

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: P722483

Luminaire Tested: **IFLD-S-SA2C-740-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722483
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2C-740-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (32) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	14533.6 lumens	Max Intensity:	10146.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	134.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	9271.8 lumens	Field Lumens:	13701.9 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

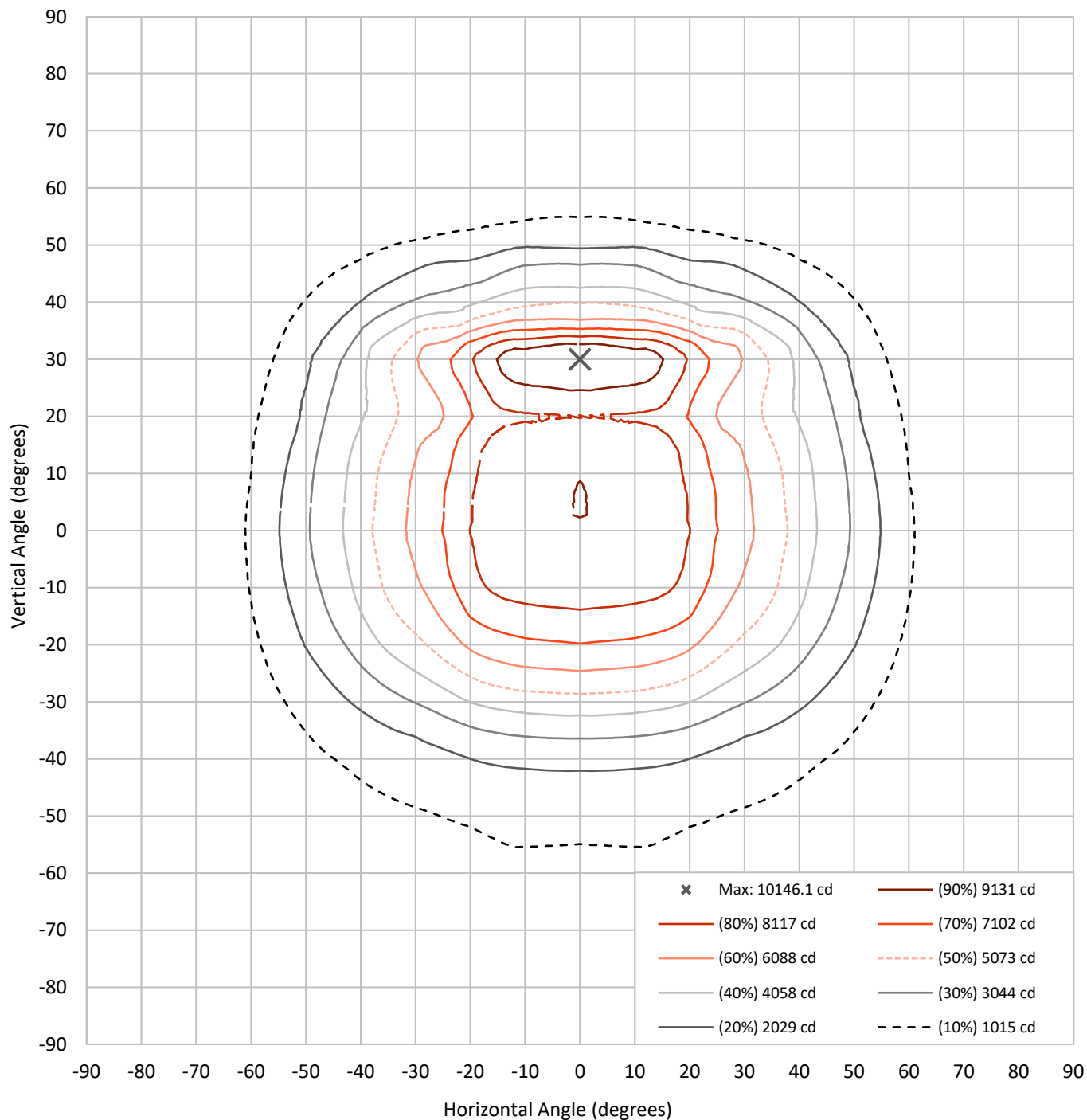
Input Watts (W): 108.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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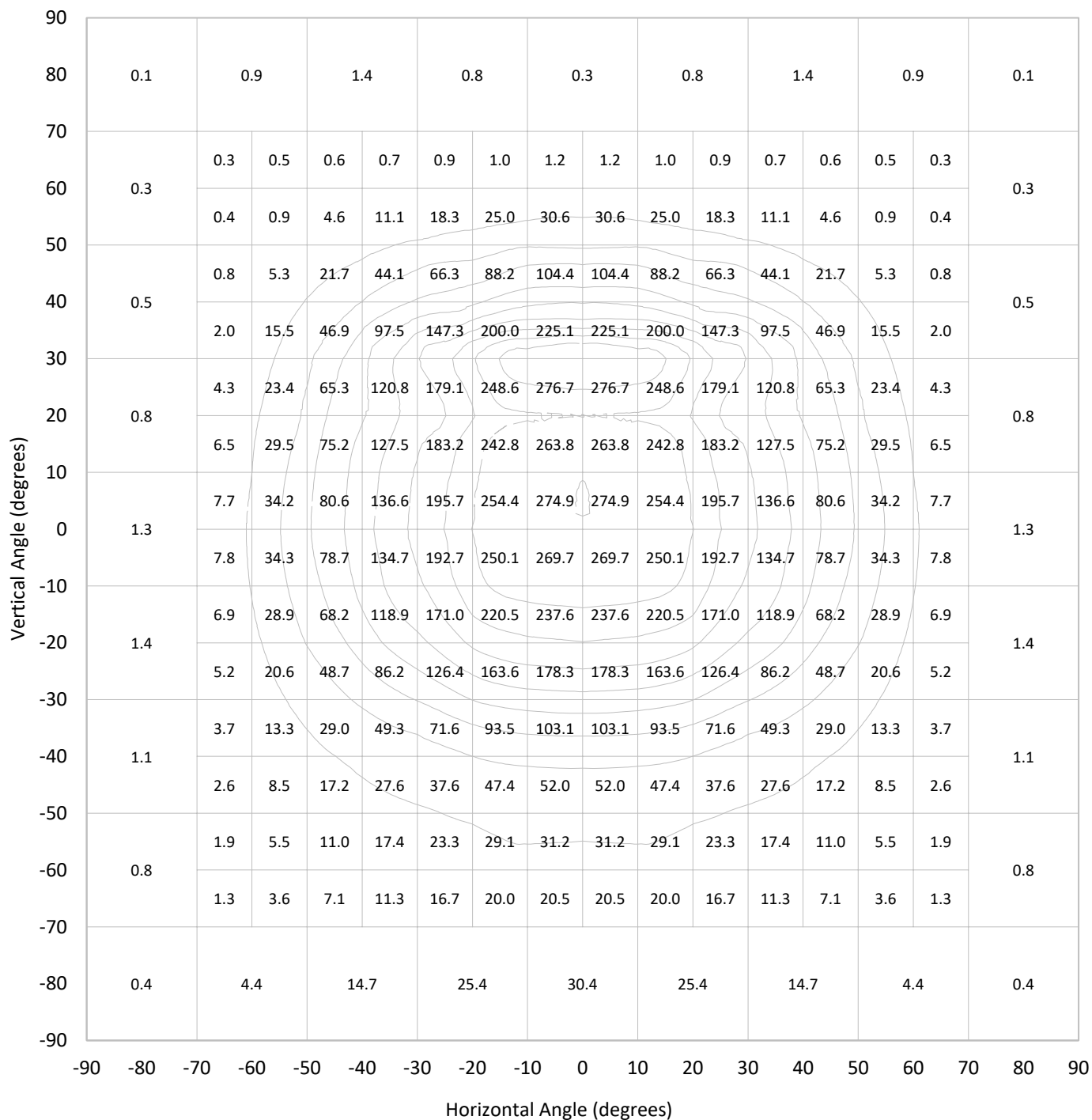
Iso-Candela Plot



