

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: P722296

Luminaire Tested: **IFLD-M-SA4D-935-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722296
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4D-935-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (64) 3500K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

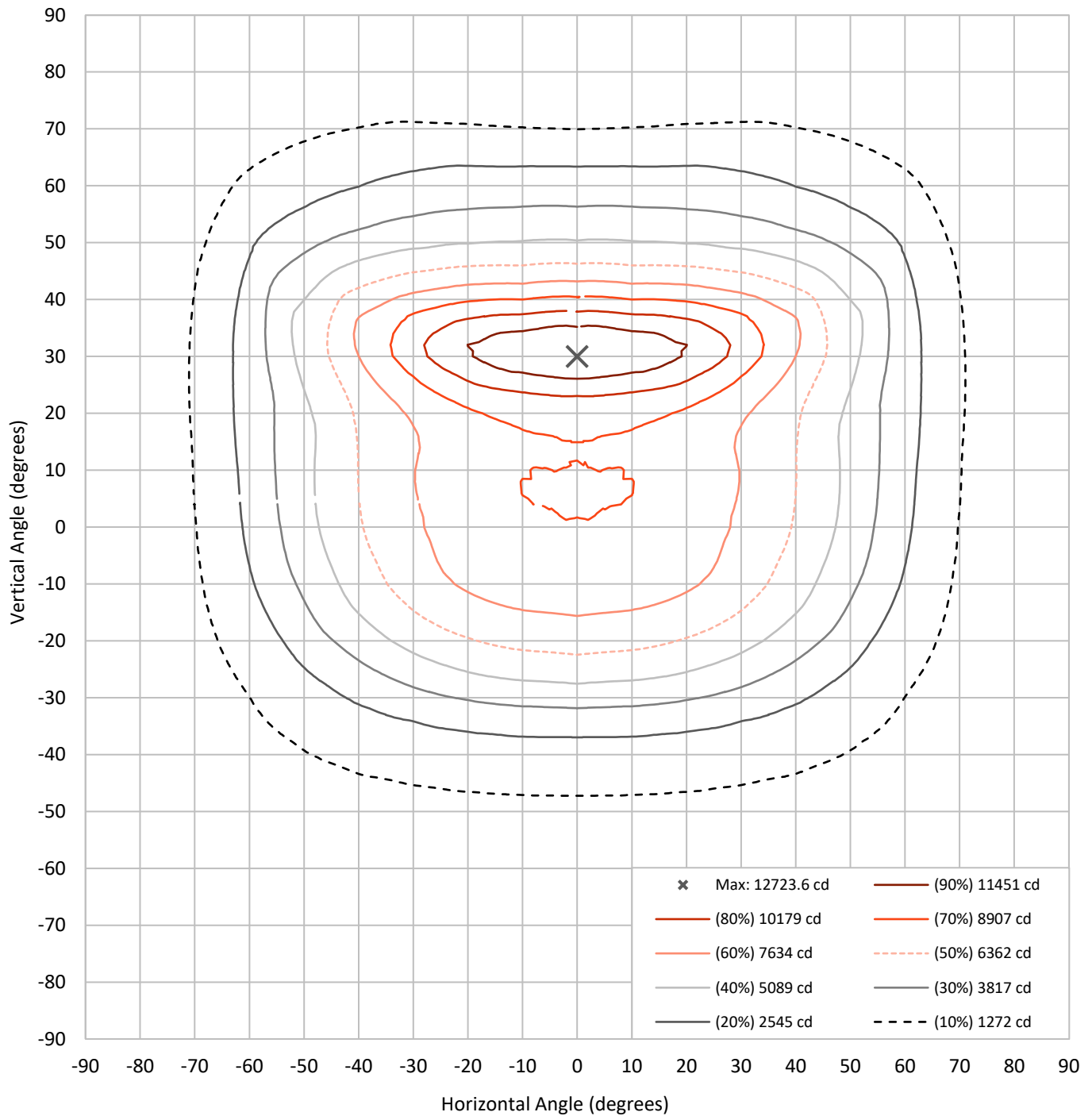
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	21238.8 lumens	Max Intensity:	12723.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	85.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	12350.7 lumens	Field Lumens:	19903.6 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 249.7
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



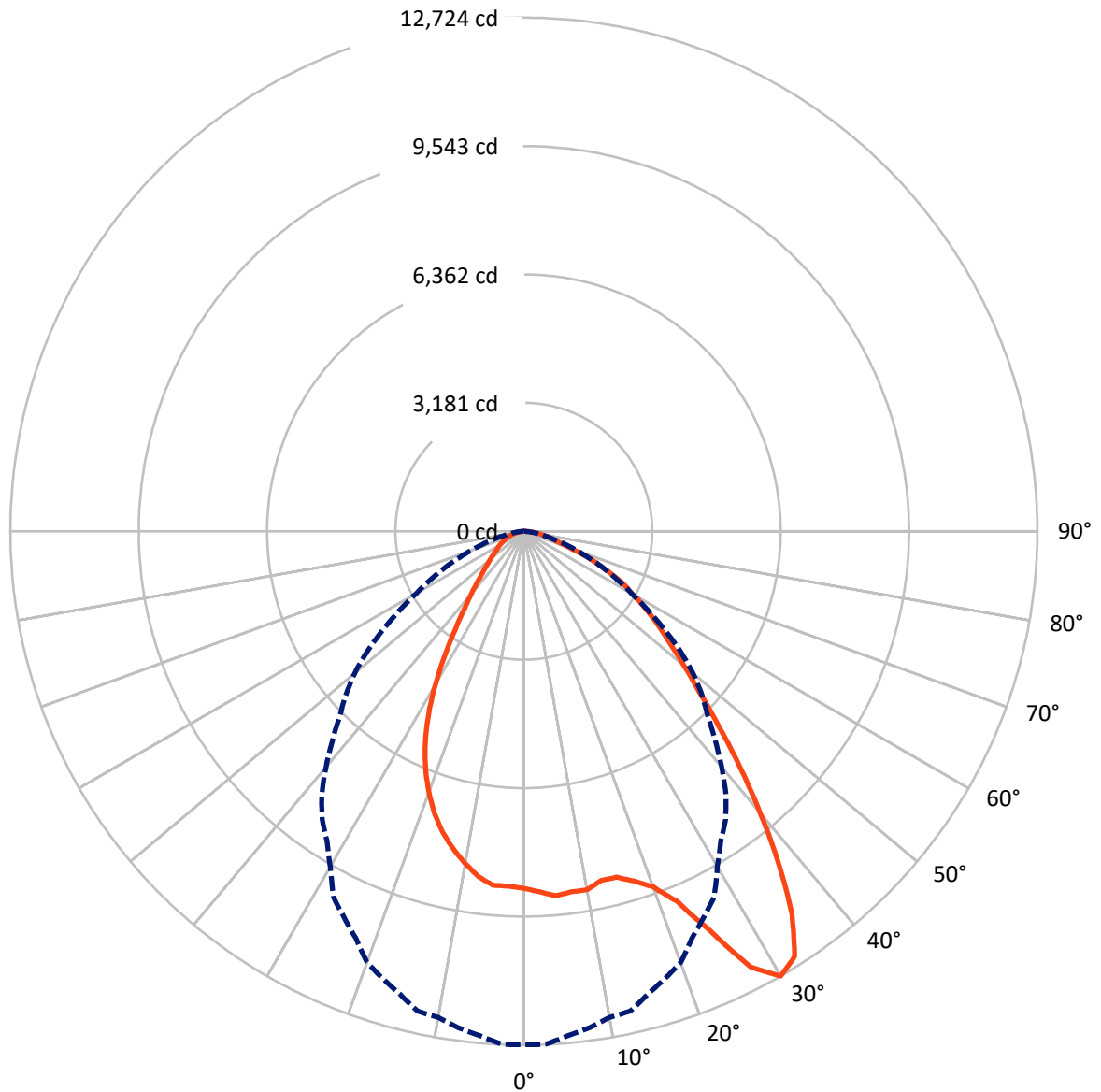
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Iso-Candela Plot



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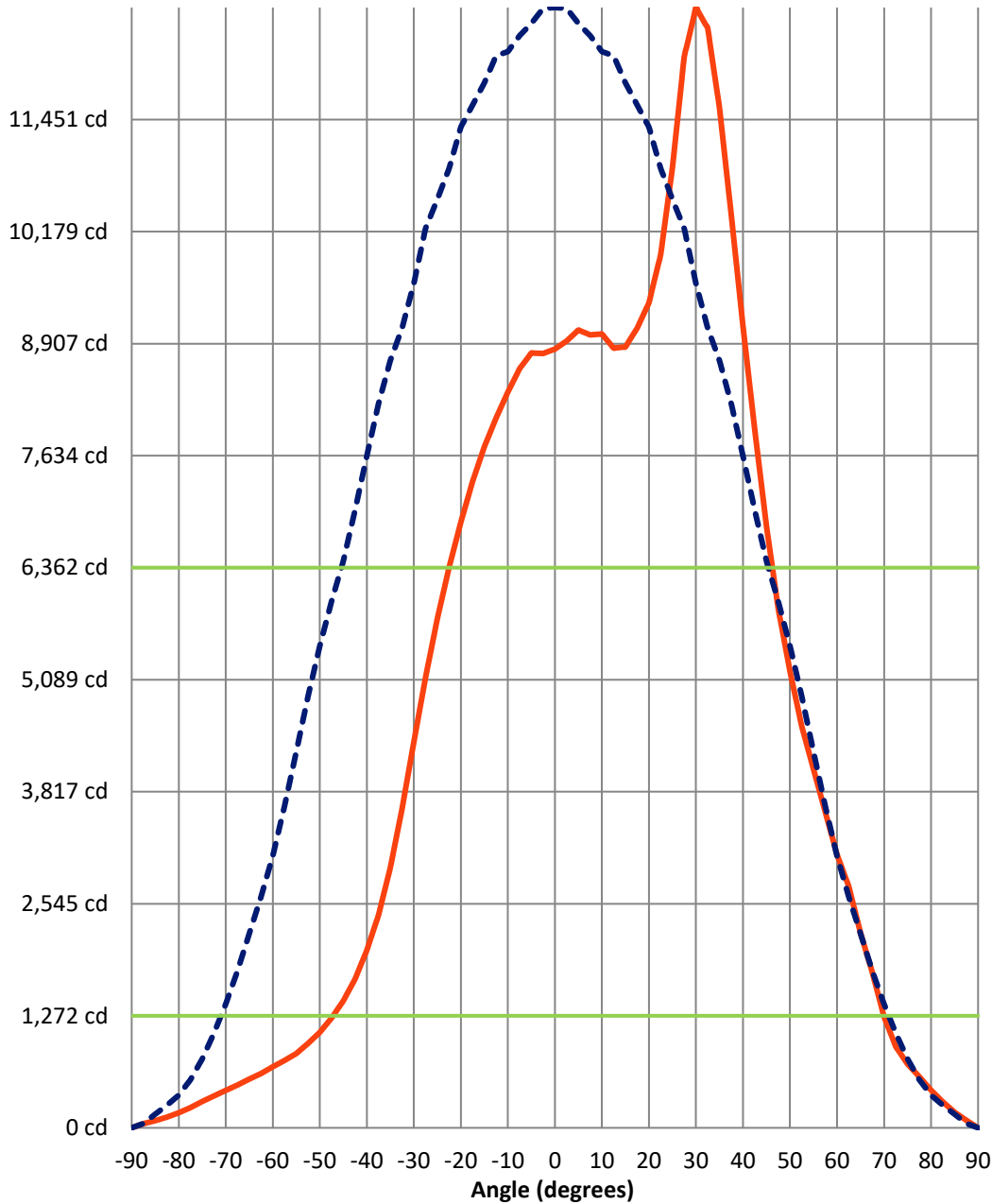
Luminous Intensity Polar Plot



— 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: 12350.7
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 19903.6
 Efficiency: 93.7%

Spill:
 Lumens: 1335.3
 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°	85.5	87.7	90.0	90.0	87.7	87.7	87.7	85.5	87.7	87.7	87.7
85°	177.7	182.2	186.7	184.5	182.2	177.7	173.2	175.5	177.7	180.0	180.0
82.5°	294.7	301.5	306.0	303.7	299.2	294.7	290.2	292.5	297.0	299.2	299.2
80°	427.5	429.7	432.0	436.5	429.7	429.7	427.5	436.5	441.0	445.5	450.0
77.5°	580.5	582.7	582.7	585.0	587.2	589.5	589.5	605.2	616.5	623.2	630.0
75°	724.5	731.2	738.0	744.7	753.7	758.2	765.0	787.5	805.5	819.0	832.5
72.5°	922.5	931.5	942.7	958.5	974.2	985.5	1001.2	1028.2	1048.5	1062.0	1077.7
70°	1262.2	1271.2	1282.5	1293.7	1309.5	1320.7	1336.5	1370.2	1390.5	1399.5	1408.5
67.5°	1766.2	1788.7	1809.0	1786.5	1775.2	1759.5	1764.0	1795.5	1815.7	1829.2	1827.0
65°	2214.0	2229.7	2229.7	2227.5	2218.5	2198.2	2209.5	2247.7	2270.2	2281.5	2247.7
62.5°	2740.5	2740.5	2729.2	2747.2	2749.5	2736.0	2729.2	2731.5	2733.7	2740.5	2684.2
60°	3105.0	3127.5	3134.2	3150.0	3154.5	3154.5	3165.7	3174.7	3174.7	3161.2	3096.0
57.5°	3586.5	3629.2	3638.2	3627.0	3604.5	3575.2	3570.7	3557.2	3530.2	3503.2	3471.7
55°	4072.4	4094.9	4092.7	4085.9	4063.4	4029.7	4034.2	4016.2	3973.5	3939.7	3897.0
52.5°	4560.7	4614.7	4623.7	4610.2	4578.7	4542.7	4544.9	4524.7	4481.9	4445.9	4387.4
50°	5183.9	5228.9	5224.4	5201.9	5156.9	5129.9	5132.2	5093.9	5044.4	5033.2	4956.7
47.5°	5897.2	5948.9	5939.9	5908.4	5847.7	5836.4	5847.7	5798.2	5768.9	5744.2	5654.2
