

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: P722034

Luminaire Tested: **IFLD-M-SA4C-730-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722034
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4C-730-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (64) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

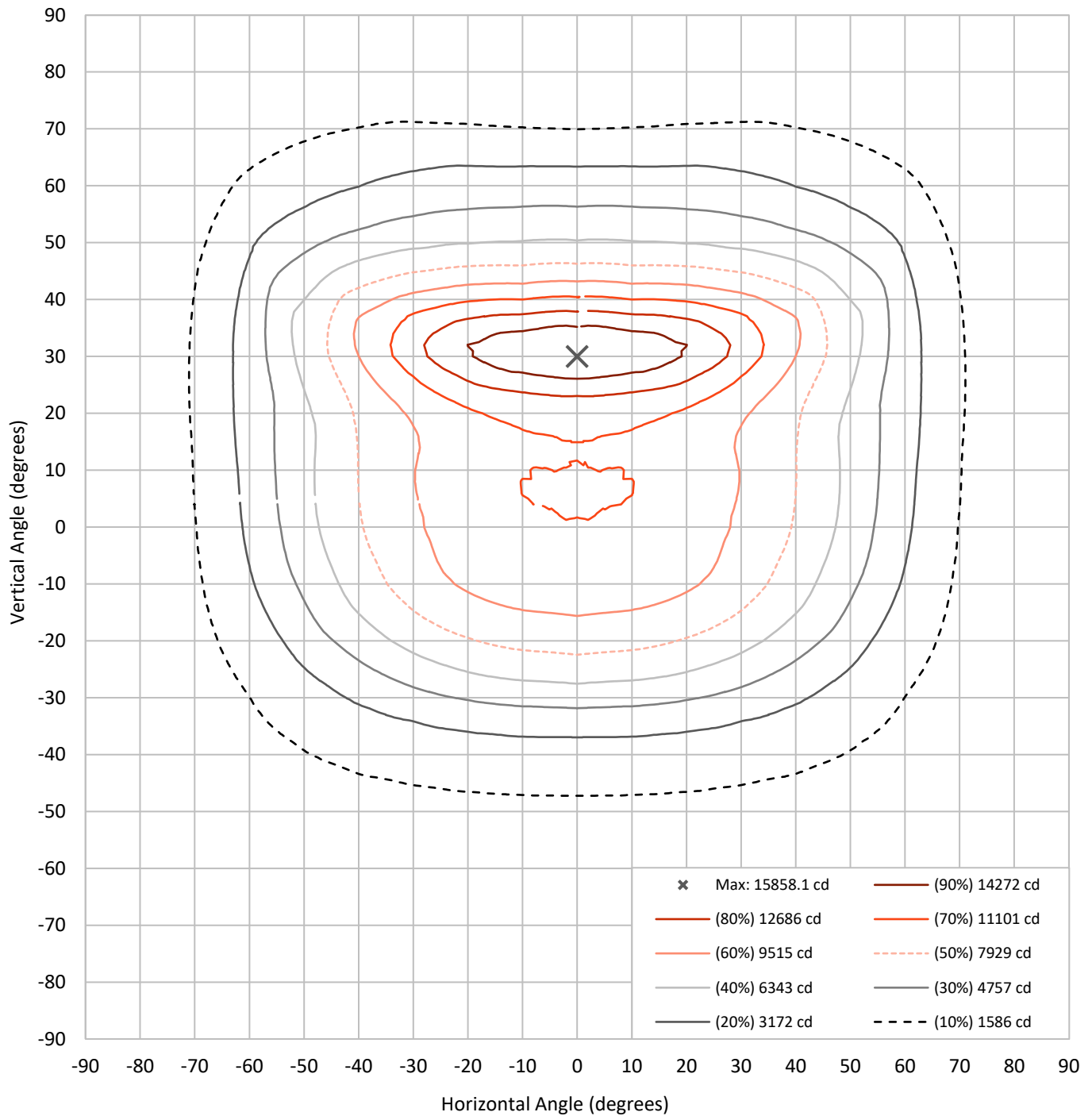
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	26471.1 lumens	Max Intensity:	15858.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	121.4 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	15393.3 lumens	Field Lumens:	24806.9 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 218.1
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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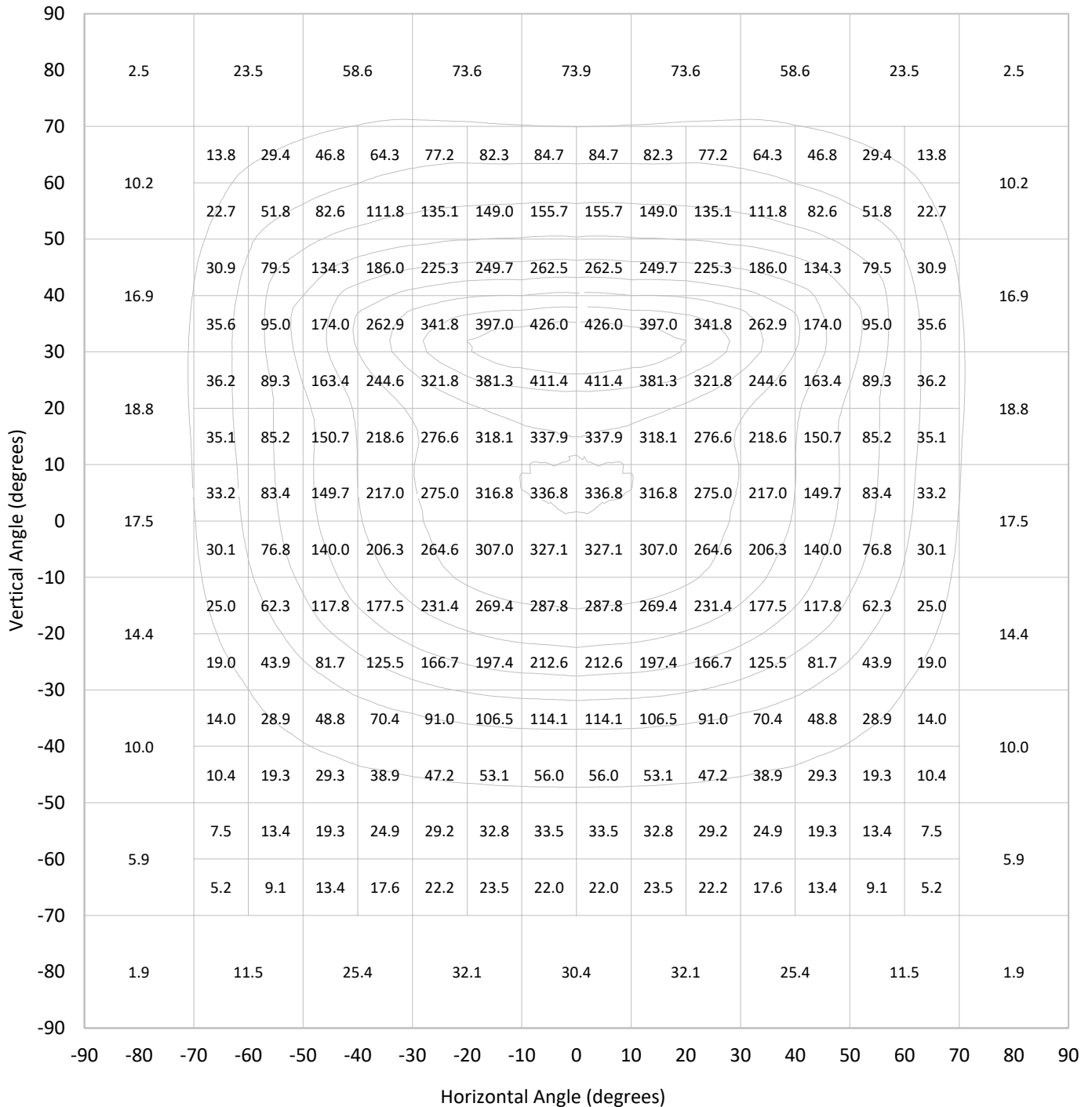
Iso-Candela Plot





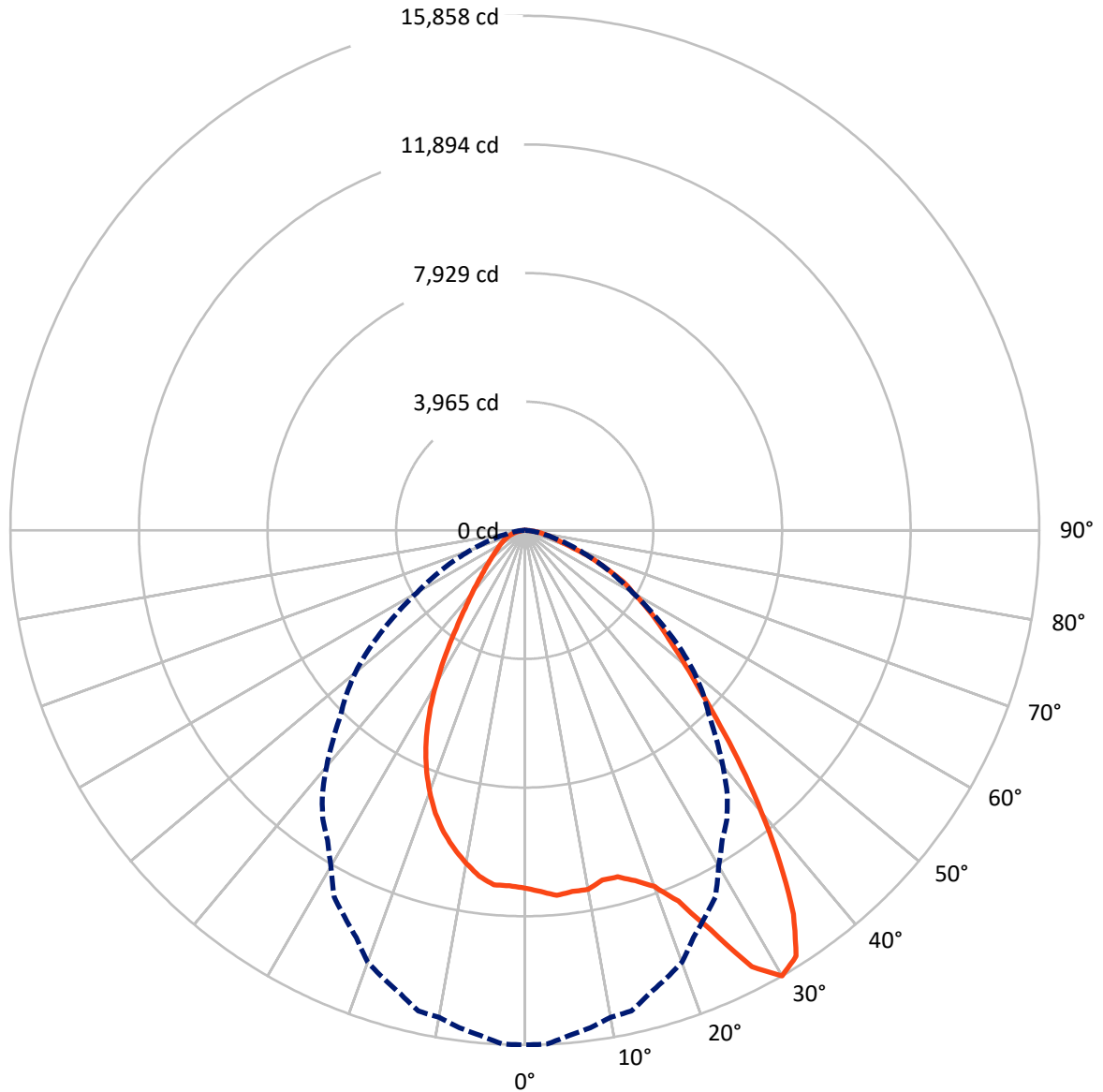
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Lumen Table



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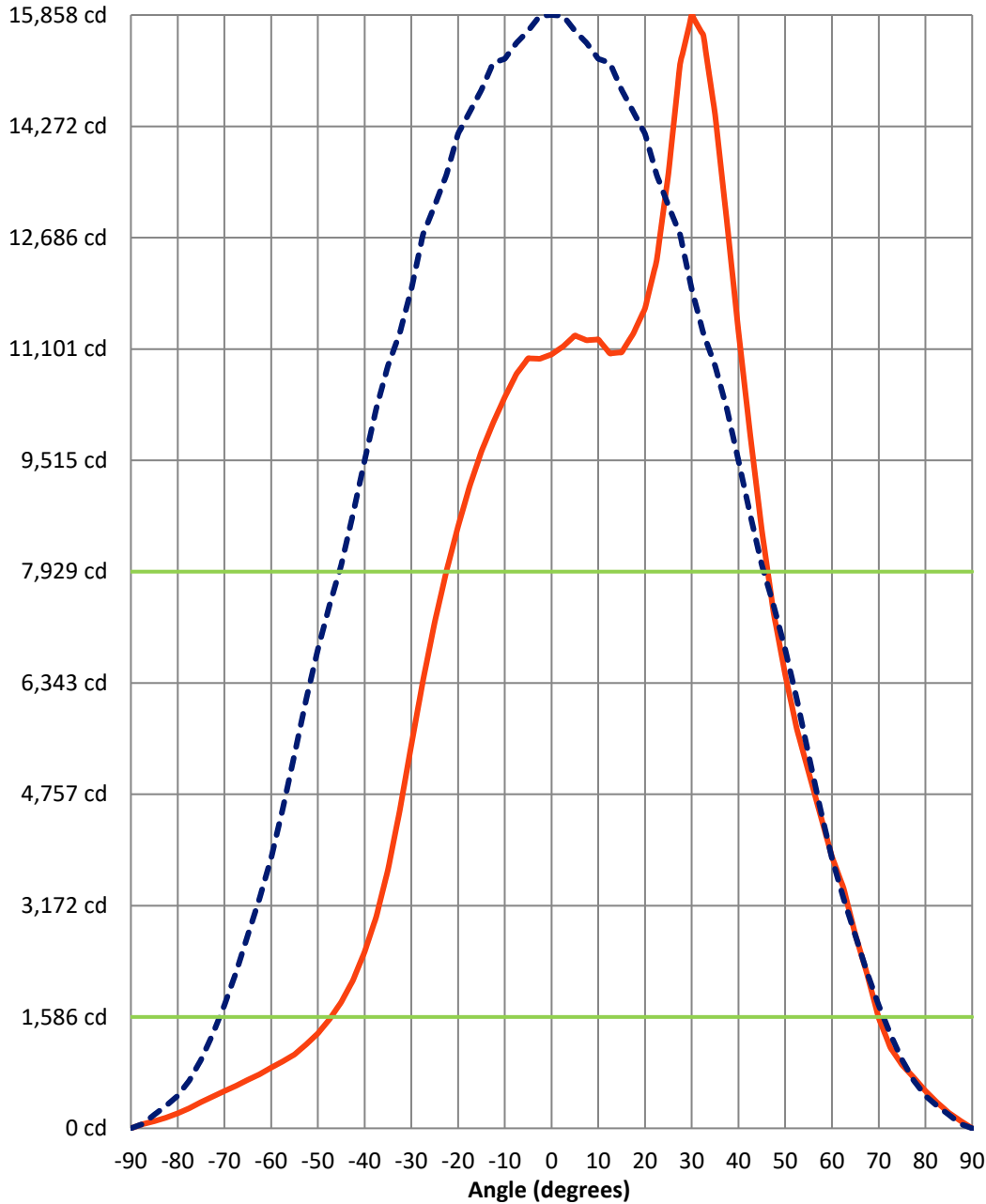
Luminous Intensity Polar Plot



— 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: 15393.3
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 24806.9
 Efficiency: 93.7%

Spill:
 Lumens: 1664.3
 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°	106.6	109.4	112.2	112.2	109.4	109.4	109.4	106.6	109.4	109.4	109.4
85°	221.5	227.1	232.8	229.9	227.1	221.5	215.9	218.7	221.5	224.3	224.3
82.5°	367.4	375.8	381.4	378.6	373.0	367.4	361.7	364.6	370.2	373.0	373.0
80°	532.8	535.6	538.4	544.0	535.6	535.6	532.8	544.0	549.6	555.2	560.9
77.5°	723.5	726.3	726.3	729.1	731.9	734.7	734.7	754.3	768.4	776.8	785.2
75°	903.0	911.4	919.8	928.2	939.4	945.0	953.4	981.5	1003.9	1020.7	1037.6
72.5°	1149.7	1161.0	1175.0	1194.6	1214.2	1228.3	1247.9	1281.5	1306.8	1323.6	1343.2
70°	1573.2	1584.4	1598.4	1612.4	1632.1	1646.1	1665.7	1707.8	1733.0	1744.2	1755.5
67.5°	2201.3	2229.4	2254.6	2226.6	2212.6	2192.9	2198.5	2237.8	2263.0	2279.9	2277.1
65°	2759.4	2779.0	2779.0	2776.2	2765.0	2739.8	2753.8	2801.5	2829.5	2843.5	2801.5
62.5°	3415.6	3415.6	3401.6	3424.0	3426.8	3410.0	3401.6	3404.4	3407.2	3415.6	3345.5
60°	3869.9	3897.9	3906.3	3926.0	3931.6	3931.6	3945.6	3956.8	3956.8	3940.0	3858.7
57.5°	4470.0	4523.3	4534.5	4520.5	4492.4	4456.0	4450.4	4433.5	4399.9	4366.2	4327.0
55°	5075.7	5103.7	5100.9	5092.5	5064.5	5022.4	5028.0	5005.6	4952.3	4910.3	4857.0
52.5°	5684.2	5751.5	5762.8	5745.9	5706.7	5661.8	5664.6	5639.4	5586.1	5541.2	5468.3
50°	6461.0	6517.1	6511.5	6483.4	6427.4	6393.7	6396.5	6348.8	6287.1	6273.1	6177.8
47.5°	7350.0	7414.5	7403.2	7364.0	7288.3	7274.2	7288.3	7226.6	7190.1	7159.3	7047.1
