

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: P722598

Luminaire Tested: **IFLD-S-SA2B-830-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722598
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2B-830-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (32) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

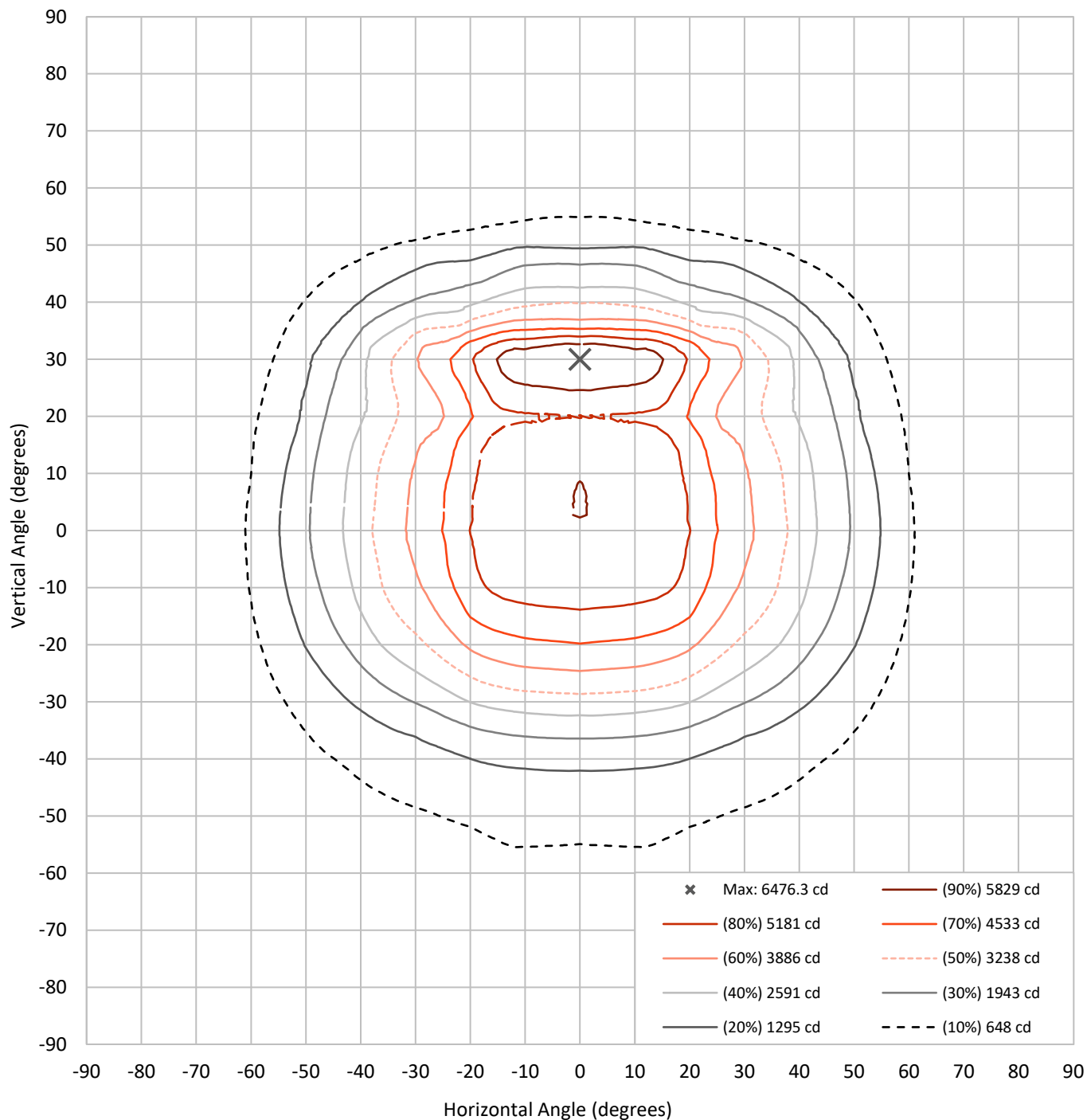
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	9277 lumens	Max Intensity:	6476.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	112.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	5918.3 lumens	Field Lumens:	8746.1 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	82.4		
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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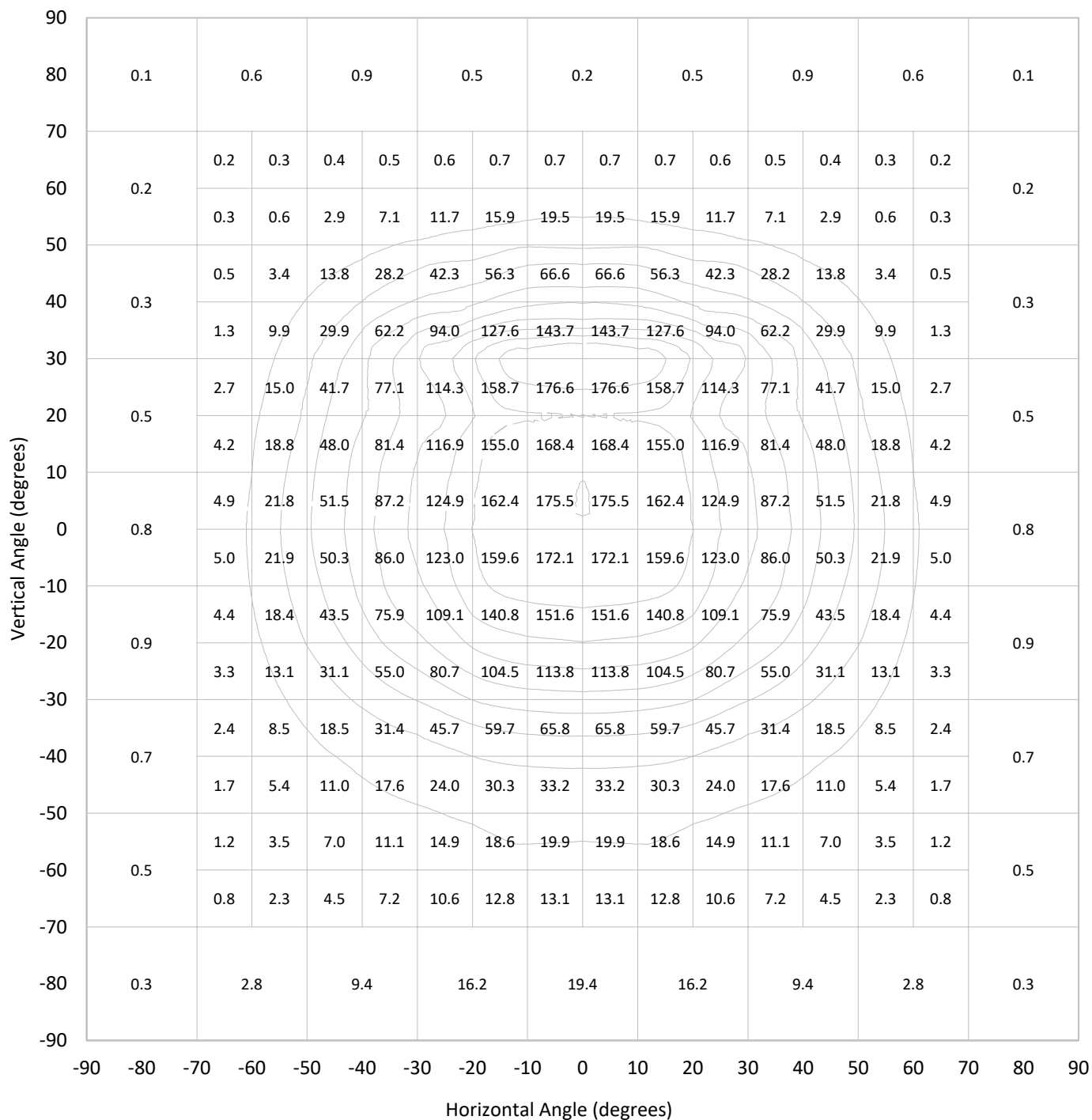
Iso-Candela Plot