45°	6833.2	6893.9	6860.2	6799.4	6702.7	6713.9	6729.7	6720.7	6657.7	6592.4	6477.7
42.5°	7931.2	7969.4	7928.9	7868.2	7746.7	7769.2	7760.2	7706.2	7667.9	7559.9	7413.7
40°	9105.6	9188.9	9125.9	9031.4	8905.4	8939.1	8914.4	8844.6	8754.6	8619.6	8435.1
37.5°	10372.4	10437.6	10365.6	10255.4	10142.9	10131.6	10082.1	9974.1	9845.9	9697.4	9402.6
35°	11585.1	11753.9	11621.1	11445.6	11308.4	11256.6	11209.4	10959.6	10813.4	10572.6	10169.9
32.5°	12487.3	12611.1	12446.8	12264.6	12098.1	12026.1	11859.6	11562.6	11483.9	10977.6	10608.6
30°	12723.6	12714.6	12543.6	12404.1	12224.1	12174.6	11868.6	11616.6	11364.6	10896.6	10545.6
27.5°	12161.1	12104.9	11940.6	11819.1	11641.4	11582.9	11281.4	11146.4	10757.1	10361.1	10064.1
25°	10907.9	10937.1	10813.4	10752.6	10635.6	10509.6	10390.4	10208.1	9965.1	9618.6	9346.4
22.5°	9920.1	9958.4	9906.6	9834.6	9744.6	9674.9	9584.9	9443.1	9209.1	8995.4	8738.9
20°	9371.1	9359.9	9314.9	9260.9	9175.4	9125.9	9026.9	8907.6	8727.6	8543.1	8266.4
17.5°	9083.1	9013.4	8970.6	8950.4	8905.4	8842.4	8725.4	8603.9	8464.4	8255.1	8052.7
15°	8869.4	8880.6	8846.9	8831.1	8795.1	8707.4	8588.1	8489.1	8300.1	8194.4	8009.9
12.5°	8855.9	8844.6	8846.9	8840.1	8795.1	8682.6	8621.9	8495.9	8374.4	8234.9	8023.4
10°	9015.6	8896.4	8905.4	8936.9	8864.9	8774.9	8709.6	8572.4	8457.6	8279.9	8070.7
7.5°	9006.6	8945.9	8963.9	8912.1	8934.6	8824.4	8734.4	8597.1	8453.1	8264.1	8075.2
5°	9060.6	8968.4	8952.6	8957.1	8900.9	8817.6	8696.1	8565.6	8430.6	8219.1	8025.7
2.5°	8936.9	8950.4	8878.4	8851.4	8844.6	8705.1	8592.6	8466.6	8327.1	8140.4	7967.2
0°	8844.6	8869.4	8795.1	8756.9	8754.6	8635.4	8563.4	8419.4	8320.4	8165.1	7955.9
-2.5°	8795.1	8824.4	8833.4	8763.6	8696.1	8603.9	8482.4	8327.1	8165.1	7985.2	7805.2
-5°	8799.6	8741.1	8716.4	8738.9	8680.4	8588.1	8453.1	8315.9	8156.1	7962.7	7737.7
-7.5°	8621.9	8563.4	8558.9	8547.6	8534.1	8446.4	8333.9	8185.4	8023.4	7843.4	7634.2
-10°	8356.4	8313.6	8302.4	8291.1	8255.1	8203.4	8097.6	7962.7	7816.4	7636.4	7413.7
-12.5°	8061.7	8041.4	7998.7	7969.4	7933.4	7872.7	7771.4	7647.7	7501.4	7341.7	7150.4
-15°	7735.4	7697.2	7654.4	7629.7	7577.9	7505.9	7404.7	7289.9	7130.2	6972.7	6792.7
-17.5°	7341.7	7294.4	7247.2	7240.4	7204.4	7094.2	6999.7	6860.2	6720.7	6569.9	6394.4
-20°	6878.2	6812.9	6781.4	6763.4	6713.9	6632.9	6531.7	6403.4	6268.4	6124.4	5921.9



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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°	6365.2	6308.9	6254.9	6221.2	6178.4	6115.4	6018.7	5906.2	5773.4	5611.4	5424.7
-25°	5782.4	5703.7	5669.9	5631.7	5609.2	5550.7	5456.2	5352.7	5215.4	5057.9	4880.2
