

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: P722298

Luminaire Tested: **IFLD-L-SA7A-935-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722298  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7A-935-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (112) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

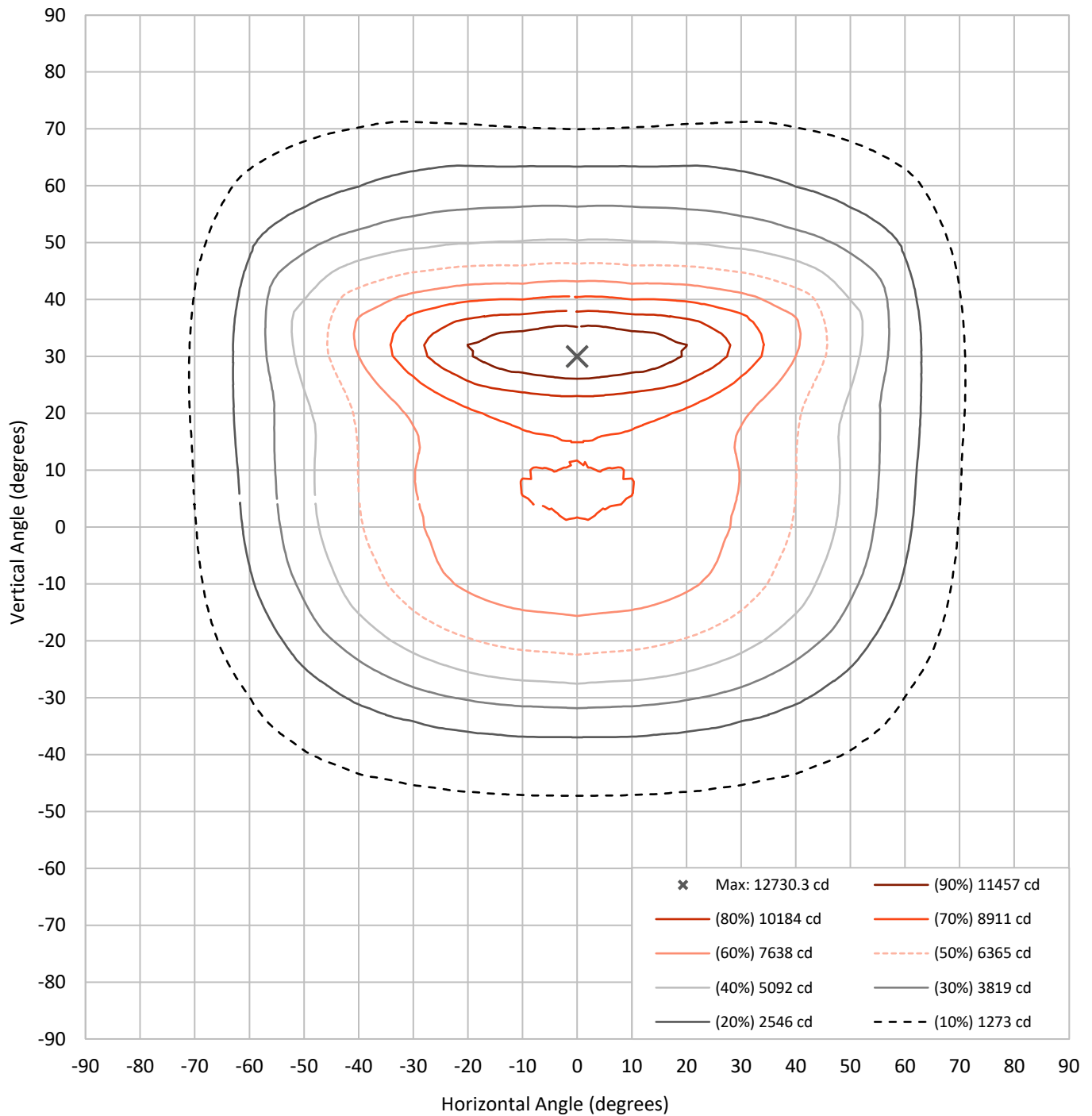
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	21250.1 lumens	Max Intensity:	12730.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	97.7 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	12357.2 lumens	Field Lumens:	19914.1 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 217.6  
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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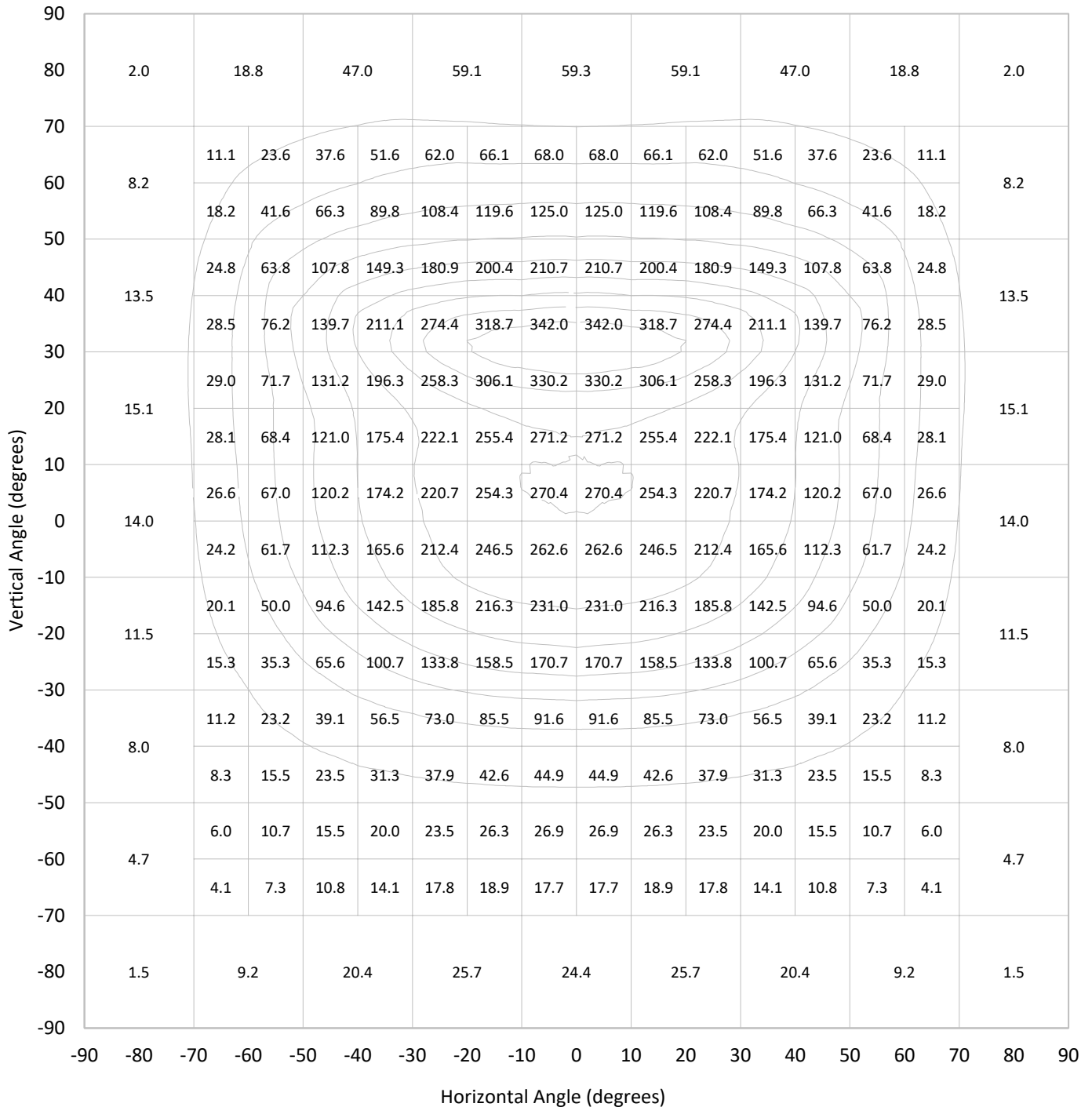
### Iso-Candela Plot





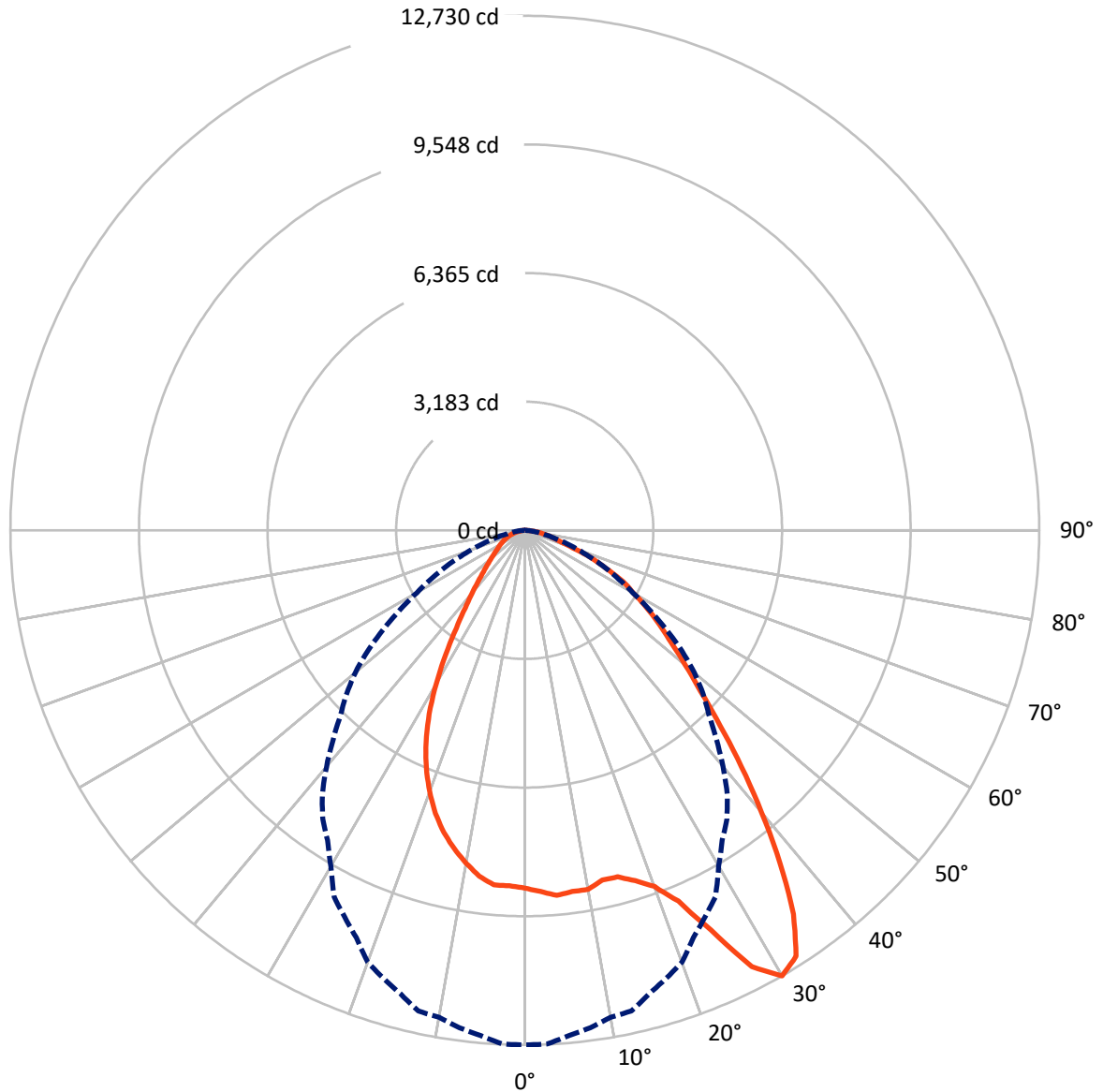
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### Lumen Table



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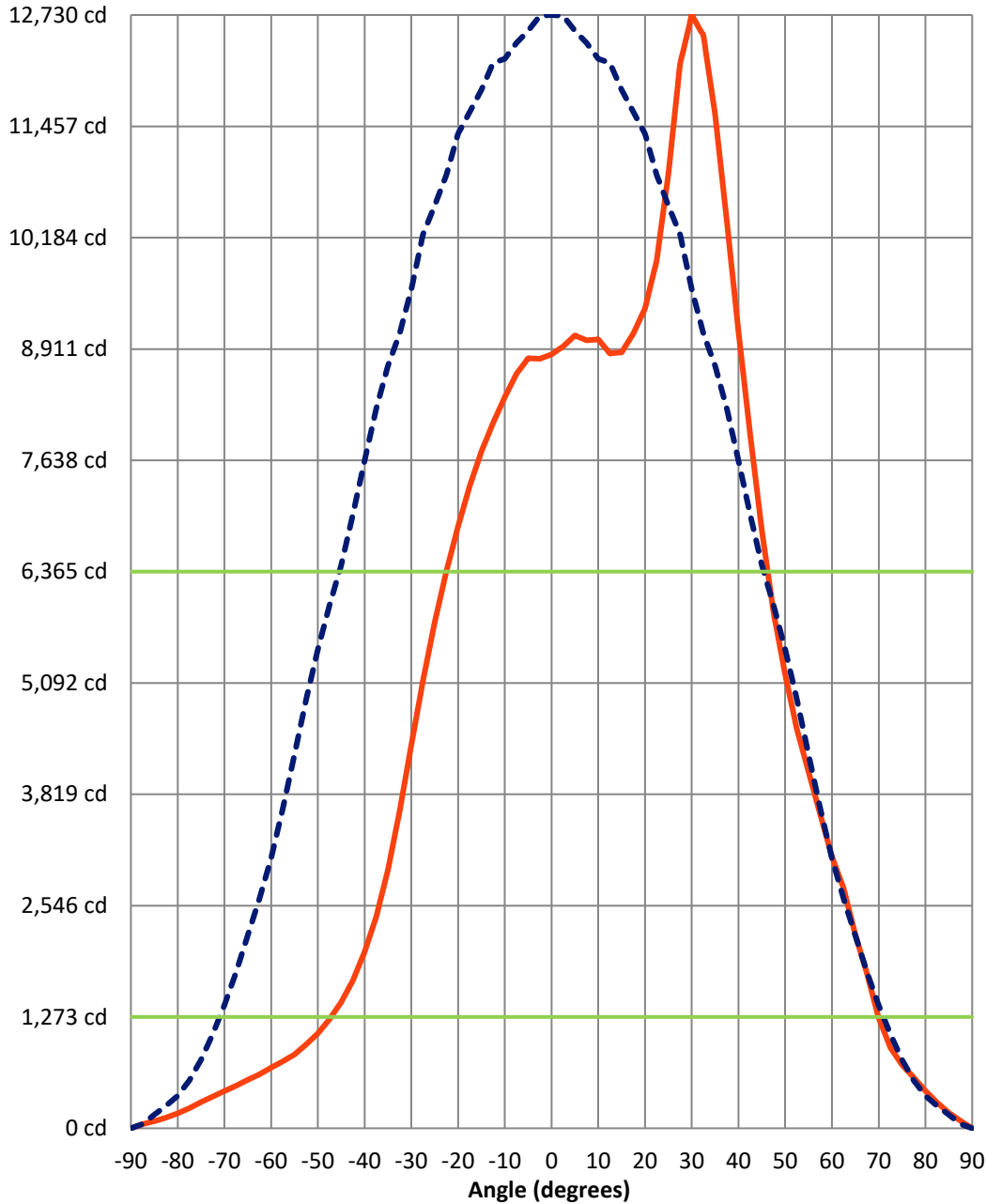
### Luminous Intensity Polar Plot



— 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: 12357.2  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 19914.1  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1336  
 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°	85.5	87.8	90.0	90.0	87.8	87.8	87.8	85.5	87.8	87.8	87.8
85°	177.8	182.3	186.8	184.6	182.3	177.8	173.3	175.6	177.8	180.1	180.1
82.5°	294.9	301.7	306.2	303.9	299.4	294.9	290.4	292.7	297.2	299.4	299.4
80°	427.7	430.0	432.2	436.7	430.0	430.0	427.7	436.7	441.2	445.7	450.2
77.5°	580.8	583.1	583.1	585.3	587.6	589.8	589.8	605.6	616.8	623.6	630.3
75°	724.9	731.6	738.4	745.1	754.1	758.6	765.4	787.9	805.9	819.4	832.9
72.5°	923.0	932.0	943.2	959.0	974.8	986.0	1001.8	1028.8	1049.0	1062.6	1078.3
70°	1262.9	1271.9	1283.2	1294.4	1310.2	1321.4	1337.2	1371.0	1391.2	1400.2	1409.2
67.5°	1767.2	1789.7	1809.9	1787.4	1776.2	1760.4	1764.9	1796.4	1816.7	1830.2	1827.9
65°	2215.1	2230.9	2230.9	2228.7	2219.6	2199.4	2210.6	2248.9	2271.4	2282.7	2248.9
62.5°	2741.9	2741.9	2730.7	2748.7	2750.9	2737.4	2730.7	2732.9	2735.2	2741.9	2685.6
60°	3106.6	3129.1	3135.9	3151.6	3156.1	3156.1	3167.4	3176.4	3176.4	3162.9	3097.6
57.5°	3588.4	3631.1	3640.1	3628.9	3606.4	3577.1	3572.6	3559.1	3532.1	3505.1	3473.5
55°	4074.6	4097.1	4094.9	4088.1	4065.6	4031.8	4036.3	4018.3	3975.6	3941.8	3899.0
52.5°	4563.1	4617.1	4626.1	4612.6	4581.1	4545.1	4547.4	4527.1	4484.3	4448.3	4389.8
50°	5186.7	5231.7	5227.2	5204.7	5159.7	5132.7	5134.9	5096.6	5047.1	5035.9	4959.3