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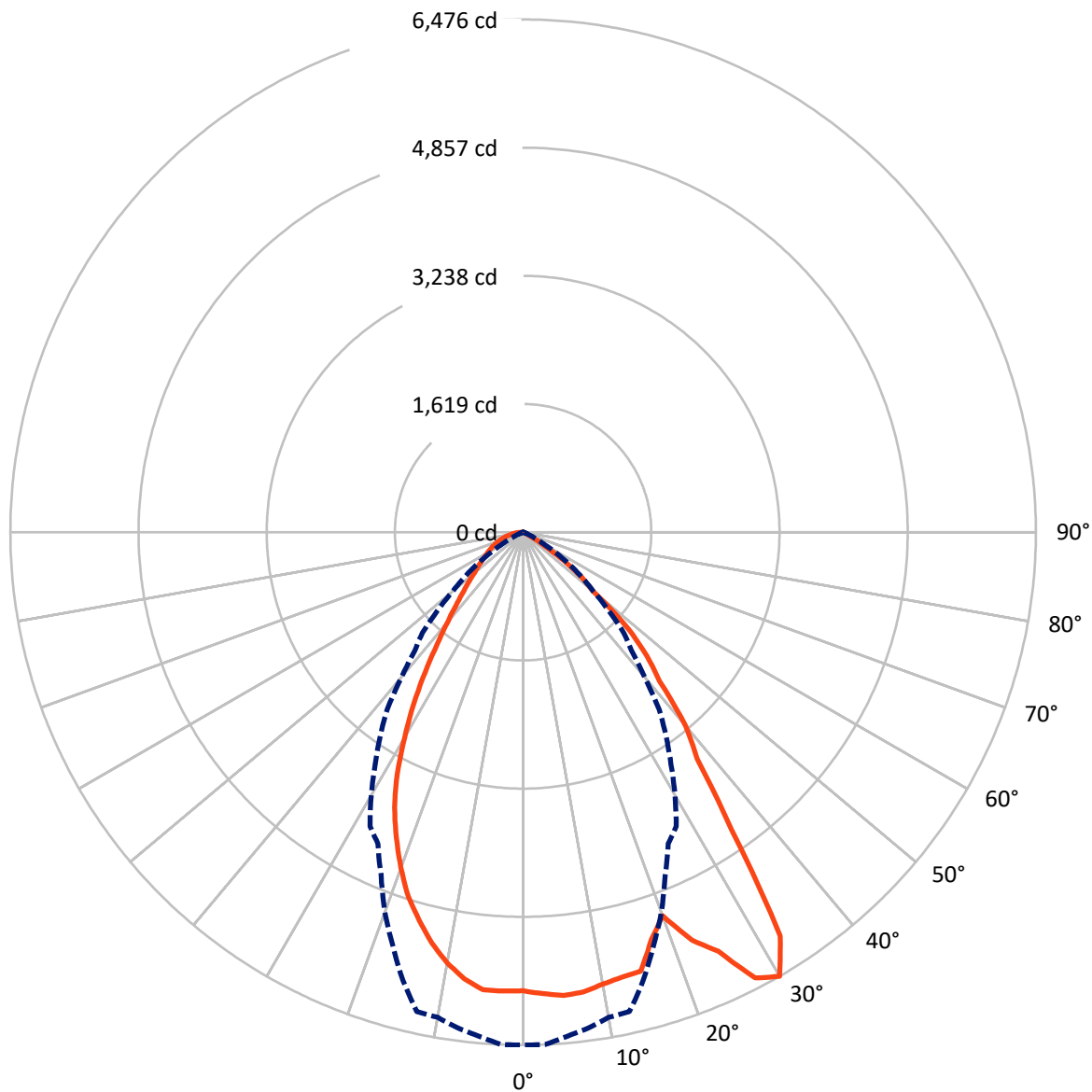
Lumen Table



