

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: P722286

Luminaire Tested: **IFLD-S-SA3D-935-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722286  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3D-935-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (48) 3500K CCT, 90 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

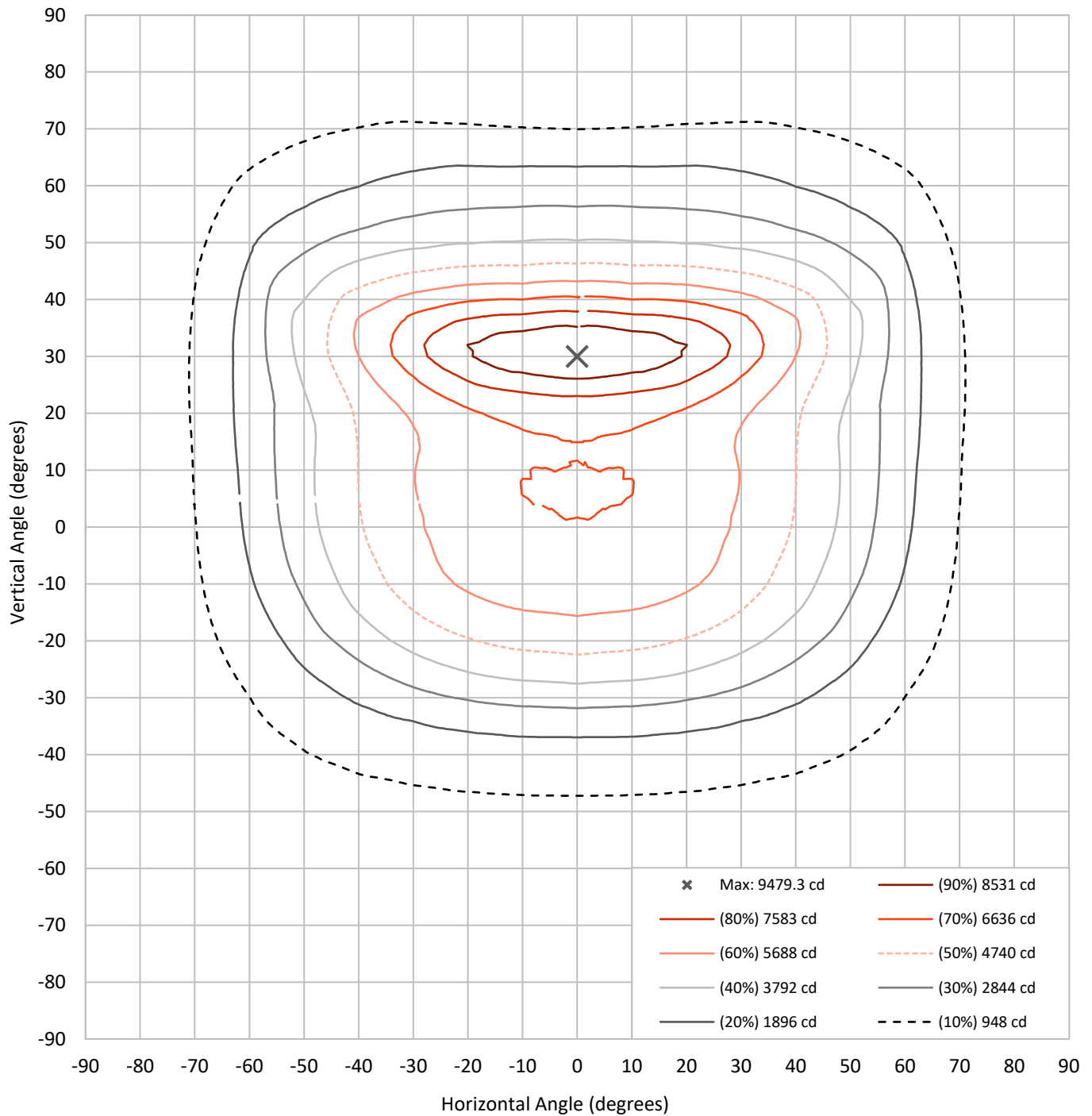
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	15823.3 lumens	Max Intensity:	9479.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	85.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	9201.4 lumens	Field Lumens:	14828.5 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 184.1  
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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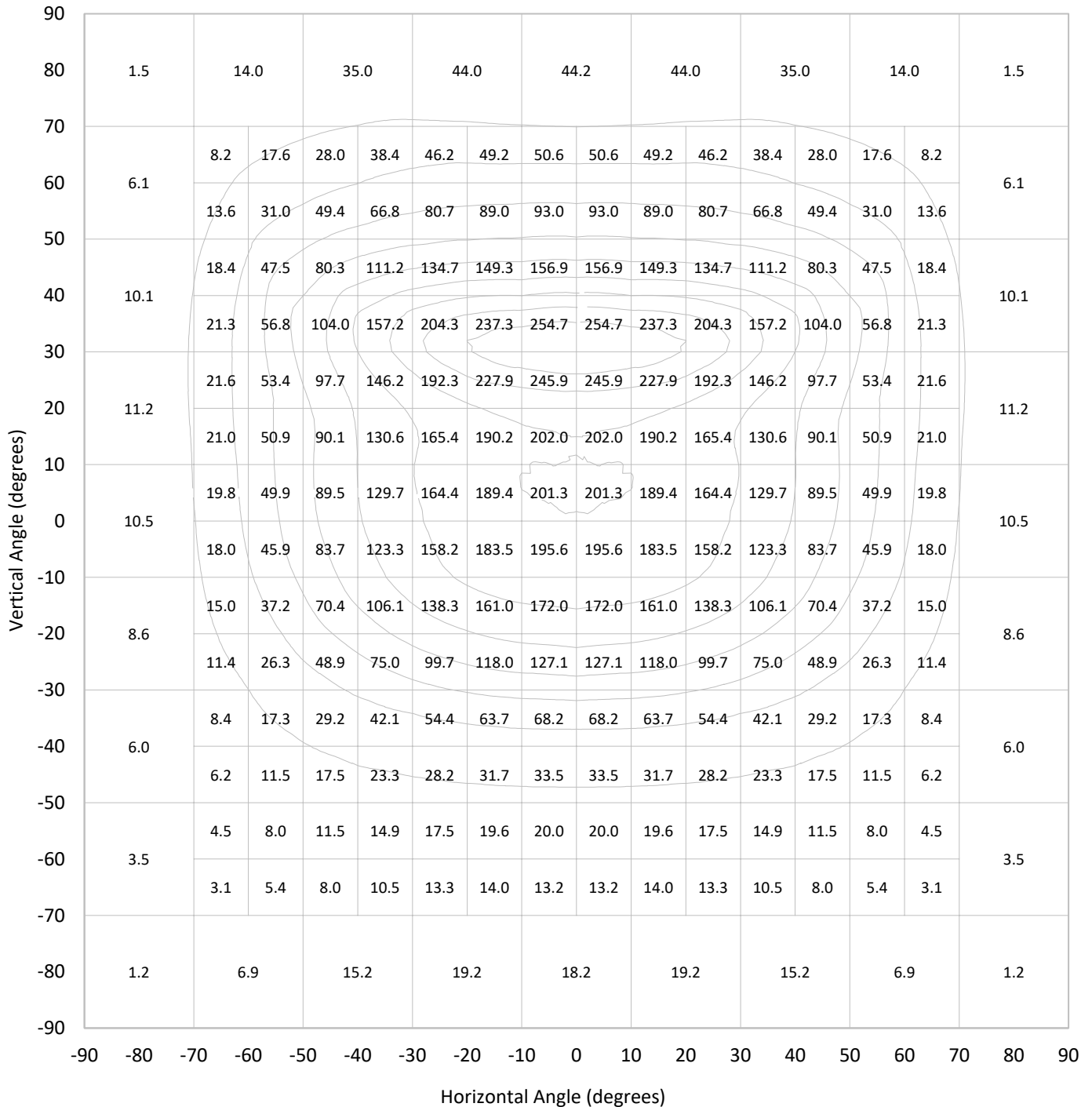
### Iso-Candela Plot





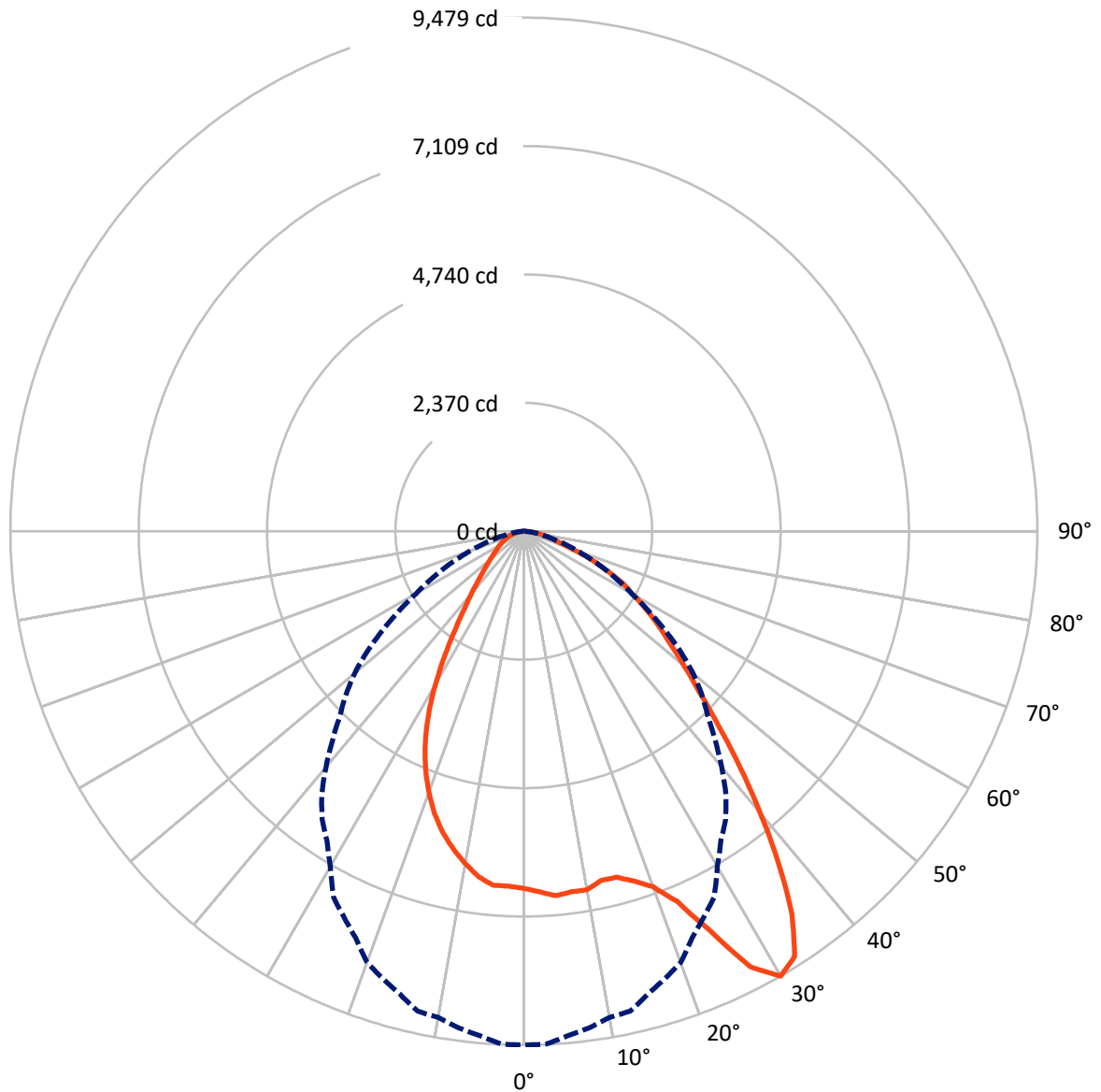
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### Lumen Table



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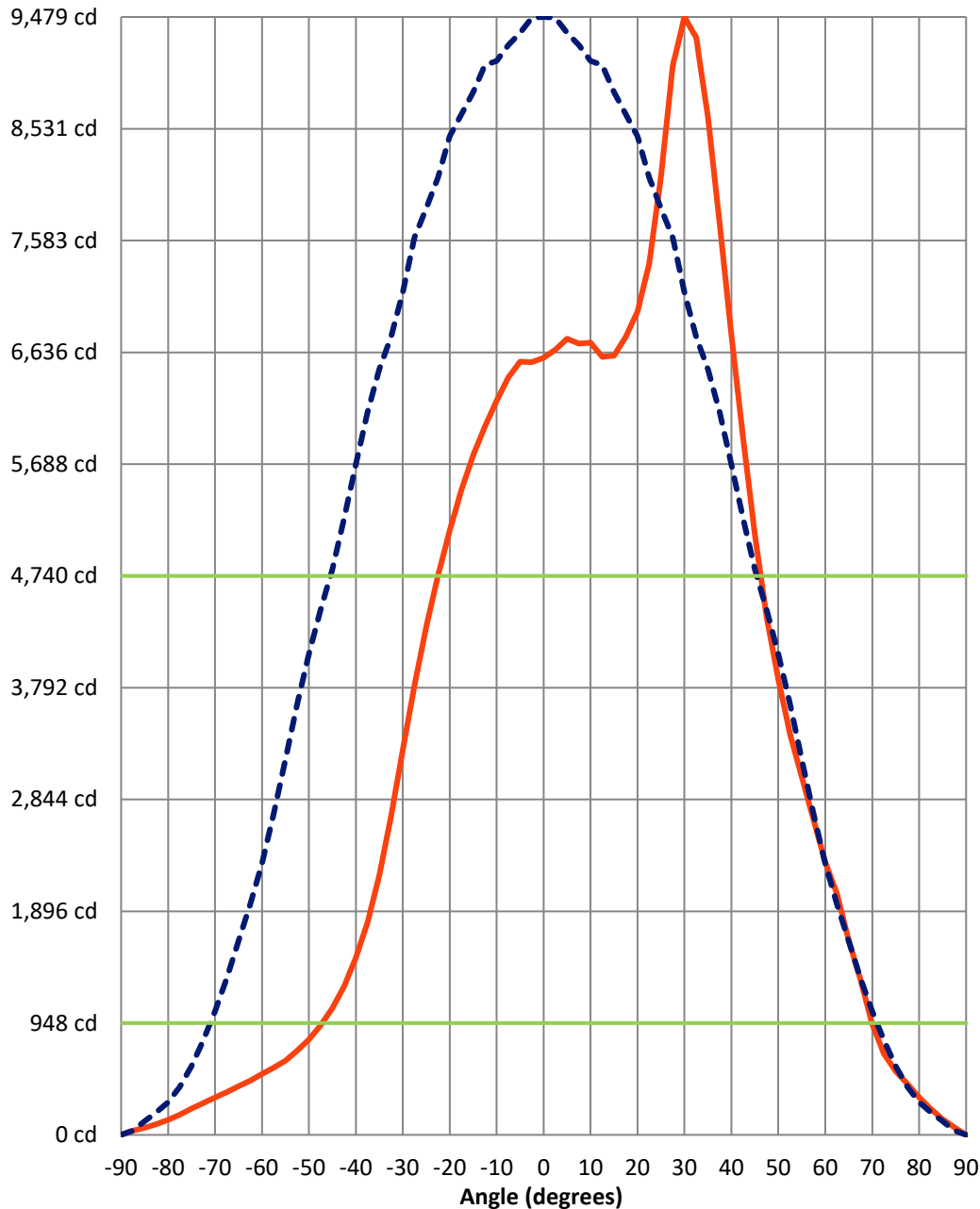
### Luminous Intensity Polar Plot



— 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: 9201.4  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 14828.5  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 994.8  
 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°	63.7	65.4	67.1	67.1	65.4	65.4	65.4	63.7	65.4	65.4	65.4
85°	132.4	135.8	139.1	137.5	135.8	132.4	129.1	130.7	132.4	134.1	134.1
82.5°	219.6	224.6	228.0	226.3	222.9	219.6	216.2	217.9	221.3	222.9	222.9
80°	318.5	320.2	321.8	325.2	320.2	320.2	318.5	325.2	328.5	331.9	335.3
77.5°	432.5	434.2	434.2	435.8	437.5	439.2	439.2	450.9	459.3	464.3	469.4
75°	539.8	544.8	549.8	554.8	561.5	564.9	569.9	586.7	600.1	610.2	620.2
72.5°	687.3	694.0	702.4	714.1	725.8	734.2	745.9	766.1	781.1	791.2	802.9
70°	940.4	947.1	955.5	963.9	975.6	984.0	995.7	1020.8	1035.9	1042.6	1049.3
67.5°	1315.9	1332.6	1347.7	1331.0	1322.6	1310.8	1314.2	1337.7	1352.7	1362.8	1361.1
65°	1649.4	1661.2	1661.2	1659.5	1652.8	1637.7	1646.1	1674.6	1691.4	1699.7	1674.6
62.5°	2041.7	2041.7	2033.3	2046.7	2048.4	2038.3	2033.3	2035.0	2036.7	2041.7	1999.8
60°	2313.2	2330.0	2335.0	2346.8	2350.1	2350.1	2358.5	2365.2	2365.2	2355.2	2306.5
57.5°	2672.0	2703.8	2710.5	2702.1	2685.4	2663.6	2660.2	2650.2	2630.1	2609.9	2586.5
55°	3034.0	3050.8	3049.1	3044.1	3027.3	3002.2	3005.5	2992.1	2960.3	2935.1	2903.3
52.5°	3397.8	3438.0	3444.7	3434.7	3411.2	3384.4	3386.1	3371.0	3339.1	3312.3	3268.7
