

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: P722427

Luminaire Tested: **IFLD-S-SA2E-730-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722427
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2E-730-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

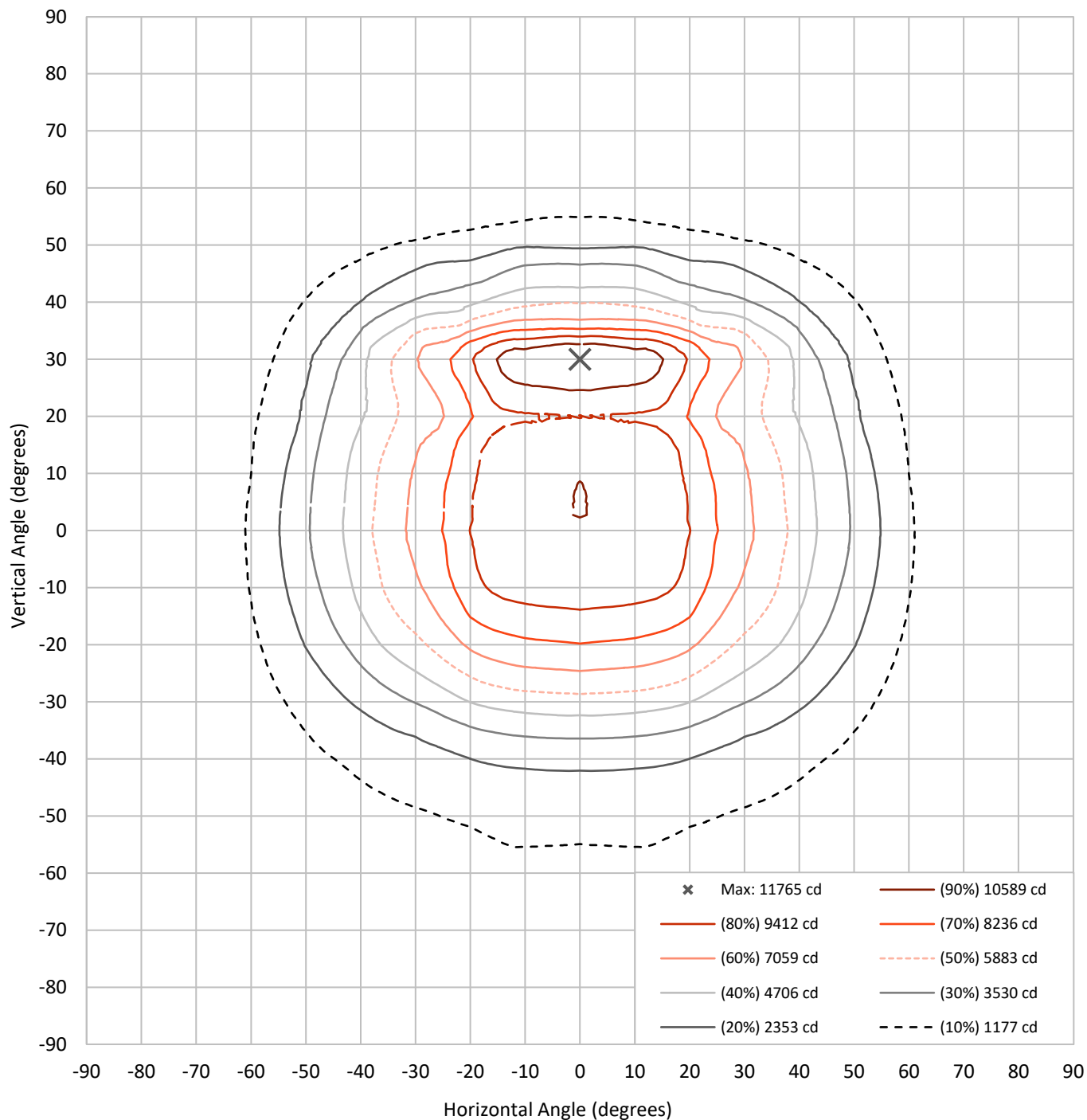
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	16852.6 lumens	Max Intensity:	11765 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	107.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	10751.2 lumens	Field Lumens:	15888.2 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	156.2		
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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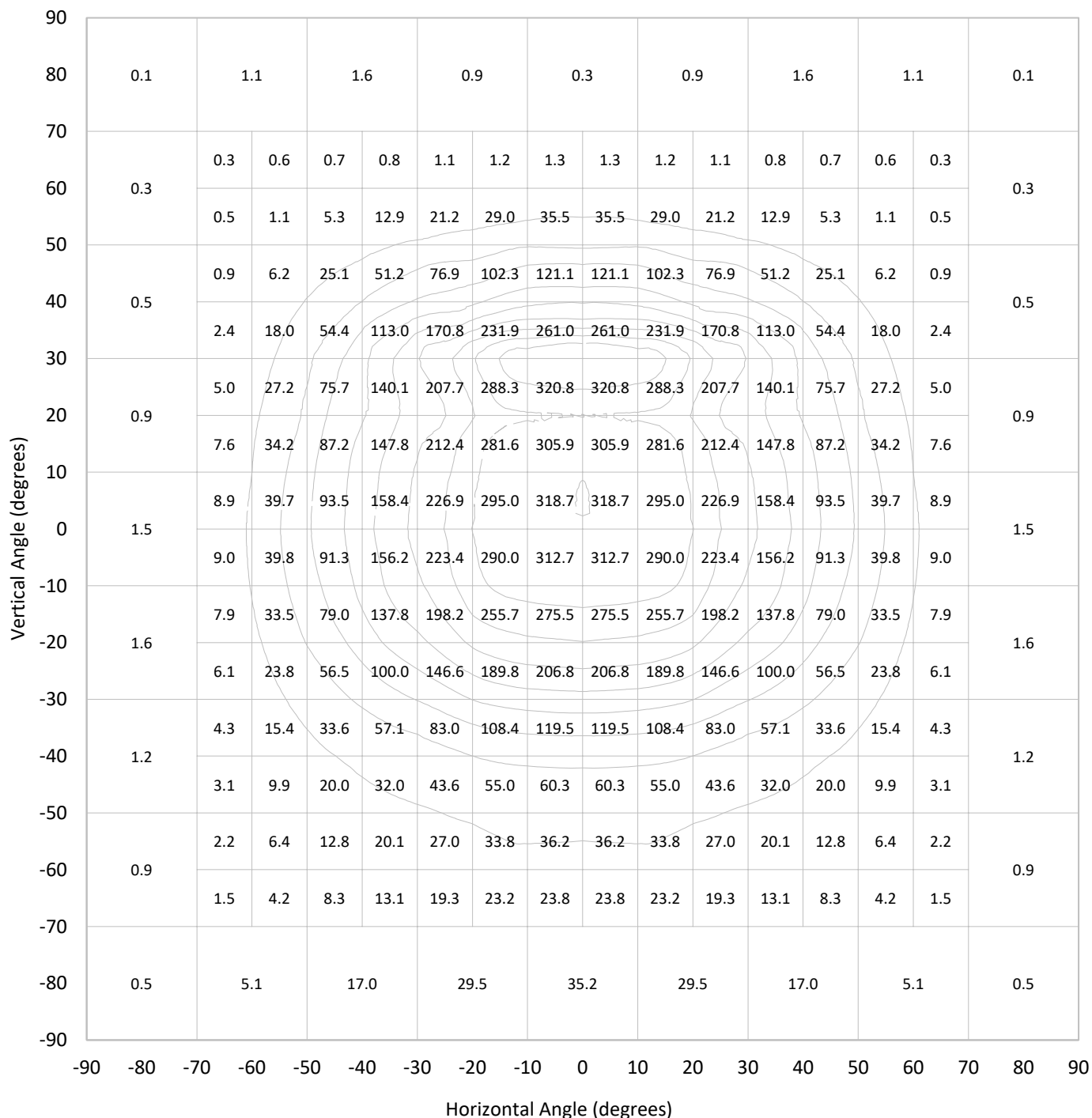
Iso-Candela Plot



