

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: P722573

Luminaire Tested: **IFLD-S-SA3A-827-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722573
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3A-827-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

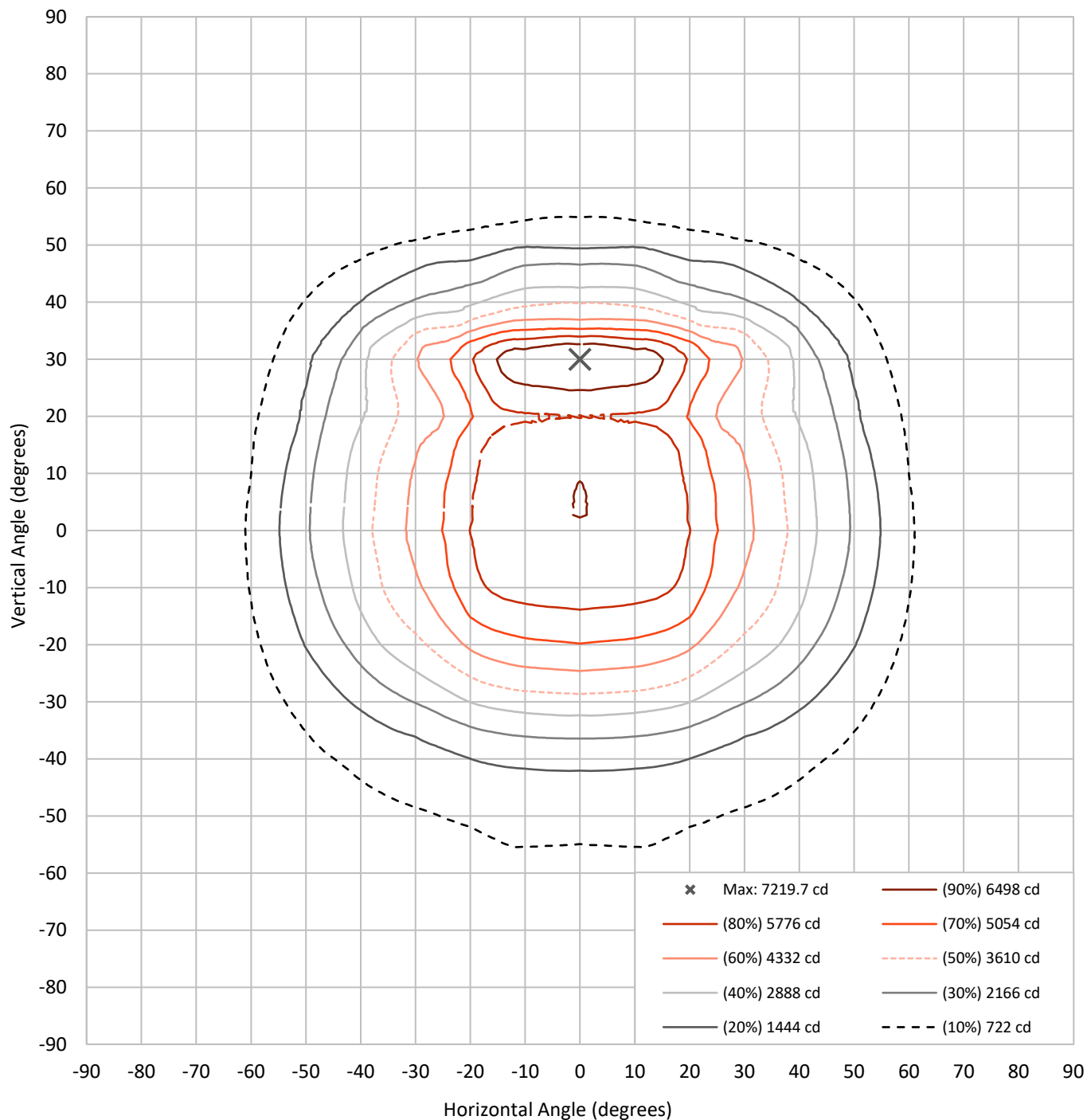
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	10341.7 lumens	Max Intensity:	7219.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	109.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	6597.6 lumens	Field Lumens:	9750 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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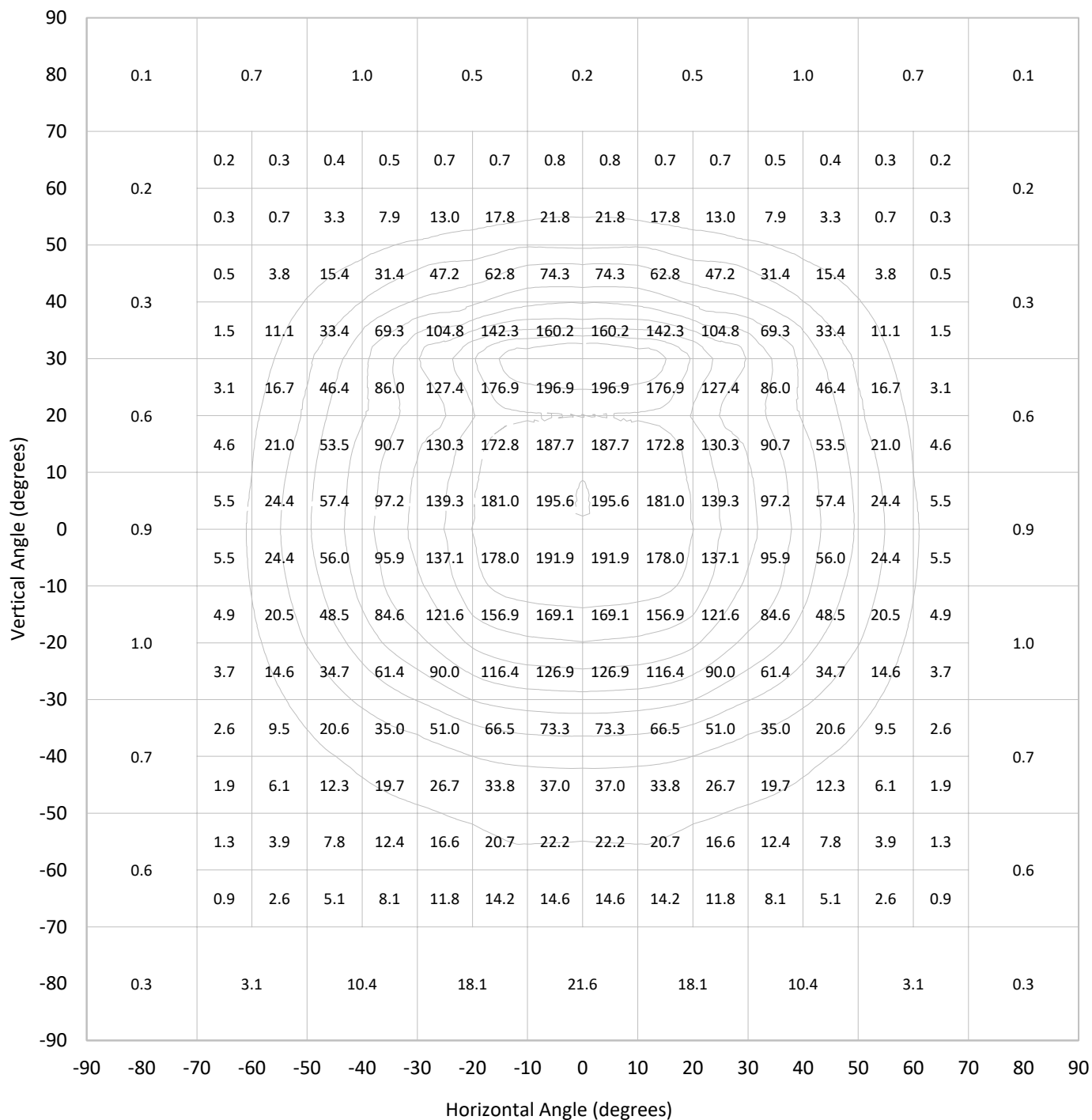
Iso-Candela Plot