45°	8516.5	8592.2	8550.2	8474.5	8353.9	8367.9	8387.5	8376.3	8297.8	8216.5	8073.5
42.5°	9885.0	9932.7	9882.2	9806.5	9655.1	9683.1	9671.9	9604.6	9556.9	9422.3	9240.0
40°	11348.8	11452.6	11374.1	11256.3	11099.3	11141.3	11110.5	11023.5	10911.4	10743.1	10513.2
37.5°	12927.6	13009.0	12919.2	12781.8	12641.6	12627.6	12565.9	12431.3	12271.4	12086.4	11719.0
35°	14439.1	14649.4	14484.0	14265.3	14094.2	14029.7	13970.8	13659.5	13477.3	13177.2	12675.2
32.5°	15563.6	15717.9	15513.2	15286.0	15078.5	14988.8	14781.2	14411.1	14312.9	13682.0	13222.1
30°	15858.1	15846.9	15633.7	15459.9	15235.5	15173.8	14792.5	14478.4	14164.3	13581.0	13143.6
27.5°	15157.0	15086.9	14882.2	14730.8	14509.2	14436.3	14060.6	13892.3	13407.2	12913.6	12543.4
25°	13595.0	13631.5	13477.3	13401.5	13255.7	13098.7	12950.1	12722.9	12420.1	11988.2	11648.9
22.5°	12364.0	12411.6	12347.1	12257.4	12145.2	12058.3	11946.1	11769.5	11477.8	11211.4	10891.7
20°	11679.7	11665.7	11609.6	11542.3	11435.8	11374.1	11250.7	11102.1	10877.7	10647.8	10302.8
17.5°	11320.8	11233.9	11180.6	11155.3	11099.3	11020.7	10874.9	10723.5	10549.6	10288.8	10036.4
15°	11054.4	11068.4	11026.3	11006.7	10961.8	10852.5	10703.9	10580.5	10344.9	10213.1	9983.2
12.5°	11037.6	11023.5	11026.3	11017.9	10961.8	10821.6	10745.9	10588.9	10437.4	10263.6	10000.0
10°	11236.7	11088.0	11099.3	11138.5	11048.8	10936.6	10855.3	10684.2	10541.2	10319.7	10058.9
7.5°	11225.4	11149.7	11172.2	11107.7	11135.7	10998.3	10886.1	10715.1	10535.6	10300.0	10064.5
5°	11292.7	11177.8	11158.1	11163.8	11093.6	10989.9	10838.5	10675.8	10507.6	10244.0	10002.8
2.5°	11138.5	11155.3	11065.6	11032.0	11023.5	10849.7	10709.5	10552.4	10378.6	10145.8	9929.9
0°	11023.5	11054.4	10961.8	10914.2	10911.4	10762.7	10673.0	10493.5	10370.1	10176.7	9915.9
-2.5°	10961.8	10998.3	11009.5	10922.6	10838.5	10723.5	10572.1	10378.6	10176.7	9952.3	9728.0
-5°	10967.5	10894.5	10863.7	10891.7	10818.8	10703.9	10535.6	10364.5	10165.4	9924.3	9643.8
-7.5°	10745.9	10673.0	10667.4	10653.4	10636.6	10527.2	10387.0	10201.9	10000.0	9775.6	9514.8
-10°	10415.0	10361.7	10347.7	10333.7	10288.8	10224.3	10092.5	9924.3	9742.0	9517.7	9240.0
-12.5°	10047.7	10022.4	9969.1	9932.7	9887.8	9812.1	9685.9	9531.7	9349.4	9150.3	8911.9
-15°	9641.0	9593.4	9540.1	9509.2	9444.7	9355.0	9228.8	9085.8	8886.7	8690.4	8466.1
-17.5°	9150.3	9091.4	9032.5	9024.1	8979.2	8841.8	8724.0	8550.2	8376.3	8188.4	7969.7
-20°	8572.6	8491.3	8452.0	8429.6	8367.9	8267.0	8140.8	7980.9	7812.7	7633.2	7380.8



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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°	7933.2	7863.1	7795.8	7753.8	7700.5	7622.0	7501.4	7361.2	7195.7	6993.8	6761.1
