

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: P722082

Luminaire Tested: **IFLD-S-SA3C-740-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722082  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3C-740-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (48) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

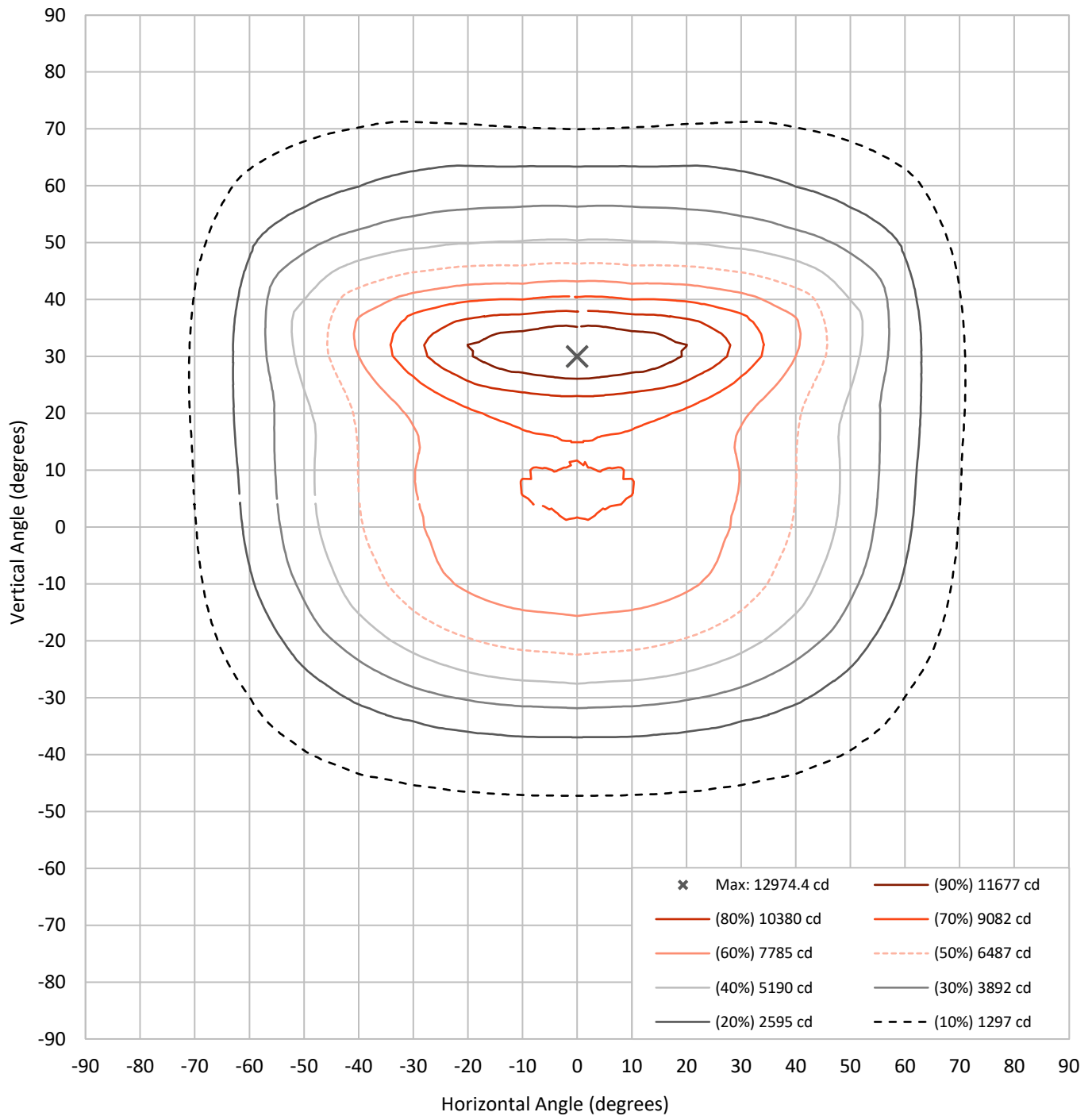
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	21657.5 lumens	Max Intensity:	12974.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	134.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	12594.1 lumens	Field Lumens:	20295.9 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

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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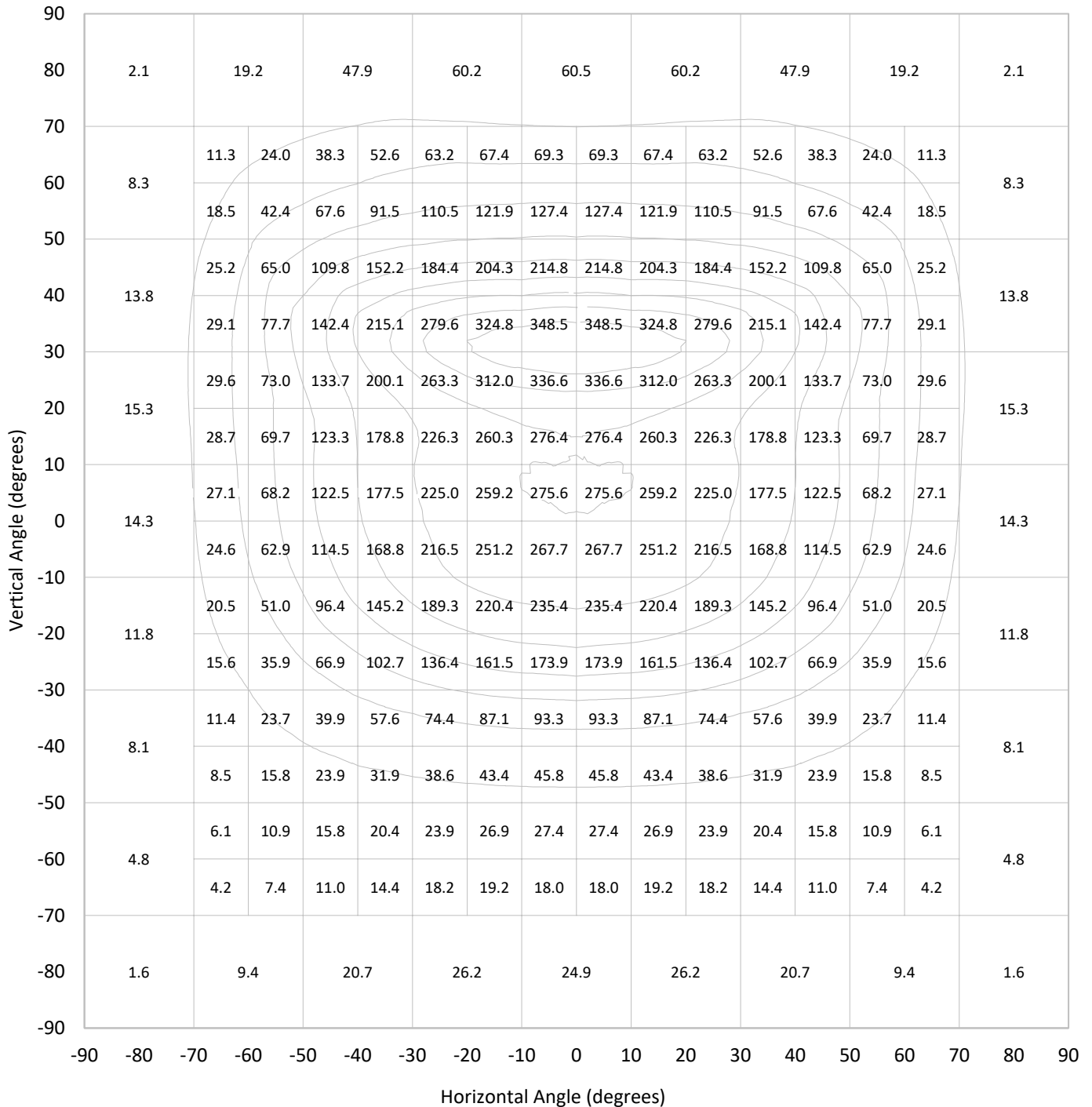
### Iso-Candela Plot





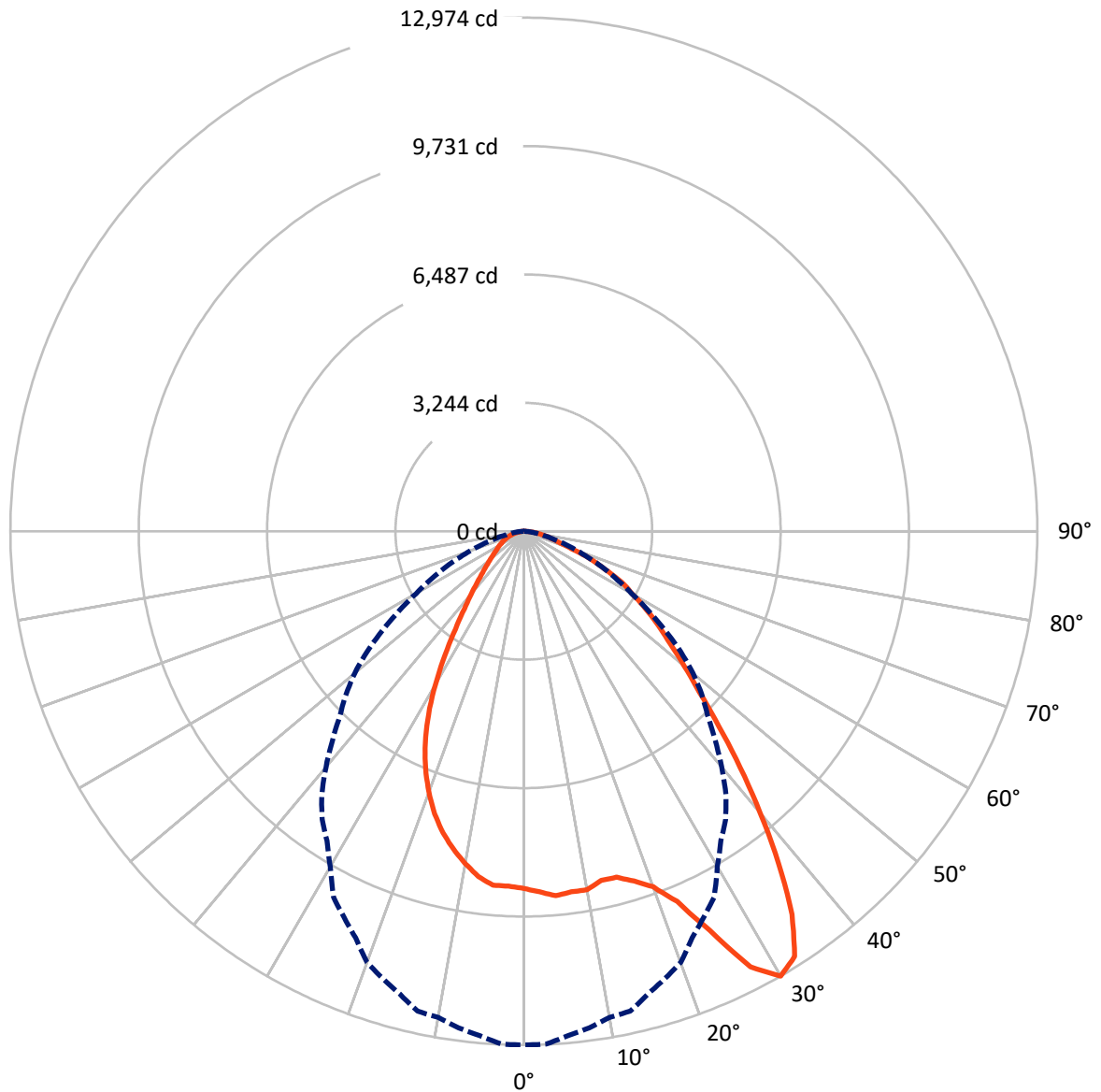
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### Lumen Table



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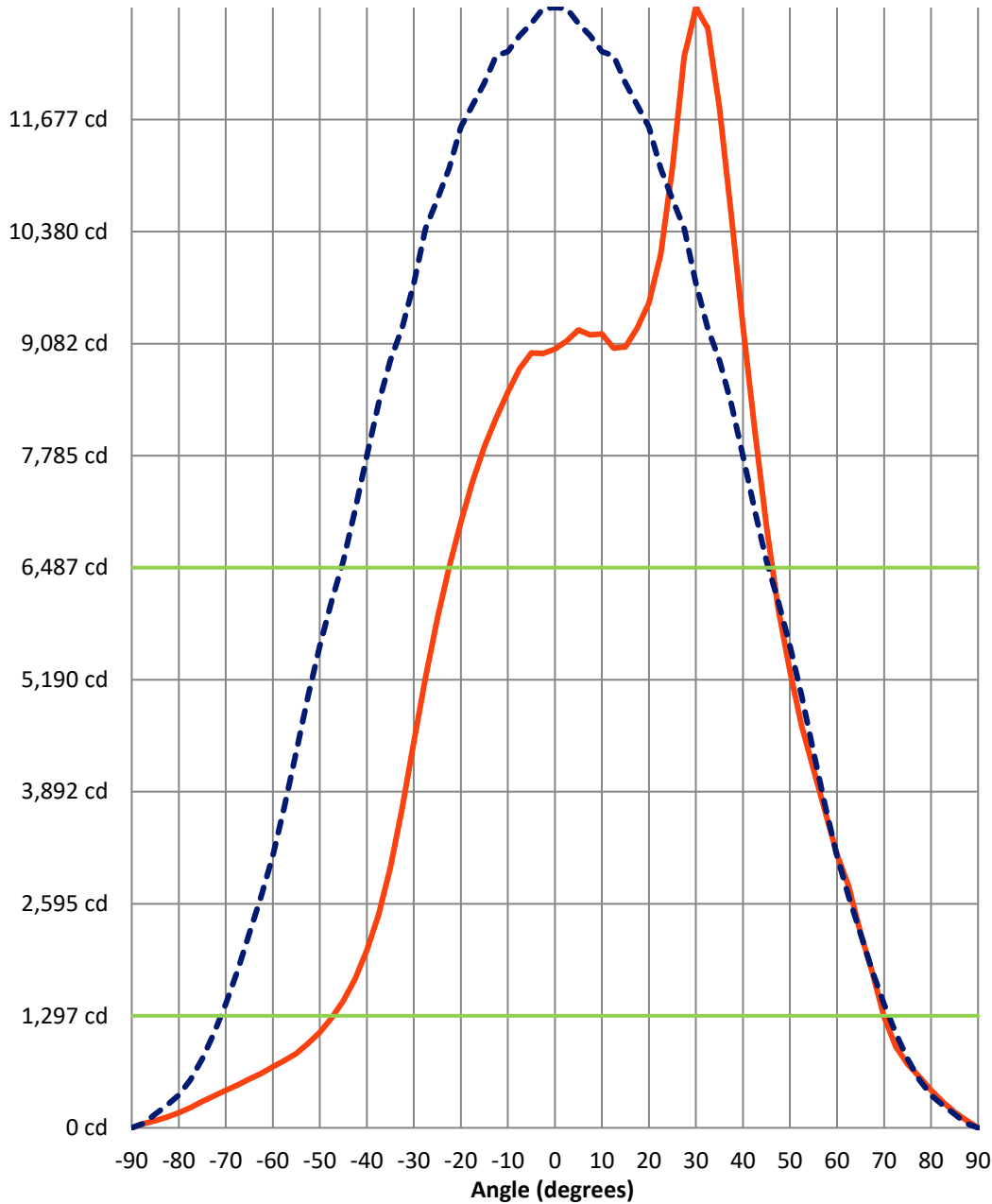
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 90.8°  
 V Angle: 68.8°  
 Lumens: 12594.1  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 20295.9  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1361.6  
 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°	87.2	89.5	91.8	91.8	89.5	89.5	89.5	87.2	89.5	89.5	89.5
85°	181.3	185.8	190.4	188.1	185.8	181.3	176.7	179.0	181.3	183.5	183.5
82.5°	300.6	307.4	312.0	309.7	305.1	300.6	296.0	298.3	302.9	305.1	305.1
80°	435.9	438.2	440.5	445.1	438.2	438.2	435.9	445.1	449.7	454.3	458.9
77.5°	591.9	594.2	594.2	596.5	598.8	601.1	601.1	617.2	628.6	635.5	642.4
75°	738.8	745.7	752.5	759.4	768.6	773.2	780.1	803.0	821.4	835.1	848.9
72.5°	940.7	949.8	961.3	977.4	993.4	1004.9	1021.0	1048.5	1069.2	1082.9	1099.0
70°	1287.1	1296.3	1307.8	1319.2	1335.3	1346.8	1362.8	1397.2	1417.9	1427.1	1436.2
67.5°	1801.0	1824.0	1844.6	1821.7	1810.2	1794.2	1798.7	1830.9	1851.5	1865.3	1863.0
65°	2257.6	2273.7	2273.7	2271.4	2262.2	2241.6	2253.0	2292.0	2315.0	2326.4	2292.0
62.5°	2794.5	2794.5	2783.0	2801.4	2803.7	2789.9	2783.0	2785.3	2787.6	2794.5	2737.1
60°	3166.2	3189.1	3196.0	3212.1	3216.6	3216.6	3228.1	3237.3	3237.3	3223.5	3157.0
57.5°	3657.1	3700.7	3709.9	3698.4	3675.5	3645.7	3641.1	3627.3	3599.8	3572.3	3540.1
55°	4152.7	4175.7	4173.4	4166.5	4143.5	4109.1	4113.7	4095.4	4051.8	4017.4	3973.8
52.5°	4650.6	4705.7	4714.8	4701.1	4668.9	4632.2	4634.5	4613.9	4570.3	4533.6	4473.9
50°	5286.1	5332.0	5327.4	5304.5	5258.6	5231.1	5233.3	5194.3	5143.9	5132.4	5054.4