50°	3862.1	3895.6	3892.3	3875.5	3842.0	3821.9	3823.6	3795.1	3758.2	3749.8	3692.8
47.5°	4393.5	4432.0	4425.3	4401.9	4356.6	4348.2	4356.6	4319.7	4297.9	4279.5	4212.5
45°	5090.8	5136.1	5110.9	5065.7	4993.6	5002.0	5013.7	5007.0	4960.1	4911.5	4826.0
42.5°	5908.8	5937.3	5907.2	5861.9	5771.4	5788.1	5781.4	5741.2	5712.7	5632.2	5523.3
40°	6783.8	6845.9	6798.9	6728.5	6634.7	6659.8	6641.4	6589.4	6522.3	6421.8	6284.3
37.5°	7727.6	7776.2	7722.5	7640.4	7556.6	7548.2	7511.3	7430.9	7335.3	7224.7	7005.1
35°	8631.1	8756.8	8657.9	8527.2	8424.9	8386.3	8351.1	8165.1	8056.1	7876.8	7576.7
32.5°	9303.3	9395.5	9273.1	9137.3	9013.3	8959.6	8835.6	8614.3	8555.7	8178.5	7903.6
30°	9479.3	9472.6	9345.2	9241.2	9107.1	9070.3	8842.3	8654.6	8466.8	8118.1	7856.6
27.5°	9060.2	9018.3	8895.9	8805.4	8673.0	8629.4	8404.8	8304.2	8014.2	7719.2	7497.9
25°	8126.5	8148.3	8056.1	8010.9	7923.7	7829.8	7741.0	7605.2	7424.2	7166.0	6963.2
22.5°	7390.6	7419.1	7380.6	7327.0	7259.9	7207.9	7140.9	7035.3	6860.9	6701.7	6510.6
20°	6981.6	6973.3	6939.7	6899.5	6835.8	6798.9	6725.2	6636.3	6502.2	6364.8	6158.6
17.5°	6767.1	6715.1	6683.3	6668.2	6634.7	6587.7	6500.6	6410.0	6306.1	6150.2	5999.3
15°	6607.8	6616.2	6591.1	6579.3	6552.5	6487.1	6398.3	6324.5	6183.7	6105.0	5967.5
12.5°	6597.8	6589.4	6591.1	6586.0	6552.5	6468.7	6423.4	6329.6	6239.1	6135.1	5977.6
10°	6716.8	6627.9	6634.7	6658.1	6604.5	6537.4	6488.8	6386.6	6301.1	6168.7	6012.8
7.5°	6710.1	6664.8	6678.2	6639.7	6656.4	6574.3	6507.3	6405.0	6297.7	6156.9	6016.1
5°	6750.3	6681.6	6669.9	6673.2	6631.3	6569.3	6478.8	6381.5	6281.0	6123.4	5979.2
2.5°	6658.1	6668.2	6614.5	6594.4	6589.4	6485.5	6401.7	6307.8	6203.9	6064.7	5935.7
0°	6589.4	6607.8	6552.5	6524.0	6522.3	6433.5	6379.9	6272.6	6198.8	6083.2	5927.3
-2.5°	6552.5	6574.3	6581.0	6529.0	6478.8	6410.0	6319.5	6203.9	6083.2	5949.1	5815.0
-5°	6555.9	6512.3	6493.8	6510.6	6467.0	6398.3	6297.7	6195.5	6076.5	5932.3	5764.7
-7.5°	6423.4	6379.9	6376.5	6368.1	6358.1	6292.7	6208.9	6098.2	5977.6	5843.5	5687.6
-10°	6225.6	6193.8	6185.4	6177.0	6150.2	6111.7	6032.9	5932.3	5823.3	5689.2	5523.3
-12.5°	6006.1	5991.0	5959.1	5937.3	5910.5	5865.2	5789.8	5697.6	5588.7	5469.6	5327.2
-15°	5763.0	5734.5	5702.7	5684.2	5645.7	5592.0	5516.6	5431.1	5312.1	5194.7	5060.6
-17.5°	5469.6	5434.4	5399.2	5394.2	5367.4	5285.3	5214.9	5110.9	5007.0	4894.7	4763.9
-20°	5124.3	5075.7	5052.3	5038.8	5002.0	4941.6	4866.2	4770.6	4670.1	4562.8	4411.9



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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°	4742.2	4700.2	4660.0	4634.9	4603.0	4556.1	4484.0	4400.2	4301.3	4180.6	4041.5
