

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: P722643

Luminaire Tested: **IFLD-M-SA4C-927-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722643
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4C-927-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	18405.6 lumens	Max Intensity:	12849.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	84.4 lumens/watt		
Luminous Opening:	Rectangular (W 2' 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:	11742 lumens	Field Lumens:	17352.4 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

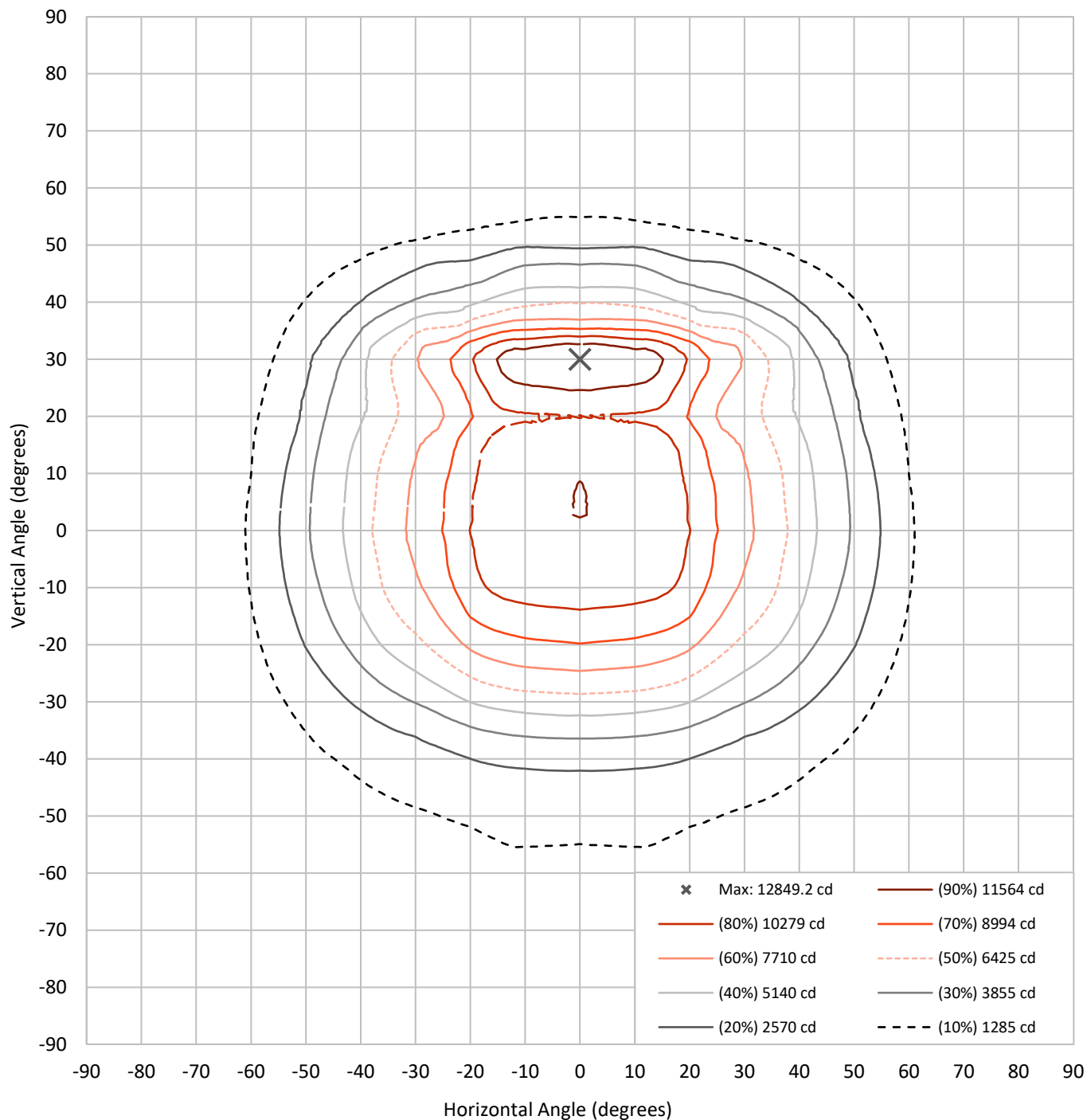
Input Watts (W): 218.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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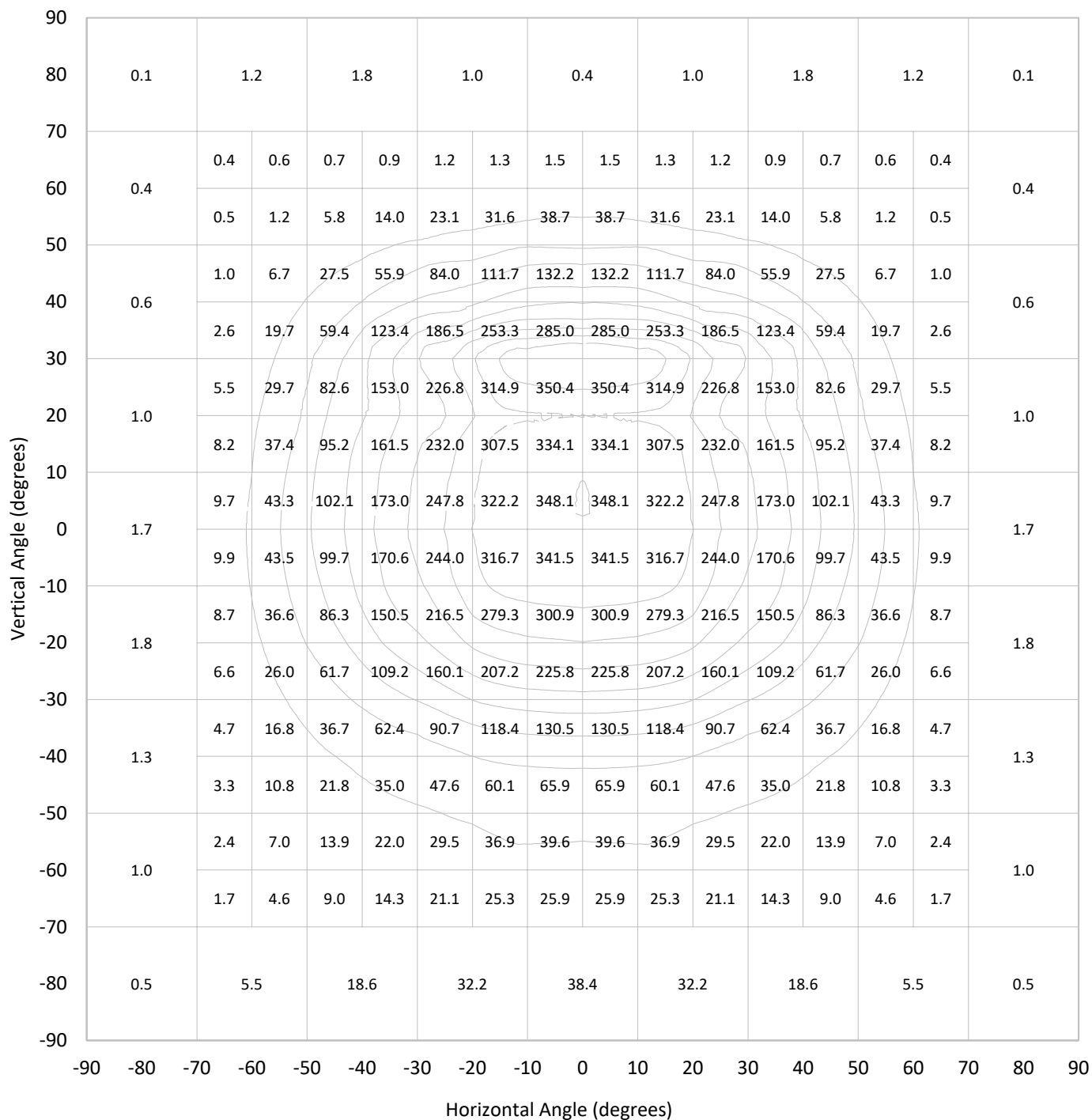
Iso-Candela Plot



