

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: P722642

Luminaire Tested: **IFLD-M-SA4B-927-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722642
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4B-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:	14785.4 lumens	Max Intensity:	10321.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	89.0 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:	9432.5 lumens	Field Lumens:	13939.3 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

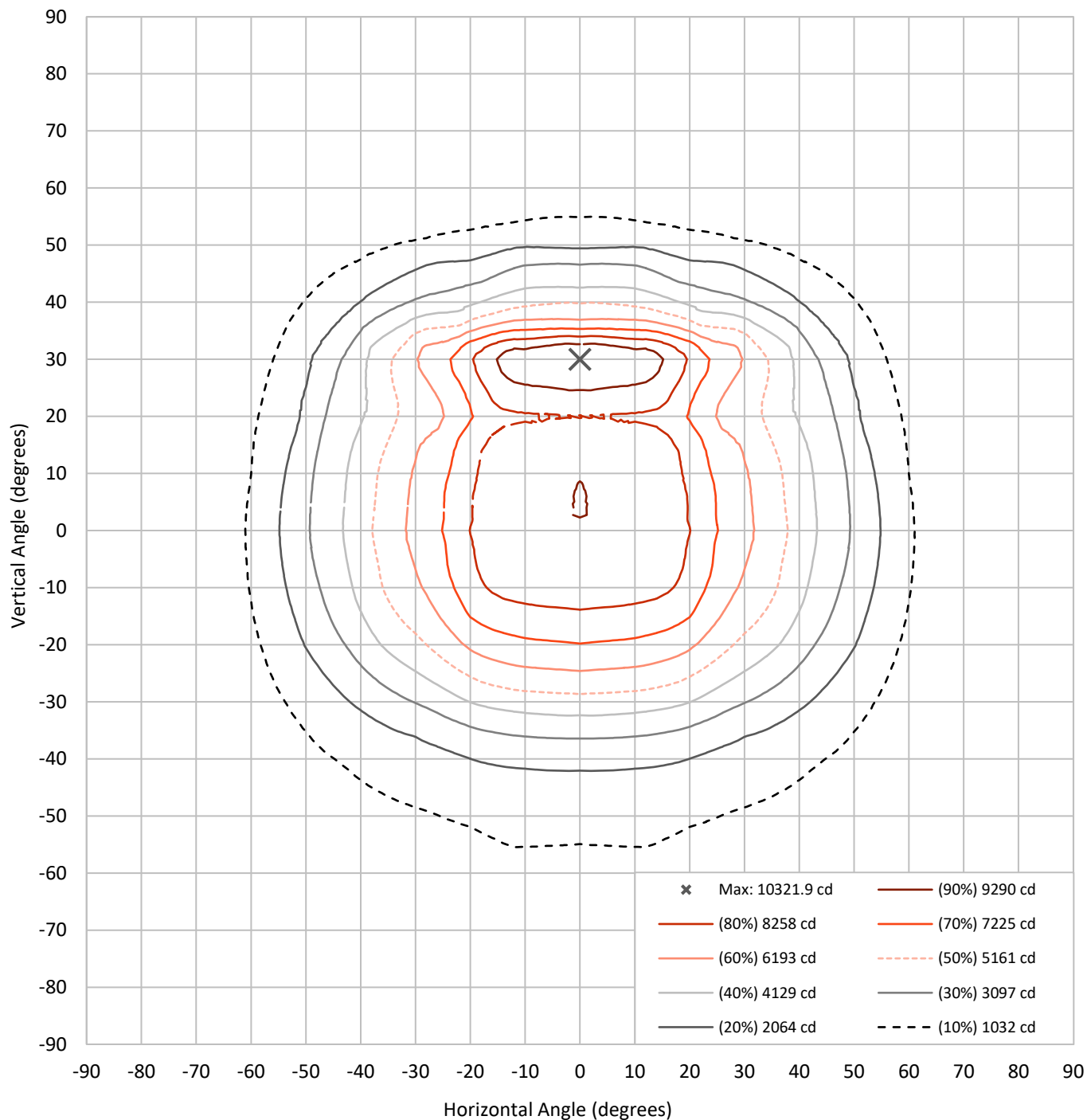
Input Watts (W): 166.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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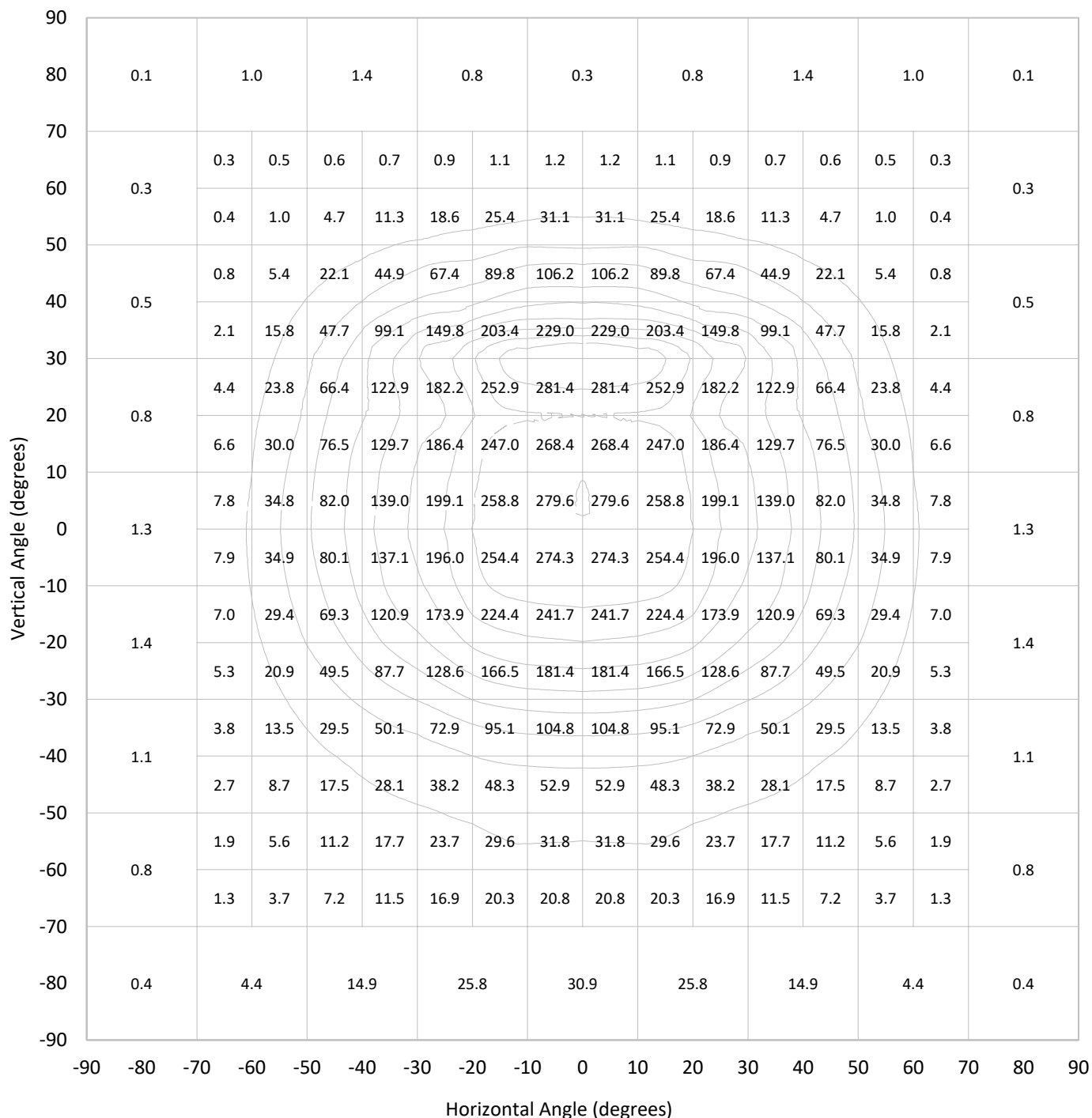
Iso-Candela Plot



