

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: P722457

Luminaire Tested: **IFLD-S-SA3A-735-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722457
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3A-735-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

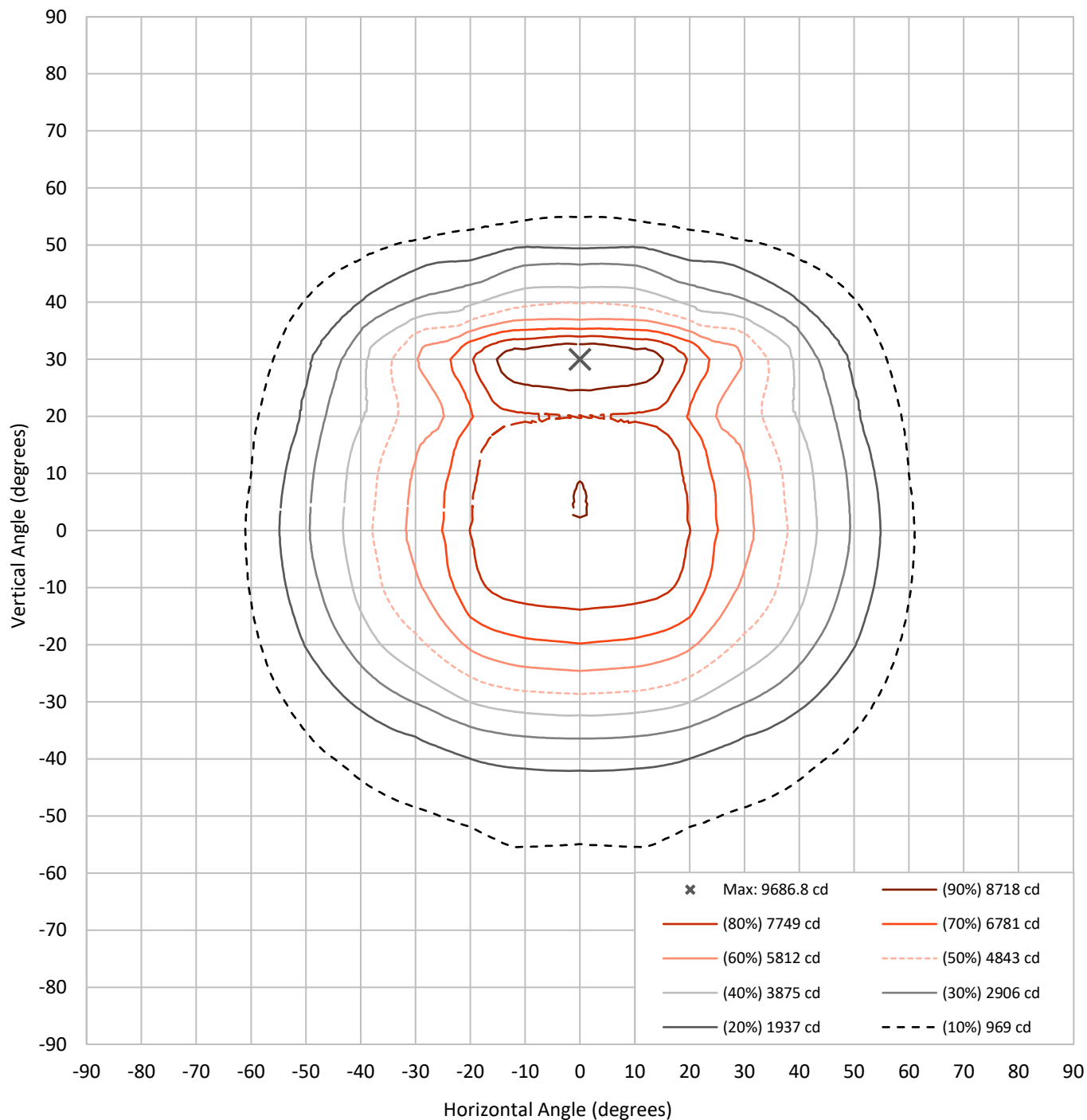
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	13875.7 lumens	Max Intensity:	9686.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	146.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	8852.1 lumens	Field Lumens:	13081.7 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	94.8		
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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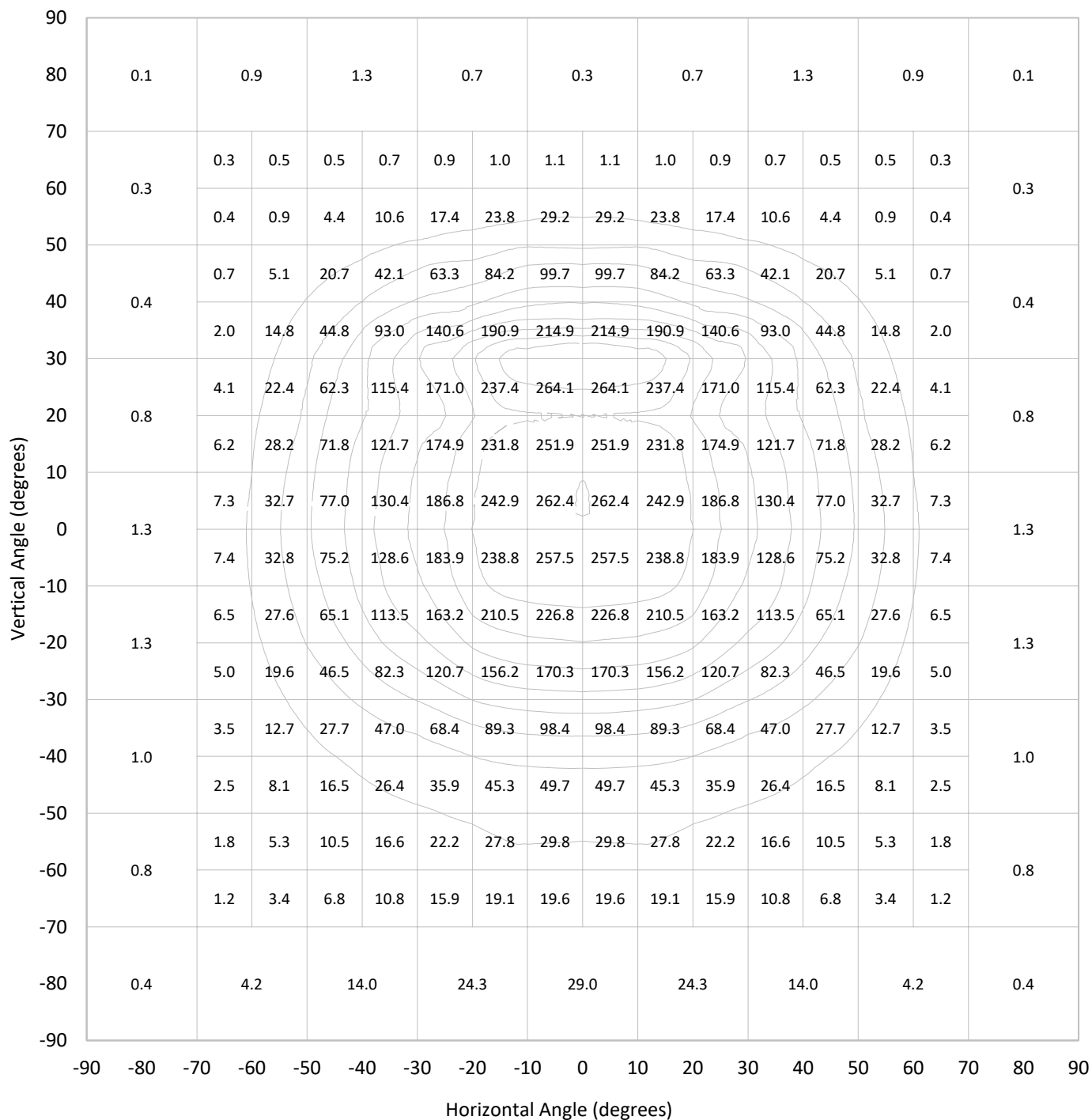
Iso-Candela Plot