-27.5°	5116.4	5053.4	5035.4	4981.4	4954.4	4893.7	4814.9	4718.2	4592.2	4443.7	4297.4
-30°	4380.7	4342.4	4313.2	4259.2	4238.9	4173.7	4121.9	4041.0	3926.2	3820.5	3703.5
-32.5°	3624.7	3586.5	3577.5	3552.7	3539.2	3496.5	3438.0	3379.5	3287.2	3208.5	3114.0
-35°	2954.2	2927.2	2929.5	2927.2	2913.7	2882.2	2810.2	2794.5	2727.0	2655.0	2594.2
-37.5°	2418.7	2421.0	2418.7	2416.5	2398.5	2385.0	2333.2	2313.0	2272.5	2202.7	2166.7
-40°	2016.0	2020.5	2018.2	2013.7	1993.5	1986.7	1953.0	1926.0	1910.2	1860.7	1822.5
-42.5°	1689.7	1696.5	1694.2	1692.0	1678.5	1676.2	1658.2	1626.7	1617.7	1588.5	1548.0
-45°	1442.2	1440.0	1435.5	1440.0	1433.2	1426.5	1415.2	1395.0	1383.7	1370.2	1336.5
-47.5°	1246.5	1248.7	1244.2	1244.2	1235.2	1228.5	1224.0	1210.5	1201.5	1190.2	1170.0
-50°	1084.5	1093.5	1091.2	1089.0	1082.2	1077.7	1077.7	1064.2	1050.7	1046.2	1032.7
-52.5°	958.5	965.2	967.5	972.0	974.2	976.5	969.7	956.2	933.7	931.5	924.7
-55°	843.7	864.0	877.5	886.5	895.5	902.2	888.7	870.7	848.2	839.2	837.0
-57.5°	765.0	785.2	801.0	814.5	825.7	837.0	823.5	805.5	785.2	774.0	771.7
-60°	693.0	711.0	726.7	744.7	760.5	778.5	771.7	758.2	747.0	738.0	729.0
-62.5°	616.5	634.5	652.5	675.0	695.2	713.2	715.5	713.2	711.0	713.2	697.5
-65°	553.5	562.5	573.7	598.5	621.0	641.2	652.5	659.2	670.5	681.7	666.0
-67.5°	486.0	497.2	510.7	528.7	546.7	560.2	576.0	594.0	612.0	630.0	618.7
-70°	425.2	434.2	445.5	454.5	465.7	474.7	488.2	508.5	528.7	546.7	542.2
-72.5°	362.2	371.2	378.0	382.5	389.2	393.7	400.5	418.5	432.0	441.0	441.0
-75°	299.2	308.2	315.0	317.2	321.7	324.0	328.5	335.2	342.0	344.2	346.5
-77.5°	229.5	238.5	245.2	249.7	254.2	258.7	261.0	265.5	267.7	267.7	270.0
-80°	171.0	177.7	182.2	189.0	191.2	195.7	200.2	202.5	204.7	204.7	207.0
-82.5°	121.5	126.0	130.5	135.0	139.5	141.7	146.2	148.5	150.7	153.0	155.2
-85°	81.0	85.5	90.0	94.5	96.7	99.0	101.2	103.5	105.7	108.0	110.2
-87.5°	47.2	49.5	51.7	56.2	58.5	63.0	65.2	63.0	65.2	65.2	65.2
-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°	87.7	87.7	87.7	87.7	85.5	81.0	78.7	74.2	69.7	65.2	60.7
85°	182.2	184.5	184.5	184.5	180.0	177.7	171.0	164.2	155.2	141.7	130.5
82.5°	303.7	306.0	306.0	303.7	299.2	292.5	283.5	272.2	254.2	236.2	220.5
80°	456.7	459.0	459.0	456.7	445.5	434.2	423.0	409.5	387.0	362.2	335.2
77.5°	639.0	643.5	643.5	636.7	621.0	607.5	589.5	567.0	533.2	497.2	461.2
75°	850.5	861.7	864.0	857.2	837.0	812.2	783.0	744.7	693.0	648.0	605.2
72.5°	1095.7	1107.0	1116.0	1107.0	1077.7	1044.0	1001.2	956.2	904.5	843.7	771.7
70°	1417.5	1428.7	1435.5	1406.2	1354.5	1298.2	1246.5	1194.7	1134.0	1059.7	981.0
