

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: P722747

Luminaire Tested: **IFLD-S-SA3A-950-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722747
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3A-950-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

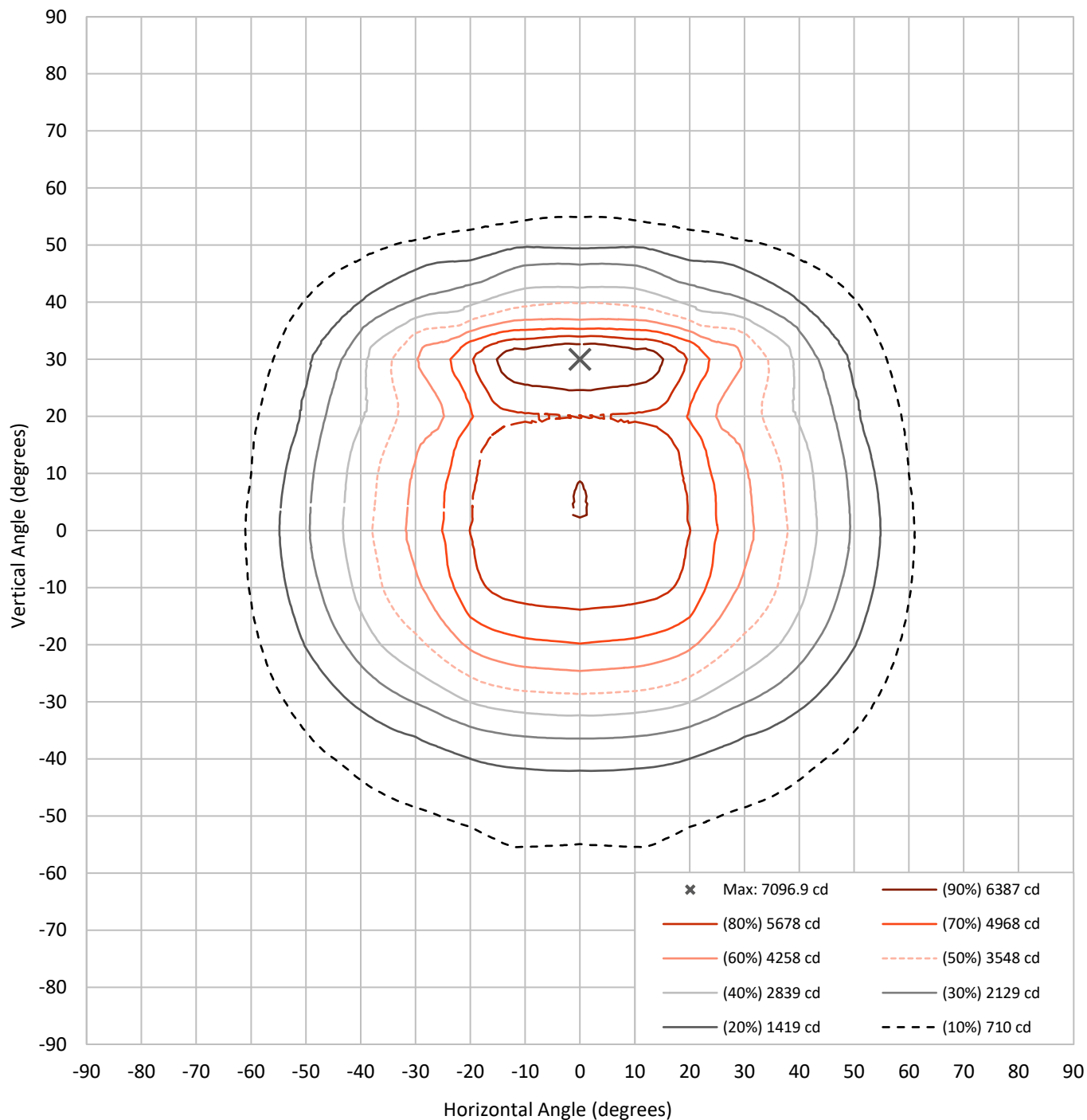
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	10165.9 lumens	Max Intensity:	7096.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	107.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	6485.4 lumens	Field Lumens:	9584.2 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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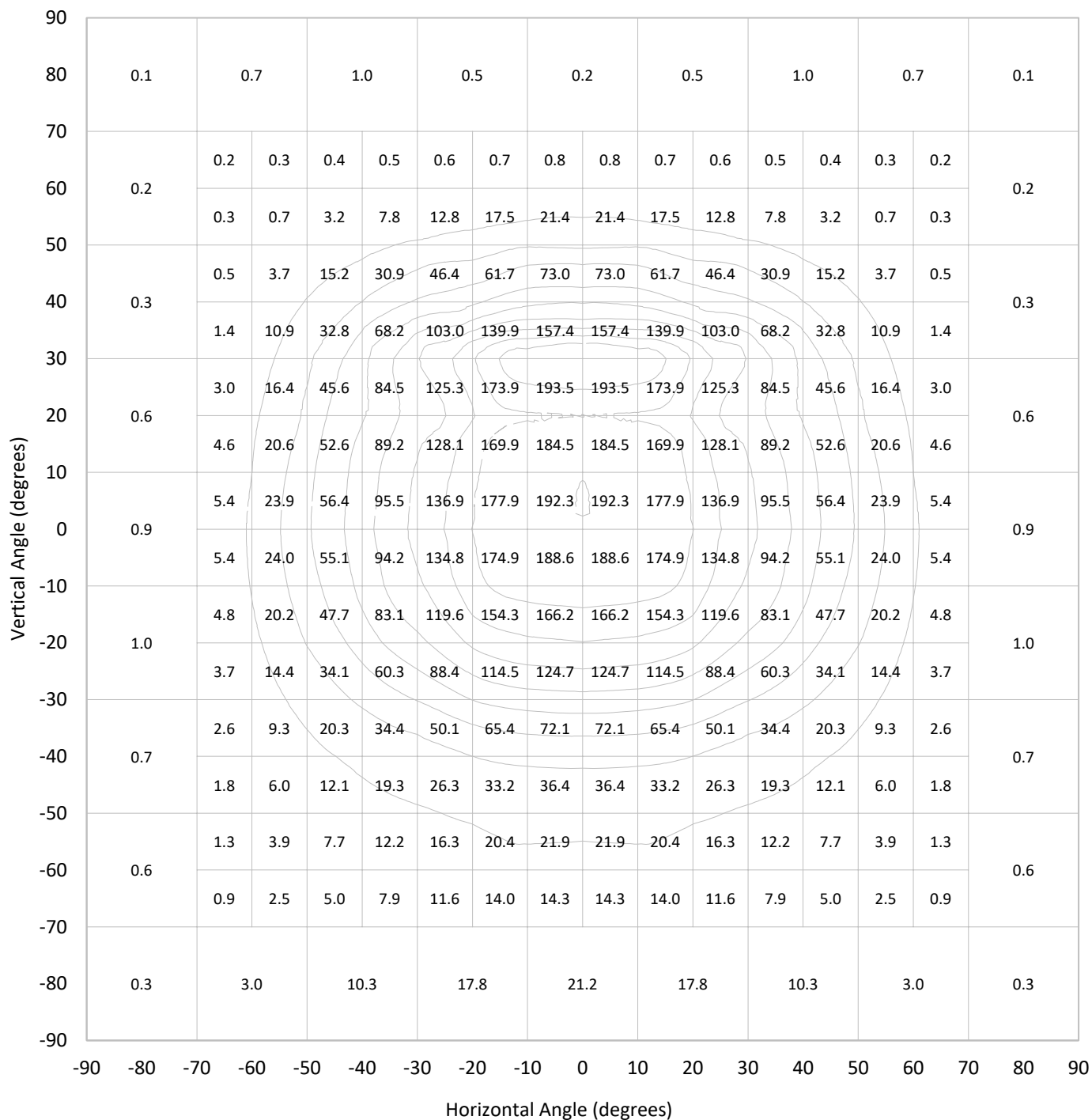
Iso-Candela Plot