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Luminous Intensity Polar Plot



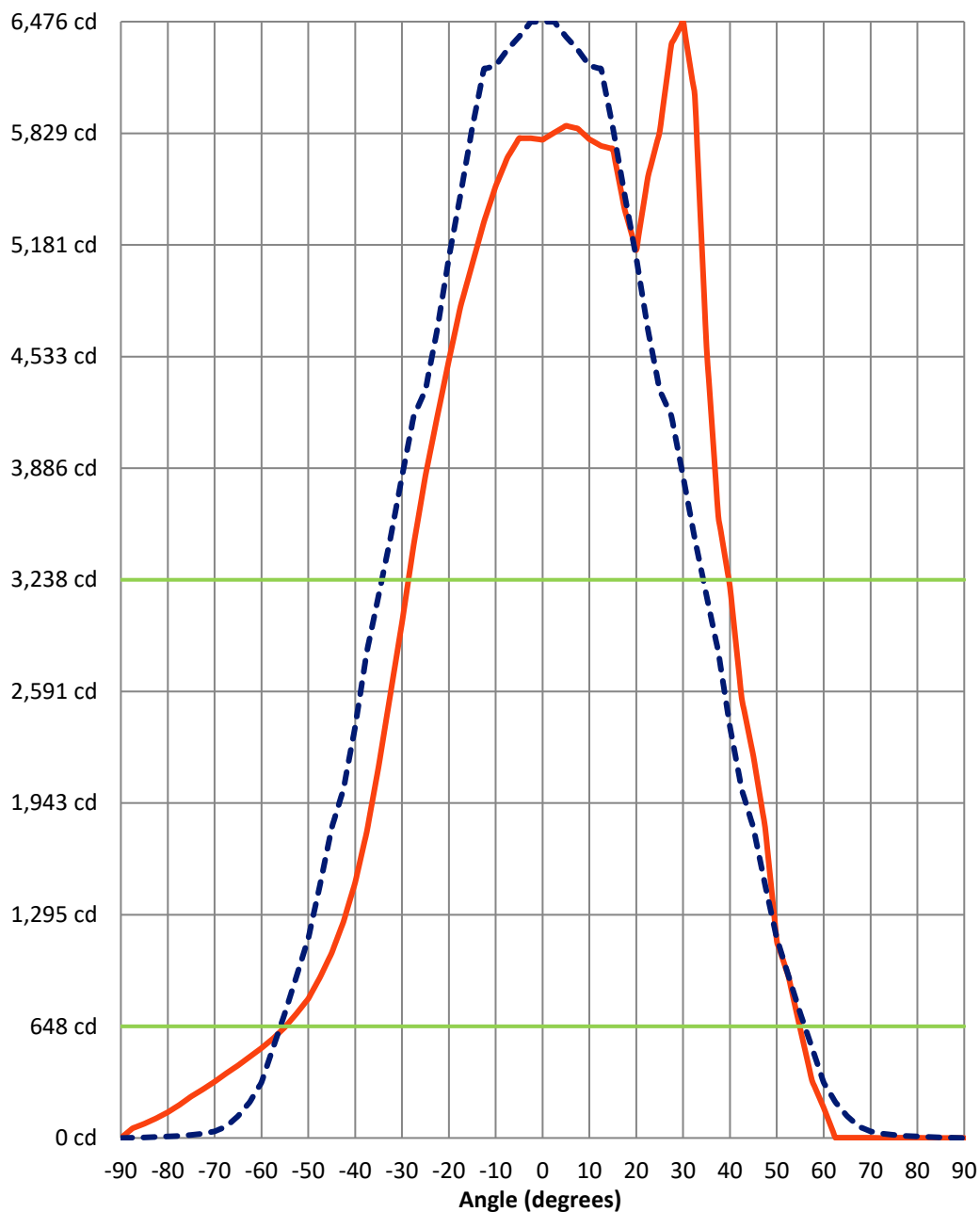
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 5918.3

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 8746.1

Efficiency: 94.3%

Spill:

Lumens: 530.9

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	1.5	1.5	1.5	1.5	1.5	1.5	1.5
85°	0.0	1.5	1.5	1.5	3.0	3.0	3.0	3.0	3.0	3.0	4.4
82.5°	0.0	1.5	1.5	1.5	3.0	3.0	3.0	3.0	4.4	4.4	5.9
80°	1.5	1.5	1.5	1.5	3.0	3.0	3.0	4.4	4.4	5.9	5.9
77.5°	1.5	1.5	1.5	3.0	3.0	3.0	4.4	4.4	5.9	5.9	7.4
75°	1.5	1.5	1.5	3.0	3.0	4.4	4.4	4.4	5.9	5.9	7.4
72.5°	0.0	1.5	1.5	3.0	3.0	4.4	4.4	4.4	5.9	5.9	5.9
70°	1.5	1.5	1.5	3.0	3.0	4.4	4.4	4.4	5.9	5.9	5.9
67.5°	1.5	1.5	1.5	3.0	3.0	4.4	4.4	5.9	5.9	5.9	7.4
65°	1.5	1.5	1.5	3.0	4.4	4.4	5.9	7.4	7.4	8.9	10.3
62.5°	1.5	3.0	3.0	4.4	5.9	7.4	16.2	25.1	25.1	17.7	14.8
60°	175.8	190.5	189.0	171.3	149.2	125.5	121.1	116.7	107.8	94.5	99.0
57.5°	333.8	351.5	358.9	354.5	342.6	322.0	310.2	296.9	279.1	258.5	234.8
55°	632.1	639.5	623.3	592.2	558.3	524.3	512.5	494.8	468.2	441.6	406.2
52.5°	934.9	960.0	952.6	921.6	875.8	815.3	748.8	697.1	666.1	636.6	601.1
50°	1141.7	1152.0	1172.7	1209.6	1222.9	1181.5	1073.7	934.9	835.9	886.2	847.8
47.5°	1801.9	1853.5	1843.2	1816.6	1772.3	1660.1	1509.4	1385.4	1282.0	1248.0	1253.9
45°	2213.9	2234.6	2227.2	2215.4	2194.7	2089.9	1923.0	1732.4	1636.4	1598.0	1558.2
42.5°	2552.1	2574.3	2578.7	2580.2	2558.0	2462.0	2311.4	2120.9	2024.9	1914.1	1827.0
40°	3197.6	3230.1	3193.1	3144.4	3070.5	2961.2	2813.6	2637.8	2468.0	2332.1	2228.7
37.5°	3609.6	3649.5	3664.3	3661.3	3645.1	3597.8	3416.1	3249.3	2989.3	2685.1	2739.7
35°	4587.4	4628.7	4616.9	4572.6	4549.0	4498.7	4321.5	4123.6	3797.2	3466.4	3377.7
32.5°	6045.1	6135.2	5966.8	5782.2	5668.5	5708.3	5528.2	5043.7	4893.1	4296.4	4020.2
30°	6476.3	6474.9	6389.2	6313.9	6220.8	6201.6	5861.9	5475.0	5105.8	4687.8	4339.2
27.5°	6344.9	6318.3	6245.9	6191.3	6104.2	6058.4	5726.1	5418.9	4992.0	4618.4	4281.6
25°	5838.3	5859.0	5785.1	5774.8	5740.8	5652.2	5486.8	5141.2	4760.2	4346.6	4104.4
22.5°	5576.9	5569.5	5480.9	5429.2	5470.6	5376.0	5309.6	4961.0	4563.7	4215.2	3924.2
20°	5151.5	5153.0	5130.9	5126.4	5101.3	5058.5	5005.3	4758.7	4478.1	4179.7	3829.7
17.5°	5389.3	5449.9	5476.5	5256.4	5318.4	5269.7	5213.6	4869.4	4658.2	4393.9	3937.5
15°	5737.9	5715.7	5689.1	5677.3	5643.4	5597.6	5495.7	5221.0	4857.6	4584.4	4228.5
12.5°	5755.6	5712.8	5702.4	5701.0	5665.5	5602.0	5503.0	5275.6	4953.6	4621.3	4331.8
10°	5794.0	5749.7	5743.8	5751.2	5696.5	5656.7	5557.7	5346.5	4983.2	4684.8	4411.6
7.5°	5856.0	5782.2	5816.2	5794.0	5768.9	5705.4	5599.1	5392.3	5091.0	4769.0	4482.5
5°	5872.3	5791.1	5828.0	5807.3	5770.4	5708.3	5593.1	5421.8	5157.4	4803.0	4510.6
2.5°	5832.4	5808.8	5792.5	5754.1	5737.9	5669.9	5560.6	5377.5	5126.4	4788.2	4504.6
0°	5791.1	5811.7	5774.8	5736.4	5729.0	5674.4	5581.3	5415.9	5198.8	4829.6	4554.9
-2.5°	5799.9	5783.7	5758.6	5718.7	5680.3	5602.0	5517.8	5362.7	5129.4	4739.5	4484.0
-5°	5799.9	5724.6	5727.5	5729.0	5690.6	5609.4	5507.5	5376.0	5088.0	4738.0	4463.3
-7.5°	5687.7	5622.7	5612.3	5603.5	5593.1	5517.8	5438.1	5274.1	5018.6	4699.6	4405.7
-10°	5522.2	5458.7	5464.6	5451.4	5418.9	5368.6	5308.1	5160.4	4950.7	4578.5	4289.0
-12.5°	5315.5	5287.4	5271.2	5249.0	5216.5	5172.2	5110.2	4971.4	4746.9	4429.3	4154.6
-15°	5070.3	5049.6	5034.9	5021.6	4974.3	4928.5	4847.3	4718.8	4578.5	4237.3	3956.7
-17.5°	4825.1	4773.4	4752.8	4735.0	4704.0	4630.2	4556.3	4460.3	4263.9	3993.6	3752.9
-20°	4510.6	4479.5	4454.4	4430.8	4386.5	4328.9	4268.3	4157.6	3987.7	3769.1	3519.5

