

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: P722226

Luminaire Tested: **IFLD-S-SA3B-927-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722226
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3B-927-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (48) 2700K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

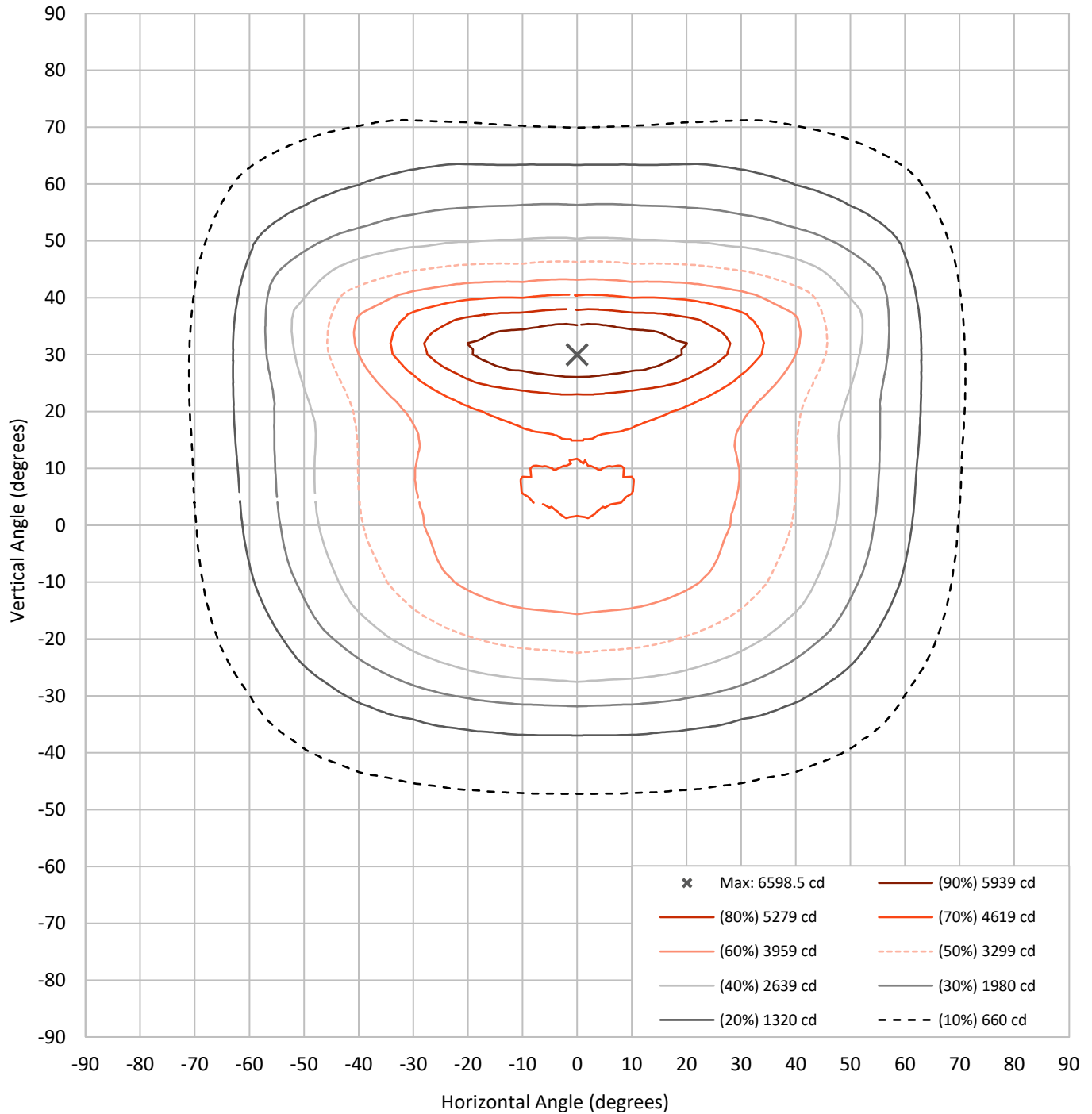
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	11014.6 lumens	Max Intensity:	6598.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	90.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	6405.1 lumens	Field Lumens:	10322.1 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 122.4
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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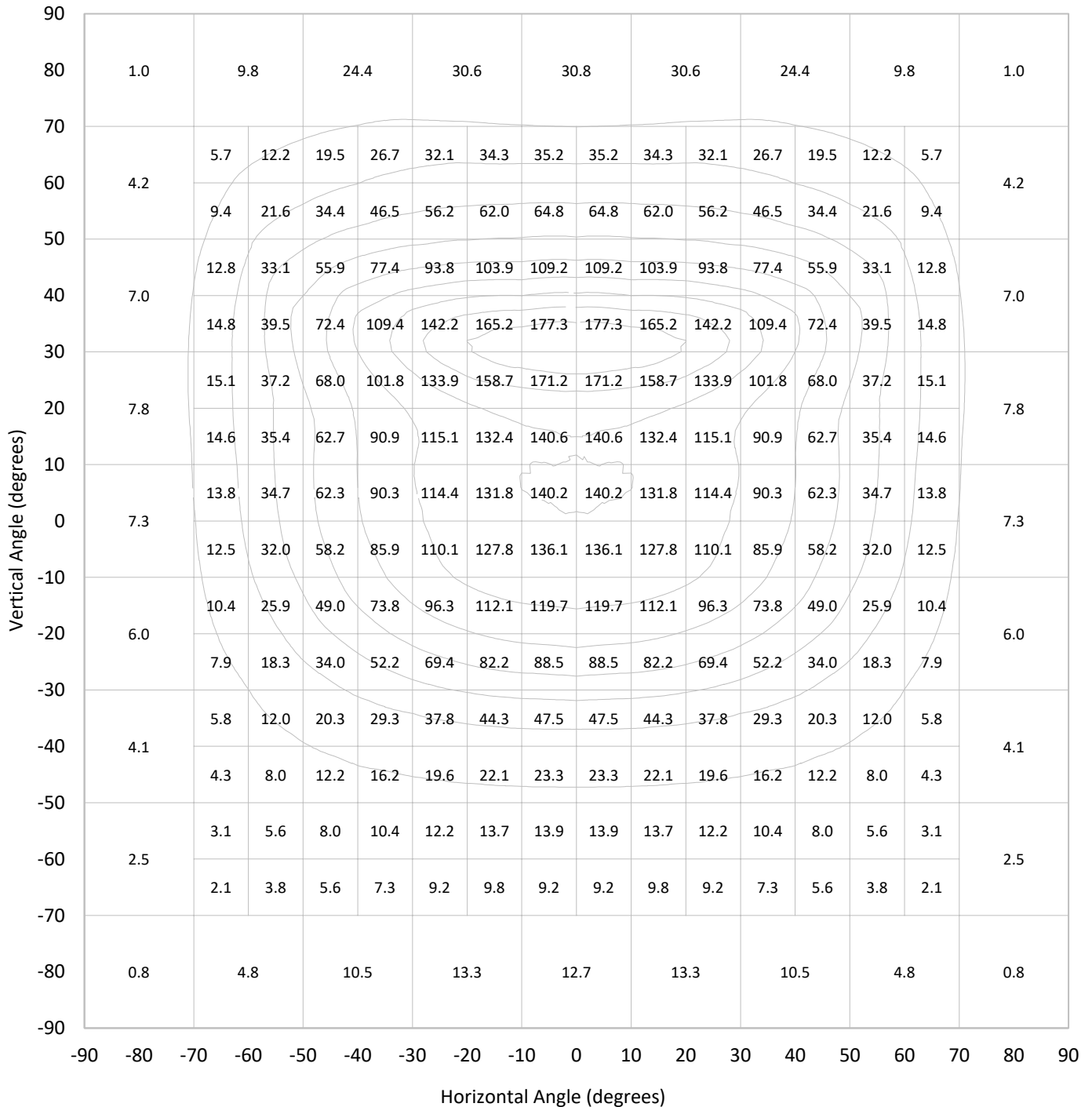
Iso-Candela Plot





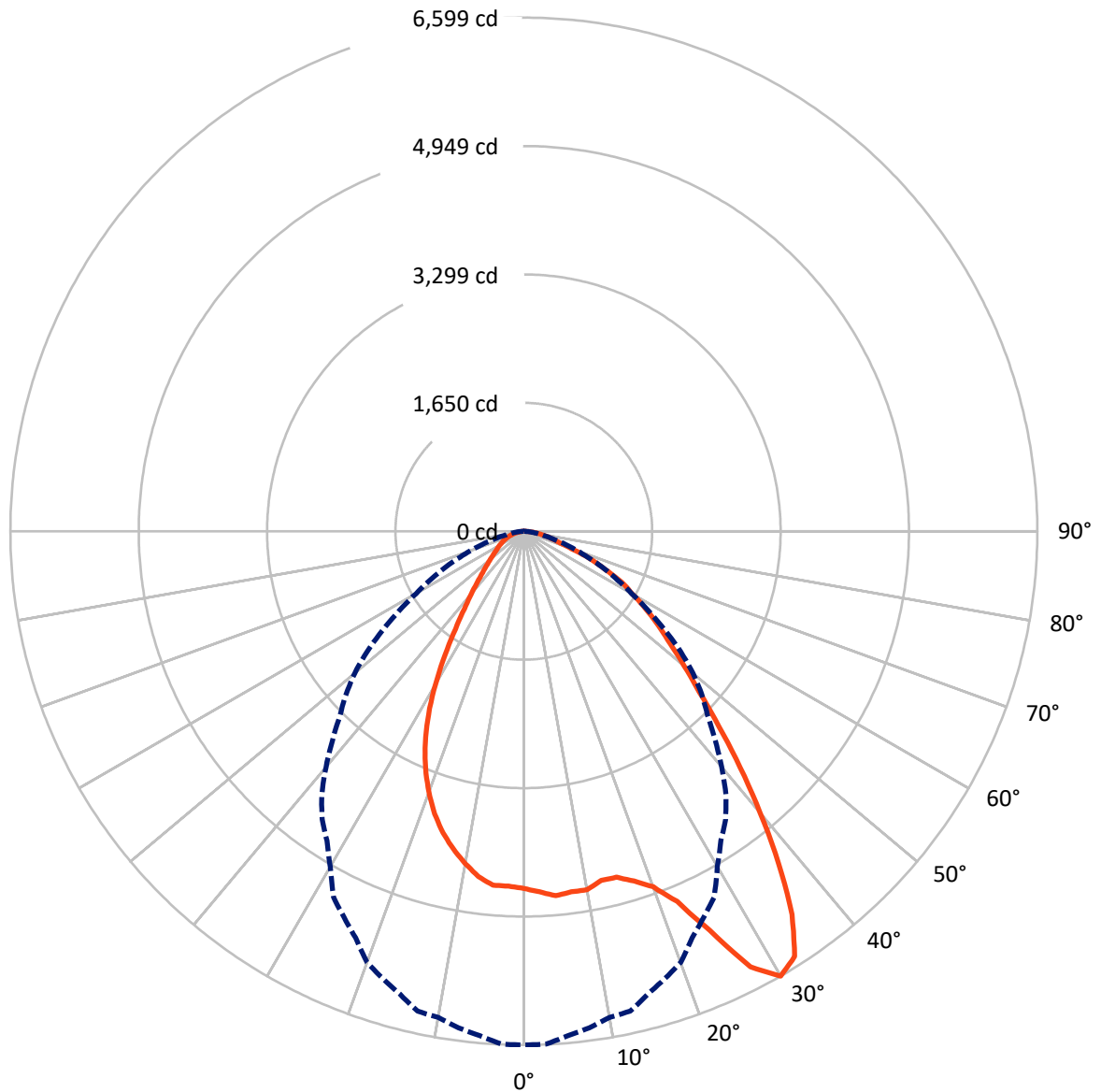
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Lumen Table



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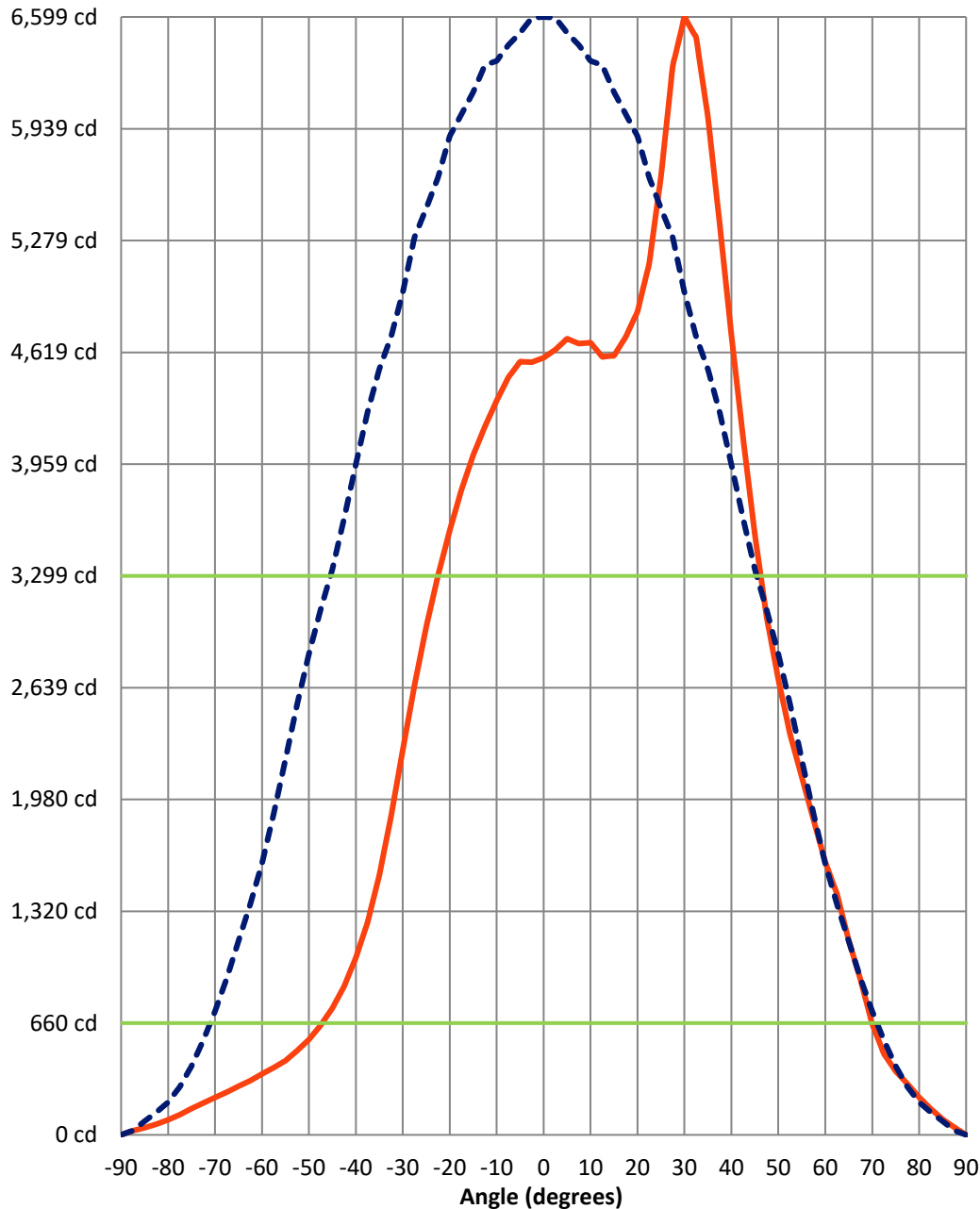
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 6405.1
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 10322.1
 Efficiency: 93.7%

Spill:
 Lumens: 692.5
 Efficiency: 6.3%

— 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°	44.3	45.5	46.7	46.7	45.5	45.5	45.5	44.3	45.5	45.5	45.5
85°	92.2	94.5	96.8	95.7	94.5	92.2	89.8	91.0	92.2	93.3	93.3
82.5°	152.9	156.4	158.7	157.5	155.2	152.9	150.5	151.7	154.0	155.2	155.2
80°	221.7	222.9	224.0	226.4	222.9	222.9	221.7	226.4	228.7	231.0	233.4
77.5°	301.0	302.2	302.2	303.4	304.5	305.7	305.7	313.9	319.7	323.2	326.7
75°	375.7	379.2	382.7	386.2	390.9	393.2	396.7	408.4	417.7	424.7	431.7
72.5°	478.4	483.1	488.9	497.1	505.2	511.1	519.2	533.2	543.8	550.8	558.9
70°	654.6	659.3	665.1	670.9	679.1	684.9	693.1	710.6	721.1	725.8	730.4
67.5°	916.0	927.6	938.1	926.5	920.6	912.5	914.8	931.1	941.6	948.6	947.5
65°	1148.2	1156.3	1156.3	1155.2	1150.5	1140.0	1145.8	1165.7	1177.3	1183.2	1165.7
62.5°	1421.2	1421.2	1415.4	1424.7	1425.9	1418.9	1415.4	1416.6	1417.7	1421.2	1392.0
60°	1610.2	1621.9	1625.4	1633.6	1635.9	1635.9	1641.8	1646.4	1646.4	1639.4	1605.6
57.5°	1860.0	1882.1	1886.8	1881.0	1869.3	1854.1	1851.8	1844.8	1830.8	1816.8	1800.4
55°	2112.0	2123.7	2122.5	2119.0	2107.3	2089.8	2092.2	2082.8	2060.7	2043.2	2021.0
52.5°	2365.2	2393.2	2397.9	2390.9	2374.5	2355.9	2357.0	2346.5	2324.4	2305.7	2275.4
50°	2688.4	2711.8	2709.4	2697.8	2674.4	2660.4	2661.6	2641.7	2616.1	2610.2	2570.6