47.5°	5900.3	5952.1	5943.1	5911.6	5850.8	5839.5	5850.8	5801.3	5772.0	5747.2	5657.2
45°	6836.8	6897.6	6863.8	6803.0	6706.2	6717.5	6733.2	6724.2	6661.2	6595.9	6481.1
42.5°	7935.4	7973.6	7933.1	7872.3	7750.8	7773.3	7764.3	7710.2	7672.0	7563.9	7417.6
40°	9110.5	9193.8	9130.7	9036.2	8910.1	8943.9	8919.1	8849.3	8759.3	8624.2	8439.6
37.5°	10377.9	10443.2	10371.1	10260.8	10148.3	10137.0	10087.5	9979.4	9851.1	9702.5	9407.6
35°	11591.3	11760.1	11627.3	11451.7	11314.4	11262.6	11215.3	10965.4	10819.1	10578.2	10175.3
32.5°	12494.0	12617.8	12453.4	12271.1	12104.5	12032.5	11865.9	11568.7	11489.9	10983.4	10614.2
30°	12730.3	12721.3	12550.2	12410.7	12230.6	12181.1	11874.9	11622.8	11370.6	10902.4	10551.2
27.5°	12167.6	12111.3	11946.9	11825.4	11647.5	11589.0	11287.3	11152.3	10762.8	10366.6	10069.5
25°	10913.7	10942.9	10819.1	10758.3	10641.3	10515.2	10395.9	10213.5	9970.4	9623.7	9351.3
22.5°	9925.4	9963.7	9911.9	9839.8	9749.8	9680.0	9590.0	9448.1	9214.0	9000.2	8743.5
20°	9376.1	9364.8	9319.8	9265.8	9180.3	9130.7	9031.7	8912.4	8732.3	8547.7	8270.8
17.5°	9088.0	9018.2	8975.4	8955.1	8910.1	8847.1	8730.0	8608.5	8468.9	8259.5	8056.9
15°	8874.1	8885.4	8851.6	8835.8	8799.8	8712.0	8592.7	8493.6	8304.6	8198.7	8014.1
12.5°	8860.6	8849.3	8851.6	8844.8	8799.8	8687.2	8626.5	8500.4	8378.8	8239.3	8027.7
10°	9020.4	8901.1	8910.1	8941.6	8869.6	8779.5	8714.3	8576.9	8462.1	8284.3	8074.9
7.5°	9011.4	8950.6	8968.6	8916.9	8939.4	8829.1	8739.0	8601.7	8457.6	8268.5	8079.4
5°	9065.4	8973.1	8957.4	8961.9	8905.6	8822.3	8700.8	8570.2	8435.1	8223.5	8029.9
2.5°	8941.6	8955.1	8883.1	8856.1	8849.3	8709.8	8597.2	8471.1	8331.6	8144.7	7971.4
0°	8849.3	8874.1	8799.8	8761.5	8759.3	8640.0	8567.9	8423.9	8324.8	8169.5	7960.1
-2.5°	8799.8	8829.1	8838.1	8768.3	8700.8	8608.5	8486.9	8331.6	8169.5	7989.4	7809.3
-5°	8804.3	8745.8	8721.0	8743.5	8685.0	8592.7	8457.6	8320.3	8160.5	7966.9	7741.8
-7.5°	8626.5	8567.9	8563.4	8552.2	8538.7	8450.9	8338.3	8189.7	8027.7	7847.6	7638.2
-10°	8360.8	8318.1	8306.8	8295.5	8259.5	8207.7	8101.9	7966.9	7820.5	7640.5	7417.6
-12.5°	8065.9	8045.7	8002.9	7973.6	7937.6	7876.8	7775.5	7651.7	7505.4	7345.6	7154.2
-15°	7739.5	7701.2	7658.5	7633.7	7581.9	7509.9	7408.6	7293.8	7133.9	6976.4	6796.3
-17.5°	7345.6	7298.3	7251.0	7244.3	7208.2	7097.9	7003.4	6863.8	6724.2	6573.4	6397.8
-20°	6881.8	6816.5	6785.0	6767.0	6717.5	6636.4	6535.1	6406.8	6271.7	6127.7	5925.1



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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°	6368.5	6312.3	6258.2	6224.5	6181.7	6118.7	6021.9	5909.3	5776.5	5614.4	5427.6