47.5°	6013.4	6066.2	6057.0	6024.9	5962.9	5951.5	5962.9	5912.5	5882.6	5857.4	5765.6
45°	6967.9	7029.8	6995.4	6933.4	6834.8	6846.3	6862.3	6853.1	6788.9	6722.4	6605.4
42.5°	8087.5	8126.5	8085.2	8023.2	7899.3	7922.3	7913.1	7858.1	7819.0	7708.9	7559.8
40°	9285.1	9370.0	9305.8	9209.4	9080.9	9115.3	9090.1	9019.0	8927.2	8789.5	8601.4
37.5°	10576.8	10643.4	10569.9	10457.5	10342.8	10331.3	10280.9	10170.7	10040.0	9888.5	9588.0
35°	11813.5	11985.5	11850.2	11671.2	11531.3	11478.5	11430.3	11175.6	11026.5	10781.0	10370.3
32.5°	12733.5	12859.7	12692.2	12506.3	12336.6	12263.1	12093.4	11790.5	11710.2	11194.0	10817.7
30°	12974.4	12965.2	12790.8	12648.6	12465.0	12414.6	12102.5	11845.6	11588.6	11111.4	10753.5
27.5°	12400.8	12343.5	12176.0	12052.1	11870.8	11811.2	11503.7	11366.1	10969.2	10565.4	10262.5
25°	11122.9	11152.7	11026.5	10964.6	10845.3	10716.8	10595.2	10409.3	10161.6	9808.2	9530.6
22.5°	10115.7	10154.7	10101.9	10028.5	9936.7	9865.6	9773.8	9629.3	9390.7	9172.7	8911.1
20°	9555.8	9544.4	9498.5	9443.4	9356.2	9305.8	9204.8	9083.2	8899.7	8711.5	8429.3
17.5°	9262.2	9191.1	9147.5	9126.8	9080.9	9016.7	8897.4	8773.5	8631.2	8417.9	8211.4
15°	9044.2	9055.7	9021.3	9005.2	8968.5	8879.0	8757.4	8656.5	8463.8	8355.9	8167.8
12.5°	9030.5	9019.0	9021.3	9014.4	8968.5	8853.8	8791.8	8663.4	8539.5	8397.2	8181.6
10°	9193.3	9071.7	9080.9	9113.0	9039.6	8947.9	8881.3	8741.4	8624.4	8443.1	8229.7
7.5°	9184.2	9122.2	9140.6	9087.8	9110.8	8998.3	8906.6	8766.6	8619.8	8427.0	8234.3
5°	9239.2	9145.2	9129.1	9133.7	9076.3	8991.4	8867.6	8734.5	8596.8	8381.2	8183.8
2.5°	9113.0	9126.8	9053.4	9025.9	9019.0	8876.7	8762.0	8633.5	8491.3	8300.9	8124.2
0°	9019.0	9044.2	8968.5	8929.5	8927.2	8805.6	8732.2	8585.4	8484.4	8326.1	8112.7
-2.5°	8968.5	8998.3	9007.5	8936.4	8867.6	8773.5	8649.6	8491.3	8326.1	8142.5	7959.0
-5°	8973.1	8913.4	8888.2	8911.1	8851.5	8757.4	8619.8	8479.8	8316.9	8119.6	7890.2
-7.5°	8791.8	8732.2	8727.6	8716.1	8702.4	8612.9	8498.2	8346.7	8181.6	7998.0	7784.6
-10°	8521.1	8477.5	8466.0	8454.6	8417.9	8365.1	8257.3	8119.6	7970.5	7786.9	7559.8
-12.5°	8220.6	8199.9	8156.3	8126.5	8089.8	8027.8	7924.6	7798.4	7649.3	7486.4	7291.4
-15°	7887.9	7848.9	7805.3	7780.0	7727.3	7653.9	7550.6	7433.6	7270.7	7110.1	6926.6
-17.5°	7486.4	7438.2	7390.0	7383.1	7346.4	7234.0	7137.6	6995.4	6853.1	6699.4	6520.5
-20°	7013.7	6947.2	6915.1	6896.7	6846.3	6763.7	6660.4	6529.6	6392.0	6245.1	6038.7



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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°	6490.6	6433.3	6378.2	6343.8	6300.2	6236.0	6137.3	6022.6	5887.2	5722.0	5531.6
-25°	5896.4	5816.1	5781.7	5742.7	5719.7	5660.1	5563.7	5458.2	5318.2	5157.6	4976.4
