

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: P722135

Luminaire Tested: **IFLD-S-SA2C-760-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722135
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2C-760-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (32) 5700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

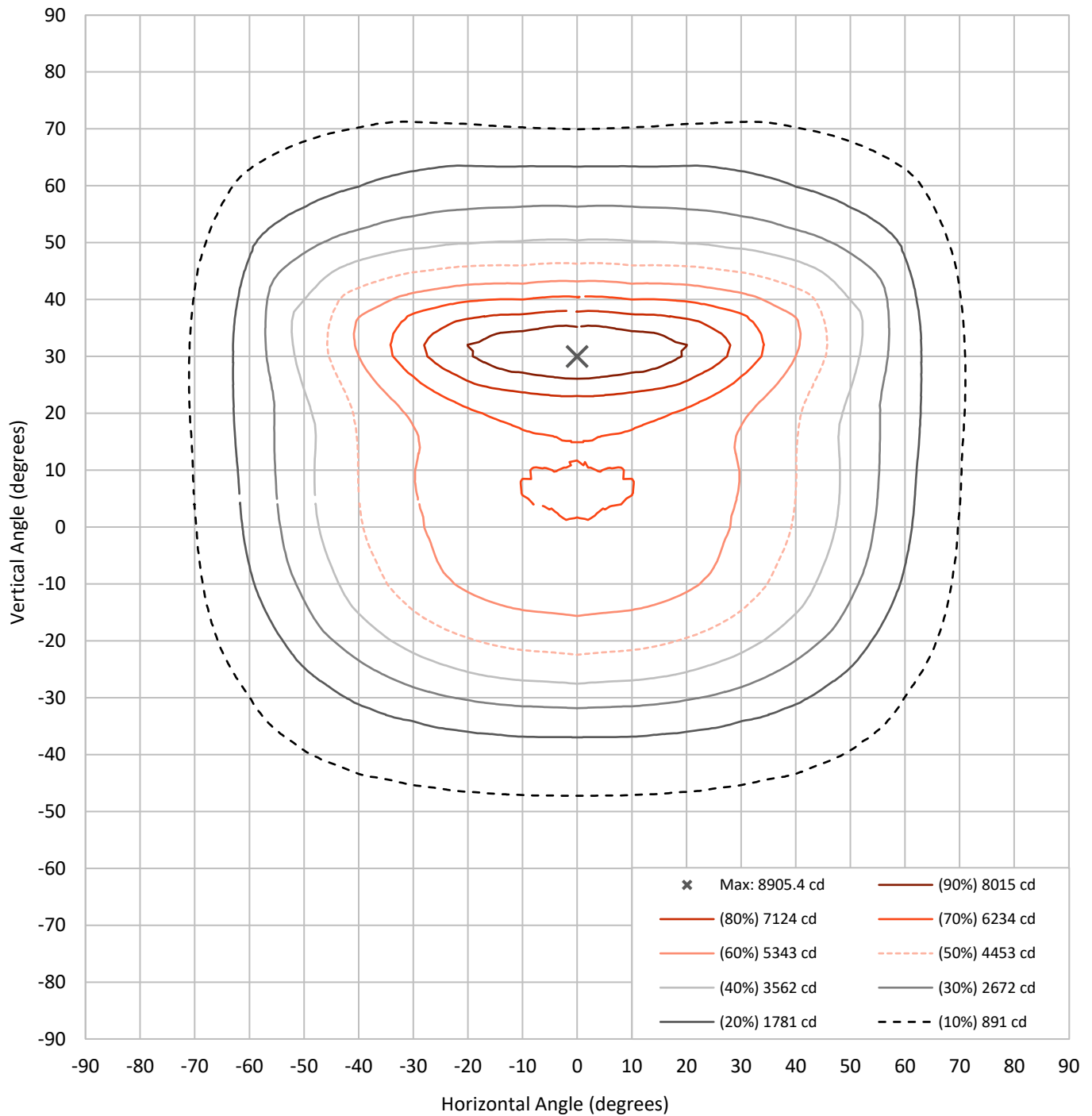
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	14865.3 lumens	Max Intensity:	8905.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	137.4 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	8644.3 lumens	Field Lumens:	13930.7 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 108.2
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



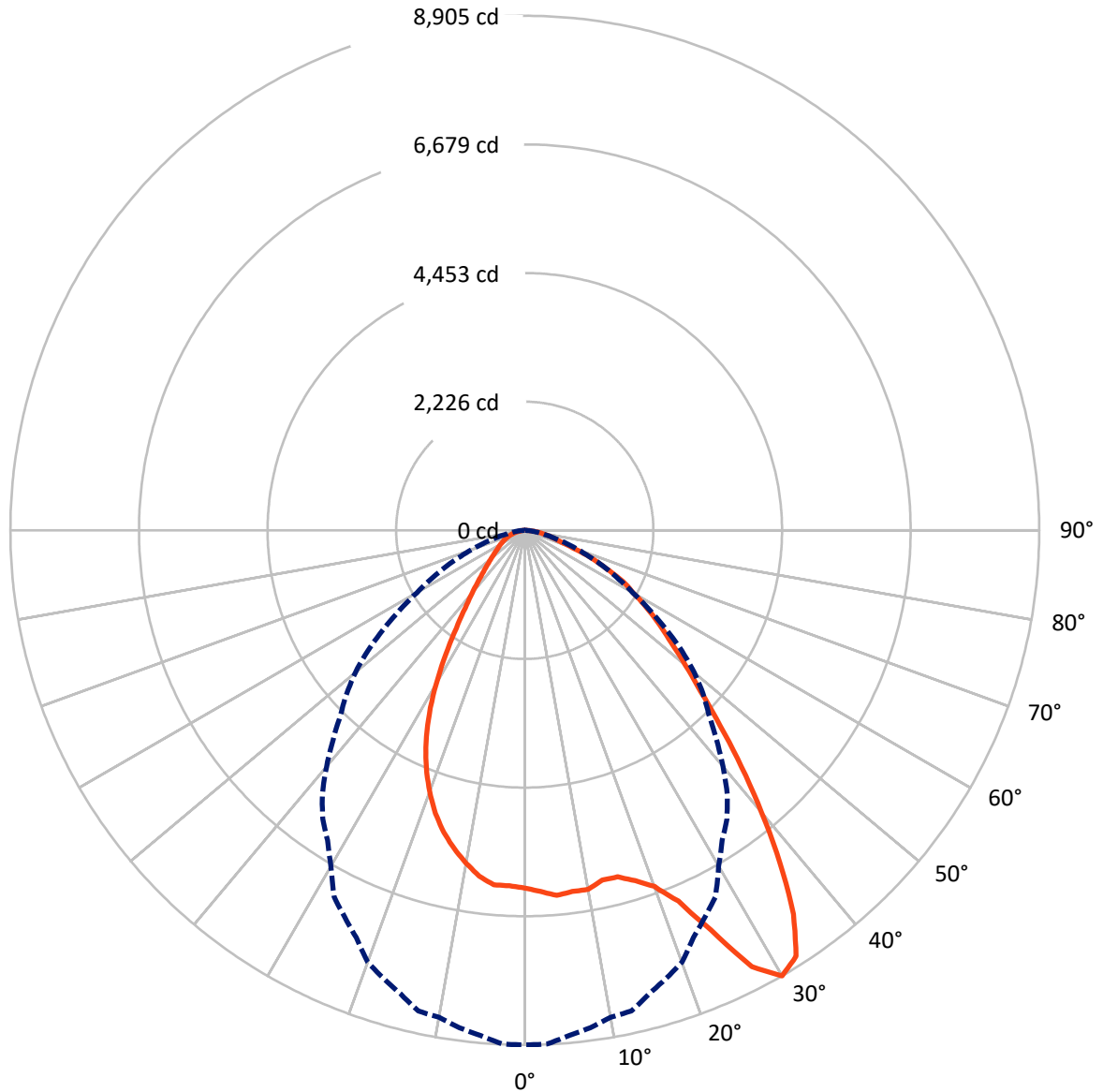
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Iso-Candela Plot



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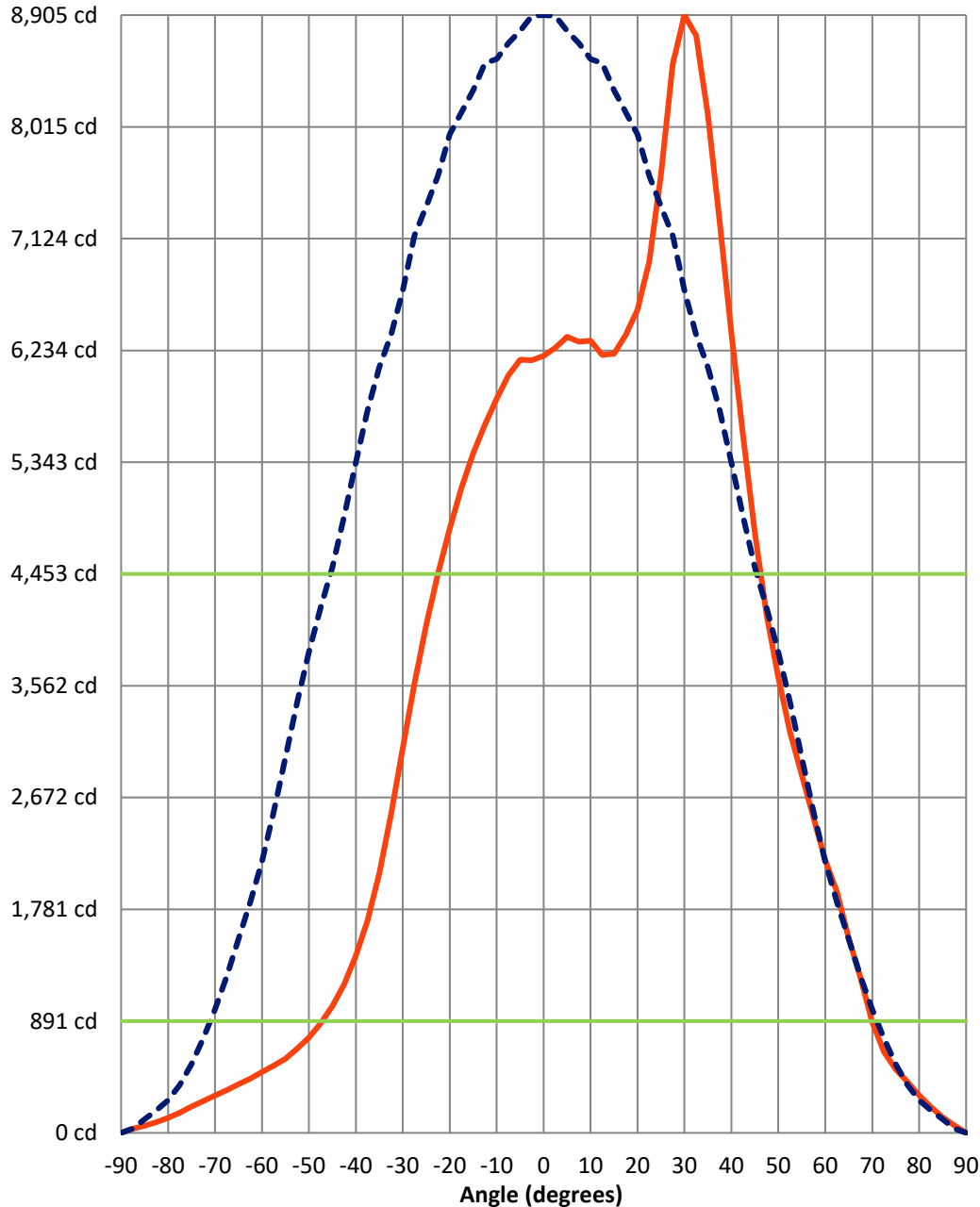
Luminous Intensity Polar Plot



— 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: 8644.3
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 13930.7
 Efficiency: 93.7%

Spill:
 Lumens: 934.6
 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°	59.8	61.4	63.0	63.0	61.4	61.4	61.4	59.8	61.4	61.4	61.4
85°	124.4	127.6	130.7	129.1	127.6	124.4	121.3	122.8	124.4	126.0	126.0
82.5°	206.3	211.0	214.2	212.6	209.4	206.3	203.1	204.7	207.9	209.4	209.4
80°	299.2	300.8	302.4	305.5	300.8	300.8	299.2	305.5	308.7	311.8	315.0
77.5°	406.3	407.9	407.9	409.4	411.0	412.6	412.6	423.6	431.5	436.2	440.9
75°	507.1	511.8	516.5	521.3	527.6	530.7	535.4	551.2	563.8	573.2	582.7
72.5°	645.7	652.0	659.8	670.9	681.9	689.8	700.8	719.7	733.8	743.3	754.3
70°	883.4	889.7	897.6	905.5	916.5	924.4	935.4	959.0	973.2	979.5	985.8
67.5°	1236.2	1251.9	1266.1	1250.4	1242.5	1231.5	1234.6	1256.7	1270.8	1280.3	1278.7
65°	1549.6	1560.6	1560.6	1559.0	1552.7	1538.6	1546.4	1573.2	1588.9	1596.8	1573.2
62.5°	1918.1	1918.1	1910.2	1922.8	1924.4	1914.9	1910.2	1911.8	1913.4	1918.1	1878.7
60°	2173.2	2188.9	2193.7	2204.7	2207.8	2207.8	2215.7	2222.0	2222.0	2212.6	2166.9
57.5°	2510.2	2540.1	2546.4	2538.5	2522.8	2502.3	2499.2	2489.7	2470.8	2451.9	2429.9
55°	2850.3	2866.1	2864.5	2859.8	2844.0	2820.4	2823.6	2811.0	2781.1	2757.4	2727.5
52.5°	3192.1	3229.9	3236.2	3226.7	3204.7	3179.5	3181.0	3166.9	3137.0	3111.8	3070.8
50°	3628.3	3659.8	3656.6	3640.9	3609.4	3590.5	3592.1	3565.3	3530.6	3522.8	3469.2
47.5°	4127.5	4163.7	4157.4	4135.4	4092.8	4085.0	4092.8	4058.2	4037.7	4020.4	3957.4