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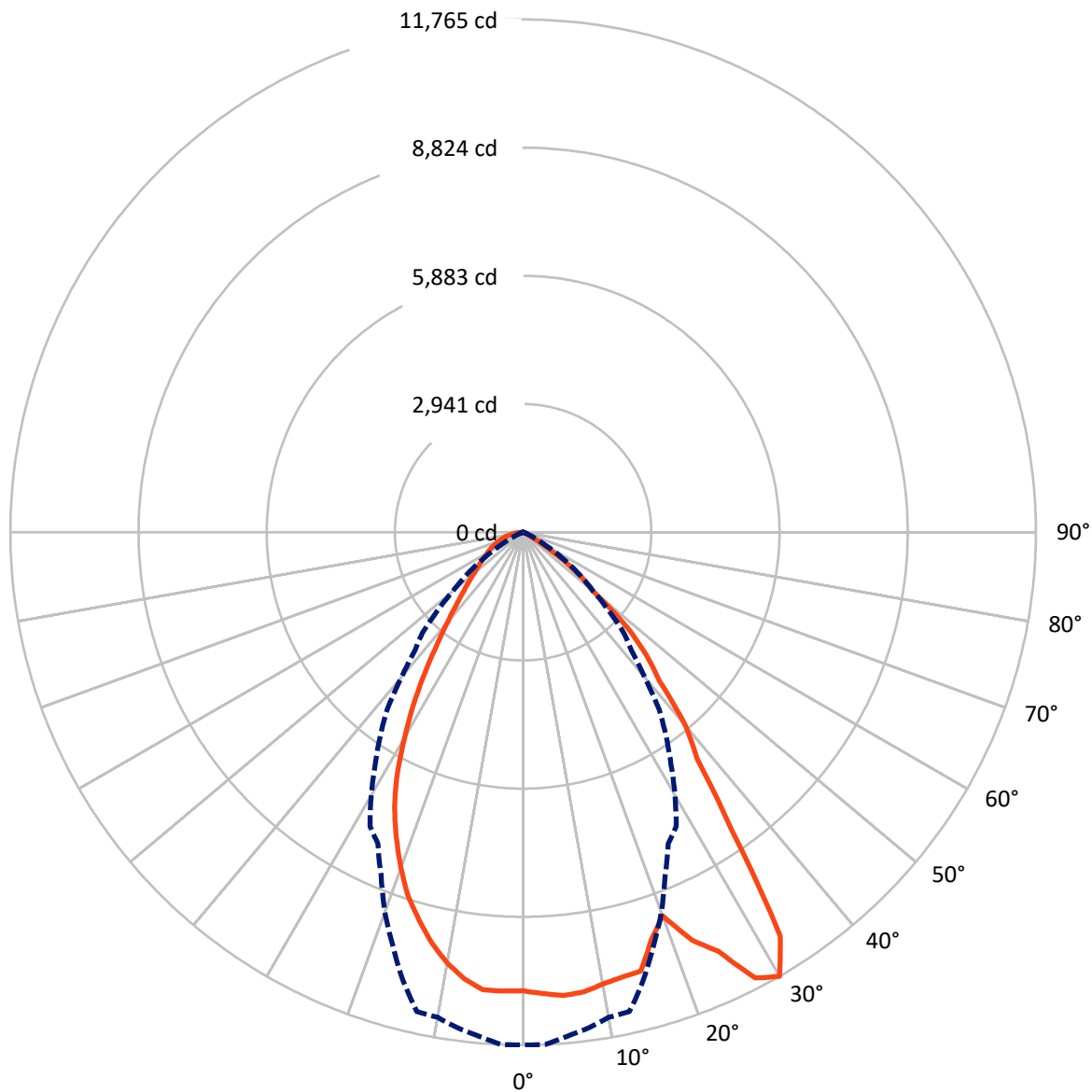
Lumen Table