-25°	5785.5	5706.7	5672.9	5634.7	5612.2	5553.6	5459.1	5355.5	5218.2	5060.6	4882.8
-27.5°	5119.2	5056.1	5038.1	4984.1	4957.1	4896.3	4817.5	4720.7	4594.6	4446.1	4299.7
-30°	4383.0	4344.7	4315.5	4261.5	4241.2	4175.9	4124.1	4043.1	3928.3	3822.5	3705.4
-32.5°	3626.6	3588.4	3579.4	3554.6	3541.1	3498.3	3439.8	3381.3	3289.0	3210.2	3115.6
-35°	2955.8	2928.8	2931.0	2928.8	2915.3	2883.7	2811.7	2795.9	2728.4	2656.4	2595.6
-37.5°	2420.0	2422.3	2420.0	2417.8	2399.7	2386.2	2334.5	2314.2	2273.7	2203.9	2167.9
-40°	2017.0	2021.5	2019.3	2014.8	1994.5	1987.8	1954.0	1927.0	1911.2	1861.7	1823.4
-42.5°	1690.6	1697.4	1695.1	1692.9	1679.4	1677.1	1659.1	1627.6	1618.6	1589.3	1548.8
-45°	1443.0	1440.7	1436.2	1440.7	1434.0	1427.2	1416.0	1395.7	1384.5	1371.0	1337.2
-47.5°	1247.1	1249.4	1244.9	1244.9	1235.9	1229.1	1224.6	1211.1	1202.1	1190.9	1170.6
-50°	1085.1	1094.1	1091.8	1089.6	1082.8	1078.3	1078.3	1064.8	1051.3	1046.8	1033.3
-52.5°	959.0	965.8	968.0	972.5	974.8	977.0	970.3	956.7	934.2	932.0	925.2
-55°	844.2	864.4	878.0	887.0	896.0	902.7	889.2	871.2	848.7	839.7	837.4
-57.5°	765.4	785.7	801.4	814.9	826.2	837.4	823.9	805.9	785.7	774.4	772.1
-60°	693.4	711.4	727.1	745.1	760.9	778.9	772.1	758.6	747.4	738.4	729.4
-62.5°	616.8	634.8	652.8	675.3	695.6	713.6	715.9	713.6	711.4	713.6	697.9
-65°	553.8	562.8	574.0	598.8	621.3	641.6	652.8	659.6	670.8	682.1	666.3
-67.5°	486.3	497.5	511.0	529.0	547.0	560.5	576.3	594.3	612.3	630.3	619.1
-70°	425.5	434.5	445.7	454.7	466.0	475.0	488.5	508.8	529.0	547.0	542.5
-72.5°	362.4	371.4	378.2	382.7	389.5	394.0	400.7	418.7	432.2	441.2	441.2
-75°	299.4	308.4	315.2	317.4	321.9	324.2	328.7	335.4	342.2	344.4	346.7
-77.5°	229.6	238.6	245.4	249.9	254.4	258.9	261.1	265.6	267.9	267.9	270.1
-80°	171.1	177.8	182.3	189.1	191.3	195.9	200.4	202.6	204.9	204.9	207.1
-82.5°	121.6	126.1	130.6	135.1	139.6	141.8	146.3	148.6	150.8	153.1	155.3
-85°	81.0	85.5	90.0	94.5	96.8	99.1	101.3	103.6	105.8	108.1	110.3
-87.5°	47.3	49.5	51.8	56.3	58.5	63.0	65.3	63.0	65.3	65.3	65.3
-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°	87.8	87.8	87.8	87.8	85.5	81.0	78.8	74.3	69.8	65.3	60.8
85°	182.3	184.6	184.6	184.6	180.1	177.8	171.1	164.3	155.3	141.8	130.6
82.5°	303.9	306.2	306.2	303.9	299.4	292.7	283.6	272.4	254.4	236.4	220.6
80°	457.0	459.2	459.2	457.0	445.7	434.5	423.2	409.7	387.2	362.4	335.4
77.5°	639.3	643.8	643.8	637.1	621.3	607.8	589.8	567.3	533.5	497.5	461.5
75°	850.9	862.2	864.4	857.7	837.4	812.7	783.4	745.1	693.4	648.3	605.6
72.5°	1096.3	1107.6	1116.6	1107.6	1078.3	1044.5	1001.8	956.7	905.0	844.2	772.1