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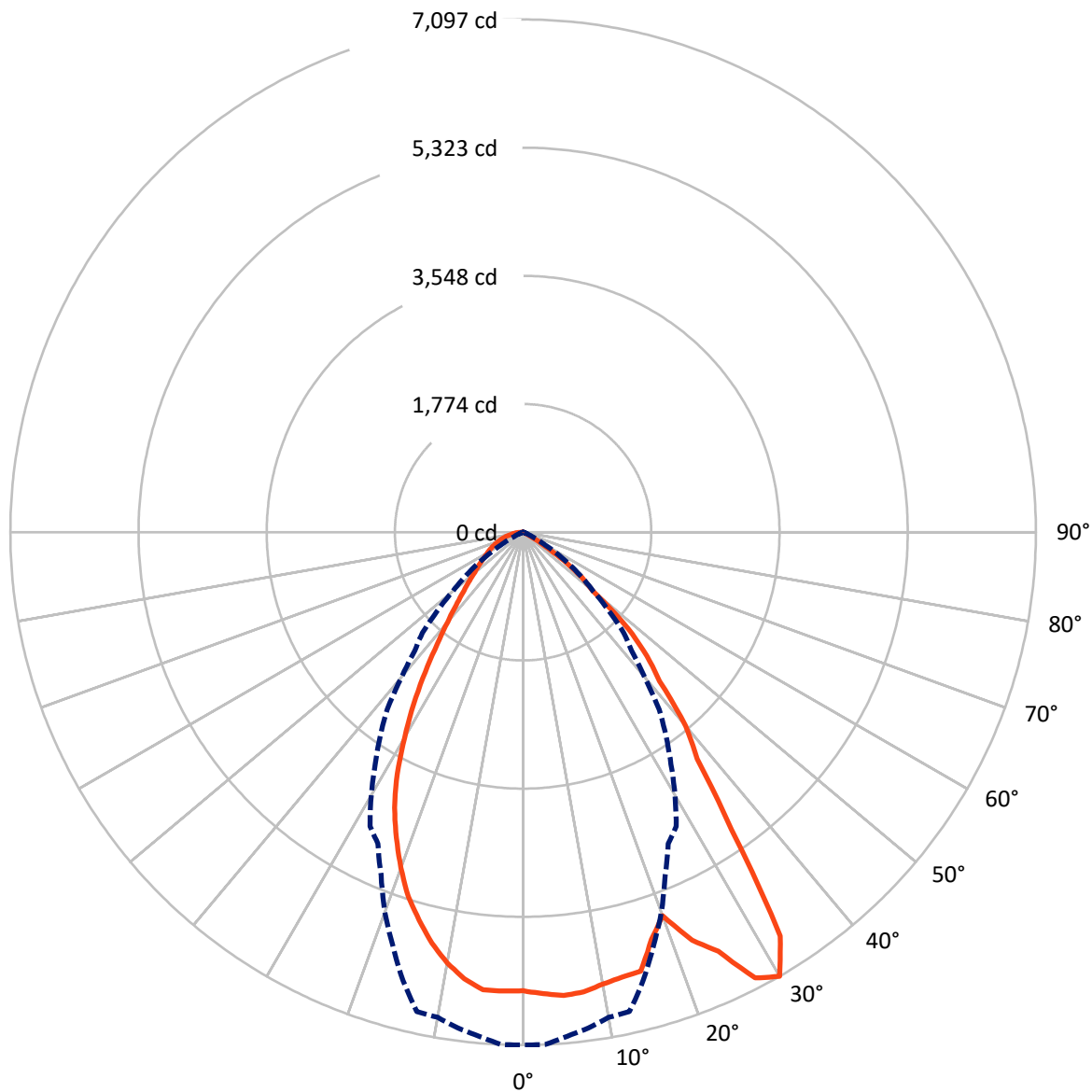
Lumen Table