45°	4782.6	4825.1	4801.5	4759.0	4691.3	4699.1	4710.2	4703.9	4659.8	4614.1	4533.8
42.5°	5551.1	5577.9	5549.5	5507.0	5422.0	5437.7	5431.4	5393.6	5366.8	5291.2	5188.9
40°	6373.1	6431.4	6387.3	6321.2	6233.0	6256.6	6239.3	6190.4	6127.5	6033.0	5903.8
37.5°	7259.7	7305.4	7255.0	7177.8	7099.1	7091.2	7056.6	6981.0	6891.2	6787.3	6581.0
35°	8108.5	8226.6	8133.7	8010.9	7914.8	7878.6	7845.5	7670.7	7568.4	7399.9	7118.0
32.5°	8740.0	8826.6	8711.7	8584.1	8467.6	8417.2	8300.6	8092.8	8037.7	7683.3	7425.1
30°	8905.4	8899.1	8779.4	8681.7	8555.8	8521.1	8306.9	8130.6	7954.2	7626.6	7381.0
27.5°	8511.7	8472.3	8357.3	8272.3	8147.9	8107.0	7895.9	7801.4	7529.0	7251.8	7044.0
25°	7634.5	7655.0	7568.4	7525.9	7444.0	7355.8	7272.3	7144.8	6974.7	6732.2	6541.6
22.5°	6943.2	6970.0	6933.7	6883.3	6820.4	6771.5	6708.5	6609.3	6445.6	6296.0	6116.4
20°	6558.9	6551.1	6519.6	6481.8	6421.9	6387.3	6318.0	6234.5	6108.6	5979.4	5785.7
17.5°	6357.4	6308.6	6278.6	6264.5	6233.0	6188.9	6107.0	6021.9	5924.3	5777.9	5636.1
15°	6207.8	6215.6	6192.0	6181.0	6155.8	6094.4	6010.9	5941.6	5809.4	5735.3	5606.2
12.5°	6198.3	6190.4	6192.0	6187.3	6155.8	6077.1	6034.5	5946.4	5861.3	5763.7	5615.7
10°	6310.1	6226.7	6233.0	6255.0	6204.6	6141.6	6096.0	5999.9	5919.6	5795.2	5648.7
7.5°	6303.8	6261.3	6273.9	6237.7	6253.4	6176.3	6113.3	6017.2	5916.4	5784.2	5651.9
5°	6341.6	6277.1	6266.0	6269.2	6229.8	6171.5	6086.5	5995.2	5900.7	5752.7	5617.2
2.5°	6255.0	6264.5	6214.1	6195.2	6190.4	6092.8	6014.1	5925.9	5828.2	5697.5	5576.3
0°	6190.4	6207.8	6155.8	6129.0	6127.5	6044.0	5993.6	5892.8	5823.5	5714.9	5568.4
-2.5°	6155.8	6176.3	6182.6	6133.8	6086.5	6021.9	5936.9	5828.2	5714.9	5588.9	5462.9
-5°	6159.0	6118.0	6100.7	6116.4	6075.5	6010.9	5916.4	5820.4	5708.6	5573.1	5415.7
-7.5°	6034.5	5993.6	5990.5	5982.6	5973.1	5911.7	5833.0	5729.0	5615.7	5489.7	5343.2
-10°	5848.7	5818.8	5810.9	5803.1	5777.9	5741.6	5667.6	5573.1	5470.8	5344.8	5188.9
-12.5°	5642.4	5628.3	5598.3	5577.9	5552.7	5510.1	5439.3	5352.7	5250.3	5138.5	5004.6
-15°	5414.1	5387.3	5357.4	5340.1	5303.8	5253.5	5182.6	5102.3	4990.5	4880.2	4754.3
-17.5°	5138.5	5105.4	5072.4	5067.6	5042.4	4965.3	4899.1	4801.5	4703.9	4598.3	4475.5
-20°	4814.1	4768.4	4746.4	4733.8	4699.1	4642.4	4571.6	4481.8	4387.3	4286.5	4144.8



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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°	4455.0	4415.7	4377.9	4354.3	4324.3	4280.2	4212.5	4133.8	4040.9	3927.5	3796.8
-25°	4047.2	3992.1	3968.4	3941.7	3925.9	3885.0	3818.8	3746.4	3650.3	3540.1	3415.7