70°	1418.2	1429.5	1436.2	1407.0	1355.2	1298.9	1247.1	1195.4	1134.6	1060.3	981.5
67.5°	1823.4	1812.2	1798.7	1740.2	1674.9	1607.3	1535.3	1458.8	1380.0	1301.2	1208.9
65°	2212.9	2181.4	2152.1	2082.3	1999.0	1911.2	1827.9	1742.4	1647.9	1548.8	1461.0
62.5°	2622.6	2555.1	2483.0	2397.5	2311.9	2215.1	2131.9	2030.6	1924.7	1803.2	1690.6
60°	3025.6	2944.5	2872.5	2766.7	2654.1	2523.6	2433.5	2334.5	2210.6	2080.1	1947.3
57.5°	3415.0	3327.2	3248.4	3156.1	3034.6	2892.7	2793.7	2665.4	2534.8	2370.5	2235.4
55°	3829.2	3741.4	3678.4	3574.9	3442.0	3311.5	3203.4	3068.3	2886.0	2710.4	2543.8
52.5°	4304.2	4234.4	4166.9	4061.1	3901.3	3768.5	3649.1	3498.3	3307.0	3090.9	2890.5
50°	4835.5	4799.5	4727.4	4603.6	4421.3	4304.2	4146.6	3946.3	3741.4	3514.1	3264.2
47.5°	5540.1	5481.6	5380.3	5245.2	5092.1	4916.5	4704.9	4470.8	4180.4	3928.3	3662.6
45°	6382.1	6274.0	6143.4	5961.1	5772.0	5573.9	5342.0	5044.9	4655.4	4326.7	4047.6
42.5°	7293.8	7147.5	6969.6	6731.0	6485.6	6242.5	5992.6	5587.4	5101.1	4722.9	4407.8
40°	8246.0	8059.2	7836.3	7489.6	7217.2	6904.3	6618.4	6012.9	5495.1	5085.4	4750.0
37.5°	9178.0	8941.6	8567.9	8147.0	7829.6	7572.9	6944.8	6296.5	5832.8	5382.5	5042.6
35°	9891.6	9691.3	9031.7	8595.0	8322.6	7917.3	7131.7	6467.6	5976.8	5603.2	5074.1
32.5°	10314.8	9797.1	9218.5	8777.3	8552.2	7888.1	7145.2	6517.1	6044.4	5625.7	4993.1
30°	10220.3	9594.5	9088.0	8718.8	8230.3	7633.7	7019.1	6440.6	5981.3	5474.8	4903.0
27.5°	9650.7	9166.7	8714.3	8329.3	7849.8	7314.0	6746.7	6238.0	5810.3	5319.5	4779.2
25°	9006.9	8567.9	8232.5	7897.1	7442.4	6931.3	6431.6	6064.6	5634.7	5150.7	4617.1
22.5°	8414.9	8099.7	7836.3	7485.1	7041.6	6595.9	6285.3	5904.8	5463.6	4972.8	4450.6
20°	8036.7	7822.8	7521.1	7133.9	6785.0	6505.9	6161.4	5758.5	5303.7	4790.5	4308.7
17.5°	7854.3	7606.7	7271.3	7019.1	6751.2	6445.1	6060.1	5632.4	5148.4	4707.2	4324.5
15°	7759.8	7498.6	7278.0	7030.4	6728.7	6406.8	5979.1	5535.6	5148.4	4741.0	4335.7
12.5°	7780.0	7554.9	7314.0	7043.9	6719.7	6375.3	5988.1	5576.1	5175.4	4765.7	4338.0
10°	7843.1	7606.7	7350.1	7050.7	6724.2	6384.3	6012.9	5600.9	5188.9	4777.0	4333.5
7.5°	7865.6	7608.9	7334.3	7032.6	6713.0	6379.8	6017.4	5607.7	5191.2	4774.7	4320.0
5°	7795.8	7563.9	7298.3	6994.4	6681.5	6357.3	5999.4	5598.6	5173.2	4752.2	4286.2
2.5°	7701.2	7514.4	7260.0	6967.4	6649.9	6325.8	5970.1	5558.1	5132.7	4711.7	4243.4
0°	7685.5	7453.6	7197.0	6935.8	6598.2	6256.0	5902.6	5481.6	5058.4	4635.2	4169.2
-2.5°	7581.9	7336.5	7079.9	6796.3	6499.1	6154.7	5783.2	5371.3	4952.6	4536.1	4088.1
-5°	7503.1	7230.7	6958.4	6652.2	6352.8	6008.4	5623.4	5222.7	4813.0	4407.8	3975.6
-7.5°	7397.3	7118.2	6832.3	6512.6	6188.5	5837.3	5456.8	5056.1	4653.2	4250.2	3836.0
