

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: P722148

Luminaire Tested: **IFLD-M-SA4A-760-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722148
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4A-760-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (64) 5700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

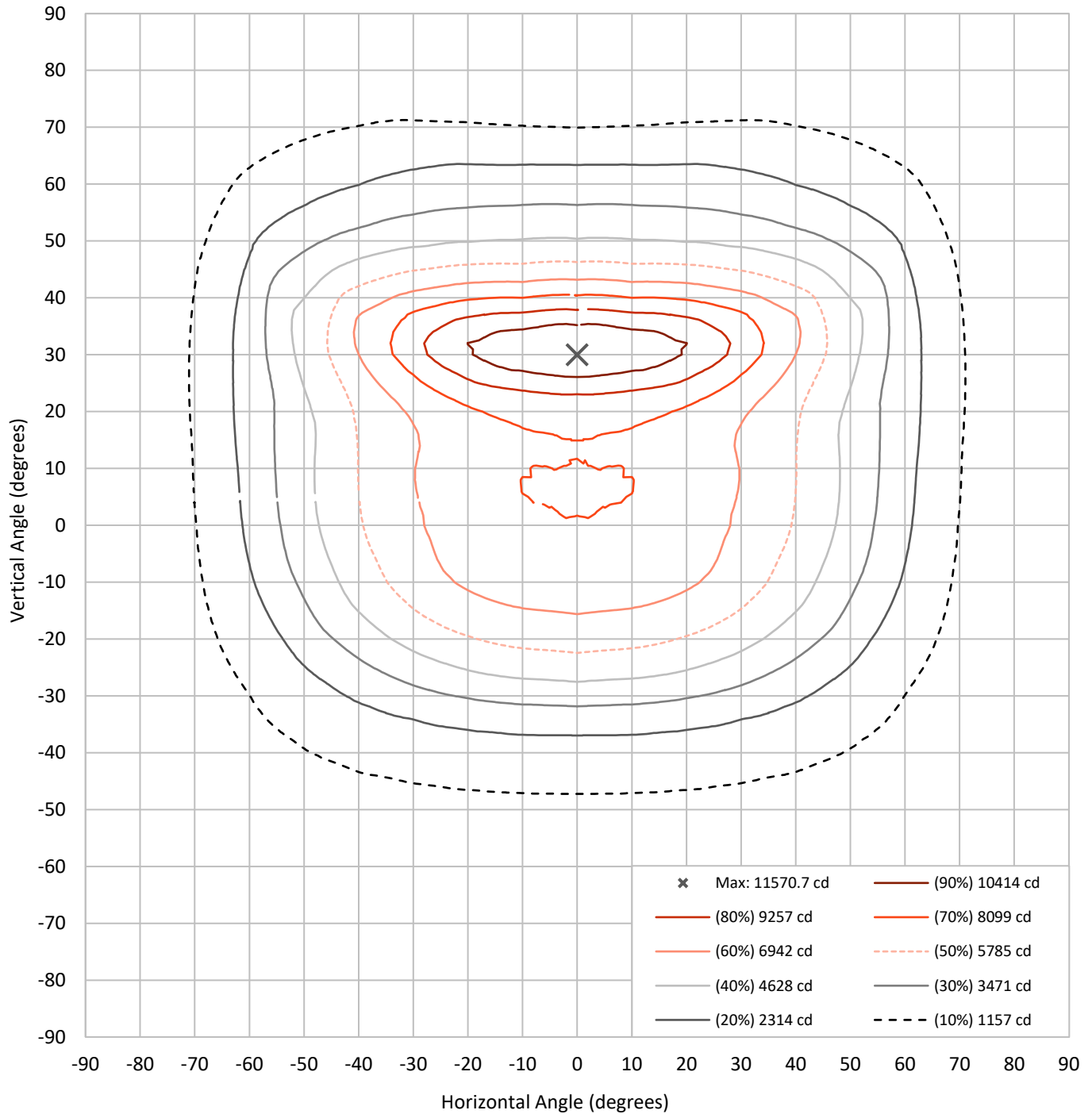
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	19314.3 lumens	Max Intensity:	11570.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	150.2 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	11231.5 lumens	Field Lumens:	18100 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 128.6
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



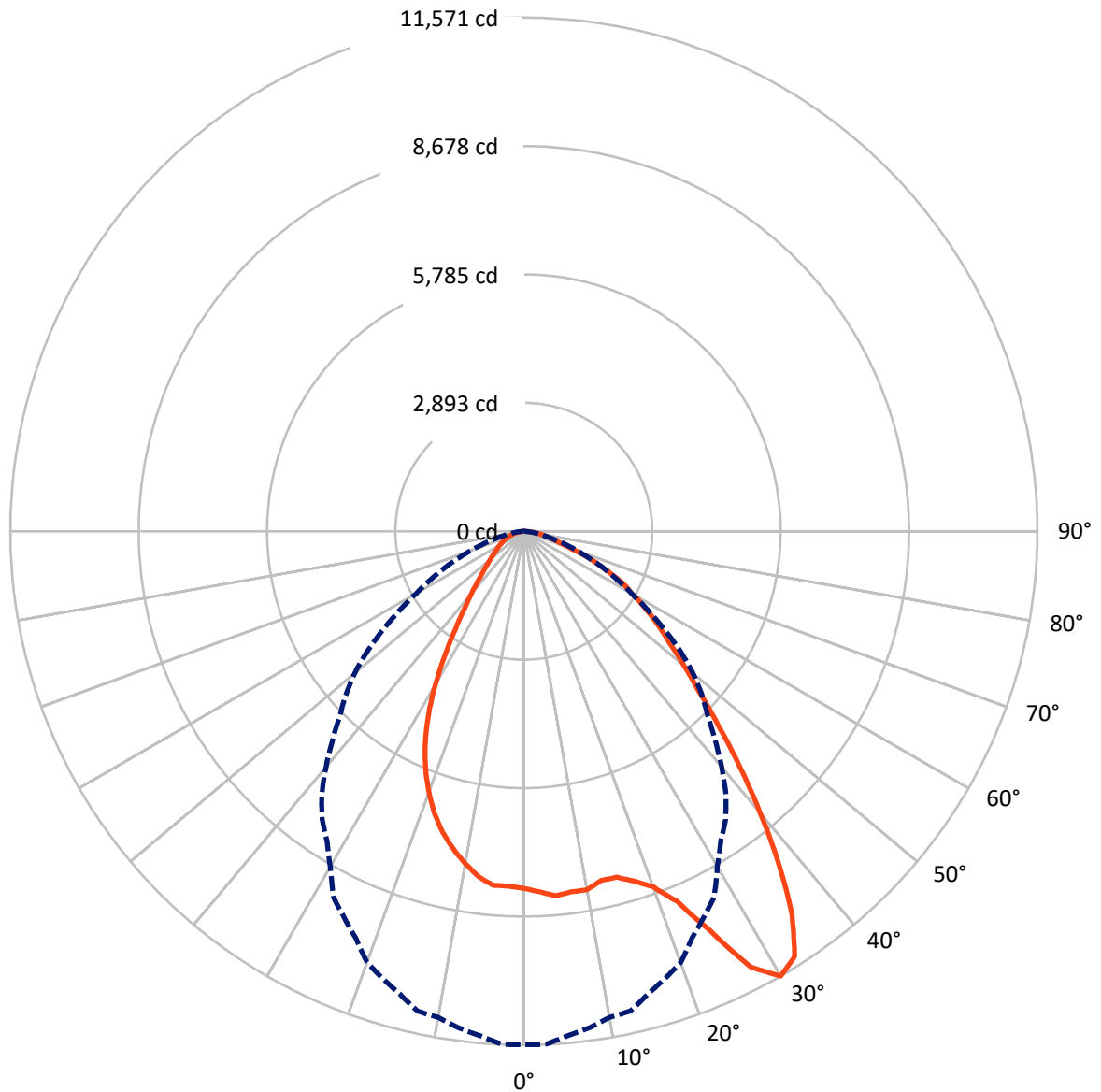
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Iso-Candela Plot



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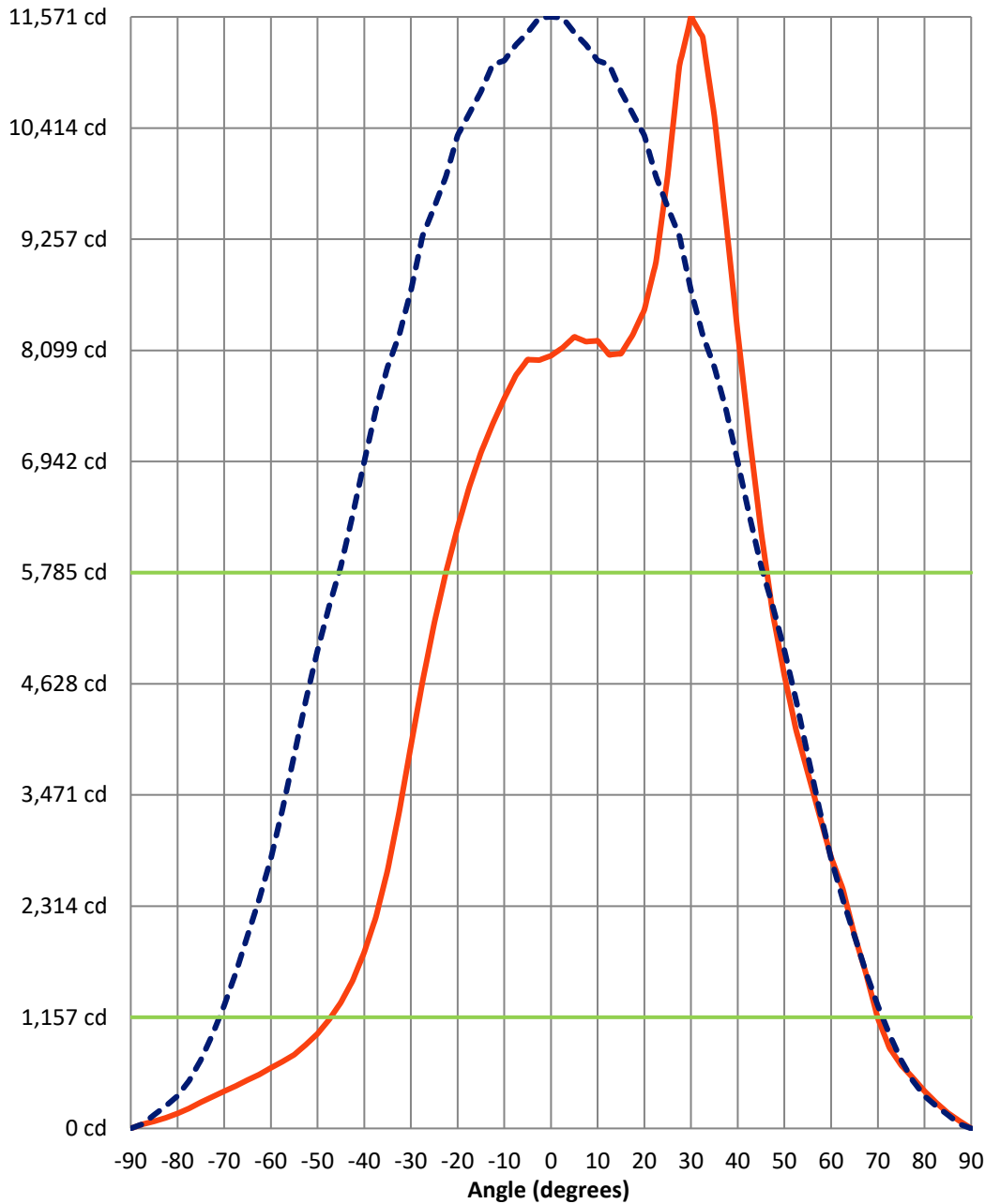
Luminous Intensity Polar Plot



— 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: 11231.5
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 18100
 Efficiency: 93.7%

Spill:
 Lumens: 1214.3
 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°	77.8	79.8	81.8	81.8	79.8	79.8	79.8	77.8	79.8	79.8	79.8
85°	161.6	165.7	169.8	167.8	165.7	161.6	157.5	159.6	161.6	163.7	163.7
82.5°	268.0	274.2	278.3	276.2	272.1	268.0	263.9	266.0	270.1	272.1	272.1
80°	388.8	390.8	392.9	396.9	390.8	390.8	388.8	396.9	401.0	405.1	409.2
77.5°	527.9	529.9	529.9	532.0	534.0	536.1	536.1	550.4	560.6	566.8	572.9
75°	658.8	665.0	671.1	677.3	685.4	689.5	695.7	716.1	732.5	744.8	757.1
72.5°	838.9	847.1	857.3	871.6	886.0	896.2	910.5	935.1	953.5	965.8	980.1
70°	1147.9	1156.0	1166.3	1176.5	1190.8	1201.1	1215.4	1246.1	1264.5	1272.7	1280.9
67.5°	1606.2	1626.6	1645.1	1624.6	1614.4	1600.0	1604.1	1632.8	1651.2	1663.5	1661.4
65°	2013.4	2027.7	2027.7	2025.6	2017.5	1999.0	2009.3	2044.0	2064.5	2074.7	2044.0
62.5°	2492.1	2492.1	2481.9	2498.3	2500.3	2488.1	2481.9	2484.0	2486.0	2492.1	2441.0
60°	2823.6	2844.1	2850.2	2864.5	2868.6	2868.6	2878.9	2887.0	2887.0	2874.8	2815.4
57.5°	3261.5	3300.4	3308.5	3298.3	3277.8	3251.2	3247.2	3234.9	3210.3	3185.8	3157.1
55°	3703.4	3723.9	3721.8	3715.7	3695.2	3664.6	3668.6	3652.3	3613.4	3582.7	3543.8
52.5°	4147.4	4196.5	4204.7	4192.5	4163.8	4131.1	4133.1	4114.7	4075.8	4043.1	3989.9
50°	4714.2	4755.1	4751.0	4730.6	4689.7	4665.1	4667.1	4632.4	4587.3	4577.1	4507.5
47.5°	5362.8	5409.9	5401.7	5373.0	5317.8	5307.6	5317.8	5272.8	5246.2	5223.7	5141.8