-27.5°	3581.0	3536.9	3524.4	3486.6	3467.7	3425.1	3370.0	3302.3	3214.1	3110.2	3007.8
-30°	3066.1	3039.3	3018.8	2981.1	2966.9	2921.2	2885.0	2828.3	2748.0	2674.0	2592.1
-32.5°	2537.0	2510.2	2503.9	2486.6	2477.1	2447.2	2406.3	2365.3	2300.7	2245.6	2179.5
-35°	2067.7	2048.8	2050.4	2048.8	2039.3	2017.3	1966.9	1955.9	1908.6	1858.2	1815.7
-37.5°	1692.9	1694.5	1692.9	1691.3	1678.7	1669.3	1633.0	1618.9	1590.5	1541.7	1516.5
-40°	1411.0	1414.1	1412.6	1409.4	1395.3	1390.5	1366.9	1348.0	1337.0	1302.3	1275.6
-42.5°	1182.7	1187.4	1185.8	1184.2	1174.8	1173.2	1160.6	1138.6	1132.3	1111.8	1083.4
-45°	1009.4	1007.9	1004.7	1007.9	1003.1	998.4	990.5	976.4	968.5	959.0	935.4
-47.5°	872.4	874.0	870.9	870.9	864.6	859.8	856.7	847.2	840.9	833.1	818.9
-50°	759.0	765.3	763.8	762.2	757.5	754.3	754.3	744.9	735.4	732.3	722.8
-52.5°	670.9	675.6	677.2	680.3	681.9	683.5	678.7	669.3	653.5	652.0	647.2
-55°	590.5	604.7	614.2	620.5	626.8	631.5	622.0	609.4	593.7	587.4	585.8
-57.5°	535.4	549.6	560.6	570.1	577.9	585.8	576.4	563.8	549.6	541.7	540.1
-60°	485.0	497.6	508.7	521.3	532.3	544.9	540.1	530.7	522.8	516.5	510.2
-62.5°	431.5	444.1	456.7	472.4	486.6	499.2	500.8	499.2	497.6	499.2	488.2
-65°	387.4	393.7	401.6	418.9	434.6	448.8	456.7	461.4	469.3	477.2	466.1
-67.5°	340.2	348.0	357.5	370.1	382.7	392.1	403.1	415.7	428.3	440.9	433.1
-70°	297.6	303.9	311.8	318.1	326.0	332.3	341.7	355.9	370.1	382.7	379.5
-72.5°	253.5	259.8	264.6	267.7	272.4	275.6	280.3	292.9	302.4	308.7	308.7
-75°	209.4	215.7	220.5	222.0	225.2	226.8	229.9	234.6	239.4	240.9	242.5
-77.5°	160.6	166.9	171.7	174.8	177.9	181.1	182.7	185.8	187.4	187.4	189.0
-80°	119.7	124.4	127.6	132.3	133.9	137.0	140.2	141.7	143.3	143.3	144.9
-82.5°	85.0	88.2	91.3	94.5	97.6	99.2	102.4	103.9	105.5	107.1	108.7
-85°	56.7	59.8	63.0	66.1	67.7	69.3	70.9	72.4	74.0	75.6	77.2
-87.5°	33.1	34.6	36.2	39.4	40.9	44.1	45.7	44.1	45.7	45.7	45.7
-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):

	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°	61.4	61.4	61.4	61.4	59.8	56.7	55.1	52.0	48.8	45.7	42.5
85°	127.6	129.1	129.1	129.1	126.0	124.4	119.7	115.0	108.7	99.2	91.3
82.5°	212.6	214.2	214.2	212.6	209.4	204.7	198.4	190.5	177.9	165.4	154.3
80°	319.7	321.3	321.3	319.7	311.8	303.9	296.1	286.6	270.9	253.5	234.6
77.5°	447.2	450.4	450.4	445.7	434.6	425.2	412.6	396.8	373.2	348.0	322.8
75°	595.3	603.1	604.7	600.0	585.8	568.5	548.0	521.3	485.0	453.5	423.6
72.5°	766.9	774.8	781.1	774.8	754.3	730.7	700.8	669.3	633.1	590.5	540.1