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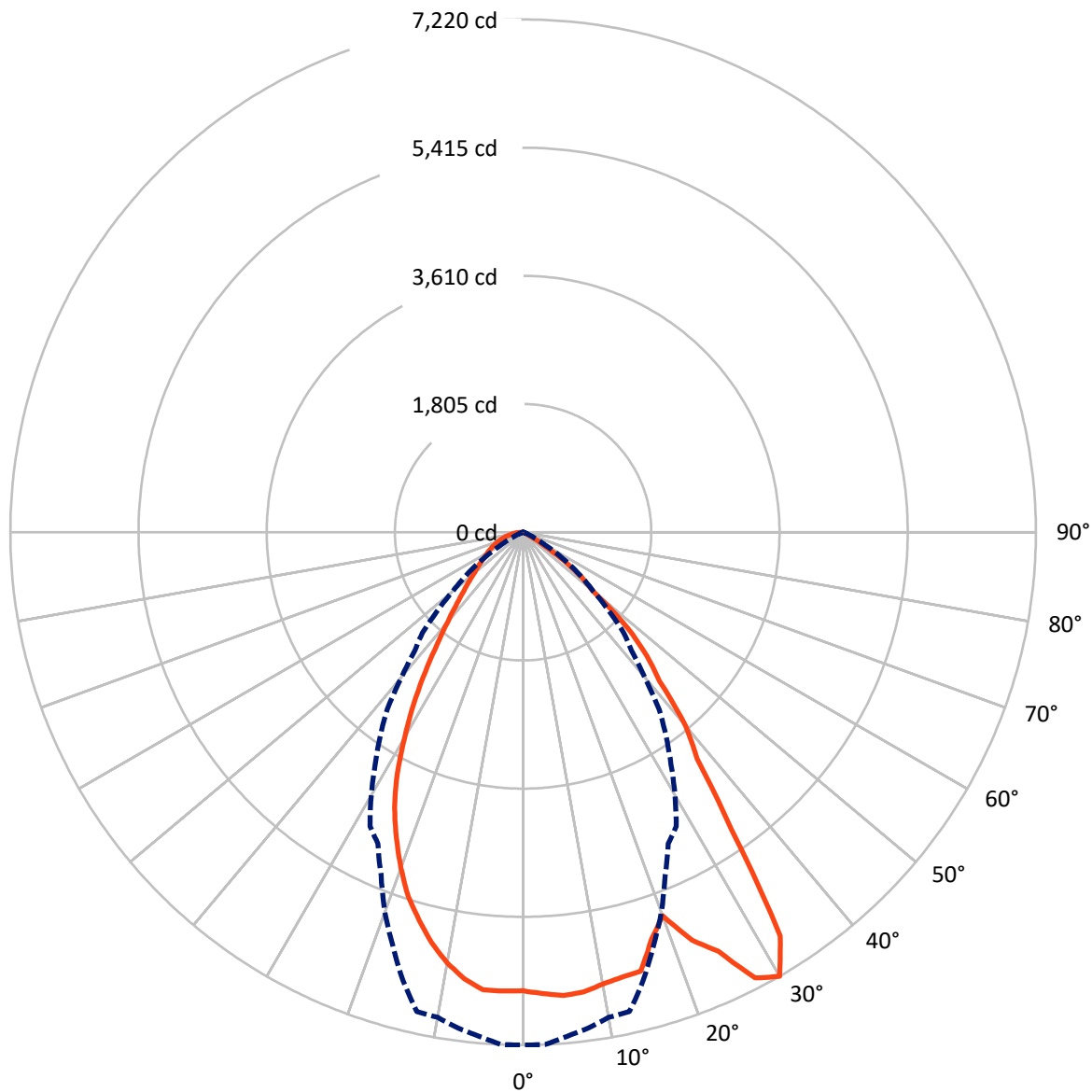
Lumen Table