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Luminous Intensity Polar Plot

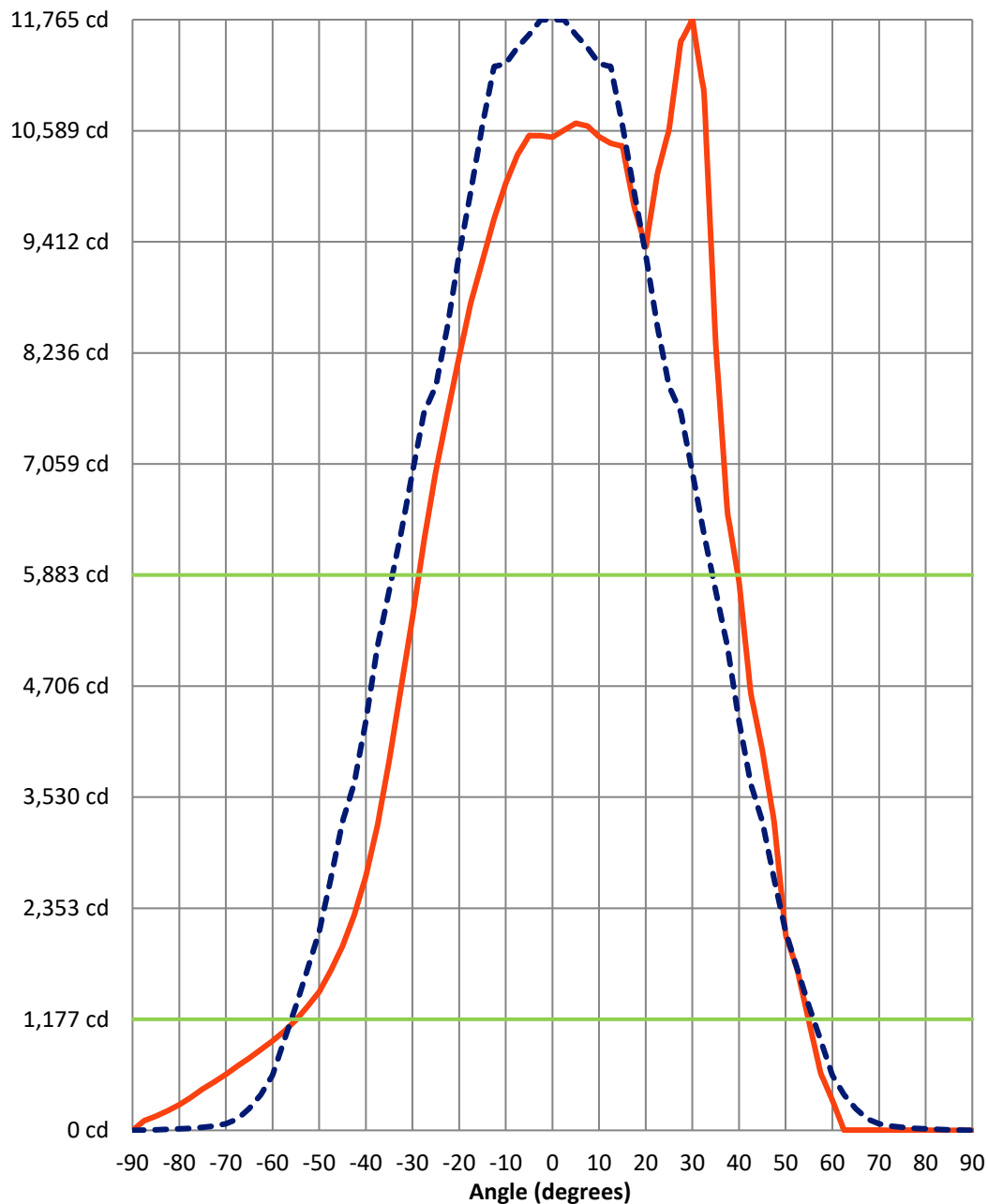


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 10751.2

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 15888.2

Efficiency: 94.3%

Spill:

Lumens: 964.4

Efficiency: 5.7%

— 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°	0.0	0.0	0.0	0.0	2.7	2.7	2.7	2.7	2.7	2.7	2.7
85°	0.0	2.7	2.7	2.7	5.4	5.4	5.4	5.4	5.4	5.4	8.0
82.5°	0.0	2.7	2.7	2.7	5.4	5.4	5.4	5.4	8.0	8.0	10.7
80°	2.7	2.7	2.7	2.7	5.4	5.4	5.4	8.0	8.0	10.7	10.7
77.5°	2.7	2.7	2.7	5.4	5.4	5.4	8.0	8.0	10.7	10.7	13.4
75°	2.7	2.7	2.7	5.4	5.4	8.0	8.0	8.0	10.7	10.7	13.4
72.5°	0.0	2.7	2.7	5.4	5.4	8.0	8.0	8.0	10.7	10.7	10.7
70°	2.7	2.7	2.7	5.4	5.4	8.0	8.0	8.0	10.7	10.7	10.7
67.5°	2.7	2.7	2.7	5.4	5.4	8.0	8.0	10.7	10.7	10.7	13.4
65°	2.7	2.7	2.7	5.4	8.0	8.0	10.7	13.4	13.4	16.1	18.8
62.5°	2.7	5.4	5.4	8.0	10.7	13.4	29.5	45.6	45.6	32.2	26.8
60°	319.3	346.1	343.4	311.2	271.0	228.1	220.0	212.0	195.9	171.7	179.8
57.5°	606.4	638.6	652.0	643.9	622.5	584.9	563.4	539.3	507.1	469.5	426.6
55°	1148.3	1161.7	1132.2	1075.9	1014.2	952.5	931.0	898.8	850.5	802.2	737.8
52.5°	1698.3	1744.0	1730.5	1674.2	1591.0	1481.0	1360.3	1266.4	1210.0	1156.4	1092.0
50°	2074.0	2092.7	2130.3	2197.4	2221.5	2146.4	1950.5	1698.3	1518.6	1609.8	1540.0
47.5°	3273.3	3367.2	3348.4	3300.1	3219.6	3015.7	2742.0	2516.7	2328.8	2267.1	2277.9
45°	4021.8	4059.4	4046.0	4024.5	3986.9	3796.5	3493.3	3147.2	2972.8	2903.0	2830.6
42.5°	4636.2	4676.5	4684.5	4687.2	4647.0	4472.6	4198.9	3852.8	3678.4	3477.2	3318.9
40°	5808.7	5867.7	5800.7	5712.1	5578.0	5379.4	5111.1	4791.8	4483.3	4236.5	4048.7
37.5°	6557.3	6629.7	6656.5	6651.2	6621.7	6535.8	6205.8	5902.6	5430.4	4877.7	4977.0
35°	8333.4	8408.5	8387.1	8306.6	8263.7	8172.4	7850.5	7491.0	6898.0	6297.0	6136.0
32.5°	10981.5	11145.2	10839.3	10504.0	10297.4	10369.8	10042.5	9162.5	8888.8	7804.9	7303.1
30°	11765.0	11762.3	11606.7	11469.9	11300.8	11265.9	10648.9	9945.9	9275.2	8515.9	7882.7
27.5°	11526.2	11477.9	11346.4	11247.2	11088.9	11005.7	10402.0	9844.0	9068.6	8389.8	7778.0
25°	10605.9	10643.5	10509.3	10490.6	10428.8	10267.9	9967.4	9339.5	8647.3	7896.1	7456.1
22.5°	10131.0	10117.6	9956.6	9862.7	9937.9	9766.1	9645.4	9012.2	8290.5	7657.3	7128.7
20°	9358.3	9361.0	9320.8	9312.7	9267.1	9189.3	9092.7	8644.6	8134.9	7592.9	6957.0
17.5°	9790.3	9900.3	9948.6	9548.8	9661.5	9573.0	9471.0	8845.9	8462.2	7981.9	7152.9
15°	10423.5	10383.2	10334.9	10313.5	10251.8	10168.6	9983.5	9484.4	8824.4	8328.1	7681.4
12.5°	10455.7	10377.9	10359.1	10356.4	10292.0	10176.6	9996.9	9583.7	8998.8	8395.1	7869.3
10°	10525.4	10444.9	10434.2	10447.6	10348.4	10275.9	10096.2	9712.5	9052.5	8510.5	8014.1
7.5°	10638.1	10504.0	10565.7	10525.4	10479.8	10364.5	10171.3	9795.7	9248.3	8663.4	8142.9
5°	10667.6	10520.1	10587.1	10549.6	10482.5	10369.8	10160.5	9849.3	9369.1	8725.1	8193.9
2.5°	10595.2	10552.3	10522.8	10453.0	10423.5	10300.1	10101.5	9768.8	9312.7	8698.3	8183.2
0°	10520.1	10557.6	10490.6	10420.8	10407.4	10308.1	10139.1	9838.6	9444.2	8773.4	8274.4
-2.5°	10536.2	10506.7	10461.0	10388.6	10318.8	10176.6	10023.7	9742.0	9318.1	8609.8	8145.6
-5°	10536.2	10399.3	10404.7	10407.4	10337.6	10190.1	10004.9	9766.1	9243.0	8607.1	8108.0
-7.5°	10332.3	10214.2	10195.4	10179.3	10160.5	10023.7	9878.8	9581.0	9116.9	8537.3	8003.4
-10°	10031.8	9916.4	9927.1	9903.0	9844.0	9752.7	9642.7	9374.4	8993.4	8317.3	7791.5
-12.5°	9656.1	9605.2	9575.7	9535.4	9476.4	9395.9	9283.2	9031.0	8623.2	8046.3	7547.3
-15°	9210.8	9173.2	9146.4	9122.2	9036.4	8953.2	8805.6	8572.2	8317.3	7697.5	7187.8
-17.5°	8765.4	8671.5	8633.9	8601.7	8545.4	8411.2	8277.1	8102.7	7745.8	7254.8	6817.5
-20°	8193.9	8137.6	8091.9	8049.0	7968.5	7863.9	7753.9	7552.7	7244.1	6847.0	6393.6