70°	992.1	1000.0	1004.7	984.2	948.0	908.6	872.4	836.2	793.7	741.7	686.6
67.5°	1275.6	1267.7	1258.2	1217.3	1171.6	1124.4	1074.0	1020.5	965.3	910.2	845.7
65°	1548.0	1526.0	1505.5	1456.7	1398.4	1337.0	1278.7	1218.9	1152.7	1083.4	1022.0
62.5°	1834.6	1787.4	1737.0	1677.1	1617.3	1549.6	1491.3	1420.4	1346.4	1261.4	1182.7
60°	2116.5	2059.8	2009.4	1935.4	1856.7	1765.3	1702.3	1633.0	1546.4	1455.1	1362.2
57.5°	2388.9	2327.5	2272.4	2207.8	2122.8	2023.6	1954.3	1864.5	1773.2	1658.2	1563.8
55°	2678.7	2617.3	2573.2	2500.7	2407.8	2316.5	2240.9	2146.4	2018.9	1896.0	1779.5
52.5°	3011.0	2962.2	2914.9	2840.9	2729.1	2636.2	2552.7	2447.2	2313.3	2162.2	2022.0
50°	3382.6	3357.4	3307.0	3220.4	3092.9	3011.0	2900.7	2760.6	2617.3	2458.2	2283.4
47.5°	3875.5	3834.6	3763.7	3669.2	3562.1	3439.3	3291.3	3127.5	2924.4	2748.0	2562.2
45°	4464.5	4388.9	4297.6	4170.0	4037.7	3899.1	3736.9	3529.1	3256.6	3026.7	2831.4
42.5°	5102.3	4999.9	4875.5	4708.6	4536.9	4366.9	4192.1	3908.6	3568.4	3303.9	3083.4
40°	5768.4	5637.7	5481.8	5239.3	5048.7	4829.8	4629.8	4206.2	3844.0	3557.4	3322.8
37.5°	6420.4	6255.0	5993.6	5699.1	5477.1	5297.5	4858.2	4404.7	4080.2	3765.3	3527.5
35°	6919.6	6779.4	6318.0	6012.5	5821.9	5538.5	4988.9	4524.3	4181.0	3919.6	3549.5
32.5°	7215.6	6853.4	6448.7	6140.1	5982.6	5518.0	4998.3	4559.0	4228.3	3935.4	3492.9
30°	7149.5	6711.7	6357.4	6099.1	5757.4	5340.1	4910.2	4505.4	4184.2	3829.9	3429.9
27.5°	6751.1	6412.5	6096.0	5826.7	5491.2	5116.4	4719.6	4363.7	4064.5	3721.2	3343.3
25°	6300.7	5993.6	5759.0	5524.3	5206.2	4848.7	4499.1	4242.4	3941.7	3603.1	3229.9
22.5°	5886.5	5666.0	5481.8	5236.1	4925.9	4614.1	4396.8	4130.6	3822.0	3478.7	3113.3
20°	5622.0	5472.3	5261.3	4990.5	4746.4	4551.1	4310.2	4028.3	3710.2	3351.1	3014.1
17.5°	5494.4	5321.2	5086.5	4910.2	4722.8	4508.6	4239.3	3940.1	3601.5	3292.9	3025.1
15°	5428.3	5245.6	5091.3	4918.0	4707.0	4481.8	4182.6	3872.4	3601.5	3316.5	3033.0
12.5°	5442.4	5285.0	5116.4	4927.5	4700.7	4459.8	4188.9	3900.7	3620.4	3333.8	3034.6
10°	5486.5	5321.2	5141.6	4932.2	4703.9	4466.1	4206.2	3918.0	3629.9	3341.7	3031.4
7.5°	5502.3	5322.7	5130.6	4919.6	4696.0	4462.9	4209.4	3922.8	3631.4	3340.1	3022.0
5°	5453.5	5291.2	5105.4	4892.8	4673.9	4447.2	4196.8	3916.5	3618.8	3324.4	2998.4
2.5°	5387.3	5256.6	5078.7	4873.9	4651.9	4425.1	4176.3	3888.1	3590.5	3296.0	2968.5
0°	5376.3	5214.1	5034.6	4851.9	4615.7	4376.3	4129.1	3834.6	3538.5	3242.5	2916.5
-2.5°	5303.8	5132.2	4952.7	4754.3	4546.4	4305.4	4045.6	3757.4	3464.5	3173.2	2859.8
-5°	5248.7	5058.2	4867.6	4653.5	4444.0	4203.1	3933.8	3653.5	3366.9	3083.4	2781.1