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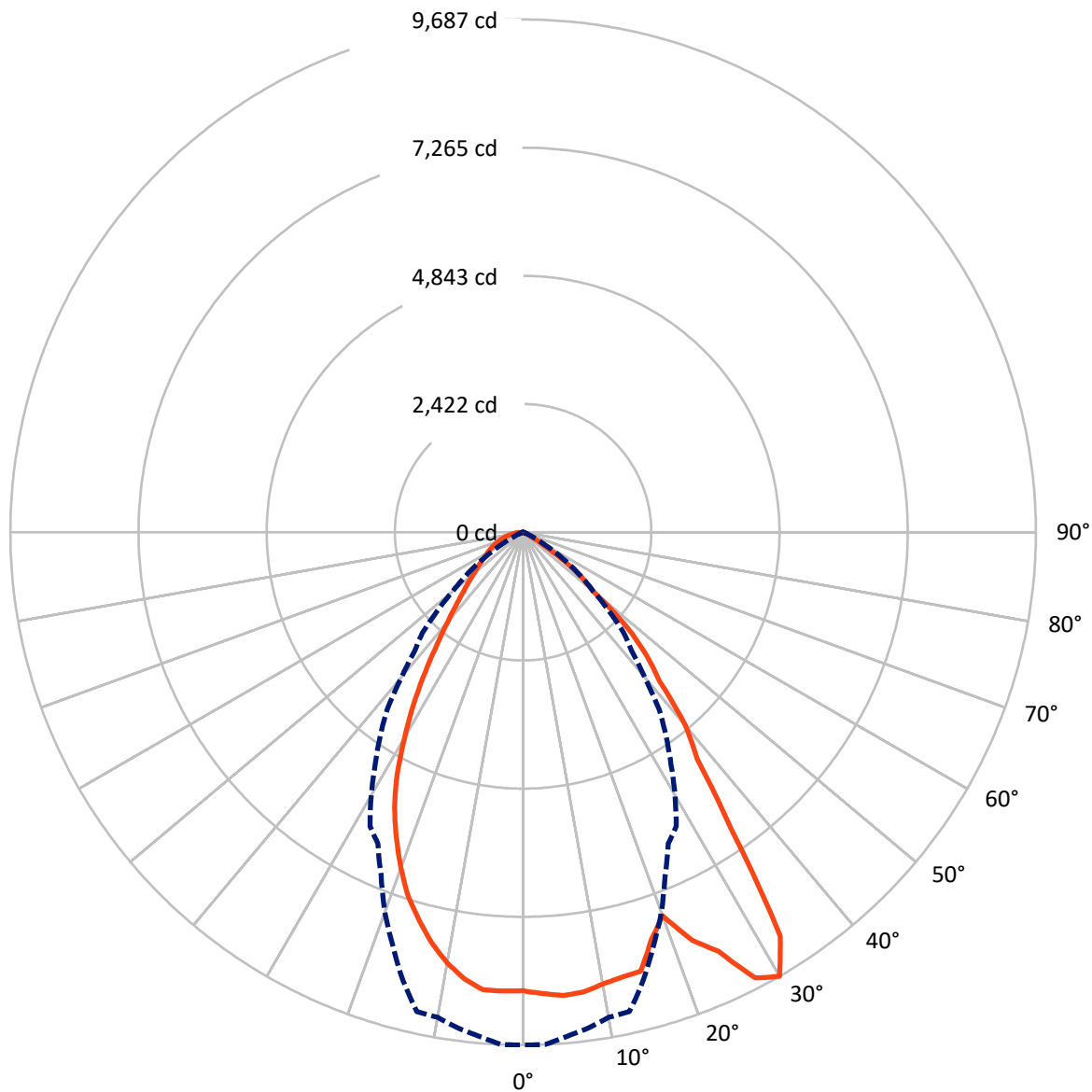
Lumen Table