47.5°	3058.3	3085.1	3080.5	3064.1	3032.6	3026.8	3032.6	3007.0	2991.8	2979.0	2932.3
45°	3543.7	3575.2	3557.7	3526.2	3476.0	3481.9	3490.0	3485.4	3452.7	3418.9	3359.4
42.5°	4113.1	4133.0	4112.0	4080.5	4017.5	4029.1	4024.5	3996.5	3976.6	3920.6	3844.8
40°	4722.2	4765.4	4732.7	4683.7	4618.4	4635.9	4623.0	4586.9	4540.2	4470.2	4374.5
37.5°	5379.2	5413.0	5375.7	5318.5	5260.1	5254.3	5228.6	5172.6	5106.1	5029.1	4876.3
35°	6008.1	6095.6	6026.8	5935.8	5864.6	5837.7	5813.2	5683.7	5607.9	5483.0	5274.2
32.5°	6476.0	6540.2	6455.0	6360.5	6274.1	6236.8	6150.5	5996.4	5955.6	5693.0	5501.7
30°	6598.5	6593.9	6505.2	6432.8	6339.5	6313.8	6155.1	6024.4	5893.7	5651.0	5469.0
27.5°	6306.8	6277.6	6192.5	6129.5	6037.3	6006.9	5850.6	5780.6	5578.7	5373.3	5219.3
25°	5656.9	5672.0	5607.9	5576.4	5515.7	5450.3	5388.5	5294.0	5168.0	4988.3	4847.1
22.5°	5144.6	5164.5	5137.6	5100.3	5053.6	5017.4	4970.8	4897.3	4775.9	4665.1	4532.0
20°	4859.9	4854.1	4830.7	4802.7	4758.4	4732.7	4681.4	4619.5	4526.2	4430.5	4287.0
17.5°	4710.6	4674.4	4652.2	4641.7	4618.4	4585.7	4525.0	4462.0	4389.7	4281.2	4176.1
15°	4599.7	4605.5	4588.0	4579.9	4561.2	4515.7	4453.9	4402.5	4304.5	4249.7	4154.0
12.5°	4592.7	4586.9	4588.0	4584.5	4561.2	4502.9	4471.4	4406.0	4343.0	4270.7	4161.0
10°	4675.6	4613.7	4618.4	4634.7	4597.4	4550.7	4516.9	4445.7	4386.2	4294.0	4185.5
7.5°	4670.9	4639.4	4648.7	4621.9	4633.6	4576.4	4529.7	4458.5	4383.8	4285.8	4187.8
5°	4698.9	4651.1	4642.9	4645.2	4616.0	4572.9	4509.9	4442.2	4372.2	4262.5	4162.1
2.5°	4634.7	4641.7	4604.4	4590.4	4586.9	4514.5	4456.2	4390.8	4318.5	4221.7	4131.8
0°	4586.9	4599.7	4561.2	4541.4	4540.2	4478.4	4441.0	4366.3	4315.0	4234.5	4126.0
-2.5°	4561.2	4576.4	4581.0	4544.9	4509.9	4462.0	4399.0	4318.5	4234.5	4141.1	4047.8
-5°	4563.5	4533.2	4520.4	4532.0	4501.7	4453.9	4383.8	4312.7	4229.8	4129.5	4012.8
-7.5°	4471.4	4441.0	4438.7	4432.9	4425.9	4380.3	4322.0	4245.0	4161.0	4067.6	3959.1
-10°	4333.7	4311.5	4305.7	4299.8	4281.2	4254.3	4199.5	4129.5	4053.6	3960.3	3844.8
-12.5°	4180.8	4170.3	4148.1	4133.0	4114.3	4082.8	4030.3	3966.1	3890.3	3807.4	3708.2
-15°	4011.6	3991.8	3969.6	3956.8	3929.9	3892.6	3840.1	3780.6	3697.7	3616.1	3522.7
-17.5°	3807.4	3782.9	3758.4	3754.9	3736.2	3679.1	3630.1	3557.7	3485.4	3407.2	3316.2
-20°	3567.1	3533.2	3516.9	3507.5	3481.9	3439.9	3387.4	3320.8	3250.8	3176.2	3071.1



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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°	3301.0	3271.8	3243.8	3226.3	3204.2	3171.5	3121.3	3063.0	2994.1	2910.1	2813.3