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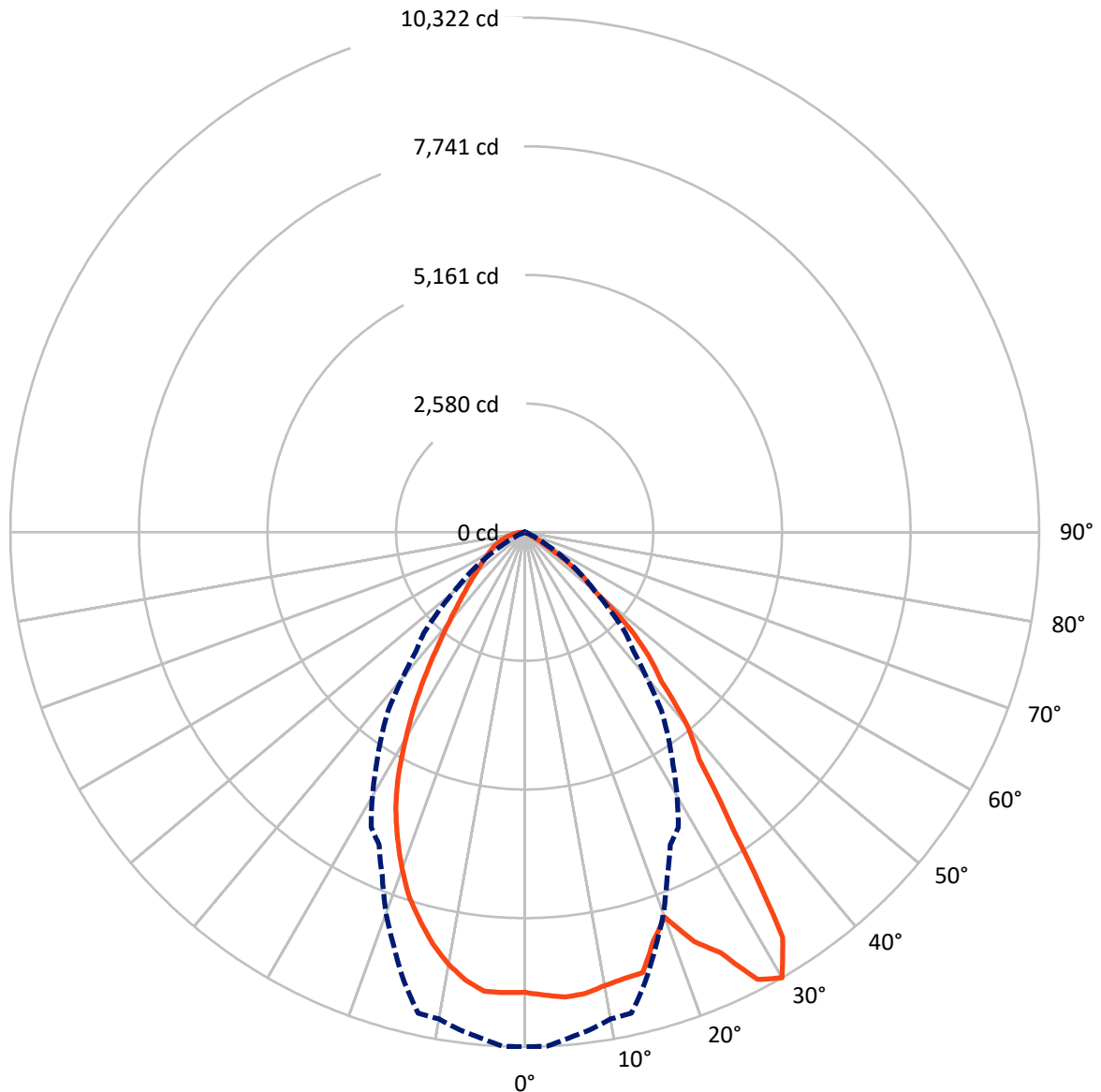
Lumen Table