67.5°	1822.5	1811.2	1797.7	1739.2	1674.0	1606.5	1534.5	1458.0	1379.2	1300.5	1208.2
65°	2211.7	2180.2	2151.0	2081.2	1998.0	1910.2	1827.0	1741.5	1647.0	1548.0	1460.2
62.5°	2621.2	2553.7	2481.7	2396.2	2310.7	2214.0	2130.7	2029.5	1923.7	1802.2	1689.7
60°	3024.0	2943.0	2871.0	2765.2	2652.7	2522.2	2432.2	2333.2	2209.5	2079.0	1946.2
57.5°	3413.2	3325.5	3246.7	3154.5	3033.0	2891.2	2792.2	2664.0	2533.5	2369.2	2234.2
55°	3827.2	3739.5	3676.5	3573.0	3440.2	3309.7	3201.7	3066.7	2884.5	2709.0	2542.5
52.5°	4301.9	4232.2	4164.7	4058.9	3899.2	3766.5	3647.2	3496.5	3305.2	3089.2	2889.0
50°	4832.9	4796.9	4724.9	4601.2	4418.9	4301.9	4144.4	3944.2	3739.5	3512.2	3262.5
47.5°	5537.2	5478.7	5377.4	5242.4	5089.4	4913.9	4702.4	4468.4	4178.2	3926.2	3660.7
45°	6378.7	6270.7	6140.2	5957.9	5768.9	5570.9	5339.2	5042.2	4652.9	4324.4	4045.4
42.5°	7289.9	7143.7	6965.9	6727.4	6482.2	6239.2	5989.4	5584.4	5098.4	4720.4	4405.4
40°	8241.6	8054.9	7832.2	7485.7	7213.4	6900.7	6614.9	6009.7	5492.2	5082.7	4747.4
37.5°	9173.1	8936.9	8563.4	8142.6	7825.4	7568.9	6941.2	6293.2	5829.7	5379.7	5039.9
35°	9886.4	9686.1	9026.9	8590.4	8318.1	7913.2	7127.9	6464.2	5973.7	5600.2	5071.4
32.5°	10309.4	9791.9	9213.6	8772.6	8547.6	7883.9	7141.4	6513.7	6041.2	5622.7	4990.4
30°	10214.9	9589.4	9083.1	8714.1	8225.9	7629.7	7015.4	6437.2	5978.2	5471.9	4900.4
27.5°	9645.6	9161.9	8709.6	8324.9	7845.7	7310.2	6743.2	6234.7	5807.2	5316.7	4776.7
25°	9002.1	8563.4	8228.1	7892.9	7438.4	6927.7	6428.2	6061.4	5631.7	5147.9	4614.7
22.5°	8410.4	8095.4	7832.2	7481.2	7037.9	6592.4	6281.9	5901.7	5460.7	4970.2	4448.2
20°	8032.4	7818.7	7517.2	7130.2	6781.4	6502.4	6158.2	5755.4	5300.9	4787.9	4306.4
17.5°	7850.2	7602.7	7267.4	7015.4	6747.7	6441.7	6056.9	5629.4	5145.7	4704.7	4322.2
15°	7755.7	7494.7	7274.2	7026.7	6725.2	6403.4	5975.9	5532.7	5145.7	4738.4	4333.4
12.5°	7775.9	7550.9	7310.2	7040.2	6716.2	6371.9	5984.9	5573.2	5172.7	4763.2	4335.7
10°	7838.9	7602.7	7346.2	7046.9	6720.7	6380.9	6009.7	5597.9	5186.2	4774.4	4331.2
7.5°	7861.4	7604.9	7330.4	7028.9	6709.4	6376.4	6014.2	5604.7	5188.4	4772.2	4317.7
5°	7791.7	7559.9	7294.4	6990.7	6677.9	6353.9	5996.2	5595.7	5170.4	4749.7	4283.9
2.5°	7697.2	7510.4	7256.2	6963.7	6646.4	6322.4	5966.9	5555.2	5129.9	4709.2	4241.2
0°	7681.4	7449.7	7193.2	6932.2	6594.7	6252.7	5899.4	5478.7	5055.7	4632.7	4166.9
-2.5°	7577.9	7332.7	7076.2	6792.7	6495.7	6151.4	5780.2	5368.4	4949.9	4533.7	4085.9
-5°	7499.2	7226.9	6954.7	6648.7	6349.4	6005.2	5620.4	5219.9	4810.4	4405.4	3973.5
-7.5°	7393.4	7114.4	6828.7	6509.2	6185.2	5834.2	5453.9	5053.4	4650.7	4247.9	3834.0