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Luminous Intensity Polar Plot



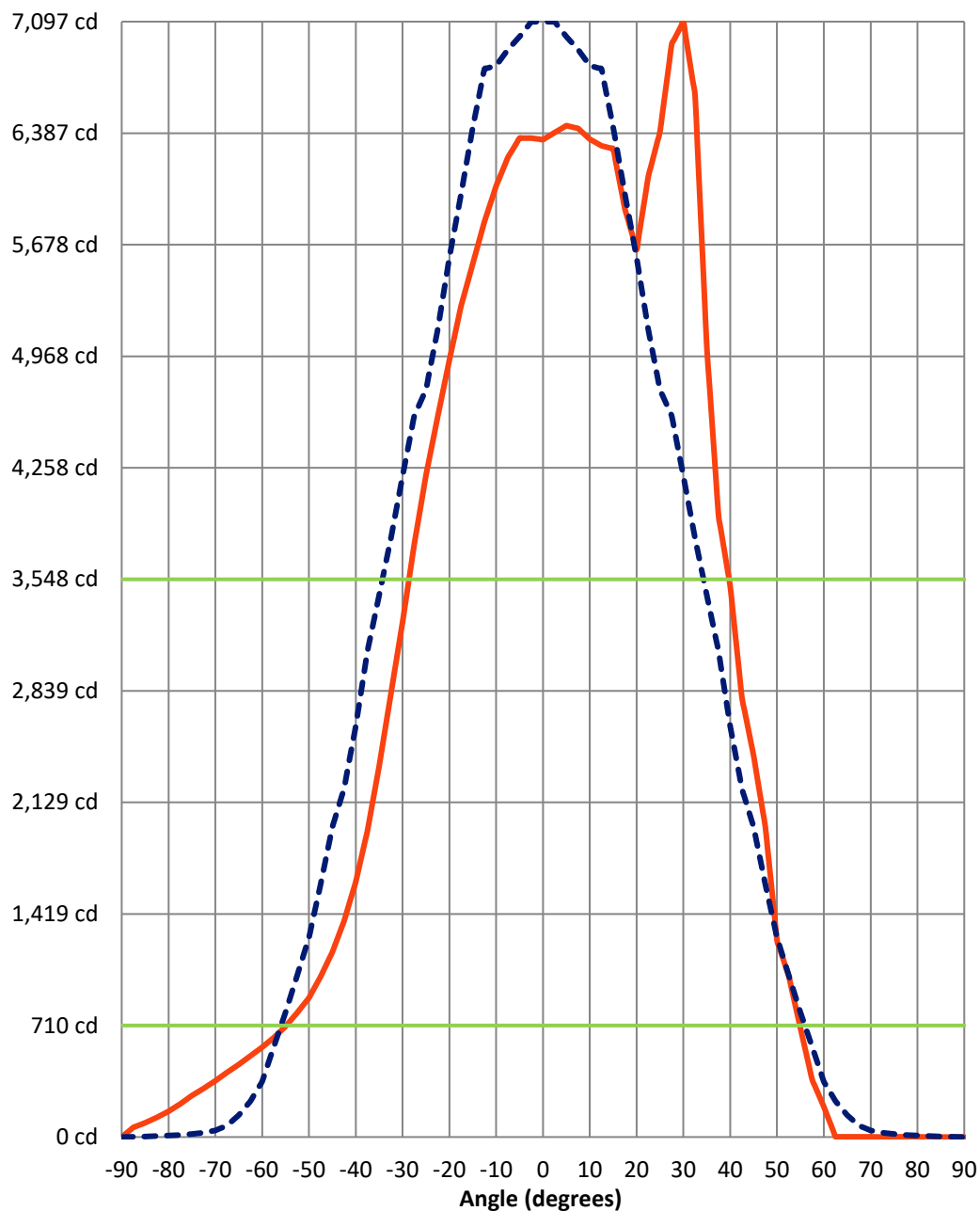
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 6485.4

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 9584.2

Efficiency: 94.3%

Spill:

Lumens: 581.7

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	3.2	3.2	3.2	3.2	3.2	3.2	4.9
82.5°	0.0	1.6	1.6	1.6	3.2	3.2	3.2	3.2	4.9	4.9	6.5
80°	1.6	1.6	1.6	1.6	3.2	3.2	3.2	4.9	4.9	6.5	6.5
77.5°	1.6	1.6	1.6	3.2	3.2	3.2	4.9	4.9	6.5	6.5	8.1
75°	1.6	1.6	1.6	3.2	3.2	4.9	4.9	4.9	6.5	6.5	8.1
72.5°	0.0	1.6	1.6	3.2	3.2	4.9	4.9	4.9	6.5	6.5	6.5
70°	1.6	1.6	1.6	3.2	3.2	4.9	4.9	4.9	6.5	6.5	6.5
67.5°	1.6	1.6	1.6	3.2	3.2	4.9	4.9	6.5	6.5	6.5	8.1
65°	1.6	1.6	1.6	3.2	4.9	4.9	6.5	8.1	8.1	9.7	11.3
62.5°	1.6	3.2	3.2	4.9	6.5	8.1	17.8	27.5	27.5	19.4	16.2
60°	192.6	208.8	207.2	187.7	163.5	137.6	132.7	127.9	118.1	103.6	108.4
57.5°	365.8	385.2	393.3	388.4	375.5	352.8	339.9	325.3	305.9	283.2	257.3
55°	692.7	700.8	683.0	649.0	611.8	574.6	561.6	542.2	513.1	483.9	445.1
52.5°	1024.5	1052.0	1043.9	1009.9	959.7	893.4	820.6	763.9	729.9	697.6	658.7
50°	1251.1	1262.4	1285.1	1325.5	1340.1	1294.8	1176.6	1024.5	916.0	971.1	929.0
47.5°	1974.5	2031.2	2019.8	1990.7	1942.1	1819.1	1654.1	1518.1	1404.8	1367.6	1374.1
45°	2426.1	2448.7	2440.6	2427.7	2405.0	2290.1	2107.2	1898.4	1793.2	1751.2	1707.5
42.5°	2796.7	2821.0	2825.8	2827.4	2803.2	2698.0	2532.9	2324.1	2218.9	2097.5	2002.0
40°	3504.0	3539.6	3499.1	3445.7	3364.8	3245.0	3083.2	2890.6	2704.4	2555.5	2442.2
37.5°	3955.5	3999.2	4015.4	4012.1	3994.3	3942.6	3743.5	3560.6	3275.8	2942.4	3002.2
35°	5026.9	5072.2	5059.3	5010.7	4984.8	4929.8	4735.6	4518.7	4161.0	3798.5	3701.4
32.5°	6624.3	6723.1	6538.6	6336.3	6211.6	6255.3	6057.9	5527.0	5361.9	4708.1	4405.4
30°	7096.9	7095.3	7001.4	6918.9	6816.9	6795.9	6423.6	5999.6	5595.0	5137.0	4755.0
27.5°	6952.9	6923.7	6844.4	6784.6	6689.1	6638.9	6274.7	5938.1	5470.4	5060.9	4691.9
25°	6397.8	6420.4	6339.5	6328.2	6290.9	6193.8	6012.6	5633.8	5216.3	4763.1	4497.7
22.5°	6111.3	6103.2	6006.1	5949.4	5994.8	5891.2	5818.3	5436.4	5001.0	4619.1	4300.2
20°	5645.2	5646.8	5622.5	5617.7	5590.1	5543.2	5484.9	5214.7	4907.2	4580.2	4196.7
17.5°	5905.7	5972.1	6001.2	5760.1	5828.1	5774.6	5713.1	5336.0	5104.6	4814.9	4314.8
15°	6287.7	6263.4	6234.3	6221.3	6184.1	6133.9	6022.3	5721.2	5323.1	5023.7	4633.6
12.5°	6307.1	6260.2	6248.9	6247.2	6208.4	6138.8	6030.4	5781.1	5428.3	5064.1	4746.9
10°	6349.2	6300.6	6294.2	6302.3	6242.4	6198.7	6090.2	5858.8	5460.7	5133.7	4834.3
7.5°	6417.2	6336.3	6373.5	6349.2	6321.7	6252.1	6135.6	5909.0	5578.8	5226.0	4912.0
5°	6435.0	6346.0	6386.4	6363.8	6323.3	6255.3	6129.1	5941.3	5651.6	5263.2	4942.8
2.5°	6391.3	6365.4	6347.6	6305.5	6287.7	6213.2	6093.5	5892.8	5617.7	5247.0	4936.3
0°	6346.0	6368.6	6328.2	6286.1	6278.0	6218.1	6116.1	5934.9	5697.0	5292.3	4991.3
-2.5°	6355.7	6337.9	6310.4	6266.7	6224.6	6138.8	6046.5	5876.6	5620.9	5193.6	4913.6
-5°	6355.7	6273.1	6276.4	6278.0	6235.9	6146.9	6035.2	5891.2	5575.6	5192.0	4891.0
-7.5°	6232.7	6161.5	6150.1	6140.4	6129.1	6046.5	5959.2	5779.5	5499.5	5149.9	4827.9
-10°	6051.4	5981.8	5988.3	5973.7	5938.1	5883.1	5816.7	5654.9	5425.1	5017.2	4700.0
-12.5°	5824.8	5794.1	5776.3	5752.0	5716.4	5667.8	5599.9	5447.7	5201.7	4853.7	4552.7
-15°	5556.2	5533.5	5517.3	5502.7	5451.0	5400.8	5311.8	5171.0	5017.2	4643.3	4335.8
-17.5°	5287.5	5230.8	5208.2	5188.8	5154.8	5073.9	4992.9	4887.7	4672.5	4376.3	4112.5
-20°	4942.8	4908.8	4881.3	4855.4	4806.8	4743.7	4677.3	4556.0	4369.8	4130.3	3856.8