45°	6214.0	6269.2	6238.5	6183.3	6095.3	6105.5	6119.9	6111.7	6054.4	5995.1	5890.7
42.5°	7212.5	7247.3	7210.4	7155.2	7044.7	7065.2	7057.0	7007.9	6973.1	6874.9	6741.9
40°	8280.5	8356.3	8299.0	8213.0	8098.4	8129.1	8106.6	8043.2	7961.4	7838.6	7670.8
37.5°	9432.5	9491.8	9426.4	9326.1	9223.8	9213.6	9168.6	9070.3	8953.7	8818.7	8550.6
35°	10535.3	10688.8	10568.1	10408.5	10283.7	10236.6	10193.6	9966.5	9833.5	9614.6	9248.4
32.5°	11355.8	11468.4	11319.0	11153.3	11001.9	10936.4	10785.0	10514.9	10443.3	9982.9	9647.3
30°	11570.7	11562.5	11407.0	11280.1	11116.4	11071.4	10793.2	10564.0	10334.8	9909.2	9590.1
27.5°	11059.1	11008.0	10858.6	10748.1	10586.5	10533.3	10259.1	10136.4	9782.4	9422.3	9152.2
25°	9919.5	9946.1	9833.5	9778.3	9671.9	9557.3	9448.9	9283.1	9062.2	8747.1	8499.5
22.5°	9021.2	9056.0	9009.0	8943.5	8861.6	8798.2	8716.4	8587.5	8374.7	8180.3	7947.0
20°	8522.0	8511.8	8470.8	8421.7	8344.0	8299.0	8208.9	8100.5	7936.8	7769.0	7517.4
17.5°	8260.1	8196.7	8157.8	8139.4	8098.4	8041.2	7934.8	7824.3	7697.4	7507.1	7323.0
15°	8065.7	8075.9	8045.2	8030.9	7998.2	7918.4	7809.9	7719.9	7548.0	7451.9	7284.1
12.5°	8053.4	8043.2	8045.2	8039.1	7998.2	7895.9	7840.6	7726.1	7615.6	7488.7	7296.4
10°	8198.7	8090.3	8098.4	8127.1	8061.6	7979.8	7920.4	7795.6	7691.3	7529.6	7339.3
7.5°	8190.5	8135.3	8151.6	8104.6	8125.0	8024.8	7942.9	7818.1	7687.2	7515.3	7343.4
5°	8239.6	8155.7	8141.4	8145.5	8094.4	8018.6	7908.2	7789.5	7666.7	7474.4	7298.4
2.5°	8127.1	8139.4	8073.9	8049.3	8043.2	7916.3	7814.0	7699.5	7572.6	7402.8	7245.2
0°	8043.2	8065.7	7998.2	7963.4	7961.4	7852.9	7787.4	7656.5	7566.5	7425.3	7235.0
-2.5°	7998.2	8024.8	8033.0	7969.5	7908.2	7824.3	7713.8	7572.6	7425.3	7261.6	7097.9
-5°	8002.3	7949.1	7926.6	7947.0	7893.8	7809.9	7687.2	7562.4	7417.1	7241.1	7036.5
-7.5°	7840.6	7787.4	7783.3	7773.1	7760.8	7681.0	7578.7	7443.7	7296.4	7132.7	6942.4
-10°	7599.2	7560.3	7550.1	7539.9	7507.1	7460.1	7363.9	7241.1	7108.1	6944.4	6741.9
-12.5°	7331.2	7312.7	7273.9	7247.3	7214.5	7159.3	7067.2	6954.7	6821.7	6676.4	6502.5
-15°	7034.5	6999.7	6960.8	6938.3	6891.3	6825.8	6733.7	6629.4	6484.1	6340.9	6177.2
-17.5°	6676.4	6633.4	6590.5	6584.3	6551.6	6451.3	6365.4	6238.5	6111.7	5974.6	5815.0
-20°	6254.9	6195.6	6166.9	6150.6	6105.5	6031.9	5939.8	5823.2	5700.4	5569.5	5385.3



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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°	5788.4	5737.3	5688.1	5657.5	5618.6	5561.3	5473.3	5371.0	5250.3	5103.0	4933.1
-25°	5258.5	5186.9	5156.2	5121.4	5100.9	5047.7	4961.8	4867.7	4742.8	4599.6	4438.0