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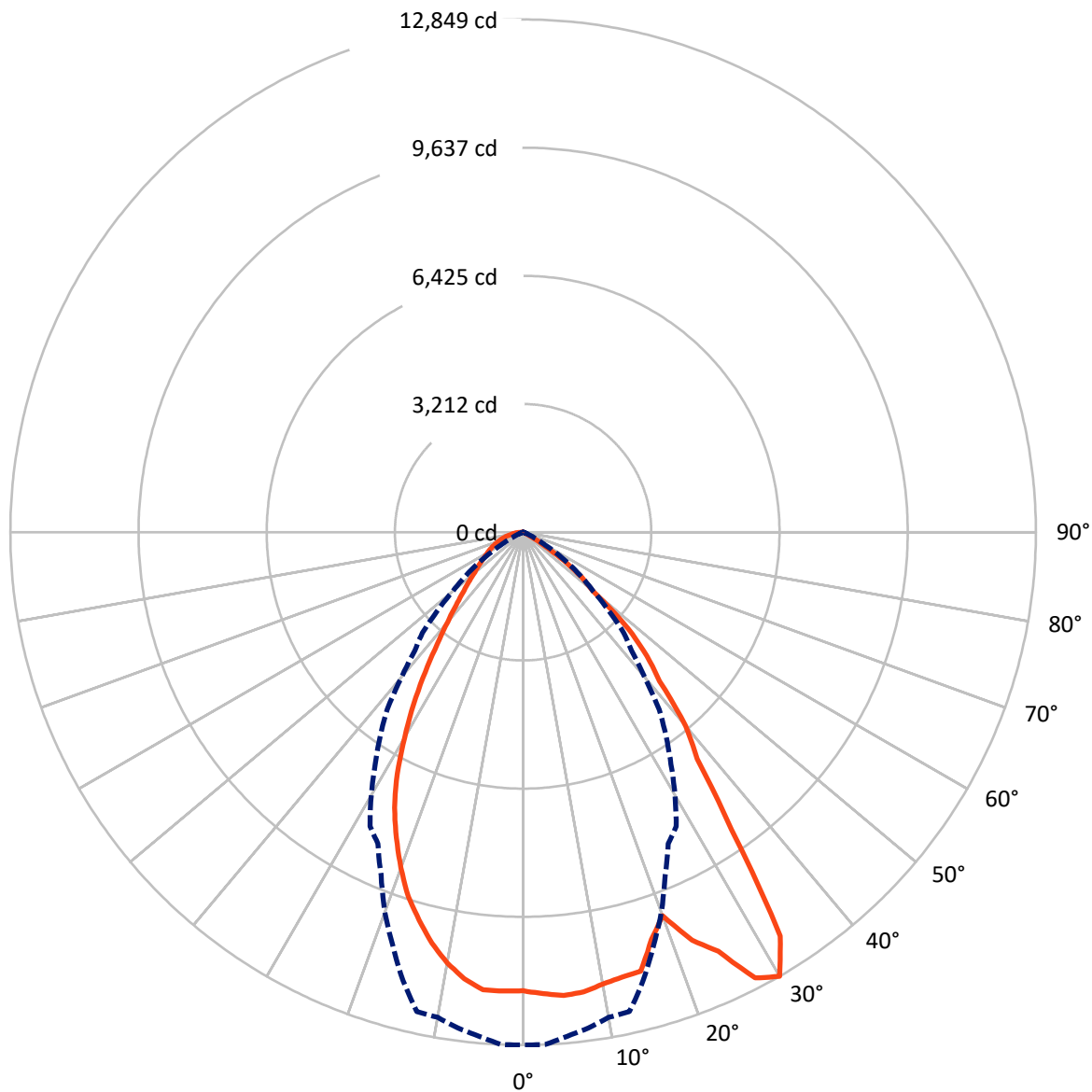
Lumen Table



