

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: P722396

Luminaire Tested: **IFLD-S-SA2C-727-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722396
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2C-727-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

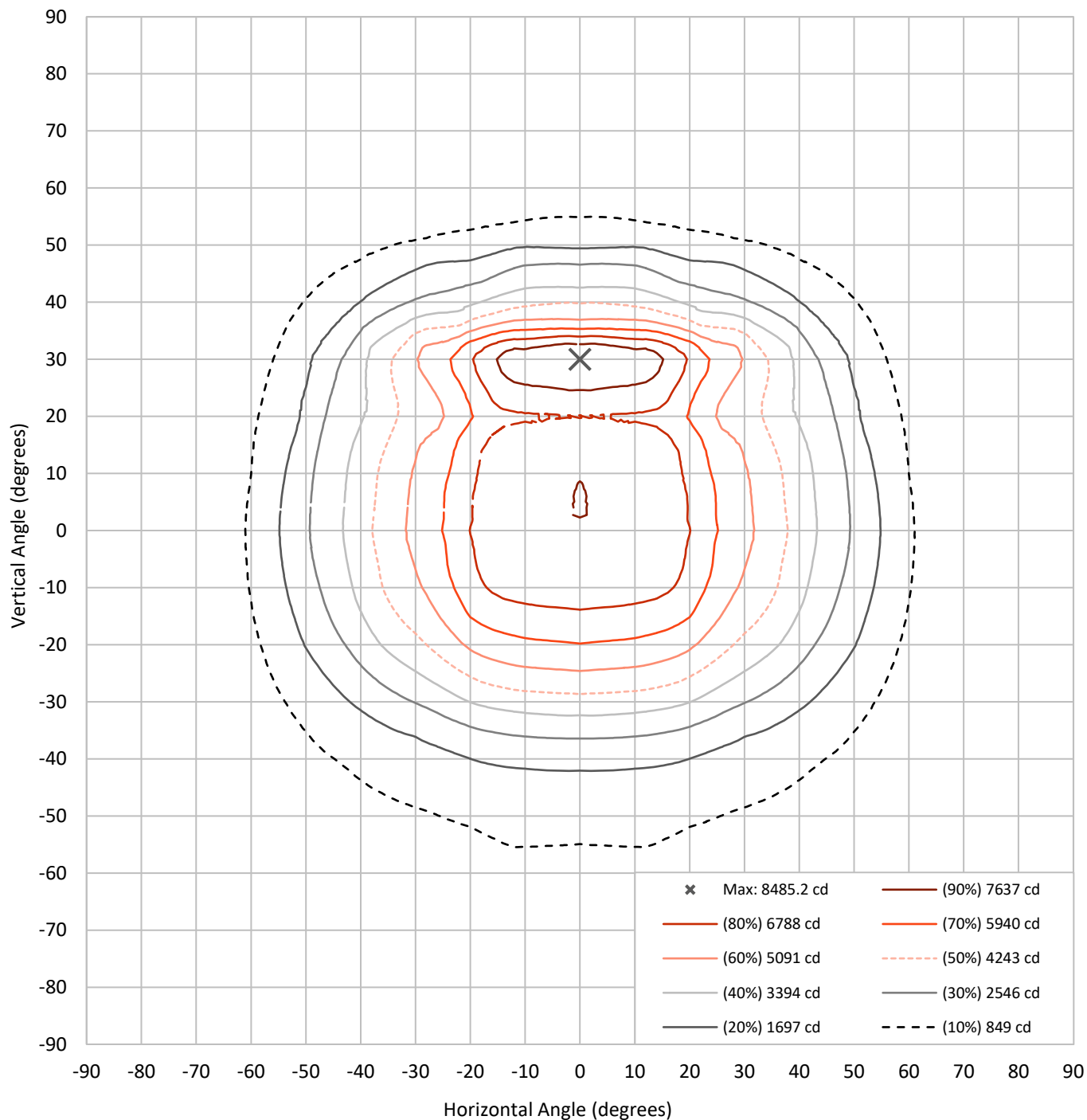
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	12154.5 lumens	Max Intensity:	8485.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	112.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	7754 lumens	Field Lumens:	11458.9 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	108.2		
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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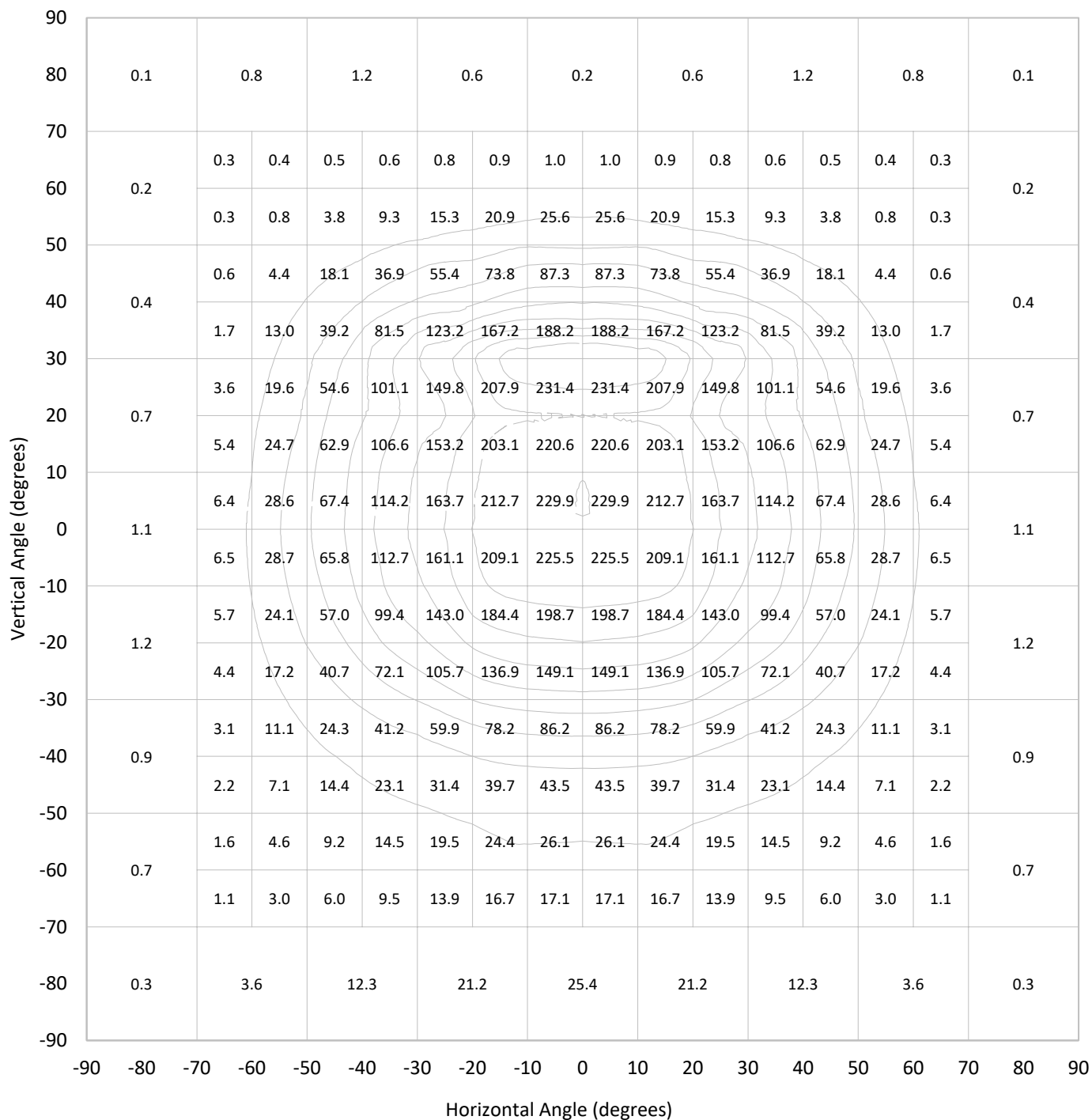
Iso-Candela Plot