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Luminous Intensity Polar Plot



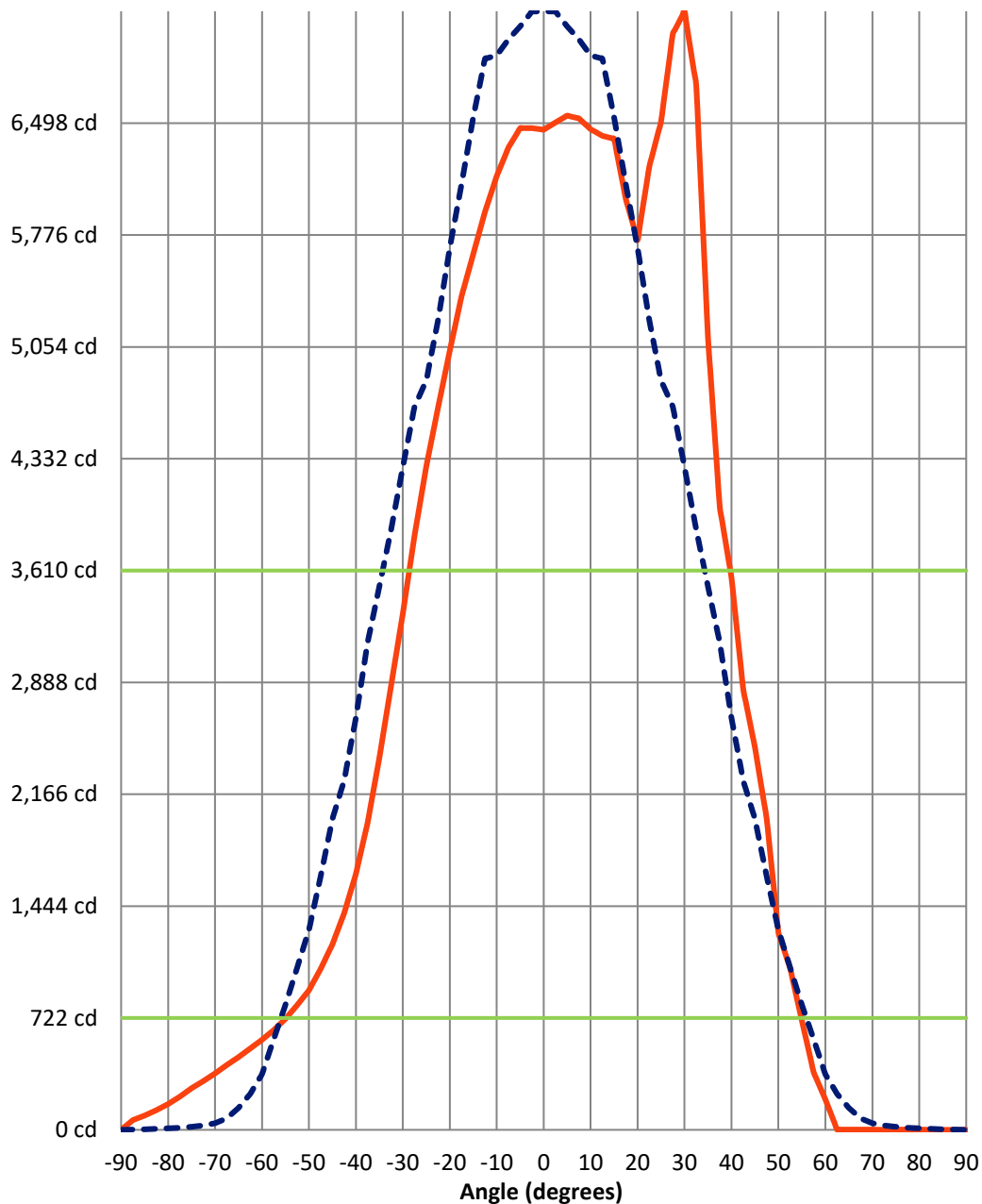
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 6597.6

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 9750

Efficiency: 94.3%

Spill:

Lumens: 591.8

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	1.6	1.6	1.6	1.6	1.6	1.6	1.6
85°	0.0	1.6	1.6	1.6	3.3	3.3	3.3	3.3	3.3	3.3	4.9
82.5°	0.0	1.6	1.6	1.6	3.3	3.3	3.3	3.3	4.9	4.9	6.6
80°	1.6	1.6	1.6	1.6	3.3	3.3	3.3	4.9	4.9	6.6	6.6
77.5°	1.6	1.6	1.6	3.3	3.3	3.3	4.9	4.9	6.6	6.6	8.2
75°	1.6	1.6	1.6	3.3	3.3	4.9	4.9	4.9	6.6	6.6	8.2
72.5°	0.0	1.6	1.6	3.3	3.3	4.9	4.9	4.9	6.6	6.6	6.6
70°	1.6	1.6	1.6	3.3	3.3	4.9	4.9	4.9	6.6	6.6	6.6
67.5°	1.6	1.6	1.6	3.3	3.3	4.9	4.9	6.6	6.6	6.6	8.2
65°	1.6	1.6	1.6	3.3	4.9	4.9	6.6	8.2	8.2	9.9	11.5
62.5°	1.6	3.3	3.3	4.9	6.6	8.2	18.1	28.0	28.0	19.8	16.5
60°	195.9	212.4	210.7	191.0	166.3	139.9	135.0	130.1	120.2	105.4	110.3
57.5°	372.1	391.9	400.1	395.1	382.0	358.9	345.8	330.9	311.2	288.1	261.8
55°	704.7	712.9	694.8	660.2	622.4	584.5	571.3	551.6	521.9	492.3	452.8
52.5°	1042.2	1070.2	1062.0	1027.4	976.3	908.8	834.8	777.1	742.5	709.6	670.1
50°	1272.7	1284.2	1307.3	1348.4	1363.3	1317.2	1197.0	1042.2	931.9	987.9	945.1
47.5°	2008.7	2066.3	2054.8	2025.1	1975.7	1850.6	1682.7	1544.4	1429.1	1391.3	1397.8
45°	2468.0	2491.1	2482.8	2469.7	2446.6	2329.7	2143.7	1931.3	1824.3	1781.5	1737.0
42.5°	2845.1	2869.8	2874.7	2876.4	2851.7	2744.6	2576.7	2364.3	2257.3	2133.8	2036.7
40°	3564.6	3600.8	3559.6	3505.3	3423.0	3301.1	3136.5	2940.6	2751.2	2599.7	2484.5
37.5°	4023.9	4068.4	4084.8	4081.6	4063.4	4010.8	3808.2	3622.2	3332.4	2993.2	3054.2
35°	5113.9	5160.0	5146.8	5097.4	5071.1	5015.1	4817.5	4596.9	4233.0	3864.2	3765.4
32.5°	6738.9	6839.4	6651.7	6445.9	6319.1	6363.5	6162.7	5622.6	5454.7	4789.5	4481.6
30°	7219.7	7218.0	7122.6	7038.6	6934.9	6913.5	6534.8	6103.4	5691.8	5225.8	4837.3
27.5°	7073.2	7043.5	6962.8	6901.9	6804.8	6753.7	6383.3	6040.8	5565.0	5148.5	4773.1
25°	6508.4	6531.5	6449.2	6437.6	6399.8	6301.0	6116.6	5731.3	5306.5	4845.5	4575.5
22.5°	6217.0	6208.8	6110.0	6052.4	6098.5	5993.1	5919.0	5530.4	5087.5	4699.0	4374.6
20°	5742.8	5744.5	5719.8	5714.8	5686.8	5639.1	5579.8	5304.9	4992.0	4659.5	4269.2
17.5°	6007.9	6075.4	6105.0	5859.7	5928.9	5874.5	5812.0	5428.4	5192.9	4898.2	4389.4
15°	6396.5	6371.8	6342.1	6329.0	6291.1	6240.1	6126.4	5820.2	5415.2	5110.6	4713.8
12.5°	6416.2	6368.5	6357.0	6355.3	6315.8	6245.0	6134.7	5881.1	5522.2	5151.7	4829.0
10°	6459.0	6409.6	6403.1	6411.3	6350.4	6305.9	6195.6	5960.2	5555.1	5222.5	4918.0
7.5°	6528.2	6445.9	6483.7	6459.0	6431.0	6360.2	6241.7	6011.2	5675.3	5316.4	4997.0
5°	6546.3	6455.7	6496.9	6473.8	6432.7	6363.5	6235.1	6044.1	5749.4	5354.3	5028.3
2.5°	6501.8	6475.5	6457.4	6414.6	6396.5	6320.7	6198.9	5994.7	5714.8	5337.8	5021.7
0°	6455.7	6478.8	6437.6	6394.8	6386.6	6325.7	6221.9	6037.5	5795.5	5383.9	5077.7
-2.5°	6465.6	6447.5	6419.5	6375.1	6332.3	6245.0	6151.1	5978.3	5718.1	5283.5	4998.6
-5°	6465.6	6381.6	6384.9	6386.6	6343.8	6253.2	6139.6	5993.1	5672.0	5281.8	4975.6
-7.5°	6340.5	6268.0	6256.5	6246.6	6235.1	6151.1	6062.2	5879.5	5594.6	5239.0	4911.4
-10°	6156.1	6085.3	6091.9	6077.1	6040.8	5984.9	5917.3	5752.7	5518.9	5104.0	4781.3
-12.5°	5925.6	5894.3	5876.2	5851.5	5815.3	5765.9	5696.7	5542.0	5291.7	4937.7	4631.5
-15°	5652.3	5629.2	5612.8	5597.9	5545.2	5494.2	5403.7	5260.4	5104.0	4723.7	4410.8
-17.5°	5379.0	5321.3	5298.3	5278.5	5243.9	5161.6	5079.3	4972.3	4753.3	4452.0	4183.6
-20°	5028.3	4993.7	4965.7	4939.4	4890.0	4825.8	4758.2	4634.8	4445.4	4201.7	3923.5