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Luminous Intensity Polar Plot

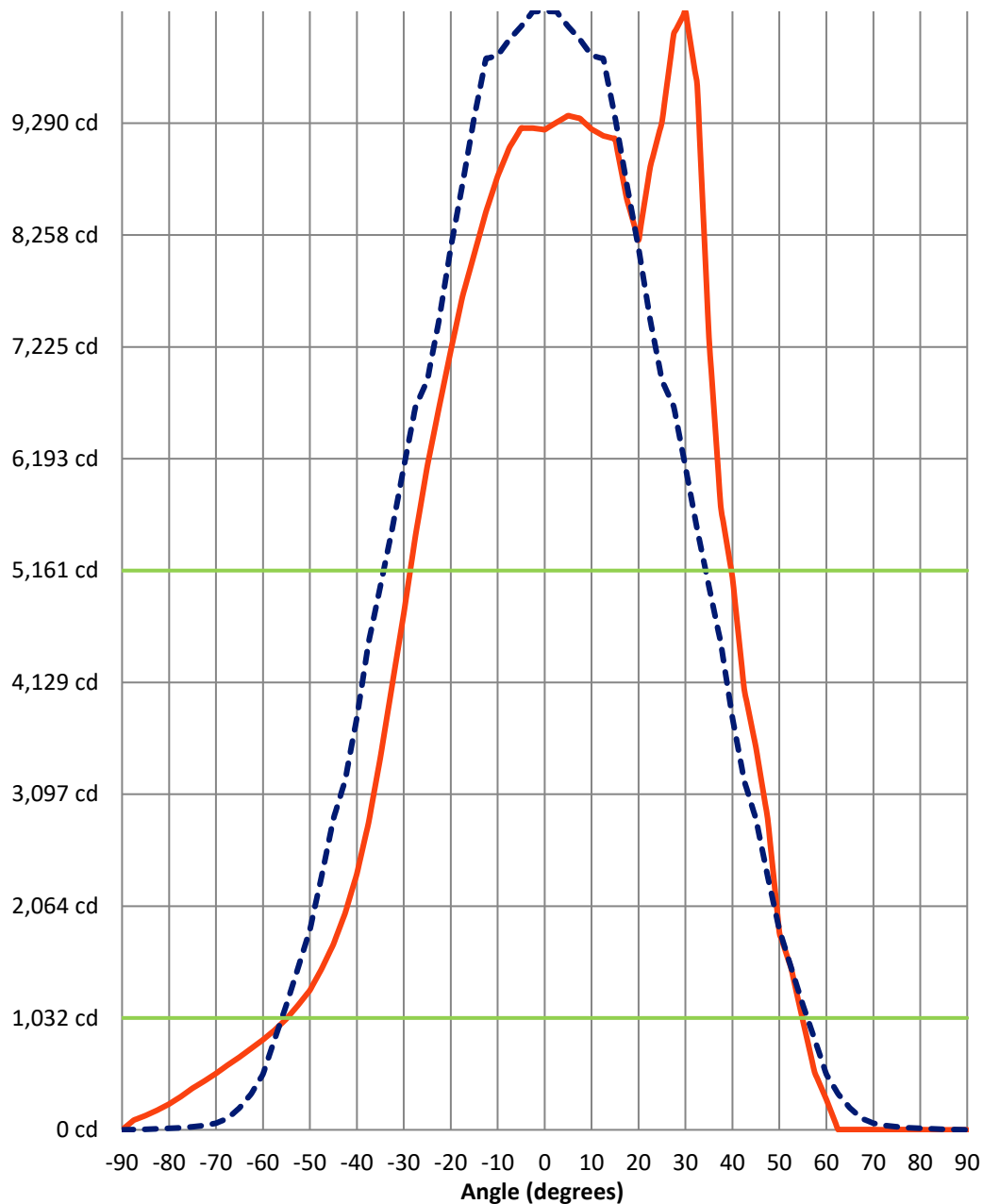


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 9432.5

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 13939.3

Efficiency: 94.3%

Spill:

Lumens: 846.1

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	2.4	2.4	2.4	2.4	2.4	2.4	2.4
85°	0.0	2.4	2.4	2.4	4.7	4.7	4.7	4.7	4.7	4.7	7.1
82.5°	0.0	2.4	2.4	2.4	4.7	4.7	4.7	4.7	7.1	7.1	9.4
80°	2.4	2.4	2.4	2.4	4.7	4.7	4.7	7.1	7.1	9.4	9.4
77.5°	2.4	2.4	2.4	4.7	4.7	4.7	7.1	7.1	9.4	9.4	11.8
75°	2.4	2.4	2.4	4.7	4.7	7.1	7.1	7.1	9.4	9.4	11.8
72.5°	0.0	2.4	2.4	4.7	4.7	7.1	7.1	7.1	9.4	9.4	9.4
70°	2.4	2.4	2.4	4.7	4.7	7.1	7.1	7.1	9.4	9.4	9.4
67.5°	2.4	2.4	2.4	4.7	4.7	7.1	7.1	9.4	9.4	9.4	11.8
65°	2.4	2.4	2.4	4.7	7.1	7.1	9.4	11.8	11.8	14.1	16.5
62.5°	2.4	4.7	4.7	7.1	9.4	11.8	25.9	40.0	40.0	28.2	23.5
60°	280.1	303.7	301.3	273.1	237.7	200.1	193.0	186.0	171.8	150.6	157.7
57.5°	532.0	560.2	572.0	564.9	546.1	513.2	494.3	473.1	444.9	411.9	374.3
55°	1007.5	1019.2	993.3	943.9	889.8	835.6	816.8	788.6	746.2	703.8	647.3
52.5°	1490.0	1530.0	1518.3	1468.8	1395.9	1299.4	1193.4	1111.0	1061.6	1014.5	958.0
50°	1819.6	1836.0	1869.0	1927.8	1949.0	1883.1	1711.3	1490.0	1332.3	1412.3	1351.1
47.5°	2871.8	2954.1	2937.7	2895.3	2824.7	2645.8	2405.7	2208.0	2043.2	1989.0	1998.5
45°	3528.5	3561.5	3549.7	3530.9	3497.9	3330.8	3064.8	2761.1	2608.1	2546.9	2483.4
42.5°	4067.5	4102.9	4109.9	4112.3	4077.0	3924.0	3683.9	3380.2	3227.2	3050.7	2911.8
40°	5096.2	5148.0	5089.1	5011.5	4893.8	4719.6	4484.2	4204.1	3933.4	3716.8	3552.0
37.5°	5752.9	5816.5	5840.0	5835.3	5809.4	5734.1	5444.6	5178.6	4764.3	4279.4	4366.5
35°	7311.2	7377.1	7358.3	7287.7	7250.0	7170.0	6887.5	6572.1	6051.9	5524.6	5383.4
32.5°	9634.5	9778.1	9509.8	9215.5	9034.3	9097.8	8810.7	8038.6	7798.5	6847.5	6407.3
30°	10321.9	10319.5	10183.0	10062.9	9914.6	9884.0	9342.6	8725.9	8137.4	7471.3	6915.8
27.5°	10112.4	10070.0	9954.7	9867.6	9728.7	9655.7	9126.1	8636.5	7956.2	7360.7	6824.0
25°	9305.0	9337.9	9220.2	9203.8	9149.6	9008.4	8744.7	8193.9	7586.6	6927.5	6541.5
22.5°	8888.3	8876.6	8735.3	8652.9	8718.9	8568.2	8462.3	7906.8	7273.6	6718.0	6254.3
20°	8210.4	8212.8	8177.5	8170.4	8130.4	8062.1	7977.4	7584.3	7137.0	6661.5	6103.7
17.5°	8589.4	8685.9	8728.3	8377.5	8476.4	8398.7	8309.3	7760.8	7424.2	7002.9	6275.5
15°	9144.9	9109.6	9067.2	9048.4	8994.3	8921.3	8758.9	8321.0	7742.0	7306.5	6739.2
12.5°	9173.2	9104.9	9088.4	9086.1	9029.6	8928.4	8770.6	8408.1	7895.0	7365.4	6904.0
10°	9234.4	9163.7	9154.3	9166.1	9079.0	9015.4	8857.7	8521.1	7942.1	7466.6	7031.1
7.5°	9333.2	9215.5	9269.7	9234.4	9194.3	9093.1	8923.6	8594.1	8113.9	7600.8	7144.1
5°	9359.1	9229.7	9288.5	9255.5	9196.7	9097.8	8914.2	8641.2	8219.8	7654.9	7188.8
2.5°	9295.6	9257.9	9232.0	9170.8	9144.9	9036.6	8862.4	8570.6	8170.4	7631.4	7179.4
0°	9229.7	9262.6	9203.8	9142.6	9130.8	9043.7	8895.4	8631.8	8285.7	7697.3	7259.4
-2.5°	9243.8	9217.9	9177.9	9114.3	9053.1	8928.4	8794.2	8547.0	8175.1	7553.7	7146.4
-5°	9243.8	9123.7	9128.4	9130.8	9069.6	8940.1	8777.7	8568.2	8109.2	7551.3	7113.5
-7.5°	9064.9	8961.3	8944.8	8930.7	8914.2	8794.2	8667.1	8405.8	7998.6	7490.1	7021.7
-10°	8801.2	8700.0	8709.4	8688.3	8636.5	8556.4	8459.9	8224.5	7890.3	7297.1	6835.7
-12.5°	8471.7	8427.0	8401.1	8365.8	8314.0	8243.4	8144.5	7923.2	7565.4	7059.4	6621.5
-15°	8080.9	8048.0	8024.5	8003.3	7927.9	7855.0	7725.5	7520.7	7297.1	6753.3	6306.1
-17.5°	7690.2	7607.8	7574.9	7546.6	7497.2	7379.5	7261.8	7108.8	6795.7	6365.0	5981.3
-20°	7188.8	7139.4	7099.4	7061.7	6991.1	6899.3	6802.8	6626.2	6355.5	6007.2	5609.4