-25°	4308.0	4249.3	4224.2	4195.7	4178.9	4135.3	4064.9	3987.8	3885.6	3768.2	3635.8
-27.5°	3811.8	3764.9	3751.5	3711.2	3691.1	3645.9	3587.2	3515.1	3421.3	3310.6	3201.7
-30°	3263.7	3235.2	3213.4	3173.2	3158.1	3109.5	3070.9	3010.6	2925.1	2846.3	2759.1
-32.5°	2700.5	2672.0	2665.3	2646.8	2636.8	2604.9	2561.3	2517.7	2449.0	2390.4	2319.9
-35°	2200.9	2180.8	2182.5	2180.8	2170.8	2147.3	2093.7	2081.9	2031.6	1978.0	1932.7
-37.5°	1802.0	1803.7	1802.0	1800.3	1786.9	1776.8	1738.3	1723.2	1693.0	1641.1	1614.2
-40°	1501.9	1505.3	1503.6	1500.3	1485.2	1480.1	1455.0	1434.9	1423.1	1386.3	1357.8
-42.5°	1258.9	1263.9	1262.2	1260.6	1250.5	1248.8	1235.4	1211.9	1205.2	1183.4	1153.3
-45°	1074.5	1072.8	1069.5	1072.8	1067.8	1062.8	1054.4	1039.3	1030.9	1020.8	995.7
-47.5°	928.7	930.3	927.0	927.0	920.3	915.2	911.9	901.8	895.1	886.7	871.7
-50°	808.0	814.7	813.0	811.3	806.3	802.9	802.9	792.9	782.8	779.5	769.4
-52.5°	714.1	719.1	720.8	724.1	725.8	727.5	722.5	712.4	695.6	694.0	688.9
-55°	628.6	643.7	653.7	660.4	667.2	672.2	662.1	648.7	632.0	625.2	623.6
-57.5°	569.9	585.0	596.7	606.8	615.2	623.6	613.5	600.1	585.0	576.6	575.0
-60°	516.3	529.7	541.4	554.8	566.6	580.0	575.0	564.9	556.5	549.8	543.1
-62.5°	459.3	472.7	486.1	502.9	518.0	531.4	533.1	531.4	529.7	531.4	519.6
-65°	412.4	419.1	427.4	445.9	462.6	477.7	486.1	491.1	499.5	507.9	496.2
-67.5°	362.1	370.5	380.5	393.9	407.3	417.4	429.1	442.5	455.9	469.4	461.0
-70°	316.8	323.5	331.9	338.6	347.0	353.7	363.7	378.8	393.9	407.3	404.0
-72.5°	269.9	276.6	281.6	285.0	290.0	293.3	298.4	311.8	321.8	328.5	328.5
-75°	222.9	229.6	234.7	236.4	239.7	241.4	244.7	249.8	254.8	256.5	258.1
-77.5°	171.0	177.7	182.7	186.1	189.4	192.8	194.4	197.8	199.5	199.5	201.2
-80°	127.4	132.4	135.8	140.8	142.5	145.8	149.2	150.9	152.5	152.5	154.2
-82.5°	90.5	93.9	97.2	100.6	103.9	105.6	109.0	110.6	112.3	114.0	115.7
-85°	60.3	63.7	67.1	70.4	72.1	73.8	75.4	77.1	78.8	80.5	82.1
-87.5°	35.2	36.9	38.6	41.9	43.6	46.9	48.6	46.9	48.6	48.6	48.6
-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°	65.4	65.4	65.4	65.4	63.7	60.3	58.7	55.3	52.0	48.6	45.3
85°	135.8	137.5	137.5	137.5	134.1	132.4	127.4	122.4	115.7	105.6	97.2
82.5°	226.3	228.0	228.0	226.3	222.9	217.9	211.2	202.8	189.4	176.0	164.3
80°	340.3	342.0	342.0	340.3	331.9	323.5	315.1	305.1	288.3	269.9	249.8
77.5°	476.1	479.4	479.4	474.4	462.6	452.6	439.2	422.4	397.3	370.5	343.6
75°	633.6	642.0	643.7	638.7	623.6	605.1	583.3	554.8	516.3	482.8	450.9
72.5°	816.3	824.7	831.4	824.7	802.9	777.8	745.9	712.4	673.9	628.6	575.0