-25°	7206.9	7108.8	7066.7	7019.1	6991.0	6918.1	6800.3	6671.3	6500.3	6304.0	6082.4
-27.5°	6376.9	6298.4	6275.9	6208.6	6175.0	6099.3	6001.1	5880.5	5723.5	5538.4	5356.1
-30°	5459.9	5412.2	5375.8	5308.5	5283.2	5201.9	5137.4	5036.4	4893.4	4761.6	4615.8
-32.5°	4517.7	4470.0	4458.8	4427.9	4411.1	4357.8	4284.9	4212.0	4097.0	3998.9	3881.1
-35°	3682.0	3648.3	3651.1	3648.3	3631.5	3592.3	3502.5	3482.9	3398.8	3309.0	3233.3
-37.5°	3014.6	3017.4	3014.6	3011.8	2989.3	2972.5	2908.0	2882.8	2832.3	2745.4	2700.5
-40°	2512.6	2518.2	2515.4	2509.8	2484.6	2476.2	2434.1	2400.4	2380.8	2319.1	2271.4
-42.5°	2106.0	2114.4	2111.6	2108.8	2092.0	2089.2	2066.7	2027.5	2016.3	1979.8	1929.3
-45°	1797.5	1794.7	1789.1	1794.7	1786.3	1777.9	1763.9	1738.6	1724.6	1707.8	1665.7
-47.5°	1553.6	1556.4	1550.8	1550.8	1539.5	1531.1	1525.5	1508.7	1497.5	1483.5	1458.2
-50°	1351.7	1362.9	1360.1	1357.3	1348.8	1343.2	1343.2	1326.4	1309.6	1304.0	1287.2
-52.5°	1194.6	1203.0	1205.8	1211.4	1214.2	1217.0	1208.6	1191.8	1163.8	1161.0	1152.6
-55°	1051.6	1076.8	1093.7	1104.9	1116.1	1124.5	1107.7	1085.2	1057.2	1046.0	1043.2
-57.5°	953.4	978.7	998.3	1015.1	1029.2	1043.2	1026.4	1003.9	978.7	964.7	961.9
-60°	863.7	886.1	905.8	928.2	947.8	970.3	961.9	945.0	931.0	919.8	908.6
-62.5°	768.4	790.8	813.2	841.3	866.5	888.9	891.8	888.9	886.1	888.9	869.3
-65°	689.8	701.1	715.1	745.9	774.0	799.2	813.2	821.6	835.7	849.7	830.1
-67.5°	605.7	619.7	636.6	659.0	681.4	698.3	717.9	740.3	762.8	785.2	771.2
-70°	530.0	541.2	555.2	566.5	580.5	591.7	608.5	633.8	659.0	681.4	675.8
-72.5°	451.5	462.7	471.1	476.7	485.1	490.7	499.2	521.6	538.4	549.6	549.6
-75°	373.0	384.2	392.6	395.4	401.0	403.8	409.4	417.8	426.2	429.1	431.9
-77.5°	286.0	297.3	305.7	311.3	316.9	322.5	325.3	330.9	333.7	333.7	336.5
-80°	213.1	221.5	227.1	235.6	238.4	244.0	249.6	252.4	255.2	255.2	258.0
-82.5°	151.4	157.0	162.6	168.3	173.9	176.7	182.3	185.1	187.9	190.7	193.5
-85°	101.0	106.6	112.2	117.8	120.6	123.4	126.2	129.0	131.8	134.6	137.4
-87.5°	58.9	61.7	64.5	70.1	72.9	78.5	81.3	78.5	81.3	81.3	81.3
-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°	109.4	109.4	109.4	109.4	106.6	101.0	98.1	92.5	86.9	81.3	75.7
85°	227.1	229.9	229.9	229.9	224.3	221.5	213.1	204.7	193.5	176.7	162.6
82.5°	378.6	381.4	381.4	378.6	373.0	364.6	353.3	339.3	316.9	294.4	274.8
80°	569.3	572.1	572.1	569.3	555.2	541.2	527.2	510.4	482.3	451.5	417.8
77.5°	796.4	802.0	802.0	793.6	774.0	757.1	734.7	706.7	664.6	619.7	574.9
75°	1060.0	1074.0	1076.8	1068.4	1043.2	1012.3	975.9	928.2	863.7	807.6	754.3
72.5°	1365.7	1379.7	1390.9	1379.7	1343.2	1301.2	1247.9	1191.8	1127.3	1051.6	961.9