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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°	4581.8	4562.4	4539.8	4507.4	4475.0	4415.1	4322.9	4206.4	4060.7	3801.8	3546.0
-25°	4209.6	4172.4	4144.9	4114.1	4088.2	4033.2	3944.2	3832.5	3649.6	3426.3	3212.6
-27.5°	3771.0	3735.4	3720.8	3685.2	3662.6	3612.4	3523.4	3419.8	3254.7	3067.0	2850.1
-30°	3275.8	3282.2	3266.0	3232.1	3204.5	3139.8	3071.8	2984.4	2855.0	2675.3	2481.1
-32.5°	2817.7	2825.8	2806.4	2770.8	2735.2	2688.3	2625.1	2545.8	2448.7	2277.2	2108.8
-35°	2359.7	2356.5	2340.3	2319.2	2295.0	2256.1	2184.9	2125.0	2013.4	1893.6	1777.1
-37.5°	1948.6	1956.7	1951.9	1940.5	1913.0	1880.6	1822.4	1767.4	1684.8	1579.6	1489.0
-40°	1623.3	1633.0	1626.5	1615.2	1590.9	1571.5	1532.7	1484.1	1417.8	1327.1	1251.1
-42.5°	1374.1	1380.5	1372.4	1362.7	1341.7	1327.1	1296.4	1255.9	1200.9	1131.3	1063.3
-45°	1176.6	1178.2	1170.1	1163.7	1147.5	1129.7	1103.8	1071.4	1027.7	979.2	924.1
-47.5°	1021.2	1019.6	1011.5	1005.1	992.1	975.9	954.9	925.8	891.8	854.5	810.8
-50°	885.3	893.4	890.2	883.7	874.0	862.6	841.6	810.8	776.9	749.3	718.6
-52.5°	791.4	793.0	791.4	791.4	789.8	781.7	757.4	726.7	689.5	665.2	639.3
-55°	704.0	712.1	715.4	718.6	720.2	720.2	691.1	658.7	623.1	598.8	579.4
-57.5°	632.8	637.7	640.9	649.0	655.5	660.3	634.4	605.3	577.8	555.1	537.3
-60°	571.3	577.8	582.6	590.7	595.6	598.8	582.6	563.2	547.0	532.5	506.6
-62.5°	516.3	521.1	526.0	530.9	535.7	538.9	532.5	522.8	514.7	508.2	475.8
-65°	461.3	466.1	471.0	477.4	482.3	485.5	483.9	477.4	471.0	464.5	435.4
-67.5°	411.1	415.9	422.4	424.0	427.3	428.9	425.7	420.8	412.7	404.6	382.0
-70°	357.7	360.9	364.2	364.2	364.2	362.5	359.3	352.8	344.7	333.4	315.6
-72.5°	309.1	312.4	315.6	310.7	307.5	302.7	297.8	289.7	281.6	273.5	263.8
-75°	263.8	265.4	265.4	259.0	254.1	249.2	242.8	237.9	229.8	223.3	215.3
-77.5°	210.4	210.4	210.4	205.5	202.3	199.1	194.2	189.4	182.9	178.0	171.6
-80°	163.5	163.5	163.5	161.8	157.0	153.8	150.5	147.3	142.4	139.2	136.0
-82.5°	124.6	124.6	124.6	123.0	119.8	118.1	114.9	111.7	110.1	106.8	105.2
-85°	90.6	92.3	92.3	90.6	89.0	85.8	84.2	82.5	80.9	79.3	76.1
-87.5°	61.5	61.5	61.5	59.9	58.3	58.3	56.6	53.4	50.2	48.6	46.9
-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):

	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	6.5	6.5	6.5	6.5	6.5	6.5	6.5	4.9
82.5°	8.1	8.1	9.7	9.7	11.3	11.3	11.3	11.3	11.3	11.3	11.3
80°	8.1	9.7	11.3	12.9	14.6	16.2	16.2	16.2	16.2	14.6	14.6
77.5°	9.7	9.7	11.3	12.9	14.6	16.2	17.8	19.4	17.8	17.8	17.8
75°	9.7	11.3	11.3	12.9	14.6	16.2	17.8	19.4	19.4	19.4	19.4
72.5°	8.1	9.7	11.3	12.9	12.9	14.6	16.2	16.2	17.8	17.8	19.4
70°	8.1	9.7	11.3	11.3	12.9	12.9	14.6	16.2	16.2	17.8	17.8
67.5°	9.7	11.3	11.3	12.9	14.6	14.6	14.6	16.2	16.2	17.8	17.8
