

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: P722399

Luminaire Tested: **IFLD-S-SA3A-727-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722399
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3A-727-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

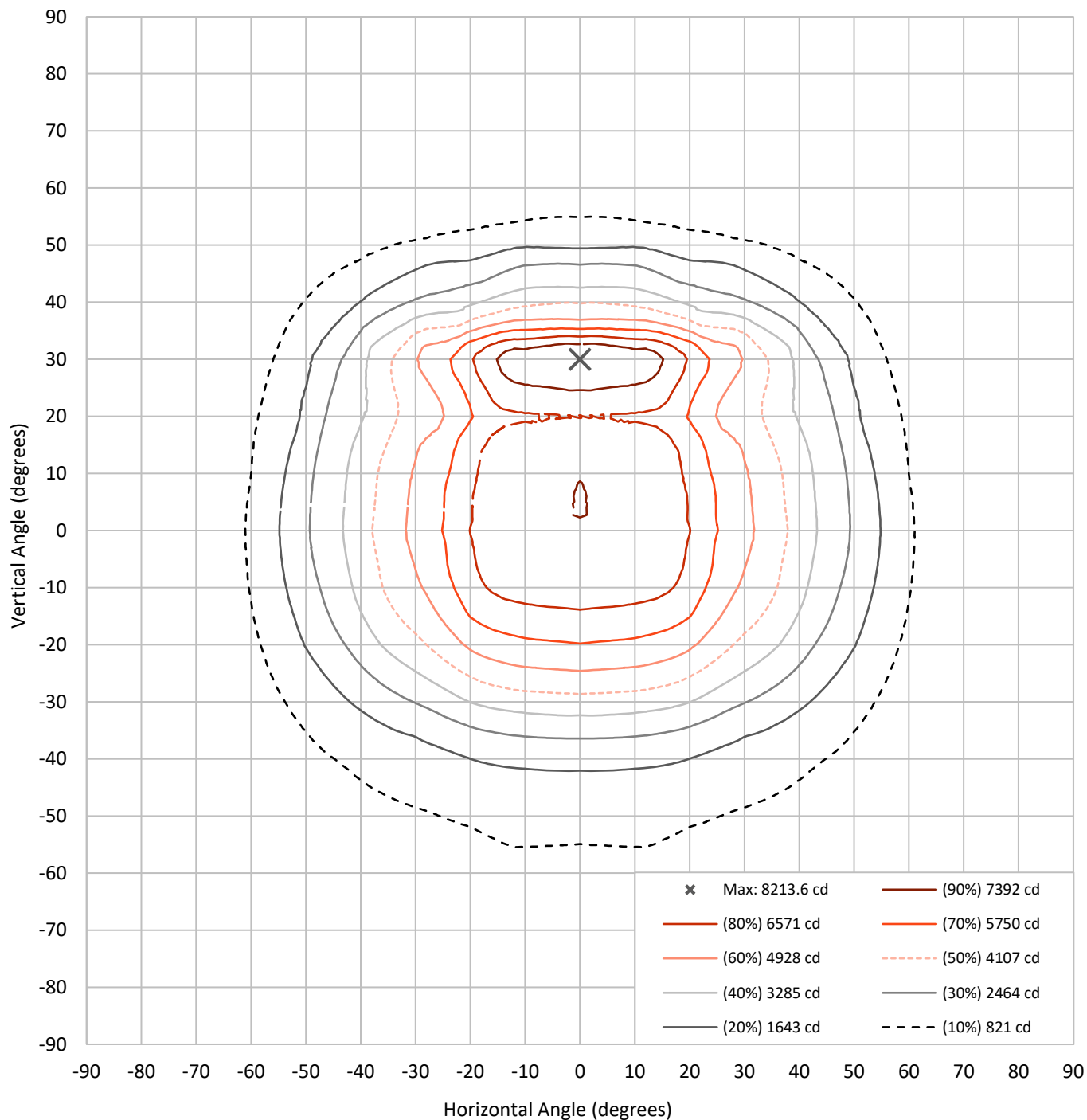
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	11765.5 lumens	Max Intensity:	8213.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	124.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	7505.9 lumens	Field Lumens:	11092.2 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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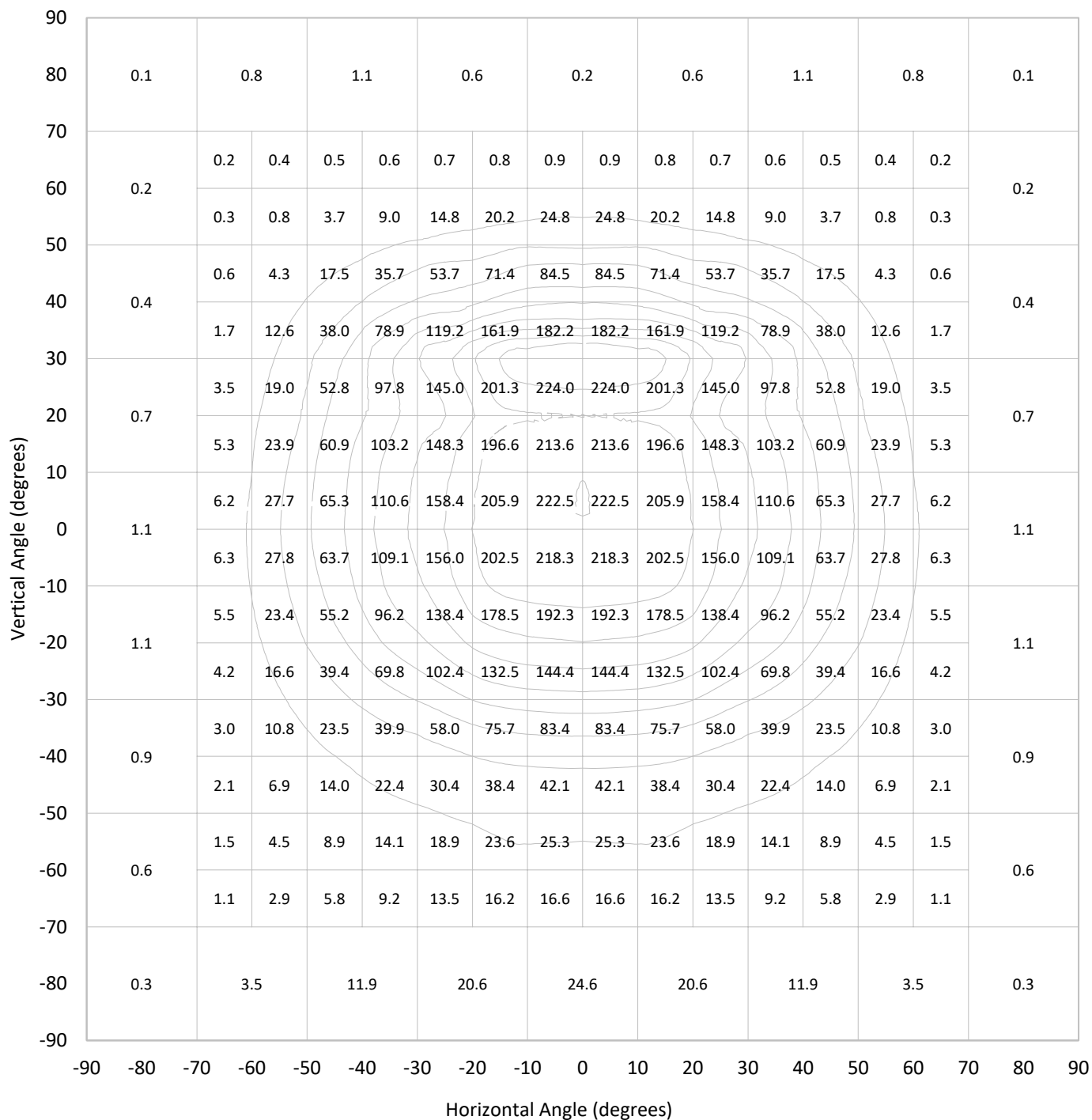
Iso-Candela Plot