70°	1766.7	1780.7	1789.1	1752.7	1688.2	1618.1	1553.6	1489.1	1413.3	1320.8	1222.7
67.5°	2271.4	2257.4	2240.6	2167.7	2086.4	2002.2	1912.5	1817.2	1719.0	1620.9	1505.9
65°	2756.6	2717.3	2680.9	2593.9	2490.2	2380.8	2277.1	2170.5	2052.7	1929.3	1820.0
62.5°	3267.0	3182.8	3093.1	2986.5	2880.0	2759.4	2655.6	2529.4	2397.6	2246.2	2106.0
60°	3768.9	3668.0	3578.2	3446.4	3306.2	3143.6	3031.4	2908.0	2753.8	2591.1	2425.7
57.5°	4254.1	4144.7	4046.5	3931.6	3780.1	3603.5	3480.1	3320.2	3157.6	2952.9	2784.6
55°	4770.0	4660.7	4582.2	4453.2	4287.7	4125.1	3990.5	3822.2	3595.1	3376.3	3168.8
52.5°	5361.7	5274.8	5190.7	5058.9	4859.8	4694.3	4545.7	4357.8	4119.5	3850.2	3600.7
50°	6023.5	5978.7	5888.9	5734.7	5507.6	5361.7	5165.4	4915.9	4660.7	4377.4	4066.2
47.5°	6901.3	6828.4	6702.2	6533.9	6343.2	6124.5	5860.9	5569.3	5207.5	4893.4	4562.5
45°	7950.1	7815.5	7652.8	7425.7	7190.1	6943.3	6654.5	6284.3	5799.2	5389.8	5042.1
42.5°	9085.8	8903.5	8682.0	8384.7	8079.1	7776.2	7464.9	6960.2	6354.4	5883.3	5490.7
40°	10272.0	10039.2	9761.6	9329.8	8990.5	8600.7	8244.5	7490.2	6845.2	6334.8	5917.0
37.5°	11433.0	11138.5	10673.0	10148.6	9753.2	9433.5	8651.1	7843.5	7265.8	6705.0	6281.5
35°	12321.9	12072.3	11250.7	10706.7	10367.3	9862.6	8883.9	8056.6	7445.3	6979.8	6320.8
32.5°	12849.1	12204.1	11483.4	10933.8	10653.4	9826.1	8900.7	8118.3	7529.4	7007.8	6219.8
30°	12731.3	11951.7	11320.8	10860.9	10252.4	9509.2	8743.7	8023.0	7450.9	6820.0	6107.7
27.5°	12021.9	11418.9	10855.3	10375.8	9778.4	9111.0	8404.4	7770.6	7237.8	6626.5	5953.4
25°	11219.8	10673.0	10255.2	9837.3	9270.9	8634.3	8011.8	7554.7	7019.1	6416.1	5751.5
22.5°	10482.3	10089.7	9761.6	9324.2	8771.7	8216.5	7829.5	7355.6	6805.9	6194.6	5544.0
20°	10011.2	9744.8	9369.0	8886.7	8452.0	8104.3	7675.3	7173.3	6606.8	5967.5	5367.4
17.5°	9784.1	9475.6	9057.8	8743.7	8410.0	8028.6	7549.1	7016.3	6413.3	5863.7	5387.0
15°	9666.3	9341.0	9066.2	8757.7	8381.9	7980.9	7448.1	6895.7	6413.3	5905.8	5401.0
12.5°	9691.5	9411.1	9111.0	8774.5	8370.7	7941.7	7459.3	6946.1	6447.0	5936.6	5403.8
10°	9770.0	9475.6	9155.9	8782.9	8376.3	7952.9	7490.2	6977.0	6463.8	5950.6	5398.2
7.5°	9798.1	9478.4	9136.3	8760.5	8362.3	7947.3	7495.8	6985.4	6466.6	5947.8	5381.4
5°	9711.1	9422.3	9091.4	8712.8	8323.0	7919.2	7473.3	6974.2	6444.2	5919.8	5339.3
2.5°	9593.4	9360.6	9043.7	8679.2	8283.8	7880.0	7436.9	6923.7	6393.7	5869.3	5286.0
0°	9573.7	9284.9	8965.2	8639.9	8219.3	7793.0	7352.8	6828.4	6301.2	5774.0	5193.5
-2.5°	9444.7	9139.1	8819.4	8466.1	8095.9	7666.8	7204.1	6691.0	6169.4	5650.6	5092.5
-5°	9346.6	9007.3	8668.0	8286.6	7913.6	7484.6	7005.0	6505.9	5995.5	5490.7	4952.3