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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°	4661.1	4641.3	4618.3	4585.4	4552.4	4491.5	4397.7	4279.1	4130.9	3867.5	3607.4
-25°	4282.4	4244.6	4216.6	4185.3	4158.9	4103.0	4012.4	3898.8	3712.7	3485.5	3268.2
-27.5°	3836.2	3800.0	3785.2	3749.0	3725.9	3674.9	3584.3	3479.0	3311.0	3120.0	2899.4
-30°	3332.4	3339.0	3322.5	3288.0	3260.0	3194.1	3125.0	3036.1	2904.3	2721.6	2524.0
-32.5°	2866.5	2874.7	2854.9	2818.7	2782.5	2734.8	2670.5	2589.9	2491.1	2316.6	2145.3
-35°	2400.5	2397.2	2380.8	2359.4	2334.7	2295.2	2222.7	2161.8	2048.2	1926.3	1807.8
-37.5°	1982.3	1990.6	1985.6	1974.1	1946.1	1913.2	1853.9	1797.9	1714.0	1606.9	1514.7
-40°	1651.4	1661.3	1654.7	1643.2	1618.5	1598.7	1559.2	1509.8	1442.3	1350.1	1272.7
-42.5°	1397.8	1404.4	1396.2	1386.3	1364.9	1350.1	1318.8	1277.6	1221.7	1150.9	1081.7
-45°	1197.0	1198.6	1190.4	1183.8	1167.3	1149.2	1122.9	1090.0	1045.5	996.1	940.1
-47.5°	1038.9	1037.3	1029.0	1022.4	1009.3	992.8	971.4	941.8	907.2	869.3	824.9
-50°	900.6	908.8	905.5	899.0	889.1	877.6	856.2	824.9	790.3	762.3	731.0
-52.5°	805.1	806.8	805.1	805.1	803.5	795.2	770.5	739.3	701.4	676.7	650.3
-55°	716.2	724.4	727.7	731.0	732.7	732.7	703.0	670.1	633.9	609.2	589.4
-57.5°	643.8	648.7	652.0	660.2	666.8	671.8	645.4	615.8	587.8	564.7	546.6
-60°	581.2	587.8	592.7	601.0	605.9	609.2	592.7	573.0	556.5	541.7	515.3
-62.5°	525.2	530.2	535.1	540.0	545.0	548.3	541.7	531.8	523.6	517.0	484.1
-65°	469.2	474.2	479.1	485.7	490.6	493.9	492.3	485.7	479.1	472.5	442.9
-67.5°	418.2	423.1	429.7	431.4	434.7	436.3	433.0	428.1	419.8	411.6	388.6
-70°	363.9	367.2	370.5	370.5	370.5	368.8	365.5	358.9	350.7	339.2	321.1
-72.5°	314.5	317.8	321.1	316.1	312.8	307.9	302.9	294.7	286.5	278.3	268.4
-75°	268.4	270.0	270.0	263.4	258.5	253.6	247.0	242.0	233.8	227.2	219.0
-77.5°	214.0	214.0	214.0	209.1	205.8	202.5	197.6	192.6	186.0	181.1	174.5
-80°	166.3	166.3	166.3	164.6	159.7	156.4	153.1	149.8	144.9	141.6	138.3
-82.5°	126.8	126.8	126.8	125.1	121.8	120.2	116.9	113.6	112.0	108.7	107.0
-85°	92.2	93.8	93.8	92.2	90.6	87.3	85.6	84.0	82.3	80.7	77.4
-87.5°	62.6	62.6	62.6	60.9	59.3	59.3	57.6	54.3	51.0	49.4	47.7
-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°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
85°	4.9	4.9	4.9	6.6	6.6	6.6	6.6	6.6	6.6	6.6	4.9
82.5°	8.2	8.2	9.9	9.9	11.5	11.5	11.5	11.5	11.5	11.5	11.5
80°	8.2	9.9	11.5	13.2	14.8	16.5	16.5	16.5	16.5	14.8	14.8
77.5°	9.9	9.9	11.5	13.2	14.8	16.5	18.1	19.8	18.1	18.1	18.1
75°	9.9	11.5	11.5	13.2	14.8	16.5	18.1	19.8	19.8	19.8	19.8
72.5°	8.2	9.9	11.5	13.2	13.2	14.8	16.5	16.5	18.1	18.1	19.8
70°	8.2	9.9	11.5	11.5	13.2	13.2	14.8	16.5	16.5	18.1	18.1
67.5°	9.9	11.5	11.5	13.2	14.8	14.8	14.8	16.5	16.5	18.1	18.1
65°	11.5	13.2	13.2	14.8	16.5	16.5	18.1	18.1	18.1	19.8	19.8
62.5°	19.8	19.8	19.8	18.1	19.8	19.8	19.8	21.4	21.4	19.8	21.4
60°	102.1	74.1	51.0	64.2	57.6	26.3	26.3	26.3	24.7	24.7	23.1
57.5°	240.4	223.9	192.6	163.0	146.5	130.1	80.7	32.9	32.9	29.6	26.3
55°	401.7	347.4	324.4	284.8	242.0	222.3	184.4	125.1	59.3	39.5	34.6
52.5°	622.4	571.3	512.0	431.4	373.7	327.6	296.4	235.4	158.1	84.0	52.7
50°	833.1	810.1	773.8	694.8	574.6	497.2	446.2	377.0	283.2	172.9	98.8
47.5°	1341.9	1149.2	1032.3	971.4	871.0	724.4	625.7	548.3	434.7	291.4	174.5
45°	1689.3	1567.4	1381.4	1252.9	1104.8	950.0	821.6	732.7	597.7	436.3	273.3
42.5°	1987.3	1881.9	1714.0	1526.3	1369.8	1167.3	1002.7	885.8	772.2	596.0	408.3
40°	2370.9	2245.8	2084.4	1901.7	1718.9	1460.4	1193.7	1052.1	927.0	770.5	551.6
37.5°	3003.1	2782.5	2519.1	2316.6	2077.8	1858.8	1493.3	1243.1	1094.9	931.9	719.5
35°	3763.8	3521.8	3082.2	2813.8	2494.4	2168.4	1839.1	1468.6	1257.9	1085.0	874.3
32.5°	4471.8	4117.8	3554.7	3240.2	3027.8	2426.9	2086.1	1765.0	1425.8	1213.4	963.2
30°	4667.7	4277.5	3874.1	3506.9	3144.7	2659.0	2255.6	2005.4	1636.6	1290.8	1047.1
27.5°	4470.1	4201.7	3888.9	3548.1	3156.2	2739.7	2359.4	2120.6	1791.3	1343.5	1113.0
25°	4269.2	3989.4	3770.4	3485.5	3123.3	2734.8	2362.7	2193.1	1911.5	1445.6	1149.2
22.5°	4056.9	3882.3	3701.2	3383.5	3041.0	2749.6	2469.7	2255.6	1974.1	1560.8	1164.0
20°	4068.4	3954.8	3755.6	3330.8	3026.2	2836.8	2598.1	2334.7	2041.6	1661.3	1175.6
17.5°	4252.8	4104.6	3854.3	3485.5	3159.5	2925.7	2705.1	2443.3	2110.8	1750.2	1315.5
15°	4480.0	4254.4	3992.6	3668.3	3299.5	3022.9	2787.4	2519.1	2189.8	1832.5	1440.6
12.5°	4644.6	4323.6	4078.3	3785.2	3451.0	3128.3	2841.8	2576.7	2263.9	1900.0	1534.5
10°	4700.6	4409.2	4119.4	3857.6	3528.3	3184.2	2882.9	2612.9	2328.1	1952.7	1603.6
7.5°	4730.3	4483.3	4147.4	3890.6	3574.4	3218.8	2915.9	2632.7	2379.1	1988.9	1648.1
5°	4727.0	4522.8	4168.8	3900.4	3599.1	3233.6	2938.9	2637.6	2415.3	2020.2	1674.4
2.5°	4712.1	4549.1	4203.4	3916.9	3648.5	3261.6	2983.4	2647.5	2428.5	2054.8	1692.6
0°	4766.5	4550.8	4239.6	3921.8	3681.5	3271.5	3003.1	2639.3	2410.4	2064.7	1690.9
-2.5°	4649.6	4453.7	4231.4	3879.0	3637.0	3248.4	2966.9	2612.9	2370.9	2053.1	1684.3
-5°	4629.8	4382.9	4162.2	3839.5	3562.9	3200.7	2899.4	2563.5	2308.3	2015.3	1658.0
-7.5°	4577.1	4315.4	4094.7	3808.2	3493.8	3151.3	2835.2	2512.5	2240.8	1956.0	1620.1
-10°	4461.9	4211.6	4022.3	3740.7	3409.8	3080.5	2757.8	2445.0	2161.8	1875.3	1560.8
-12.5°	4297.2	4047.0	3859.3	3597.5	3304.4	2985.0	2665.6	2357.7	2071.2	1789.7	1490.0
-15°	4111.2	3857.6	3669.9	3431.2	3148.0	2836.8	2548.7	2247.4	1967.5	1699.1	1406.1
-17.5°	3900.4	3660.1	3479.0	3246.8	2965.3	2668.9	2382.4	2109.1	1847.3	1605.3	1308.9
-20°	3656.8	3423.0	3256.7	3024.5	2766.0	2477.9	2199.7	1941.2	1705.7	1478.5	1201.9