-10°	7179.7	6934.4	6666.7	6335.9	5993.9	5642.9	5264.9	4871.2	4468.4	4061.2	3645.0
-12.5°	6920.9	6662.2	6369.7	6065.9	5759.9	5433.7	5055.7	4668.7	4263.7	3854.2	3440.2
-15°	6585.7	6331.4	6032.2	5735.2	5440.4	5127.7	4794.7	4445.9	4034.2	3631.5	3217.5
-17.5°	6167.2	5928.7	5660.9	5377.4	5084.9	4769.9	4445.9	4151.2	3766.5	3388.5	2979.0
-20°	5717.2	5494.4	5253.7	4985.9	4693.4	4385.2	4079.2	3771.0	3438.0	3105.0	2724.7



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 CATALOG NUMBER: IFLD-M-SA4D-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°	5249.2	5024.2	4781.2	4531.4	4261.4	3975.7	3692.2	3397.5	3105.0	2803.5	2481.7
-25°	4709.2	4511.2	4288.4	4045.4	3804.7	3555.0	3285.0	3017.2	2767.5	2506.5	2243.2
-27.5°	4144.4	3962.2	3759.7	3548.2	3341.2	3132.0	2898.0	2650.5	2443.5	2227.5	2009.2
-30°	3550.5	3404.2	3240.0	3055.5	2895.7	2727.0	2531.2	2326.5	2137.5	1973.2	1797.7
-32.5°	2988.0	2864.2	2747.2	2625.7	2468.2	2337.7	2202.7	2052.0	1885.5	1730.2	1604.2
-35°	2504.2	2371.5	2322.0	2232.0	2119.5	2004.7	1905.7	1797.7	1671.7	1534.5	1431.0
-37.5°	2097.0	2018.2	1948.5	1899.0	1824.7	1732.5	1653.7	1575.0	1478.2	1374.7	1271.2
-40°	1779.7	1725.7	1649.2	1624.5	1577.2	1514.2	1433.2	1372.5	1307.2	1228.5	1140.7
-42.5°	1525.5	1485.0	1435.5	1392.7	1372.5	1327.5	1264.5	1206.0	1154.2	1100.2	1032.7
-45°	1316.2	1289.2	1257.7	1219.5	1203.7	1167.7	1122.7	1057.5	1028.2	983.2	933.7
-47.5°	1147.5	1134.0	1111.5	1086.7	1064.2	1037.2	996.7	956.2	915.7	886.5	848.2
-50°	1014.7	1005.7	992.2	972.0	942.7	924.7	897.7	861.7	823.5	798.7	771.7
-52.5°	909.0	900.0	891.0	875.2	852.7	834.7	812.2	783.0	751.5	726.7	704.2
-55°	828.0	814.5	807.7	794.2	776.2	756.0	735.7	715.5	688.5	666.0	643.5
-57.5°	765.0	747.0	738.0	726.7	708.7	688.5	672.7	652.5	634.5	609.7	589.5
-60°	715.5	695.2	677.2	666.0	650.2	630.0	614.2	598.5	580.5	560.2	535.5
-62.5°	675.0	650.2	625.5	612.0	596.2	578.2	562.5	546.7	528.7	508.5	486.0
-65°	636.7	607.5	576.0	562.5	546.7	528.7	508.5	497.2	481.5	463.5	441.0
-67.5°	589.5	558.0	531.0	515.2	499.5	483.7	465.7	454.5	438.7	416.2	393.7
-70°	519.7	499.5	481.5	468.0	454.5	441.0	423.0	405.0	387.0	366.7	346.5
-72.5°	432.0	425.2	423.0	416.2	400.5	384.7	366.7	348.7	333.0	317.2	301.5
-75°	348.7	353.2	357.7	355.5	339.7	324.0	308.2	292.5	281.2	267.7	254.2
-77.5°	276.7	281.2	285.7	285.7	274.5	265.5	254.2	243.0	234.0	222.7	209.2
-80°	213.7	220.5	227.2	231.7	222.7	216.0	207.0	198.0	189.0	180.0	171.0
-82.5°	162.0	168.7	175.5	180.0	173.2	168.7	162.0	155.2	148.5	139.5	132.7
-85°	117.0	121.5	126.0	128.2	123.7	119.2	114.7	110.2	105.7	99.0	94.5