-7.5°	9214.8	8867.1	8510.9	8112.7	7708.9	7271.4	6797.5	6298.4	5796.4	5294.4	4778.5
-10°	8948.4	8642.7	8309.0	7896.8	7470.5	7033.1	6562.0	6071.2	5569.3	5061.7	4542.9
-12.5°	8625.9	8303.4	7938.9	7560.3	7178.9	6772.3	6301.2	5818.8	5314.1	4803.7	4287.7
-15°	8208.1	7891.2	7518.2	7148.1	6780.7	6390.9	5975.9	5541.2	5028.0	4526.1	4010.1
-17.5°	7686.5	7389.2	7055.5	6702.2	6337.6	5945.0	5541.2	5173.9	4694.3	4223.2	3712.8
-20°	7125.6	6848.0	6547.9	6214.2	5849.7	5465.5	5084.1	4699.9	4284.9	3869.9	3396.0



REPORT NUMBER: P722034
 CATALOG NUMBER: IFLD-M-SA4C-730-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	6542.3	6261.9	5959.0	5647.8	5311.3	4955.1	4601.8	4234.4	3869.9	3494.1	3093.1
-25°	5869.3	5622.5	5344.9	5042.1	4742.0	4430.7	4094.2	3760.5	3449.2	3123.9	2795.8
-27.5°	5165.4	4938.3	4685.9	4422.3	4164.3	3903.5	3611.9	3303.4	3045.4	2776.2	2504.2
-30°	4425.1	4242.8	4038.1	3808.2	3609.1	3398.8	3154.8	2899.6	2664.0	2459.3	2240.6
-32.5°	3724.1	3569.8	3424.0	3272.6	3076.3	2913.6	2745.4	2557.5	2350.0	2156.5	1999.4
-35°	3121.1	2955.7	2894.0	2781.8	2641.6	2498.6	2375.2	2240.6	2083.6	1912.5	1783.5
-37.5°	2613.6	2515.4	2428.5	2366.8	2274.3	2159.3	2061.1	1963.0	1842.4	1713.4	1584.4
-40°	2218.2	2150.9	2055.5	2024.7	1965.8	1887.3	1786.3	1710.6	1629.3	1531.1	1421.8
-42.5°	1901.3	1850.8	1789.1	1735.8	1710.6	1654.5	1576.0	1503.1	1438.6	1371.3	1287.2
-45°	1640.5	1606.8	1567.6	1519.9	1500.3	1455.4	1399.3	1318.0	1281.5	1225.5	1163.8
-47.5°	1430.2	1413.3	1385.3	1354.5	1326.4	1292.8	1242.3	1191.8	1141.3	1104.9	1057.2
-50°	1264.7	1253.5	1236.7	1211.4	1175.0	1152.6	1118.9	1074.0	1026.4	995.5	961.9
-52.5°	1132.9	1121.7	1110.5	1090.9	1062.8	1040.4	1012.3	975.9	936.6	905.8	877.7
-55°	1032.0	1015.1	1006.7	989.9	967.5	942.2	917.0	891.8	858.1	830.1	802.0
-57.5°	953.4	931.0	919.8	905.8	883.3	858.1	838.5	813.2	790.8	760.0	734.7
-60°	891.8	866.5	844.1	830.1	810.4	785.2	765.6	745.9	723.5	698.3	667.4
-62.5°	841.3	810.4	779.6	762.8	743.1	720.7	701.1	681.4	659.0	633.8	605.7
-65°	793.6	757.1	717.9	701.1	681.4	659.0	633.8	619.7	600.1	577.7	549.6
-67.5°	734.7	695.5	661.8	642.2	622.5	602.9	580.5	566.5	546.8	518.8	490.7
-70°	647.8	622.5	600.1	583.3	566.5	549.6	527.2	504.8	482.3	457.1	431.9
-72.5°	538.4	530.0	527.2	518.8	499.2	479.5	457.1	434.7	415.0	395.4	375.8
-75°	434.7	440.3	445.9	443.1	423.4	403.8	384.2	364.6	350.5	333.7	316.9
-77.5°	344.9	350.5	356.1	356.1	342.1	330.9	316.9	302.9	291.6	277.6	260.8
-80°	266.4	274.8	283.2	288.8	277.6	269.2	258.0	246.8	235.6	224.3	213.1
-82.5°	201.9	210.3	218.7	224.3	215.9	210.3	201.9	193.5	185.1	173.9	165.5
-85°	145.8	151.4	157.0	159.8	154.2	148.6	143.0	137.4	131.8	123.4	117.8