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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°	3355.5	3149.7	2960.3	2752.9	2527.3	2263.9	2005.4	1776.5	1551.0	1328.7	1091.6
-25°	3047.6	2848.4	2664.0	2474.6	2258.9	2031.7	1811.1	1603.6	1383.0	1182.2	984.6
-27.5°	2705.1	2527.3	2362.7	2188.1	1990.6	1794.6	1613.5	1411.0	1220.0	1048.8	879.2
-30°	2339.6	2194.7	2051.5	1896.7	1737.0	1572.4	1411.0	1220.0	1070.2	933.5	790.3
-32.5°	1988.9	1858.8	1743.6	1628.3	1490.0	1355.0	1211.8	1070.2	945.1	824.9	704.7
-35°	1681.0	1542.7	1478.5	1386.3	1276.0	1154.2	1037.3	938.5	838.0	729.4	622.4
-37.5°	1414.3	1325.4	1249.7	1180.5	1093.2	987.9	903.9	823.2	739.3	640.5	548.3
-40°	1205.2	1141.0	1065.3	1014.2	943.4	867.7	783.7	716.2	645.4	564.7	489.0
-42.5°	1037.3	984.6	935.2	880.9	828.2	764.0	691.5	627.3	563.1	503.8	441.2
-45°	899.0	861.1	821.6	777.1	731.0	675.0	615.8	549.9	503.8	451.1	398.4
-47.5°	785.4	757.4	724.4	689.9	650.3	601.0	546.6	498.9	451.1	406.7	355.6
-50°	694.8	668.5	642.1	612.5	577.9	535.1	493.9	449.5	405.0	362.2	314.5
-52.5°	619.1	596.0	574.6	549.9	517.0	480.8	442.9	403.4	362.2	319.4	281.5
-55°	566.4	540.0	518.6	493.9	464.3	429.7	395.1	358.9	319.4	286.5	255.2
-57.5°	523.6	493.9	469.2	442.9	413.3	383.6	352.3	319.4	289.8	258.5	228.9
-60°	487.3	452.8	424.8	398.4	370.5	342.5	316.1	288.1	260.1	232.1	202.5
-62.5°	449.5	413.3	378.7	354.0	332.6	307.9	284.8	258.5	233.8	205.8	184.4
-65°	406.7	372.1	339.2	317.8	298.0	276.6	255.2	232.1	210.7	189.3	169.6
-67.5°	358.9	329.3	306.2	286.5	266.7	248.6	228.9	209.1	191.0	169.6	149.8
-70°	301.3	284.8	271.7	256.8	238.7	222.3	204.2	186.0	166.3	148.2	130.1
-72.5°	256.8	247.0	237.1	222.3	205.8	191.0	176.2	159.7	143.2	126.8	112.0
-75°	210.7	202.5	194.3	184.4	171.2	159.7	146.5	131.7	118.5	107.0	95.5
-77.5°	169.6	163.0	158.1	149.8	139.9	130.1	121.8	112.0	102.1	90.6	79.0
-80°	135.0	131.7	130.1	126.8	118.5	110.3	103.7	95.5	85.6	77.4	69.2
-82.5°	105.4	105.4	103.7	102.1	95.5	88.9	84.0	77.4	70.8	64.2	56.0
-85°	77.4	75.7	75.7	74.1	69.2	65.9	60.9	57.6	52.7	46.1	42.8
-87.5°	46.1	44.5	42.8	41.2	37.9	36.2	32.9	31.3	28.0	24.7	23.1
-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):