-25°	2998.8	2958.0	2940.5	2920.6	2909.0	2878.6	2829.6	2775.9	2704.8	2623.1	2530.9
-27.5°	2653.4	2620.7	2611.4	2583.4	2569.4	2537.9	2497.1	2446.9	2381.5	2304.5	2228.7
-30°	2271.9	2252.0	2236.8	2208.8	2198.3	2164.5	2137.7	2095.7	2036.1	1981.3	1920.6
-32.5°	1879.8	1860.0	1855.3	1842.5	1835.5	1813.3	1782.9	1752.6	1704.8	1663.9	1614.9
-35°	1532.1	1518.1	1519.2	1518.1	1511.1	1494.7	1457.4	1449.2	1414.2	1376.9	1345.4
-37.5°	1254.4	1255.5	1254.4	1253.2	1243.9	1236.9	1210.0	1199.5	1178.5	1142.3	1123.7
-40°	1045.5	1047.8	1046.7	1044.3	1033.8	1030.3	1012.8	998.8	990.7	965.0	945.1
-42.5°	876.3	879.8	878.6	877.5	870.5	869.3	860.0	843.6	839.0	823.8	802.8
-45°	747.9	746.8	744.4	746.8	743.3	739.8	733.9	723.4	717.6	710.6	693.1
-47.5°	646.4	647.6	645.3	645.3	640.6	637.1	634.8	627.8	623.1	617.3	606.8
-50°	562.4	567.1	565.9	564.8	561.3	558.9	558.9	551.9	544.9	542.6	535.6
-52.5°	497.1	500.6	501.7	504.1	505.2	506.4	502.9	495.9	484.2	483.1	479.6
-55°	437.6	448.1	455.1	459.7	464.4	467.9	460.9	451.6	439.9	435.2	434.1
-57.5°	396.7	407.2	415.4	422.4	428.2	434.1	427.1	417.7	407.2	401.4	400.2
-60°	359.4	368.7	376.9	386.2	394.4	403.7	400.2	393.2	387.4	382.7	378.1
-62.5°	319.7	329.1	338.4	350.1	360.6	369.9	371.1	369.9	368.7	369.9	361.7
-65°	287.0	291.7	297.5	310.4	322.0	332.6	338.4	341.9	347.7	353.6	345.4
-67.5°	252.0	257.9	264.9	274.2	283.5	290.5	298.7	308.0	317.4	326.7	320.9
-70°	220.5	225.2	231.0	235.7	241.5	246.2	253.2	263.7	274.2	283.5	281.2
-72.5°	187.9	192.5	196.0	198.4	201.9	204.2	207.7	217.0	224.0	228.7	228.7
-75°	155.2	159.9	163.4	164.5	166.9	168.0	170.4	173.9	177.4	178.5	179.7
-77.5°	119.0	123.7	127.2	129.5	131.9	134.2	135.4	137.7	138.9	138.9	140.0
-80°	88.7	92.2	94.5	98.0	99.2	101.5	103.8	105.0	106.2	106.2	107.3
-82.5°	63.0	65.3	67.7	70.0	72.3	73.5	75.8	77.0	78.2	79.3	80.5
-85°	42.0	44.3	46.7	49.0	50.2	51.3	52.5	53.7	54.8	56.0	57.2
-87.5°	24.5	25.7	26.8	29.2	30.3	32.7	33.8	32.7	33.8	33.8	33.8
-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°	45.5	45.5	45.5	45.5	44.3	42.0	40.8	38.5	36.2	33.8	31.5
85°	94.5	95.7	95.7	95.7	93.3	92.2	88.7	85.2	80.5	73.5	67.7
82.5°	157.5	158.7	158.7	157.5	155.2	151.7	147.0	141.2	131.9	122.5	114.4
80°	236.9	238.0	238.0	236.9	231.0	225.2	219.4	212.4	200.7	187.9	173.9
77.5°	331.4	333.7	333.7	330.2	322.0	315.0	305.7	294.0	276.5	257.9	239.2
75°	441.1	446.9	448.1	444.6	434.1	421.2	406.1	386.2	359.4	336.1	313.9
72.5°	568.3	574.1	578.8	574.1	558.9	541.4	519.2	495.9	469.1	437.6	400.2
70°	735.1	740.9	744.4	729.3	702.4	673.3	646.4	619.6	588.1	549.6	508.7