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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°	6663.9	6635.7	6602.7	6555.6	6508.5	6421.4	6287.3	6117.8	5905.9	5529.3	5157.4
-25°	6122.5	6068.4	6028.3	5983.6	5946.0	5865.9	5736.5	5574.0	5308.1	4983.2	4672.5
-27.5°	5484.6	5432.8	5411.6	5359.8	5326.9	5253.9	5124.4	4973.8	4733.7	4460.6	4145.2
-30°	4764.3	4773.7	4750.2	4700.7	4660.7	4566.6	4467.7	4340.6	4152.3	3891.0	3608.5
-32.5°	4098.1	4109.9	4081.7	4029.9	3978.1	3909.8	3818.0	3702.7	3561.5	3311.9	3067.1
-35°	3432.0	3427.3	3403.7	3373.1	3337.8	3281.3	3177.8	3090.7	2928.3	2754.1	2584.6
-37.5°	2834.1	2845.9	2838.8	2822.3	2782.3	2735.2	2650.5	2570.5	2450.4	2297.4	2165.6
-40°	2361.0	2375.1	2365.7	2349.2	2313.9	2285.6	2229.1	2158.5	2062.0	1930.2	1819.6
-42.5°	1998.5	2007.9	1996.1	1982.0	1951.4	1930.2	1885.5	1826.6	1746.6	1645.4	1546.5
-45°	1711.3	1713.6	1701.9	1692.5	1668.9	1643.0	1605.4	1558.3	1494.7	1424.1	1344.1
-47.5°	1485.3	1483.0	1471.2	1461.8	1442.9	1419.4	1388.8	1346.4	1297.0	1242.9	1179.3
-50°	1287.6	1299.4	1294.6	1285.2	1271.1	1254.6	1224.0	1179.3	1129.9	1089.9	1045.1
-52.5°	1151.1	1153.4	1151.1	1151.1	1148.7	1136.9	1101.6	1056.9	1002.8	967.5	929.8
-55°	1023.9	1035.7	1040.4	1045.1	1047.5	1047.5	1005.1	958.0	906.3	870.9	842.7
-57.5°	920.4	927.4	932.1	943.9	953.3	960.4	922.7	880.4	840.3	807.4	781.5
-60°	830.9	840.3	847.4	859.2	866.2	870.9	847.4	819.2	795.6	774.4	736.8
-62.5°	750.9	758.0	765.0	772.1	779.1	783.8	774.4	760.3	748.5	739.1	692.0
-65°	670.9	677.9	685.0	694.4	701.5	706.2	703.8	694.4	685.0	675.6	633.2
-67.5°	597.9	605.0	614.4	616.7	621.4	623.8	619.1	612.0	600.2	588.5	555.5
-70°	520.2	524.9	529.6	529.6	529.6	527.3	522.6	513.2	501.4	484.9	459.0
-72.5°	449.6	454.3	459.0	451.9	447.2	440.2	433.1	421.3	409.6	397.8	383.7
-75°	383.7	386.0	386.0	376.6	369.6	362.5	353.1	346.0	334.3	324.8	313.1
-77.5°	306.0	306.0	306.0	298.9	294.2	289.5	282.5	275.4	266.0	258.9	249.5
-80°	237.7	237.7	237.7	235.4	228.3	223.6	218.9	214.2	207.1	202.4	197.7
-82.5°	181.3	181.3	181.3	178.9	174.2	171.8	167.1	162.4	160.1	155.4	153.0
-85°	131.8	134.2	134.2	131.8	129.5	124.8	122.4	120.0	117.7	115.3	110.6
-87.5°	89.4	89.4	89.4	87.1	84.7	84.7	82.4	77.7	73.0	70.6	68.3
-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°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
85°	7.1	7.1	7.1	9.4	9.4	9.4	9.4	9.4	9.4	9.4	7.1
82.5°	11.8	11.8	14.1	14.1	16.5	16.5	16.5	16.5	16.5	16.5	16.5
80°	11.8	14.1	16.5	18.8	21.2	23.5	23.5	23.5	23.5	21.2	21.2
77.5°	14.1	14.1	16.5	18.8	21.2	23.5	25.9	28.2	25.9	25.9	25.9
75°	14.1	16.5	16.5	18.8	21.2	23.5	25.9	28.2	28.2	28.2	28.2
72.5°	11.8	14.1	16.5	18.8	18.8	21.2	23.5	23.5	25.9	25.9	28.2
70°	11.8	14.1	16.5	16.5	18.8	18.8	21.2	23.5	23.5	25.9	25.9
67.5°	14.1	16.5	16.5	18.8	21.2	21.2	21.2	23.5	23.5	25.9	25.9
65°	16.5	18.8	18.8	21.2	23.5	23.5	25.9	25.9	25.9	28.2	28.2
62.5°	28.2	28.2	28.2	25.9	28.2	28.2	28.2	30.6	30.6	28.2	30.6
60°	145.9	105.9	73.0	91.8	82.4	37.7	37.7	37.7	35.3	35.3	33.0
57.5°	343.7	320.1	275.4	233.0	209.5	186.0	115.3	47.1	47.1	42.4	37.7
55°	574.4	496.7	463.7	407.2	346.0	317.8	263.6	178.9	84.7	56.5	49.4
52.5°	889.8	816.8	732.1	616.7	534.3	468.4	423.7	336.6	226.0	120.0	75.3
50°	1191.1	1158.1	1106.3	993.3	821.5	710.9	637.9	539.0	404.9	247.2	141.2
47.5°	1918.4	1643.0	1475.9	1388.8	1245.2	1035.7	894.5	783.8	621.4	416.6	249.5
45°	2415.1	2240.9	1974.9	1791.3	1579.5	1358.2	1174.6	1047.5	854.5	623.8	390.7
42.5°	2841.2	2690.5	2450.4	2182.1	1958.4	1668.9	1433.5	1266.4	1104.0	852.1	583.8
40°	3389.6	3210.7	2980.0	2718.8	2457.5	2087.9	1706.6	1504.1	1325.2	1101.6	788.6
37.5°	4293.5	3978.1	3601.5	3311.9	2970.6	2657.6	2135.0	1777.2	1565.3	1332.3	1028.7
35°	5381.0	5035.0	4406.5	4022.8	3566.2	3100.1	2629.3	2099.7	1798.4	1551.2	1249.9
32.5°	6393.2	5887.1	5082.1	4632.5	4328.8	3469.7	2982.4	2523.4	2038.5	1734.8	1377.0
30°	6673.3	6115.4	5538.7	5013.8	4496.0	3801.6	3224.8	2867.1	2339.8	1845.5	1497.1
27.5°	6390.8	6007.2	5559.9	5072.7	4512.4	3916.9	3373.1	3031.8	2561.0	1920.8	1591.2
25°	6103.7	5703.5	5390.4	4983.2	4465.4	3909.8	3377.9	3135.4	2732.9	2066.7	1643.0
22.5°	5800.0	5550.5	5291.6	4837.3	4347.7	3931.0	3530.9	3224.8	2822.3	2231.5	1664.2
20°	5816.5	5654.1	5369.3	4761.9	4326.5	4055.8	3714.5	3337.8	2918.8	2375.1	1680.7
17.5°	6080.1	5868.3	5510.5	4983.2	4517.1	4182.9	3867.5	3493.2	3017.7	2502.2	1880.8
15°	6405.0	6082.5	5708.2	5244.5	4717.2	4321.8	3985.2	3601.5	3130.7	2619.9	2059.7
12.5°	6640.4	6181.3	5830.6	5411.6	4933.8	4472.4	4062.8	3683.9	3236.6	2716.4	2193.8
10°	6720.4	6303.8	5889.5	5515.2	5044.4	4552.4	4121.7	3735.6	3328.4	2791.7	2292.7
7.5°	6762.8	6409.7	5929.5	5562.3	5110.3	4601.9	4168.8	3763.9	3401.4	2843.5	2356.3
5°	6758.1	6466.2	5960.1	5576.4	5145.6	4623.1	4201.7	3771.0	3453.2	2888.2	2393.9
2.5°	6736.9	6503.8	6009.5	5599.9	5216.2	4663.1	4265.3	3785.1	3472.0	2937.7	2419.8
0°	6814.5	6506.2	6061.3	5607.0	5263.3	4677.2	4293.5	3773.3	3446.1	2951.8	2417.5
-2.5°	6647.4	6367.3	6049.5	5545.8	5199.8	4644.3	4241.7	3735.6	3389.6	2935.3	2408.0
-5°	6619.2	6266.1	5950.7	5489.3	5093.8	4576.0	4145.2	3665.0	3300.2	2881.2	2370.4
-7.5°	6543.9	6169.6	5854.2	5444.6	4995.0	4505.4	4053.4	3592.1	3203.7	2796.4	2316.2
-10°	6379.1	6021.3	5750.6	5348.1	4874.9	4404.2	3942.8	3495.5	3090.7	2681.1	2231.5
-12.5°	6143.7	5785.9	5517.5	5143.3	4724.3	4267.6	3811.0	3370.8	2961.2	2558.7	2130.3
-15°	5877.7	5515.2	5246.8	4905.5	4500.7	4055.8	3643.8	3213.1	2812.9	2429.2	2010.2
-17.5°	5576.4	5232.7	4973.8	4641.9	4239.4	3815.7	3406.1	3015.3	2641.1	2295.1	1871.4
-20°	5228.0	4893.8	4656.0	4324.1	3954.6	3542.6	3144.8	2775.3	2438.6	2113.8	1718.3