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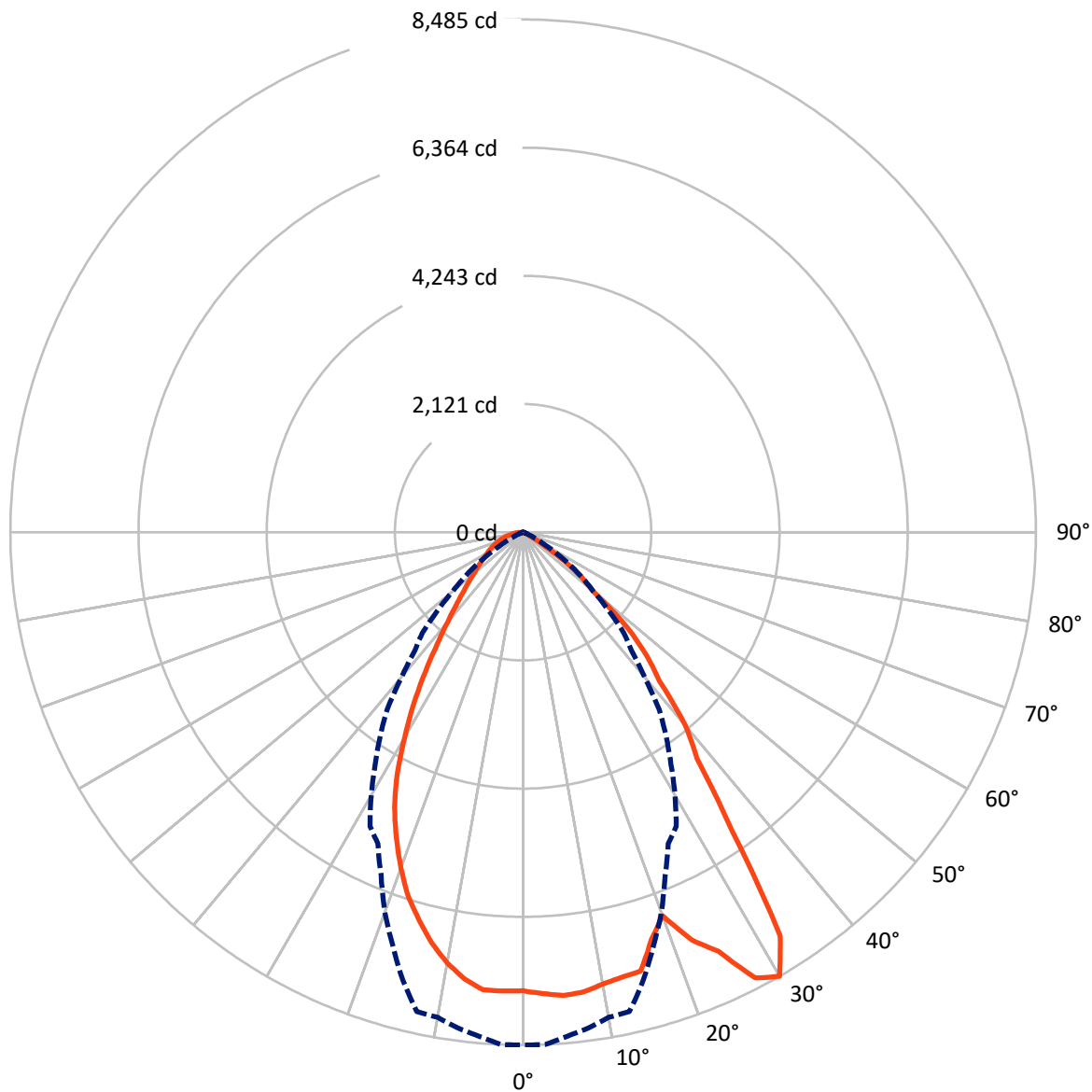
Lumen Table