65°	11.3	12.9	12.9	14.6	16.2	16.2	17.8	17.8	17.8	19.4	19.4
62.5°	19.4	19.4	19.4	17.8	19.4	19.4	19.4	21.0	21.0	19.4	21.0
60°	100.3	72.8	50.2	63.1	56.6	25.9	25.9	25.9	24.3	24.3	22.7
57.5°	236.3	220.1	189.4	160.2	144.0	127.9	79.3	32.4	32.4	29.1	25.9
55°	394.9	341.5	318.8	280.0	237.9	218.5	181.3	123.0	58.3	38.8	34.0
52.5°	611.8	561.6	503.3	424.0	367.4	322.1	291.3	231.4	155.4	82.5	51.8
50°	818.9	796.3	760.7	683.0	564.8	488.8	438.6	370.6	278.4	169.9	97.1
47.5°	1319.0	1129.7	1014.8	954.9	856.2	712.1	615.0	538.9	427.3	286.5	171.6
45°	1660.5	1540.8	1357.9	1231.6	1086.0	933.8	807.6	720.2	587.5	428.9	268.7
42.5°	1953.5	1849.9	1684.8	1500.3	1346.6	1147.5	985.6	870.7	759.1	585.9	401.4
40°	2330.6	2207.6	2049.0	1869.3	1689.7	1435.6	1173.4	1034.2	911.2	757.4	542.2
37.5°	2952.1	2735.2	2476.2	2277.2	2042.5	1827.2	1467.9	1221.9	1076.3	916.0	707.3
35°	3699.8	3461.9	3029.7	2765.9	2452.0	2131.5	1807.8	1443.7	1236.5	1066.6	859.4
32.5°	4395.7	4047.8	3494.2	3185.1	2976.3	2385.6	2050.6	1735.0	1401.6	1192.8	946.8
30°	4588.3	4204.7	3808.2	3447.3	3091.2	2613.8	2217.3	1971.3	1608.7	1268.9	1029.3
27.5°	4394.1	4130.3	3822.8	3487.8	3102.6	2693.1	2319.2	2084.6	1760.9	1320.7	1094.1
25°	4196.7	3921.5	3706.3	3426.3	3070.2	2688.3	2322.5	2155.8	1879.0	1421.0	1129.7
22.5°	3987.9	3816.3	3638.3	3325.9	2989.3	2702.8	2427.7	2217.3	1940.5	1534.3	1144.2
20°	3999.2	3887.5	3691.7	3274.1	2974.7	2788.6	2553.9	2295.0	2006.9	1633.0	1155.6
17.5°	4180.5	4034.8	3788.8	3426.3	3105.8	2876.0	2659.1	2401.8	2074.9	1720.4	1293.1
15°	4403.8	4182.1	3924.8	3605.9	3243.4	2971.5	2740.0	2476.2	2152.5	1801.3	1416.1
12.5°	4565.7	4250.1	4008.9	3720.8	3392.3	3075.1	2793.5	2532.9	2225.4	1867.7	1508.4
10°	4620.7	4334.2	4049.4	3792.0	3468.3	3130.1	2833.9	2568.5	2288.5	1919.5	1576.4
7.5°	4649.8	4407.1	4076.9	3824.4	3513.7	3164.1	2866.3	2587.9	2338.7	1955.1	1620.1
5°	4646.6	4445.9	4097.9	3834.1	3537.9	3178.6	2888.9	2592.8	2374.3	1985.8	1646.0
2.5°	4632.0	4471.8	4131.9	3850.3	3586.5	3206.2	2932.6	2602.5	2387.2	2019.8	1663.8
0°	4685.4	4473.4	4167.5	3855.2	3618.9	3215.9	2952.1	2594.4	2369.4	2029.5	1662.2
-2.5°	4570.5	4377.9	4159.4	3813.1	3575.2	3193.2	2916.5	2568.5	2330.6	2018.2	1655.7
-5°	4551.1	4308.3	4091.5	3774.2	3502.3	3146.3	2850.1	2519.9	2269.1	1981.0	1629.8
-7.5°	4499.3	4242.0	4025.1	3743.5	3434.4	3097.7	2787.0	2469.8	2202.7	1922.7	1592.6
-10°	4386.0	4140.0	3953.9	3677.1	3351.8	3028.1	2710.9	2403.4	2125.0	1843.4	1534.3
-12.5°	4224.2	3978.2	3793.7	3536.3	3248.2	2934.3	2620.3	2317.6	2036.0	1759.3	1464.7
-15°	4041.3	3792.0	3607.5	3372.9	3094.5	2788.6	2505.4	2209.2	1934.1	1670.2	1382.2
-17.5°	3834.1	3597.8	3419.8	3191.6	2914.8	2623.5	2341.9	2073.2	1815.9	1578.0	1286.7
-20°	3594.6	3364.8	3201.3	2973.1	2719.0	2435.8	2162.3	1908.2	1676.7	1453.4	1181.5