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CATALOG NUMBER: IFLD-M-SA4B-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°	4797.3	4503.0	4232.3	3935.7	3613.2	3236.6	2867.1	2539.9	2217.4	1899.6	1560.6
-25°	4357.1	4072.3	3808.6	3537.9	3229.6	2904.7	2589.3	2292.7	1977.3	1690.1	1407.6
-27.5°	3867.5	3613.2	3377.9	3128.3	2845.9	2565.8	2306.8	2017.3	1744.2	1499.4	1257.0
-30°	3344.9	3137.8	2933.0	2711.7	2483.4	2248.0	2017.3	1744.2	1530.0	1334.7	1129.9
-32.5°	2843.5	2657.6	2492.8	2328.0	2130.3	1937.3	1732.5	1530.0	1351.1	1179.3	1007.5
-35°	2403.3	2205.6	2113.8	1982.0	1824.3	1650.1	1483.0	1341.7	1198.1	1042.8	889.8
-37.5°	2022.0	1894.9	1786.6	1687.7	1563.0	1412.3	1292.3	1177.0	1056.9	915.7	783.8
-40°	1723.1	1631.3	1523.0	1450.0	1348.8	1240.5	1120.5	1023.9	922.7	807.4	699.1
-42.5°	1483.0	1407.6	1337.0	1259.3	1184.0	1092.2	988.6	896.8	805.0	720.3	630.8
-45°	1285.2	1231.1	1174.6	1111.0	1045.1	965.1	880.4	786.2	720.3	645.0	569.6
-47.5°	1122.8	1082.8	1035.7	986.3	929.8	859.2	781.5	713.2	645.0	581.4	508.4
-50°	993.3	955.7	918.0	875.7	826.2	765.0	706.2	642.6	579.1	517.9	449.6
-52.5°	885.1	852.1	821.5	786.2	739.1	687.3	633.2	576.7	517.9	456.7	402.5
-55°	809.7	772.1	741.5	706.2	663.8	614.4	564.9	513.2	456.7	409.6	364.9
-57.5°	748.5	706.2	670.9	633.2	590.8	548.5	503.7	456.7	414.3	369.6	327.2
-60°	696.8	647.3	607.3	569.6	529.6	489.6	451.9	411.9	371.9	331.9	289.5
-62.5°	642.6	590.8	541.4	506.1	475.5	440.2	407.2	369.6	334.3	294.2	263.6
-65°	581.4	532.0	484.9	454.3	426.1	395.5	364.9	331.9	301.3	270.7	242.5
-67.5°	513.2	470.8	437.8	409.6	381.3	355.4	327.2	298.9	273.1	242.5	214.2
-70°	430.8	407.2	388.4	367.2	341.3	317.8	291.9	266.0	237.7	211.9	186.0
-72.5°	367.2	353.1	339.0	317.8	294.2	273.1	251.9	228.3	204.8	181.3	160.1
-75°	301.3	289.5	277.8	263.6	244.8	228.3	209.5	188.3	169.5	153.0	136.5
-77.5°	242.5	233.0	226.0	214.2	200.1	186.0	174.2	160.1	145.9	129.5	113.0
-80°	193.0	188.3	186.0	181.3	169.5	157.7	148.3	136.5	122.4	110.6	98.9
-82.5°	150.6	150.6	148.3	145.9	136.5	127.1	120.0	110.6	101.2	91.8	80.0
-85°	110.6	108.3	108.3	105.9	98.9	94.2	87.1	82.4	75.3	65.9	61.2
-87.5°	65.9	63.6	61.2	58.8	54.1	51.8	47.1	44.7	40.0	35.3	33.0
-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-SA4B-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°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	0.0	0.0
85°	7.1	4.7	4.7	4.7	4.7	4.7	2.4	2.4	2.4	2.4	2.4
82.5°	14.1	14.1	11.8	11.8	9.4	7.1	4.7	4.7	4.7	2.4	2.4
80°	21.2	21.2	21.2	18.8	16.5	11.8	9.4	7.1	4.7	2.4	2.4
77.5°	25.9	23.5	23.5	21.2	21.2	18.8	14.1	11.8	7.1	4.7	2.4
75°	25.9	25.9	25.9	23.5	23.5	21.2	18.8	14.1	11.8	7.1	4.7
72.5°	28.2	25.9	25.9	25.9	23.5	21.2	18.8	16.5	14.1	9.4	4.7
70°	25.9	25.9	25.9	25.9	23.5	23.5	18.8	16.5	16.5	9.4	7.1
67.5°	25.9	25.9	25.9	23.5	23.5	21.2	18.8	16.5	16.5	11.8	7.1
65°	28.2	25.9	25.9	25.9	23.5	21.2	18.8	16.5	16.5	14.1	9.4
62.5°	30.6	28.2	28.2	25.9	23.5	21.2	18.8	16.5	16.5	14.1	9.4
60°	33.0	30.6	28.2	28.2	25.9	23.5	18.8	18.8	16.5	14.1	9.4
57.5°	35.3	33.0	33.0	30.6	28.2	25.9	21.2	18.8	16.5	14.1	11.8
55°	42.4	37.7	35.3	35.3	33.0	28.2	23.5	18.8	16.5	14.1	11.8
52.5°	56.5	44.7	40.0	40.0	37.7	33.0	25.9	21.2	16.5	14.1	11.8
50°	89.4	56.5	47.1	42.4	42.4	37.7	30.6	23.5	16.5	14.1	11.8
47.5°	141.2	94.2	56.5	49.4	47.1	44.7	35.3	23.5	18.8	14.1	11.8
45°	233.0	138.9	91.8	58.8	49.4	47.1	40.0	25.9	18.8	16.5	11.8
42.5°	320.1	216.6	141.2	70.6	58.8	51.8	42.4	28.2	21.2	16.5	11.8
40°	503.7	296.6	197.7	115.3	68.3	54.1	47.1	33.0	21.2	16.5	11.8
37.5°	682.6	393.1	266.0	169.5	77.7	61.2	49.4	35.3	23.5	16.5	14.1
35°	861.5	550.8	329.5	226.0	103.6	73.0	51.8	37.7	23.5	16.5	14.1
32.5°	1021.6	699.1	395.5	282.5	155.4	87.1	56.5	40.0	25.9	18.8	14.1
30°	1153.4	835.6	513.2	331.9	202.4	105.9	61.2	40.0	28.2	18.8	14.1
27.5°	1252.3	941.6	633.2	383.7	242.5	124.8	70.6	44.7	28.2	18.8	14.1
25°	1332.3	1023.9	739.1	437.8	277.8	155.4	84.7	47.1	30.6	21.2	14.1
22.5°	1395.9	1092.2	826.2	510.8	320.1	186.0	103.6	51.8	30.6	21.2	14.1
20°	1483.0	1160.5	885.1	588.5	364.9	214.2	120.0	56.5	30.6	21.2	16.5
17.5°	1558.3	1228.7	932.1	654.4	409.6	235.4	138.9	61.2	33.0	21.2	16.5
15°	1645.4	1294.6	974.5	706.2	451.9	254.2	155.4	65.9	33.0	23.5	16.5
12.5°	1739.5	1355.8	1005.1	748.5	496.7	270.7	169.5	75.3	35.3	23.5	16.5
10°	1836.0	1407.6	1031.0	779.1	529.6	287.2	178.9	84.7	37.7	23.5	16.5
7.5°	1932.6	1454.7	1064.0	793.3	543.8	306.0	183.6	94.2	37.7	25.9	16.5
5°	1998.5	1485.3	1111.0	802.7	550.8	327.2	190.7	105.9	40.0	25.9	16.5
2.5°	2055.0	1504.1	1160.5	809.7	553.2	339.0	188.3	113.0	42.4	25.9	16.5
0°	2080.9	1504.1	1193.4	805.0	546.1	350.7	188.3	120.0	42.4	25.9	16.5
-2.5°	2040.8	1546.5	1184.0	807.4	548.5	350.7	197.7	122.4	47.1	28.2	16.5
-5°	1977.3	1563.0	1155.8	795.6	543.8	350.7	209.5	124.8	49.4	28.2	18.8
-7.5°	1916.1	1570.1	1122.8	783.8	536.7	341.3	211.9	122.4	54.1	30.6	18.8
-10°	1836.0	1492.4	1080.4	762.7	522.6	334.3	216.6	122.4	56.5	30.6	18.8
-12.5°	1744.2	1398.2	1028.7	732.1	506.1	327.2	218.9	122.4	58.8	33.0	18.8
-15°	1638.3	1301.7	969.8	699.1	482.6	317.8	214.2	120.0	61.2	33.0	21.2
-17.5°	1518.3	1207.6	908.6	659.1	456.7	306.0	204.8	117.7	61.2	33.0	21.2
-20°	1381.7	1113.4	840.3	619.1	426.1	291.9	195.4	113.0	61.2	33.0	21.2