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Luminous Intensity Polar Plot



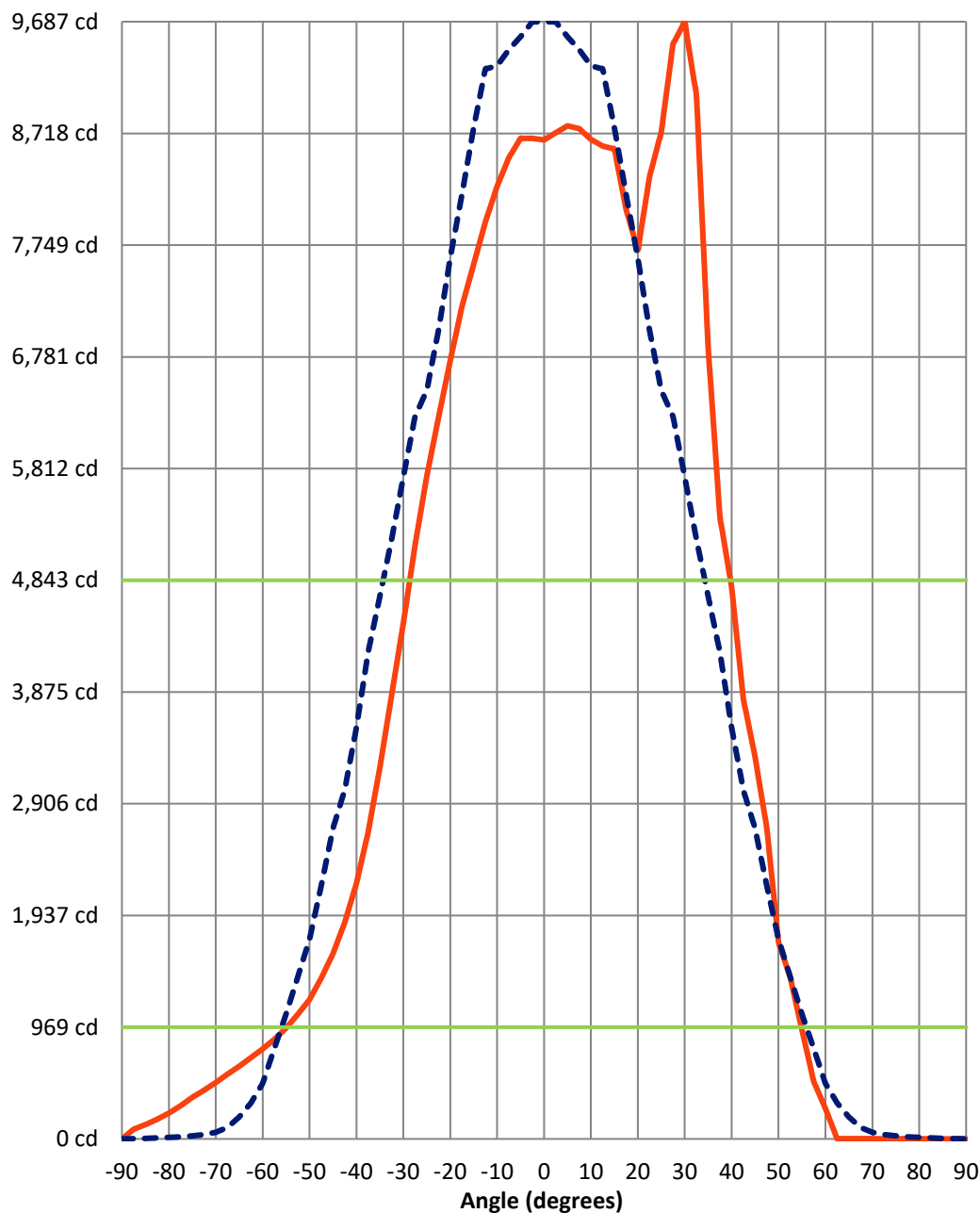
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 8852.1

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 13081.7

Efficiency: 94.3%

Spill:

Lumens: 794

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	2.2	2.2	2.2	2.2	2.2	2.2	2.2
85°	0.0	2.2	2.2	2.2	4.4	4.4	4.4	4.4	4.4	4.4	6.6
82.5°	0.0	2.2	2.2	2.2	4.4	4.4	4.4	4.4	6.6	6.6	8.8
80°	2.2	2.2	2.2	2.2	4.4	4.4	4.4	6.6	6.6	8.8	8.8
77.5°	2.2	2.2	2.2	4.4	4.4	4.4	6.6	6.6	8.8	8.8	11.0
75°	2.2	2.2	2.2	4.4	4.4	6.6	6.6	6.6	8.8	8.8	11.0
72.5°	0.0	2.2	2.2	4.4	4.4	6.6	6.6	6.6	8.8	8.8	8.8
70°	2.2	2.2	2.2	4.4	4.4	6.6	6.6	6.6	8.8	8.8	8.8
67.5°	2.2	2.2	2.2	4.4	4.4	6.6	6.6	8.8	8.8	8.8	11.0
65°	2.2	2.2	2.2	4.4	6.6	6.6	8.8	11.0	11.0	13.3	15.5
62.5°	2.2	4.4	4.4	6.6	8.8	11.0	24.3	37.6	37.6	26.5	22.1
60°	262.9	285.0	282.8	256.3	223.1	187.8	181.1	174.5	161.3	141.4	148.0
57.5°	499.3	525.8	536.8	530.2	512.5	481.6	463.9	444.0	417.5	386.6	351.2
55°	945.5	956.5	932.2	885.8	835.0	784.2	766.6	740.0	700.3	660.5	607.5
52.5°	1398.3	1435.9	1424.9	1378.5	1310.0	1219.4	1120.0	1042.7	996.3	952.1	899.1
50°	1707.6	1723.1	1754.0	1809.2	1829.1	1767.3	1606.0	1398.3	1250.3	1325.4	1268.0
47.5°	2695.1	2772.4	2756.9	2717.2	2650.9	2483.0	2257.7	2072.1	1917.5	1866.7	1875.5
45°	3311.4	3342.3	3331.3	3313.6	3282.7	3125.8	2876.2	2591.3	2447.7	2390.2	2330.6
42.5°	3817.3	3850.4	3857.1	3859.3	3826.1	3682.5	3457.2	3172.2	3028.6	2863.0	2732.6
40°	4782.7	4831.3	4776.0	4703.1	4592.7	4429.2	4208.3	3945.4	3691.4	3488.1	3333.5
37.5°	5399.0	5458.6	5480.7	5476.3	5452.0	5381.3	5109.6	4860.0	4471.2	4016.1	4097.8
35°	6861.4	6923.3	6905.6	6839.3	6804.0	6728.9	6463.8	6167.8	5679.5	5184.7	5052.2
32.5°	9041.8	9176.5	8924.7	8648.6	8478.5	8538.1	8268.6	7544.0	7318.7	6426.2	6013.1
30°	9686.8	9684.6	9556.5	9443.8	9304.6	9275.9	8767.8	8189.1	7636.8	7011.6	6490.3
27.5°	9490.2	9450.4	9342.2	9260.5	9130.1	9061.6	8564.6	8105.1	7466.7	6907.8	6404.1
25°	8732.5	8763.4	8653.0	8637.5	8586.7	8454.2	8206.7	7689.8	7119.9	6501.3	6139.0
22.5°	8341.5	8330.4	8197.9	8120.6	8182.4	8041.1	7941.6	7420.3	6826.1	6304.7	5869.5
20°	7705.3	7707.5	7674.3	7667.7	7630.2	7566.1	7486.6	7117.7	6697.9	6251.7	5728.1
17.5°	8060.9	8151.5	8191.3	7862.1	7954.9	7882.0	7798.1	7283.3	6967.4	6572.0	5889.4
15°	8582.3	8549.1	8509.4	8491.7	8440.9	8372.4	8220.0	7809.1	7265.7	6857.0	6324.6
12.5°	8608.8	8544.7	8529.3	8527.1	8474.0	8379.0	8231.0	7890.8	7409.3	6912.2	6479.2
10°	8666.2	8600.0	8591.1	8602.2	8520.4	8460.8	8312.8	7996.9	7453.4	7007.2	6598.5
7.5°	8759.0	8648.6	8699.4	8666.2	8628.7	8533.7	8374.6	8065.4	7614.7	7133.1	6704.6
5°	8783.3	8661.8	8717.0	8686.1	8630.9	8538.1	8365.8	8109.5	7714.1	7183.9	6746.5
2.5°	8723.7	8688.3	8664.0	8606.6	8582.3	8480.7	8317.2	8043.3	7667.7	7161.8	6737.7
0°	8661.8	8692.7	8637.5	8580.1	8569.0	8487.3	8348.1	8100.7	7776.0	7223.7	6812.8
-2.5°	8675.1	8650.8	8613.2	8553.6	8496.1	8379.0	8253.1	8021.2	7672.1	7088.9	6706.8
-5°	8675.1	8562.4	8566.8	8569.0	8511.6	8390.1	8237.7	8041.1	7610.3	7086.7	6675.8
-7.5°	8507.2	8410.0	8394.5	8381.3	8365.8	8253.1	8133.8	7888.6	7506.5	7029.3	6589.7
-10°	8259.8	8164.8	8173.6	8153.7	8105.1	8030.0	7939.4	7718.5	7404.8	6848.2	6415.2
-12.5°	7950.5	7908.5	7884.2	7851.1	7802.5	7736.2	7643.4	7435.8	7100.0	6625.0	6214.1
-15°	7583.8	7552.8	7530.8	7510.9	7440.2	7371.7	7250.2	7058.0	6848.2	6337.9	5918.1
-17.5°	7217.1	7139.7	7108.8	7082.3	7035.9	6925.5	6815.0	6671.4	6377.6	5973.4	5613.3
-20°	6746.5	6700.1	6662.6	6627.2	6561.0	6474.8	6384.2	6218.6	5964.5	5637.6	5264.2