-27.5°	4652.8	4595.5	4579.2	4530.1	4505.5	4450.3	4378.6	4290.7	4176.1	4041.0	3908.0
-30°	3983.7	3949.0	3922.4	3873.3	3854.8	3795.5	3748.4	3674.8	3570.4	3474.3	3367.9
-32.5°	3296.3	3261.5	3253.3	3230.8	3218.5	3179.6	3126.4	3073.2	2989.3	2917.7	2831.8
-35°	2686.5	2662.0	2664.0	2662.0	2649.7	2621.0	2555.6	2541.3	2479.9	2414.4	2359.1
-37.5°	2199.6	2201.6	2199.6	2197.5	2181.1	2168.9	2121.8	2103.4	2066.6	2003.1	1970.4
-40°	1833.3	1837.4	1835.3	1831.3	1812.8	1806.7	1776.0	1751.5	1737.1	1692.1	1657.3
-42.5°	1536.6	1542.8	1540.7	1538.7	1526.4	1524.3	1508.0	1479.3	1471.1	1444.5	1407.7
-45°	1311.5	1309.5	1305.4	1309.5	1303.4	1297.2	1287.0	1268.6	1258.3	1246.1	1215.4
-47.5°	1133.5	1135.6	1131.5	1131.5	1123.3	1117.2	1113.1	1100.8	1092.6	1082.4	1064.0
-50°	986.2	994.4	992.4	990.3	984.2	980.1	980.1	967.8	955.5	951.4	939.2
-52.5°	871.6	877.8	879.8	883.9	886.0	888.0	881.9	869.6	849.1	847.1	840.9
-55°	767.3	785.7	798.0	806.2	814.3	820.5	808.2	791.8	771.4	763.2	761.1
-57.5°	695.7	714.1	728.4	740.7	750.9	761.1	748.9	732.5	714.1	703.9	701.8
-60°	630.2	646.6	660.9	677.3	691.6	707.9	701.8	689.5	679.3	671.1	662.9
-62.5°	560.6	577.0	593.4	613.8	632.2	648.6	650.7	648.6	646.6	648.6	634.3
-65°	503.3	511.5	521.8	544.3	564.7	583.1	593.4	599.5	609.7	620.0	605.6
-67.5°	442.0	452.2	464.5	480.8	497.2	509.5	523.8	540.2	556.5	572.9	562.7
-70°	386.7	394.9	405.1	413.3	423.5	431.7	444.0	462.4	480.8	497.2	493.1
-72.5°	329.4	337.6	343.7	347.8	354.0	358.1	364.2	380.6	392.9	401.0	401.0
-75°	272.1	280.3	286.5	288.5	292.6	294.6	298.7	304.9	311.0	313.1	315.1
-77.5°	208.7	216.9	223.0	227.1	231.2	235.3	237.3	241.4	243.5	243.5	245.5
-80°	155.5	161.6	165.7	171.9	173.9	178.0	182.1	184.1	186.2	186.2	188.2
-82.5°	110.5	114.6	118.7	122.8	126.9	128.9	133.0	135.0	137.1	139.1	141.2
-85°	73.7	77.8	81.8	85.9	88.0	90.0	92.1	94.1	96.2	98.2	100.3
-87.5°	43.0	45.0	47.1	51.2	53.2	57.3	59.3	57.3	59.3	59.3	59.3
-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°	79.8	79.8	79.8	79.8	77.8	73.7	71.6	67.5	63.4	59.3	55.2
85°	165.7	167.8	167.8	167.8	163.7	161.6	155.5	149.4	141.2	128.9	118.7
82.5°	276.2	278.3	278.3	276.2	272.1	266.0	257.8	247.6	231.2	214.8	200.5
80°	415.4	417.4	417.4	415.4	405.1	394.9	384.7	372.4	351.9	329.4	304.9
77.5°	581.1	585.2	585.2	579.0	564.7	552.4	536.1	515.6	484.9	452.2	419.4
75°	773.4	783.7	785.7	779.6	761.1	738.6	712.0	677.3	630.2	589.3	550.4
72.5°	996.4	1006.7	1014.9	1006.7	980.1	949.4	910.5	869.6	822.5	767.3	701.8
70°	1289.0	1299.3	1305.4	1278.8	1231.7	1180.6	1133.5	1086.5	1031.2	963.7	892.1