67.5°	945.1	939.3	932.3	902.0	868.1	833.1	795.8	756.1	715.3	674.4	626.6
65°	1147.0	1130.7	1115.5	1079.3	1036.2	990.7	947.5	903.1	854.1	802.8	757.3
62.5°	1359.4	1324.4	1287.0	1242.7	1198.4	1148.2	1105.0	1052.5	997.7	934.6	876.3
60°	1568.2	1526.2	1488.9	1434.1	1375.7	1308.0	1261.4	1210.0	1145.8	1078.2	1009.3
57.5°	1770.1	1724.6	1683.8	1635.9	1572.9	1499.4	1448.1	1381.5	1313.9	1228.7	1158.7
55°	1984.8	1939.3	1906.6	1853.0	1784.1	1716.4	1660.4	1590.4	1495.9	1404.9	1318.5
52.5°	2231.0	2194.8	2159.8	2105.0	2022.1	1953.3	1891.5	1813.3	1714.1	1602.1	1498.2
50°	2506.4	2487.7	2450.4	2386.2	2291.7	2231.0	2149.3	2045.5	1939.3	1821.4	1691.9
47.5°	2871.6	2841.3	2788.8	2718.8	2639.4	2548.4	2438.7	2317.4	2166.8	2036.1	1898.5
45°	3308.0	3252.0	3184.3	3089.8	2991.8	2889.1	2768.9	2614.9	2413.0	2242.7	2098.0
42.5°	3780.6	3704.7	3612.6	3488.9	3361.7	3235.7	3106.1	2896.1	2644.1	2448.0	2284.7
40°	4274.2	4177.3	4061.8	3882.1	3740.9	3578.7	3430.5	3116.6	2848.3	2635.9	2462.0
37.5°	4757.2	4634.7	4441.0	4222.8	4058.3	3925.3	3599.7	3263.7	3023.3	2789.9	2613.7
35°	5127.1	5023.3	4681.4	4455.0	4313.8	4103.8	3696.6	3352.4	3098.0	2904.3	2630.1
32.5°	5346.5	5078.1	4778.2	4549.5	4432.9	4088.6	3703.6	3378.0	3133.0	2916.0	2588.1
30°	5297.5	4973.1	4710.6	4519.2	4266.0	3956.8	3638.2	3338.4	3100.3	2837.8	2541.4
27.5°	5002.3	4751.4	4516.9	4317.3	4068.8	3791.1	3497.0	3233.3	3011.6	2757.3	2477.2
25°	4668.6	4441.0	4267.2	4093.3	3857.6	3592.7	3333.7	3143.5	2920.6	2669.7	2393.2
22.5°	4361.7	4198.3	4061.8	3879.8	3649.9	3418.9	3257.8	3060.6	2831.9	2577.6	2306.9
20°	4165.6	4054.8	3898.4	3697.7	3516.9	3372.2	3193.7	2984.8	2749.1	2483.1	2233.3
17.5°	4071.1	3942.8	3768.9	3638.2	3499.4	3340.7	3141.2	2919.5	2668.6	2439.9	2241.5
15°	4022.1	3886.8	3772.4	3644.1	3487.7	3320.8	3099.1	2869.3	2668.6	2457.4	2247.3
12.5°	4032.6	3915.9	3791.1	3651.1	3483.0	3304.5	3103.8	2890.3	2682.6	2470.2	2248.5
10°	4065.3	3942.8	3809.8	3654.6	3485.4	3309.2	3116.6	2903.1	2689.6	2476.1	2246.2
7.5°	4077.0	3943.9	3801.6	3645.2	3479.5	3306.8	3119.0	2906.6	2690.8	2474.9	2239.2
5°	4040.8	3920.6	3782.9	3625.4	3463.2	3295.2	3109.6	2901.9	2681.4	2463.2	2221.7
2.5°	3991.8	3894.9	3763.1	3611.4	3446.9	3278.8	3094.5	2880.9	2660.4	2442.2	2199.5
0°	3983.6	3863.4	3730.4	3595.1	3420.0	3242.7	3059.5	2841.3	2621.9	2402.5	2161.0
-2.5°	3929.9	3802.8	3669.7	3522.7	3368.7	3190.2	2997.6	2784.1	2567.1	2351.2	2119.0
-5°	3889.1	3747.9	3606.7	3448.0	3292.8	3114.3	2914.8	2707.1	2494.7	2284.7	2060.7
-7.5°	3834.3	3689.6	3541.4	3375.7	3207.7	3025.6	2828.4	2620.7	2411.9	2203.0	1988.3
