8	8452.9	8396.1	8280.4	8156.0	7926.8	7581.8	7005.5	6627.8
-5°	8573.0	8461.6	8466.0	8468.2	8411.4	8291.3	8140.7	7946.4	7520.7	7003.3	6597.3
-7.5°	8407.0	8311.0	8295.7	8282.6	8267.3	8156.0	8038.1	7795.8	7418.1	6946.6	6512.1
-10°	8162.5	8068.7	8077.4	8057.7	8009.7	7935.5	7846.0	7627.7	7317.7	6767.5	6339.7
-12.5°	7856.9	7815.4	7791.4	7758.7	7710.6	7645.1	7553.5	7348.2	7016.4	6547.1	6141.0
-15°	7494.5	7463.9	7442.1	7422.5	7352.6	7284.9	7164.9	6974.9	6767.5	6263.3	5848.5
-17.5°	7132.1	7055.7	7025.1	6999.0	6953.1	6844.0	6734.8	6592.9	6302.6	5903.0	5547.2
-20°	6667.1	6621.3	6584.2	6549.2	6483.7	6398.6	6309.1	6145.4	5894.3	5571.2	5202.3

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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°	6180.3	6154.1	6123.5	6079.9	6036.2	5955.4	5831.0	5673.8	5477.3	5128.1	4783.1
-25°	5678.2	5628.0	5590.9	5549.4	5514.5	5440.2	5320.2	5169.5	4922.8	4621.6	4333.4
-27.5°	5086.6	5038.5	5018.9	4970.9	4940.3	4872.6	4752.6	4612.8	4390.2	4136.9	3844.4
-30°	4418.6	4427.3	4405.5	4359.6	4322.5	4235.2	4143.5	4025.6	3851.0	3608.6	3346.7
-32.5°	3800.7	3811.7	3785.5	3737.4	3689.4	3626.1	3541.0	3434.0	3303.0	3071.6	2844.6
-35°	3182.9	3178.6	3156.7	3128.4	3095.6	3043.2	2947.2	2866.4	2715.8	2554.2	2397.0
-37.5°	2628.4	2639.3	2632.8	2617.5	2580.4	2536.7	2458.1	2383.9	2272.6	2130.7	2008.4
-40°	2189.6	2202.7	2194.0	2178.7	2146.0	2119.8	2067.4	2001.9	1912.4	1790.1	1687.5
-42.5°	1853.4	1862.2	1851.3	1838.2	1809.8	1790.1	1748.6	1694.1	1619.8	1526.0	1434.3
-45°	1587.1	1589.3	1578.4	1569.6	1547.8	1523.8	1488.9	1445.2	1386.3	1320.8	1246.5
-47.5°	1377.5	1375.3	1364.4	1355.7	1338.2	1316.4	1288.0	1248.7	1202.9	1152.7	1093.7
-50°	1194.1	1205.1	1200.7	1192.0	1178.9	1163.6	1135.2	1093.7	1047.9	1010.8	969.3
-52.5°	1067.5	1069.7	1067.5	1067.5	1065.3	1054.4	1021.7	980.2	930.0	897.2	862.3
-55°	949.6	960.6	964.9	969.3	971.5	971.5	932.2	888.5	840.5	807.7	781.5
-57.5°	853.6	860.1	864.5	875.4	884.1	890.7	855.8	816.5	779.4	748.8	724.8
-60°	770.6	779.4	785.9	796.8	803.4	807.7	785.9	759.7	737.9	718.2	683.3
-62.5°	696.4	703.0	709.5	716.1	722.6	727.0	718.2	705.1	694.2	685.5	641.8
-65°	622.2	628.7	635.3	644.0	650.6	654.9	652.7	644.0	635.3	626.5	587.2
-67.5°	554.5	561.1	569.8	572.0	576.3	578.5	574.1	567.6	556.7	545.8	515.2
-70°	482.5	486.8	491.2	491.2	491.2	489.0	484.6	475.9	465.0	449.7	425.7
-72.5°	417.0	421.3	425.7	419.2	414.8	408.2	401.7	390.8	379.9	368.9	355.8
-75°	355.8	358.0	358.0	349.3	342.7	336.2	327.5	320.9	310.0	301.3	290.3
-77.5°	283.8	283.8	283.8	277.3	272.9	268.5	262.0	255.4	246.7	240.1	231.4