-87.5°	67.5	69.7	72.0	74.2	69.7	65.2	63.0	58.5	56.2	51.7	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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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°	56.2	51.7	47.2	45.0	40.5	33.7	29.2	24.7	20.2	15.7	13.5
85°	119.2	108.0	94.5	87.7	78.7	69.7	60.7	51.7	42.7	33.7	24.7
82.5°	204.7	191.2	177.7	162.0	141.7	117.0	92.2	76.5	63.0	49.5	38.2
80°	308.2	283.5	261.0	240.7	218.2	186.7	153.0	121.5	85.5	65.2	49.5
77.5°	427.5	398.2	366.7	333.0	297.0	254.2	216.0	175.5	132.7	90.0	63.0
75°	562.5	524.2	481.5	434.2	387.0	330.7	276.7	229.5	180.0	126.0	76.5
72.5°	713.2	666.0	614.2	551.2	477.0	411.7	346.5	283.5	225.0	159.7	103.5
70°	906.7	832.5	756.0	688.5	594.0	490.5	414.0	342.0	267.7	195.7	130.5
67.5°	1113.7	1023.7	931.5	832.5	713.2	591.7	481.5	400.5	312.7	229.5	155.2
65°	1338.7	1226.2	1109.2	999.0	834.7	690.7	567.0	456.7	355.5	261.0	180.0
62.5°	1570.5	1437.7	1302.7	1158.7	969.7	792.0	648.0	519.7	396.0	290.2	202.5
60°	1818.0	1662.7	1498.5	1318.5	1098.0	902.2	724.5	585.0	438.7	319.5	227.2
57.5°	2079.0	1910.2	1716.7	1473.7	1230.7	1008.0	812.2	643.5	477.0	346.5	245.2
55°	2362.5	2169.0	1957.5	1635.7	1361.2	1113.7	900.0	702.0	517.5	369.0	263.2
52.5°	2668.5	2443.5	2175.7	1806.7	1498.5	1221.7	981.0	753.7	555.7	393.7	279.0
50°	3010.5	2727.0	2367.0	1964.2	1617.7	1323.0	1062.0	810.0	587.2	420.7	292.5
47.5°	3366.0	3060.0	2538.0	2110.5	1739.2	1422.0	1145.2	859.5	618.7	443.2	306.0
45°	3737.2	3291.7	2715.7	2241.0	1845.0	1512.0	1208.2	904.5	657.0	463.5	317.2
42.5°	4103.9	3467.2	2871.0	2371.5	1944.0	1593.0	1260.0	947.2	688.5	483.7	328.5
40°	4277.2	3600.0	2994.7	2461.5	2027.2	1665.0	1305.0	985.5	715.5	497.2	339.7
37.5°	4349.2	3681.0	3075.7	2547.0	2092.5	1703.2	1343.2	1019.2	738.0	510.7	348.7
35°	4364.9	3710.2	3116.2	2605.5	2146.5	1739.2	1372.5	1044.0	756.0	524.2	357.7
32.5°	4335.7	3701.2	3127.5	2625.7	2180.2	1766.2	1392.7	1062.0	769.5	537.7	366.7
30°	4270.4	3654.0	3087.0	2623.5	2205.0	1782.0	1406.2	1075.5	783.0	546.7	371.2
27.5°	4164.7	3570.7	3035.2	2625.7	2218.5	1788.7	1413.0	1082.2	792.0	553.5	380.2
25°	4034.2	3458.2	3037.5	2621.2	2220.7	1791.0	1413.0	1082.2	794.2	555.7	387.0
22.5°	3883.5	3458.2	3037.5	2614.5	2207.2	1786.5	1406.2	1077.7	794.2	560.2	393.7
20°	3892.5	3460.5	3030.7	2601.0	2187.0	1773.0	1390.5	1066.5	787.5	567.0	398.2
17.5°	3899.2	3456.0	3017.2	2583.0	2160.0	1750.5	1370.2	1050.7	787.5	573.7	400.5
15°	3899.2	3442.5	2997.0	2556.0	2126.2	1719.0	1341.0	1037.2	789.7	576.0	405.0
12.5°	3892.5	3417.7	2965.5	2520.0	2085.7	1680.7	1323.0	1032.7	789.7	578.2	405.0