70°	1056.0	1064.4	1069.5	1047.7	1009.1	967.2	928.7	890.1	844.8	789.5	730.9
67.5°	1357.8	1349.4	1339.3	1295.8	1247.1	1196.9	1143.2	1086.2	1027.5	968.9	900.2
65°	1647.8	1624.3	1602.5	1550.5	1488.5	1423.1	1361.1	1297.4	1227.0	1153.3	1087.9
62.5°	1952.8	1902.6	1848.9	1785.2	1721.5	1649.4	1587.4	1512.0	1433.2	1342.7	1258.9
60°	2252.9	2192.6	2138.9	2060.1	1976.3	1879.1	1812.0	1738.3	1646.1	1548.9	1450.0
57.5°	2542.9	2477.5	2418.8	2350.1	2259.6	2154.0	2080.2	1984.7	1887.5	1765.1	1664.5
55°	2851.3	2786.0	2739.0	2661.9	2563.0	2465.8	2385.3	2284.7	2149.0	2018.2	1894.2
52.5°	3205.0	3153.1	3102.8	3024.0	2905.0	2806.1	2717.2	2604.9	2462.4	2301.5	2152.3
50°	3600.6	3573.8	3520.2	3428.0	3292.2	3205.0	3087.7	2938.5	2786.0	2616.6	2430.6
47.5°	4125.3	4081.7	4006.3	3905.7	3791.7	3661.0	3503.4	3329.1	3112.8	2925.1	2727.3
45°	4752.2	4671.7	4574.5	4438.7	4297.9	4150.4	3977.8	3756.5	3466.5	3221.8	3013.9
42.5°	5431.1	5322.1	5189.7	5012.0	4829.3	4648.3	4462.2	4160.5	3798.4	3516.8	3282.1
40°	6140.2	6001.0	5835.1	5576.9	5374.1	5141.1	4928.2	4477.3	4091.8	3786.7	3536.9
37.5°	6834.1	6658.1	6379.9	6066.4	5830.0	5639.0	5171.3	4688.5	4343.2	4007.9	3754.8
35°	7365.5	7216.3	6725.2	6400.0	6197.1	5895.4	5310.4	4815.9	4450.5	4172.2	3778.3
32.5°	7680.6	7295.1	6864.3	6535.8	6368.1	5873.6	5320.5	4852.8	4500.8	4189.0	3718.0
30°	7610.2	7144.2	6767.1	6492.2	6128.4	5684.2	5226.6	4795.8	4453.8	4076.7	3650.9
27.5°	7186.1	6825.7	6488.8	6202.2	5845.1	5446.2	5023.8	4644.9	4326.4	3961.0	3558.7
25°	6706.7	6379.9	6130.1	5880.3	5541.7	5161.2	4789.1	4515.9	4195.7	3835.3	3438.0
22.5°	6265.9	6031.2	5835.1	5573.6	5243.4	4911.5	4680.1	4396.8	4068.3	3702.9	3314.0
20°	5984.3	5825.0	5600.4	5312.1	5052.3	4844.4	4587.9	4287.9	3949.3	3567.1	3208.4
17.5°	5848.5	5664.1	5414.3	5226.6	5027.1	4799.1	4512.5	4194.0	3833.6	3505.1	3220.1
15°	5778.1	5583.6	5419.4	5235.0	5010.4	4770.6	4452.2	4121.9	3833.6	3530.2	3228.5
12.5°	5793.2	5625.5	5446.2	5245.0	5003.6	4747.2	4458.9	4152.1	3853.7	3548.7	3230.2
10°	5840.1	5664.1	5473.0	5250.1	5007.0	4753.9	4477.3	4170.5	3863.8	3557.0	3226.8
7.5°	5856.9	5665.8	5461.3	5236.6	4998.6	4750.5	4480.7	4175.6	3865.5	3555.4	3216.8
5°	5804.9	5632.2	5434.4	5208.2	4975.2	4733.8	4467.2	4168.9	3852.1	3538.6	3191.6
2.5°	5734.5	5595.4	5406.0	5188.0	4951.7	4710.3	4445.5	4138.7	3821.9	3508.4	3159.8
0°	5722.8	5550.1	5359.0	5164.6	4913.1	4658.3	4395.2	4081.7	3766.6	3451.4	3104.4
-2.5°	5645.7	5462.9	5271.9	5060.6	4839.4	4582.9	4306.3	3999.6	3687.8	3377.7	3044.1
-5°	5587.0	5384.2	5181.3	4953.4	4730.4	4473.9	4187.3	3888.9	3583.9	3282.1	2960.3