-87.5°	84.1	86.9	89.7	92.5	86.9	81.3	78.5	72.9	70.1	64.5	61.7
-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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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°	70.1	64.5	58.9	56.1	50.5	42.1	36.5	30.8	25.2	19.6	16.8
85°	148.6	134.6	117.8	109.4	98.1	86.9	75.7	64.5	53.3	42.1	30.8
82.5°	255.2	238.4	221.5	201.9	176.7	145.8	115.0	95.3	78.5	61.7	47.7
80°	384.2	353.3	325.3	300.1	272.0	232.8	190.7	151.4	106.6	81.3	61.7
77.5°	532.8	496.4	457.1	415.0	370.2	316.9	269.2	218.7	165.5	112.2	78.5
75°	701.1	653.4	600.1	541.2	482.3	412.2	344.9	286.0	224.3	157.0	95.3
72.5°	888.9	830.1	765.6	687.0	594.5	513.2	431.9	353.3	280.4	199.1	129.0
70°	1130.1	1037.6	942.2	858.1	740.3	611.3	516.0	426.2	333.7	244.0	162.6
67.5°	1388.1	1275.9	1161.0	1037.6	888.9	737.5	600.1	499.2	389.8	286.0	193.5
65°	1668.5	1528.3	1382.5	1245.1	1040.4	860.9	706.7	569.3	443.1	325.3	224.3
62.5°	1957.4	1791.9	1623.7	1444.2	1208.6	987.1	807.6	647.8	493.5	361.7	252.4
60°	2265.8	2072.3	1867.6	1643.3	1368.5	1124.5	903.0	729.1	546.8	398.2	283.2
57.5°	2591.1	2380.8	2139.6	1836.8	1533.9	1256.3	1012.3	802.0	594.5	431.9	305.7
55°	2944.5	2703.3	2439.7	2038.7	1696.6	1388.1	1121.7	874.9	645.0	459.9	328.1
52.5°	3325.9	3045.4	2711.7	2251.8	1867.6	1522.7	1222.7	939.4	692.7	490.7	347.7
50°	3752.1	3398.8	2950.1	2448.1	2016.3	1648.9	1323.6	1009.5	731.9	524.4	364.6
47.5°	4195.2	3813.8	3163.2	2630.4	2167.7	1772.3	1427.4	1071.2	771.2	552.4	381.4
45°	4657.9	4102.6	3384.7	2793.0	2299.5	1884.5	1505.9	1127.3	818.8	577.7	395.4
42.5°	5115.0	4321.4	3578.2	2955.7	2422.9	1985.4	1570.4	1180.6	858.1	602.9	409.4
40°	5330.9	4486.8	3732.5	3067.9	2526.6	2075.2	1626.5	1228.3	891.8	619.7	423.4
37.5°	5420.6	4587.8	3833.4	3174.4	2608.0	2122.8	1674.1	1270.3	919.8	636.6	434.7
35°	5440.3	4624.2	3883.9	3247.3	2675.3	2167.7	1710.6	1301.2	942.2	653.4	445.9
32.5°	5403.8	4613.0	3897.9	3272.6	2717.3	2201.3	1735.8	1323.6	959.1	670.2	457.1
30°	5322.5	4554.1	3847.4	3269.8	2748.2	2221.0	1752.7	1340.4	975.9	681.4	462.7
27.5°	5190.7	4450.4	3782.9	3272.6	2765.0	2229.4	1761.1	1348.8	987.1	689.8	473.9
25°	5028.0	4310.1	3785.7	3267.0	2767.8	2232.2	1761.1	1348.8	989.9	692.7	482.3
22.5°	4840.1	4310.1	3785.7	3258.5	2751.0	2226.6	1752.7	1343.2	989.9	698.3	490.7
20°	4851.4	4312.9	3777.3	3241.7	2725.7	2209.8	1733.0	1329.2	981.5	706.7	496.4
17.5°	4859.8	4307.3	3760.5	3219.3	2692.1	2181.7	1707.8	1309.6	981.5	715.1	499.2
15°	4859.8	4290.5	3735.3	3185.6	2650.0	2142.5	1671.3	1292.8	984.3	717.9	504.8
12.5°	4851.4	4259.7	3696.0	3140.8	2599.5	2094.8	1648.9	1287.2	984.3	720.7	504.8