10°	3879.0	3384.0	2925.0	2475.0	2047.5	1667.2	1314.0	1023.7	785.2	578.2	405.0
7.5°	3854.2	3343.5	2891.2	2448.0	2025.0	1651.5	1300.5	1010.2	778.5	573.7	409.5
5°	3816.0	3321.0	2864.2	2416.5	1993.5	1640.2	1291.5	999.0	774.0	573.7	405.0
2.5°	3766.5	3294.0	2832.7	2376.0	1957.5	1602.0	1262.2	974.2	758.2	564.7	400.5
0°	3685.5	3240.0	2778.7	2319.7	1908.0	1563.7	1233.0	949.5	742.5	555.7	396.0
-2.5°	3611.2	3168.0	2709.0	2261.2	1860.7	1530.0	1210.5	936.0	735.7	553.5	393.7
-5°	3507.7	3069.0	2616.7	2184.7	1797.7	1496.2	1188.0	920.2	729.0	549.0	393.7
-7.5°	3393.0	2965.5	2520.0	2106.0	1734.7	1437.7	1145.2	895.5	713.2	540.0	391.5
-10°	3215.2	2810.2	2398.5	2016.0	1667.2	1386.0	1109.2	873.0	699.7	531.0	382.5
-12.5°	3026.2	2639.2	2259.0	1905.7	1590.7	1332.0	1068.7	848.2	684.0	522.0	378.0
-15°	2826.0	2463.7	2112.7	1791.0	1507.5	1266.7	1026.0	821.2	668.2	510.7	371.2
-17.5°	2616.7	2279.2	1962.0	1674.0	1424.2	1199.2	981.0	796.5	650.2	499.5	364.5
-20°	2396.2	2090.2	1809.0	1554.7	1336.5	1131.7	933.7	767.2	630.0	486.0	355.5



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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2178.0	1903.5	1651.5	1437.7	1246.5	1062.0	886.5	738.0	607.5	470.2	348.7
-25°	1984.5	1728.0	1512.0	1325.2	1158.7	994.5	837.0	708.7	582.7	454.5	339.7
-27.5°	1795.5	1577.2	1374.7	1219.5	1073.2	929.2	789.7	677.2	558.0	436.5	330.7
-30°	1620.0	1433.2	1266.7	1116.0	992.2	870.7	749.2	645.7	531.0	418.5	319.5
-32.5°	1460.2	1309.5	1170.0	1026.0	915.7	812.2	711.0	614.2	504.0	400.5	308.2
-35°	1311.7	1194.7	1073.2	951.7	839.2	758.2	670.5	580.5	479.2	380.2	297.0
-37.5°	1179.0	1084.5	987.7	884.2	787.5	706.5	632.2	546.7	454.5	362.2	285.7
-40°	1064.2	987.7	902.2	819.0	738.0	661.5	594.0	513.0	429.7	348.7	274.5
-42.5°	958.5	900.0	830.2	760.5	688.5	621.0	555.7	477.0	405.0	333.0	263.2
-45°	877.5	819.0	762.7	699.7	639.0	580.5	515.2	445.5	382.5	315.0	252.0
-47.5°	801.0	749.2	697.5	645.7	596.2	542.2	477.0	418.5	357.7	299.2	243.0
-50°	733.5	684.0	639.0	594.0	551.2	499.5	438.7	391.5	337.5	283.5	231.7
-52.5°	670.5	627.7	582.7	546.7	510.7	459.0	409.5	364.5	317.2	265.5	220.5
-55°	614.2	573.7	533.2	499.5	465.7	420.7	380.2	342.0	297.0	252.0	209.2
-57.5°	560.2	526.5	488.2	456.7	423.0	387.0	353.2	317.2	276.7	238.5	198.0
-60°	510.7	479.2	445.5	414.0	384.7	355.5	324.0	294.7	258.7	222.7	186.7
-62.5°	461.2	434.2	405.0	373.5	351.0	324.0	299.2	270.0	240.7	209.2	166.5
-65°	416.2	391.5	364.5	337.5	317.2	297.0	274.5	247.5	222.7	193.5	148.5
-67.5°	371.2	348.7	326.2	303.7	285.7	270.0	247.5	227.2	207.0	175.5	130.5
-70°	328.5	310.5	290.2	272.2	258.7	240.7	225.0	207.0	189.0	153.0	110.2