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Luminous Intensity Polar Plot

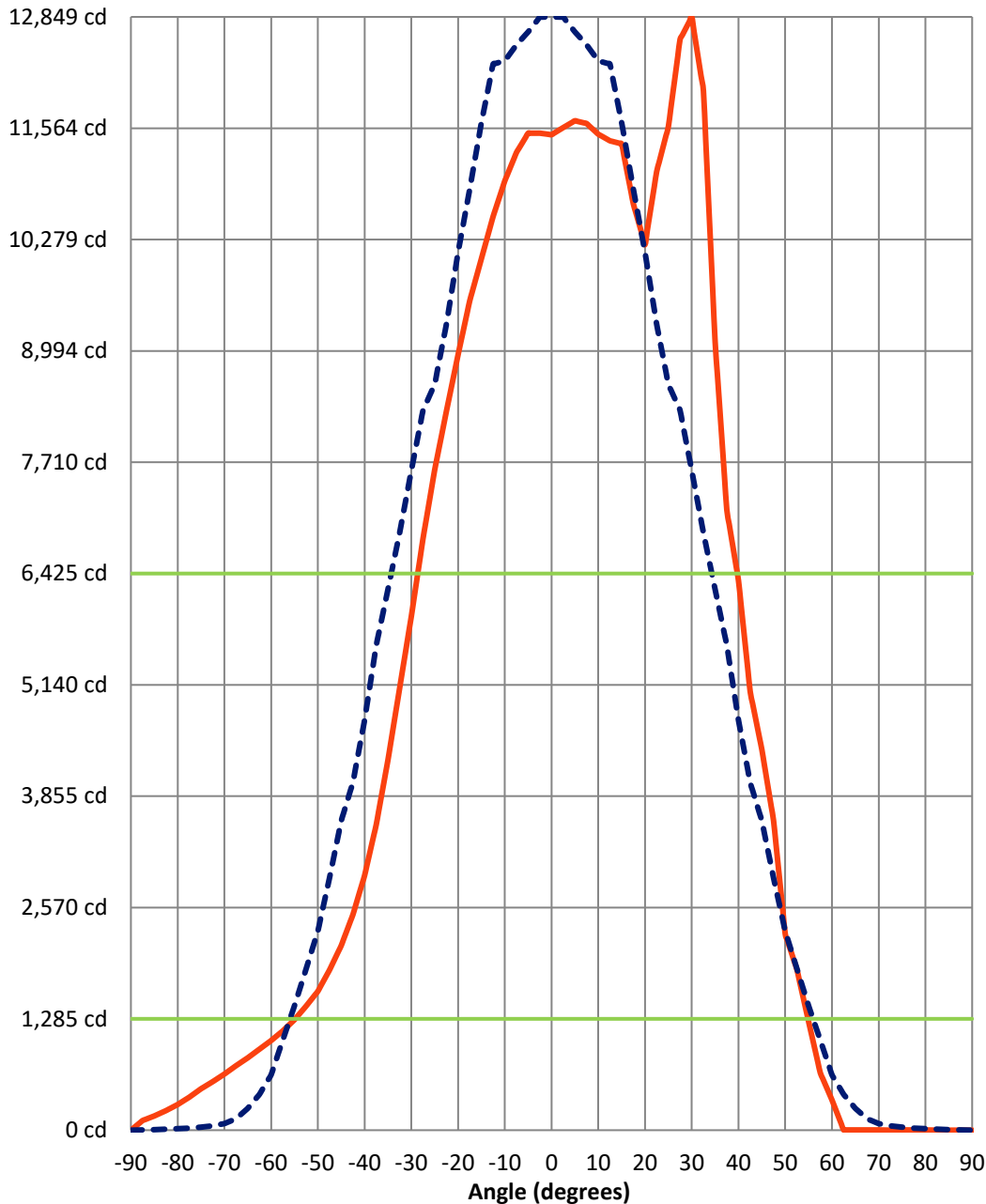


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°
V Angle: 68.4°
Lumens: 11742
Efficiency: 63.8%

Field:

H Angle: 111.9°
V Angle: 109.7°
Lumens: 17352.4
Efficiency: 94.3%

Spill:

Lumens: 1053.2
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	2.9	2.9	2.9	2.9	2.9	2.9	2.9
85°	0.0	2.9	2.9	2.9	5.9	5.9	5.9	5.9	5.9	5.9	8.8
82.5°	0.0	2.9	2.9	2.9	5.9	5.9	5.9	5.9	8.8	8.8	11.7
80°	2.9	2.9	2.9	2.9	5.9	5.9	5.9	8.8	8.8	11.7	11.7
77.5°	2.9	2.9	2.9	5.9	5.9	5.9	8.8	8.8	11.7	11.7	14.7
75°	2.9	2.9	2.9	5.9	5.9	8.8	8.8	8.8	11.7	11.7	14.7
72.5°	0.0	2.9	2.9	5.9	5.9	8.8	8.8	8.8	11.7	11.7	11.7
70°	2.9	2.9	2.9	5.9	5.9	8.8	8.8	8.8	11.7	11.7	11.7
67.5°	2.9	2.9	2.9	5.9	5.9	8.8	8.8	11.7	11.7	11.7	14.7
65°	2.9	2.9	2.9	5.9	8.8	8.8	11.7	14.7	14.7	17.6	20.5
62.5°	2.9	5.9	5.9	8.8	11.7	14.7	32.2	49.8	49.8	35.2	29.3
60°	348.7	378.0	375.1	339.9	296.0	249.1	240.3	231.5	213.9	187.5	196.3
57.5°	662.2	697.4	712.1	703.3	679.8	638.8	615.4	589.0	553.8	512.8	465.9
55°	1254.1	1268.8	1236.6	1175.0	1107.6	1040.2	1016.8	981.6	928.9	876.1	805.8
52.5°	1854.9	1904.7	1890.0	1828.5	1737.6	1617.5	1485.6	1383.1	1321.5	1262.9	1192.6
50°	2265.1	2285.6	2326.6	2399.9	2426.3	2344.2	2130.3	1854.9	1658.5	1758.2	1682.0
47.5°	3574.9	3677.5	3657.0	3604.2	3516.3	3293.6	2994.7	2748.6	2543.5	2476.1	2487.8
45°	4392.5	4433.5	4418.8	4395.4	4354.4	4146.3	3815.2	3437.2	3246.7	3170.5	3091.4
42.5°	5063.5	5107.4	5116.2	5119.2	5075.2	4884.7	4585.9	4207.8	4017.4	3797.6	3624.7
40°	6344.0	6408.5	6335.2	6238.5	6092.0	5875.2	5582.1	5233.4	4896.5	4626.9	4421.8
37.5°	7161.5	7240.7	7270.0	7264.1	7231.9	7138.1	6777.7	6446.6	5930.8	5327.2	5435.6
35°	9101.4	9183.4	9160.0	9072.1	9025.2	8925.6	8573.9	8181.3	7533.7	6877.3	6701.5
32.5°	11993.5	12172.3	11838.2	11472.0	11246.3	11325.4	10967.9	10006.8	9707.9	8524.1	7976.2
30°	12849.2	12846.2	12676.3	12526.8	12342.2	12304.1	11630.2	10862.5	10129.9	9300.6	8609.1
27.5°	12588.4	12535.6	12392.1	12283.6	12110.7	12019.9	11360.6	10751.1	9904.3	9162.9	8494.8
25°	11583.3	11624.3	11477.8	11457.3	11389.9	11214.1	10885.9	10200.2	9444.2	8623.7	8143.2
22.5°	11064.6	11050.0	10874.2	10771.6	10853.7	10666.1	10534.3	9842.7	9054.5	8363.0	7785.7
20°	10220.7	10223.7	10179.7	10170.9	10121.1	10036.1	9930.6	9441.3	8884.5	8292.6	7598.2
17.5°	10692.5	10812.6	10865.4	10428.8	10551.9	10455.2	10343.8	9661.1	9242.0	8717.5	7812.1
15°	11384.0	11340.1	11287.3	11263.9	11196.5	11105.7	10903.5	10358.5	9637.6	9095.5	8389.3
12.5°	11419.2	11334.2	11313.7	11310.8	11240.5	11114.5	10918.1	10466.9	9828.1	9168.8	8594.4
10°	11495.4	11407.5	11395.8	11410.4	11302.0	11222.9	11026.6	10607.5	9886.7	9294.8	8752.7
7.5°	11618.5	11472.0	11539.3	11495.4	11445.6	11319.6	11108.6	10698.4	10100.6	9461.8	8893.3
5°	11650.7	11489.5	11562.8	11521.8	11448.5	11325.4	11096.9	10757.0	10232.5	9529.2	8949.0
2.5°	11571.6	11524.7	11492.5	11416.3	11384.0	11249.3	11032.4	10669.1	10170.9	9499.9	8937.3
0°	11489.5	11530.6	11457.3	11381.1	11366.5	11258.0	11073.4	10745.2	10314.5	9581.9	9036.9
-2.5°	11507.1	11474.9	11425.1	11346.0	11269.8	11114.5	10947.4	10639.8	10176.8	9403.2	8896.3
-5°	11507.1	11357.7	11363.5	11366.5	11290.3	11129.1	10926.9	10666.1	10094.7	9400.3	8855.2
-7.5°	11284.4	11155.5	11135.0	11117.4	11096.9	10947.4	10789.2	10463.9	9957.0	9324.1	8741.0
-10°	10956.2	10830.2	10841.9	10815.6	10751.1	10651.5	10531.3	10238.3	9822.2	9083.8	8509.5
-12.5°	10546.0	10490.3	10458.1	10414.1	10349.7	10261.8	10138.7	9863.2	9417.8	8787.8	8242.8
-15°	10059.6	10018.5	9989.2	9962.9	9869.1	9778.3	9617.1	9362.2	9083.8	8406.9	7850.2
-17.5°	9573.1	9470.6	9429.6	9394.4	9332.9	9186.4	9039.8	8849.4	8459.6	7923.4	7445.8
-20°	8949.0	8887.5	8837.7	8790.8	8702.9	8588.6	8468.4	8248.7	7911.7	7478.0	6982.8