-10°	7183.5	6938.1	6670.2	6339.3	5997.1	5645.9	5267.7	4873.8	4470.8	4063.4	3646.9
-12.5°	6924.6	6665.7	6373.0	6069.1	5763.0	5436.6	5058.4	4671.2	4266.0	3856.2	3442.0
-15°	6589.2	6334.8	6035.4	5738.2	5443.3	5130.4	4797.2	4448.3	4036.3	3633.4	3219.2
-17.5°	6170.4	5931.8	5663.9	5380.3	5087.6	4772.5	4448.3	4153.4	3768.5	3390.3	2980.5
-20°	5720.2	5497.3	5256.5	4988.6	4695.9	4387.5	4081.4	3773.0	3439.8	3106.6	2726.2



REPORT NUMBER: P722298  
 CATALOG NUMBER: IFLD-L-SA7A-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°	5252.0	5026.9	4783.7	4533.8	4263.7	3977.8	3694.2	3399.3	3106.6	2805.0	2483.0
-25°	4711.7	4513.6	4290.7	4047.6	3806.7	3556.8	3286.7	3018.8	2768.9	2507.8	2244.4
-27.5°	4146.6	3964.3	3761.7	3550.1	3343.0	3133.6	2899.5	2651.9	2444.8	2228.7	2010.3
-30°	3552.3	3406.0	3241.7	3057.1	2897.3	2728.4	2532.6	2327.7	2138.6	1974.3	1798.7
-32.5°	2989.5	2865.7	2748.7	2627.1	2469.5	2339.0	2203.9	2053.1	1886.5	1731.1	1605.1
-35°	2505.5	2372.7	2323.2	2233.2	2120.6	2005.8	1906.7	1798.7	1672.6	1535.3	1431.7
-37.5°	2098.1	2019.3	1949.5	1900.0	1825.7	1733.4	1654.6	1575.8	1479.0	1375.5	1271.9
-40°	1780.7	1726.6	1650.1	1625.3	1578.1	1515.0	1434.0	1373.2	1307.9	1229.1	1141.3
-42.5°	1526.3	1485.8	1436.2	1393.5	1373.2	1328.2	1265.2	1206.6	1154.8	1100.8	1033.3
-45°	1316.9	1289.9	1258.4	1220.1	1204.4	1168.4	1123.3	1058.0	1028.8	983.8	934.2
-47.5°	1148.1	1134.6	1112.1	1087.3	1064.8	1037.8	997.3	956.7	916.2	887.0	848.7
-50°	1015.3	1006.3	992.8	972.5	943.2	925.2	898.2	862.2	823.9	799.2	772.1
-52.5°	909.5	900.5	891.5	875.7	853.2	835.2	812.7	783.4	751.9	727.1	704.6
-55°	828.4	814.9	808.2	794.7	776.7	756.4	736.1	715.9	688.9	666.3	643.8
-57.5°	765.4	747.4	738.4	727.1	709.1	688.9	673.1	652.8	634.8	610.1	589.8
-60°	715.9	695.6	677.6	666.3	650.6	630.3	614.6	598.8	580.8	560.5	535.8
-62.5°	675.3	650.6	625.8	612.3	596.6	578.5	562.8	547.0	529.0	508.8	486.3
-65°	637.1	607.8	576.3	562.8	547.0	529.0	508.8	497.5	481.7	463.7	441.2
-67.5°	589.8	558.3	531.3	515.5	499.8	484.0	466.0	454.7	439.0	416.5	394.0
-70°	520.0	499.8	481.7	468.2	454.7	441.2	423.2	405.2	387.2	366.9	346.7
-72.5°	432.2	425.5	423.2	416.5	400.7	384.9	366.9	348.9	333.2	317.4	301.7
-75°	348.9	353.4	357.9	355.7	339.9	324.2	308.4	292.7	281.4	267.9	254.4
-77.5°	276.9	281.4	285.9	285.9	274.6	265.6	254.4	243.1	234.1	222.9	209.4
-80°	213.9	220.6	227.4	231.9	222.9	216.1	207.1	198.1	189.1	180.1	171.1
-82.5°	162.1	168.8	175.6	180.1	173.3	168.8	162.1	155.3	148.6	139.6	132.8
-85°	117.1	121.6	126.1	128.3	123.8	119.3	114.8	110.3	105.8	99.1	94.5