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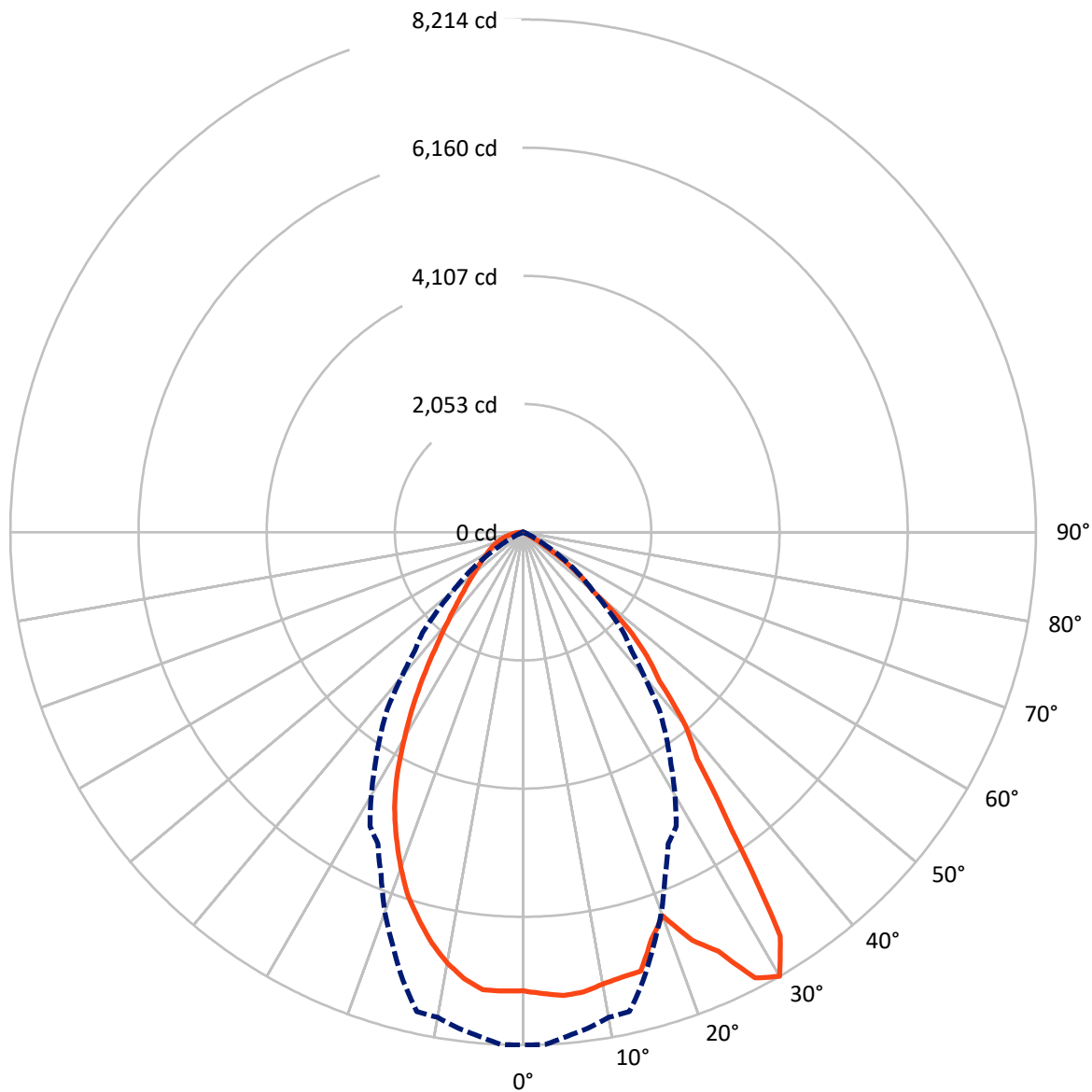
Lumen Table