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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°	7595.6	7563.4	7525.8	7472.2	7418.5	7319.2	7166.3	6973.1	6731.7	6302.4	5878.5
-25°	6978.5	6916.8	6871.2	6820.2	6777.3	6686.1	6538.5	6353.4	6050.2	5679.9	5325.8
-27.5°	6251.4	6192.4	6168.2	6109.2	6071.6	5988.5	5840.9	5669.2	5395.5	5084.3	4724.8
-30°	5430.4	5441.1	5414.3	5358.0	5312.4	5205.0	5092.3	4947.5	4732.8	4435.0	4113.0
-32.5°	4671.1	4684.5	4652.3	4593.3	4534.3	4456.5	4351.8	4220.4	4059.4	3775.0	3496.0
-35°	3911.8	3906.5	3879.6	3844.7	3804.5	3740.1	3622.1	3522.8	3337.7	3139.1	2945.9
-37.5°	3230.3	3243.8	3235.7	3216.9	3171.3	3117.7	3021.1	2929.8	2793.0	2618.6	2468.4
-40°	2691.1	2707.2	2696.4	2677.6	2637.4	2605.2	2540.8	2460.3	2350.3	2200.1	2074.0
-42.5°	2277.9	2288.6	2275.2	2259.1	2224.2	2200.1	2149.1	2082.0	1990.8	1875.4	1762.7
-45°	1950.5	1953.2	1939.8	1929.1	1902.3	1872.7	1829.8	1776.2	1703.7	1623.2	1532.0
-47.5°	1693.0	1690.3	1676.9	1666.1	1644.7	1617.9	1583.0	1534.7	1478.3	1416.6	1344.2
-50°	1467.6	1481.0	1475.7	1464.9	1448.8	1430.0	1395.2	1344.2	1287.8	1242.2	1191.3
-52.5°	1312.0	1314.7	1312.0	1312.0	1309.3	1295.9	1255.6	1204.7	1143.0	1102.7	1059.8
-55°	1167.1	1180.5	1185.9	1191.3	1193.9	1193.9	1145.6	1092.0	1033.0	992.7	960.5
-57.5°	1049.1	1057.1	1062.5	1075.9	1086.6	1094.7	1051.7	1003.4	957.8	920.3	890.8
-60°	947.1	957.8	965.9	979.3	987.3	992.7	965.9	933.7	906.9	882.7	839.8
-62.5°	855.9	863.9	872.0	880.0	888.1	893.4	882.7	866.6	853.2	842.5	788.8
-65°	764.7	772.7	780.8	791.5	799.5	804.9	802.2	791.5	780.8	770.0	721.7
-67.5°	681.5	689.5	700.3	702.9	708.3	711.0	705.6	697.6	684.2	670.8	633.2
-70°	592.9	598.3	603.7	603.7	603.7	601.0	595.6	584.9	571.5	552.7	523.2
-72.5°	512.5	517.8	523.2	515.1	509.8	501.7	493.7	480.3	466.8	453.4	437.3
-75°	437.3	440.0	440.0	429.3	421.2	413.2	402.5	394.4	381.0	370.3	356.8
-77.5°	348.8	348.8	348.8	340.7	335.4	330.0	322.0	313.9	303.2	295.1	284.4
-80°	271.0	271.0	271.0	268.3	260.3	254.9	249.5	244.2	236.1	230.7	225.4
-82.5°	206.6	206.6	206.6	203.9	198.5	195.9	190.5	185.1	182.4	177.1	174.4
-85°	150.2	152.9	152.9	150.2	147.6	142.2	139.5	136.8	134.2	131.5	126.1
-87.5°	102.0	102.0	102.0	99.3	96.6	96.6	93.9	88.5	83.2	80.5	77.8
-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°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
85°	8.0	8.0	8.0	10.7	10.7	10.7	10.7	10.7	10.7	10.7	8.0
82.5°	13.4	13.4	16.1	16.1	18.8	18.8	18.8	18.8	18.8	18.8	18.8
80°	13.4	16.1	18.8	21.5	24.1	26.8	26.8	26.8	26.8	24.1	24.1
77.5°	16.1	16.1	18.8	21.5	24.1	26.8	29.5	32.2	29.5	29.5	29.5
75°	16.1	18.8	18.8	21.5	24.1	26.8	29.5	32.2	32.2	32.2	32.2
72.5°	13.4	16.1	18.8	21.5	21.5	24.1	26.8	26.8	29.5	29.5	32.2
70°	13.4	16.1	18.8	18.8	21.5	21.5	24.1	26.8	26.8	29.5	29.5
67.5°	16.1	18.8	18.8	21.5	24.1	24.1	24.1	26.8	26.8	29.5	29.5
65°	18.8	21.5	21.5	24.1	26.8	26.8	29.5	29.5	29.5	32.2	32.2
62.5°	32.2	32.2	32.2	29.5	32.2	32.2	32.2	34.9	34.9	32.2	34.9
60°	166.3	120.7	83.2	104.6	93.9	42.9	42.9	42.9	40.2	40.2	37.6
57.5°	391.7	364.9	313.9	265.6	238.8	212.0	131.5	53.7	53.7	48.3	42.9
55°	654.7	566.1	528.6	464.2	394.4	362.2	300.5	203.9	96.6	64.4	56.3
52.5°	1014.2	931.0	834.4	702.9	609.0	533.9	482.9	383.7	257.6	136.8	85.9
50°	1357.6	1320.0	1261.0	1132.2	936.4	810.3	727.1	614.4	461.5	281.7	161.0
47.5°	2186.7	1872.7	1682.2	1583.0	1419.3	1180.5	1019.5	893.4	708.3	474.9	284.4
45°	2752.8	2554.2	2251.0	2041.8	1800.3	1548.1	1338.8	1193.9	973.9	711.0	445.4
42.5°	3238.4	3066.7	2793.0	2487.1	2232.3	1902.3	1634.0	1443.5	1258.3	971.2	665.4
40°	3863.5	3659.6	3396.7	3098.9	2801.1	2379.8	1945.2	1714.4	1510.5	1255.6	898.8
37.5°	4893.8	4534.3	4105.0	3775.0	3386.0	3029.1	2433.5	2025.7	1784.2	1518.6	1172.5
35°	6133.4	5739.0	5022.6	4585.3	4064.8	3533.5	2996.9	2393.2	2049.8	1768.1	1424.7
32.5°	7287.0	6710.2	5792.6	5280.2	4934.0	3954.8	3399.4	2876.2	2323.5	1977.4	1569.6
30°	7606.3	6970.5	6313.1	5714.8	5124.5	4333.1	3675.7	3267.9	2666.9	2103.5	1706.4
27.5°	7284.4	6847.0	6337.3	5781.9	5143.3	4464.5	3844.7	3455.7	2919.1	2189.3	1813.7
25°	6957.0	6500.9	6144.1	5679.9	5089.7	4456.5	3850.1	3573.8	3115.0	2355.7	1872.7
22.5°	6610.9	6326.5	6031.4	5513.6	4955.5	4480.6	4024.5	3675.7	3216.9	2543.5	1896.9
20°	6629.7	6444.6	6119.9	5427.7	4931.4	4622.8	4233.8	3804.5	3326.9	2707.2	1915.7
17.5°	6930.2	6688.7	6280.9	5679.9	5148.7	4767.7	4408.2	3981.6	3439.6	2852.0	2143.7
15°	7300.5	6932.9	6506.3	5977.7	5376.7	4926.0	4542.3	4105.0	3568.4	2986.2	2347.6
12.5°	7568.8	7045.6	6645.8	6168.2	5623.6	5097.7	4630.9	4198.9	3689.1	3096.2	2500.6
10°	7660.0	7185.1	6712.9	6286.3	5749.7	5188.9	4697.9	4257.9	3793.8	3182.0	2613.2
7.5°	7708.3	7305.8	6758.5	6339.9	5824.8	5245.3	4751.6	4290.1	3876.9	3241.1	2685.7
5°	7702.9	7370.2	6793.4	6356.0	5865.1	5269.4	4789.2	4298.2	3936.0	3292.0	2728.6
2.5°	7678.8	7413.1	6849.7	6382.9	5945.5	5315.0	4861.6	4314.3	3957.4	3348.4	2758.1
0°	7767.3	7415.8	6908.7	6390.9	5999.2	5331.1	4893.8	4300.9	3927.9	3364.5	2755.4
-2.5°	7576.8	7257.5	6895.3	6321.2	5926.8	5293.6	4834.8	4257.9	3863.5	3345.7	2744.7
-5°	7544.6	7142.2	6782.6	6256.8	5806.0	5215.8	4724.8	4177.4	3761.6	3284.0	2701.8
-7.5°	7458.8	7032.2	6672.6	6205.8	5693.3	5135.3	4620.1	4094.3	3651.6	3187.4	2640.1
-10°	7270.9	6863.1	6554.6	6095.8	5556.5	5019.9	4494.0	3984.3	3522.8	3055.9	2543.5
-12.5°	7002.6	6594.8	6289.0	5862.4	5384.8	4864.3	4343.8	3842.1	3375.2	2916.4	2428.1
-15°	6699.5	6286.3	5980.4	5591.4	5129.9	4622.8	4153.3	3662.3	3206.2	2768.9	2291.3
-17.5°	6356.0	5964.3	5669.2	5290.9	4832.1	4349.2	3882.3	3436.9	3010.3	2615.9	2133.0
-20°	5959.0	5578.0	5307.0	4928.7	4507.5	4037.9	3584.5	3163.3	2779.6	2409.3	1958.6