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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°	4181.2	4163.5	4142.8	4113.3	4083.7	4029.1	3944.9	3838.5	3705.6	3469.3	3236.0
-25°	3841.5	3807.5	3782.4	3754.4	3730.7	3680.5	3599.3	3497.4	3330.5	3126.7	2931.7
-27.5°	3441.3	3408.8	3395.5	3363.0	3342.3	3296.5	3215.3	3120.8	2970.1	2798.8	2600.9
-30°	2989.3	2995.2	2980.4	2949.4	2924.3	2865.2	2803.2	2723.5	2605.3	2441.4	2264.1
-32.5°	2571.3	2578.7	2561.0	2528.5	2496.0	2453.2	2395.6	2323.2	2234.6	2078.0	1924.4
-35°	2153.4	2150.4	2135.6	2116.4	2094.3	2058.8	1993.9	1939.2	1837.3	1728.0	1621.7
-37.5°	1778.2	1785.6	1781.2	1770.8	1745.7	1716.2	1663.0	1612.8	1537.5	1441.5	1358.8
-40°	1481.4	1490.2	1484.3	1474.0	1451.8	1434.1	1398.7	1354.3	1293.8	1211.1	1141.7
-42.5°	1253.9	1259.8	1252.4	1243.6	1224.4	1211.1	1183.0	1146.1	1095.9	1032.4	970.3
-45°	1073.7	1075.2	1067.8	1061.9	1047.1	1030.9	1007.3	977.7	937.9	893.5	843.3
-47.5°	931.9	930.5	923.1	917.2	905.4	890.6	871.4	844.8	813.8	779.8	739.9
-50°	807.9	815.3	812.3	806.4	797.5	787.2	768.0	739.9	708.9	683.8	655.8
-52.5°	722.2	723.7	722.2	722.2	720.7	713.4	691.2	663.1	629.2	607.0	583.4
-55°	642.5	649.9	652.8	655.8	657.2	657.2	630.7	601.1	568.6	546.5	528.7
-57.5°	577.5	581.9	584.9	592.2	598.2	602.6	579.0	552.4	527.3	506.6	490.3
-60°	521.4	527.3	531.7	539.1	543.5	546.5	531.7	514.0	499.2	485.9	462.3
-62.5°	471.1	475.6	480.0	484.4	488.9	491.8	485.9	477.0	469.7	463.8	434.2
-65°	420.9	425.4	429.8	435.7	440.1	443.1	441.6	435.7	429.8	423.9	397.3
-67.5°	375.1	379.6	385.5	387.0	389.9	391.4	388.4	384.0	376.6	369.2	348.6
-70°	326.4	329.4	332.3	332.3	332.3	330.8	327.9	322.0	314.6	304.2	288.0
-72.5°	282.1	285.0	288.0	283.6	280.6	276.2	271.8	264.4	257.0	249.6	240.7
-75°	240.7	242.2	242.2	236.3	231.9	227.4	221.5	217.1	209.7	203.8	196.4
-77.5°	192.0	192.0	192.0	187.6	184.6	181.7	177.2	172.8	166.9	162.5	156.6
-80°	149.2	149.2	149.2	147.7	143.3	140.3	137.4	134.4	130.0	127.0	124.1
-82.5°	113.7	113.7	113.7	112.2	109.3	107.8	104.9	101.9	100.4	97.5	96.0
-85°	82.7	84.2	84.2	82.7	81.2	78.3	76.8	75.3	73.8	72.4	69.4
-87.5°	56.1	56.1	56.1	54.6	53.2	53.2	51.7	48.7	45.8	44.3	42.8
-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°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
85°	4.4	4.4	4.4	5.9	5.9	5.9	5.9	5.9	5.9	5.9	4.4
82.5°	7.4	7.4	8.9	8.9	10.3	10.3	10.3	10.3	10.3	10.3	10.3
80°	7.4	8.9	10.3	11.8	13.3	14.8	14.8	14.8	14.8	13.3	13.3
77.5°	8.9	8.9	10.3	11.8	13.3	14.8	16.2	17.7	16.2	16.2	16.2
75°	8.9	10.3	10.3	11.8	13.3	14.8	16.2	17.7	17.7	17.7	17.7
72.5°	7.4	8.9	10.3	11.8	11.8	13.3	14.8	14.8	16.2	16.2	17.7
70°	7.4	8.9	10.3	10.3	11.8	11.8	13.3	14.8	14.8	16.2	16.2
67.5°	8.9	10.3	10.3	11.8	13.3	13.3	13.3	14.8	14.8	16.2	16.2
65°	10.3	11.8	11.8	13.3	14.8	14.8	16.2	16.2	16.2	17.7	17.7
62.5°	17.7	17.7	17.7	16.2	17.7	17.7	17.7	19.2	19.2	17.7	19.2
60°	91.6	66.5	45.8	57.6	51.7	23.6	23.6	23.6	22.2	22.2	20.7
57.5°	215.6	200.9	172.8	146.2	131.4	116.7	72.4	29.5	29.5	26.6	23.6
55°	360.4	311.6	291.0	255.5	217.1	199.4	165.4	112.2	53.2	35.4	31.0
52.5°	558.3	512.5	459.3	387.0	335.3	293.9	265.8	211.2	141.8	75.3	47.3
50°	747.3	726.7	694.2	623.3	515.4	446.0	400.2	338.2	254.0	155.1	88.6
47.5°	1203.7	1030.9	926.0	871.4	781.3	649.9	561.2	491.8	389.9	261.4	156.6
45°	1515.3	1406.0	1239.1	1123.9	991.0	852.2	737.0	657.2	536.1	391.4	245.2
42.5°	1782.7	1688.1	1537.5	1369.1	1228.8	1047.1	899.5	794.6	692.7	534.6	366.3
40°	2126.8	2014.5	1869.8	1705.9	1541.9	1310.0	1070.8	943.8	831.5	691.2	494.8
37.5°	2693.9	2496.0	2259.7	2078.0	1863.9	1667.5	1339.6	1115.1	982.2	835.9	645.4
35°	3376.3	3159.2	2764.8	2524.1	2237.6	1945.1	1649.7	1317.4	1128.4	973.3	784.3
32.5°	4011.3	3693.8	3188.7	2906.6	2716.1	2177.0	1871.3	1583.3	1279.0	1088.5	864.0
30°	4187.1	3837.1	3475.2	3145.9	2820.9	2385.2	2023.4	1798.9	1468.1	1157.9	939.3
27.5°	4009.9	3769.1	3488.5	3182.8	2831.3	2457.6	2116.4	1902.3	1606.9	1205.2	998.4
25°	3829.7	3578.6	3382.2	3126.7	2801.7	2453.2	2119.4	1967.3	1714.7	1296.7	1030.9
22.5°	3639.2	3482.6	3320.1	3035.1	2727.9	2466.5	2215.4	2023.4	1770.8	1400.1	1044.2
20°	3649.5	3547.6	3368.9	2987.8	2714.6	2544.8	2330.6	2094.3	1831.4	1490.2	1054.5
17.5°	3814.9	3682.0	3457.5	3126.7	2834.2	2624.5	2426.6	2191.8	1893.4	1570.0	1180.1
15°	4018.7	3816.4	3581.6	3290.6	2959.8	2711.6	2500.4	2259.7	1964.3	1643.8	1292.3
12.5°	4166.4	3878.4	3658.4	3395.5	3095.6	2806.2	2549.2	2311.4	2030.8	1704.4	1376.5
10°	4216.6	3955.2	3695.3	3460.5	3165.1	2856.4	2586.1	2343.9	2088.4	1751.6	1438.5
7.5°	4243.2	4021.7	3720.4	3490.0	3206.4	2887.4	2615.6	2361.6	2134.2	1784.1	1478.4
5°	4240.3	4057.1	3739.6	3498.9	3228.6	2900.7	2636.3	2366.0	2166.7	1812.2	1502.0
2.5°	4227.0	4080.8	3770.6	3513.6	3272.9	2925.8	2676.2	2374.9	2178.5	1843.2	1518.3
0°	4275.7	4082.2	3803.1	3518.1	3302.4	2934.7	2693.9	2367.5	2162.2	1852.1	1516.8
-2.5°	4170.9	3995.1	3795.7	3479.7	3262.5	2914.0	2661.4	2343.9	2126.8	1841.7	1510.9
-5°	4153.1	3931.6	3733.7	3444.2	3196.1	2871.2	2600.9	2299.6	2070.7	1807.8	1487.3
-7.5°	4105.9	3871.0	3673.1	3416.1	3134.1	2826.8	2543.3	2253.8	2010.1	1754.6	1453.3
-10°	4002.5	3778.0	3608.1	3355.6	3058.7	2763.3	2473.9	2193.2	1939.2	1682.2	1400.1
-12.5°	3854.8	3630.3	3461.9	3227.1	2964.2	2677.7	2391.2	2115.0	1858.0	1605.4	1336.6
-15°	3687.9	3460.5	3292.1	3077.9	2823.9	2544.8	2286.3	2016.0	1764.9	1524.2	1261.3
-17.5°	3498.9	3283.2	3120.8	2912.5	2660.0	2394.1	2137.1	1892.0	1657.1	1440.0	1174.2
-20°	3280.3	3070.5	2921.4	2713.1	2481.2	2222.8	1973.2	1741.3	1530.1	1326.3	1078.2