10°	4834.5	4217.6	3645.5	3084.7	2551.9	2078.0	1637.7	1275.9	978.7	720.7	504.8
7.5°	4803.7	4167.1	3603.5	3051.0	2523.8	2058.3	1620.9	1259.1	970.3	715.1	510.4
5°	4756.0	4139.1	3569.8	3011.8	2484.6	2044.3	1609.6	1245.1	964.7	715.1	504.8
2.5°	4694.3	4105.4	3530.6	2961.3	2439.7	1996.6	1573.2	1214.2	945.0	703.9	499.2
0°	4593.4	4038.1	3463.3	2891.2	2378.0	1949.0	1536.7	1183.4	925.4	692.7	493.5
-2.5°	4500.8	3948.4	3376.3	2818.3	2319.1	1906.9	1508.7	1166.6	917.0	689.8	490.7
-5°	4371.8	3825.0	3261.4	2722.9	2240.6	1864.8	1480.6	1146.9	908.6	684.2	490.7
-7.5°	4228.8	3696.0	3140.8	2624.8	2162.1	1791.9	1427.4	1116.1	888.9	673.0	487.9
-10°	4007.3	3502.5	2989.3	2512.6	2078.0	1727.4	1382.5	1088.1	872.1	661.8	476.7
-12.5°	3771.7	3289.4	2815.5	2375.2	1982.6	1660.1	1332.0	1057.2	852.5	650.6	471.1
-15°	3522.1	3070.7	2633.2	2232.2	1878.9	1578.8	1278.7	1023.6	832.9	636.6	462.7
-17.5°	3261.4	2840.7	2445.3	2086.4	1775.1	1494.7	1222.7	992.7	810.4	622.5	454.3
-20°	2986.5	2605.2	2254.6	1937.7	1665.7	1410.5	1163.8	956.3	785.2	605.7	443.1



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CATALOG NUMBER: IFLD-M-SA4C-730-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2714.5	2372.4	2058.3	1791.9	1553.6	1323.6	1104.9	919.8	757.1	586.1	434.7
-25°	2473.4	2153.7	1884.5	1651.7	1444.2	1239.5	1043.2	883.3	726.3	566.5	423.4
-27.5°	2237.8	1965.8	1713.4	1519.9	1337.6	1158.2	984.3	844.1	695.5	544.0	412.2
-30°	2019.1	1786.3	1578.8	1390.9	1236.7	1085.2	933.8	804.8	661.8	521.6	398.2
-32.5°	1820.0	1632.1	1458.2	1278.7	1141.3	1012.3	886.1	765.6	628.2	499.2	384.2
-35°	1634.9	1489.1	1337.6	1186.2	1046.0	945.0	835.7	723.5	597.3	473.9	370.2
-37.5°	1469.4	1351.7	1231.1	1102.1	981.5	880.5	788.0	681.4	566.5	451.5	356.1
-40°	1326.4	1231.1	1124.5	1020.7	919.8	824.5	740.3	639.4	535.6	434.7	342.1
-42.5°	1194.6	1121.7	1034.8	947.8	858.1	774.0	692.7	594.5	504.8	415.0	328.1
-45°	1093.7	1020.7	950.6	872.1	796.4	723.5	642.2	555.2	476.7	392.6	314.1
-47.5°	998.3	933.8	869.3	804.8	743.1	675.8	594.5	521.6	445.9	373.0	302.9
-50°	914.2	852.5	796.4	740.3	687.0	622.5	546.8	487.9	420.6	353.3	288.8
-52.5°	835.7	782.4	726.3	681.4	636.6	572.1	510.4	454.3	395.4	330.9	274.8
-55°	765.6	715.1	664.6	622.5	580.5	524.4	473.9	426.2	370.2	314.1	260.8
-57.5°	698.3	656.2	608.5	569.3	527.2	482.3	440.3	395.4	344.9	297.3	246.8
-60°	636.6	597.3	555.2	516.0	479.5	443.1	403.8	367.4	322.5	277.6	232.8
-62.5°	574.9	541.2	504.8	465.5	437.5	403.8	373.0	336.5	300.1	260.8	207.5
-65°	518.8	487.9	454.3	420.6	395.4	370.2	342.1	308.5	277.6	241.2	185.1
-67.5°	462.7	434.7	406.6	378.6	356.1	336.5	308.5	283.2	258.0	218.7	162.6