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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°	5468.0	5132.6	4824.0	4486.0	4118.4	3689.1	3267.9	2895.0	2527.4	2165.2	1778.8
-25°	4966.2	4641.6	4341.1	4032.6	3681.1	3310.8	2951.3	2613.2	2253.7	1926.4	1604.4
-27.5°	4408.2	4118.4	3850.1	3565.7	3243.8	2924.5	2629.3	2299.3	1988.1	1709.1	1432.7
-30°	3812.6	3576.4	3343.0	3090.8	2830.6	2562.3	2299.3	1988.1	1744.0	1521.3	1287.8
-32.5°	3241.1	3029.1	2841.3	2653.5	2428.1	2208.1	1974.7	1744.0	1540.0	1344.2	1148.3
-35°	2739.3	2514.0	2409.3	2259.1	2079.3	1880.8	1690.3	1529.3	1365.7	1188.6	1014.2
-37.5°	2304.7	2159.8	2036.4	1923.7	1781.5	1609.8	1473.0	1341.5	1204.7	1043.7	893.4
-40°	1964.0	1859.3	1735.9	1652.7	1537.4	1413.9	1277.1	1167.1	1051.7	920.3	796.9
-42.5°	1690.3	1604.4	1523.9	1435.4	1349.6	1244.9	1126.9	1022.2	917.6	821.0	719.0
-45°	1464.9	1403.2	1338.8	1266.4	1191.3	1100.0	1003.4	896.1	821.0	735.1	649.3
-47.5°	1279.8	1234.2	1180.5	1124.2	1059.8	979.3	890.8	813.0	735.1	662.7	579.5
-50°	1132.2	1089.3	1046.4	998.1	941.7	872.0	804.9	732.5	660.0	590.3	512.5
-52.5°	1008.8	971.2	936.4	896.1	842.5	783.4	721.7	657.3	590.3	520.5	458.8
-55°	923.0	880.0	845.1	804.9	756.6	700.3	643.9	584.9	520.5	466.8	415.9
-57.5°	853.2	804.9	764.7	721.7	673.4	625.1	574.2	520.5	472.2	421.2	372.9
-60°	794.2	737.8	692.2	649.3	603.7	558.1	515.1	469.5	423.9	378.3	330.0
-62.5°	732.5	673.4	617.1	576.8	542.0	501.7	464.2	421.2	381.0	335.4	300.5
-65°	662.7	606.4	552.7	517.8	485.6	450.7	415.9	378.3	343.4	308.5	276.3
-67.5°	584.9	536.6	499.0	466.8	434.6	405.1	372.9	340.7	311.2	276.3	244.2
-70°	491.0	464.2	442.7	418.5	389.0	362.2	332.7	303.2	271.0	241.5	212.0
-72.5°	418.5	402.5	386.4	362.2	335.4	311.2	287.1	260.3	233.4	206.6	182.4
-75°	343.4	330.0	316.6	300.5	279.0	260.3	238.8	214.6	193.2	174.4	155.6
-77.5°	276.3	265.6	257.6	244.2	228.1	212.0	198.5	182.4	166.3	147.6	128.8
-80°	220.0	214.6	212.0	206.6	193.2	179.8	169.0	155.6	139.5	126.1	112.7
-82.5°	171.7	171.7	169.0	166.3	155.6	144.9	136.8	126.1	115.4	104.6	91.2
-85°	126.1	123.4	123.4	120.7	112.7	107.3	99.3	93.9	85.9	75.1	69.8
-87.5°	75.1	72.4	69.8	67.1	61.7	59.0	53.7	51.0	45.6	40.2	37.6
-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°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	0.0	0.0
85°	8.0	5.4	5.4	5.4	5.4	5.4	2.7	2.7	2.7	2.7	2.7
82.5°	16.1	16.1	13.4	13.4	10.7	8.0	5.4	5.4	5.4	2.7	2.7
80°	24.1	24.1	24.1	21.5	18.8	13.4	10.7	8.0	5.4	2.7	2.7
77.5°	29.5	26.8	26.8	24.1	24.1	21.5	16.1	13.4	8.0	5.4	2.7
75°	29.5	29.5	29.5	26.8	26.8	24.1	21.5	16.1	13.4	8.0	5.4
72.5°	32.2	29.5	29.5	29.5	26.8	24.1	21.5	18.8	16.1	10.7	5.4
70°	29.5	29.5	29.5	29.5	26.8	26.8	21.5	18.8	18.8	10.7	8.0
67.5°	29.5	29.5	29.5	26.8	26.8	24.1	21.5	18.8	18.8	13.4	8.0
65°	32.2	29.5	29.5	29.5	26.8	24.1	21.5	18.8	18.8	16.1	10.7
62.5°	34.9	32.2	32.2	29.5	26.8	24.1	21.5	18.8	18.8	16.1	10.7
60°	37.6	34.9	32.2	32.2	29.5	26.8	21.5	21.5	18.8	16.1	10.7
57.5°	40.2	37.6	37.6	34.9	32.2	29.5	24.1	21.5	18.8	16.1	13.4
55°	48.3	42.9	40.2	40.2	37.6	32.2	26.8	21.5	18.8	16.1	13.4
52.5°	64.4	51.0	45.6	45.6	42.9	37.6	29.5	24.1	18.8	16.1	13.4
50°	102.0	64.4	53.7	48.3	48.3	42.9	34.9	26.8	18.8	16.1	13.4
47.5°	161.0	107.3	64.4	56.3	53.7	51.0	40.2	26.8	21.5	16.1	13.4
45°	265.6	158.3	104.6	67.1	56.3	53.7	45.6	29.5	21.5	18.8	13.4
42.5°	364.9	246.8	161.0	80.5	67.1	59.0	48.3	32.2	24.1	18.8	13.4
40°	574.2	338.1	225.4	131.5	77.8	61.7	53.7	37.6	24.1	18.8	13.4
37.5°	778.1	448.1	303.2	193.2	88.5	69.8	56.3	40.2	26.8	18.8	16.1
35°	982.0	627.8	375.6	257.6	118.1	83.2	59.0	42.9	26.8	18.8	16.1
32.5°	1164.4	796.9	450.7	322.0	177.1	99.3	64.4	45.6	29.5	21.5	16.1
30°	1314.7	952.5	584.9	378.3	230.7	120.7	69.8	45.6	32.2	21.5	16.1
27.5°	1427.4	1073.2	721.7	437.3	276.3	142.2	80.5	51.0	32.2	21.5	16.1
25°	1518.6	1167.1	842.5	499.0	316.6	177.1	96.6	53.7	34.9	24.1	16.1
22.5°	1591.0	1244.9	941.7	582.2	364.9	212.0	118.1	59.0	34.9	24.1	16.1
20°	1690.3	1322.7	1008.8	670.8	415.9	244.2	136.8	64.4	34.9	24.1	18.8
17.5°	1776.2	1400.5	1062.5	745.9	466.8	268.3	158.3	69.8	37.6	24.1	18.8
15°	1875.4	1475.7	1110.8	804.9	515.1	289.8	177.1	75.1	37.6	26.8	18.8
12.5°	1982.7	1545.4	1145.6	853.2	566.1	308.5	193.2	85.9	40.2	26.8	18.8
10°	2092.7	1604.4	1175.2	888.1	603.7	327.3	203.9	96.6	42.9	26.8	18.8
7.5°	2202.7	1658.1	1212.7	904.2	619.8	348.8	209.3	107.3	42.9	29.5	18.8
5°	2277.9	1693.0	1266.4	914.9	627.8	372.9	217.3	120.7	45.6	29.5	18.8
2.5°	2342.3	1714.4	1322.7	923.0	630.5	386.4	214.6	128.8	48.3	29.5	18.8
0°	2371.8	1714.4	1360.3	917.6	622.5	399.8	214.6	136.8	48.3	29.5	18.8
-2.5°	2326.2	1762.7	1349.6	920.3	625.1	399.8	225.4	139.5	53.7	32.2	18.8
-5°	2253.7	1781.5	1317.4	906.9	619.8	399.8	238.8	142.2	56.3	32.2	21.5
-7.5°	2184.0	1789.6	1279.8	893.4	611.7	389.0	241.5	139.5	61.7	34.9	21.5
-10°	2092.7	1701.0	1231.5	869.3	595.6	381.0	246.8	139.5	64.4	34.9	21.5
-12.5°	1988.1	1593.7	1172.5	834.4	576.8	372.9	249.5	139.5	67.1	37.6	21.5
-15°	1867.4	1483.7	1105.4	796.9	550.0	362.2	244.2	136.8	69.8	37.6	24.1
-17.5°	1730.5	1376.4	1035.6	751.2	520.5	348.8	233.4	134.2	69.8	37.6	24.1
-20°	1574.9	1269.1	957.8	705.6	485.6	332.7	222.7	128.8	69.8	37.6	24.1