	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°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	0.0	0.0
85°	4.9	3.3	3.3	3.3	3.3	3.3	1.6	1.6	1.6	1.6	1.6
82.5°	9.9	9.9	8.2	8.2	6.6	4.9	3.3	3.3	3.3	1.6	1.6
80°	14.8	14.8	14.8	13.2	11.5	8.2	6.6	4.9	3.3	1.6	1.6
77.5°	18.1	16.5	16.5	14.8	14.8	13.2	9.9	8.2	4.9	3.3	1.6
75°	18.1	18.1	18.1	16.5	16.5	14.8	13.2	9.9	8.2	4.9	3.3
72.5°	19.8	18.1	18.1	18.1	16.5	14.8	13.2	11.5	9.9	6.6	3.3
70°	18.1	18.1	18.1	18.1	16.5	16.5	13.2	11.5	11.5	6.6	4.9
67.5°	18.1	18.1	18.1	16.5	16.5	14.8	13.2	11.5	11.5	8.2	4.9
65°	19.8	18.1	18.1	18.1	16.5	14.8	13.2	11.5	11.5	9.9	6.6
62.5°	21.4	19.8	19.8	18.1	16.5	14.8	13.2	11.5	11.5	9.9	6.6
60°	23.1	21.4	19.8	19.8	18.1	16.5	13.2	13.2	11.5	9.9	6.6
57.5°	24.7	23.1	23.1	21.4	19.8	18.1	14.8	13.2	11.5	9.9	8.2
55°	29.6	26.3	24.7	24.7	23.1	19.8	16.5	13.2	11.5	9.9	8.2
52.5°	39.5	31.3	28.0	28.0	26.3	23.1	18.1	14.8	11.5	9.9	8.2
50°	62.6	39.5	32.9	29.6	29.6	26.3	21.4	16.5	11.5	9.9	8.2
47.5°	98.8	65.9	39.5	34.6	32.9	31.3	24.7	16.5	13.2	9.9	8.2
45°	163.0	97.1	64.2	41.2	34.6	32.9	28.0	18.1	13.2	11.5	8.2
42.5°	223.9	151.5	98.8	49.4	41.2	36.2	29.6	19.8	14.8	11.5	8.2
40°	352.3	207.5	138.3	80.7	47.7	37.9	32.9	23.1	14.8	11.5	8.2
37.5°	477.5	275.0	186.0	118.5	54.3	42.8	34.6	24.7	16.5	11.5	9.9
35°	602.6	385.3	230.5	158.1	72.4	51.0	36.2	26.3	16.5	11.5	9.9
32.5°	714.6	489.0	276.6	197.6	108.7	60.9	39.5	28.0	18.1	13.2	9.9
30°	806.8	584.5	358.9	232.1	141.6	74.1	42.8	28.0	19.8	13.2	9.9
27.5°	875.9	658.6	442.9	268.4	169.6	87.3	49.4	31.3	19.8	13.2	9.9
25°	931.9	716.2	517.0	306.2	194.3	108.7	59.3	32.9	21.4	14.8	9.9
22.5°	976.3	764.0	577.9	357.3	223.9	130.1	72.4	36.2	21.4	14.8	9.9
20°	1037.3	811.7	619.1	411.6	255.2	149.8	84.0	39.5	21.4	14.8	11.5
17.5°	1090.0	859.4	652.0	457.7	286.5	164.6	97.1	42.8	23.1	14.8	11.5
15°	1150.9	905.5	681.6	493.9	316.1	177.8	108.7	46.1	23.1	16.5	11.5
12.5°	1216.7	948.4	703.0	523.6	347.4	189.3	118.5	52.7	24.7	16.5	11.5
10°	1284.2	984.6	721.1	545.0	370.5	200.9	125.1	59.3	26.3	16.5	11.5
7.5°	1351.7	1017.5	744.2	554.9	380.3	214.0	128.4	65.9	26.3	18.1	11.5
5°	1397.8	1038.9	777.1	561.4	385.3	228.9	133.4	74.1	28.0	18.1	11.5
2.5°	1437.4	1052.1	811.7	566.4	386.9	237.1	131.7	79.0	29.6	18.1	11.5
0°	1455.5	1052.1	834.8	563.1	382.0	245.3	131.7	84.0	29.6	18.1	11.5
-2.5°	1427.5	1081.7	828.2	564.7	383.6	245.3	138.3	85.6	32.9	19.8	11.5
-5°	1383.0	1093.2	808.4	556.5	380.3	245.3	146.5	87.3	34.6	19.8	13.2
-7.5°	1340.2	1098.2	785.4	548.3	375.4	238.7	148.2	85.6	37.9	21.4	13.2
-10°	1284.2	1043.9	755.7	533.5	365.5	233.8	151.5	85.6	39.5	21.4	13.2
-12.5°	1220.0	978.0	719.5	512.0	354.0	228.9	153.1	85.6	41.2	23.1	13.2
-15°	1145.9	910.5	678.3	489.0	337.5	222.3	149.8	84.0	42.8	23.1	14.8
-17.5°	1062.0	844.6	635.5	461.0	319.4	214.0	143.2	82.3	42.8	23.1	14.8
-20°	966.5	778.8	587.8	433.0	298.0	204.2	136.7	79.0	42.8	23.1	14.8