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Luminous Intensity Polar Plot



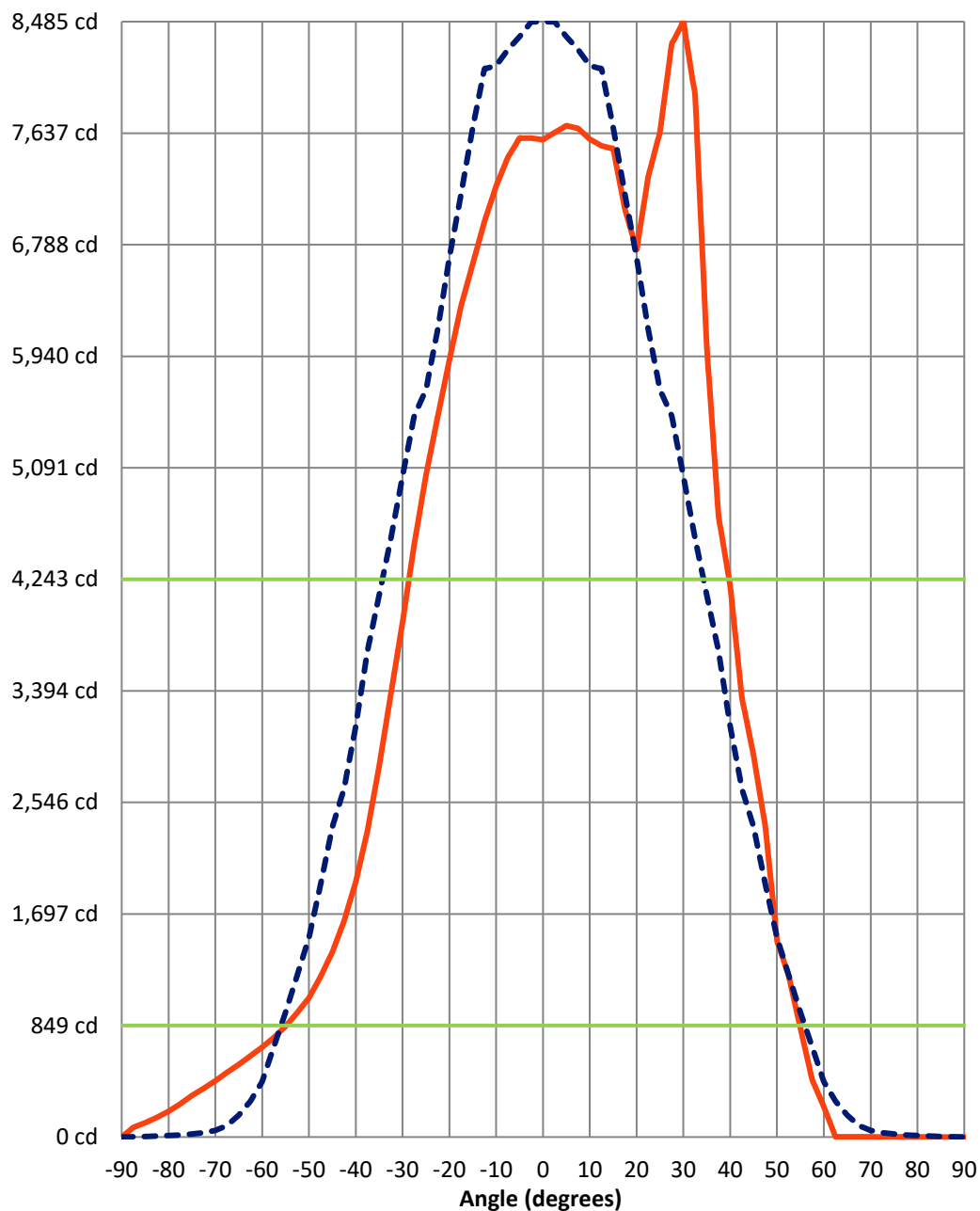
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 7754

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 11458.9

Efficiency: 94.3%

Spill:

Lumens: 695.5

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	1.9	1.9	1.9	1.9	1.9	1.9	1.9
85°	0.0	1.9	1.9	1.9	3.9	3.9	3.9	3.9	3.9	3.9	5.8
82.5°	0.0	1.9	1.9	1.9	3.9	3.9	3.9	3.9	5.8	5.8	7.7
80°	1.9	1.9	1.9	1.9	3.9	3.9	3.9	5.8	5.8	7.7	7.7
77.5°	1.9	1.9	1.9	3.9	3.9	3.9	5.8	5.8	7.7	7.7	9.7
75°	1.9	1.9	1.9	3.9	3.9	5.8	5.8	5.8	7.7	7.7	9.7
72.5°	0.0	1.9	1.9	3.9	3.9	5.8	5.8	5.8	7.7	7.7	7.7
70°	1.9	1.9	1.9	3.9	3.9	5.8	5.8	5.8	7.7	7.7	7.7
67.5°	1.9	1.9	1.9	3.9	3.9	5.8	5.8	7.7	7.7	7.7	9.7
65°	1.9	1.9	1.9	3.9	5.8	5.8	7.7	9.7	9.7	11.6	13.5
62.5°	1.9	3.9	3.9	5.8	7.7	9.7	21.3	32.9	32.9	23.2	19.4
60°	230.3	249.6	247.7	224.5	195.4	164.5	158.7	152.9	141.3	123.8	129.6
57.5°	437.3	460.5	470.2	464.4	448.9	421.8	406.4	388.9	365.7	338.6	307.7
55°	828.2	837.9	816.6	776.0	731.4	686.9	671.5	648.2	613.4	578.6	532.1
52.5°	1224.9	1257.8	1248.1	1207.5	1147.5	1068.1	981.1	913.3	872.7	834.0	787.6
50°	1495.8	1509.3	1536.4	1584.8	1602.2	1548.0	1406.8	1224.9	1095.2	1161.0	1110.7
47.5°	2360.8	2428.5	2414.9	2380.1	2322.1	2175.0	1977.6	1815.1	1679.6	1635.1	1642.9
45°	2900.6	2927.7	2918.0	2902.6	2875.5	2738.1	2519.4	2269.8	2144.0	2093.7	2041.5
42.5°	3343.8	3372.8	3378.6	3380.5	3351.5	3225.7	3028.3	2778.7	2652.9	2507.8	2393.6
40°	4189.4	4231.9	4183.6	4119.7	4023.0	3879.8	3686.3	3456.0	3233.5	3055.4	2920.0
37.5°	4729.2	4781.5	4800.8	4797.0	4775.7	4713.8	4475.8	4257.1	3916.5	3517.9	3589.5
35°	6010.2	6064.4	6048.9	5990.9	5959.9	5894.1	5661.9	5402.6	4975.0	4541.5	4425.4
32.5°	7920.1	8038.2	7817.6	7575.7	7426.7	7478.9	7242.9	6608.2	6410.8	5629.0	5267.2
30°	8485.2	8483.2	8371.0	8272.3	8150.4	8125.2	7680.2	7173.2	6689.4	6141.8	5685.2
27.5°	8312.9	8278.1	8183.3	8111.7	7997.5	7937.5	7502.2	7099.7	6540.4	6050.9	5609.7
25°	7649.2	7676.3	7579.6	7566.0	7521.5	7405.4	7188.7	6735.9	6236.6	5694.8	5377.5
22.5°	7306.7	7297.1	7180.9	7113.2	7167.4	7043.6	6956.5	6499.8	5979.3	5522.6	5141.4
20°	6749.4	6751.4	6722.3	6716.5	6683.6	6627.5	6557.9	6234.7	5867.1	5476.2	5017.6
17.5°	7061.0	7140.3	7175.1	6886.8	6968.1	6904.2	6830.7	6379.8	6103.1	5756.8	5158.8
15°	7517.6	7488.6	7453.8	7438.3	7393.8	7333.8	7200.3	6840.4	6364.4	6006.4	5540.0
12.5°	7540.9	7484.7	7471.2	7469.3	7422.8	7339.6	7210.0	6912.0	6490.1	6054.8	5675.5
10°	7591.2	7533.1	7525.4	7535.1	7463.5	7411.2	7281.6	7004.9	6528.8	6138.0	5780.0
7.5°	7672.4	7575.7	7620.2	7591.2	7558.3	7475.1	7335.8	7064.8	6670.1	6248.3	5872.9
5°	7693.7	7587.3	7635.7	7608.6	7560.2	7478.9	7328.0	7103.5	6757.2	6292.8	5909.6
2.5°	7641.5	7610.5	7589.2	7538.9	7517.6	7428.6	7285.4	7045.5	6716.5	6273.4	5901.9
0°	7587.3	7614.4	7566.0	7515.7	7506.0	7434.4	7312.5	7095.8	6811.4	6327.6	5967.7
-2.5°	7598.9	7577.6	7544.7	7492.5	7442.2	7339.6	7229.3	7026.1	6720.4	6209.6	5874.8
-5°	7598.9	7500.2	7504.1	7506.0	7455.7	7349.3	7215.8	7043.6	6666.2	6207.6	5847.7
-7.5°	7451.9	7366.7	7353.2	7341.6	7328.0	7229.3	7124.8	6910.0	6575.3	6157.3	5772.2
-10°	7235.1	7151.9	7159.7	7142.2	7099.7	7033.9	6954.5	6761.0	6486.3	5998.6	5619.4
-12.5°	6964.2	6927.5	6906.2	6877.1	6834.6	6776.5	6695.3	6513.4	6219.2	5803.2	5443.3
-15°	6643.0	6615.9	6596.6	6579.1	6517.2	6457.2	6350.8	6182.5	5998.6	5551.6	5184.0
-17.5°	6321.8	6254.1	6227.0	6203.8	6163.1	6066.4	5969.6	5843.8	5586.5	5232.4	4916.9
-20°	5909.6	5869.0	5836.1	5805.1	5747.1	5671.6	5592.3	5447.1	5224.6	4938.2	4611.2