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Luminous Intensity Polar Plot



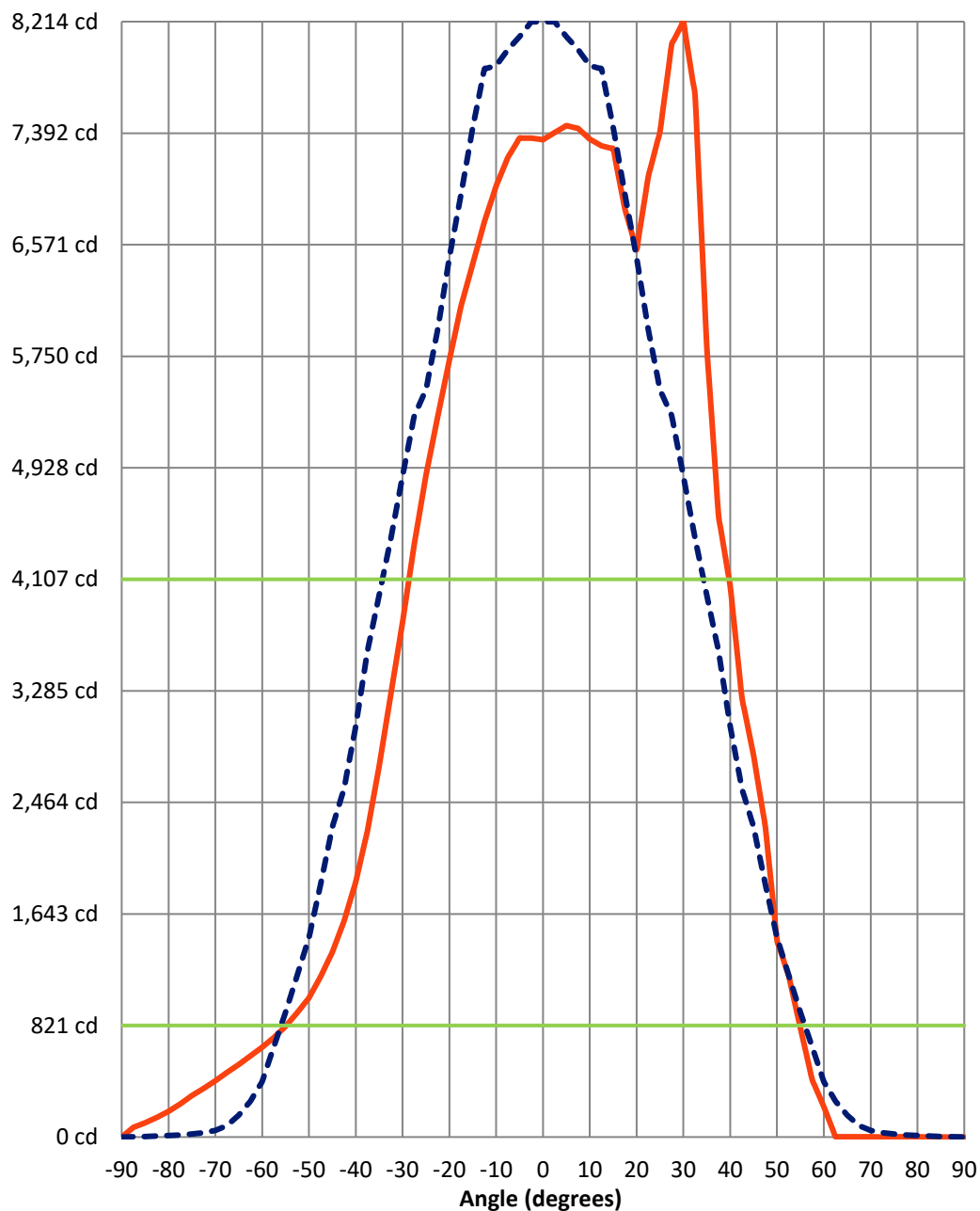
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 7505.9

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 11092.2

Efficiency: 94.3%

Spill:

Lumens: 673.3

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	1.9	1.9	1.9	1.9	1.9	1.9	1.9
85°	0.0	1.9	1.9	1.9	3.7	3.7	3.7	3.7	3.7	3.7	5.6
82.5°	0.0	1.9	1.9	1.9	3.7	3.7	3.7	3.7	5.6	5.6	7.5
80°	1.9	1.9	1.9	1.9	3.7	3.7	3.7	5.6	5.6	7.5	7.5
77.5°	1.9	1.9	1.9	3.7	3.7	3.7	5.6	5.6	7.5	7.5	9.4
75°	1.9	1.9	1.9	3.7	3.7	5.6	5.6	5.6	7.5	7.5	9.4
72.5°	0.0	1.9	1.9	3.7	3.7	5.6	5.6	5.6	7.5	7.5	7.5
70°	1.9	1.9	1.9	3.7	3.7	5.6	5.6	5.6	7.5	7.5	7.5
67.5°	1.9	1.9	1.9	3.7	3.7	5.6	5.6	7.5	7.5	7.5	9.4
65°	1.9	1.9	1.9	3.7	5.6	5.6	7.5	9.4	9.4	11.2	13.1
62.5°	1.9	3.7	3.7	5.6	7.5	9.4	20.6	31.8	31.8	22.5	18.7
60°	222.9	241.6	239.8	217.3	189.2	159.2	153.6	148.0	136.7	119.9	125.5
57.5°	423.3	445.8	455.2	449.5	434.6	408.3	393.4	376.5	354.0	327.8	297.8
55°	801.7	811.1	790.5	751.1	708.0	665.0	650.0	627.5	593.8	560.1	515.1
52.5°	1185.7	1217.5	1208.2	1168.8	1110.8	1034.0	949.7	884.1	844.8	807.3	762.4
50°	1447.9	1461.0	1487.3	1534.1	1550.9	1498.5	1361.8	1185.7	1060.2	1123.9	1075.2
47.5°	2285.2	2350.8	2337.6	2303.9	2247.7	2105.4	1914.3	1757.0	1625.9	1582.8	1590.3
45°	2807.8	2834.0	2824.7	2809.7	2783.5	2650.5	2438.8	2197.2	2075.4	2026.7	1976.1
42.5°	3236.7	3264.8	3270.5	3272.3	3244.2	3122.5	2931.4	2689.8	2568.0	2427.6	2317.0
40°	4055.3	4096.5	4049.7	3987.9	3894.2	3755.6	3568.3	3345.4	3130.0	2957.7	2826.5
37.5°	4577.9	4628.5	4647.2	4643.5	4622.9	4562.9	4332.5	4120.9	3791.2	3405.3	3474.6
35°	5817.9	5870.3	5855.4	5799.2	5769.2	5705.5	5480.7	5229.7	4815.8	4396.2	4283.8
32.5°	7666.7	7780.9	7567.4	7333.2	7189.0	7239.6	7011.1	6396.7	6205.6	5448.9	5098.6
30°	8213.6	8211.7	8103.1	8007.6	7889.6	7865.2	7434.4	6943.6	6475.4	5945.3	5503.2
27.5°	8046.9	8013.2	7921.4	7852.1	7741.6	7683.5	7262.1	6872.5	6331.1	5857.2	5430.2
25°	7404.4	7430.7	7337.0	7323.9	7280.8	7168.4	6958.6	6520.3	6037.1	5512.6	5205.4
22.5°	7072.9	7063.5	6951.1	6885.6	6938.0	6818.1	6733.9	6291.8	5787.9	5345.9	4976.9
20°	6533.4	6535.3	6507.2	6501.6	6469.7	6415.4	6348.0	6035.2	5679.3	5300.9	4857.0
17.5°	6835.0	6911.8	6945.5	6666.4	6745.1	6683.3	6612.1	6175.7	5907.8	5572.5	4993.7
15°	7277.1	7249.0	7215.2	7200.3	7157.2	7099.1	6969.9	6621.5	6160.7	5814.2	5362.7
12.5°	7299.5	7245.2	7232.1	7230.2	7185.3	7104.7	6979.2	6690.8	6282.4	5861.0	5493.8
10°	7348.2	7292.0	7284.5	7293.9	7224.6	7174.0	7048.5	6780.7	6319.9	5941.5	5595.0
7.5°	7426.9	7333.2	7376.3	7348.2	7316.4	7235.8	7101.0	6838.7	6456.6	6048.3	5684.9
5°	7447.5	7344.5	7391.3	7365.1	7318.3	7239.6	7093.5	6876.2	6540.9	6091.4	5720.5
2.5°	7396.9	7367.0	7346.4	7297.7	7277.1	7190.9	7052.3	6820.0	6501.6	6072.6	5713.0
0°	7344.5	7370.7	7323.9	7275.2	7265.8	7196.5	7078.5	6868.7	6593.4	6125.1	5776.7
-2.5°	7355.7	7335.1	7303.3	7252.7	7204.0	7104.7	6998.0	6801.3	6505.3	6010.8	5686.8
-5°	7355.7	7260.2	7263.9	7265.8	7217.1	7114.1	6984.8	6818.1	6452.9	6009.0	5660.6
-7.5°	7213.4	7131.0	7117.8	7106.6	7093.5	6998.0	6896.8	6688.9	6364.8	5960.3	5587.5
-10°	7003.6	6923.0	6930.5	6913.7	6872.5	6808.8	6732.0	6544.7	6278.7	5806.7	5439.5
-12.5°	6741.3	6705.8	6685.2	6657.1	6615.8	6559.7	6481.0	6304.9	6020.2	5617.5	5269.1
-15°	6430.4	6404.2	6385.5	6368.6	6308.7	6250.6	6147.6	5984.6	5806.7	5374.0	5018.1
-17.5°	6119.5	6053.9	6027.7	6005.2	5965.9	5872.2	5778.6	5656.8	5407.7	5064.9	4759.6
-20°	5720.5	5681.2	5649.3	5619.3	5563.2	5490.1	5413.3	5272.8	5057.4	4780.2	4463.6