-87.5°	67.5	69.8	72.0	74.3	69.8	65.3	63.0	58.5	56.3	51.8	49.5
-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-SA7A-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°	56.3	51.8	47.3	45.0	40.5	33.8	29.3	24.8	20.3	15.8	13.5
85°	119.3	108.1	94.5	87.8	78.8	69.8	60.8	51.8	42.8	33.8	24.8
82.5°	204.9	191.3	177.8	162.1	141.8	117.1	92.3	76.5	63.0	49.5	38.3
80°	308.4	283.6	261.1	240.9	218.4	186.8	153.1	121.6	85.5	65.3	49.5
77.5°	427.7	398.5	366.9	333.2	297.2	254.4	216.1	175.6	132.8	90.0	63.0
75°	562.8	524.5	481.7	434.5	387.2	330.9	276.9	229.6	180.1	126.1	76.5
72.5°	713.6	666.3	614.6	551.5	477.2	412.0	346.7	283.6	225.1	159.8	103.6
70°	907.2	832.9	756.4	688.9	594.3	490.8	414.2	342.2	267.9	195.9	130.6
67.5°	1114.3	1024.3	932.0	832.9	713.6	592.1	481.7	400.7	312.9	229.6	155.3
65°	1339.4	1226.9	1109.8	999.5	835.2	691.1	567.3	457.0	355.7	261.1	180.1
62.5°	1571.3	1438.5	1303.4	1159.4	970.3	792.4	648.3	520.0	396.2	290.4	202.6
60°	1818.9	1663.6	1499.3	1319.2	1098.6	902.7	724.9	585.3	439.0	319.7	227.4
57.5°	2080.1	1911.2	1717.6	1474.5	1231.4	1008.5	812.7	643.8	477.2	346.7	245.4
55°	2363.7	2170.1	1958.5	1636.6	1362.0	1114.3	900.5	702.4	517.8	369.2	263.4
52.5°	2669.9	2444.8	2176.9	1807.7	1499.3	1222.4	981.5	754.1	556.0	394.0	279.1
50°	3012.1	2728.4	2368.2	1965.3	1618.6	1323.7	1062.6	810.4	587.6	421.0	292.7
47.5°	3367.7	3061.6	2539.3	2111.6	1740.2	1422.7	1145.8	859.9	619.1	443.5	306.2
45°	3739.2	3293.5	2717.2	2242.2	1846.0	1512.8	1208.9	905.0	657.3	463.7	317.4
42.5°	4106.1	3469.0	2872.5	2372.7	1945.0	1593.8	1260.7	947.7	688.9	484.0	328.7
40°	4279.5	3601.9	2996.3	2462.8	2028.3	1665.9	1305.7	986.0	715.9	497.5	339.9
37.5°	4351.5	3682.9	3077.3	2548.3	2093.6	1704.1	1343.9	1019.8	738.4	511.0	348.9
35°	4367.3	3712.2	3117.9	2606.8	2147.6	1740.2	1373.2	1044.5	756.4	524.5	357.9
32.5°	4338.0	3703.2	3129.1	2627.1	2181.4	1767.2	1393.5	1062.6	769.9	538.0	366.9
30°	4272.7	3655.9	3088.6	2624.9	2206.1	1782.9	1407.0	1076.1	783.4	547.0	371.4
27.5°	4166.9	3572.6	3036.8	2627.1	2219.6	1789.7	1413.7	1082.8	792.4	553.8	380.4
25°	4036.3	3460.0	3039.1	2622.6	2221.9	1791.9	1413.7	1082.8	794.7	556.0	387.2
22.5°	3885.5	3460.0	3039.1	2615.9	2208.4	1787.4	1407.0	1078.3	794.7	560.5	394.0
20°	3894.5	3462.3	3032.3	2602.3	2188.1	1773.9	1391.2	1067.1	787.9	567.3	398.5
17.5°	3901.3	3457.8	3018.8	2584.3	2161.1	1751.4	1371.0	1051.3	787.9	574.0	400.7
15°	3901.3	3444.3	2998.6	2557.3	2127.4	1719.9	1341.7	1037.8	790.2	576.3	405.2
12.5°	3894.5	3419.5	2967.0	2521.3	2086.8	1681.6	1323.7	1033.3	790.2	578.5	405.2
10°	3881.0	3385.8	2926.5	2476.3	2048.6	1668.1	1314.7	1024.3	785.7	578.5	405.2