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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°	8295.6	8260.4	8219.4	8160.8	8102.2	7993.7	7826.7	7615.7	7352.0	6883.2	6420.2
-25°	7621.6	7554.2	7504.4	7448.7	7401.8	7302.2	7141.0	6938.8	6607.7	6203.4	5816.6
-27.5°	6827.5	6763.0	6736.7	6672.2	6631.2	6540.3	6379.2	6191.6	5892.7	5552.8	5160.2
-30°	5930.8	5942.6	5913.3	5851.7	5801.9	5684.7	5561.6	5403.4	5169.0	4843.7	4492.1
-32.5°	5101.6	5116.2	5081.1	5016.6	4952.1	4867.2	4752.9	4609.3	4433.5	4122.9	3818.1
-35°	4272.3	4266.5	4237.2	4199.1	4155.1	4084.8	3955.8	3847.4	3645.2	3428.4	3217.4
-37.5°	3528.0	3542.7	3533.9	3513.4	3463.6	3405.0	3299.5	3199.8	3050.4	2859.9	2695.8
-40°	2939.0	2956.6	2944.9	2924.4	2880.4	2845.3	2775.0	2687.0	2566.9	2402.8	2265.1
-42.5°	2487.8	2499.5	2484.9	2467.3	2429.2	2402.8	2347.1	2273.9	2174.3	2048.2	1925.2
-45°	2130.3	2133.2	2118.6	2106.9	2077.6	2045.3	1998.4	1939.8	1860.7	1772.8	1673.2
-47.5°	1849.0	1846.1	1831.4	1819.7	1796.2	1766.9	1728.9	1676.1	1614.6	1547.2	1468.1
-50°	1602.9	1617.5	1611.6	1599.9	1582.3	1561.8	1523.7	1468.1	1406.5	1356.7	1301.0
-52.5°	1432.9	1435.8	1432.9	1432.9	1430.0	1415.3	1371.4	1315.7	1248.3	1204.3	1157.5
-55°	1274.7	1289.3	1295.2	1301.0	1304.0	1304.0	1251.2	1192.6	1128.1	1084.2	1049.0
-57.5°	1145.7	1154.5	1160.4	1175.0	1186.8	1195.5	1148.7	1095.9	1046.1	1005.1	972.8
-60°	1034.4	1046.1	1054.9	1069.5	1078.3	1084.2	1054.9	1019.7	990.4	964.1	917.2
-62.5°	934.8	943.5	952.3	961.1	969.9	975.8	964.1	946.5	931.8	920.1	861.5
-65°	835.1	843.9	852.7	864.4	873.2	879.1	876.1	864.4	852.7	841.0	788.2
-67.5°	744.3	753.1	764.8	767.7	773.6	776.5	770.7	761.9	747.2	732.6	691.5
-70°	647.6	653.4	659.3	659.3	659.3	656.4	650.5	638.8	624.1	603.6	571.4
-72.5°	559.7	565.5	571.4	562.6	556.7	548.0	539.2	524.5	509.9	495.2	477.6
-75°	477.6	480.6	480.6	468.8	460.1	451.3	439.5	430.7	416.1	404.4	389.7
-77.5°	380.9	380.9	380.9	372.1	366.3	360.4	351.6	342.8	331.1	322.3	310.6
-80°	296.0	296.0	296.0	293.0	284.2	278.4	272.5	266.7	257.9	252.0	246.1
-82.5°	225.6	225.6	225.6	222.7	216.8	213.9	208.0	202.2	199.3	193.4	190.5
-85°	164.1	167.0	167.0	164.1	161.2	155.3	152.4	149.4	146.5	143.6	137.7
-87.5°	111.3	111.3	111.3	108.4	105.5	105.5	102.6	96.7	90.8	87.9	85.0
-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°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
85°	8.8	8.8	8.8	11.7	11.7	11.7	11.7	11.7	11.7	11.7	8.8
82.5°	14.7	14.7	17.6	17.6	20.5	20.5	20.5	20.5	20.5	20.5	20.5
80°	14.7	17.6	20.5	23.4	26.4	29.3	29.3	29.3	29.3	26.4	26.4
77.5°	17.6	17.6	20.5	23.4	26.4	29.3	32.2	35.2	32.2	32.2	32.2
75°	17.6	20.5	20.5	23.4	26.4	29.3	32.2	35.2	35.2	35.2	35.2
72.5°	14.7	17.6	20.5	23.4	23.4	26.4	29.3	29.3	32.2	32.2	35.2
70°	14.7	17.6	20.5	20.5	23.4	23.4	26.4	29.3	29.3	32.2	32.2
67.5°	17.6	20.5	20.5	23.4	26.4	26.4	26.4	29.3	29.3	32.2	32.2
65°	20.5	23.4	23.4	26.4	29.3	29.3	32.2	32.2	32.2	35.2	35.2
62.5°	35.2	35.2	35.2	32.2	35.2	35.2	35.2	38.1	38.1	35.2	38.1
60°	181.7	131.9	90.8	114.3	102.6	46.9	46.9	46.9	44.0	44.0	41.0
57.5°	427.8	398.5	342.8	290.1	260.8	231.5	143.6	58.6	58.6	52.7	46.9
55°	715.0	618.3	577.3	506.9	430.7	395.6	328.2	222.7	105.5	70.3	61.5
52.5°	1107.6	1016.8	911.3	767.7	665.2	583.1	527.4	419.0	281.3	149.4	93.8
50°	1482.7	1441.7	1377.2	1236.6	1022.7	884.9	794.1	671.0	504.0	307.7	175.8
47.5°	2388.2	2045.3	1837.3	1728.9	1550.1	1289.3	1113.5	975.8	773.6	518.7	310.6
45°	3006.4	2789.6	2458.5	2229.9	1966.2	1690.8	1462.2	1304.0	1063.7	776.5	486.4
42.5°	3536.8	3349.3	3050.4	2716.3	2438.0	2077.6	1784.5	1576.5	1374.3	1060.8	726.7
40°	4219.6	3996.9	3709.7	3384.4	3059.2	2599.1	2124.4	1872.4	1649.7	1371.4	981.6
37.5°	5344.8	4952.1	4483.3	4122.9	3698.0	3308.3	2657.7	2212.3	1948.6	1658.5	1280.5
35°	6698.6	6267.8	5485.4	5007.8	4439.3	3859.1	3273.1	2613.8	2238.7	1931.0	1556.0
32.5°	7958.6	7328.6	6326.4	5766.7	5388.7	4319.2	3712.6	3141.2	2537.6	2159.6	1714.2
30°	8307.3	7612.8	6894.9	6241.4	5596.8	4732.4	4014.5	3569.1	2912.7	2297.3	1863.6
27.5°	7955.6	7478.0	6921.3	6314.7	5617.3	4875.9	4199.1	3774.2	3188.1	2391.1	1980.9
25°	7598.2	7100.0	6710.3	6203.4	5558.7	4867.2	4204.9	3903.1	3402.0	2572.8	2045.3
22.5°	7220.2	6909.5	6587.2	6021.7	5412.2	4893.5	4395.4	4014.5	3513.4	2777.9	2071.7
20°	7240.7	7038.5	6683.9	5927.9	5385.8	5048.8	4623.9	4155.1	3633.5	2956.6	2092.2
17.5°	7568.9	7305.1	6859.7	6203.4	5623.2	5207.1	4814.4	4348.5	3756.6	3114.9	2341.3
15°	7973.2	7571.8	7105.9	6528.6	5872.2	5380.0	4960.9	4483.3	3897.2	3261.4	2564.0
12.5°	8266.3	7694.9	7258.2	6736.7	6141.8	5567.5	5057.6	4585.9	4029.1	3381.5	2731.0
10°	8365.9	7847.2	7331.5	6865.6	6279.5	5667.1	5130.9	4650.3	4143.4	3475.3	2854.1
7.5°	8418.6	7979.1	7381.3	6924.2	6361.6	5728.7	5189.5	4685.5	4234.2	3539.7	2933.2
5°	8412.8	8049.4	7419.4	6941.8	6405.5	5755.0	5230.5	4694.3	4298.7	3595.4	2980.1
2.5°	8386.4	8096.3	7480.9	6971.1	6493.4	5804.8	5309.6	4711.9	4322.1	3657.0	3012.3
0°	8483.1	8099.2	7545.4	6979.9	6552.1	5822.4	5344.8	4697.2	4289.9	3674.5	3009.4
-2.5°	8275.0	7926.3	7530.8	6903.7	6472.9	5781.4	5280.3	4650.3	4219.6	3654.0	2997.7
-5°	8239.9	7800.3	7407.7	6833.4	6341.1	5696.4	5160.2	4562.4	4108.2	3586.6	2950.8
-7.5°	8146.1	7680.2	7287.5	6777.7	6218.0	5608.5	5045.9	4471.6	3988.1	3481.1	2883.4
-10°	7941.0	7495.6	7158.6	6657.5	6068.6	5482.5	4908.2	4351.4	3847.4	3337.6	2777.9
-12.5°	7648.0	7202.6	6868.5	6402.6	5881.0	5312.6	4744.1	4196.1	3686.3	3185.2	2651.9
-15°	7316.8	6865.6	6531.5	6106.7	5602.6	5048.8	4536.0	3999.8	3501.7	3024.0	2502.4
-17.5°	6941.8	6514.0	6191.6	5778.5	5277.4	4749.9	4240.1	3753.7	3287.7	2857.0	2329.6
-20°	6508.1	6092.0	5796.0	5382.9	4922.8	4410.0	3914.8	3454.8	3035.7	2631.4	2139.1