-80°	220.5	220.5	220.5	218.3	211.8	207.4	203.0	198.7	192.1	187.7	183.4
-82.5°	168.1	168.1	168.1	165.9	161.5	159.4	155.0	150.6	148.4	144.1	141.9
-85°	122.3	124.4	124.4	122.3	120.1	115.7	113.5	111.3	109.2	107.0	102.6
-87.5°	83.0	83.0	83.0	80.8	78.6	78.6	76.4	72.0	67.7	65.5	63.3
-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):

	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°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
85°	6.5	6.5	6.5	8.7	8.7	8.7	8.7	8.7	8.7	8.7	6.5
82.5°	10.9	10.9	13.1	13.1	15.3	15.3	15.3	15.3	15.3	15.3	15.3
80°	10.9	13.1	15.3	17.5	19.6	21.8	21.8	21.8	21.8	19.6	19.6
77.5°	13.1	13.1	15.3	17.5	19.6	21.8	24.0	26.2	24.0	24.0	24.0
75°	13.1	15.3	15.3	17.5	19.6	21.8	24.0	26.2	26.2	26.2	26.2
72.5°	10.9	13.1	15.3	17.5	17.5	19.6	21.8	21.8	24.0	24.0	26.2
70°	10.9	13.1	15.3	15.3	17.5	17.5	19.6	21.8	21.8	24.0	24.0
67.5°	13.1	15.3	15.3	17.5	19.6	19.6	19.6	21.8	21.8	24.0	24.0
65°	15.3	17.5	17.5	19.6	21.8	21.8	24.0	24.0	24.0	26.2	26.2
62.5°	26.2	26.2	26.2	24.0	26.2	26.2	26.2	28.4	28.4	26.2	28.4
60°	135.4	98.2	67.7	85.1	76.4	34.9	34.9	34.9	32.7	32.7	30.6
57.5°	318.7	296.9	255.4	216.1	194.3	172.5	107.0	43.7	43.7	39.3	34.9
55°	532.7	460.6	430.1	377.7	320.9	294.7	244.5	165.9	78.6	52.4	45.8
52.5°	825.2	757.5	678.9	572.0	495.6	434.4	393.0	312.2	209.6	111.3	69.9
50°	1104.6	1074.1	1026.0	921.3	761.9	659.3	591.6	499.9	375.5	229.2	131.0
47.5°	1779.2	1523.8	1368.8	1288.0	1154.8	960.6	829.6	727.0	576.3	386.4	231.4
45°	2239.8	2078.3	1831.6	1661.3	1464.8	1259.6	1089.4	971.5	792.5	578.5	362.4
42.5°	2635.0	2495.3	2272.6	2023.7	1816.3	1547.8	1329.5	1174.5	1023.9	790.3	541.4
40°	3143.6	2977.7	2763.8	2521.5	2279.1	1936.4	1582.7	1395.0	1229.1	1021.7	731.3
37.5°	3981.9	3689.4	3340.1	3071.6	2755.0	2464.7	1980.1	1648.2	1451.7	1235.6	954.0
35°	4990.5	4669.6	4086.7	3730.9	3307.4	2875.1	2438.5	1947.3	1667.9	1438.6	1159.2
32.5°	5929.2	5459.9	4713.3	4296.3	4014.7	3217.9	2766.0	2340.3	1890.5	1608.9	1277.1
30°	6189.0	5671.6	5136.8	4650.0	4169.7	3525.7	2990.8	2659.0	2170.0	1711.5	1388.4
27.5°	5927.1	5571.2	5156.4	4704.5	4185.0	3632.6	3128.4	2811.8	2375.2	1781.4	1475.8
25°	5660.7	5289.6	4999.3	4621.6	4141.3	3626.1	3132.7	2907.9	2534.6	1916.7	1523.8
22.5°	5379.1	5147.7	4907.6	4486.2	4032.1	3645.7	3274.6	2990.8	2617.5	2069.6	1543.4
20°	5394.4	5243.8	4979.6	4416.4	4012.5	3761.4	3444.9	3095.6	2707.0	2202.7	1558.7
17.5°	5638.9	5442.4	5110.6	4621.6	4189.3	3879.3	3586.8	3239.7	2798.7	2320.6	1744.3
15°	5940.2	5641.1	5294.0	4863.9	4374.9	4008.1	3696.0	3340.1	2903.5	2429.8	1910.2