-7.5°	5174.7	4979.4	4779.4	4555.8	4329.1	4083.4	3817.3	3536.9	3255.1	2973.2	2683.4
-10°	5025.1	4853.5	4666.1	4434.6	4195.2	3949.5	3685.0	3409.4	3127.5	2842.5	2551.1
-12.5°	4844.0	4662.9	4458.2	4245.6	4031.4	3803.1	3538.5	3267.7	2984.2	2697.6	2407.8
-15°	4609.4	4431.4	4222.0	4014.1	3807.8	3588.9	3355.8	3111.8	2823.6	2541.7	2251.9
-17.5°	4316.5	4149.5	3962.1	3763.7	3559.0	3338.5	3111.8	2905.5	2636.2	2371.6	2085.0
-20°	4001.5	3845.6	3677.1	3489.7	3285.0	3069.2	2855.1	2639.3	2406.3	2173.2	1907.1



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	3674.0	3516.5	3346.4	3171.6	2982.6	2782.6	2584.2	2377.9	2173.2	1962.2	1737.0
-25°	3296.0	3157.4	3001.5	2831.4	2662.9	2488.1	2299.2	2111.8	1937.0	1754.3	1570.1
-27.5°	2900.7	2773.2	2631.5	2483.4	2338.5	2192.1	2028.3	1855.1	1710.2	1559.0	1406.3
-30°	2485.0	2382.6	2267.7	2138.5	2026.7	1908.6	1771.6	1628.3	1496.0	1381.1	1258.2
-32.5°	2091.3	2004.7	1922.8	1837.8	1727.5	1636.2	1541.7	1436.2	1319.7	1211.0	1122.8
-35°	1752.7	1659.8	1625.2	1562.2	1483.4	1403.1	1333.8	1258.2	1170.1	1074.0	1001.6
-37.5°	1467.7	1412.6	1363.8	1329.1	1277.1	1212.6	1157.5	1102.3	1034.6	962.2	889.7
-40°	1245.6	1207.9	1154.3	1137.0	1103.9	1059.8	1003.1	960.6	914.9	859.8	798.4
-42.5°	1067.7	1039.4	1004.7	974.8	960.6	929.1	885.0	844.1	807.9	770.1	722.8
-45°	921.2	902.3	880.3	853.5	842.5	817.3	785.8	740.1	719.7	688.2	653.5
-47.5°	803.1	793.7	777.9	760.6	744.9	726.0	697.6	669.3	640.9	620.5	593.7
-50°	710.2	703.9	694.5	680.3	659.8	647.2	628.3	603.1	576.4	559.0	540.1
-52.5°	636.2	629.9	623.6	612.6	596.8	584.2	568.5	548.0	526.0	508.7	492.9
-55°	579.5	570.1	565.3	555.9	543.3	529.1	515.0	500.8	481.9	466.1	450.4
-57.5°	535.4	522.8	516.5	508.7	496.1	481.9	470.9	456.7	444.1	426.8	412.6
-60°	500.8	486.6	474.0	466.1	455.1	440.9	429.9	418.9	406.3	392.1	374.8
-62.5°	472.4	455.1	437.8	428.3	417.3	404.7	393.7	382.7	370.1	355.9	340.2
-65°	445.7	425.2	403.1	393.7	382.7	370.1	355.9	348.0	337.0	324.4	308.7
-67.5°	412.6	390.5	371.6	360.6	349.6	338.6	326.0	318.1	307.1	291.3	275.6
-70°	363.8	349.6	337.0	327.6	318.1	308.7	296.1	283.5	270.9	256.7	242.5
-72.5°	302.4	297.6	296.1	291.3	280.3	269.3	256.7	244.1	233.1	222.0	211.0
-75°	244.1	247.2	250.4	248.8	237.8	226.8	215.7	204.7	196.8	187.4	177.9
-77.5°	193.7	196.8	200.0	200.0	192.1	185.8	177.9	170.1	163.8	155.9	146.5
-80°	149.6	154.3	159.1	162.2	155.9	151.2	144.9	138.6	132.3	126.0	119.7
-82.5°	113.4	118.1	122.8	126.0	121.3	118.1	113.4	108.7	103.9	97.6	92.9