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CATALOG NUMBER: IFLD-S-SA2B-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	3010.0	2825.4	2655.5	2469.4	2267.1	2030.8	1798.9	1593.6	1391.3	1191.9	979.2
-25°	2733.8	2555.1	2389.7	2219.8	2026.4	1822.5	1624.6	1438.5	1240.6	1060.4	883.2
-27.5°	2426.6	2267.1	2119.4	1962.8	1785.6	1609.9	1447.4	1265.7	1094.4	940.8	788.7
-30°	2098.7	1968.8	1840.3	1701.4	1558.2	1410.5	1265.7	1094.4	960.0	837.4	708.9
-32.5°	1784.1	1667.5	1564.1	1460.7	1336.6	1215.5	1087.0	960.0	847.8	739.9	632.1
-35°	1507.9	1383.9	1326.3	1243.6	1144.6	1035.3	930.5	841.9	751.8	654.3	558.3
-37.5°	1268.7	1188.9	1121.0	1059.0	980.7	886.2	810.8	738.5	663.1	574.5	491.8
-40°	1081.1	1023.5	955.6	909.8	846.3	778.3	703.0	642.5	579.0	506.6	438.6
-42.5°	930.5	883.2	838.9	790.2	742.9	685.3	620.3	562.7	505.1	451.9	395.8
-45°	806.4	772.4	737.0	697.1	655.8	605.5	552.4	493.3	451.9	404.7	357.4
-47.5°	704.5	679.4	649.9	618.8	583.4	539.1	490.3	447.5	404.7	364.8	319.0
-50°	623.3	599.6	576.0	549.4	518.4	480.0	443.1	403.2	363.3	324.9	282.1
-52.5°	555.3	534.6	515.4	493.3	463.8	431.3	397.3	361.8	324.9	286.5	252.6
-55°	508.1	484.4	465.2	443.1	416.5	385.5	354.5	322.0	286.5	257.0	228.9
-57.5°	469.7	443.1	420.9	397.3	370.7	344.1	316.1	286.5	259.9	231.9	205.3
-60°	437.2	406.2	381.0	357.4	332.3	307.2	283.6	258.5	233.4	208.2	181.7
-62.5°	403.2	370.7	339.7	317.5	298.3	276.2	255.5	231.9	209.7	184.6	165.4
-65°	364.8	333.8	304.2	285.0	267.3	248.1	228.9	208.2	189.0	169.8	152.1
-67.5°	322.0	295.4	274.7	257.0	239.3	223.0	205.3	187.6	171.3	152.1	134.4
-70°	270.3	255.5	243.7	230.4	214.2	199.4	183.1	166.9	149.2	132.9	116.7
-72.5°	230.4	221.5	212.7	199.4	184.6	171.3	158.0	143.3	128.5	113.7	100.4
-75°	189.0	181.7	174.3	165.4	153.6	143.3	131.4	118.2	106.3	96.0	85.7
-77.5°	152.1	146.2	141.8	134.4	125.5	116.7	109.3	100.4	91.6	81.2	70.9
-80°	121.1	118.2	116.7	113.7	106.3	99.0	93.0	85.7	76.8	69.4	62.0
-82.5°	94.5	94.5	93.0	91.6	85.7	79.8	75.3	69.4	63.5	57.6	50.2
-85°	69.4	67.9	67.9	66.5	62.0	59.1	54.6	51.7	47.3	41.4	38.4
-87.5°	41.4	39.9	38.4	36.9	34.0	32.5	29.5	28.1	25.1	22.2	20.7
-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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CATALOG NUMBER: IFLD-S-SA2B-830-U-76-VI