-27.5°	5217.3	5153.0	5134.7	5079.6	5052.1	4990.1	4909.8	4811.2	4682.7	4531.3	4382.2
-30°	4467.0	4428.0	4398.2	4343.2	4322.5	4256.0	4203.2	4120.6	4003.6	3895.8	3776.5
-32.5°	3696.2	3657.1	3648.0	3622.7	3609.0	3565.4	3505.7	3446.1	3352.0	3271.7	3175.3
-35°	3012.4	2984.9	2987.2	2984.9	2971.1	2939.0	2865.6	2849.5	2780.7	2707.3	2645.4
-37.5°	2466.4	2468.7	2466.4	2464.1	2445.7	2432.0	2379.2	2358.6	2317.3	2246.1	2209.4
-40°	2055.7	2060.3	2058.0	2053.4	2032.8	2025.9	1991.5	1963.9	1947.9	1897.4	1858.4
-42.5°	1723.0	1729.9	1727.6	1725.3	1711.6	1709.3	1690.9	1658.8	1649.6	1619.8	1578.5
-45°	1470.7	1468.4	1463.8	1468.4	1461.5	1454.6	1443.1	1422.5	1411.0	1397.2	1362.8
-47.5°	1271.1	1273.3	1268.8	1268.8	1259.6	1252.7	1248.1	1234.3	1225.2	1213.7	1193.0
-50°	1105.9	1115.0	1112.7	1110.5	1103.6	1099.0	1099.0	1085.2	1071.4	1066.9	1053.1
-52.5°	977.4	984.3	986.6	991.1	993.4	995.7	988.9	975.1	952.1	949.8	943.0
-55°	860.4	881.0	894.8	904.0	913.1	920.0	906.3	887.9	865.0	855.8	853.5
-57.5°	780.1	800.7	816.8	830.5	842.0	853.5	839.7	821.4	800.7	789.2	787.0
-60°	706.7	725.0	741.1	759.4	775.5	793.8	787.0	773.2	761.7	752.5	743.4
-62.5°	628.6	647.0	665.4	688.3	708.9	727.3	729.6	727.3	725.0	727.3	711.2
-65°	564.4	573.6	585.1	610.3	633.2	653.9	665.4	672.2	683.7	695.2	679.1
-67.5°	495.6	507.0	520.8	539.2	557.5	571.3	587.3	605.7	624.1	642.4	630.9
-70°	433.6	442.8	454.3	463.5	474.9	484.1	497.9	518.5	539.2	557.5	552.9
-72.5°	369.4	378.6	385.4	390.0	396.9	401.5	408.4	426.7	440.5	449.7	449.7
-75°	305.1	314.3	321.2	323.5	328.1	330.4	335.0	341.9	348.7	351.0	353.3
-77.5°	234.0	243.2	250.1	254.7	259.3	263.8	266.1	270.7	273.0	273.0	275.3
-80°	174.4	181.3	185.8	192.7	195.0	199.6	204.2	206.5	208.8	208.8	211.1
-82.5°	123.9	128.5	133.1	137.7	142.2	144.5	149.1	151.4	153.7	156.0	158.3
-85°	82.6	87.2	91.8	96.4	98.7	101.0	103.2	105.5	107.8	110.1	112.4
-87.5°	48.2	50.5	52.8	57.4	59.7	64.2	66.5	64.2	66.5	66.5	66.5
-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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**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°	89.5	89.5	89.5	89.5	87.2	82.6	80.3	75.7	71.1	66.5	61.9
85°	185.8	188.1	188.1	188.1	183.5	181.3	174.4	167.5	158.3	144.5	133.1
82.5°	309.7	312.0	312.0	309.7	305.1	298.3	289.1	277.6	259.3	240.9	224.8
80°	465.7	468.0	468.0	465.7	454.3	442.8	431.3	417.6	394.6	369.4	341.9
77.5°	651.6	656.2	656.2	649.3	633.2	619.5	601.1	578.2	543.8	507.0	470.3
75°	867.3	878.7	881.0	874.1	853.5	828.3	798.4	759.4	706.7	660.8	617.2
72.5°	1117.3	1128.8	1138.0	1128.8	1099.0	1064.6	1021.0	975.1	922.3	860.4	787.0