67.5°	1657.3	1647.1	1634.8	1581.6	1522.3	1460.9	1395.4	1325.9	1254.3	1182.6	1098.8
65°	2011.3	1982.7	1956.1	1892.6	1816.9	1737.1	1661.4	1583.7	1497.7	1407.7	1327.9
62.5°	2383.7	2322.3	2256.8	2179.1	2101.3	2013.4	1937.7	1845.6	1749.4	1638.9	1536.6
60°	2750.0	2676.3	2610.8	2514.7	2412.3	2293.7	2211.8	2121.8	2009.3	1890.6	1769.9
57.5°	3103.9	3024.1	2952.5	2868.6	2758.1	2629.2	2539.2	2422.6	2303.9	2154.5	2031.8
55°	3480.4	3400.6	3343.3	3249.2	3128.5	3009.8	2911.6	2788.8	2623.1	2463.5	2312.1
52.5°	3912.1	3848.7	3787.3	3691.2	3545.9	3425.2	3316.7	3179.6	3005.7	2809.3	2627.2
50°	4395.0	4362.3	4296.8	4184.3	4018.5	3912.1	3768.9	3586.8	3400.6	3194.0	2966.8
47.5°	5035.4	4982.2	4890.2	4767.4	4628.3	4468.7	4276.3	4063.5	3799.6	3570.4	3329.0
45°	5800.7	5702.5	5583.8	5418.1	5246.2	5066.1	4855.4	4585.3	4231.3	3932.6	3678.9
42.5°	6629.4	6496.4	6334.7	6117.8	5894.8	5673.8	5446.7	5078.4	4636.5	4292.7	4006.3
40°	7494.8	7325.0	7122.5	6807.4	6559.8	6275.4	6015.5	5465.1	4994.5	4622.1	4317.3
37.5°	8341.9	8127.1	7787.4	7404.8	7116.3	6883.1	6312.2	5722.9	5301.4	4892.2	4583.3
35°	8990.5	8808.4	8208.9	7812.0	7564.4	7196.1	6482.0	5878.4	5432.4	5092.7	4611.9
32.5°	9375.2	8904.6	8378.8	7977.7	7773.1	7169.5	6494.3	5923.4	5493.8	5113.2	4538.2
30°	9289.3	8720.5	8260.1	7924.5	7480.5	6938.3	6379.7	5853.9	5436.5	4976.1	4456.4
27.5°	8771.6	8331.7	7920.4	7570.6	7134.7	6647.8	6132.1	5669.7	5281.0	4834.9	4343.9
25°	8186.4	7787.4	7482.6	7177.7	6764.4	6299.9	5845.7	5512.2	5121.4	4681.5	4196.5
22.5°	7648.3	7361.9	7122.5	6803.3	6400.2	5995.1	5712.7	5366.9	4965.9	4519.8	4045.1
20°	7304.6	7110.2	6836.0	6484.1	6166.9	5913.2	5600.2	5233.9	4820.6	4354.1	3916.2
17.5°	7138.8	6913.8	6608.9	6379.7	6136.2	5858.0	5508.1	5119.3	4679.4	4278.4	3930.5
15°	7052.9	6815.5	6615.0	6390.0	6115.8	5823.2	5434.4	5031.3	4679.4	4309.1	3940.8
12.5°	7071.3	6866.7	6647.8	6402.2	6107.6	5794.5	5442.6	5068.2	4704.0	4331.6	3942.8
10°	7128.6	6913.8	6680.5	6408.4	6111.7	5802.7	5465.1	5090.7	4716.3	4341.8	3938.7
7.5°	7149.1	6915.8	6666.2	6392.0	6101.5	5798.6	5469.2	5096.8	4718.3	4339.8	3926.5
5°	7085.6	6874.9	6633.4	6357.2	6072.8	5778.2	5452.8	5088.6	4701.9	4319.3	3895.8
2.5°	6999.7	6829.9	6598.7	6332.7	6044.2	5749.5	5426.2	5051.8	4665.1	4282.5	3856.9
0°	6985.4	6774.6	6541.4	6304.0	5997.1	5686.1	5364.9	4982.2	4597.6	4212.9	3789.4
-2.5°	6891.3	6668.2	6435.0	6177.2	5907.1	5594.0	5256.4	4882.0	4501.4	4122.9	3715.7
-5°	6819.6	6572.1	6324.5	6046.2	5774.1	5461.0	5111.1	4746.9	4374.6	4006.3	3613.4
-7.5°	6723.5	6469.8	6209.9	5919.4	5624.7	5305.5	4959.7	4595.5	4229.3	3863.0	3486.5