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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°	5302.8	5280.3	5254.1	5216.6	5179.2	5109.9	5003.1	4868.2	4699.6	4399.9	4104.0
-25°	4872.0	4828.9	4797.1	4761.5	4731.5	4667.8	4564.8	4435.5	4223.9	3965.4	3718.1
-27.5°	4364.4	4323.2	4306.3	4265.1	4238.9	4180.8	4077.8	3957.9	3766.8	3549.6	3298.6
-30°	3791.2	3798.7	3779.9	3740.6	3708.8	3633.8	3555.2	3454.0	3304.2	3096.3	2871.5
-32.5°	3261.1	3270.5	3248.0	3206.8	3165.6	3111.2	3038.2	2946.4	2834.0	2635.5	2440.7
-35°	2731.0	2727.3	2708.5	2684.2	2656.1	2611.1	2528.7	2459.4	2330.2	2191.5	2056.7
-37.5°	2255.2	2264.6	2259.0	2245.9	2214.0	2176.6	2109.1	2045.4	1949.9	1828.2	1723.3
-40°	1878.7	1890.0	1882.5	1869.4	1841.3	1818.8	1773.8	1717.6	1640.8	1536.0	1447.9
-42.5°	1590.3	1597.8	1588.4	1577.2	1552.8	1536.0	1500.4	1453.5	1389.9	1309.3	1230.6
-45°	1361.8	1363.6	1354.3	1346.8	1328.0	1307.4	1277.5	1240.0	1189.4	1133.2	1069.5
-47.5°	1181.9	1180.1	1170.7	1163.2	1148.2	1129.5	1105.1	1071.4	1032.1	989.0	938.4
-50°	1024.6	1034.0	1030.2	1022.7	1011.5	998.4	974.0	938.4	899.1	867.3	831.7
-52.5°	916.0	917.8	916.0	916.0	914.1	904.7	876.6	841.0	797.9	769.9	739.9
-55°	814.8	824.2	827.9	831.7	833.5	833.5	799.8	762.4	721.1	693.1	670.6
-57.5°	732.4	738.0	741.8	751.1	758.6	764.2	734.3	700.5	668.7	642.5	621.9
-60°	661.2	668.7	674.3	683.7	689.3	693.1	674.3	651.8	633.1	616.3	586.3
-62.5°	597.5	603.1	608.8	614.4	620.0	623.7	616.3	605.0	595.7	588.2	550.7
-65°	533.8	539.5	545.1	552.6	558.2	561.9	560.1	552.6	545.1	537.6	503.9
-67.5°	475.8	481.4	488.9	490.8	494.5	496.4	492.6	487.0	477.6	468.3	442.1
-70°	414.0	417.7	421.5	421.5	421.5	419.6	415.8	408.3	399.0	385.9	365.3
-72.5°	357.8	361.5	365.3	359.6	355.9	350.3	344.7	335.3	325.9	316.6	305.3
-75°	305.3	307.2	307.2	299.7	294.1	288.5	281.0	275.3	266.0	258.5	249.1
-77.5°	243.5	243.5	243.5	237.9	234.1	230.4	224.8	219.2	211.7	206.0	198.6
-80°	189.2	189.2	189.2	187.3	181.7	177.9	174.2	170.5	164.8	161.1	157.3
-82.5°	144.2	144.2	144.2	142.4	138.6	136.7	133.0	129.2	127.4	123.6	121.8
-85°	104.9	106.8	106.8	104.9	103.0	99.3	97.4	95.5	93.7	91.8	88.0
-87.5°	71.2	71.2	71.2	69.3	67.4	67.4	65.6	61.8	58.1	56.2	54.3
-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°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
85°	5.6	5.6	5.6	7.5	7.5	7.5	7.5	7.5	7.5	7.5	5.6
82.5°	9.4	9.4	11.2	11.2	13.1	13.1	13.1	13.1	13.1	13.1	13.1
80°	9.4	11.2	13.1	15.0	16.9	18.7	18.7	18.7	18.7	16.9	16.9
77.5°	11.2	11.2	13.1	15.0	16.9	18.7	20.6	22.5	20.6	20.6	20.6
75°	11.2	13.1	13.1	15.0	16.9	18.7	20.6	22.5	22.5	22.5	22.5
72.5°	9.4	11.2	13.1	15.0	15.0	16.9	18.7	18.7	20.6	20.6	22.5
70°	9.4	11.2	13.1	13.1	15.0	15.0	16.9	18.7	18.7	20.6	20.6
67.5°	11.2	13.1	13.1	15.0	16.9	16.9	16.9	18.7	18.7	20.6	20.6
65°	13.1	15.0	15.0	16.9	18.7	18.7	20.6	20.6	20.6	22.5	22.5
62.5°	22.5	22.5	22.5	20.6	22.5	22.5	22.5	24.4	24.4	22.5	24.4
60°	116.1	84.3	58.1	73.1	65.6	30.0	30.0	30.0	28.1	28.1	26.2
57.5°	273.5	254.7	219.2	185.4	166.7	148.0	91.8	37.5	37.5	33.7	30.0
55°	457.0	395.2	369.0	324.0	275.3	252.9	209.8	142.4	67.4	45.0	39.3
52.5°	708.0	650.0	582.5	490.8	425.2	372.8	337.2	267.9	179.8	95.5	59.9
50°	947.8	921.6	880.4	790.5	653.7	565.7	507.6	428.9	322.2	196.7	112.4
47.5°	1526.6	1307.4	1174.4	1105.1	990.9	824.2	711.8	623.7	494.5	331.5	198.6
45°	1921.8	1783.2	1571.5	1425.4	1256.9	1080.8	934.7	833.5	679.9	496.4	310.9
42.5°	2260.9	2141.0	1949.9	1736.4	1558.4	1328.0	1140.7	1007.7	878.5	678.1	464.5
40°	2697.3	2554.9	2371.4	2163.4	1955.5	1661.5	1358.0	1196.9	1054.6	876.6	627.5
37.5°	3416.6	3165.6	2865.9	2635.5	2363.9	2114.7	1698.9	1414.2	1245.6	1060.2	818.6
35°	4281.9	4006.6	3506.5	3201.2	2837.8	2466.9	2092.3	1670.8	1431.1	1234.4	994.6
32.5°	5087.4	4684.7	4044.1	3686.3	3444.7	2761.0	2373.2	2008.0	1622.1	1380.5	1095.8
30°	5310.3	4866.4	4407.4	3989.7	3577.7	3025.1	2566.2	2281.5	1861.9	1468.5	1191.3
27.5°	5085.5	4780.2	4424.3	4036.6	3590.8	3116.9	2684.2	2412.6	2038.0	1528.5	1266.2
25°	4857.0	4538.6	4289.4	3965.4	3553.3	3111.2	2687.9	2495.0	2174.7	1644.6	1307.4
22.5°	4615.4	4416.8	4210.8	3849.3	3459.6	3128.1	2809.7	2566.2	2245.9	1775.7	1324.3
20°	4628.5	4499.2	4272.6	3789.3	3442.8	3227.4	2955.8	2656.1	2322.7	1890.0	1337.4
17.5°	4838.3	4669.7	4385.0	3965.4	3594.5	3328.5	3077.5	2779.7	2401.3	1991.1	1496.6
15°	5096.7	4840.1	4542.3	4173.3	3753.7	3439.0	3171.2	2865.9	2491.2	2084.8	1639.0
12.5°	5284.1	4918.8	4639.7	4306.3	3926.1	3558.9	3233.0	2931.4	2575.5	2161.6	1745.7
10°	5347.7	5016.2	4686.5	4388.7	4014.1	3622.6	3279.8	2972.6	2648.6	2221.5	1824.4
7.5°	5381.5	5100.5	4718.4	4426.2	4066.5	3661.9	3317.3	2995.1	2706.7	2262.7	1875.0
5°	5377.7	5145.4	4742.7	4437.4	4094.6	3678.8	3343.5	3000.7	2747.9	2298.3	1905.0
2.5°	5360.9	5175.4	4782.1	4456.1	4150.8	3710.6	3394.1	3012.0	2762.8	2337.6	1925.6
0°	5422.7	5177.3	4823.3	4461.8	4188.3	3721.9	3416.6	3002.6	2742.2	2348.9	1923.7
-2.5°	5289.7	5066.8	4813.9	4413.1	4137.7	3695.7	3375.4	2972.6	2697.3	2335.8	1916.2
-5°	5267.2	4986.2	4735.2	4368.1	4053.4	3641.3	3298.6	2916.4	2626.1	2292.7	1886.2
-7.5°	5207.3	4909.4	4658.4	4332.5	3974.8	3585.1	3225.5	2858.4	2549.3	2225.3	1843.1
-10°	5076.1	4791.4	4576.0	4255.7	3879.2	3504.6	3137.5	2781.6	2459.4	2133.5	1775.7
-12.5°	4888.8	4604.1	4390.6	4092.8	3759.3	3396.0	3032.6	2682.3	2356.4	2036.1	1695.2
-15°	4677.2	4388.7	4175.2	3903.6	3581.4	3227.4	2899.6	2556.8	2238.4	1933.1	1599.6
-17.5°	4437.4	4163.9	3957.9	3693.8	3373.5	3036.3	2710.4	2399.5	2101.6	1826.3	1489.1
-20°	4160.2	3894.2	3705.0	3440.9	3146.8	2819.0	2502.5	2208.4	1940.5	1682.1	1367.4