12.5°	6158.5	5732.8	5407.5	5018.9	4575.7	4147.9	3768.0	3416.5	3001.7	2519.3	2034.6
10°	6232.7	5846.3	5462.1	5115.0	4678.3	4222.1	3822.6	3464.5	3086.9	2589.1	2126.3
7.5°	6272.0	5944.5	5499.2	5158.6	4739.5	4267.9	3866.2	3490.7	3154.5	2637.2	2185.3
5°	6267.6	5996.9	5527.6	5171.7	4772.2	4287.6	3896.8	3497.3	3202.6	2678.6	2220.2
2.5°	6248.0	6031.8	5573.4	5193.5	4837.7	4324.7	3955.7	3510.4	3220.0	2724.5	2244.2
0°	6320.0	6034.0	5621.4	5200.1	4881.4	4337.8	3981.9	3499.5	3196.0	2737.6	2242.0
-2.5°	6165.0	5905.2	5610.5	5143.3	4822.4	4307.2	3933.9	3464.5	3143.6	2722.3	2233.3
-5°	6138.8	5811.4	5518.8	5090.9	4724.2	4243.9	3844.4	3399.1	3060.7	2672.1	2198.4
-7.5°	6069.0	5721.9	5429.3	5049.5	4632.5	4178.4	3759.3	3331.4	2971.2	2593.5	2148.2
-10°	5916.1	5584.3	5333.3	4960.0	4521.2	4084.5	3656.7	3241.9	2866.4	2486.5	2069.6
-12.5°	5697.8	5366.0	5117.1	4770.0	4381.4	3957.9	3534.4	3126.2	2746.3	2373.0	1975.7
-15°	5451.1	5115.0	4866.1	4549.5	4174.0	3761.4	3379.4	2979.9	2608.8	2252.9	1864.3
-17.5°	5171.7	4853.0	4612.8	4305.0	3931.7	3538.8	3158.9	2796.5	2449.4	2128.5	1735.5
-20°	4848.6	4538.6	4318.1	4010.3	3667.6	3285.5	2916.6	2573.9	2261.7	1960.4	1593.6

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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	4449.1	4176.2	3925.2	3650.1	3351.0	3001.7	2659.0	2355.5	2056.5	1761.7	1447.4
-25°	4040.9	3776.7	3532.2	3281.2	2995.2	2693.9	2401.4	2126.3	1833.8	1567.5	1305.5
-27.5°	3586.8	3351.0	3132.7	2901.3	2639.3	2379.6	2139.4	1870.9	1617.7	1390.6	1165.8
-30°	3102.2	2910.0	2720.1	2514.9	2303.1	2084.8	1870.9	1617.7	1419.0	1237.8	1047.9
-32.5°	2637.2	2464.7	2311.9	2159.1	1975.7	1796.7	1606.7	1419.0	1253.1	1093.7	934.4
-35°	2228.9	2045.5	1960.4	1838.2	1691.9	1530.3	1375.3	1244.4	1111.2	967.1	825.2
-37.5°	1875.3	1757.4	1657.0	1565.3	1449.6	1309.8	1198.5	1091.5	980.2	849.2	727.0
-40°	1598.0	1512.9	1412.5	1344.8	1250.9	1150.5	1039.1	949.6	855.8	748.8	648.4
-42.5°	1375.3	1305.5	1240.0	1167.9	1098.1	1012.9	916.9	831.8	746.6	668.0	585.1
-45°	1192.0	1141.8	1089.4	1030.4	969.3	895.1	816.5	729.1	668.0	598.2	528.3
-47.5°	1041.3	1004.2	960.6	914.7	862.3	796.8	724.8	661.5	598.2	539.2	471.5
-50°	921.3	886.3	851.4	812.1	766.3	709.5	654.9	596.0	537.0	480.3	417.0
-52.5°	820.8	790.3	761.9	729.1	685.5	637.5	587.2	534.9	480.3	423.5	373.3
-55°	751.0	716.1	687.7	654.9	615.6	569.8	523.9	475.9	423.5	379.9	338.4
-57.5°	694.2	654.9	622.2	587.2	548.0	508.7	467.2	423.5	384.2	342.7	303.4
-60°	646.2	600.3	563.2	528.3	491.2	454.1	419.2	382.0	344.9	307.8	268.5