-85°	81.9	85.0	88.2	89.8	86.6	83.5	80.3	77.2	74.0	69.3	66.1
-87.5°	47.2	48.8	50.4	52.0	48.8	45.7	44.1	40.9	39.4	36.2	34.6
-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°	39.4	36.2	33.1	31.5	28.3	23.6	20.5	17.3	14.2	11.0	9.4
85°	83.5	75.6	66.1	61.4	55.1	48.8	42.5	36.2	29.9	23.6	17.3
82.5°	143.3	133.9	124.4	113.4	99.2	81.9	64.6	53.5	44.1	34.6	26.8
80°	215.7	198.4	182.7	168.5	152.8	130.7	107.1	85.0	59.8	45.7	34.6
77.5°	299.2	278.7	256.7	233.1	207.9	177.9	151.2	122.8	92.9	63.0	44.1
75°	393.7	366.9	337.0	303.9	270.9	231.5	193.7	160.6	126.0	88.2	53.5
72.5°	499.2	466.1	429.9	385.8	333.9	288.2	242.5	198.4	157.5	111.8	72.4
70°	634.6	582.7	529.1	481.9	415.7	343.3	289.8	239.4	187.4	137.0	91.3
67.5°	779.5	716.5	652.0	582.7	499.2	414.2	337.0	280.3	218.9	160.6	108.7
65°	937.0	858.3	776.4	699.2	584.2	483.5	396.8	319.7	248.8	182.7	126.0
62.5°	1099.2	1006.3	911.8	811.0	678.7	554.3	453.5	363.8	277.2	203.1	141.7
60°	1272.4	1163.8	1048.8	922.8	768.5	631.5	507.1	409.4	307.1	223.6	159.1
57.5°	1455.1	1337.0	1201.6	1031.5	861.4	705.5	568.5	450.4	333.9	242.5	171.7
55°	1653.5	1518.1	1370.1	1144.9	952.7	779.5	629.9	491.3	362.2	258.3	184.2
52.5°	1867.7	1710.2	1522.8	1264.5	1048.8	855.1	686.6	527.6	389.0	275.6	195.3
50°	2107.1	1908.6	1656.7	1374.8	1132.3	926.0	743.3	566.9	411.0	294.5	204.7
47.5°	2355.9	2141.7	1776.3	1477.1	1217.3	995.3	801.6	601.6	433.1	310.2	214.2
45°	2615.7	2303.9	1900.8	1568.5	1291.3	1058.2	845.7	633.1	459.8	324.4	222.0
42.5°	2872.4	2426.7	2009.4	1659.8	1360.6	1114.9	881.9	663.0	481.9	338.6	229.9
40°	2993.7	2519.6	2096.0	1722.8	1418.9	1165.3	913.4	689.8	500.8	348.0	237.8
37.5°	3044.0	2576.3	2152.7	1782.6	1464.5	1192.1	940.1	713.4	516.5	357.5	244.1
35°	3055.1	2596.8	2181.1	1823.6	1502.3	1217.3	960.6	730.7	529.1	366.9	250.4
32.5°	3034.6	2590.5	2188.9	1837.8	1526.0	1236.2	974.8	743.3	538.6	376.4	256.7
30°	2988.9	2557.4	2160.6	1836.2	1543.3	1247.2	984.2	752.7	548.0	382.7	259.8
27.5°	2914.9	2499.2	2124.4	1837.8	1552.7	1251.9	989.0	757.5	554.3	387.4	266.1
25°	2823.6	2420.4	2125.9	1834.6	1554.3	1253.5	989.0	757.5	555.9	389.0	270.9
22.5°	2718.1	2420.4	2125.9	1829.9	1544.9	1250.4	984.2	754.3	555.9	392.1	275.6
20°	2724.4	2422.0	2121.2	1820.4	1530.7	1240.9	973.2	746.4	551.2	396.8	278.7
17.5°	2729.1	2418.9	2111.8	1807.8	1511.8	1225.2	959.0	735.4	551.2	401.6	280.3
15°	2729.1	2409.4	2097.6	1788.9	1488.2	1203.1	938.6	726.0	552.7	403.1	283.5
12.5°	2724.4	2392.1	2075.6	1763.7	1459.8	1176.4	926.0	722.8	552.7	404.7	283.5
10°	2714.9	2368.5	2047.2	1732.3	1433.0	1166.9	919.7	716.5	549.6	404.7	283.5