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CATALOG NUMBER: IFLD-M-SA4C-927-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°	5971.9	5605.6	5268.6	4899.4	4497.9	4029.1	3569.1	3161.7	2760.3	2364.7	1942.8
-25°	5423.9	5069.3	4741.2	4404.2	4020.3	3615.9	3223.3	2854.1	2461.4	2103.9	1752.3
-27.5°	4814.4	4497.9	4204.9	3894.3	3542.7	3194.0	2871.7	2511.2	2171.3	1866.6	1564.8
-30°	4163.9	3906.0	3651.1	3375.7	3091.4	2798.4	2511.2	2171.3	1904.7	1661.5	1406.5
-32.5°	3539.7	3308.3	3103.1	2898.0	2651.9	2411.6	2156.7	1904.7	1682.0	1468.1	1254.1
-35°	2991.8	2745.6	2631.4	2467.3	2270.9	2054.1	1846.1	1670.2	1491.5	1298.1	1107.6
-37.5°	2517.1	2358.9	2224.1	2101.0	1945.7	1758.2	1608.7	1465.1	1315.7	1139.9	975.8
-40°	2144.9	2030.7	1895.9	1805.0	1679.0	1544.2	1394.8	1274.7	1148.7	1005.1	870.3
-42.5°	1846.1	1752.3	1664.4	1567.7	1473.9	1359.6	1230.7	1116.4	1002.1	896.7	785.3
-45°	1599.9	1532.5	1462.2	1383.1	1301.0	1201.4	1095.9	978.7	896.7	802.9	709.1
-47.5°	1397.7	1347.9	1289.3	1227.8	1157.5	1069.5	972.8	887.9	802.9	723.8	632.9
-50°	1236.6	1189.7	1142.8	1090.1	1028.5	952.3	879.1	800.0	720.8	644.7	559.7
-52.5°	1101.8	1060.8	1022.7	978.7	920.1	855.6	788.2	717.9	644.7	568.5	501.1
-55°	1008.0	961.1	923.0	879.1	826.3	764.8	703.3	638.8	568.5	509.9	454.2
-57.5°	931.8	879.1	835.1	788.2	735.5	682.7	627.1	568.5	515.7	460.1	407.3
-60°	867.4	805.8	756.0	709.1	659.3	609.5	562.6	512.8	463.0	413.2	360.4
-62.5°	800.0	735.5	674.0	630.0	591.9	548.0	506.9	460.1	416.1	366.3	328.2
-65°	723.8	662.2	603.6	565.5	530.4	492.3	454.2	413.2	375.1	337.0	301.8
-67.5°	638.8	586.1	545.0	509.9	474.7	442.5	407.3	372.1	339.9	301.8	266.7
-70°	536.2	506.9	483.5	457.1	424.9	395.6	363.4	331.1	296.0	263.7	231.5
-72.5°	457.1	439.5	422.0	395.6	366.3	339.9	313.5	284.2	254.9	225.6	199.3
-75°	375.1	360.4	345.8	328.2	304.7	284.2	260.8	234.4	211.0	190.5	170.0
-77.5°	301.8	290.1	281.3	266.7	249.1	231.5	216.8	199.3	181.7	161.2	140.7
-80°	240.3	234.4	231.5	225.6	211.0	196.3	184.6	170.0	152.4	137.7	123.1
-82.5°	187.5	187.5	184.6	181.7	170.0	158.2	149.4	137.7	126.0	114.3	99.6
-85°	137.7	134.8	134.8	131.9	123.1	117.2	108.4	102.6	93.8	82.0	76.2
-87.5°	82.0	79.1	76.2	73.3	67.4	64.5	58.6	55.7	49.8	44.0	41.0
-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-M-SA4C-927-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°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	0.0	0.0
85°	8.8	5.9	5.9	5.9	5.9	5.9	2.9	2.9	2.9	2.9	2.9
82.5°	17.6	17.6	14.7	14.7	11.7	8.8	5.9	5.9	5.9	2.9	2.9
80°	26.4	26.4	26.4	23.4	20.5	14.7	11.7	8.8	5.9	2.9	2.9
77.5°	32.2	29.3	29.3	26.4	26.4	23.4	17.6	14.7	8.8	5.9	2.9
75°	32.2	32.2	32.2	29.3	29.3	26.4	23.4	17.6	14.7	8.8	5.9
72.5°	35.2	32.2	32.2	32.2	29.3	26.4	23.4	20.5	17.6	11.7	5.9
70°	32.2	32.2	32.2	32.2	29.3	29.3	23.4	20.5	20.5	11.7	8.8
67.5°	32.2	32.2	32.2	29.3	29.3	26.4	23.4	20.5	20.5	14.7	8.8
65°	35.2	32.2	32.2	32.2	29.3	26.4	23.4	20.5	20.5	17.6	11.7
62.5°	38.1	35.2	35.2	32.2	29.3	26.4	23.4	20.5	20.5	17.6	11.7
60°	41.0	38.1	35.2	35.2	32.2	29.3	23.4	23.4	20.5	17.6	11.7
57.5°	44.0	41.0	41.0	38.1	35.2	32.2	26.4	23.4	20.5	17.6	14.7
55°	52.7	46.9	44.0	44.0	41.0	35.2	29.3	23.4	20.5	17.6	14.7
52.5°	70.3	55.7	49.8	49.8	46.9	41.0	32.2	26.4	20.5	17.6	14.7
50°	111.3	70.3	58.6	52.7	52.7	46.9	38.1	29.3	20.5	17.6	14.7
47.5°	175.8	117.2	70.3	61.5	58.6	55.7	44.0	29.3	23.4	17.6	14.7
45°	290.1	172.9	114.3	73.3	61.5	58.6	49.8	32.2	23.4	20.5	14.7
42.5°	398.5	269.6	175.8	87.9	73.3	64.5	52.7	35.2	26.4	20.5	14.7
40°	627.1	369.2	246.1	143.6	85.0	67.4	58.6	41.0	26.4	20.5	14.7
37.5°	849.8	489.4	331.1	211.0	96.7	76.2	61.5	44.0	29.3	20.5	17.6
35°	1072.5	685.7	410.2	281.3	128.9	90.8	64.5	46.9	29.3	20.5	17.6
32.5°	1271.7	870.3	492.3	351.6	193.4	108.4	70.3	49.8	32.2	23.4	17.6
30°	1435.8	1040.2	638.8	413.2	252.0	131.9	76.2	49.8	35.2	23.4	17.6
27.5°	1558.9	1172.1	788.2	477.6	301.8	155.3	87.9	55.7	35.2	23.4	17.6
25°	1658.5	1274.7	920.1	545.0	345.8	193.4	105.5	58.6	38.1	26.4	17.6
22.5°	1737.6	1359.6	1028.5	635.9	398.5	231.5	128.9	64.5	38.1	26.4	17.6
20°	1846.1	1444.6	1101.8	732.6	454.2	266.7	149.4	70.3	38.1	26.4	20.5
17.5°	1939.8	1529.6	1160.4	814.6	509.9	293.0	172.9	76.2	41.0	26.4	20.5
15°	2048.2	1611.6	1213.1	879.1	562.6	316.5	193.4	82.0	41.0	29.3	20.5
12.5°	2165.5	1687.8	1251.2	931.8	618.3	337.0	211.0	93.8	44.0	29.3	20.5
10°	2285.6	1752.3	1283.5	969.9	659.3	357.5	222.7	105.5	46.9	29.3	20.5
7.5°	2405.7	1810.9	1324.5	987.5	676.9	380.9	228.6	117.2	46.9	32.2	20.5
5°	2487.8	1849.0	1383.1	999.2	685.7	407.3	237.4	131.9	49.8	32.2	20.5
2.5°	2558.1	1872.4	1444.6	1008.0	688.6	422.0	234.4	140.7	52.7	32.2	20.5
0°	2590.3	1872.4	1485.6	1002.1	679.8	436.6	234.4	149.4	52.7	32.2	20.5
-2.5°	2540.5	1925.2	1473.9	1005.1	682.7	436.6	246.1	152.4	58.6	35.2	20.5
-5°	2461.4	1945.7	1438.8	990.4	676.9	436.6	260.8	155.3	61.5	35.2	23.4
-7.5°	2385.2	1954.5	1397.7	975.8	668.1	424.9	263.7	152.4	67.4	38.1	23.4
-10°	2285.6	1857.8	1345.0	949.4	650.5	416.1	269.6	152.4	70.3	38.1	23.4
-12.5°	2171.3	1740.6	1280.5	911.3	630.0	407.3	272.5	152.4	73.3	41.0	23.4
-15°	2039.5	1620.4	1207.3	870.3	600.7	395.6	266.7	149.4	76.2	41.0	26.4
-17.5°	1890.0	1503.2	1131.1	820.5	568.5	380.9	254.9	146.5	76.2	41.0	26.4
-20°	1720.1	1386.0	1046.1	770.7	530.4	363.4	243.2	140.7	76.2	41.0	26.4