-7.5°	5508.2	5300.3	5087.5	4849.4	4608.0	4346.6	4063.3	3764.9	3464.8	3164.8	2856.4
-10°	5349.0	5166.2	4966.8	4720.4	4465.6	4204.1	3922.5	3629.1	3329.1	3025.7	2715.5
-12.5°	5156.2	4963.4	4745.5	4519.2	4291.2	4048.2	3766.6	3478.2	3176.5	2871.4	2563.0
-15°	4906.4	4717.0	4494.1	4272.8	4053.2	3820.2	3572.1	3312.3	3005.5	2705.5	2397.1
-17.5°	4594.6	4417.0	4217.5	4006.3	3788.4	3553.7	3312.3	3092.7	2806.1	2524.5	2219.4
-20°	4259.4	4093.4	3914.1	3714.6	3496.7	3267.0	3039.1	2809.4	2561.3	2313.2	2030.0



REPORT NUMBER: P722286  
 CATALOG NUMBER: IFLD-S-SA3D-935-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	3910.7	3743.1	3562.1	3376.0	3174.8	2962.0	2750.7	2531.2	2313.2	2088.6	1848.9
-25°	3508.4	3360.9	3195.0	3013.9	2834.6	2648.5	2447.3	2247.9	2061.8	1867.4	1671.2
-27.5°	3087.7	2951.9	2801.0	2643.5	2489.3	2333.4	2159.0	1974.6	1820.4	1659.5	1496.9
-30°	2645.1	2536.2	2413.8	2276.4	2157.4	2031.6	1885.8	1733.3	1592.5	1470.1	1339.3
-32.5°	2226.1	2133.9	2046.7	1956.2	1838.9	1741.6	1641.1	1528.8	1404.7	1289.0	1195.2
-35°	1865.7	1766.8	1729.9	1662.9	1579.0	1493.6	1419.8	1339.3	1245.5	1143.2	1066.1
-37.5°	1562.3	1503.6	1451.6	1414.8	1359.5	1290.7	1232.1	1173.4	1101.3	1024.2	947.1
-40°	1325.9	1285.7	1228.7	1210.3	1175.1	1128.1	1067.8	1022.5	973.9	915.2	849.9
-42.5°	1136.5	1106.3	1069.5	1037.6	1022.5	989.0	942.1	898.5	859.9	819.7	769.4
-45°	980.6	960.5	937.0	908.5	896.8	870.0	836.5	787.8	766.1	732.5	695.6
-47.5°	854.9	844.8	828.1	809.6	792.9	772.8	742.6	712.4	682.2	660.4	632.0
-50°	756.0	749.3	739.2	724.1	702.4	688.9	668.8	642.0	613.5	595.1	575.0
-52.5°	677.2	670.5	663.8	652.1	635.3	621.9	605.1	583.3	559.9	541.4	524.7
-55°	616.9	606.8	601.8	591.7	578.3	563.2	548.1	533.1	512.9	496.2	479.4
-57.5°	569.9	556.5	549.8	541.4	528.0	512.9	501.2	486.1	472.7	454.3	439.2
-60°	533.1	518.0	504.6	496.2	484.4	469.4	457.6	445.9	432.5	417.4	399.0
-62.5°	502.9	484.4	466.0	455.9	444.2	430.8	419.1	407.3	393.9	378.8	362.1
-65°	474.4	452.6	429.1	419.1	407.3	393.9	378.8	370.5	358.7	345.3	328.5
-67.5°	439.2	415.7	395.6	383.9	372.1	360.4	347.0	338.6	326.9	310.1	293.3
-70°	387.2	372.1	358.7	348.7	338.6	328.5	315.1	301.7	288.3	273.2	258.1
-72.5°	321.8	316.8	315.1	310.1	298.4	286.6	273.2	259.8	248.1	236.4	224.6
-75°	259.8	263.2	266.5	264.8	253.1	241.4	229.6	217.9	209.5	199.5	189.4
-77.5°	206.2	209.5	212.9	212.9	204.5	197.8	189.4	181.0	174.3	166.0	155.9
-80°	159.2	164.3	169.3	172.7	166.0	160.9	154.2	147.5	140.8	134.1	127.4
-82.5°	120.7	125.7	130.7	134.1	129.1	125.7	120.7	115.7	110.6	103.9	98.9