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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°	1435.4	1169.8	877.3	654.7	448.1	313.9	209.3	123.4	69.8	40.2	24.1
-25°	1320.0	1073.2	815.6	603.7	407.8	292.4	195.9	118.1	69.8	40.2	24.1
-27.5°	1199.3	968.6	751.2	555.4	381.0	273.7	182.4	112.7	67.1	40.2	24.1
-30°	1075.9	866.6	684.2	501.7	354.2	254.9	171.7	104.6	67.1	40.2	24.1
-32.5°	963.2	783.4	622.5	448.1	324.6	236.1	161.0	102.0	64.4	40.2	24.1
-35°	853.2	708.3	558.1	405.1	292.4	217.3	150.2	99.3	64.4	40.2	24.1
-37.5°	762.0	638.6	499.0	375.6	273.7	201.2	139.5	93.9	61.7	40.2	24.1
-40°	686.8	574.2	442.7	343.4	257.6	185.1	128.8	91.2	61.7	40.2	24.1
-42.5°	617.1	512.5	407.8	316.6	241.5	174.4	120.7	88.5	59.0	40.2	24.1
-45°	555.4	458.8	372.9	292.4	222.7	161.0	115.4	83.2	56.3	40.2	26.8
-47.5°	493.7	421.2	340.7	271.0	203.9	144.9	110.0	80.5	53.7	37.6	26.8
-50°	445.4	381.0	313.9	246.8	185.1	139.5	104.6	75.1	53.7	37.6	26.8
-52.5°	402.5	343.4	284.4	222.7	169.0	131.5	99.3	69.8	51.0	37.6	26.8
-55°	362.2	308.5	254.9	198.5	158.3	123.4	91.2	64.4	51.0	37.6	26.8
-57.5°	322.0	276.3	225.4	179.8	144.9	115.4	85.9	64.4	51.0	37.6	26.8
-60°	289.8	246.8	203.9	166.3	134.2	104.6	77.8	61.7	48.3	37.6	26.8
-62.5°	262.9	222.7	185.1	150.2	123.4	93.9	75.1	61.7	48.3	37.6	24.1
-65°	236.1	201.2	166.3	136.8	110.0	88.5	72.4	59.0	48.3	37.6	24.1
-67.5°	209.3	177.1	150.2	120.7	102.0	85.9	69.8	59.0	45.6	34.9	24.1
-70°	182.4	155.6	131.5	112.7	96.6	80.5	67.1	56.3	45.6	32.2	21.5
-72.5°	161.0	136.8	118.1	104.6	91.2	77.8	64.4	53.7	42.9	29.5	18.8
-75°	136.8	120.7	107.3	93.9	83.2	72.4	61.7	48.3	37.6	26.8	18.8
-77.5°	115.4	104.6	93.9	85.9	75.1	64.4	53.7	42.9	34.9	24.1	16.1
-80°	99.3	91.2	83.2	75.1	67.1	56.3	48.3	37.6	29.5	21.5	13.4
-82.5°	80.5	75.1	67.1	61.7	56.3	48.3	40.2	32.2	21.5	16.1	10.7
-85°	61.7	56.3	53.7	48.3	42.9	34.9	26.8	21.5	16.1	10.7	5.4
-87.5°	32.2	29.5	26.8	24.1	21.5	16.1	13.4	10.7	8.0	5.4	2.7
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0
80°	2.7	0.0	0.0	0.0
77.5°	2.7	0.0	0.0	0.0
75°	2.7	2.7	0.0	0.0
72.5°	2.7	2.7	0.0	0.0
70°	2.7	2.7	0.0	0.0
67.5°	5.4	2.7	0.0	0.0
65°	5.4	2.7	0.0	0.0
62.5°	5.4	2.7	0.0	0.0
60°	5.4	2.7	0.0	0.0
57.5°	8.0	2.7	2.7	0.0
55°	8.0	2.7	2.7	0.0
52.5°	8.0	2.7	2.7	0.0
50°	8.0	5.4	2.7	0.0
47.5°	8.0	5.4	2.7	0.0
45°	8.0	5.4	2.7	0.0
42.5°	8.0	5.4	2.7	0.0
40°	10.7	5.4	2.7	0.0
37.5°	10.7	5.4	2.7	0.0
35°	10.7	5.4	2.7	0.0
32.5°	10.7	5.4	2.7	0.0
30°	10.7	5.4	2.7	0.0
27.5°	10.7	8.0	2.7	0.0
25°	10.7	8.0	2.7	0.0
22.5°	13.4	8.0	2.7	0.0
20°	13.4	8.0	2.7	0.0
17.5°	13.4	8.0	2.7	0.0
15°	13.4	8.0	2.7	0.0
12.5°	13.4	8.0	2.7	0.0
10°	13.4	8.0	2.7	0.0
7.5°	13.4	8.0	2.7	0.0
5°	13.4	8.0	2.7	0.0
2.5°	13.4	8.0	2.7	0.0
0°	13.4	8.0	2.7	0.0
-2.5°	13.4	8.0	2.7	0.0
-5°	13.4	8.0	2.7	0.0
-7.5°	13.4	8.0	2.7	0.0
-10°	13.4	8.0	2.7	0.0
-12.5°	16.1	8.0	2.7	0.0
-15°	16.1	8.0	2.7	0.0
-17.5°	16.1	8.0	2.7	0.0
-20°	16.1	8.0	2.7	0.0