70°	1445.4	1456.9	1463.8	1434.0	1381.2	1323.8	1271.1	1218.3	1156.3	1080.6	1000.3
67.5°	1858.4	1846.9	1833.2	1773.5	1707.0	1638.1	1564.7	1486.7	1406.4	1326.1	1232.1
65°	2255.3	2223.2	2193.4	2122.2	2037.4	1947.9	1863.0	1775.8	1679.4	1578.5	1489.0
62.5°	2672.9	2604.1	2530.6	2443.5	2356.3	2257.6	2172.7	2069.5	1961.6	1837.8	1723.0
60°	3083.6	3001.0	2927.6	2819.7	2705.0	2571.9	2480.2	2379.2	2253.0	2120.0	1984.6
57.5°	3480.5	3391.0	3310.7	3216.6	3092.7	2948.2	2847.3	2716.5	2583.4	2415.9	2278.3
55°	3902.6	3813.2	3748.9	3643.4	3508.0	3374.9	3264.8	3127.2	2941.3	2762.4	2592.6
52.5°	4386.7	4315.6	4246.8	4139.0	3976.1	3840.7	3719.1	3565.4	3370.4	3150.1	2945.9
50°	4928.2	4891.5	4818.1	4691.9	4506.0	4386.7	4226.1	4021.9	3813.2	3581.4	3326.8
47.5°	5646.3	5586.7	5483.4	5345.8	5189.8	5010.8	4795.1	4556.5	4260.6	4003.6	3732.9
45°	6504.4	6394.3	6261.2	6075.4	5882.6	5680.7	5444.4	5141.6	4744.7	4409.7	4125.2
42.5°	7433.6	7284.5	7103.2	6860.0	6609.9	6362.2	6107.5	5694.5	5198.9	4813.5	4492.3
40°	8404.1	8213.7	7986.5	7633.2	7355.6	7036.7	6745.3	6128.1	5600.4	5182.9	4841.0
37.5°	9353.9	9113.0	8732.2	8303.2	7979.7	7718.1	7078.0	6417.2	5944.6	5485.7	5139.3
35°	10081.2	9877.1	9204.8	8759.7	8482.1	8069.1	7268.4	6591.6	6091.4	5710.6	5171.4
32.5°	10512.6	9984.9	9395.2	8945.6	8716.1	8039.3	7282.2	6642.1	6160.3	5733.5	5088.8
30°	10416.2	9778.4	9262.2	8885.9	8388.0	7780.0	7153.7	6564.1	6096.0	5579.8	4997.0
27.5°	9835.8	9342.5	8881.3	8489.0	8000.3	7454.3	6876.1	6357.6	5921.6	5421.5	4870.8
25°	9179.6	8732.2	8390.3	8048.5	7585.0	7064.2	6554.9	6180.9	5742.7	5249.4	4705.7
22.5°	8576.2	8255.0	7986.5	7628.6	7176.6	6722.4	6405.7	6018.0	5568.3	5068.2	4535.9
20°	8190.7	7972.8	7665.3	7270.7	6915.1	6630.6	6279.6	5868.9	5405.4	4882.3	4391.3
17.5°	8004.9	7752.5	7410.7	7153.7	6880.7	6568.6	6176.3	5740.4	5247.1	4797.4	4407.4
15°	7908.5	7642.4	7417.5	7165.2	6857.7	6529.6	6093.7	5641.7	5247.1	4831.8	4418.9
12.5°	7929.2	7699.7	7454.3	7178.9	6848.6	6497.5	6102.9	5683.0	5274.6	4857.1	4421.2
10°	7993.4	7752.5	7491.0	7185.8	6853.1	6506.7	6128.1	5708.3	5288.4	4868.6	4416.6
7.5°	8016.4	7754.8	7474.9	7167.5	6841.7	6502.1	6132.7	5715.2	5290.7	4866.3	4402.8
5°	7945.2	7708.9	7438.2	7128.5	6809.5	6479.2	6114.4	5706.0	5272.4	4843.3	4368.4
2.5°	7848.9	7658.4	7399.2	7100.9	6777.4	6447.0	6084.5	5664.7	5231.1	4802.0	4324.8
0°	7832.8	7596.5	7334.9	7068.8	6724.7	6375.9	6015.7	5586.7	5155.3	4724.0	4249.1
-2.5°	7727.3	7477.2	7215.6	6926.6	6623.7	6272.7	5894.1	5474.3	5047.5	4623.1	4166.5
-5°	7647.0	7369.4	7091.7	6779.7	6474.6	6123.5	5731.2	5322.8	4905.3	4492.3	4051.8
-7.5°	7539.1	7254.6	6963.3	6637.5	6307.1	5949.2	5561.4	5153.0	4742.4	4331.7	3909.5