-10°	3723.4	3596.2	3457.4	3285.8	3108.5	2926.5	2730.4	2526.2	2317.4	2106.2	1890.3
-12.5°	3589.2	3455.0	3303.3	3145.8	2987.1	2817.9	2621.9	2421.2	2211.2	1998.8	1784.1
-15°	3415.4	3283.5	3128.3	2974.3	2821.4	2659.2	2486.6	2305.7	2092.2	1883.3	1668.6
-17.5°	3198.3	3074.6	2935.8	2788.8	2637.1	2473.7	2305.7	2152.8	1953.3	1757.3	1544.9
-20°	2965.0	2849.4	2724.6	2585.7	2434.0	2274.2	2115.5	1955.6	1782.9	1610.2	1413.1



REPORT NUMBER: P722226

CATALOG NUMBER: IFLD-S-SA3B-927-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	2722.3	2605.6	2479.6	2350.0	2210.0	2061.8	1914.8	1761.9	1610.2	1453.9	1287.0
-25°	2442.2	2339.5	2224.0	2098.0	1973.1	1843.6	1703.6	1564.7	1435.2	1299.9	1163.3
-27.5°	2149.3	2054.8	1949.8	1840.1	1732.8	1624.3	1502.9	1374.5	1267.2	1155.2	1042.0
-30°	1841.3	1765.4	1680.3	1584.6	1501.7	1414.2	1312.7	1206.5	1108.5	1023.3	932.3
-32.5°	1549.6	1485.4	1424.7	1361.7	1280.0	1212.4	1142.3	1064.2	977.8	897.3	832.0
-35°	1298.7	1229.9	1204.2	1157.5	1099.2	1039.7	988.3	932.3	867.0	795.8	742.1
-37.5°	1087.5	1046.7	1010.5	984.8	946.3	898.5	857.6	816.8	766.6	712.9	659.3
-40°	923.0	895.0	855.3	842.5	818.0	785.3	743.3	711.8	677.9	637.1	591.6
-42.5°	791.1	770.1	744.4	722.3	711.8	688.4	655.8	625.4	598.6	570.6	535.6
-45°	682.6	668.6	652.3	632.4	624.3	605.6	582.3	548.4	533.2	509.9	484.2
-47.5°	595.1	588.1	576.4	563.6	551.9	537.9	516.9	495.9	474.9	459.7	439.9
-50°	526.2	521.6	514.6	504.1	488.9	479.6	465.6	446.9	427.1	414.2	400.2
-52.5°	471.4	466.7	462.1	453.9	442.2	432.9	421.2	406.1	389.7	376.9	365.2
-55°	429.4	422.4	418.9	411.9	402.6	392.1	381.6	371.1	357.1	345.4	333.7
-57.5°	396.7	387.4	382.7	376.9	367.6	357.1	348.9	338.4	329.1	316.2	305.7
-60°	371.1	360.6	351.2	345.4	337.2	326.7	318.5	310.4	301.0	290.5	277.7
-62.5°	350.1	337.2	324.4	317.4	309.2	299.9	291.7	283.5	274.2	263.7	252.0
-65°	330.2	315.0	298.7	291.7	283.5	274.2	263.7	257.9	249.7	240.4	228.7
-67.5°	305.7	289.4	275.4	267.2	259.0	250.9	241.5	235.7	227.5	215.9	204.2
-70°	269.5	259.0	249.7	242.7	235.7	228.7	219.4	210.0	200.7	190.2	179.7
-72.5°	224.0	220.5	219.4	215.9	207.7	199.5	190.2	180.9	172.7	164.5	156.4
-75°	180.9	183.2	185.5	184.4	176.2	168.0	159.9	151.7	145.9	138.9	131.9
-77.5°	143.5	145.9	148.2	148.2	142.4	137.7	131.9	126.0	121.4	115.5	108.5
-80°	110.9	114.4	117.9	120.2	115.5	112.0	107.3	102.7	98.0	93.3	88.7
-82.5°	84.0	87.5	91.0	93.3	89.8	87.5	84.0	80.5	77.0	72.3	68.8
-85°	60.7	63.0	65.3	66.5	64.2	61.8	59.5	57.2	54.8	51.3	49.0