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CATALOG NUMBER: IFLD-M-SA4B-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°	1259.3	1026.3	769.7	574.4	393.1	275.4	183.6	108.3	61.2	35.3	21.2
-25°	1158.1	941.6	715.6	529.6	357.8	256.6	171.8	103.6	61.2	35.3	21.2
-27.5°	1052.2	849.8	659.1	487.3	334.3	240.1	160.1	98.9	58.8	35.3	21.2
-30°	943.9	760.3	600.2	440.2	310.7	223.6	150.6	91.8	58.8	35.3	21.2
-32.5°	845.1	687.3	546.1	393.1	284.8	207.1	141.2	89.4	56.5	35.3	21.2
-35°	748.5	621.4	489.6	355.4	256.6	190.7	131.8	87.1	56.5	35.3	21.2
-37.5°	668.5	560.2	437.8	329.5	240.1	176.5	122.4	82.4	54.1	35.3	21.2
-40°	602.6	503.7	388.4	301.3	226.0	162.4	113.0	80.0	54.1	35.3	21.2
-42.5°	541.4	449.6	357.8	277.8	211.9	153.0	105.9	77.7	51.8	35.3	21.2
-45°	487.3	402.5	327.2	256.6	195.4	141.2	101.2	73.0	49.4	35.3	23.5
-47.5°	433.1	369.6	298.9	237.7	178.9	127.1	96.5	70.6	47.1	33.0	23.5
-50°	390.7	334.3	275.4	216.6	162.4	122.4	91.8	65.9	47.1	33.0	23.5
-52.5°	353.1	301.3	249.5	195.4	148.3	115.3	87.1	61.2	44.7	33.0	23.5
-55°	317.8	270.7	223.6	174.2	138.9	108.3	80.0	56.5	44.7	33.0	23.5
-57.5°	282.5	242.5	197.7	157.7	127.1	101.2	75.3	56.5	44.7	33.0	23.5
-60°	254.2	216.6	178.9	145.9	117.7	91.8	68.3	54.1	42.4	33.0	23.5
-62.5°	230.7	195.4	162.4	131.8	108.3	82.4	65.9	54.1	42.4	33.0	21.2
-65°	207.1	176.5	145.9	120.0	96.5	77.7	63.6	51.8	42.4	33.0	21.2
-67.5°	183.6	155.4	131.8	105.9	89.4	75.3	61.2	51.8	40.0	30.6	21.2
-70°	160.1	136.5	115.3	98.9	84.7	70.6	58.8	49.4	40.0	28.2	18.8
-72.5°	141.2	120.0	103.6	91.8	80.0	68.3	56.5	47.1	37.7	25.9	16.5
-75°	120.0	105.9	94.2	82.4	73.0	63.6	54.1	42.4	33.0	23.5	16.5
-77.5°	101.2	91.8	82.4	75.3	65.9	56.5	47.1	37.7	30.6	21.2	14.1
-80°	87.1	80.0	73.0	65.9	58.8	49.4	42.4	33.0	25.9	18.8	11.8
-82.5°	70.6	65.9	58.8	54.1	49.4	42.4	35.3	28.2	18.8	14.1	9.4
-85°	54.1	49.4	47.1	42.4	37.7	30.6	23.5	18.8	14.1	9.4	4.7
-87.5°	28.2	25.9	23.5	21.2	18.8	14.1	11.8	9.4	7.1	4.7	2.4
-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-SA4B-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°	2.4	0.0	0.0	0.0
77.5°	2.4	0.0	0.0	0.0
75°	2.4	2.4	0.0	0.0
72.5°	2.4	2.4	0.0	0.0
70°	2.4	2.4	0.0	0.0
67.5°	4.7	2.4	0.0	0.0
65°	4.7	2.4	0.0	0.0
62.5°	4.7	2.4	0.0	0.0
60°	4.7	2.4	0.0	0.0
57.5°	7.1	2.4	2.4	0.0
55°	7.1	2.4	2.4	0.0
52.5°	7.1	2.4	2.4	0.0
50°	7.1	4.7	2.4	0.0
47.5°	7.1	4.7	2.4	0.0
45°	7.1	4.7	2.4	0.0
42.5°	7.1	4.7	2.4	0.0
40°	9.4	4.7	2.4	0.0
37.5°	9.4	4.7	2.4	0.0
35°	9.4	4.7	2.4	0.0
32.5°	9.4	4.7	2.4	0.0
30°	9.4	4.7	2.4	0.0
27.5°	9.4	7.1	2.4	0.0
25°	9.4	7.1	2.4	0.0
22.5°	11.8	7.1	2.4	0.0
20°	11.8	7.1	2.4	0.0
17.5°	11.8	7.1	2.4	0.0
15°	11.8	7.1	2.4	0.0
12.5°	11.8	7.1	2.4	0.0
10°	11.8	7.1	2.4	0.0
7.5°	11.8	7.1	2.4	0.0
5°	11.8	7.1	2.4	0.0
2.5°	11.8	7.1	2.4	0.0
0°	11.8	7.1	2.4	0.0
-2.5°	11.8	7.1	2.4	0.0
-5°	11.8	7.1	2.4	0.0
-7.5°	11.8	7.1	2.4	0.0
-10°	11.8	7.1	2.4	0.0
-12.5°	14.1	7.1	2.4	0.0
-15°	14.1	7.1	2.4	0.0
-17.5°	14.1	7.1	2.4	0.0
-20°	14.1	7.1	2.4	0.0