-10°	6529.1	6306.1	6062.6	5761.8	5450.8	5131.6	4787.9	4429.8	4063.5	3693.2	3314.7
-12.5°	6293.8	6058.5	5792.5	5516.3	5238.0	4941.3	4597.6	4245.6	3877.4	3505.0	3128.5
-15°	5988.9	5757.7	5485.6	5215.5	4947.5	4663.1	4360.2	4043.1	3668.6	3302.4	2925.9
-17.5°	5608.3	5391.5	5148.0	4890.2	4624.2	4337.7	4043.1	3775.0	3425.2	3081.4	2709.0
-20°	5199.1	4996.6	4777.6	4534.1	4268.2	3987.8	3709.6	3429.3	3126.4	2823.6	2477.8



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 CATALOG NUMBER: IFLD-M-SA4A-760-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	4773.5	4568.9	4348.0	4120.8	3875.3	3615.5	3357.6	3089.6	2823.6	2549.4	2256.8
-25°	4282.5	4102.4	3899.9	3678.9	3459.9	3232.8	2987.3	2743.8	2516.7	2279.4	2040.0
-27.5°	3768.9	3603.2	3419.0	3226.7	3038.5	2848.2	2635.4	2410.3	2222.1	2025.6	1827.2
-30°	3228.7	3095.7	2946.4	2778.6	2633.3	2479.9	2301.9	2115.7	1943.8	1794.4	1634.8
-32.5°	2717.2	2604.7	2498.3	2387.8	2244.6	2125.9	2003.1	1866.0	1714.6	1573.4	1458.9
-35°	2277.3	2156.6	2111.6	2029.7	1927.4	1823.1	1733.0	1634.8	1520.2	1395.4	1301.3
-37.5°	1907.0	1835.3	1771.9	1726.9	1659.4	1575.5	1503.9	1432.3	1344.3	1250.2	1156.0
-40°	1618.5	1569.4	1499.8	1477.3	1434.3	1377.0	1303.4	1248.1	1188.8	1117.2	1037.4
-42.5°	1387.3	1350.4	1305.4	1266.5	1248.1	1207.2	1149.9	1096.7	1049.6	1000.5	939.2
-45°	1197.0	1172.4	1143.8	1109.0	1094.7	1061.9	1021.0	961.7	935.1	894.1	849.1
-47.5°	1043.5	1031.2	1010.8	988.3	967.8	943.3	906.4	869.6	832.8	806.2	771.4
-50°	922.8	914.6	902.3	883.9	857.3	840.9	816.4	783.7	748.9	726.4	701.8
-52.5°	826.6	818.4	810.3	795.9	775.5	759.1	738.6	712.0	683.4	660.9	640.4
-55°	753.0	740.7	734.5	722.3	705.9	687.5	669.1	650.7	626.1	605.6	585.2
-57.5°	695.7	679.3	671.1	660.9	644.5	626.1	611.8	593.4	577.0	554.5	536.1
-60°	650.7	632.2	615.9	605.6	591.3	572.9	558.6	544.3	527.9	509.5	487.0
-62.5°	613.8	591.3	568.8	556.5	542.2	525.8	511.5	497.2	480.8	462.4	442.0
-65°	579.0	552.4	523.8	511.5	497.2	480.8	462.4	452.2	437.9	421.5	401.0
-67.5°	536.1	507.4	482.9	468.6	454.2	439.9	423.5	413.3	399.0	378.5	358.1
-70°	472.6	454.2	437.9	425.6	413.3	401.0	384.7	368.3	351.9	333.5	315.1
-72.5°	392.9	386.7	384.7	378.5	364.2	349.9	333.5	317.1	302.8	288.5	274.2
-75°	317.1	321.2	325.3	323.3	309.0	294.6	280.3	266.0	255.8	243.5	231.2
-77.5°	251.7	255.8	259.9	259.9	249.6	241.4	231.2	221.0	212.8	202.6	190.3
-80°	194.4	200.5	206.7	210.7	202.6	196.4	188.2	180.1	171.9	163.7	155.5
-82.5°	147.3	153.5	159.6	163.7	157.5	153.5	147.3	141.2	135.0	126.9	120.7
-85°	106.4	110.5	114.6	116.6	112.5	108.4	104.4	100.3	96.2	90.0	85.9