-62.5°	596.0	548.0	502.1	469.4	441.0	408.2	377.7	342.7	310.0	272.9	244.5
-65°	539.2	493.4	449.7	421.3	395.1	366.8	338.4	307.8	279.4	251.1	224.9
-67.5°	475.9	436.6	406.1	379.9	353.7	329.6	303.4	277.3	253.2	224.9	198.7
-70°	399.5	377.7	360.2	340.6	316.5	294.7	270.7	246.7	220.5	196.5	172.5
-72.5°	340.6	327.5	314.4	294.7	272.9	253.2	233.6	211.8	189.9	168.1	148.4
-75°	279.4	268.5	257.6	244.5	227.0	211.8	194.3	174.6	157.2	141.9	126.6
-77.5°	224.9	216.1	209.6	198.7	185.6	172.5	161.5	148.4	135.4	120.1	104.8
-80°	179.0	174.6	172.5	168.1	157.2	146.3	137.5	126.6	113.5	102.6	91.7
-82.5°	139.7	139.7	137.5	135.4	126.6	117.9	111.3	102.6	93.9	85.1	74.2
-85°	102.6	100.4	100.4	98.2	91.7	87.3	80.8	76.4	69.9	61.1	56.8
-87.5°	61.1	58.9	56.8	54.6	50.2	48.0	43.7	41.5	37.1	32.7	30.6
-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-S-SA3C-927-U-76-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°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	0.0	0.0
85°	6.5	4.4	4.4	4.4	4.4	4.4	2.2	2.2	2.2	2.2	2.2
82.5°	13.1	13.1	10.9	10.9	8.7	6.5	4.4	4.4	4.4	2.2	2.2
80°	19.6	19.6	19.6	17.5	15.3	10.9	8.7	6.5	4.4	2.2	2.2
77.5°	24.0	21.8	21.8	19.6	19.6	17.5	13.1	10.9	6.5	4.4	2.2
75°	24.0	24.0	24.0	21.8	21.8	19.6	17.5	13.1	10.9	6.5	4.4
72.5°	26.2	24.0	24.0	24.0	21.8	19.6	17.5	15.3	13.1	8.7	4.4
70°	24.0	24.0	24.0	24.0	21.8	21.8	17.5	15.3	15.3	8.7	6.5
67.5°	24.0	24.0	24.0	21.8	21.8	19.6	17.5	15.3	15.3	10.9	6.5
65°	26.2	24.0	24.0	24.0	21.8	19.6	17.5	15.3	15.3	13.1	8.7
62.5°	28.4	26.2	26.2	24.0	21.8	19.6	17.5	15.3	15.3	13.1	8.7
60°	30.6	28.4	26.2	26.2	24.0	21.8	17.5	17.5	15.3	13.1	8.7
57.5°	32.7	30.6	30.6	28.4	26.2	24.0	19.6	17.5	15.3	13.1	10.9
55°	39.3	34.9	32.7	32.7	30.6	26.2	21.8	17.5	15.3	13.1	10.9
52.5°	52.4	41.5	37.1	37.1	34.9	30.6	24.0	19.6	15.3	13.1	10.9
50°	83.0	52.4	43.7	39.3	39.3	34.9	28.4	21.8	15.3	13.1	10.9
47.5°	131.0	87.3	52.4	45.8	43.7	41.5	32.7	21.8	17.5	13.1	10.9
45°	216.1	128.8	85.1	54.6	45.8	43.7	37.1	24.0	17.5	15.3	10.9
42.5°	296.9	200.8	131.0	65.5	54.6	48.0	39.3	26.2	19.6	15.3	10.9
40°	467.2	275.1	183.4	107.0	63.3	50.2	43.7	30.6	19.6	15.3	10.9
37.5°	633.1	364.6	246.7	157.2	72.0	56.8	45.8	32.7	21.8	15.3	13.1
35°	799.0	510.8	305.6	209.6	96.1	67.7	48.0	34.9	21.8	15.3	13.1
32.5°	947.5	648.4	366.8	262.0	144.1	80.8	52.4	37.1	24.0	17.5	13.1
30°	1069.7	775.0	475.9	307.8	187.7	98.2	56.8	37.1	26.2	17.5	13.1
27.5°	1161.4	873.2	587.2	355.8	224.9	115.7	65.5	41.5	26.2	17.5	13.1
25°	1235.6	949.6	685.5	406.1	257.6	144.1	78.6	43.7	28.4	19.6	13.1