-85°	87.2	90.5	93.9	95.5	92.2	88.8	85.5	82.1	78.8	73.8	70.4
-87.5°	50.3	52.0	53.6	55.3	52.0	48.6	46.9	43.6	41.9	38.6	36.9
-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-SA3D-935-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°	41.9	38.6	35.2	33.5	30.2	25.1	21.8	18.4	15.1	11.7	10.1
85°	88.8	80.5	70.4	65.4	58.7	52.0	45.3	38.6	31.8	25.1	18.4
82.5°	152.5	142.5	132.4	120.7	105.6	87.2	68.7	57.0	46.9	36.9	28.5
80°	229.6	211.2	194.4	179.4	162.6	139.1	114.0	90.5	63.7	48.6	36.9
77.5°	318.5	296.7	273.2	248.1	221.3	189.4	160.9	130.7	98.9	67.1	46.9
75°	419.1	390.6	358.7	323.5	288.3	246.4	206.2	171.0	134.1	93.9	57.0
72.5°	531.4	496.2	457.6	410.7	355.4	306.8	258.1	211.2	167.6	119.0	77.1
70°	675.5	620.2	563.2	512.9	442.5	365.4	308.4	254.8	199.5	145.8	97.2
67.5°	829.8	762.7	694.0	620.2	531.4	440.9	358.7	298.4	233.0	171.0	115.7
65°	997.4	913.6	826.4	744.3	621.9	514.6	422.4	340.3	264.8	194.4	134.1
62.5°	1170.0	1071.1	970.6	863.3	722.5	590.0	482.8	387.2	295.0	216.2	150.9
60°	1354.4	1238.8	1116.4	982.3	818.0	672.2	539.8	435.8	326.9	238.0	169.3
57.5°	1548.9	1423.1	1279.0	1098.0	916.9	751.0	605.1	479.4	355.4	258.1	182.7
55°	1760.1	1615.9	1458.3	1218.6	1014.1	829.8	670.5	523.0	385.5	274.9	196.1
52.5°	1988.0	1820.4	1620.9	1346.0	1116.4	910.2	730.9	561.5	414.0	293.3	207.9
50°	2242.8	2031.6	1763.4	1463.4	1205.2	985.6	791.2	603.5	437.5	313.5	217.9
47.5°	2507.7	2279.7	1890.8	1572.3	1295.8	1059.4	853.2	640.3	461.0	330.2	228.0
45°	2784.3	2452.4	2023.3	1669.6	1374.5	1126.4	900.2	673.9	489.5	345.3	236.4
42.5°	3057.5	2583.1	2138.9	1766.8	1448.3	1186.8	938.7	705.7	512.9	360.4	244.7
40°	3186.6	2682.0	2231.1	1833.8	1510.3	1240.4	972.2	734.2	533.1	370.5	253.1
37.5°	3240.2	2742.4	2291.5	1897.5	1558.9	1268.9	1000.7	759.3	549.8	380.5	259.8
35°	3252.0	2764.2	2321.6	1941.1	1599.2	1295.8	1022.5	777.8	563.2	390.6	266.5
32.5°	3230.2	2757.5	2330.0	1956.2	1624.3	1315.9	1037.6	791.2	573.3	400.6	273.2
30°	3181.5	2722.3	2299.8	1954.5	1642.7	1327.6	1047.7	801.3	583.3	407.3	276.6
27.5°	3102.8	2660.2	2261.3	1956.2	1652.8	1332.6	1052.7	806.3	590.0	412.4	283.3
25°	3005.5	2576.4	2263.0	1952.8	1654.5	1334.3	1052.7	806.3	591.7	414.0	288.3
22.5°	2893.2	2576.4	2263.0	1947.8	1644.4	1331.0	1047.7	802.9	591.7	417.4	293.3
20°	2899.9	2578.1	2257.9	1937.8	1629.3	1320.9	1035.9	794.5	586.7	422.4	296.7
17.5°	2905.0	2574.7	2247.9	1924.4	1609.2	1304.1	1020.8	782.8	586.7	427.4	298.4
15°	2905.0	2564.7	2232.8	1904.2	1584.1	1280.7	999.1	772.8	588.4	429.1	301.7
12.5°	2899.9	2546.2	2209.3	1877.4	1553.9	1252.2	985.6	769.4	588.4	430.8	301.7