-10°	7321.2	7071.1	6798.1	6460.8	6112.1	5754.2	5368.7	4967.2	4556.5	4141.3	3716.8
-12.5°	7057.3	6793.5	6495.2	6185.5	5873.5	5540.8	5155.3	4760.7	4347.7	3930.2	3508.0
-15°	6715.5	6456.2	6151.1	5848.2	5547.7	5228.8	4889.2	4533.6	4113.7	3703.0	3280.9
-17.5°	6288.7	6045.5	5772.5	5483.4	5185.2	4864.0	4533.6	4233.0	3840.7	3455.2	3037.7
-20°	5829.9	5602.7	5357.2	5084.2	4786.0	4471.6	4159.6	3845.3	3505.7	3166.2	2778.4



REPORT NUMBER: P722082  
 CATALOG NUMBER: IFLD-S-SA3C-740-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	5352.7	5123.2	4875.4	4620.8	4345.4	4054.1	3765.0	3464.4	3166.2	2858.7	2530.6
-25°	4802.0	4600.1	4373.0	4125.2	3879.7	3625.0	3349.7	3076.7	2822.0	2555.9	2287.4
-27.5°	4226.1	4040.3	3833.8	3618.1	3407.1	3193.7	2955.1	2702.7	2491.6	2271.4	2048.8
-30°	3620.4	3471.3	3303.8	3115.7	2952.8	2780.7	2581.1	2372.3	2179.6	2012.1	1833.2
-32.5°	3046.9	2920.7	2801.4	2677.5	2516.9	2383.8	2246.1	2092.4	1922.6	1764.3	1635.9
-35°	2553.6	2418.2	2367.7	2276.0	2161.3	2044.2	1943.3	1833.2	1704.7	1564.7	1459.2
-37.5°	2138.3	2058.0	1986.9	1936.4	1860.7	1766.6	1686.3	1606.0	1507.4	1401.8	1296.3
-40°	1814.8	1759.7	1681.7	1656.5	1608.3	1544.1	1461.5	1399.5	1333.0	1252.7	1163.2
-42.5°	1555.6	1514.3	1463.8	1420.2	1399.5	1353.6	1289.4	1229.8	1177.0	1121.9	1053.1
-45°	1342.2	1314.6	1282.5	1243.5	1227.5	1190.8	1144.9	1078.3	1048.5	1002.6	952.1
-47.5°	1170.1	1156.3	1133.4	1108.2	1085.2	1057.7	1016.4	975.1	933.8	904.0	865.0
-50°	1034.7	1025.6	1011.8	991.1	961.3	943.0	915.4	878.7	839.7	814.5	787.0
-52.5°	926.9	917.7	908.6	892.5	869.5	851.2	828.3	798.4	766.3	741.1	718.1
-55°	844.3	830.5	823.7	809.9	791.5	770.9	750.2	729.6	702.1	679.1	656.2
-57.5°	780.1	761.7	752.5	741.1	722.7	702.1	686.0	665.4	647.0	621.8	601.1
-60°	729.6	708.9	690.6	679.1	663.1	642.4	626.3	610.3	591.9	571.3	546.0
-62.5°	688.3	663.1	637.8	624.1	608.0	589.6	573.6	557.5	539.2	518.5	495.6
-65°	649.3	619.5	587.3	573.6	557.5	539.2	518.5	507.0	491.0	472.6	449.7
-67.5°	601.1	569.0	541.5	525.4	509.3	493.3	474.9	463.5	447.4	424.4	401.5
-70°	530.0	509.3	491.0	477.2	463.5	449.7	431.3	413.0	394.6	374.0	353.3
-72.5°	440.5	433.6	431.3	424.4	408.4	392.3	374.0	355.6	339.6	323.5	307.4
-75°	355.6	360.2	364.8	362.5	346.4	330.4	314.3	298.3	286.8	273.0	259.3
-77.5°	282.2	286.8	291.4	291.4	279.9	270.7	259.3	247.8	238.6	227.1	213.4
-80°	218.0	224.8	231.7	236.3	227.1	220.3	211.1	201.9	192.7	183.5	174.4
-82.5°	165.2	172.1	179.0	183.5	176.7	172.1	165.2	158.3	151.4	142.2	135.4
-85°	119.3	123.9	128.5	130.8	126.2	121.6	117.0	112.4	107.8	101.0	96.4
-87.5°	68.8	71.1	73.4	75.7	71.1	66.5	64.2	59.7	57.4	52.8	50.5