22.5°	1294.6	1012.9	766.3	473.7	296.9	172.5	96.1	48.0	28.4	19.6	13.1
20°	1375.3	1076.3	820.8	545.8	338.4	198.7	111.3	52.4	28.4	19.6	15.3
17.5°	1445.2	1139.6	864.5	606.9	379.9	218.3	128.8	56.8	30.6	19.6	15.3
15°	1526.0	1200.7	903.8	654.9	419.2	235.8	144.1	61.1	30.6	21.8	15.3
12.5°	1613.3	1257.5	932.2	694.2	460.6	251.1	157.2	69.9	32.7	21.8	15.3
10°	1702.8	1305.5	956.2	722.6	491.2	266.3	165.9	78.6	34.9	21.8	15.3
7.5°	1792.3	1349.1	986.8	735.7	504.3	283.8	170.3	87.3	34.9	24.0	15.3
5°	1853.4	1377.5	1030.4	744.4	510.8	303.4	176.8	98.2	37.1	24.0	15.3
2.5°	1905.8	1395.0	1076.3	751.0	513.0	314.4	174.6	104.8	39.3	24.0	15.3
0°	1929.8	1395.0	1106.8	746.6	506.5	325.3	174.6	111.3	39.3	24.0	15.3
-2.5°	1892.7	1434.3	1098.1	748.8	508.7	325.3	183.4	113.5	43.7	26.2	15.3
-5°	1833.8	1449.6	1071.9	737.9	504.3	325.3	194.3	115.7	45.8	26.2	17.5
-7.5°	1777.0	1456.1	1041.3	727.0	497.7	316.5	196.5	113.5	50.2	28.4	17.5
-10°	1702.8	1384.1	1002.0	707.3	484.6	310.0	200.8	113.5	52.4	28.4	17.5
-12.5°	1617.7	1296.7	954.0	678.9	469.4	303.4	203.0	113.5	54.6	30.6	17.5
-15°	1519.4	1207.2	899.4	648.4	447.5	294.7	198.7	111.3	56.8	30.6	19.6
-17.5°	1408.1	1119.9	842.7	611.3	423.5	283.8	189.9	109.2	56.8	30.6	19.6
-20°	1281.5	1032.6	779.4	574.1	395.1	270.7	181.2	104.8	56.8	30.6	19.6

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CATALOG NUMBER: IFLD-S-SA3C-927-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1167.9	951.8	713.9	532.7	364.6	255.4	170.3	100.4	56.8	32.7	19.6
-25°	1074.1	873.2	663.7	491.2	331.8	238.0	159.4	96.1	56.8	32.7	19.6
-27.5°	975.8	788.1	611.3	451.9	310.0	222.7	148.4	91.7	54.6	32.7	19.6
-30°	875.4	705.1	556.7	408.2	288.2	207.4	139.7	85.1	54.6	32.7	19.6
-32.5°	783.7	637.5	506.5	364.6	264.2	192.1	131.0	83.0	52.4	32.7	19.6
-35°	694.2	576.3	454.1	329.6	238.0	176.8	122.3	80.8	52.4	32.7	19.6
-37.5°	620.0	519.6	406.1	305.6	222.7	163.7	113.5	76.4	50.2	32.7	19.6
-40°	558.9	467.2	360.2	279.4	209.6	150.6	104.8	74.2	50.2	32.7	19.6
-42.5°	502.1	417.0	331.8	257.6	196.5	141.9	98.2	72.0	48.0	32.7	19.6
-45°	451.9	373.3	303.4	238.0	181.2	131.0	93.9	67.7	45.8	32.7	21.8
-47.5°	401.7	342.7	277.3	220.5	165.9	117.9	89.5	65.5	43.7	30.6	21.8
-50°	362.4	310.0	255.4	200.8	150.6	113.5	85.1	61.1	43.7	30.6	21.8
-52.5°	327.5	279.4	231.4	181.2	137.5	107.0	80.8	56.8	41.5	30.6	21.8
-55°	294.7	251.1	207.4	161.5	128.8	100.4	74.2	52.4	41.5	30.6	21.8
-57.5°	262.0	224.9	183.4	146.3	117.9	93.9	69.9	52.4	41.5	30.6	21.8
-60°	235.8	200.8	165.9	135.4	109.2	85.1	63.3	50.2	39.3	30.6	21.8
-62.5°	213.9	181.2	150.6	122.3	100.4	76.4	61.1	50.2	39.3	30.6	19.6