10°	2889.9	2521.1	2179.1	1843.9	1525.4	1242.1	978.9	762.7	585.0	430.8	301.7
7.5°	2871.4	2490.9	2154.0	1823.8	1508.6	1230.4	968.9	752.6	580.0	427.4	305.1
5°	2842.9	2474.2	2133.9	1800.3	1485.2	1222.0	962.2	744.3	576.6	427.4	301.7
2.5°	2806.1	2454.1	2110.4	1770.1	1458.3	1193.5	940.4	725.8	564.9	420.7	298.4
0°	2745.7	2413.8	2070.2	1728.2	1421.5	1165.0	918.6	707.4	553.2	414.0	295.0
-2.5°	2690.4	2360.2	2018.2	1684.6	1386.3	1139.9	901.8	697.3	548.1	412.4	293.3
-5°	2613.3	2286.4	1949.5	1627.7	1339.3	1114.7	885.1	685.6	543.1	409.0	293.3
-7.5°	2527.8	2209.3	1877.4	1569.0	1292.4	1071.1	853.2	667.2	531.4	402.3	291.7
-10°	2395.4	2093.7	1786.9	1501.9	1242.1	1032.6	826.4	650.4	521.3	395.6	285.0
-12.5°	2254.6	1966.3	1683.0	1419.8	1185.1	992.3	796.2	632.0	509.6	388.9	281.6
-15°	2105.4	1835.5	1574.0	1334.3	1123.1	943.7	764.4	611.8	497.9	380.5	276.6
-17.5°	1949.5	1698.1	1461.7	1247.1	1061.1	893.4	730.9	593.4	484.4	372.1	271.6
-20°	1785.2	1557.2	1347.7	1158.3	995.7	843.2	695.6	571.6	469.4	362.1	264.8



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CATALOG NUMBER: IFLD-S-SA3D-935-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1622.6	1418.1	1230.4	1071.1	928.7	791.2	660.4	549.8	452.6	350.3	259.8
-25°	1478.5	1287.4	1126.4	987.3	863.3	740.9	623.6	528.0	434.2	338.6	253.1
-27.5°	1337.7	1175.1	1024.2	908.5	799.6	692.3	588.4	504.6	415.7	325.2	246.4
-30°	1206.9	1067.8	943.7	831.4	739.2	648.7	558.2	481.1	395.6	311.8	238.0
-32.5°	1087.9	975.6	871.7	764.4	682.2	605.1	529.7	457.6	375.5	298.4	229.6
-35°	977.3	890.1	799.6	709.1	625.2	564.9	499.5	432.5	357.0	283.3	221.3
-37.5°	878.4	808.0	735.9	658.8	586.7	526.3	471.0	407.3	338.6	269.9	212.9
-40°	792.9	735.9	672.2	610.2	549.8	492.8	442.5	382.2	320.2	259.8	204.5
-42.5°	714.1	670.5	618.5	566.6	512.9	462.6	414.0	355.4	301.7	248.1	196.1
-45°	653.7	610.2	568.3	521.3	476.1	432.5	383.9	331.9	285.0	234.7	187.7
-47.5°	596.7	558.2	519.6	481.1	444.2	404.0	355.4	311.8	266.5	222.9	181.0
-50°	546.5	509.6	476.1	442.5	410.7	372.1	326.9	291.7	251.4	211.2	172.7
-52.5°	499.5	467.7	434.2	407.3	380.5	342.0	305.1	271.6	236.4	197.8	164.3
-55°	457.6	427.4	397.3	372.1	347.0	313.5	283.3	254.8	221.3	187.7	155.9
-57.5°	417.4	392.2	363.7	340.3	315.1	288.3	263.2	236.4	206.2	177.7	147.5
-60°	380.5	357.0	331.9	308.4	286.6	264.8	241.4	219.6	192.8	166.0	139.1
-62.5°	343.6	323.5	301.7	278.3	261.5	241.4	222.9	201.2	179.4	155.9	124.0
-65°	310.1	291.7	271.6	251.4	236.4	221.3	204.5	184.4	166.0	144.2	110.6
-67.5°	276.6	259.8	243.1	226.3	212.9	201.2	184.4	169.3	154.2	130.7	97.2