REPORT NUMBER: P722642

CATALOG NUMBER: IFLD-M-SA4B-927-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	14.1	7.1	2.4	0.0
-25°	14.1	7.1	2.4	0.0
-27.5°	14.1	7.1	2.4	0.0
-30°	14.1	7.1	2.4	0.0
-32.5°	14.1	7.1	2.4	0.0
-35°	14.1	7.1	2.4	0.0
-37.5°	14.1	7.1	2.4	0.0
-40°	14.1	7.1	2.4	0.0
-42.5°	11.8	7.1	2.4	0.0
-45°	14.1	7.1	2.4	0.0
-47.5°	14.1	7.1	2.4	0.0
-50°	14.1	7.1	2.4	0.0
-52.5°	14.1	7.1	2.4	0.0
-55°	14.1	7.1	2.4	0.0
-57.5°	14.1	7.1	2.4	0.0
-60°	14.1	7.1	2.4	0.0
-62.5°	11.8	7.1	2.4	0.0
-65°	11.8	4.7	2.4	0.0
-67.5°	11.8	4.7	2.4	0.0
-70°	11.8	4.7	2.4	0.0
-72.5°	9.4	4.7	2.4	0.0
-75°	9.4	4.7	2.4	0.0
-77.5°	7.1	2.4	0.0	0.0
-80°	7.1	2.4	0.0	0.0
-82.5°	4.7	2.4	0.0	0.0
-85°	2.4	2.4	0.0	0.0
-87.5°	2.4	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)