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°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.0	0.0
85°	4.4	3.0	3.0	3.0	3.0	3.0	1.5	1.5	1.5	1.5	1.5
82.5°	8.9	8.9	7.4	7.4	5.9	4.4	3.0	3.0	3.0	1.5	1.5
80°	13.3	13.3	13.3	11.8	10.3	7.4	5.9	4.4	3.0	1.5	1.5
77.5°	16.2	14.8	14.8	13.3	13.3	11.8	8.9	7.4	4.4	3.0	1.5
75°	16.2	16.2	16.2	14.8	14.8	13.3	11.8	8.9	7.4	4.4	3.0
72.5°	17.7	16.2	16.2	16.2	14.8	13.3	11.8	10.3	8.9	5.9	3.0
70°	16.2	16.2	16.2	16.2	14.8	14.8	11.8	10.3	10.3	5.9	4.4
67.5°	16.2	16.2	16.2	14.8	14.8	13.3	11.8	10.3	10.3	7.4	4.4
65°	17.7	16.2	16.2	16.2	14.8	13.3	11.8	10.3	10.3	8.9	5.9
62.5°	19.2	17.7	17.7	16.2	14.8	13.3	11.8	10.3	10.3	8.9	5.9
60°	20.7	19.2	17.7	17.7	16.2	14.8	11.8	11.8	10.3	8.9	5.9
57.5°	22.2	20.7	20.7	19.2	17.7	16.2	13.3	11.8	10.3	8.9	7.4
55°	26.6	23.6	22.2	22.2	20.7	17.7	14.8	11.8	10.3	8.9	7.4
52.5°	35.4	28.1	25.1	25.1	23.6	20.7	16.2	13.3	10.3	8.9	7.4
50°	56.1	35.4	29.5	26.6	26.6	23.6	19.2	14.8	10.3	8.9	7.4
47.5°	88.6	59.1	35.4	31.0	29.5	28.1	22.2	14.8	11.8	8.9	7.4
45°	146.2	87.1	57.6	36.9	31.0	29.5	25.1	16.2	11.8	10.3	7.4
42.5°	200.9	135.9	88.6	44.3	36.9	32.5	26.6	17.7	13.3	10.3	7.4
40°	316.1	186.1	124.1	72.4	42.8	34.0	29.5	20.7	13.3	10.3	7.4
37.5°	428.3	246.6	166.9	106.3	48.7	38.4	31.0	22.2	14.8	10.3	8.9
35°	540.6	345.6	206.8	141.8	65.0	45.8	32.5	23.6	14.8	10.3	8.9
32.5°	641.0	438.6	248.1	177.2	97.5	54.6	35.4	25.1	16.2	11.8	8.9
30°	723.7	524.3	322.0	208.2	127.0	66.5	38.4	25.1	17.7	11.8	8.9
27.5°	785.7	590.8	397.3	240.7	152.1	78.3	44.3	28.1	17.7	11.8	8.9
25°	835.9	642.5	463.8	274.7	174.3	97.5	53.2	29.5	19.2	13.3	8.9
22.5°	875.8	685.3	518.4	320.5	200.9	116.7	65.0	32.5	19.2	13.3	8.9
20°	930.5	728.1	555.3	369.2	228.9	134.4	75.3	35.4	19.2	13.3	10.3
17.5°	977.7	771.0	584.9	410.6	257.0	147.7	87.1	38.4	20.7	13.3	10.3
15°	1032.4	812.3	611.4	443.1	283.6	159.5	97.5	41.4	20.7	14.8	10.3
12.5°	1091.5	850.7	630.7	469.7	311.6	169.8	106.3	47.3	22.2	14.8	10.3
10°	1152.0	883.2	646.9	488.9	332.3	180.2	112.2	53.2	23.6	14.8	10.3
7.5°	1212.6	912.7	667.6	497.7	341.2	192.0	115.2	59.1	23.6	16.2	10.3
5°	1253.9	931.9	697.1	503.6	345.6	205.3	119.6	66.5	25.1	16.2	10.3
2.5°	1289.4	943.8	728.1	508.1	347.1	212.7	118.2	70.9	26.6	16.2	10.3
0°	1305.6	943.8	748.8	505.1	342.6	220.1	118.2	75.3	26.6	16.2	10.3
-2.5°	1280.5	970.3	742.9	506.6	344.1	220.1	124.1	76.8	29.5	17.7	10.3
-5°	1240.6	980.7	725.2	499.2	341.2	220.1	131.4	78.3	31.0	17.7	11.8
-7.5°	1202.2	985.1	704.5	491.8	336.7	214.2	132.9	76.8	34.0	19.2	11.8
-10°	1152.0	936.4	677.9	478.5	327.9	209.7	135.9	76.8	35.4	19.2	11.8
-12.5°	1094.4	877.3	645.4	459.3	317.5	205.3	137.4	76.8	36.9	20.7	11.8
-15°	1027.9	816.7	608.5	438.6	302.8	199.4	134.4	75.3	38.4	20.7	13.3
-17.5°	952.6	757.7	570.1	413.5	286.5	192.0	128.5	73.8	38.4	20.7	13.3
-20°	867.0	698.6	527.3	388.4	267.3	183.1	122.6	70.9	38.4	20.7	13.3