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CATALOG NUMBER: IFLD-S-SA3A-950-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°	3298.4	3096.1	2910.0	2706.1	2484.3	2225.4	1971.3	1746.3	1524.6	1306.1	1073.0
-25°	2995.8	2799.9	2618.7	2432.5	2220.5	1997.2	1780.3	1576.4	1359.5	1162.1	967.8
-27.5°	2659.1	2484.3	2322.5	2150.9	1956.7	1764.1	1586.1	1387.0	1199.3	1031.0	864.3
-30°	2299.8	2157.4	2016.6	1864.5	1707.5	1545.6	1387.0	1199.3	1052.0	917.7	776.9
-32.5°	1955.1	1827.2	1713.9	1600.7	1464.7	1332.0	1191.2	1052.0	929.0	810.8	692.7
-35°	1652.4	1516.5	1453.4	1362.7	1254.3	1134.5	1019.6	922.5	823.8	717.0	611.8
-37.5°	1390.3	1302.9	1228.4	1160.4	1074.7	971.1	888.5	809.2	726.7	629.6	538.9
-40°	1184.7	1121.6	1047.1	997.0	927.4	852.9	770.4	704.0	634.4	555.1	480.7
-42.5°	1019.6	967.8	919.3	865.9	814.1	751.0	679.8	616.6	553.5	495.2	433.7
-45°	883.7	846.5	807.6	763.9	718.6	663.6	605.3	540.6	495.2	443.5	391.7
-47.5°	772.0	744.5	712.1	678.1	639.3	590.7	537.3	490.4	443.5	399.8	349.6
-50°	683.0	657.1	631.2	602.1	568.1	526.0	485.5	441.8	398.1	356.1	309.1
-52.5°	608.5	585.9	564.8	540.6	508.2	472.6	435.4	396.5	356.1	314.0	276.8
-55°	556.7	530.9	509.8	485.5	456.4	422.4	388.4	352.8	314.0	281.6	250.9
-57.5°	514.7	485.5	461.3	435.4	406.2	377.1	346.3	314.0	284.8	254.1	225.0
-60°	479.1	445.1	417.6	391.7	364.2	336.6	310.7	283.2	255.7	228.2	199.1
-62.5°	441.8	406.2	372.2	348.0	326.9	302.7	280.0	254.1	229.8	202.3	181.3
-65°	399.8	365.8	333.4	312.4	292.9	271.9	250.9	228.2	207.2	186.1	166.7
-67.5°	352.8	323.7	301.0	281.6	262.2	244.4	225.0	205.5	187.7	166.7	147.3
-70°	296.2	280.0	267.0	252.5	234.7	218.5	200.7	182.9	163.5	145.7	127.9
-72.5°	252.5	242.8	233.1	218.5	202.3	187.7	173.2	157.0	140.8	124.6	110.1
-75°	207.2	199.1	191.0	181.3	168.3	157.0	144.0	129.5	116.5	105.2	93.9
-77.5°	166.7	160.2	155.4	147.3	137.6	127.9	119.8	110.1	100.3	89.0	77.7
-80°	132.7	129.5	127.9	124.6	116.5	108.4	102.0	93.9	84.2	76.1	68.0
-82.5°	103.6	103.6	102.0	100.3	93.9	87.4	82.5	76.1	69.6	63.1	55.0
-85°	76.1	74.4	74.4	72.8	68.0	64.7	59.9	56.6	51.8	45.3	42.1
-87.5°	45.3	43.7	42.1	40.5	37.2	35.6	32.4	30.8	27.5	24.3	22.7
-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-SA3A-950-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°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	0.0	0.0
85°	4.9	3.2	3.2	3.2	3.2	3.2	1.6	1.6	1.6	1.6	1.6
82.5°	9.7	9.7	8.1	8.1	6.5	4.9	3.2	3.2	3.2	1.6	1.6
80°	14.6	14.6	14.6	12.9	11.3	8.1	6.5	4.9	3.2	1.6	1.6
77.5°	17.8	16.2	16.2	14.6	14.6	12.9	9.7	8.1	4.9	3.2	1.6
75°	17.8	17.8	17.8	16.2	16.2	14.6	12.9	9.7	8.1	4.9	3.2
72.5°	19.4	17.8	17.8	17.8	16.2	14.6	12.9	11.3	9.7	6.5	3.2
70°	17.8	17.8	17.8	17.8	16.2	16.2	12.9	11.3	11.3	6.5	4.9
67.5°	17.8	17.8	17.8	16.2	16.2	14.6	12.9	11.3	11.3	8.1	4.9
65°	19.4	17.8	17.8	17.8	16.2	14.6	12.9	11.3	11.3	9.7	6.5
62.5°	21.0	19.4	19.4	17.8	16.2	14.6	12.9	11.3	11.3	9.7	6.5
60°	22.7	21.0	19.4	19.4	17.8	16.2	12.9	12.9	11.3	9.7	6.5
57.5°	24.3	22.7	22.7	21.0	19.4	17.8	14.6	12.9	11.3	9.7	8.1
55°	29.1	25.9	24.3	24.3	22.7	19.4	16.2	12.9	11.3	9.7	8.1
52.5°	38.8	30.8	27.5	27.5	25.9	22.7	17.8	14.6	11.3	9.7	8.1
50°	61.5	38.8	32.4	29.1	29.1	25.9	21.0	16.2	11.3	9.7	8.1
47.5°	97.1	64.7	38.8	34.0	32.4	30.8	24.3	16.2	12.9	9.7	8.1
45°	160.2	95.5	63.1	40.5	34.0	32.4	27.5	17.8	12.9	11.3	8.1
42.5°	220.1	148.9	97.1	48.6	40.5	35.6	29.1	19.4	14.6	11.3	8.1
40°	346.3	203.9	136.0	79.3	46.9	37.2	32.4	22.7	14.6	11.3	8.1
37.5°	469.4	270.3	182.9	116.5	53.4	42.1	34.0	24.3	16.2	11.3	9.7
35°	592.4	378.7	226.6	155.4	71.2	50.2	35.6	25.9	16.2	11.3	9.7
32.5°	702.4	480.7	271.9	194.2	106.8	59.9	38.8	27.5	17.8	12.9	9.7
30°	793.0	574.6	352.8	228.2	139.2	72.8	42.1	27.5	19.4	12.9	9.7
27.5°	861.0	647.4	435.4	263.8	166.7	85.8	48.6	30.8	19.4	12.9	9.7
25°	916.0	704.0	508.2	301.0	191.0	106.8	58.3	32.4	21.0	14.6	9.7
22.5°	959.7	751.0	568.1	351.2	220.1	127.9	71.2	35.6	21.0	14.6	9.7
20°	1019.6	797.9	608.5	404.6	250.9	147.3	82.5	38.8	21.0	14.6	11.3
17.5°	1071.4	844.8	640.9	449.9	281.6	161.8	95.5	42.1	22.7	14.6	11.3
15°	1131.3	890.2	670.0	485.5	310.7	174.8	106.8	45.3	22.7	16.2	11.3
12.5°	1196.0	932.2	691.1	514.7	341.5	186.1	116.5	51.8	24.3	16.2	11.3
10°	1262.4	967.8	708.9	535.7	364.2	197.5	123.0	58.3	25.9	16.2	11.3
7.5°	1328.8	1000.2	731.5	545.4	373.9	210.4	126.2	64.7	25.9	17.8	11.3
5°	1374.1	1021.2	763.9	551.9	378.7	225.0	131.1	72.8	27.5	17.8	11.3
2.5°	1412.9	1034.2	797.9	556.7	380.3	233.1	129.5	77.7	29.1	17.8	11.3
0°	1430.7	1034.2	820.6	553.5	375.5	241.1	129.5	82.5	29.1	17.8	11.3
-2.5°	1403.2	1063.3	814.1	555.1	377.1	241.1	136.0	84.2	32.4	19.4	11.3
-5°	1359.5	1074.7	794.7	547.0	373.9	241.1	144.0	85.8	34.0	19.4	12.9
-7.5°	1317.4	1079.5	772.0	538.9	369.0	234.7	145.7	84.2	37.2	21.0	12.9
-10°	1262.4	1026.1	742.9	524.4	359.3	229.8	148.9	84.2	38.8	21.0	12.9
-12.5°	1199.3	961.4	707.3	503.3	348.0	225.0	150.5	84.2	40.5	22.7	12.9
-15°	1126.4	895.0	666.8	480.7	331.8	218.5	147.3	82.5	42.1	22.7	14.6
-17.5°	1043.9	830.3	624.7	453.2	314.0	210.4	140.8	80.9	42.1	22.7	14.6
-20°	950.0	765.5	577.8	425.7	292.9	200.7	134.3	77.7	42.1	22.7	14.6