-87.5°	35.0	36.2	37.3	38.5	36.2	33.8	32.7	30.3	29.2	26.8	25.7
-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-S-SA3B-927-U-76

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°	29.2	26.8	24.5	23.3	21.0	17.5	15.2	12.8	10.5	8.2	7.0
85°	61.8	56.0	49.0	45.5	40.8	36.2	31.5	26.8	22.2	17.5	12.8
82.5°	106.2	99.2	92.2	84.0	73.5	60.7	47.8	39.7	32.7	25.7	19.8
80°	159.9	147.0	135.4	124.9	113.2	96.8	79.3	63.0	44.3	33.8	25.7
77.5°	221.7	206.5	190.2	172.7	154.0	131.9	112.0	91.0	68.8	46.7	32.7
75°	291.7	271.9	249.7	225.2	200.7	171.5	143.5	119.0	93.3	65.3	39.7
72.5°	369.9	345.4	318.5	285.9	247.4	213.5	179.7	147.0	116.7	82.8	53.7
70°	470.2	431.7	392.1	357.1	308.0	254.4	214.7	177.4	138.9	101.5	67.7
67.5°	577.6	530.9	483.1	431.7	369.9	306.9	249.7	207.7	162.2	119.0	80.5
65°	694.3	635.9	575.3	518.1	432.9	358.2	294.0	236.9	184.4	135.4	93.3
62.5°	814.5	745.6	675.6	600.9	502.9	410.7	336.1	269.5	205.4	150.5	105.0
60°	942.8	862.3	777.1	683.8	569.4	467.9	375.7	303.4	227.5	165.7	117.9
57.5°	1078.2	990.7	890.3	764.3	638.3	522.7	421.2	333.7	247.4	179.7	127.2
55°	1225.2	1124.8	1015.2	848.3	705.9	577.6	466.7	364.1	268.4	191.4	136.5
52.5°	1383.9	1267.2	1128.3	937.0	777.1	633.6	508.7	390.9	288.2	204.2	144.7
50°	1561.2	1414.2	1227.5	1018.7	839.0	686.1	550.8	420.1	304.5	218.2	151.7
47.5°	1745.6	1586.9	1316.2	1094.5	902.0	737.4	593.9	445.7	320.9	229.9	158.7
45°	1938.1	1707.1	1408.4	1162.2	956.8	784.1	626.6	469.1	340.7	240.4	164.5
42.5°	2128.3	1798.1	1488.9	1229.9	1008.2	826.1	653.4	491.2	357.1	250.9	170.4
40°	2218.2	1867.0	1553.1	1276.5	1051.3	863.5	676.8	511.1	371.1	257.9	176.2
37.5°	2255.5	1909.0	1595.1	1320.9	1085.2	883.3	696.6	528.6	382.7	264.9	180.9
35°	2263.7	1924.1	1616.1	1351.2	1113.2	902.0	711.8	541.4	392.1	271.9	185.5
32.5°	2248.5	1919.5	1621.9	1361.7	1130.7	916.0	722.3	550.8	399.1	278.9	190.2
30°	2214.7	1895.0	1600.9	1360.5	1143.5	924.1	729.3	557.8	406.1	283.5	192.5
27.5°	2159.8	1851.8	1574.1	1361.7	1150.5	927.6	732.8	561.3	410.7	287.0	197.2
25°	2092.2	1793.4	1575.2	1359.4	1151.7	928.8	732.8	561.3	411.9	288.2	200.7
22.5°	2014.0	1793.4	1575.2	1355.9	1144.7	926.5	729.3	558.9	411.9	290.5	204.2
20°	2018.6	1794.6	1571.7	1348.9	1134.2	919.5	721.1	553.1	408.4	294.0	206.5
17.5°	2022.1	1792.3	1564.7	1339.5	1120.2	907.8	710.6	544.9	408.4	297.5	207.7
15°	2022.1	1785.3	1554.2	1325.5	1102.7	891.5	695.4	537.9	409.6	298.7	210.0
12.5°	2018.6	1772.4	1537.9	1306.9	1081.7	871.6	686.1	535.6	409.6	299.9	210.0
10°	2011.6	1754.9	1516.9	1283.5	1061.8	864.6	681.4	530.9	407.2	299.9	210.0