-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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**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°	57.4	52.8	48.2	45.9	41.3	34.4	29.8	25.2	20.6	16.1	13.8
85°	121.6	110.1	96.4	89.5	80.3	71.1	61.9	52.8	43.6	34.4	25.2
82.5°	208.8	195.0	181.3	165.2	144.5	119.3	94.1	78.0	64.2	50.5	39.0
80°	314.3	289.1	266.1	245.5	222.5	190.4	156.0	123.9	87.2	66.5	50.5
77.5°	435.9	406.1	374.0	339.6	302.9	259.3	220.3	179.0	135.4	91.8	64.2
75°	573.6	534.6	491.0	442.8	394.6	337.3	282.2	234.0	183.5	128.5	78.0
72.5°	727.3	679.1	626.3	562.1	486.4	419.9	353.3	289.1	229.4	162.9	105.5
70°	924.6	848.9	770.9	702.1	605.7	500.2	422.2	348.7	273.0	199.6	133.1
67.5°	1135.7	1043.9	949.8	848.9	727.3	603.4	491.0	408.4	318.9	234.0	158.3
65°	1365.1	1250.4	1131.1	1018.7	851.2	704.4	578.2	465.7	362.5	266.1	183.5
62.5°	1601.4	1466.1	1328.4	1181.6	988.9	807.6	660.8	530.0	403.8	296.0	206.5
60°	1853.8	1695.5	1528.0	1344.5	1119.6	920.0	738.8	596.5	447.4	325.8	231.7
57.5°	2120.0	1947.9	1750.6	1502.8	1255.0	1027.9	828.3	656.2	486.4	353.3	250.1
55°	2409.0	2211.7	1996.1	1668.0	1388.1	1135.7	917.7	715.8	527.7	376.3	268.4
52.5°	2721.1	2491.6	2218.6	1842.3	1528.0	1245.8	1000.3	768.6	566.7	401.5	284.5
50°	3069.8	2780.7	2413.6	2002.9	1649.6	1349.1	1082.9	826.0	598.8	429.0	298.3
47.5°	3432.3	3120.3	2588.0	2152.1	1773.5	1450.0	1167.8	876.4	630.9	452.0	312.0
45°	3810.9	3356.6	2769.2	2285.1	1881.3	1541.8	1232.1	922.3	669.9	472.6	323.5
42.5°	4184.8	3535.5	2927.6	2418.2	1982.3	1624.4	1284.8	965.9	702.1	493.3	335.0
40°	4361.5	3670.9	3053.7	2510.0	2067.2	1697.8	1330.7	1004.9	729.6	507.0	346.4
37.5°	4434.9	3753.5	3136.3	2597.2	2133.7	1736.8	1369.7	1039.3	752.5	520.8	355.6
35°	4451.0	3783.3	3177.6	2656.8	2188.8	1773.5	1399.5	1064.6	770.9	534.6	364.8
32.5°	4421.2	3774.2	3189.1	2677.5	2223.2	1801.0	1420.2	1082.9	784.7	548.3	374.0
30°	4354.6	3726.0	3147.8	2675.2	2248.4	1817.1	1434.0	1096.7	798.4	557.5	378.6
27.5°	4246.8	3641.1	3095.0	2677.5	2262.2	1824.0	1440.8	1103.6	807.6	564.4	387.7
25°	4113.7	3526.4	3097.3	2672.9	2264.5	1826.3	1440.8	1103.6	809.9	566.7	394.6
22.5°	3960.0	3526.4	3097.3	2666.0	2250.7	1821.7	1434.0	1099.0	809.9	571.3	401.5
20°	3969.2	3528.7	3090.5	2652.2	2230.1	1807.9	1417.9	1087.5	803.0	578.2	406.1
17.5°	3976.1	3524.1	3076.7	2633.9	2202.5	1785.0	1397.2	1071.4	803.0	585.1	408.4
15°	3976.1	3510.3	3056.0	2606.3	2168.1	1752.9	1367.4	1057.7	805.3	587.3	413.0
12.5°	3969.2	3485.1	3023.9	2569.6	2126.8	1713.9	1349.1	1053.1	805.3	589.6	413.0
10°	3955.4	3450.7	2982.6	2523.8	2087.8	1700.1	1339.9	1043.9	800.7	589.6	413.0