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CATALOG NUMBER: IFLD-S-SA2E-730-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	16.1	8.0	2.7	0.0
-25°	16.1	8.0	2.7	0.0
-27.5°	16.1	8.0	2.7	0.0
-30°	16.1	8.0	2.7	0.0
-32.5°	16.1	8.0	2.7	0.0
-35°	16.1	8.0	2.7	0.0
-37.5°	16.1	8.0	2.7	0.0
-40°	16.1	8.0	2.7	0.0
-42.5°	13.4	8.0	2.7	0.0
-45°	16.1	8.0	2.7	0.0
-47.5°	16.1	8.0	2.7	0.0
-50°	16.1	8.0	2.7	0.0
-52.5°	16.1	8.0	2.7	0.0
-55°	16.1	8.0	2.7	0.0
-57.5°	16.1	8.0	2.7	0.0
-60°	16.1	8.0	2.7	0.0
-62.5°	13.4	8.0	2.7	0.0
-65°	13.4	5.4	2.7	0.0
-67.5°	13.4	5.4	2.7	0.0
-70°	13.4	5.4	2.7	0.0
-72.5°	10.7	5.4	2.7	0.0
-75°	10.7	5.4	2.7	0.0
-77.5°	8.0	2.7	0.0	0.0
-80°	8.0	2.7	0.0	0.0
-82.5°	5.4	2.7	0.0	0.0
-85°	2.7	2.7	0.0	0.0
-87.5°	2.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)