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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°	5478.1	5454.9	5427.8	5389.1	5350.4	5278.8	5168.5	5029.2	4855.0	4545.4	4239.7
-25°	5033.0	4988.5	4955.6	4918.9	4887.9	4822.1	4715.7	4582.2	4363.5	4096.5	3841.1
-27.5°	4508.7	4466.1	4448.7	4406.1	4379.0	4319.0	4212.6	4088.7	3891.4	3666.9	3407.6
-30°	3916.5	3924.3	3904.9	3864.3	3831.4	3754.0	3672.7	3568.2	3413.4	3198.6	2966.4
-32.5°	3368.9	3378.6	3355.4	3312.8	3270.2	3214.1	3138.6	3043.8	2927.7	2722.6	2521.4
-35°	2821.3	2817.4	2798.1	2772.9	2743.9	2697.5	2612.3	2540.7	2407.2	2264.0	2124.7
-37.5°	2329.8	2339.5	2333.7	2320.1	2287.2	2248.5	2178.9	2113.1	2014.4	1888.6	1780.2
-40°	1940.8	1952.5	1944.7	1931.2	1902.1	1878.9	1832.5	1774.4	1695.1	1586.7	1495.8
-42.5°	1642.9	1650.6	1640.9	1629.3	1604.2	1586.7	1550.0	1501.6	1435.8	1352.6	1271.3
-45°	1406.8	1408.7	1399.0	1391.3	1371.9	1350.7	1319.7	1281.0	1228.8	1170.7	1104.9
-47.5°	1221.0	1219.1	1209.4	1201.7	1186.2	1166.8	1141.7	1106.8	1066.2	1021.7	969.5
-50°	1058.5	1068.1	1064.3	1056.5	1044.9	1031.4	1006.2	969.5	928.8	895.9	859.2
-52.5°	946.2	948.2	946.2	946.2	944.3	934.6	905.6	868.8	824.3	795.3	764.3
-55°	841.7	851.4	855.3	859.2	861.1	861.1	826.3	787.6	745.0	716.0	692.7
-57.5°	756.6	762.4	766.3	776.0	783.7	789.5	758.5	723.7	690.8	663.7	642.4
-60°	683.1	690.8	696.6	706.3	712.1	716.0	696.6	673.4	654.0	636.6	605.7
-62.5°	617.3	623.1	628.9	634.7	640.5	644.4	636.6	625.0	615.3	607.6	568.9
-65°	551.5	557.3	563.1	570.8	576.6	580.5	578.6	570.8	563.1	555.4	520.5
-67.5°	491.5	497.3	505.0	507.0	510.9	512.8	508.9	503.1	493.4	483.8	456.7
-70°	427.6	431.5	435.4	435.4	435.4	433.4	429.6	421.8	412.2	398.6	377.3
-72.5°	369.6	373.5	377.3	371.5	367.7	361.9	356.0	346.4	336.7	327.0	315.4
-75°	315.4	317.3	317.3	309.6	303.8	298.0	290.3	284.5	274.8	267.0	257.4
-77.5°	251.6	251.6	251.6	245.8	241.9	238.0	232.2	226.4	218.7	212.9	205.1
-80°	195.4	195.4	195.4	193.5	187.7	183.8	180.0	176.1	170.3	166.4	162.5
-82.5°	149.0	149.0	149.0	147.1	143.2	141.3	137.4	133.5	131.6	127.7	125.8
-85°	108.4	110.3	110.3	108.4	106.4	102.6	100.6	98.7	96.8	94.8	90.9
-87.5°	73.5	73.5	73.5	71.6	69.7	69.7	67.7	63.9	60.0	58.1	56.1
-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°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
85°	5.8	5.8	5.8	7.7	7.7	7.7	7.7	7.7	7.7	7.7	5.8
82.5°	9.7	9.7	11.6	11.6	13.5	13.5	13.5	13.5	13.5	13.5	13.5
80°	9.7	11.6	13.5	15.5	17.4	19.4	19.4	19.4	19.4	17.4	17.4
77.5°	11.6	11.6	13.5	15.5	17.4	19.4	21.3	23.2	21.3	21.3	21.3
75°	11.6	13.5	13.5	15.5	17.4	19.4	21.3	23.2	23.2	23.2	23.2
72.5°	9.7	11.6	13.5	15.5	15.5	17.4	19.4	19.4	21.3	21.3	23.2
70°	9.7	11.6	13.5	13.5	15.5	15.5	17.4	19.4	19.4	21.3	21.3
67.5°	11.6	13.5	13.5	15.5	17.4	17.4	17.4	19.4	19.4	21.3	21.3
65°	13.5	15.5	15.5	17.4	19.4	19.4	21.3	21.3	21.3	23.2	23.2
62.5°	23.2	23.2	23.2	21.3	23.2	23.2	23.2	25.2	25.2	23.2	25.2
60°	120.0	87.1	60.0	75.5	67.7	31.0	31.0	31.0	29.0	29.0	27.1
57.5°	282.5	263.2	226.4	191.6	172.2	152.9	94.8	38.7	38.7	34.8	31.0
55°	472.2	408.3	381.2	334.8	284.5	261.2	216.7	147.1	69.7	46.4	40.6
52.5°	731.4	671.5	601.8	507.0	439.3	385.1	348.3	276.7	185.8	98.7	61.9
50°	979.1	952.0	909.5	816.6	675.3	584.4	524.4	443.1	332.8	203.2	116.1
47.5°	1577.1	1350.7	1213.3	1141.7	1023.6	851.4	735.3	644.4	510.9	342.5	205.1
45°	1985.4	1842.2	1623.5	1472.6	1298.4	1116.5	965.6	861.1	702.4	512.8	321.2
42.5°	2335.6	2211.8	2014.4	1793.8	1610.0	1371.9	1178.4	1041.1	907.5	700.5	479.9
40°	2786.5	2639.4	2449.8	2235.0	2020.2	1716.4	1402.9	1236.5	1089.4	905.6	648.2
37.5°	3529.5	3270.2	2960.6	2722.6	2442.0	2184.7	1755.1	1461.0	1286.8	1095.2	845.6
35°	4423.5	4139.1	3622.4	3307.0	2931.6	2548.5	2161.4	1726.1	1478.4	1275.2	1027.5
32.5°	5255.6	4839.5	4177.8	3808.2	3558.5	2852.3	2451.7	2074.4	1675.7	1426.1	1132.0
30°	5485.8	5027.2	4553.2	4121.6	3695.9	3125.1	2651.0	2356.9	1923.4	1517.1	1230.7
27.5°	5253.6	4938.2	4570.6	4170.0	3709.5	3219.9	2772.9	2492.3	2105.3	1579.0	1308.1
25°	5017.6	4688.6	4431.3	4096.5	3670.8	3214.1	2776.8	2577.5	2246.6	1699.0	1350.7
22.5°	4767.9	4562.8	4350.0	3976.5	3574.0	3231.5	2902.6	2651.0	2320.1	1834.4	1368.1
20°	4781.5	4648.0	4413.8	3914.6	3556.6	3334.1	3053.5	2743.9	2399.5	1952.5	1381.6
17.5°	4998.2	4824.1	4529.9	4096.5	3713.3	3438.6	3179.3	2871.6	2480.7	2057.0	1546.1
15°	5265.3	5000.2	4692.5	4311.3	3877.8	3552.7	3276.0	2960.6	2573.6	2153.7	1693.2
12.5°	5458.8	5081.4	4793.1	4448.7	4055.9	3676.6	3339.9	3028.3	2660.7	2233.0	1803.5
10°	5524.6	5182.0	4841.5	4533.8	4146.8	3742.4	3388.3	3070.9	2736.2	2295.0	1884.7
7.5°	5559.4	5269.1	4874.4	4572.5	4201.0	3783.0	3427.0	3094.1	2796.1	2337.5	1937.0
5°	5555.5	5315.6	4899.5	4584.1	4230.0	3800.4	3454.1	3099.9	2838.7	2374.3	1967.9
2.5°	5538.1	5346.5	4940.2	4603.5	4288.1	3833.3	3506.3	3111.6	2854.2	2414.9	1989.2
0°	5602.0	5348.5	4982.7	4609.3	4326.8	3844.9	3529.5	3101.9	2832.9	2426.5	1987.3
-2.5°	5464.6	5234.3	4973.1	4559.0	4274.5	3817.8	3486.9	3070.9	2786.5	2413.0	1979.5
-5°	5441.3	5151.1	4891.8	4512.5	4187.4	3761.7	3407.6	3012.9	2712.9	2368.5	1948.6
-7.5°	5379.4	5071.7	4812.5	4475.8	4106.2	3703.7	3332.1	2952.9	2633.6	2298.8	1904.1
-10°	5244.0	4949.8	4727.3	4396.4	4007.5	3620.5	3241.2	2873.5	2540.7	2204.0	1834.4
-12.5°	5050.5	4756.3	4535.7	4228.1	3883.6	3508.2	3132.8	2771.0	2434.3	2103.4	1751.2
-15°	4831.8	4533.8	4313.2	4032.6	3699.8	3334.1	2995.4	2641.3	2312.4	1997.0	1652.5
-17.5°	4584.1	4301.6	4088.7	3815.9	3485.0	3136.7	2800.0	2478.8	2171.1	1886.7	1538.4
-20°	4297.7	4023.0	3827.5	3554.7	3250.9	2912.2	2585.2	2281.4	2004.7	1737.7	1412.6