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CATALOG NUMBER: IFLD-M-SA4C-927-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1567.7	1277.6	958.2	715.0	489.4	342.8	228.6	134.8	76.2	44.0	26.4
-25°	1441.7	1172.1	890.8	659.3	445.4	319.4	213.9	128.9	76.2	44.0	26.4
-27.5°	1309.8	1057.8	820.5	606.6	416.1	298.9	199.3	123.1	73.3	44.0	26.4
-30°	1175.0	946.5	747.2	548.0	386.8	278.4	187.5	114.3	73.3	44.0	26.4
-32.5°	1052.0	855.6	679.8	489.4	354.6	257.9	175.8	111.3	70.3	44.0	26.4
-35°	931.8	773.6	609.5	442.5	319.4	237.4	164.1	108.4	70.3	44.0	26.4
-37.5°	832.2	697.4	545.0	410.2	298.9	219.8	152.4	102.6	67.4	44.0	26.4
-40°	750.1	627.1	483.5	375.1	281.3	202.2	140.7	99.6	67.4	44.0	26.4
-42.5°	674.0	559.7	445.4	345.8	263.7	190.5	131.9	96.7	64.5	44.0	26.4
-45°	606.6	501.1	407.3	319.4	243.2	175.8	126.0	90.8	61.5	44.0	29.3
-47.5°	539.2	460.1	372.1	296.0	222.7	158.2	120.1	87.9	58.6	41.0	29.3
-50°	486.4	416.1	342.8	269.6	202.2	152.4	114.3	82.0	58.6	41.0	29.3
-52.5°	439.5	375.1	310.6	243.2	184.6	143.6	108.4	76.2	55.7	41.0	29.3
-55°	395.6	337.0	278.4	216.8	172.9	134.8	99.6	70.3	55.7	41.0	29.3
-57.5°	351.6	301.8	246.1	196.3	158.2	126.0	93.8	70.3	55.7	41.0	29.3
-60°	316.5	269.6	222.7	181.7	146.5	114.3	85.0	67.4	52.7	41.0	29.3
-62.5°	287.2	243.2	202.2	164.1	134.8	102.6	82.0	67.4	52.7	41.0	26.4
-65°	257.9	219.8	181.7	149.4	120.1	96.7	79.1	64.5	52.7	41.0	26.4
-67.5°	228.6	193.4	164.1	131.9	111.3	93.8	76.2	64.5	49.8	38.1	26.4
-70°	199.3	170.0	143.6	123.1	105.5	87.9	73.3	61.5	49.8	35.2	23.4
-72.5°	175.8	149.4	128.9	114.3	99.6	85.0	70.3	58.6	46.9	32.2	20.5
-75°	149.4	131.9	117.2	102.6	90.8	79.1	67.4	52.7	41.0	29.3	20.5
-77.5°	126.0	114.3	102.6	93.8	82.0	70.3	58.6	46.9	38.1	26.4	17.6
-80°	108.4	99.6	90.8	82.0	73.3	61.5	52.7	41.0	32.2	23.4	14.7
-82.5°	87.9	82.0	73.3	67.4	61.5	52.7	44.0	35.2	23.4	17.6	11.7
-85°	67.4	61.5	58.6	52.7	46.9	38.1	29.3	23.4	17.6	11.7	5.9
-87.5°	35.2	32.2	29.3	26.4	23.4	17.6	14.7	11.7	8.8	5.9	2.9
-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-M-SA4C-927-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°	2.9	0.0	0.0	0.0
77.5°	2.9	0.0	0.0	0.0
75°	2.9	2.9	0.0	0.0
72.5°	2.9	2.9	0.0	0.0
70°	2.9	2.9	0.0	0.0
67.5°	5.9	2.9	0.0	0.0
65°	5.9	2.9	0.0	0.0
62.5°	5.9	2.9	0.0	0.0
60°	5.9	2.9	0.0	0.0
57.5°	8.8	2.9	2.9	0.0
55°	8.8	2.9	2.9	0.0
52.5°	8.8	2.9	2.9	0.0
50°	8.8	5.9	2.9	0.0
47.5°	8.8	5.9	2.9	0.0
45°	8.8	5.9	2.9	0.0
42.5°	8.8	5.9	2.9	0.0
40°	11.7	5.9	2.9	0.0
37.5°	11.7	5.9	2.9	0.0
35°	11.7	5.9	2.9	0.0
32.5°	11.7	5.9	2.9	0.0
30°	11.7	5.9	2.9	0.0
27.5°	11.7	8.8	2.9	0.0
25°	11.7	8.8	2.9	0.0
22.5°	14.7	8.8	2.9	0.0
20°	14.7	8.8	2.9	0.0
17.5°	14.7	8.8	2.9	0.0
15°	14.7	8.8	2.9	0.0
12.5°	14.7	8.8	2.9	0.0
10°	14.7	8.8	2.9	0.0
7.5°	14.7	8.8	2.9	0.0
5°	14.7	8.8	2.9	0.0
2.5°	14.7	8.8	2.9	0.0
0°	14.7	8.8	2.9	0.0
-2.5°	14.7	8.8	2.9	0.0
-5°	14.7	8.8	2.9	0.0
-7.5°	14.7	8.8	2.9	0.0
-10°	14.7	8.8	2.9	0.0
-12.5°	17.6	8.8	2.9	0.0
-15°	17.6	8.8	2.9	0.0
-17.5°	17.6	8.8	2.9	0.0
-20°	17.6	8.8	2.9	0.0