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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°	3817.4	3583.3	3367.9	3131.9	2875.2	2575.5	2281.5	2021.1	1764.5	1511.6	1241.9
-25°	3467.1	3240.5	3030.7	2815.3	2569.9	2311.4	2060.4	1824.4	1573.4	1344.9	1120.1
-27.5°	3077.5	2875.2	2687.9	2489.4	2264.6	2041.7	1835.7	1605.3	1388.0	1193.2	1000.2
-30°	2661.7	2496.9	2333.9	2157.8	1976.1	1788.8	1605.3	1388.0	1217.5	1062.1	899.1
-32.5°	2262.7	2114.7	1983.6	1852.5	1695.2	1541.6	1378.6	1217.5	1075.2	938.4	801.7
-35°	1912.5	1755.1	1682.1	1577.2	1451.7	1313.1	1180.1	1067.7	953.4	829.8	708.0
-37.5°	1609.0	1507.9	1421.7	1343.0	1243.7	1123.9	1028.3	936.6	841.0	728.6	623.7
-40°	1371.1	1298.1	1211.9	1153.8	1073.3	987.1	891.6	814.8	734.3	642.5	556.3
-42.5°	1180.1	1120.1	1063.9	1002.1	942.2	869.1	786.7	713.7	640.6	573.2	502.0
-45°	1022.7	979.6	934.7	884.1	831.7	768.0	700.5	625.6	573.2	513.2	453.3
-47.5°	893.5	861.6	824.2	784.8	739.9	683.7	621.9	567.6	513.2	462.7	404.6
-50°	790.5	760.5	730.5	696.8	657.5	608.8	561.9	511.4	460.8	412.1	357.8
-52.5°	704.3	678.1	653.7	625.6	588.2	546.9	503.9	458.9	412.1	363.4	320.3
-55°	644.4	614.4	590.0	561.9	528.2	488.9	449.5	408.3	363.4	325.9	290.3
-57.5°	595.7	561.9	533.8	503.9	470.2	436.4	400.8	363.4	329.7	294.1	260.4
-60°	554.4	515.1	483.3	453.3	421.5	389.6	359.6	327.8	296.0	264.1	230.4
-62.5°	511.4	470.2	430.8	402.7	378.4	350.3	324.0	294.1	266.0	234.1	209.8
-65°	462.7	423.3	385.9	361.5	339.0	314.7	290.3	264.1	239.8	215.4	192.9
-67.5°	408.3	374.6	348.4	325.9	303.4	282.8	260.4	237.9	217.3	192.9	170.5
-70°	342.8	324.0	309.1	292.2	271.6	252.9	232.3	211.7	189.2	168.6	148.0
-72.5°	292.2	281.0	269.7	252.9	234.1	217.3	200.4	181.7	163.0	144.2	127.4
-75°	239.8	230.4	221.0	209.8	194.8	181.7	166.7	149.8	134.9	121.8	108.6
-77.5°	192.9	185.4	179.8	170.5	159.2	148.0	138.6	127.4	116.1	103.0	89.9
-80°	153.6	149.8	148.0	144.2	134.9	125.5	118.0	108.6	97.4	88.0	78.7
-82.5°	119.9	119.9	118.0	116.1	108.6	101.1	95.5	88.0	80.5	73.1	63.7
-85°	88.0	86.2	86.2	84.3	78.7	74.9	69.3	65.6	59.9	52.4	48.7
-87.5°	52.4	50.6	48.7	46.8	43.1	41.2	37.5	35.6	31.8	28.1	26.2
-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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CATALOG NUMBER: IFLD-S-SA3A-727-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°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	0.0	0.0
85°	5.6	3.7	3.7	3.7	3.7	3.7	1.9	1.9	1.9	1.9	1.9
82.5°	11.2	11.2	9.4	9.4	7.5	5.6	3.7	3.7	3.7	1.9	1.9
80°	16.9	16.9	16.9	15.0	13.1	9.4	7.5	5.6	3.7	1.9	1.9
77.5°	20.6	18.7	18.7	16.9	16.9	15.0	11.2	9.4	5.6	3.7	1.9
75°	20.6	20.6	20.6	18.7	18.7	16.9	15.0	11.2	9.4	5.6	3.7
72.5°	22.5	20.6	20.6	20.6	18.7	16.9	15.0	13.1	11.2	7.5	3.7
70°	20.6	20.6	20.6	20.6	18.7	18.7	15.0	13.1	13.1	7.5	5.6
67.5°	20.6	20.6	20.6	18.7	18.7	16.9	15.0	13.1	13.1	9.4	5.6
65°	22.5	20.6	20.6	20.6	18.7	16.9	15.0	13.1	13.1	11.2	7.5
62.5°	24.4	22.5	22.5	20.6	18.7	16.9	15.0	13.1	13.1	11.2	7.5
60°	26.2	24.4	22.5	22.5	20.6	18.7	15.0	15.0	13.1	11.2	7.5
57.5°	28.1	26.2	26.2	24.4	22.5	20.6	16.9	15.0	13.1	11.2	9.4
55°	33.7	30.0	28.1	28.1	26.2	22.5	18.7	15.0	13.1	11.2	9.4
52.5°	45.0	35.6	31.8	31.8	30.0	26.2	20.6	16.9	13.1	11.2	9.4
50°	71.2	45.0	37.5	33.7	33.7	30.0	24.4	18.7	13.1	11.2	9.4
47.5°	112.4	74.9	45.0	39.3	37.5	35.6	28.1	18.7	15.0	11.2	9.4
45°	185.4	110.5	73.1	46.8	39.3	37.5	31.8	20.6	15.0	13.1	9.4
42.5°	254.7	172.3	112.4	56.2	46.8	41.2	33.7	22.5	16.9	13.1	9.4
40°	400.8	236.0	157.3	91.8	54.3	43.1	37.5	26.2	16.9	13.1	9.4
37.5°	543.2	312.8	211.7	134.9	61.8	48.7	39.3	28.1	18.7	13.1	11.2
35°	685.6	438.3	262.2	179.8	82.4	58.1	41.2	30.0	18.7	13.1	11.2
32.5°	812.9	556.3	314.7	224.8	123.6	69.3	45.0	31.8	20.6	15.0	11.2
30°	917.8	665.0	408.3	264.1	161.1	84.3	48.7	31.8	22.5	15.0	11.2
27.5°	996.5	749.2	503.9	305.3	192.9	99.3	56.2	35.6	22.5	15.0	11.2
25°	1060.2	814.8	588.2	348.4	221.0	123.6	67.4	37.5	24.4	16.9	11.2
22.5°	1110.8	869.1	657.5	406.5	254.7	148.0	82.4	41.2	24.4	16.9	11.2
20°	1180.1	923.4	704.3	468.3	290.3	170.5	95.5	45.0	24.4	16.9	13.1
17.5°	1240.0	977.8	741.8	520.7	325.9	187.3	110.5	48.7	26.2	16.9	13.1
15°	1309.3	1030.2	775.5	561.9	359.6	202.3	123.6	52.4	26.2	18.7	13.1
12.5°	1384.2	1078.9	799.8	595.7	395.2	215.4	134.9	59.9	28.1	18.7	13.1
10°	1461.0	1120.1	820.4	620.0	421.5	228.5	142.4	67.4	30.0	18.7	13.1
7.5°	1537.8	1157.6	846.6	631.2	432.7	243.5	146.1	74.9	30.0	20.6	13.1
5°	1590.3	1181.9	884.1	638.7	438.3	260.4	151.7	84.3	31.8	20.6	13.1
2.5°	1635.2	1196.9	923.4	644.4	440.2	269.7	149.8	89.9	33.7	20.6	13.1
0°	1655.8	1196.9	949.7	640.6	434.6	279.1	149.8	95.5	33.7	20.6	13.1
-2.5°	1624.0	1230.6	942.2	642.5	436.4	279.1	157.3	97.4	37.5	22.5	13.1
-5°	1573.4	1243.7	919.7	633.1	432.7	279.1	166.7	99.3	39.3	22.5	15.0
-7.5°	1524.7	1249.4	893.5	623.7	427.1	271.6	168.6	97.4	43.1	24.4	15.0
-10°	1461.0	1187.6	859.8	606.9	415.8	266.0	172.3	97.4	45.0	24.4	15.0
-12.5°	1388.0	1112.6	818.6	582.5	402.7	260.4	174.2	97.4	46.8	26.2	15.0
-15°	1303.7	1035.8	771.7	556.3	384.0	252.9	170.5	95.5	48.7	26.2	16.9
-17.5°	1208.2	960.9	723.0	524.5	363.4	243.5	163.0	93.7	48.7	26.2	16.9
-20°	1099.5	886.0	668.7	492.6	339.0	232.3	155.5	89.9	48.7	26.2	16.9