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CATALOG NUMBER: IFLD-S-SA3A-950-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	865.9	705.6	529.2	394.9	270.3	189.4	126.2	74.4	42.1	24.3	14.6
-25°	796.3	647.4	492.0	364.2	246.0	176.4	118.1	71.2	42.1	24.3	14.6
-27.5°	723.4	584.3	453.2	335.0	229.8	165.1	110.1	68.0	40.5	24.3	14.6
-30°	649.0	522.8	412.7	302.7	213.6	153.8	103.6	63.1	40.5	24.3	14.6
-32.5°	581.0	472.6	375.5	270.3	195.8	142.4	97.1	61.5	38.8	24.3	14.6
-35°	514.7	427.3	336.6	244.4	176.4	131.1	90.6	59.9	38.8	24.3	14.6
-37.5°	459.6	385.2	301.0	226.6	165.1	121.4	84.2	56.6	37.2	24.3	14.6
-40°	414.3	346.3	267.0	207.2	155.4	111.7	77.7	55.0	37.2	24.3	14.6
-42.5°	372.2	309.1	246.0	191.0	145.7	105.2	72.8	53.4	35.6	24.3	14.6
-45°	335.0	276.8	225.0	176.4	134.3	97.1	69.6	50.2	34.0	24.3	16.2
-47.5°	297.8	254.1	205.5	163.5	123.0	87.4	66.4	48.6	32.4	22.7	16.2
-50°	268.7	229.8	189.4	148.9	111.7	84.2	63.1	45.3	32.4	22.7	16.2
-52.5°	242.8	207.2	171.6	134.3	102.0	79.3	59.9	42.1	30.8	22.7	16.2
-55°	218.5	186.1	153.8	119.8	95.5	74.4	55.0	38.8	30.8	22.7	16.2
-57.5°	194.2	166.7	136.0	108.4	87.4	69.6	51.8	38.8	30.8	22.7	16.2
-60°	174.8	148.9	123.0	100.3	80.9	63.1	46.9	37.2	29.1	22.7	16.2
-62.5°	158.6	134.3	111.7	90.6	74.4	56.6	45.3	37.2	29.1	22.7	14.6
-65°	142.4	121.4	100.3	82.5	66.4	53.4	43.7	35.6	29.1	22.7	14.6
-67.5°	126.2	106.8	90.6	72.8	61.5	51.8	42.1	35.6	27.5	21.0	14.6
-70°	110.1	93.9	79.3	68.0	58.3	48.6	40.5	34.0	27.5	19.4	12.9
-72.5°	97.1	82.5	71.2	63.1	55.0	46.9	38.8	32.4	25.9	17.8	11.3
-75°	82.5	72.8	64.7	56.6	50.2	43.7	37.2	29.1	22.7	16.2	11.3
-77.5°	69.6	63.1	56.6	51.8	45.3	38.8	32.4	25.9	21.0	14.6	9.7
-80°	59.9	55.0	50.2	45.3	40.5	34.0	29.1	22.7	17.8	12.9	8.1
-82.5°	48.6	45.3	40.5	37.2	34.0	29.1	24.3	19.4	12.9	9.7	6.5
-85°	37.2	34.0	32.4	29.1	25.9	21.0	16.2	12.9	9.7	6.5	3.2
-87.5°	19.4	17.8	16.2	14.6	12.9	9.7	8.1	6.5	4.9	3.2	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-950-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°	3.2	1.6	0.0	0.0
65°	3.2	1.6	0.0	0.0
62.5°	3.2	1.6	0.0	0.0
60°	3.2	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	3.2	1.6	0.0
47.5°	4.9	3.2	1.6	0.0
45°	4.9	3.2	1.6	0.0
42.5°	4.9	3.2	1.6	0.0
40°	6.5	3.2	1.6	0.0
37.5°	6.5	3.2	1.6	0.0
35°	6.5	3.2	1.6	0.0
32.5°	6.5	3.2	1.6	0.0
30°	6.5	3.2	1.6	0.0
27.5°	6.5	4.9	1.6	0.0
25°	6.5	4.9	1.6	0.0
22.5°	8.1	4.9	1.6	0.0
20°	8.1	4.9	1.6	0.0
17.5°	8.1	4.9	1.6	0.0
15°	8.1	4.9	1.6	0.0
12.5°	8.1	4.9	1.6	0.0
10°	8.1	4.9	1.6	0.0
7.5°	8.1	4.9	1.6	0.0
5°	8.1	4.9	1.6	0.0
2.5°	8.1	4.9	1.6	0.0
0°	8.1	4.9	1.6	0.0
-2.5°	8.1	4.9	1.6	0.0
-5°	8.1	4.9	1.6	0.0
-7.5°	8.1	4.9	1.6	0.0
-10°	8.1	4.9	1.6	0.0
-12.5°	9.7	4.9	1.6	0.0
-15°	9.7	4.9	1.6	0.0
-17.5°	9.7	4.9	1.6	0.0
-20°	9.7	4.9	1.6	0.0

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CATALOG NUMBER: IFLD-S-SA3A-950-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	9.7	4.9	1.6	0.0
-25°	9.7	4.9	1.6	0.0
-27.5°	9.7	4.9	1.6	0.0
-30°	9.7	4.9	1.6	0.0
-32.5°	9.7	4.9	1.6	0.0
-35°	9.7	4.9	1.6	0.0
-37.5°	9.7	4.9	1.6	0.0
-40°	9.7	4.9	1.6	0.0
-42.5°	8.1	4.9	1.6	0.0
-45°	9.7	4.9	1.6	0.0
-47.5°	9.7	4.9	1.6	0.0
-50°	9.7	4.9	1.6	0.0
-52.5°	9.7	4.9	1.6	0.0
-55°	9.7	4.9	1.6	0.0
-57.5°	9.7	4.9	1.6	0.0
-60°	9.7	4.9	1.6	0.0
-62.5°	8.1	4.9	1.6	0.0
-65°	8.1	3.2	1.6	0.0
-67.5°	8.1	3.2	1.6	0.0
-70°	8.1	3.2	1.6	0.0
-72.5°	6.5	3.2	1.6	0.0
-75°	6.5	3.2	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°	3.2	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)