REPORT NUMBER: P722643

CATALOG NUMBER: IFLD-M-SA4C-927-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	17.6	8.8	2.9	0.0
-25°	17.6	8.8	2.9	0.0
-27.5°	17.6	8.8	2.9	0.0
-30°	17.6	8.8	2.9	0.0
-32.5°	17.6	8.8	2.9	0.0
-35°	17.6	8.8	2.9	0.0
-37.5°	17.6	8.8	2.9	0.0
-40°	17.6	8.8	2.9	0.0
-42.5°	14.7	8.8	2.9	0.0
-45°	17.6	8.8	2.9	0.0
-47.5°	17.6	8.8	2.9	0.0
-50°	17.6	8.8	2.9	0.0
-52.5°	17.6	8.8	2.9	0.0
-55°	17.6	8.8	2.9	0.0
-57.5°	17.6	8.8	2.9	0.0
-60°	17.6	8.8	2.9	0.0
-62.5°	14.7	8.8	2.9	0.0
-65°	14.7	5.9	2.9	0.0
-67.5°	14.7	5.9	2.9	0.0
-70°	14.7	5.9	2.9	0.0
-72.5°	11.7	5.9	2.9	0.0
-75°	11.7	5.9	2.9	0.0
-77.5°	8.8	2.9	0.0	0.0
-80°	8.8	2.9	0.0	0.0
-82.5°	5.9	2.9	0.0	0.0
-85°	2.9	2.9	0.0	0.0
-87.5°	2.9	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)