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CATALOG NUMBER: IFLD-S-SA2C-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	3943.6	3701.7	3479.2	3235.4	2970.3	2660.7	2356.9	2087.9	1822.8	1561.6	1282.9
-25°	3581.8	3347.6	3130.9	2908.4	2654.9	2387.8	2128.5	1884.7	1625.4	1389.4	1157.2
-27.5°	3179.3	2970.3	2776.8	2571.7	2339.5	2109.2	1896.3	1658.3	1433.9	1232.6	1033.3
-30°	2749.7	2579.4	2411.1	2229.2	2041.5	1848.0	1658.3	1433.9	1257.8	1097.2	928.8
-32.5°	2337.5	2184.7	2049.2	1913.8	1751.2	1592.5	1424.2	1257.8	1110.7	969.5	828.2
-35°	1975.7	1813.1	1737.7	1629.3	1499.7	1356.5	1219.1	1103.0	984.9	857.2	731.4
-37.5°	1662.2	1557.7	1468.7	1387.4	1284.9	1161.0	1062.3	967.5	868.8	752.7	644.4
-40°	1416.5	1341.0	1252.0	1192.0	1108.8	1019.8	921.1	841.7	758.5	663.7	574.7
-42.5°	1219.1	1157.2	1099.1	1035.2	973.3	897.9	812.7	737.3	661.8	592.1	518.6
-45°	1056.5	1012.0	965.6	913.3	859.2	793.4	723.7	646.3	592.1	530.2	468.3
-47.5°	923.0	890.1	851.4	810.8	764.3	706.3	642.4	586.3	530.2	478.0	418.0
-50°	816.6	785.6	754.7	719.8	679.2	628.9	580.5	528.3	476.0	425.7	369.6
-52.5°	727.6	700.5	675.3	646.3	607.6	565.0	520.5	474.1	425.7	375.4	330.9
-55°	665.7	634.7	609.5	580.5	545.7	505.0	464.4	421.8	375.4	336.7	299.9
-57.5°	615.3	580.5	551.5	520.5	485.7	450.9	414.1	375.4	340.6	303.8	269.0
-60°	572.8	532.1	499.2	468.3	435.4	402.5	371.5	338.6	305.7	272.8	238.0
-62.5°	528.3	485.7	445.1	416.0	390.9	361.9	334.8	303.8	274.8	241.9	216.7
-65°	478.0	437.3	398.6	373.5	350.2	325.1	299.9	272.8	247.7	222.5	199.3
-67.5°	421.8	387.0	359.9	336.7	313.5	292.2	269.0	245.8	224.5	199.3	176.1
-70°	354.1	334.8	319.3	301.9	280.6	261.2	239.9	218.7	195.4	174.2	152.9
-72.5°	301.9	290.3	278.6	261.2	241.9	224.5	207.0	187.7	168.3	149.0	131.6
-75°	247.7	238.0	228.3	216.7	201.2	187.7	172.2	154.8	139.3	125.8	112.2
-77.5°	199.3	191.6	185.8	176.1	164.5	152.9	143.2	131.6	120.0	106.4	92.9
-80°	158.7	154.8	152.9	149.0	139.3	129.6	121.9	112.2	100.6	90.9	81.3
-82.5°	123.8	123.8	121.9	120.0	112.2	104.5	98.7	90.9	83.2	75.5	65.8
-85°	90.9	89.0	89.0	87.1	81.3	77.4	71.6	67.7	61.9	54.2	50.3
-87.5°	54.2	52.2	50.3	48.4	44.5	42.6	38.7	36.8	32.9	29.0	27.1
-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-S-SA2C-727-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°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	0.0	0.0
85°	5.8	3.9	3.9	3.9	3.9	3.9	1.9	1.9	1.9	1.9	1.9
82.5°	11.6	11.6	9.7	9.7	7.7	5.8	3.9	3.9	3.9	1.9	1.9
80°	17.4	17.4	17.4	15.5	13.5	9.7	7.7	5.8	3.9	1.9	1.9
77.5°	21.3	19.4	19.4	17.4	17.4	15.5	11.6	9.7	5.8	3.9	1.9
75°	21.3	21.3	21.3	19.4	19.4	17.4	15.5	11.6	9.7	5.8	3.9
72.5°	23.2	21.3	21.3	21.3	19.4	17.4	15.5	13.5	11.6	7.7	3.9
70°	21.3	21.3	21.3	21.3	19.4	19.4	15.5	13.5	13.5	7.7	5.8
67.5°	21.3	21.3	21.3	19.4	19.4	17.4	15.5	13.5	13.5	9.7	5.8
65°	23.2	21.3	21.3	21.3	19.4	17.4	15.5	13.5	13.5	11.6	7.7
62.5°	25.2	23.2	23.2	21.3	19.4	17.4	15.5	13.5	13.5	11.6	7.7
60°	27.1	25.2	23.2	23.2	21.3	19.4	15.5	15.5	13.5	11.6	7.7
57.5°	29.0	27.1	27.1	25.2	23.2	21.3	17.4	15.5	13.5	11.6	9.7
55°	34.8	31.0	29.0	29.0	27.1	23.2	19.4	15.5	13.5	11.6	9.7
52.5°	46.4	36.8	32.9	32.9	31.0	27.1	21.3	17.4	13.5	11.6	9.7
50°	73.5	46.4	38.7	34.8	34.8	31.0	25.2	19.4	13.5	11.6	9.7
47.5°	116.1	77.4	46.4	40.6	38.7	36.8	29.0	19.4	15.5	11.6	9.7
45°	191.6	114.2	75.5	48.4	40.6	38.7	32.9	21.3	15.5	13.5	9.7
42.5°	263.2	178.0	116.1	58.1	48.4	42.6	34.8	23.2	17.4	13.5	9.7
40°	414.1	243.8	162.5	94.8	56.1	44.5	38.7	27.1	17.4	13.5	9.7
37.5°	561.2	323.2	218.7	139.3	63.9	50.3	40.6	29.0	19.4	13.5	11.6
35°	708.2	452.8	270.9	185.8	85.1	60.0	42.6	31.0	19.4	13.5	11.6
32.5°	839.8	574.7	325.1	232.2	127.7	71.6	46.4	32.9	21.3	15.5	11.6
30°	948.2	686.9	421.8	272.8	166.4	87.1	50.3	32.9	23.2	15.5	11.6
27.5°	1029.4	774.0	520.5	315.4	199.3	102.6	58.1	36.8	23.2	15.5	11.6
25°	1095.2	841.7	607.6	359.9	228.3	127.7	69.7	38.7	25.2	17.4	11.6
22.5°	1147.5	897.9	679.2	419.9	263.2	152.9	85.1	42.6	25.2	17.4	11.6
20°	1219.1	954.0	727.6	483.8	299.9	176.1	98.7	46.4	25.2	17.4	13.5
17.5°	1281.0	1010.1	766.3	537.9	336.7	193.5	114.2	50.3	27.1	17.4	13.5
15°	1352.6	1064.3	801.1	580.5	371.5	209.0	127.7	54.2	27.1	19.4	13.5
12.5°	1430.0	1114.6	826.3	615.3	408.3	222.5	139.3	61.9	29.0	19.4	13.5
10°	1509.3	1157.2	847.5	640.5	435.4	236.1	147.1	69.7	31.0	19.4	13.5
7.5°	1588.7	1195.9	874.6	652.1	447.0	251.6	150.9	77.4	31.0	21.3	13.5
5°	1642.9	1221.0	913.3	659.8	452.8	269.0	156.7	87.1	32.9	21.3	13.5
2.5°	1689.3	1236.5	954.0	665.7	454.7	278.6	154.8	92.9	34.8	21.3	13.5
0°	1710.6	1236.5	981.1	661.8	448.9	288.3	154.8	98.7	34.8	21.3	13.5
-2.5°	1677.7	1271.3	973.3	663.7	450.9	288.3	162.5	100.6	38.7	23.2	13.5
-5°	1625.4	1284.9	950.1	654.0	447.0	288.3	172.2	102.6	40.6	23.2	15.5
-7.5°	1575.1	1290.7	923.0	644.4	441.2	280.6	174.2	100.6	44.5	25.2	15.5
-10°	1509.3	1226.8	888.2	627.0	429.6	274.8	178.0	100.6	46.4	25.2	15.5
-12.5°	1433.9	1149.4	845.6	601.8	416.0	269.0	180.0	100.6	48.4	27.1	15.5
-15°	1346.8	1070.1	797.2	574.7	396.7	261.2	176.1	98.7	50.3	27.1	17.4
-17.5°	1248.1	992.7	746.9	541.8	375.4	251.6	168.3	96.8	50.3	27.1	17.4
-20°	1135.9	915.3	690.8	508.9	350.2	239.9	160.6	92.9	50.3	27.1	17.4