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CATALOG NUMBER: IFLD-S-SA3A-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1002.1	816.7	612.5	457.0	312.8	219.2	146.1	86.2	48.7	28.1	16.9
-25°	921.6	749.2	569.4	421.5	284.7	204.2	136.7	82.4	48.7	28.1	16.9
-27.5°	837.3	676.2	524.5	387.7	266.0	191.1	127.4	78.7	46.8	28.1	16.9
-30°	751.1	605.0	477.6	350.3	247.3	177.9	119.9	73.1	46.8	28.1	16.9
-32.5°	672.4	546.9	434.6	312.8	226.6	164.8	112.4	71.2	45.0	28.1	16.9
-35°	595.7	494.5	389.6	282.8	204.2	151.7	104.9	69.3	45.0	28.1	16.9
-37.5°	532.0	445.8	348.4	262.2	191.1	140.5	97.4	65.6	43.1	28.1	16.9
-40°	479.5	400.8	309.1	239.8	179.8	129.2	89.9	63.7	43.1	28.1	16.9
-42.5°	430.8	357.8	284.7	221.0	168.6	121.8	84.3	61.8	41.2	28.1	16.9
-45°	387.7	320.3	260.4	204.2	155.5	112.4	80.5	58.1	39.3	28.1	18.7
-47.5°	344.7	294.1	237.9	189.2	142.4	101.1	76.8	56.2	37.5	26.2	18.7
-50°	310.9	266.0	219.2	172.3	129.2	97.4	73.1	52.4	37.5	26.2	18.7
-52.5°	281.0	239.8	198.6	155.5	118.0	91.8	69.3	48.7	35.6	26.2	18.7
-55°	252.9	215.4	177.9	138.6	110.5	86.2	63.7	45.0	35.6	26.2	18.7
-57.5°	224.8	192.9	157.3	125.5	101.1	80.5	59.9	45.0	35.6	26.2	18.7
-60°	202.3	172.3	142.4	116.1	93.7	73.1	54.3	43.1	33.7	26.2	18.7
-62.5°	183.6	155.5	129.2	104.9	86.2	65.6	52.4	43.1	33.7	26.2	16.9
-65°	164.8	140.5	116.1	95.5	76.8	61.8	50.6	41.2	33.7	26.2	16.9
-67.5°	146.1	123.6	104.9	84.3	71.2	59.9	48.7	41.2	31.8	24.4	16.9
-70°	127.4	108.6	91.8	78.7	67.4	56.2	46.8	39.3	31.8	22.5	15.0
-72.5°	112.4	95.5	82.4	73.1	63.7	54.3	45.0	37.5	30.0	20.6	13.1
-75°	95.5	84.3	74.9	65.6	58.1	50.6	43.1	33.7	26.2	18.7	13.1
-77.5°	80.5	73.1	65.6	59.9	52.4	45.0	37.5	30.0	24.4	16.9	11.2
-80°	69.3	63.7	58.1	52.4	46.8	39.3	33.7	26.2	20.6	15.0	9.4
-82.5°	56.2	52.4	46.8	43.1	39.3	33.7	28.1	22.5	15.0	11.2	7.5
-85°	43.1	39.3	37.5	33.7	30.0	24.4	18.7	15.0	11.2	7.5	3.7
-87.5°	22.5	20.6	18.7	16.9	15.0	11.2	9.4	7.5	5.6	3.7	1.9
-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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CATALOG NUMBER: IFLD-S-SA3A-727-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°	1.9	0.0	0.0	0.0
77.5°	1.9	0.0	0.0	0.0
75°	1.9	1.9	0.0	0.0
72.5°	1.9	1.9	0.0	0.0
70°	1.9	1.9	0.0	0.0
67.5°	3.7	1.9	0.0	0.0
65°	3.7	1.9	0.0	0.0
62.5°	3.7	1.9	0.0	0.0
60°	3.7	1.9	0.0	0.0
57.5°	5.6	1.9	1.9	0.0
55°	5.6	1.9	1.9	0.0
52.5°	5.6	1.9	1.9	0.0
50°	5.6	3.7	1.9	0.0
47.5°	5.6	3.7	1.9	0.0
45°	5.6	3.7	1.9	0.0
42.5°	5.6	3.7	1.9	0.0
40°	7.5	3.7	1.9	0.0
37.5°	7.5	3.7	1.9	0.0
35°	7.5	3.7	1.9	0.0
32.5°	7.5	3.7	1.9	0.0
30°	7.5	3.7	1.9	0.0
27.5°	7.5	5.6	1.9	0.0
25°	7.5	5.6	1.9	0.0
22.5°	9.4	5.6	1.9	0.0
20°	9.4	5.6	1.9	0.0
17.5°	9.4	5.6	1.9	0.0
15°	9.4	5.6	1.9	0.0
12.5°	9.4	5.6	1.9	0.0
10°	9.4	5.6	1.9	0.0
7.5°	9.4	5.6	1.9	0.0
5°	9.4	5.6	1.9	0.0
2.5°	9.4	5.6	1.9	0.0
0°	9.4	5.6	1.9	0.0
-2.5°	9.4	5.6	1.9	0.0
-5°	9.4	5.6	1.9	0.0
-7.5°	9.4	5.6	1.9	0.0
-10°	9.4	5.6	1.9	0.0
-12.5°	11.2	5.6	1.9	0.0
-15°	11.2	5.6	1.9	0.0
-17.5°	11.2	5.6	1.9	0.0
-20°	11.2	5.6	1.9	0.0