-87.5°	61.4	63.4	65.5	67.5	63.4	59.3	57.3	53.2	51.2	47.1	45.0
-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):

	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°	51.2	47.1	43.0	40.9	36.8	30.7	26.6	22.5	18.4	14.3	12.3
85°	108.4	98.2	85.9	79.8	71.6	63.4	55.2	47.1	38.9	30.7	22.5
82.5°	186.2	173.9	161.6	147.3	128.9	106.4	83.9	69.6	57.3	45.0	34.8
80°	280.3	257.8	237.3	218.9	198.5	169.8	139.1	110.5	77.8	59.3	45.0
77.5°	388.8	362.2	333.5	302.8	270.1	231.2	196.4	159.6	120.7	81.8	57.3
75°	511.5	476.7	437.9	394.9	351.9	300.8	251.7	208.7	163.7	114.6	69.6
72.5°	648.6	605.6	558.6	501.3	433.8	374.4	315.1	257.8	204.6	145.3	94.1
70°	824.6	757.1	687.5	626.1	540.2	446.0	376.5	311.0	243.5	178.0	118.7
67.5°	1012.8	931.0	847.1	757.1	648.6	538.1	437.9	364.2	284.4	208.7	141.2
65°	1217.4	1115.1	1008.7	908.5	759.1	628.2	515.6	415.4	323.3	237.3	163.7
62.5°	1428.2	1307.5	1184.7	1053.7	881.9	720.2	589.3	472.6	360.1	263.9	184.1
60°	1653.2	1512.1	1362.7	1199.0	998.5	820.5	658.8	532.0	399.0	290.5	206.7
57.5°	1890.6	1737.1	1561.2	1340.2	1119.2	916.7	738.6	585.2	433.8	315.1	223.0
55°	2148.4	1972.4	1780.1	1487.5	1237.9	1012.8	818.4	638.4	470.6	335.6	239.4
52.5°	2426.7	2222.1	1978.6	1643.0	1362.7	1111.0	892.1	685.4	505.4	358.1	253.7
50°	2737.7	2479.9	2152.5	1786.2	1471.1	1203.1	965.8	736.6	534.0	382.6	266.0
47.5°	3061.0	2782.7	2308.0	1919.2	1581.6	1293.1	1041.5	781.6	562.7	403.1	278.3
45°	3398.6	2993.4	2469.6	2037.9	1677.8	1375.0	1098.8	822.5	597.5	421.5	288.5
42.5°	3732.1	3153.0	2610.8	2156.6	1767.8	1448.6	1145.8	861.4	626.1	439.9	298.7
40°	3889.6	3273.8	2723.4	2238.4	1843.5	1514.1	1186.7	896.2	650.7	452.2	309.0
37.5°	3955.1	3347.4	2797.0	2316.2	1902.9	1548.9	1221.5	926.9	671.1	464.5	317.1
35°	3969.4	3374.0	2833.8	2369.4	1952.0	1581.6	1248.1	949.4	687.5	476.7	325.3
32.5°	3942.8	3365.8	2844.1	2387.8	1982.7	1606.2	1266.5	965.8	699.8	489.0	333.5
30°	3883.5	3322.9	2807.2	2385.7	2005.2	1620.5	1278.8	978.0	712.0	497.2	337.6
27.5°	3787.3	3247.2	2760.2	2387.8	2017.5	1626.6	1284.9	984.2	720.2	503.3	345.8
25°	3668.6	3144.8	2762.2	2383.7	2019.5	1628.7	1284.9	984.2	722.3	505.4	351.9
22.5°	3531.6	3144.8	2762.2	2377.6	2007.2	1624.6	1278.8	980.1	722.3	509.5	358.1
20°	3539.7	3146.9	2756.1	2365.3	1988.8	1612.3	1264.5	969.8	716.1	515.6	362.2
17.5°	3545.9	3142.8	2743.8	2348.9	1964.3	1591.9	1246.1	955.5	716.1	521.8	364.2
15°	3545.9	3130.5	2725.4	2324.4	1933.6	1563.2	1219.5	943.3	718.2	523.8	368.3
12.5°	3539.7	3108.0	2696.8	2291.6	1896.7	1528.4	1203.1	939.2	718.2	525.8	368.3
10°	3527.5	3077.3	2659.9	2250.7	1861.9	1516.2	1194.9	931.0	714.1	525.8	368.3