7.5°	3856.2	3345.2	2892.7	2449.3	2026.0	1652.4	1301.2	1010.8	778.9	574.0	409.7
5°	3818.0	3322.7	2865.7	2417.8	1994.5	1641.1	1292.2	999.5	774.4	574.0	405.2
2.5°	3768.5	3295.7	2834.2	2377.2	1958.5	1602.8	1262.9	974.8	758.6	565.0	400.7
0°	3687.4	3241.7	2780.2	2321.0	1909.0	1564.6	1233.6	950.0	742.9	556.0	396.2
-2.5°	3613.1	3169.6	2710.4	2262.4	1861.7	1530.8	1211.1	936.5	736.1	553.8	394.0
-5°	3509.6	3070.6	2618.1	2185.9	1798.7	1497.0	1188.6	920.7	729.4	549.3	394.0
-7.5°	3394.8	2967.0	2521.3	2107.1	1735.6	1438.5	1145.8	896.0	713.6	540.3	391.7
-10°	3216.9	2811.7	2399.7	2017.0	1668.1	1386.7	1109.8	873.5	700.1	531.3	382.7
-12.5°	3027.8	2640.6	2260.2	1906.7	1591.6	1332.7	1069.3	848.7	684.4	522.3	378.2
-15°	2827.5	2465.0	2113.8	1791.9	1508.3	1267.4	1026.5	821.7	668.6	511.0	371.4
-17.5°	2618.1	2280.4	1963.0	1674.9	1425.0	1199.9	981.5	796.9	650.6	499.8	364.7
-20°	2397.5	2091.3	1809.9	1555.6	1337.2	1132.3	934.2	767.6	630.3	486.3	355.7



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CATALOG NUMBER: IFLD-L-SA7A-935-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2179.1	1904.5	1652.4	1438.5	1247.1	1062.6	887.0	738.4	607.8	470.5	348.9
-25°	1985.5	1728.9	1512.8	1325.9	1159.4	995.0	837.4	709.1	583.1	454.7	339.9
-27.5°	1796.4	1578.1	1375.5	1220.1	1073.8	929.7	790.2	677.6	558.3	436.7	330.9
-30°	1620.8	1434.0	1267.4	1116.6	992.8	871.2	749.6	646.1	531.3	418.7	319.7
-32.5°	1461.0	1310.2	1170.6	1026.5	916.2	812.7	711.4	614.6	504.3	400.7	308.4
-35°	1312.4	1195.4	1073.8	952.2	839.7	758.6	670.8	580.8	479.5	380.4	297.2
-37.5°	1179.6	1085.1	988.3	884.7	787.9	706.9	632.6	547.0	454.7	362.4	285.9
-40°	1064.8	988.3	902.7	819.4	738.4	661.8	594.3	513.3	430.0	348.9	274.6
-42.5°	959.0	900.5	830.7	760.9	688.9	621.3	556.0	477.2	405.2	333.2	263.4
-45°	878.0	819.4	763.1	700.1	639.3	580.8	515.5	445.7	382.7	315.2	252.1
-47.5°	801.4	749.6	697.9	646.1	596.6	542.5	477.2	418.7	357.9	299.4	243.1
-50°	733.9	684.4	639.3	594.3	551.5	499.8	439.0	391.7	337.7	283.6	231.9
-52.5°	670.8	628.1	583.1	547.0	511.0	459.2	409.7	364.7	317.4	265.6	220.6
-55°	614.6	574.0	533.5	499.8	466.0	421.0	380.4	342.2	297.2	252.1	209.4
-57.5°	560.5	526.8	488.5	457.0	423.2	387.2	353.4	317.4	276.9	238.6	198.1
-60°	511.0	479.5	445.7	414.2	384.9	355.7	324.2	294.9	258.9	222.9	186.8
-62.5°	461.5	434.5	405.2	373.7	351.2	324.2	299.4	270.1	240.9	209.4	166.6
-65°	416.5	391.7	364.7	337.7	317.4	297.2	274.6	247.6	222.9	193.6	148.6
-67.5°	371.4	348.9	326.4	303.9	285.9	270.1	247.6	227.4	207.1	175.6	130.6
-70°	328.7	310.7	290.4	272.4	258.9	240.9	225.1	207.1	189.1	153.1	110.3