7.5°	2697.6	2340.1	2023.6	1713.4	1417.3	1155.9	910.2	707.1	544.9	401.6	286.6
5°	2670.8	2324.4	2004.7	1691.3	1395.3	1148.0	903.9	699.2	541.7	401.6	283.5
2.5°	2636.2	2305.5	1982.6	1663.0	1370.1	1121.2	883.4	681.9	530.7	395.3	280.3
0°	2579.5	2267.7	1944.8	1623.6	1335.4	1094.5	863.0	664.6	519.7	389.0	277.2
-2.5°	2527.5	2217.3	1896.0	1582.7	1302.3	1070.8	847.2	655.1	515.0	387.4	275.6
-5°	2455.1	2148.0	1831.5	1529.1	1258.2	1047.2	831.5	644.1	510.2	384.2	275.6
-7.5°	2374.8	2075.6	1763.7	1474.0	1214.2	1006.3	801.6	626.8	499.2	377.9	274.0
-10°	2250.4	1966.9	1678.7	1411.0	1166.9	970.1	776.4	611.0	489.8	371.6	267.7
-12.5°	2118.1	1847.2	1581.1	1333.8	1113.4	932.3	748.0	593.7	478.7	365.3	264.6
-15°	1977.9	1724.4	1478.7	1253.5	1055.1	886.6	718.1	574.8	467.7	357.5	259.8
-17.5°	1831.5	1595.2	1373.2	1171.6	996.8	839.4	686.6	557.5	455.1	349.6	255.1
-20°	1677.1	1463.0	1266.1	1088.2	935.4	792.1	653.5	537.0	440.9	340.2	248.8



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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°	1524.4	1332.3	1155.9	1006.3	872.4	743.3	620.5	516.5	425.2	329.1	244.1
-25°	1389.0	1209.4	1058.2	927.5	811.0	696.1	585.8	496.1	407.9	318.1	237.8
-27.5°	1256.7	1103.9	962.2	853.5	751.2	650.4	552.7	474.0	390.5	305.5	231.5
-30°	1133.8	1003.1	886.6	781.1	694.5	609.4	524.4	452.0	371.6	292.9	223.6
-32.5°	1022.0	916.5	818.9	718.1	640.9	568.5	497.6	429.9	352.7	280.3	215.7
-35°	918.1	836.2	751.2	666.1	587.4	530.7	469.3	406.3	335.4	266.1	207.9
-37.5°	825.2	759.0	691.3	618.9	551.2	494.5	442.5	382.7	318.1	253.5	200.0
-40°	744.9	691.3	631.5	573.2	516.5	463.0	415.7	359.0	300.8	244.1	192.1
-42.5°	670.9	629.9	581.1	532.3	481.9	434.6	389.0	333.9	283.5	233.1	184.2
-45°	614.2	573.2	533.8	489.8	447.2	406.3	360.6	311.8	267.7	220.5	176.4
-47.5°	560.6	524.4	488.2	452.0	417.3	379.5	333.9	292.9	250.4	209.4	170.1
-50°	513.4	478.7	447.2	415.7	385.8	349.6	307.1	274.0	236.2	198.4	162.2
-52.5°	469.3	439.4	407.9	382.7	357.5	321.3	286.6	255.1	222.0	185.8	154.3
-55°	429.9	401.6	373.2	349.6	326.0	294.5	266.1	239.4	207.9	176.4	146.5
-57.5°	392.1	368.5	341.7	319.7	296.1	270.9	247.2	222.0	193.7	166.9	138.6
-60°	357.5	335.4	311.8	289.8	269.3	248.8	226.8	206.3	181.1	155.9	130.7
-62.5°	322.8	303.9	283.5	261.4	245.7	226.8	209.4	189.0	168.5	146.5	116.5
-65°	291.3	274.0	255.1	236.2	222.0	207.9	192.1	173.2	155.9	135.4	103.9
-67.5°	259.8	244.1	228.3	212.6	200.0	189.0	173.2	159.1	144.9	122.8	91.3
-70°	229.9	217.3	203.1	190.5	181.1	168.5	157.5	144.9	132.3	107.1	77.2