7.5°	1998.8	1733.9	1499.4	1269.5	1050.2	856.5	674.4	523.9	403.7	297.5	212.4
5°	1979.0	1722.3	1485.4	1253.2	1033.8	850.6	669.8	518.1	401.4	297.5	210.0
2.5°	1953.3	1708.3	1469.1	1232.2	1015.2	830.8	654.6	505.2	393.2	292.9	207.7
0°	1911.3	1680.3	1441.1	1203.0	989.5	811.0	639.4	492.4	385.1	288.2	205.4
-2.5°	1872.8	1642.9	1404.9	1172.7	965.0	793.5	627.8	485.4	381.6	287.0	204.2
-5°	1819.1	1591.6	1357.0	1133.0	932.3	776.0	616.1	477.2	378.1	284.7	204.2
-7.5°	1759.6	1537.9	1306.9	1092.2	899.6	745.6	593.9	464.4	369.9	280.0	203.0
-10°	1667.4	1457.4	1243.9	1045.5	864.6	718.8	575.3	452.7	362.9	275.4	198.4
-12.5°	1569.4	1368.7	1171.5	988.3	825.0	690.8	554.3	439.9	354.7	270.7	196.0
-15°	1465.6	1277.7	1095.7	928.8	781.8	656.9	532.1	425.9	346.6	264.9	192.5
-17.5°	1357.0	1182.0	1017.5	868.1	738.6	621.9	508.7	413.1	337.2	259.0	189.0
-20°	1242.7	1084.0	938.1	806.3	693.1	586.9	484.2	397.9	326.7	252.0	184.4



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CATALOG NUMBER: IFLD-S-SA3B-927-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1129.5	987.2	856.5	745.6	646.4	550.8	459.7	382.7	315.0	243.9	180.9
-25°	1029.2	896.1	784.1	687.3	600.9	515.7	434.1	367.6	302.2	235.7	176.2
-27.5°	931.1	818.0	712.9	632.4	556.6	481.9	409.6	351.2	289.4	226.4	171.5
-30°	840.1	743.3	656.9	578.8	514.6	451.6	388.6	334.9	275.4	217.0	165.7
-32.5°	757.3	679.1	606.8	532.1	474.9	421.2	368.7	318.5	261.4	207.7	159.9
-35°	680.3	619.6	556.6	493.6	435.2	393.2	347.7	301.0	248.5	197.2	154.0
-37.5°	611.4	562.4	512.2	458.6	408.4	366.4	327.9	283.5	235.7	187.9	148.2
-40°	551.9	512.2	467.9	424.7	382.7	343.1	308.0	266.0	222.9	180.9	142.4
-42.5°	497.1	466.7	430.6	394.4	357.1	322.0	288.2	247.4	210.0	172.7	136.5
-45°	455.1	424.7	395.6	362.9	331.4	301.0	267.2	231.0	198.4	163.4	130.7
-47.5°	415.4	388.6	361.7	334.9	309.2	281.2	247.4	217.0	185.5	155.2	126.0
-50°	380.4	354.7	331.4	308.0	285.9	259.0	227.5	203.0	175.0	147.0	120.2
-52.5°	347.7	325.6	302.2	283.5	264.9	238.0	212.4	189.0	164.5	137.7	114.4
-55°	318.5	297.5	276.5	259.0	241.5	218.2	197.2	177.4	154.0	130.7	108.5
-57.5°	290.5	273.0	253.2	236.9	219.4	200.7	183.2	164.5	143.5	123.7	102.7
-60°	264.9	248.5	231.0	214.7	199.5	184.4	168.0	152.9	134.2	115.5	96.8
-62.5°	239.2	225.2	210.0	193.7	182.0	168.0	155.2	140.0	124.9	108.5	86.3
-65°	215.9	203.0	189.0	175.0	164.5	154.0	142.4	128.4	115.5	100.3	77.0
-67.5°	192.5	180.9	169.2	157.5	148.2	140.0	128.4	117.9	107.3	91.0	67.7
-70°	170.4	161.0	150.5	141.2	134.2	124.9	116.7	107.3	98.0	79.3	57.2
-72.5°	149.4	140.0	131.9	124.9	119.0	110.9	103.8	96.8	84.0	66.5	47.8