-65°	192.1	163.7	135.4	111.3	89.5	72.0	58.9	48.0	39.3	30.6	19.6
-67.5°	170.3	144.1	122.3	98.2	83.0	69.9	56.8	48.0	37.1	28.4	19.6
-70°	148.4	126.6	107.0	91.7	78.6	65.5	54.6	45.8	37.1	26.2	17.5
-72.5°	131.0	111.3	96.1	85.1	74.2	63.3	52.4	43.7	34.9	24.0	15.3
-75°	111.3	98.2	87.3	76.4	67.7	58.9	50.2	39.3	30.6	21.8	15.3
-77.5°	93.9	85.1	76.4	69.9	61.1	52.4	43.7	34.9	28.4	19.6	13.1
-80°	80.8	74.2	67.7	61.1	54.6	45.8	39.3	30.6	24.0	17.5	10.9
-82.5°	65.5	61.1	54.6	50.2	45.8	39.3	32.7	26.2	17.5	13.1	8.7
-85°	50.2	45.8	43.7	39.3	34.9	28.4	21.8	17.5	13.1	8.7	4.4
-87.5°	26.2	24.0	21.8	19.6	17.5	13.1	10.9	8.7	6.5	4.4	2.2
-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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CATALOG NUMBER: IFLD-S-SA3C-927-U-76-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°	0.0	0.0	0.0	0.0
80°	2.2	0.0	0.0	0.0
77.5°	2.2	0.0	0.0	0.0
75°	2.2	2.2	0.0	0.0
72.5°	2.2	2.2	0.0	0.0
70°	2.2	2.2	0.0	0.0
67.5°	4.4	2.2	0.0	0.0
65°	4.4	2.2	0.0	0.0
62.5°	4.4	2.2	0.0	0.0
60°	4.4	2.2	0.0	0.0
57.5°	6.5	2.2	2.2	0.0
55°	6.5	2.2	2.2	0.0
52.5°	6.5	2.2	2.2	0.0
50°	6.5	4.4	2.2	0.0
47.5°	6.5	4.4	2.2	0.0
45°	6.5	4.4	2.2	0.0
42.5°	6.5	4.4	2.2	0.0
40°	8.7	4.4	2.2	0.0
37.5°	8.7	4.4	2.2	0.0
35°	8.7	4.4	2.2	0.0
32.5°	8.7	4.4	2.2	0.0
30°	8.7	4.4	2.2	0.0
27.5°	8.7	6.5	2.2	0.0
25°	8.7	6.5	2.2	0.0
22.5°	10.9	6.5	2.2	0.0
20°	10.9	6.5	2.2	0.0
17.5°	10.9	6.5	2.2	0.0
15°	10.9	6.5	2.2	0.0
12.5°	10.9	6.5	2.2	0.0
10°	10.9	6.5	2.2	0.0
7.5°	10.9	6.5	2.2	0.0
5°	10.9	6.5	2.2	0.0
2.5°	10.9	6.5	2.2	0.0
0°	10.9	6.5	2.2	0.0
-2.5°	10.9	6.5	2.2	0.0
-5°	10.9	6.5	2.2	0.0
-7.5°	10.9	6.5	2.2	0.0
-10°	10.9	6.5	2.2	0.0
-12.5°	13.1	6.5	2.2	0.0
-15°	13.1	6.5	2.2	0.0
-17.5°	13.1	6.5	2.2	0.0
-20°	13.1	6.5	2.2	0.0



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CATALOG NUMBER: IFLD-S-SA3C-927-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	13.1	6.5	2.2	0.0
-25°	13.1	6.5	2.2	0.0
-27.5°	13.1	6.5	2.2	0.0
-30°	13.1	6.5	2.2	0.0
-32.5°	13.1	6.5	2.2	0.0
-35°	13.1	6.5	2.2	0.0
-37.5°	13.1	6.5	2.2	0.0
-40°	13.1	6.5	2.2	0.0
-42.5°	10.9	6.5	2.2	0.0
-45°	13.1	6.5	2.2	0.0
-47.5°	13.1	6.5	2.2	0.0
-50°	13.1	6.5	2.2	0.0
-52.5°	13.1	6.5	2.2	0.0
-55°	13.1	6.5	2.2	0.0
-57.5°	13.1	6.5	2.2	0.0
-60°	13.1	6.5	2.2	0.0
-62.5°	10.9	6.5	2.2	0.0
-65°	10.9	4.4	2.2	0.0
-67.5°	10.9	4.4	2.2	0.0
-70°	10.9	4.4	2.2	0.0
-72.5°	8.7	4.4	2.2	0.0
-75°	8.7	4.4	2.2	0.0
-77.5°	6.5	2.2	0.0	0.0
-80°	6.5	2.2	0.0	0.0
-82.5°	4.4	2.2	0.0	0.0
-85°	2.2	2.2	0.0	0.0
-87.5°	2.2	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)