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CATALOG NUMBER: IFLD-S-SA2C-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1035.2	843.7	632.8	472.2	323.2	226.4	150.9	89.0	50.3	29.0	17.4
-25°	952.0	774.0	588.3	435.4	294.1	210.9	141.3	85.1	50.3	29.0	17.4
-27.5°	865.0	698.6	541.8	400.6	274.8	197.4	131.6	81.3	48.4	29.0	17.4
-30°	776.0	625.0	493.4	361.9	255.4	183.8	123.8	75.5	48.4	29.0	17.4
-32.5°	694.7	565.0	448.9	323.2	234.1	170.3	116.1	73.5	46.4	29.0	17.4
-35°	615.3	510.9	402.5	292.2	210.9	156.7	108.4	71.6	46.4	29.0	17.4
-37.5°	549.6	460.5	359.9	270.9	197.4	145.1	100.6	67.7	44.5	29.0	17.4
-40°	495.4	414.1	319.3	247.7	185.8	133.5	92.9	65.8	44.5	29.0	17.4
-42.5°	445.1	369.6	294.1	228.3	174.2	125.8	87.1	63.9	42.6	29.0	17.4
-45°	400.6	330.9	269.0	210.9	160.6	116.1	83.2	60.0	40.6	29.0	19.4
-47.5°	356.0	303.8	245.8	195.4	147.1	104.5	79.3	58.1	38.7	27.1	19.4
-50°	321.2	274.8	226.4	178.0	133.5	100.6	75.5	54.2	38.7	27.1	19.4
-52.5°	290.3	247.7	205.1	160.6	121.9	94.8	71.6	50.3	36.8	27.1	19.4
-55°	261.2	222.5	183.8	143.2	114.2	89.0	65.8	46.4	36.8	27.1	19.4
-57.5°	232.2	199.3	162.5	129.6	104.5	83.2	61.9	46.4	36.8	27.1	19.4
-60°	209.0	178.0	147.1	120.0	96.8	75.5	56.1	44.5	34.8	27.1	19.4
-62.5°	189.6	160.6	133.5	108.4	89.0	67.7	54.2	44.5	34.8	27.1	17.4
-65°	170.3	145.1	120.0	98.7	79.3	63.9	52.2	42.6	34.8	27.1	17.4
-67.5°	150.9	127.7	108.4	87.1	73.5	61.9	50.3	42.6	32.9	25.2	17.4
-70°	131.6	112.2	94.8	81.3	69.7	58.1	48.4	40.6	32.9	23.2	15.5
-72.5°	116.1	98.7	85.1	75.5	65.8	56.1	46.4	38.7	31.0	21.3	13.5
-75°	98.7	87.1	77.4	67.7	60.0	52.2	44.5	34.8	27.1	19.4	13.5
-77.5°	83.2	75.5	67.7	61.9	54.2	46.4	38.7	31.0	25.2	17.4	11.6
-80°	71.6	65.8	60.0	54.2	48.4	40.6	34.8	27.1	21.3	15.5	9.7
-82.5°	58.1	54.2	48.4	44.5	40.6	34.8	29.0	23.2	15.5	11.6	7.7
-85°	44.5	40.6	38.7	34.8	31.0	25.2	19.4	15.5	11.6	7.7	3.9
-87.5°	23.2	21.3	19.4	17.4	15.5	11.6	9.7	7.7	5.8	3.9	1.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P722396