7.5°	3505.0	3040.5	2629.2	2226.2	1841.5	1501.8	1182.6	918.7	707.9	521.8	372.4
5°	3470.2	3020.0	2604.7	2197.5	1812.8	1491.6	1174.5	908.5	703.9	521.8	368.3
2.5°	3425.2	2995.5	2576.0	2160.7	1780.1	1456.8	1147.9	886.0	689.5	513.6	364.2
0°	3351.5	2946.4	2526.9	2109.5	1735.1	1422.0	1121.3	863.5	675.2	505.4	360.1
-2.5°	3284.0	2880.9	2463.5	2056.3	1692.1	1391.3	1100.8	851.2	669.1	503.3	358.1
-5°	3189.9	2790.9	2379.6	1986.8	1634.8	1360.7	1080.3	836.9	662.9	499.2	358.1
-7.5°	3085.5	2696.8	2291.6	1915.1	1577.5	1307.5	1041.5	814.3	648.6	491.1	356.0
-10°	2923.9	2555.6	2181.1	1833.3	1516.2	1260.4	1008.7	793.9	636.3	482.9	347.8
-12.5°	2752.0	2400.1	2054.3	1733.0	1446.6	1211.3	971.9	771.4	622.0	474.7	343.7
-15°	2569.9	2240.5	1921.3	1628.7	1370.9	1152.0	933.0	746.8	607.7	464.5	337.6
-17.5°	2379.6	2072.7	1784.2	1522.3	1295.2	1090.6	892.1	724.3	591.3	454.2	331.5
-20°	2179.1	1900.8	1645.1	1413.9	1215.4	1029.2	849.1	697.7	572.9	442.0	323.3



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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°	1980.6	1731.0	1501.8	1307.5	1133.5	965.8	806.2	671.1	552.4	427.6	317.1
-25°	1804.7	1571.4	1375.0	1205.2	1053.7	904.4	761.1	644.5	529.9	413.3	309.0
-27.5°	1632.8	1434.3	1250.2	1109.0	976.0	845.0	718.2	615.9	507.4	396.9	300.8
-30°	1473.2	1303.4	1152.0	1014.9	902.3	791.8	681.3	587.2	482.9	380.6	290.5
-32.5°	1327.9	1190.8	1064.0	933.0	832.8	738.6	646.6	558.6	458.3	364.2	280.3
-35°	1192.9	1086.5	976.0	865.5	763.2	689.5	609.7	527.9	435.8	345.8	270.1
-37.5°	1072.2	986.2	898.2	804.1	716.1	642.5	575.0	497.2	413.3	329.4	259.9
-40°	967.8	898.2	820.5	744.8	671.1	601.6	540.2	466.5	390.8	317.1	249.6
-42.5°	871.6	818.4	755.0	691.6	626.1	564.7	505.4	433.8	368.3	302.8	239.4
-45°	798.0	744.8	693.6	636.3	581.1	527.9	468.6	405.1	347.8	286.5	229.2
-47.5°	728.4	681.3	634.3	587.2	542.2	493.1	433.8	380.6	325.3	272.1	221.0
-50°	667.0	622.0	581.1	540.2	501.3	454.2	399.0	356.0	306.9	257.8	210.7
-52.5°	609.7	570.9	529.9	497.2	464.5	417.4	372.4	331.5	288.5	241.4	200.5
-55°	558.6	521.8	484.9	454.2	423.5	382.6	345.8	311.0	270.1	229.2	190.3
-57.5°	509.5	478.8	444.0	415.4	384.7	351.9	321.2	288.5	251.7	216.9	180.1
-60°	464.5	435.8	405.1	376.5	349.9	323.3	294.6	268.0	235.3	202.6	169.8
-62.5°	419.4	394.9	368.3	339.7	319.2	294.6	272.1	245.5	218.9	190.3	151.4
-65°	378.5	356.0	331.5	306.9	288.5	270.1	249.6	225.1	202.6	176.0	135.0
-67.5°	337.6	317.1	296.7	276.2	259.9	245.5	225.1	206.7	188.2	159.6	118.7
-70°	298.7	282.4	263.9	247.6	235.3	218.9	204.6	188.2	171.9	139.1	100.3