-70°	409.4	387.0	361.7	339.3	322.5	300.1	280.4	258.0	235.6	190.7	137.4
-72.5°	358.9	336.5	316.9	300.1	286.0	266.4	249.6	232.8	201.9	159.8	115.0
-75°	300.1	286.0	274.8	260.8	246.8	232.8	218.7	199.1	168.3	129.0	89.7
-77.5°	246.8	238.4	229.9	218.7	207.5	196.3	179.5	159.8	134.6	101.0	72.9
-80°	201.9	193.5	187.9	176.7	168.3	157.0	140.2	123.4	98.1	78.5	58.9
-82.5°	154.2	148.6	143.0	137.4	129.0	117.8	101.0	86.9	72.9	58.9	44.9
-85°	109.4	106.6	101.0	95.3	86.9	78.5	67.3	58.9	50.5	39.3	30.8
-87.5°	56.1	53.3	50.5	47.7	44.9	39.3	33.7	28.0	25.2	19.6	14.0
-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°	11.2	8.4	2.8	0.0
85°	22.4	14.0	5.6	0.0
82.5°	33.7	22.4	8.4	0.0
80°	44.9	28.0	14.0	0.0
77.5°	56.1	33.7	16.8	0.0
75°	67.3	42.1	19.6	0.0
72.5°	75.7	47.7	22.4	0.0
70°	89.7	56.1	25.2	0.0
67.5°	112.2	61.7	28.0	0.0
65°	131.8	67.3	30.8	0.0
62.5°	154.2	72.9	33.7	0.0
60°	173.9	78.5	36.5	0.0
57.5°	193.5	92.5	39.3	0.0
55°	210.3	103.8	42.1	0.0
52.5°	229.9	115.0	44.9	0.0
50°	246.8	126.2	47.7	0.0
47.5°	260.8	137.4	47.7	0.0
45°	272.0	145.8	50.5	0.0
42.5°	280.4	154.2	53.3	0.0
40°	288.8	162.6	56.1	0.0
37.5°	297.3	171.1	56.1	0.0
35°	305.7	179.5	58.9	0.0
32.5°	314.1	187.9	58.9	0.0
30°	319.7	193.5	61.7	0.0
27.5°	328.1	199.1	61.7	0.0
25°	330.9	204.7	64.5	0.0
22.5°	336.5	207.5	64.5	0.0
20°	342.1	213.1	64.5	0.0
17.5°	344.9	215.9	67.3	0.0
15°	344.9	218.7	70.1	0.0
12.5°	347.7	221.5	70.1	0.0
10°	347.7	227.1	67.3	0.0
7.5°	353.3	224.3	67.3	0.0
5°	350.5	224.3	67.3	0.0
2.5°	347.7	221.5	67.3	0.0
0°	344.9	221.5	67.3	0.0
-2.5°	344.9	221.5	67.3	0.0
-5°	344.9	221.5	67.3	0.0
-7.5°	342.1	224.3	67.3	0.0
-10°	336.5	224.3	67.3	0.0
-12.5°	333.7	215.9	67.3	0.0
-15°	330.9	213.1	67.3	0.0
-17.5°	325.3	210.3	64.5	0.0
-20°	319.7	207.5	64.5	0.0



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 CATALOG NUMBER: IFLD-M-SA4C-730-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	314.1	201.9	64.5	0.0
-25°	308.5	196.3	61.7	0.0
-27.5°	302.9	190.7	61.7	0.0
-30°	294.4	185.1	58.9	0.0
-32.5°	286.0	179.5	58.9	0.0
-35°	280.4	171.1	56.1	0.0
-37.5°	272.0	162.6	56.1	0.0
-40°	263.6	154.2	53.3	0.0
-42.5°	255.2	145.8	50.5	0.0
-45°	244.0	137.4	50.5	0.0
-47.5°	235.6	129.0	47.7	0.0
-50°	221.5	117.8	44.9	0.0
-52.5°	204.7	106.6	42.1	0.0
-55°	187.9	98.1	39.3	0.0
-57.5°	171.1	86.9	39.3	0.0
-60°	154.2	75.7	36.5	0.0
-62.5°	137.4	70.1	33.7	0.0
-65°	120.6	64.5	30.8	0.0
-67.5°	101.0	56.1	28.0	0.0
-70°	84.1	50.5	25.2	0.0
-72.5°	72.9	44.9	22.4	0.0
-75°	61.7	39.3	19.6	0.0
-77.5°	53.3	33.7	16.8	0.0
-80°	42.1	25.2	11.2	0.0
-82.5°	30.8	19.6	8.4	0.0
-85°	19.6	14.0	5.6	0.0
-87.5°	11.2	5.6	2.8	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)