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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°	6253.9	6227.4	6196.5	6152.3	6108.1	6026.4	5900.5	5741.4	5542.6	5189.1	4840.1
-25°	5745.8	5695.0	5657.5	5615.5	5580.1	5505.0	5383.5	5231.1	4981.5	4676.6	4385.0
-27.5°	5147.2	5098.6	5078.7	5030.1	4999.2	4930.7	4809.2	4667.8	4442.5	4186.2	3890.2
-30°	4471.2	4480.0	4457.9	4411.5	4374.0	4285.6	4192.8	4073.5	3896.8	3651.6	3386.5
-32.5°	3846.0	3857.1	3830.5	3781.9	3733.3	3669.3	3583.1	3474.9	3342.3	3108.2	2878.4
-35°	3220.8	3216.4	3194.3	3165.6	3132.5	3079.5	2982.3	2900.5	2748.1	2584.6	2425.6
-37.5°	2659.7	2670.8	2664.2	2648.7	2611.1	2567.0	2487.4	2412.3	2299.7	2156.1	2032.4
-40°	2215.7	2229.0	2220.1	2204.7	2171.5	2145.0	2092.0	2025.7	1935.2	1811.4	1707.6
-42.5°	1875.5	1884.3	1873.3	1860.0	1831.3	1811.4	1769.5	1714.2	1639.1	1544.1	1451.4
-45°	1606.0	1608.2	1597.2	1588.3	1566.2	1541.9	1506.6	1462.4	1402.8	1336.5	1261.4
-47.5°	1393.9	1391.7	1380.7	1371.8	1354.2	1332.1	1303.4	1263.6	1217.2	1166.4	1106.7
-50°	1208.4	1219.4	1215.0	1206.2	1192.9	1177.4	1148.7	1106.7	1060.4	1022.8	980.8
-52.5°	1080.2	1082.4	1080.2	1080.2	1078.0	1067.0	1033.8	991.9	941.1	907.9	872.6
-55°	961.0	972.0	976.4	980.8	983.0	983.0	943.3	899.1	850.5	817.4	790.9
-57.5°	863.8	870.4	874.8	885.8	894.7	901.3	866.0	826.2	788.6	757.7	733.4
-60°	779.8	788.6	795.3	806.3	812.9	817.4	795.3	768.8	746.7	726.8	691.4
-62.5°	704.7	711.3	718.0	724.6	731.2	735.6	726.8	713.5	702.5	693.7	649.5
-65°	629.6	636.2	642.8	651.7	658.3	662.7	660.5	651.7	642.8	634.0	594.2
-67.5°	561.1	567.7	576.6	578.8	583.2	585.4	581.0	574.4	563.3	552.3	521.3
-70°	488.2	492.6	497.0	497.0	497.0	494.8	490.4	481.6	470.5	455.1	430.8
-72.5°	421.9	426.4	430.8	424.1	419.7	413.1	406.5	395.4	384.4	373.3	360.1
-75°	360.1	362.3	362.3	353.5	346.8	340.2	331.4	324.7	313.7	304.9	293.8
-77.5°	287.2	287.2	287.2	280.6	276.1	271.7	265.1	258.5	249.6	243.0	234.2
-80°	223.1	223.1	223.1	220.9	214.3	209.9	205.4	201.0	194.4	190.0	185.6
-82.5°	170.1	170.1	170.1	167.9	163.5	161.3	156.8	152.4	150.2	145.8	143.6
-85°	123.7	125.9	125.9	123.7	121.5	117.1	114.9	112.7	110.5	108.2	103.8
-87.5°	83.9	83.9	83.9	81.7	79.5	79.5	77.3	72.9	68.5	66.3	64.1
-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°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
85°	6.6	6.6	6.6	8.8	8.8	8.8	8.8	8.8	8.8	8.8	6.6
82.5°	11.0	11.0	13.3	13.3	15.5	15.5	15.5	15.5	15.5	15.5	15.5
80°	11.0	13.3	15.5	17.7	19.9	22.1	22.1	22.1	22.1	19.9	19.9
77.5°	13.3	13.3	15.5	17.7	19.9	22.1	24.3	26.5	24.3	24.3	24.3
75°	13.3	15.5	15.5	17.7	19.9	22.1	24.3	26.5	26.5	26.5	26.5
72.5°	11.0	13.3	15.5	17.7	17.7	19.9	22.1	22.1	24.3	24.3	26.5
70°	11.0	13.3	15.5	15.5	17.7	17.7	19.9	22.1	22.1	24.3	24.3
67.5°	13.3	15.5	15.5	17.7	19.9	19.9	19.9	22.1	22.1	24.3	24.3
65°	15.5	17.7	17.7	19.9	22.1	22.1	24.3	24.3	24.3	26.5	26.5
62.5°	26.5	26.5	26.5	24.3	26.5	26.5	26.5	28.7	28.7	26.5	28.7
60°	137.0	99.4	68.5	86.2	77.3	35.3	35.3	35.3	33.1	33.1	30.9
57.5°	322.5	300.4	258.5	218.7	196.6	174.5	108.2	44.2	44.2	39.8	35.3
55°	539.0	466.1	435.2	382.2	324.7	298.2	247.4	167.9	79.5	53.0	46.4
52.5°	835.0	766.6	687.0	578.8	501.5	439.6	397.6	315.9	212.1	112.7	70.7
50°	1117.8	1086.9	1038.3	932.2	771.0	667.1	598.7	505.9	380.0	232.0	132.5
47.5°	1800.4	1541.9	1385.1	1303.4	1168.6	972.0	839.5	735.6	583.2	391.0	234.2
45°	2266.5	2103.0	1853.4	1681.1	1482.3	1274.6	1102.3	983.0	801.9	585.4	366.7
42.5°	2666.4	2525.0	2299.7	2047.8	1838.0	1566.2	1345.3	1188.5	1036.1	799.7	547.9
40°	3181.1	3013.2	2796.7	2551.5	2306.3	1959.5	1601.6	1411.6	1243.7	1033.8	740.0
37.5°	4029.4	3733.3	3379.9	3108.2	2787.9	2494.1	2003.6	1667.9	1469.0	1250.3	965.4
35°	5050.0	4725.2	4135.4	3775.3	3346.8	2909.4	2467.5	1970.5	1687.7	1455.8	1173.0
32.5°	5999.9	5524.9	4769.4	4347.5	4062.5	3256.2	2798.9	2368.1	1913.1	1628.1	1292.3
30°	6262.7	5739.2	5198.0	4705.3	4219.3	3567.7	3026.4	2690.7	2195.8	1731.9	1405.0
27.5°	5997.7	5637.6	5217.8	4760.6	4234.8	3675.9	3165.6	2845.3	2403.5	1802.6	1493.3
25°	5728.1	5352.6	5058.8	4676.6	4190.6	3669.3	3170.0	2942.5	2564.7	1939.6	1541.9
22.5°	5443.2	5209.0	4966.0	4539.7	4080.2	3689.2	3313.6	3026.4	2648.7	2094.2	1561.8
20°	5458.6	5306.2	5038.9	4469.0	4060.3	3806.2	3485.9	3132.5	2739.3	2229.0	1577.3
17.5°	5706.1	5507.2	5171.5	4676.6	4239.2	3925.5	3629.5	3278.3	2832.0	2348.3	1765.1
15°	6010.9	5708.3	5357.0	4921.8	4427.0	4055.9	3740.0	3379.9	2938.1	2458.7	1932.9
12.5°	6231.8	5801.0	5471.9	5078.7	4630.2	4197.3	3812.9	3457.2	3037.5	2549.3	2058.9
10°	6306.9	5915.9	5527.1	5175.9	4734.1	4272.4	3868.1	3505.8	3123.6	2620.0	2151.6
7.5°	6346.7	6015.3	5564.7	5220.1	4795.9	4318.8	3912.3	3532.3	3192.1	2668.6	2211.3
5°	6342.3	6068.3	5593.4	5233.3	4829.1	4338.6	3943.2	3538.9	3240.7	2710.5	2246.6
2.5°	6322.4	6103.7	5639.8	5255.4	4895.3	4376.2	4002.9	3552.2	3258.4	2756.9	2270.9
0°	6395.3	6105.9	5688.4	5262.0	4939.5	4389.4	4029.4	3541.2	3234.1	2770.2	2268.7
-2.5°	6238.4	5975.6	5677.3	5204.6	4879.9	4358.5	3980.8	3505.8	3181.1	2754.7	2259.9
-5°	6211.9	5880.6	5584.6	5151.6	4780.5	4294.5	3890.2	3439.5	3097.1	2703.9	2224.5
-7.5°	6141.2	5790.0	5494.0	5109.6	4687.7	4228.2	3804.0	3371.1	3006.6	2624.4	2173.7
-10°	5986.6	5650.8	5396.8	5019.0	4575.0	4133.2	3700.2	3280.5	2900.5	2516.1	2094.2
-12.5°	5765.7	5429.9	5178.1	4826.8	4433.6	4005.1	3576.5	3163.4	2779.0	2401.3	1999.2
-15°	5516.1	5175.9	4924.0	4603.7	4223.8	3806.2	3419.7	3015.4	2639.9	2279.8	1886.6
-17.5°	5233.3	4910.8	4667.8	4356.3	3978.6	3580.9	3196.5	2829.8	2478.6	2153.9	1756.2
-20°	4906.4	4592.7	4369.6	4058.1	3711.3	3324.7	2951.3	2604.5	2288.6	1983.8	1612.6