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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°	790.2	643.9	483.0	360.4	246.6	172.8	115.2	67.9	38.4	22.2	13.3
-25°	726.7	590.8	449.0	332.3	224.5	161.0	107.8	65.0	38.4	22.2	13.3
-27.5°	660.2	533.2	413.5	305.7	209.7	150.6	100.4	62.0	36.9	22.2	13.3
-30°	592.2	477.0	376.6	276.2	195.0	140.3	94.5	57.6	36.9	22.2	13.3
-32.5°	530.2	431.3	342.6	246.6	178.7	130.0	88.6	56.1	35.4	22.2	13.3
-35°	469.7	389.9	307.2	223.0	161.0	119.6	82.7	54.6	35.4	22.2	13.3
-37.5°	419.4	351.5	274.7	206.8	150.6	110.8	76.8	51.7	34.0	22.2	13.3
-40°	378.1	316.1	243.7	189.0	141.8	101.9	70.9	50.2	34.0	22.2	13.3
-42.5°	339.7	282.1	224.5	174.3	132.9	96.0	66.5	48.7	32.5	22.2	13.3
-45°	305.7	252.6	205.3	161.0	122.6	88.6	63.5	45.8	31.0	22.2	14.8
-47.5°	271.8	231.9	187.6	149.2	112.2	79.8	60.6	44.3	29.5	20.7	14.8
-50°	245.2	209.7	172.8	135.9	101.9	76.8	57.6	41.4	29.5	20.7	14.8
-52.5°	221.5	189.0	156.6	122.6	93.0	72.4	54.6	38.4	28.1	20.7	14.8
-55°	199.4	169.8	140.3	109.3	87.1	67.9	50.2	35.4	28.1	20.7	14.8
-57.5°	177.2	152.1	124.1	99.0	79.8	63.5	47.3	35.4	28.1	20.7	14.8
-60°	159.5	135.9	112.2	91.6	73.8	57.6	42.8	34.0	26.6	20.7	14.8
-62.5°	144.7	122.6	101.9	82.7	67.9	51.7	41.4	34.0	26.6	20.7	13.3
-65°	130.0	110.8	91.6	75.3	60.6	48.7	39.9	32.5	26.6	20.7	13.3
-67.5°	115.2	97.5	82.7	66.5	56.1	47.3	38.4	32.5	25.1	19.2	13.3
-70°	100.4	85.7	72.4	62.0	53.2	44.3	36.9	31.0	25.1	17.7	11.8
-72.5°	88.6	75.3	65.0	57.6	50.2	42.8	35.4	29.5	23.6	16.2	10.3
-75°	75.3	66.5	59.1	51.7	45.8	39.9	34.0	26.6	20.7	14.8	10.3
-77.5°	63.5	57.6	51.7	47.3	41.4	35.4	29.5	23.6	19.2	13.3	8.9
-80°	54.6	50.2	45.8	41.4	36.9	31.0	26.6	20.7	16.2	11.8	7.4
-82.5°	44.3	41.4	36.9	34.0	31.0	26.6	22.2	17.7	11.8	8.9	5.9
-85°	34.0	31.0	29.5	26.6	23.6	19.2	14.8	11.8	8.9	5.9	3.0
-87.5°	17.7	16.2	14.8	13.3	11.8	8.9	7.4	5.9	4.4	3.0	1.5
-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):

	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°	1.5	0.0	0.0	0.0
77.5°	1.5	0.0	0.0	0.0
75°	1.5	1.5	0.0	0.0
72.5°	1.5	1.5	0.0	0.0
70°	1.5	1.5	0.0	0.0
67.5°	3.0	1.5	0.0	0.0
65°	3.0	1.5	0.0	0.0
62.5°	3.0	1.5	0.0	0.0
60°	3.0	1.5	0.0	0.0
57.5°	4.4	1.5	1.5	0.0
55°	4.4	1.5	1.5	0.0
52.5°	4.4	1.5	1.5	0.0
50°	4.4	3.0	1.5	0.0
47.5°	4.4	3.0	1.5	0.0
45°	4.4	3.0	1.5	0.0
42.5°	4.4	3.0	1.5	0.0
40°	5.9	3.0	1.5	0.0
37.5°	5.9	3.0	1.5	0.0
35°	5.9	3.0	1.5	0.0
32.5°	5.9	3.0	1.5	0.0
30°	5.9	3.0	1.5	0.0
27.5°	5.9	4.4	1.5	0.0
25°	5.9	4.4	1.5	0.0
22.5°	7.4	4.4	1.5	0.0
20°	7.4	4.4	1.5	0.0
17.5°	7.4	4.4	1.5	0.0
15°	7.4	4.4	1.5	0.0
12.5°	7.4	4.4	1.5	0.0
10°	7.4	4.4	1.5	0.0
7.5°	7.4	4.4	1.5	0.0
5°	7.4	4.4	1.5	0.0
2.5°	7.4	4.4	1.5	0.0
0°	7.4	4.4	1.5	0.0
-2.5°	7.4	4.4	1.5	0.0
-5°	7.4	4.4	1.5	0.0
-7.5°	7.4	4.4	1.5	0.0
-10°	7.4	4.4	1.5	0.0
-12.5°	8.9	4.4	1.5	0.0
-15°	8.9	4.4	1.5	0.0
-17.5°	8.9	4.4	1.5	0.0
-20°	8.9	4.4	1.5	0.0

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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	8.9	4.4	1.5	0.0
-25°	8.9	4.4	1.5	0.0
-27.5°	8.9	4.4	1.5	0.0
-30°	8.9	4.4	1.5	0.0
-32.5°	8.9	4.4	1.5	0.0
-35°	8.9	4.4	1.5	0.0
-37.5°	8.9	4.4	1.5	0.0
-40°	8.9	4.4	1.5	0.0
-42.5°	7.4	4.4	1.5	0.0
-45°	8.9	4.4	1.5	0.0
-47.5°	8.9	4.4	1.5	0.0
-50°	8.9	4.4	1.5	0.0
-52.5°	8.9	4.4	1.5	0.0
-55°	8.9	4.4	1.5	0.0
-57.5°	8.9	4.4	1.5	0.0
-60°	8.9	4.4	1.5	0.0
-62.5°	7.4	4.4	1.5	0.0
-65°	7.4	3.0	1.5	0.0
-67.5°	7.4	3.0	1.5	0.0
-70°	7.4	3.0	1.5	0.0
-72.5°	5.9	3.0	1.5	0.0
-75°	5.9	3.0	1.5	0.0
-77.5°	4.4	1.5	0.0	0.0
-80°	4.4	1.5	0.0	0.0
-82.5°	3.0	1.5	0.0	0.0
-85°	1.5	1.5	0.0	0.0
-87.5°	1.5	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)