-70°	244.7	231.3	216.2	202.8	192.8	179.4	167.6	154.2	140.8	114.0	82.1
-72.5°	214.6	201.2	189.4	179.4	171.0	159.2	149.2	139.1	120.7	95.5	68.7
-75°	179.4	171.0	164.3	155.9	147.5	139.1	130.7	119.0	100.6	77.1	53.6
-77.5°	147.5	142.5	137.5	130.7	124.0	117.3	107.3	95.5	80.5	60.3	43.6
-80°	120.7	115.7	112.3	105.6	100.6	93.9	83.8	73.8	58.7	46.9	35.2
-82.5°	92.2	88.8	85.5	82.1	77.1	70.4	60.3	52.0	43.6	35.2	26.8
-85°	65.4	63.7	60.3	57.0	52.0	46.9	40.2	35.2	30.2	23.5	18.4
-87.5°	33.5	31.8	30.2	28.5	26.8	23.5	20.1	16.8	15.1	11.7	8.4
-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°	6.7	5.0	1.7	0.0
85°	13.4	8.4	3.4	0.0
82.5°	20.1	13.4	5.0	0.0
80°	26.8	16.8	8.4	0.0
77.5°	33.5	20.1	10.1	0.0
75°	40.2	25.1	11.7	0.0
72.5°	45.3	28.5	13.4	0.0
70°	53.6	33.5	15.1	0.0
67.5°	67.1	36.9	16.8	0.0
65°	78.8	40.2	18.4	0.0
62.5°	92.2	43.6	20.1	0.0
60°	103.9	46.9	21.8	0.0
57.5°	115.7	55.3	23.5	0.0
55°	125.7	62.0	25.1	0.0
52.5°	137.5	68.7	26.8	0.0
50°	147.5	75.4	28.5	0.0
47.5°	155.9	82.1	28.5	0.0
45°	162.6	87.2	30.2	0.0
42.5°	167.6	92.2	31.8	0.0
40°	172.7	97.2	33.5	0.0
37.5°	177.7	102.3	33.5	0.0
35°	182.7	107.3	35.2	0.0
32.5°	187.7	112.3	35.2	0.0
30°	191.1	115.7	36.9	0.0
27.5°	196.1	119.0	36.9	0.0
25°	197.8	122.4	38.6	0.0
22.5°	201.2	124.0	38.6	0.0
20°	204.5	127.4	38.6	0.0
17.5°	206.2	129.1	40.2	0.0
15°	206.2	130.7	41.9	0.0
12.5°	207.9	132.4	41.9	0.0
10°	207.9	135.8	40.2	0.0
7.5°	211.2	134.1	40.2	0.0
5°	209.5	134.1	40.2	0.0
2.5°	207.9	132.4	40.2	0.0
0°	206.2	132.4	40.2	0.0
-2.5°	206.2	132.4	40.2	0.0
-5°	206.2	132.4	40.2	0.0
-7.5°	204.5	134.1	40.2	0.0
-10°	201.2	134.1	40.2	0.0
-12.5°	199.5	129.1	40.2	0.0
-15°	197.8	127.4	40.2	0.0
-17.5°	194.4	125.7	38.6	0.0
-20°	191.1	124.0	38.6	0.0



REPORT NUMBER: P722286

CATALOG NUMBER: IFLD-S-SA3D-935-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	187.7	120.7	38.6	0.0
-25°	184.4	117.3	36.9	0.0
-27.5°	181.0	114.0	36.9	0.0
-30°	176.0	110.6	35.2	0.0
-32.5°	171.0	107.3	35.2	0.0
-35°	167.6	102.3	33.5	0.0
-37.5°	162.6	97.2	33.5	0.0
-40°	157.6	92.2	31.8	0.0
-42.5°	152.5	87.2	30.2	0.0
-45°	145.8	82.1	30.2	0.0
-47.5°	140.8	77.1	28.5	0.0
-50°	132.4	70.4	26.8	0.0
-52.5°	122.4	63.7	25.1	0.0
-55°	112.3	58.7	23.5	0.0
-57.5°	102.3	52.0	23.5	0.0
-60°	92.2	45.3	21.8	0.0
-62.5°	82.1	41.9	20.1	0.0
-65°	72.1	38.6	18.4	0.0
-67.5°	60.3	33.5	16.8	0.0
-70°	50.3	30.2	15.1	0.0
-72.5°	43.6	26.8	13.4	0.0
-75°	36.9	23.5	11.7	0.0
-77.5°	31.8	20.1	10.1	0.0
-80°	25.1	15.1	6.7	0.0
-82.5°	18.4	11.7	5.0	0.0
-85°	11.7	8.4	3.4	0.0
-87.5°	6.7	3.4	1.7	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)