-72.5°	261.9	245.5	231.2	218.9	208.7	194.4	182.1	169.8	147.3	116.6	83.9
-75°	218.9	208.7	200.5	190.3	180.1	169.8	159.6	145.3	122.8	94.1	65.5
-77.5°	180.1	173.9	167.8	159.6	151.4	143.2	131.0	116.6	98.2	73.7	53.2
-80°	147.3	141.2	137.1	128.9	122.8	114.6	102.3	90.0	71.6	57.3	43.0
-82.5°	112.5	108.4	104.4	100.3	94.1	85.9	73.7	63.4	53.2	43.0	32.7
-85°	79.8	77.8	73.7	69.6	63.4	57.3	49.1	43.0	36.8	28.6	22.5
-87.5°	40.9	38.9	36.8	34.8	32.7	28.6	24.6	20.5	18.4	14.3	10.2
-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°	8.2	6.1	2.0	0.0
85°	16.4	10.2	4.1	0.0
82.5°	24.6	16.4	6.1	0.0
80°	32.7	20.5	10.2	0.0
77.5°	40.9	24.6	12.3	0.0
75°	49.1	30.7	14.3	0.0
72.5°	55.2	34.8	16.4	0.0
70°	65.5	40.9	18.4	0.0
67.5°	81.8	45.0	20.5	0.0
65°	96.2	49.1	22.5	0.0
62.5°	112.5	53.2	24.6	0.0
60°	126.9	57.3	26.6	0.0
57.5°	141.2	67.5	28.6	0.0
55°	153.5	75.7	30.7	0.0
52.5°	167.8	83.9	32.7	0.0
50°	180.1	92.1	34.8	0.0
47.5°	190.3	100.3	34.8	0.0
45°	198.5	106.4	36.8	0.0
42.5°	204.6	112.5	38.9	0.0
40°	210.7	118.7	40.9	0.0
37.5°	216.9	124.8	40.9	0.0
35°	223.0	131.0	43.0	0.0
32.5°	229.2	137.1	43.0	0.0
30°	233.3	141.2	45.0	0.0
27.5°	239.4	145.3	45.0	0.0
25°	241.4	149.4	47.1	0.0
22.5°	245.5	151.4	47.1	0.0
20°	249.6	155.5	47.1	0.0
17.5°	251.7	157.5	49.1	0.0
15°	251.7	159.6	51.2	0.0
12.5°	253.7	161.6	51.2	0.0
10°	253.7	165.7	49.1	0.0
7.5°	257.8	163.7	49.1	0.0
5°	255.8	163.7	49.1	0.0
2.5°	253.7	161.6	49.1	0.0
0°	251.7	161.6	49.1	0.0
-2.5°	251.7	161.6	49.1	0.0
-5°	251.7	161.6	49.1	0.0
-7.5°	249.6	163.7	49.1	0.0
-10°	245.5	163.7	49.1	0.0
-12.5°	243.5	157.5	49.1	0.0
-15°	241.4	155.5	49.1	0.0
-17.5°	237.3	153.5	47.1	0.0
-20°	233.3	151.4	47.1	0.0



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 CATALOG NUMBER: IFLD-M-SA4A-760-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	229.2	147.3	47.1	0.0
-25°	225.1	143.2	45.0	0.0
-27.5°	221.0	139.1	45.0	0.0
-30°	214.8	135.0	43.0	0.0
-32.5°	208.7	131.0	43.0	0.0
-35°	204.6	124.8	40.9	0.0
-37.5°	198.5	118.7	40.9	0.0
-40°	192.3	112.5	38.9	0.0
-42.5°	186.2	106.4	36.8	0.0
-45°	178.0	100.3	36.8	0.0
-47.5°	171.9	94.1	34.8	0.0
-50°	161.6	85.9	32.7	0.0
-52.5°	149.4	77.8	30.7	0.0
-55°	137.1	71.6	28.6	0.0
-57.5°	124.8	63.4	28.6	0.0
-60°	112.5	55.2	26.6	0.0
-62.5°	100.3	51.2	24.6	0.0
-65°	88.0	47.1	22.5	0.0
-67.5°	73.7	40.9	20.5	0.0
-70°	61.4	36.8	18.4	0.0
-72.5°	53.2	32.7	16.4	0.0
-75°	45.0	28.6	14.3	0.0
-77.5°	38.9	24.6	12.3	0.0
-80°	30.7	18.4	8.2	0.0
-82.5°	22.5	14.3	6.1	0.0
-85°	14.3	10.2	4.1	0.0
-87.5°	8.2	4.1	2.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)