-72.5°	288.0	270.0	254.2	240.7	229.5	213.7	200.2	186.7	162.0	128.2	92.2
-75°	240.7	229.5	220.5	209.2	198.0	186.7	175.5	159.7	135.0	103.5	72.0
-77.5°	198.0	191.2	184.5	175.5	166.5	157.5	144.0	128.2	108.0	81.0	58.5
-80°	162.0	155.2	150.7	141.7	135.0	126.0	112.5	99.0	78.7	63.0	47.2
-82.5°	123.7	119.2	114.7	110.2	103.5	94.5	81.0	69.7	58.5	47.2	36.0
-85°	87.7	85.5	81.0	76.5	69.7	63.0	54.0	47.2	40.5	31.5	24.7
-87.5°	45.0	42.7	40.5	38.2	36.0	31.5	27.0	22.5	20.2	15.7	11.2
-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	6.7	2.2	0.0
85°	18.0	11.2	4.5	0.0
82.5°	27.0	18.0	6.7	0.0
80°	36.0	22.5	11.2	0.0
77.5°	45.0	27.0	13.5	0.0
75°	54.0	33.7	15.7	0.0
72.5°	60.7	38.2	18.0	0.0
70°	72.0	45.0	20.2	0.0
67.5°	90.0	49.5	22.5	0.0
65°	105.7	54.0	24.7	0.0
62.5°	123.7	58.5	27.0	0.0
60°	139.5	63.0	29.2	0.0
57.5°	155.2	74.2	31.5	0.0
55°	168.7	83.2	33.7	0.0
52.5°	184.5	92.2	36.0	0.0
50°	198.0	101.2	38.2	0.0
47.5°	209.2	110.2	38.2	0.0
45°	218.2	117.0	40.5	0.0
42.5°	225.0	123.7	42.7	0.0
40°	231.7	130.5	45.0	0.0
37.5°	238.5	137.2	45.0	0.0
35°	245.2	144.0	47.2	0.0
32.5°	252.0	150.7	47.2	0.0
30°	256.5	155.2	49.5	0.0
27.5°	263.2	159.7	49.5	0.0
25°	265.5	164.2	51.7	0.0
22.5°	270.0	166.5	51.7	0.0
20°	274.5	171.0	51.7	0.0
17.5°	276.7	173.2	54.0	0.0
15°	276.7	175.5	56.2	0.0
12.5°	279.0	177.7	56.2	0.0
10°	279.0	182.2	54.0	0.0
7.5°	283.5	180.0	54.0	0.0
5°	281.2	180.0	54.0	0.0
2.5°	279.0	177.7	54.0	0.0
0°	276.7	177.7	54.0	0.0
-2.5°	276.7	177.7	54.0	0.0
-5°	276.7	177.7	54.0	0.0
-7.5°	274.5	180.0	54.0	0.0
-10°	270.0	180.0	54.0	0.0
-12.5°	267.7	173.2	54.0	0.0
-15°	265.5	171.0	54.0	0.0
-17.5°	261.0	168.7	51.7	0.0
-20°	256.5	166.5	51.7	0.0



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 CATALOG NUMBER: IFLD-M-SA4D-935-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	252.0	162.0	51.7	0.0
-25°	247.5	157.5	49.5	0.0
-27.5°	243.0	153.0	49.5	0.0
-30°	236.2	148.5	47.2	0.0
-32.5°	229.5	144.0	47.2	0.0
-35°	225.0	137.2	45.0	0.0
-37.5°	218.2	130.5	45.0	0.0
-40°	211.5	123.7	42.7	0.0
-42.5°	204.7	117.0	40.5	0.0
-45°	195.7	110.2	40.5	0.0
-47.5°	189.0	103.5	38.2	0.0
-50°	177.7	94.5	36.0	0.0
-52.5°	164.2	85.5	33.7	0.0
-55°	150.7	78.7	31.5	0.0
-57.5°	137.2	69.7	31.5	0.0
-60°	123.7	60.7	29.2	0.0
-62.5°	110.2	56.2	27.0	0.0
-65°	96.7	51.7	24.7	0.0
-67.5°	81.0	45.0	22.5	0.0
-70°	67.5	40.5	20.2	0.0
-72.5°	58.5	36.0	18.0	0.0
-75°	49.5	31.5	15.7	0.0
-77.5°	42.7	27.0	13.5	0.0
-80°	33.7	20.2	9.0	0.0
-82.5°	24.7	15.7	6.7	0.0
-85°	15.7	11.2	4.5	0.0
-87.5°	9.0	4.5	2.2	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)