REPORT NUMBER: P722399

CATALOG NUMBER: IFLD-S-SA3A-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	11.2	5.6	1.9	0.0
-25°	11.2	5.6	1.9	0.0
-27.5°	11.2	5.6	1.9	0.0
-30°	11.2	5.6	1.9	0.0
-32.5°	11.2	5.6	1.9	0.0
-35°	11.2	5.6	1.9	0.0
-37.5°	11.2	5.6	1.9	0.0
-40°	11.2	5.6	1.9	0.0
-42.5°	9.4	5.6	1.9	0.0
-45°	11.2	5.6	1.9	0.0
-47.5°	11.2	5.6	1.9	0.0
-50°	11.2	5.6	1.9	0.0
-52.5°	11.2	5.6	1.9	0.0
-55°	11.2	5.6	1.9	0.0
-57.5°	11.2	5.6	1.9	0.0
-60°	11.2	5.6	1.9	0.0
-62.5°	9.4	5.6	1.9	0.0
-65°	9.4	3.7	1.9	0.0
-67.5°	9.4	3.7	1.9	0.0
-70°	9.4	3.7	1.9	0.0
-72.5°	7.5	3.7	1.9	0.0
-75°	7.5	3.7	1.9	0.0
-77.5°	5.6	1.9	0.0	0.0
-80°	5.6	1.9	0.0	0.0
-82.5°	3.7	1.9	0.0	0.0
-85°	1.9	1.9	0.0	0.0
-87.5°	1.9	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)