-72.5°	201.6	189.0	177.9	168.5	160.6	149.6	140.2	130.7	113.4	89.8	64.6
-75°	168.5	160.6	154.3	146.5	138.6	130.7	122.8	111.8	94.5	72.4	50.4
-77.5°	138.6	133.9	129.1	122.8	116.5	110.2	100.8	89.8	75.6	56.7	40.9
-80°	113.4	108.7	105.5	99.2	94.5	88.2	78.7	69.3	55.1	44.1	33.1
-82.5°	86.6	83.5	80.3	77.2	72.4	66.1	56.7	48.8	40.9	33.1	25.2
-85°	61.4	59.8	56.7	53.5	48.8	44.1	37.8	33.1	28.3	22.0	17.3
-87.5°	31.5	29.9	28.3	26.8	25.2	22.0	18.9	15.7	14.2	11.0	7.9
-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°	6.3	4.7	1.6	0.0
85°	12.6	7.9	3.1	0.0
82.5°	18.9	12.6	4.7	0.0
80°	25.2	15.7	7.9	0.0
77.5°	31.5	18.9	9.4	0.0
75°	37.8	23.6	11.0	0.0
72.5°	42.5	26.8	12.6	0.0
70°	50.4	31.5	14.2	0.0
67.5°	63.0	34.6	15.7	0.0
65°	74.0	37.8	17.3	0.0
62.5°	86.6	40.9	18.9	0.0
60°	97.6	44.1	20.5	0.0
57.5°	108.7	52.0	22.0	0.0
55°	118.1	58.3	23.6	0.0
52.5°	129.1	64.6	25.2	0.0
50°	138.6	70.9	26.8	0.0
47.5°	146.5	77.2	26.8	0.0
45°	152.8	81.9	28.3	0.0
42.5°	157.5	86.6	29.9	0.0
40°	162.2	91.3	31.5	0.0
37.5°	166.9	96.1	31.5	0.0
35°	171.7	100.8	33.1	0.0
32.5°	176.4	105.5	33.1	0.0
30°	179.5	108.7	34.6	0.0
27.5°	184.2	111.8	34.6	0.0
25°	185.8	115.0	36.2	0.0
22.5°	189.0	116.5	36.2	0.0
20°	192.1	119.7	36.2	0.0
17.5°	193.7	121.3	37.8	0.0
15°	193.7	122.8	39.4	0.0
12.5°	195.3	124.4	39.4	0.0
10°	195.3	127.6	37.8	0.0
7.5°	198.4	126.0	37.8	0.0
5°	196.8	126.0	37.8	0.0
2.5°	195.3	124.4	37.8	0.0
0°	193.7	124.4	37.8	0.0
-2.5°	193.7	124.4	37.8	0.0
-5°	193.7	124.4	37.8	0.0
-7.5°	192.1	126.0	37.8	0.0
-10°	189.0	126.0	37.8	0.0
-12.5°	187.4	121.3	37.8	0.0
-15°	185.8	119.7	37.8	0.0
-17.5°	182.7	118.1	36.2	0.0
-20°	179.5	116.5	36.2	0.0



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 CATALOG NUMBER: IFLD-S-SA2C-760-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	176.4	113.4	36.2	0.0
-25°	173.2	110.2	34.6	0.0
-27.5°	170.1	107.1	34.6	0.0
-30°	165.4	103.9	33.1	0.0
-32.5°	160.6	100.8	33.1	0.0
-35°	157.5	96.1	31.5	0.0
-37.5°	152.8	91.3	31.5	0.0
-40°	148.0	86.6	29.9	0.0
-42.5°	143.3	81.9	28.3	0.0
-45°	137.0	77.2	28.3	0.0
-47.5°	132.3	72.4	26.8	0.0
-50°	124.4	66.1	25.2	0.0
-52.5°	115.0	59.8	23.6	0.0
-55°	105.5	55.1	22.0	0.0
-57.5°	96.1	48.8	22.0	0.0
-60°	86.6	42.5	20.5	0.0
-62.5°	77.2	39.4	18.9	0.0
-65°	67.7	36.2	17.3	0.0
-67.5°	56.7	31.5	15.7	0.0
-70°	47.2	28.3	14.2	0.0
-72.5°	40.9	25.2	12.6	0.0
-75°	34.6	22.0	11.0	0.0
-77.5°	29.9	18.9	9.4	0.0
-80°	23.6	14.2	6.3	0.0
-82.5°	17.3	11.0	4.7	0.0
-85°	11.0	7.9	3.1	0.0
-87.5°	6.3	3.1	1.6	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)