7.5°	3930.2	3409.4	2948.2	2496.2	2064.9	1684.0	1326.1	1030.2	793.8	585.1	417.6
5°	3891.2	3386.4	2920.7	2464.1	2032.8	1672.6	1316.9	1018.7	789.2	585.1	413.0
2.5°	3840.7	3358.9	2888.6	2422.8	1996.1	1633.6	1287.1	993.4	773.2	575.9	408.4
0°	3758.1	3303.8	2833.5	2365.4	1945.6	1594.6	1257.3	968.2	757.1	566.7	403.8
-2.5°	3682.4	3230.4	2762.4	2305.8	1897.4	1560.1	1234.3	954.4	750.2	564.4	401.5
-5°	3576.8	3129.5	2668.3	2227.8	1833.2	1525.7	1211.4	938.4	743.4	559.8	401.5
-7.5°	3459.8	3023.9	2569.6	2147.5	1768.9	1466.1	1167.8	913.1	727.3	550.6	399.2
-10°	3278.6	2865.6	2445.7	2055.7	1700.1	1413.3	1131.1	890.2	713.5	541.5	390.0
-12.5°	3085.9	2691.2	2303.5	1943.3	1622.1	1358.2	1089.8	865.0	697.5	532.3	385.4
-15°	2881.7	2512.3	2154.4	1826.3	1537.2	1291.7	1046.2	837.4	681.4	520.8	378.6
-17.5°	2668.3	2324.1	2000.6	1707.0	1452.3	1222.9	1000.3	812.2	663.1	509.3	371.7
-20°	2443.5	2131.4	1844.6	1585.4	1362.8	1154.0	952.1	782.4	642.4	495.6	362.5



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CATALOG NUMBER: IFLD-S-SA3C-740-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2220.9	1941.0	1684.0	1466.1	1271.1	1082.9	904.0	752.5	619.5	479.5	355.6
-25°	2023.6	1762.0	1541.8	1351.4	1181.6	1014.1	853.5	722.7	594.2	463.5	346.4
-27.5°	1830.9	1608.3	1401.8	1243.5	1094.4	947.6	805.3	690.6	569.0	445.1	337.3
-30°	1651.9	1461.5	1291.7	1138.0	1011.8	887.9	764.0	658.5	541.5	426.7	325.8
-32.5°	1489.0	1335.3	1193.0	1046.2	933.8	828.3	725.0	626.3	513.9	408.4	314.3
-35°	1337.6	1218.3	1094.4	970.5	855.8	773.2	683.7	591.9	488.7	387.7	302.9
-37.5°	1202.2	1105.9	1007.2	901.7	803.0	720.4	644.7	557.5	463.5	369.4	291.4
-40°	1085.2	1007.2	920.0	835.1	752.5	674.5	605.7	523.1	438.2	355.6	279.9
-42.5°	977.4	917.7	846.6	775.5	702.1	633.2	566.7	486.4	413.0	339.6	268.4
-45°	894.8	835.1	777.8	713.5	651.6	591.9	525.4	454.3	390.0	321.2	257.0
-47.5°	816.8	764.0	711.2	658.5	608.0	552.9	486.4	426.7	364.8	305.1	247.8
-50°	747.9	697.5	651.6	605.7	562.1	509.3	447.4	399.2	344.1	289.1	236.3
-52.5°	683.7	640.1	594.2	557.5	520.8	468.0	417.6	371.7	323.5	270.7	224.8
-55°	626.3	585.1	543.8	509.3	474.9	429.0	387.7	348.7	302.9	257.0	213.4
-57.5°	571.3	536.9	497.9	465.7	431.3	394.6	360.2	323.5	282.2	243.2	201.9
-60°	520.8	488.7	454.3	422.2	392.3	362.5	330.4	300.6	263.8	227.1	190.4
-62.5°	470.3	442.8	413.0	380.9	357.9	330.4	305.1	275.3	245.5	213.4	169.8
-65°	424.4	399.2	371.7	344.1	323.5	302.9	279.9	252.4	227.1	197.3	151.4
-67.5°	378.6	355.6	332.7	309.7	291.4	275.3	252.4	231.7	211.1	179.0	133.1
-70°	335.0	316.6	296.0	277.6	263.8	245.5	229.4	211.1	192.7	156.0	112.4
-72.5°	293.7	275.3	259.3	245.5	234.0	218.0	204.2	190.4	165.2	130.8	94.1