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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°	4502.1	4226.0	3971.9	3693.6	3390.9	3037.5	2690.7	2383.6	2081.0	1782.7	1464.6
-25°	4089.0	3821.7	3574.3	3320.2	3030.9	2726.0	2430.0	2151.6	1855.6	1586.1	1321.0
-27.5°	3629.5	3390.9	3170.0	2935.9	2670.8	2407.9	2164.9	1893.2	1636.9	1407.2	1179.6
-30°	3139.1	2944.7	2752.5	2544.9	2330.6	2109.7	1893.2	1636.9	1435.9	1252.5	1060.4
-32.5°	2668.6	2494.1	2339.4	2184.8	1999.2	1818.1	1625.9	1435.9	1268.0	1106.7	945.5
-35°	2255.5	2069.9	1983.8	1860.0	1712.0	1548.6	1391.7	1259.2	1124.4	978.6	835.0
-37.5°	1897.6	1778.3	1676.7	1583.9	1466.8	1325.4	1212.8	1104.5	991.9	859.3	735.6
-40°	1617.0	1530.9	1429.3	1360.8	1265.8	1164.2	1051.5	961.0	866.0	757.7	656.1
-42.5°	1391.7	1321.0	1254.8	1181.9	1111.2	1025.0	927.8	841.7	755.5	676.0	592.0
-45°	1206.2	1155.3	1102.3	1042.7	980.8	905.7	826.2	737.8	676.0	605.3	534.6
-47.5°	1053.7	1016.2	972.0	925.6	872.6	806.3	733.4	669.4	605.3	545.6	477.2
-50°	932.2	896.9	861.5	821.8	775.4	718.0	662.7	603.1	543.4	486.0	421.9
-52.5°	830.6	799.7	771.0	737.8	693.7	645.1	594.2	541.2	486.0	428.6	377.8
-55°	759.9	724.6	695.9	662.7	623.0	576.6	530.2	481.6	428.6	384.4	342.4
-57.5°	702.5	662.7	629.6	594.2	554.5	514.7	472.7	428.6	388.8	346.8	307.1
-60°	653.9	607.5	569.9	534.6	497.0	459.5	424.1	386.6	349.0	311.5	271.7
-62.5°	603.1	554.5	508.1	475.0	446.2	413.1	382.2	346.8	313.7	276.1	247.4
-65°	545.6	499.3	455.1	426.4	399.8	371.1	342.4	311.5	282.8	254.0	227.5
-67.5°	481.6	441.8	410.9	384.4	357.9	333.6	307.1	280.6	256.3	227.5	201.0
-70°	404.3	382.2	364.5	344.6	320.3	298.2	273.9	249.6	223.1	198.8	174.5
-72.5°	344.6	331.4	318.1	298.2	276.1	256.3	236.4	214.3	192.2	170.1	150.2
-75°	282.8	271.7	260.7	247.4	229.7	214.3	196.6	176.7	159.1	143.6	128.1
-77.5°	227.5	218.7	212.1	201.0	187.8	174.5	163.5	150.2	137.0	121.5	106.0
-80°	181.1	176.7	174.5	170.1	159.1	148.0	139.2	128.1	114.9	103.8	92.8
-82.5°	141.4	141.4	139.2	137.0	128.1	119.3	112.7	103.8	95.0	86.2	75.1
-85°	103.8	101.6	101.6	99.4	92.8	88.4	81.7	77.3	70.7	61.9	57.4
-87.5°	61.9	59.6	57.4	55.2	50.8	48.6	44.2	42.0	37.6	33.1	30.9
-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):