-75°	124.9	119.0	114.4	108.5	102.7	96.8	91.0	82.8	70.0	53.7	37.3
-77.5°	102.7	99.2	95.7	91.0	86.3	81.7	74.7	66.5	56.0	42.0	30.3
-80°	84.0	80.5	78.2	73.5	70.0	65.3	58.3	51.3	40.8	32.7	24.5
-82.5°	64.2	61.8	59.5	57.2	53.7	49.0	42.0	36.2	30.3	24.5	18.7
-85°	45.5	44.3	42.0	39.7	36.2	32.7	28.0	24.5	21.0	16.3	12.8
-87.5°	23.3	22.2	21.0	19.8	18.7	16.3	14.0	11.7	10.5	8.2	5.8
-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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 CATALOG NUMBER: IFLD-S-SA3B-927-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	4.7	3.5	1.2	0.0
85°	9.3	5.8	2.3	0.0
82.5°	14.0	9.3	3.5	0.0
80°	18.7	11.7	5.8	0.0
77.5°	23.3	14.0	7.0	0.0
75°	28.0	17.5	8.2	0.0
72.5°	31.5	19.8	9.3	0.0
70°	37.3	23.3	10.5	0.0
67.5°	46.7	25.7	11.7	0.0
65°	54.8	28.0	12.8	0.0
62.5°	64.2	30.3	14.0	0.0
60°	72.3	32.7	15.2	0.0
57.5°	80.5	38.5	16.3	0.0
55°	87.5	43.2	17.5	0.0
52.5°	95.7	47.8	18.7	0.0
50°	102.7	52.5	19.8	0.0
47.5°	108.5	57.2	19.8	0.0
45°	113.2	60.7	21.0	0.0
42.5°	116.7	64.2	22.2	0.0
40°	120.2	67.7	23.3	0.0
37.5°	123.7	71.2	23.3	0.0
35°	127.2	74.7	24.5	0.0
32.5°	130.7	78.2	24.5	0.0
30°	133.0	80.5	25.7	0.0
27.5°	136.5	82.8	25.7	0.0
25°	137.7	85.2	26.8	0.0
22.5°	140.0	86.3	26.8	0.0
20°	142.4	88.7	26.8	0.0
17.5°	143.5	89.8	28.0	0.0
15°	143.5	91.0	29.2	0.0
12.5°	144.7	92.2	29.2	0.0
10°	144.7	94.5	28.0	0.0
7.5°	147.0	93.3	28.0	0.0
5°	145.9	93.3	28.0	0.0
2.5°	144.7	92.2	28.0	0.0
0°	143.5	92.2	28.0	0.0
-2.5°	143.5	92.2	28.0	0.0
-5°	143.5	92.2	28.0	0.0
-7.5°	142.4	93.3	28.0	0.0
-10°	140.0	93.3	28.0	0.0
-12.5°	138.9	89.8	28.0	0.0
-15°	137.7	88.7	28.0	0.0
-17.5°	135.4	87.5	26.8	0.0
-20°	133.0	86.3	26.8	0.0



REPORT NUMBER: P722226
 CATALOG NUMBER: IFLD-S-SA3B-927-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	130.7	84.0	26.8	0.0
-25°	128.4	81.7	25.7	0.0
-27.5°	126.0	79.3	25.7	0.0
-30°	122.5	77.0	24.5	0.0
-32.5°	119.0	74.7	24.5	0.0
-35°	116.7	71.2	23.3	0.0
-37.5°	113.2	67.7	23.3	0.0
-40°	109.7	64.2	22.2	0.0
-42.5°	106.2	60.7	21.0	0.0
-45°	101.5	57.2	21.0	0.0
-47.5°	98.0	53.7	19.8	0.0
-50°	92.2	49.0	18.7	0.0
-52.5°	85.2	44.3	17.5	0.0
-55°	78.2	40.8	16.3	0.0
-57.5°	71.2	36.2	16.3	0.0
-60°	64.2	31.5	15.2	0.0
-62.5°	57.2	29.2	14.0	0.0
-65°	50.2	26.8	12.8	0.0
-67.5°	42.0	23.3	11.7	0.0
-70°	35.0	21.0	10.5	0.0
-72.5°	30.3	18.7	9.3	0.0
-75°	25.7	16.3	8.2	0.0
-77.5°	22.2	14.0	7.0	0.0
-80°	17.5	10.5	4.7	0.0
-82.5°	12.8	8.2	3.5	0.0
-85°	8.2	5.8	2.3	0.0
-87.5°	4.7	2.3	1.2	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)