-72.5°	288.1	270.1	254.4	240.9	229.6	213.9	200.4	186.8	162.1	128.3	92.3
-75°	240.9	229.6	220.6	209.4	198.1	186.8	175.6	159.8	135.1	103.6	72.0
-77.5°	198.1	191.3	184.6	175.6	166.6	157.6	144.1	128.3	108.1	81.0	58.5
-80°	162.1	155.3	150.8	141.8	135.1	126.1	112.6	99.1	78.8	63.0	47.3
-82.5°	123.8	119.3	114.8	110.3	103.6	94.5	81.0	69.8	58.5	47.3	36.0
-85°	87.8	85.5	81.0	76.5	69.8	63.0	54.0	47.3	40.5	31.5	24.8
-87.5°	45.0	42.8	40.5	38.3	36.0	31.5	27.0	22.5	20.3	15.8	11.3
-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):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	9.0	6.8	2.3	0.0
85°	18.0	11.3	4.5	0.0
82.5°	27.0	18.0	6.8	0.0
80°	36.0	22.5	11.3	0.0
77.5°	45.0	27.0	13.5	0.0
75°	54.0	33.8	15.8	0.0
72.5°	60.8	38.3	18.0	0.0
70°	72.0	45.0	20.3	0.0
67.5°	90.0	49.5	22.5	0.0
65°	105.8	54.0	24.8	0.0
62.5°	123.8	58.5	27.0	0.0
60°	139.6	63.0	29.3	0.0
57.5°	155.3	74.3	31.5	0.0
55°	168.8	83.3	33.8	0.0
52.5°	184.6	92.3	36.0	0.0
50°	198.1	101.3	38.3	0.0
47.5°	209.4	110.3	38.3	0.0
45°	218.4	117.1	40.5	0.0
42.5°	225.1	123.8	42.8	0.0
40°	231.9	130.6	45.0	0.0
37.5°	238.6	137.3	45.0	0.0
35°	245.4	144.1	47.3	0.0
32.5°	252.1	150.8	47.3	0.0
30°	256.6	155.3	49.5	0.0
27.5°	263.4	159.8	49.5	0.0
25°	265.6	164.3	51.8	0.0
22.5°	270.1	166.6	51.8	0.0
20°	274.6	171.1	51.8	0.0
17.5°	276.9	173.3	54.0	0.0
15°	276.9	175.6	56.3	0.0
12.5°	279.1	177.8	56.3	0.0
10°	279.1	182.3	54.0	0.0
7.5°	283.6	180.1	54.0	0.0
5°	281.4	180.1	54.0	0.0
2.5°	279.1	177.8	54.0	0.0
0°	276.9	177.8	54.0	0.0
-2.5°	276.9	177.8	54.0	0.0
-5°	276.9	177.8	54.0	0.0
-7.5°	274.6	180.1	54.0	0.0
-10°	270.1	180.1	54.0	0.0
-12.5°	267.9	173.3	54.0	0.0
-15°	265.6	171.1	54.0	0.0
-17.5°	261.1	168.8	51.8	0.0
-20°	256.6	166.6	51.8	0.0



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CATALOG NUMBER: IFLD-L-SA7A-935-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	252.1	162.1	51.8	0.0
-25°	247.6	157.6	49.5	0.0
-27.5°	243.1	153.1	49.5	0.0
-30°	236.4	148.6	47.3	0.0
-32.5°	229.6	144.1	47.3	0.0
-35°	225.1	137.3	45.0	0.0
-37.5°	218.4	130.6	45.0	0.0
-40°	211.6	123.8	42.8	0.0
-42.5°	204.9	117.1	40.5	0.0
-45°	195.9	110.3	40.5	0.0
-47.5°	189.1	103.6	38.3	0.0
-50°	177.8	94.5	36.0	0.0
-52.5°	164.3	85.5	33.8	0.0
-55°	150.8	78.8	31.5	0.0
-57.5°	137.3	69.8	31.5	0.0
-60°	123.8	60.8	29.3	0.0
-62.5°	110.3	56.3	27.0	0.0
-65°	96.8	51.8	24.8	0.0
-67.5°	81.0	45.0	22.5	0.0
-70°	67.5	40.5	20.3	0.0
-72.5°	58.5	36.0	18.0	0.0
-75°	49.5	31.5	15.8	0.0
-77.5°	42.8	27.0	13.5	0.0
-80°	33.8	20.3	9.0	0.0
-82.5°	24.8	15.8	6.8	0.0
-85°	15.8	11.3	4.5	0.0
-87.5°	9.0	4.5	2.3	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)