CATALOG NUMBER: IFLD-S-SA2C-727-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°	1.9	0.0	0.0	0.0
77.5°	1.9	0.0	0.0	0.0
75°	1.9	1.9	0.0	0.0
72.5°	1.9	1.9	0.0	0.0
70°	1.9	1.9	0.0	0.0
67.5°	3.9	1.9	0.0	0.0
65°	3.9	1.9	0.0	0.0
62.5°	3.9	1.9	0.0	0.0
60°	3.9	1.9	0.0	0.0
57.5°	5.8	1.9	1.9	0.0
55°	5.8	1.9	1.9	0.0
52.5°	5.8	1.9	1.9	0.0
50°	5.8	3.9	1.9	0.0
47.5°	5.8	3.9	1.9	0.0
45°	5.8	3.9	1.9	0.0
42.5°	5.8	3.9	1.9	0.0
40°	7.7	3.9	1.9	0.0
37.5°	7.7	3.9	1.9	0.0
35°	7.7	3.9	1.9	0.0
32.5°	7.7	3.9	1.9	0.0
30°	7.7	3.9	1.9	0.0
27.5°	7.7	5.8	1.9	0.0
25°	7.7	5.8	1.9	0.0
22.5°	9.7	5.8	1.9	0.0
20°	9.7	5.8	1.9	0.0
17.5°	9.7	5.8	1.9	0.0
15°	9.7	5.8	1.9	0.0
12.5°	9.7	5.8	1.9	0.0
10°	9.7	5.8	1.9	0.0
7.5°	9.7	5.8	1.9	0.0
5°	9.7	5.8	1.9	0.0
2.5°	9.7	5.8	1.9	0.0
0°	9.7	5.8	1.9	0.0
-2.5°	9.7	5.8	1.9	0.0
-5°	9.7	5.8	1.9	0.0
-7.5°	9.7	5.8	1.9	0.0
-10°	9.7	5.8	1.9	0.0
-12.5°	11.6	5.8	1.9	0.0
-15°	11.6	5.8	1.9	0.0
-17.5°	11.6	5.8	1.9	0.0
-20°	11.6	5.8	1.9	0.0



REPORT NUMBER: P722396

CATALOG NUMBER: IFLD-S-SA2C-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	11.6	5.8	1.9	0.0
-25°	11.6	5.8	1.9	0.0
-27.5°	11.6	5.8	1.9	0.0
-30°	11.6	5.8	1.9	0.0
-32.5°	11.6	5.8	1.9	0.0
-35°	11.6	5.8	1.9	0.0
-37.5°	11.6	5.8	1.9	0.0
-40°	11.6	5.8	1.9	0.0
-42.5°	9.7	5.8	1.9	0.0
-45°	11.6	5.8	1.9	0.0
-47.5°	11.6	5.8	1.9	0.0
-50°	11.6	5.8	1.9	0.0
-52.5°	11.6	5.8	1.9	0.0
-55°	11.6	5.8	1.9	0.0
-57.5°	11.6	5.8	1.9	0.0
-60°	11.6	5.8	1.9	0.0
-62.5°	9.7	5.8	1.9	0.0
-65°	9.7	3.9	1.9	0.0
-67.5°	9.7	3.9	1.9	0.0
-70°	9.7	3.9	1.9	0.0
-72.5°	7.7	3.9	1.9	0.0
-75°	7.7	3.9	1.9	0.0
-77.5°	5.8	1.9	0.0	0.0
-80°	5.8	1.9	0.0	0.0
-82.5°	3.9	1.9	0.0	0.0
-85°	1.9	1.9	0.0	0.0
-87.5°	1.9	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)