	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°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	0.0	0.0
85°	6.6	4.4	4.4	4.4	4.4	4.4	2.2	2.2	2.2	2.2	2.2
82.5°	13.3	13.3	11.0	11.0	8.8	6.6	4.4	4.4	4.4	2.2	2.2
80°	19.9	19.9	19.9	17.7	15.5	11.0	8.8	6.6	4.4	2.2	2.2
77.5°	24.3	22.1	22.1	19.9	19.9	17.7	13.3	11.0	6.6	4.4	2.2
75°	24.3	24.3	24.3	22.1	22.1	19.9	17.7	13.3	11.0	6.6	4.4
72.5°	26.5	24.3	24.3	24.3	22.1	19.9	17.7	15.5	13.3	8.8	4.4
70°	24.3	24.3	24.3	24.3	22.1	22.1	17.7	15.5	15.5	8.8	6.6
67.5°	24.3	24.3	24.3	22.1	22.1	19.9	17.7	15.5	15.5	11.0	6.6
65°	26.5	24.3	24.3	24.3	22.1	19.9	17.7	15.5	15.5	13.3	8.8
62.5°	28.7	26.5	26.5	24.3	22.1	19.9	17.7	15.5	15.5	13.3	8.8
60°	30.9	28.7	26.5	26.5	24.3	22.1	17.7	17.7	15.5	13.3	8.8
57.5°	33.1	30.9	30.9	28.7	26.5	24.3	19.9	17.7	15.5	13.3	11.0
55°	39.8	35.3	33.1	33.1	30.9	26.5	22.1	17.7	15.5	13.3	11.0
52.5°	53.0	42.0	37.6	37.6	35.3	30.9	24.3	19.9	15.5	13.3	11.0
50°	83.9	53.0	44.2	39.8	39.8	35.3	28.7	22.1	15.5	13.3	11.0
47.5°	132.5	88.4	53.0	46.4	44.2	42.0	33.1	22.1	17.7	13.3	11.0
45°	218.7	130.3	86.2	55.2	46.4	44.2	37.6	24.3	17.7	15.5	11.0
42.5°	300.4	203.2	132.5	66.3	55.2	48.6	39.8	26.5	19.9	15.5	11.0
40°	472.7	278.3	185.6	108.2	64.1	50.8	44.2	30.9	19.9	15.5	11.0
37.5°	640.6	368.9	249.6	159.1	72.9	57.4	46.4	33.1	22.1	15.5	13.3
35°	808.5	516.9	309.3	212.1	97.2	68.5	48.6	35.3	22.1	15.5	13.3
32.5°	958.7	656.1	371.1	265.1	145.8	81.7	53.0	37.6	24.3	17.7	13.3
30°	1082.4	784.2	481.6	311.5	190.0	99.4	57.4	37.6	26.5	17.7	13.3
27.5°	1175.2	883.6	594.2	360.1	227.5	117.1	66.3	42.0	26.5	17.7	13.3
25°	1250.3	961.0	693.7	410.9	260.7	145.8	79.5	44.2	28.7	19.9	13.3
22.5°	1310.0	1025.0	775.4	479.4	300.4	174.5	97.2	48.6	28.7	19.9	13.3
20°	1391.7	1089.1	830.6	552.3	342.4	201.0	112.7	53.0	28.7	19.9	15.5
17.5°	1462.4	1153.1	874.8	614.1	384.4	220.9	130.3	57.4	30.9	19.9	15.5
15°	1544.1	1215.0	914.6	662.7	424.1	238.6	145.8	61.9	30.9	22.1	15.5
12.5°	1632.5	1272.4	943.3	702.5	466.1	254.0	159.1	70.7	33.1	22.1	15.5
10°	1723.1	1321.0	967.6	731.2	497.0	269.5	167.9	79.5	35.3	22.1	15.5
7.5°	1813.7	1365.2	998.5	744.5	510.3	287.2	172.3	88.4	35.3	24.3	15.5
5°	1875.5	1393.9	1042.7	753.3	516.9	307.1	178.9	99.4	37.6	24.3	15.5
2.5°	1928.5	1411.6	1089.1	759.9	519.1	318.1	176.7	106.0	39.8	24.3	15.5
0°	1952.8	1411.6	1120.0	755.5	512.5	329.2	176.7	112.7	39.8	24.3	15.5
-2.5°	1915.3	1451.4	1111.2	757.7	514.7	329.2	185.6	114.9	44.2	26.5	15.5
-5°	1855.6	1466.8	1084.7	746.7	510.3	329.2	196.6	117.1	46.4	26.5	17.7
-7.5°	1798.2	1473.5	1053.7	735.6	503.7	320.3	198.8	114.9	50.8	28.7	17.7
-10°	1723.1	1400.6	1014.0	715.7	490.4	313.7	203.2	114.9	53.0	28.7	17.7
-12.5°	1636.9	1312.2	965.4	687.0	475.0	307.1	205.4	114.9	55.2	30.9	17.7
-15°	1537.5	1221.6	910.1	656.1	452.9	298.2	201.0	112.7	57.4	30.9	19.9
-17.5°	1424.9	1133.3	852.7	618.5	428.6	287.2	192.2	110.5	57.4	30.9	19.9
-20°	1296.7	1044.9	788.6	581.0	399.8	273.9	183.4	106.0	57.4	30.9	19.9