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CATALOG NUMBER: IFLD-S-SA3A-827-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	880.9	717.9	538.4	401.7	275.0	192.6	128.4	75.7	42.8	24.7	14.8
-25°	810.1	658.6	500.5	370.5	250.3	179.5	120.2	72.4	42.8	24.7	14.8
-27.5°	736.0	594.4	461.0	340.8	233.8	167.9	112.0	69.2	41.2	24.7	14.8
-30°	660.2	531.8	419.8	307.9	217.3	156.4	105.4	64.2	41.2	24.7	14.8
-32.5°	591.1	480.8	382.0	275.0	199.2	144.9	98.8	62.6	39.5	24.7	14.8
-35°	523.6	434.7	342.5	248.6	179.5	133.4	92.2	60.9	39.5	24.7	14.8
-37.5°	467.6	391.9	306.2	230.5	167.9	123.5	85.6	57.6	37.9	24.7	14.8
-40°	421.5	352.3	271.7	210.7	158.1	113.6	79.0	56.0	37.9	24.7	14.8
-42.5°	378.7	314.5	250.3	194.3	148.2	107.0	74.1	54.3	36.2	24.7	14.8
-45°	340.8	281.5	228.9	179.5	136.7	98.8	70.8	51.0	34.6	24.7	16.5
-47.5°	302.9	258.5	209.1	166.3	125.1	88.9	67.5	49.4	32.9	23.1	16.5
-50°	273.3	233.8	192.6	151.5	113.6	85.6	64.2	46.1	32.9	23.1	16.5
-52.5°	247.0	210.7	174.5	136.7	103.7	80.7	60.9	42.8	31.3	23.1	16.5
-55°	222.3	189.3	156.4	121.8	97.1	75.7	56.0	39.5	31.3	23.1	16.5
-57.5°	197.6	169.6	138.3	110.3	88.9	70.8	52.7	39.5	31.3	23.1	16.5
-60°	177.8	151.5	125.1	102.1	82.3	64.2	47.7	37.9	29.6	23.1	16.5
-62.5°	161.4	136.7	113.6	92.2	75.7	57.6	46.1	37.9	29.6	23.1	14.8
-65°	144.9	123.5	102.1	84.0	67.5	54.3	44.5	36.2	29.6	23.1	14.8
-67.5°	128.4	108.7	92.2	74.1	62.6	52.7	42.8	36.2	28.0	21.4	14.8
-70°	112.0	95.5	80.7	69.2	59.3	49.4	41.2	34.6	28.0	19.8	13.2
-72.5°	98.8	84.0	72.4	64.2	56.0	47.7	39.5	32.9	26.3	18.1	11.5
-75°	84.0	74.1	65.9	57.6	51.0	44.5	37.9	29.6	23.1	16.5	11.5
-77.5°	70.8	64.2	57.6	52.7	46.1	39.5	32.9	26.3	21.4	14.8	9.9
-80°	60.9	56.0	51.0	46.1	41.2	34.6	29.6	23.1	18.1	13.2	8.2
-82.5°	49.4	46.1	41.2	37.9	34.6	29.6	24.7	19.8	13.2	9.9	6.6
-85°	37.9	34.6	32.9	29.6	26.3	21.4	16.5	13.2	9.9	6.6	3.3
-87.5°	19.8	18.1	16.5	14.8	13.2	9.9	8.2	6.6	4.9	3.3	1.6
-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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CATALOG NUMBER: IFLD-S-SA3A-827-U-76-VI

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°	1.6	0.0	0.0	0.0
77.5°	1.6	0.0	0.0	0.0
75°	1.6	1.6	0.0	0.0
72.5°	1.6	1.6	0.0	0.0
70°	1.6	1.6	0.0	0.0
67.5°	3.3	1.6	0.0	0.0
65°	3.3	1.6	0.0	0.0
62.5°	3.3	1.6	0.0	0.0
60°	3.3	1.6	0.0	0.0
57.5°	4.9	1.6	1.6	0.0
55°	4.9	1.6	1.6	0.0
52.5°	4.9	1.6	1.6	0.0
50°	4.9	3.3	1.6	0.0
47.5°	4.9	3.3	1.6	0.0
45°	4.9	3.3	1.6	0.0
42.5°	4.9	3.3	1.6	0.0
40°	6.6	3.3	1.6	0.0
37.5°	6.6	3.3	1.6	0.0
35°	6.6	3.3	1.6	0.0
32.5°	6.6	3.3	1.6	0.0
30°	6.6	3.3	1.6	0.0
27.5°	6.6	4.9	1.6	0.0
25°	6.6	4.9	1.6	0.0
22.5°	8.2	4.9	1.6	0.0
20°	8.2	4.9	1.6	0.0
17.5°	8.2	4.9	1.6	0.0
15°	8.2	4.9	1.6	0.0
12.5°	8.2	4.9	1.6	0.0
10°	8.2	4.9	1.6	0.0
7.5°	8.2	4.9	1.6	0.0
5°	8.2	4.9	1.6	0.0
2.5°	8.2	4.9	1.6	0.0
0°	8.2	4.9	1.6	0.0
-2.5°	8.2	4.9	1.6	0.0
-5°	8.2	4.9	1.6	0.0
-7.5°	8.2	4.9	1.6	0.0
-10°	8.2	4.9	1.6	0.0
-12.5°	9.9	4.9	1.6	0.0
-15°	9.9	4.9	1.6	0.0
-17.5°	9.9	4.9	1.6	0.0
-20°	9.9	4.9	1.6	0.0

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CATALOG NUMBER: IFLD-S-SA3A-827-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	9.9	4.9	1.6	0.0
-25°	9.9	4.9	1.6	0.0
-27.5°	9.9	4.9	1.6	0.0
-30°	9.9	4.9	1.6	0.0
-32.5°	9.9	4.9	1.6	0.0
-35°	9.9	4.9	1.6	0.0
-37.5°	9.9	4.9	1.6	0.0
-40°	9.9	4.9	1.6	0.0
-42.5°	8.2	4.9	1.6	0.0
-45°	9.9	4.9	1.6	0.0
-47.5°	9.9	4.9	1.6	0.0
-50°	9.9	4.9	1.6	0.0
-52.5°	9.9	4.9	1.6	0.0
-55°	9.9	4.9	1.6	0.0
-57.5°	9.9	4.9	1.6	0.0
-60°	9.9	4.9	1.6	0.0
-62.5°	8.2	4.9	1.6	0.0
-65°	8.2	3.3	1.6	0.0
-67.5°	8.2	3.3	1.6	0.0
-70°	8.2	3.3	1.6	0.0
-72.5°	6.6	3.3	1.6	0.0
-75°	6.6	3.3	1.6	0.0
-77.5°	4.9	1.6	0.0	0.0
-80°	4.9	1.6	0.0	0.0
-82.5°	3.3	1.6	0.0	0.0
-85°	1.6	1.6	0.0	0.0
-87.5°	1.6	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)