-75°	245.5	234.0	224.8	213.4	201.9	190.4	179.0	162.9	137.7	105.5	73.4
-77.5°	201.9	195.0	188.1	179.0	169.8	160.6	146.8	130.8	110.1	82.6	59.7
-80°	165.2	158.3	153.7	144.5	137.7	128.5	114.7	101.0	80.3	64.2	48.2
-82.5°	126.2	121.6	117.0	112.4	105.5	96.4	82.6	71.1	59.7	48.2	36.7
-85°	89.5	87.2	82.6	78.0	71.1	64.2	55.1	48.2	41.3	32.1	25.2
-87.5°	45.9	43.6	41.3	39.0	36.7	32.1	27.5	22.9	20.6	16.1	11.5
-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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**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	9.2	6.9	2.3	0.0
85°	18.4	11.5	4.6	0.0
82.5°	27.5	18.4	6.9	0.0
80°	36.7	22.9	11.5	0.0
77.5°	45.9	27.5	13.8	0.0
75°	55.1	34.4	16.1	0.0
72.5°	61.9	39.0	18.4	0.0
70°	73.4	45.9	20.6	0.0
67.5°	91.8	50.5	22.9	0.0
65°	107.8	55.1	25.2	0.0
62.5°	126.2	59.7	27.5	0.0
60°	142.2	64.2	29.8	0.0
57.5°	158.3	75.7	32.1	0.0
55°	172.1	84.9	34.4	0.0
52.5°	188.1	94.1	36.7	0.0
50°	201.9	103.2	39.0	0.0
47.5°	213.4	112.4	39.0	0.0
45°	222.5	119.3	41.3	0.0
42.5°	229.4	126.2	43.6	0.0
40°	236.3	133.1	45.9	0.0
37.5°	243.2	140.0	45.9	0.0
35°	250.1	146.8	48.2	0.0
32.5°	257.0	153.7	48.2	0.0
30°	261.6	158.3	50.5	0.0
27.5°	268.4	162.9	50.5	0.0
25°	270.7	167.5	52.8	0.0
22.5°	275.3	169.8	52.8	0.0
20°	279.9	174.4	52.8	0.0
17.5°	282.2	176.7	55.1	0.0
15°	282.2	179.0	57.4	0.0
12.5°	284.5	181.3	57.4	0.0
10°	284.5	185.8	55.1	0.0
7.5°	289.1	183.5	55.1	0.0
5°	286.8	183.5	55.1	0.0
2.5°	284.5	181.3	55.1	0.0
0°	282.2	181.3	55.1	0.0
-2.5°	282.2	181.3	55.1	0.0
-5°	282.2	181.3	55.1	0.0
-7.5°	279.9	183.5	55.1	0.0
-10°	275.3	183.5	55.1	0.0
-12.5°	273.0	176.7	55.1	0.0
-15°	270.7	174.4	55.1	0.0
-17.5°	266.1	172.1	52.8	0.0
-20°	261.6	169.8	52.8	0.0



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CATALOG NUMBER: IFLD-S-SA3C-740-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	257.0	165.2	52.8	0.0
-25°	252.4	160.6	50.5	0.0
-27.5°	247.8	156.0	50.5	0.0
-30°	240.9	151.4	48.2	0.0
-32.5°	234.0	146.8	48.2	0.0
-35°	229.4	140.0	45.9	0.0
-37.5°	222.5	133.1	45.9	0.0
-40°	215.7	126.2	43.6	0.0
-42.5°	208.8	119.3	41.3	0.0
-45°	199.6	112.4	41.3	0.0
-47.5°	192.7	105.5	39.0	0.0
-50°	181.3	96.4	36.7	0.0
-52.5°	167.5	87.2	34.4	0.0
-55°	153.7	80.3	32.1	0.0
-57.5°	140.0	71.1	32.1	0.0
-60°	126.2	61.9	29.8	0.0
-62.5°	112.4	57.4	27.5	0.0
-65°	98.7	52.8	25.2	0.0
-67.5°	82.6	45.9	22.9	0.0
-70°	68.8	41.3	20.6	0.0
-72.5°	59.7	36.7	18.4	0.0
-75°	50.5	32.1	16.1	0.0
-77.5°	43.6	27.5	13.8	0.0
-80°	34.4	20.6	9.2	0.0
-82.5°	25.2	16.1	6.9	0.0
-85°	16.1	11.5	4.6	0.0
-87.5°	9.2	4.6	2.3	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)