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CATALOG NUMBER: IFLD-S-SA3A-735-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1181.9	963.2	722.4	539.0	368.9	258.5	172.3	101.6	57.4	33.1	19.9
-25°	1086.9	883.6	671.6	497.0	335.8	240.8	161.3	97.2	57.4	33.1	19.9
-27.5°	987.5	797.5	618.5	457.3	313.7	225.3	150.2	92.8	55.2	33.1	19.9
-30°	885.8	713.5	563.3	413.1	291.6	209.9	141.4	86.2	55.2	33.1	19.9
-32.5°	793.1	645.1	512.5	368.9	267.3	194.4	132.5	83.9	53.0	33.1	19.9
-35°	702.5	583.2	459.5	333.6	240.8	178.9	123.7	81.7	53.0	33.1	19.9
-37.5°	627.4	525.8	410.9	309.3	225.3	165.7	114.9	77.3	50.8	33.1	19.9
-40°	565.5	472.7	364.5	282.8	212.1	152.4	106.0	75.1	50.8	33.1	19.9
-42.5°	508.1	421.9	335.8	260.7	198.8	143.6	99.4	72.9	48.6	33.1	19.9
-45°	457.3	377.8	307.1	240.8	183.4	132.5	95.0	68.5	46.4	33.1	22.1
-47.5°	406.5	346.8	280.6	223.1	167.9	119.3	90.6	66.3	44.2	30.9	22.1
-50°	366.7	313.7	258.5	203.2	152.4	114.9	86.2	61.9	44.2	30.9	22.1
-52.5°	331.4	282.8	234.2	183.4	139.2	108.2	81.7	57.4	42.0	30.9	22.1
-55°	298.2	254.0	209.9	163.5	130.3	101.6	75.1	53.0	42.0	30.9	22.1
-57.5°	265.1	227.5	185.6	148.0	119.3	95.0	70.7	53.0	42.0	30.9	22.1
-60°	238.6	203.2	167.9	137.0	110.5	86.2	64.1	50.8	39.8	30.9	22.1
-62.5°	216.5	183.4	152.4	123.7	101.6	77.3	61.9	50.8	39.8	30.9	19.9
-65°	194.4	165.7	137.0	112.7	90.6	72.9	59.6	48.6	39.8	30.9	19.9
-67.5°	172.3	145.8	123.7	99.4	83.9	70.7	57.4	48.6	37.6	28.7	19.9
-70°	150.2	128.1	108.2	92.8	79.5	66.3	55.2	46.4	37.6	26.5	17.7
-72.5°	132.5	112.7	97.2	86.2	75.1	64.1	53.0	44.2	35.3	24.3	15.5
-75°	112.7	99.4	88.4	77.3	68.5	59.6	50.8	39.8	30.9	22.1	15.5
-77.5°	95.0	86.2	77.3	70.7	61.9	53.0	44.2	35.3	28.7	19.9	13.3
-80°	81.7	75.1	68.5	61.9	55.2	46.4	39.8	30.9	24.3	17.7	11.0
-82.5°	66.3	61.9	55.2	50.8	46.4	39.8	33.1	26.5	17.7	13.3	8.8
-85°	50.8	46.4	44.2	39.8	35.3	28.7	22.1	17.7	13.3	8.8	4.4
-87.5°	26.5	24.3	22.1	19.9	17.7	13.3	11.0	8.8	6.6	4.4	2.2
-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°	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°	2.2	0.0	0.0	0.0
77.5°	2.2	0.0	0.0	0.0
75°	2.2	2.2	0.0	0.0
72.5°	2.2	2.2	0.0	0.0
70°	2.2	2.2	0.0	0.0
67.5°	4.4	2.2	0.0	0.0
65°	4.4	2.2	0.0	0.0
62.5°	4.4	2.2	0.0	0.0
60°	4.4	2.2	0.0	0.0
57.5°	6.6	2.2	2.2	0.0
55°	6.6	2.2	2.2	0.0
52.5°	6.6	2.2	2.2	0.0
50°	6.6	4.4	2.2	0.0
47.5°	6.6	4.4	2.2	0.0
45°	6.6	4.4	2.2	0.0
42.5°	6.6	4.4	2.2	0.0
40°	8.8	4.4	2.2	0.0
37.5°	8.8	4.4	2.2	0.0
35°	8.8	4.4	2.2	0.0
32.5°	8.8	4.4	2.2	0.0
30°	8.8	4.4	2.2	0.0
27.5°	8.8	6.6	2.2	0.0
25°	8.8	6.6	2.2	0.0
22.5°	11.0	6.6	2.2	0.0
20°	11.0	6.6	2.2	0.0
17.5°	11.0	6.6	2.2	0.0
15°	11.0	6.6	2.2	0.0
12.5°	11.0	6.6	2.2	0.0
10°	11.0	6.6	2.2	0.0
7.5°	11.0	6.6	2.2	0.0
5°	11.0	6.6	2.2	0.0
2.5°	11.0	6.6	2.2	0.0
0°	11.0	6.6	2.2	0.0
-2.5°	11.0	6.6	2.2	0.0
-5°	11.0	6.6	2.2	0.0
-7.5°	11.0	6.6	2.2	0.0
-10°	11.0	6.6	2.2	0.0
-12.5°	13.3	6.6	2.2	0.0
-15°	13.3	6.6	2.2	0.0
-17.5°	13.3	6.6	2.2	0.0
-20°	13.3	6.6	2.2	0.0

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CATALOG NUMBER: IFLD-S-SA3A-735-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	13.3	6.6	2.2	0.0
-25°	13.3	6.6	2.2	0.0
-27.5°	13.3	6.6	2.2	0.0
-30°	13.3	6.6	2.2	0.0
-32.5°	13.3	6.6	2.2	0.0
-35°	13.3	6.6	2.2	0.0
-37.5°	13.3	6.6	2.2	0.0
-40°	13.3	6.6	2.2	0.0
-42.5°	11.0	6.6	2.2	0.0
-45°	13.3	6.6	2.2	0.0
-47.5°	13.3	6.6	2.2	0.0
-50°	13.3	6.6	2.2	0.0
-52.5°	13.3	6.6	2.2	0.0
-55°	13.3	6.6	2.2	0.0
-57.5°	13.3	6.6	2.2	0.0
-60°	13.3	6.6	2.2	0.0
-62.5°	11.0	6.6	2.2	0.0
-65°	11.0	4.4	2.2	0.0
-67.5°	11.0	4.4	2.2	0.0
-70°	11.0	4.4	2.2	0.0
-72.5°	8.8	4.4	2.2	0.0
-75°	8.8	4.4	2.2	0.0
-77.5°	6.6	2.2	0.0	0.0
-80°	6.6	2.2	0.0	0.0
-82.5°	4.4	2.2	0.0	0.0
-85°	2.2	2.2	0.0	0.0
-87.5°	2.2	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)