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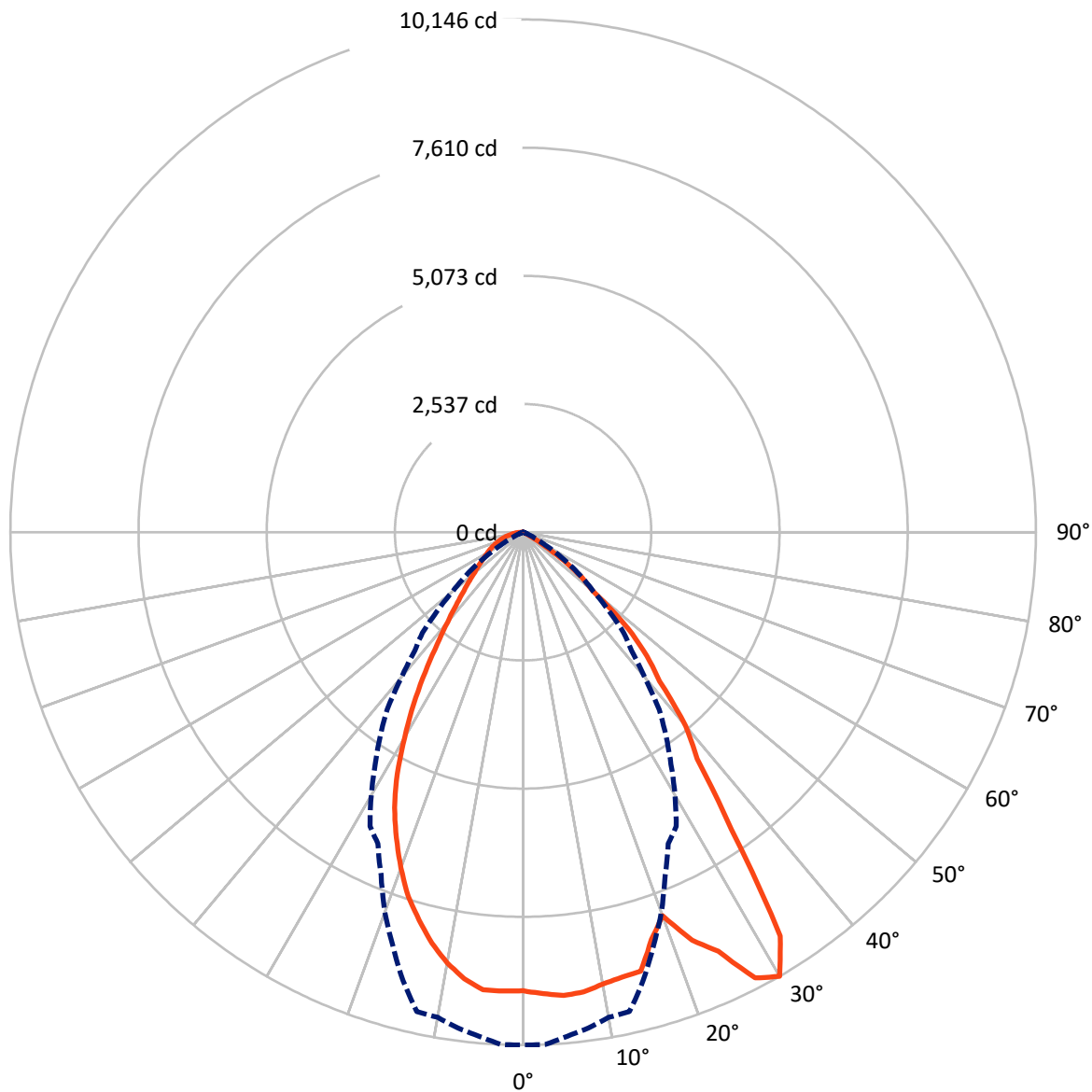
Lumen Table



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Luminous Intensity Polar Plot



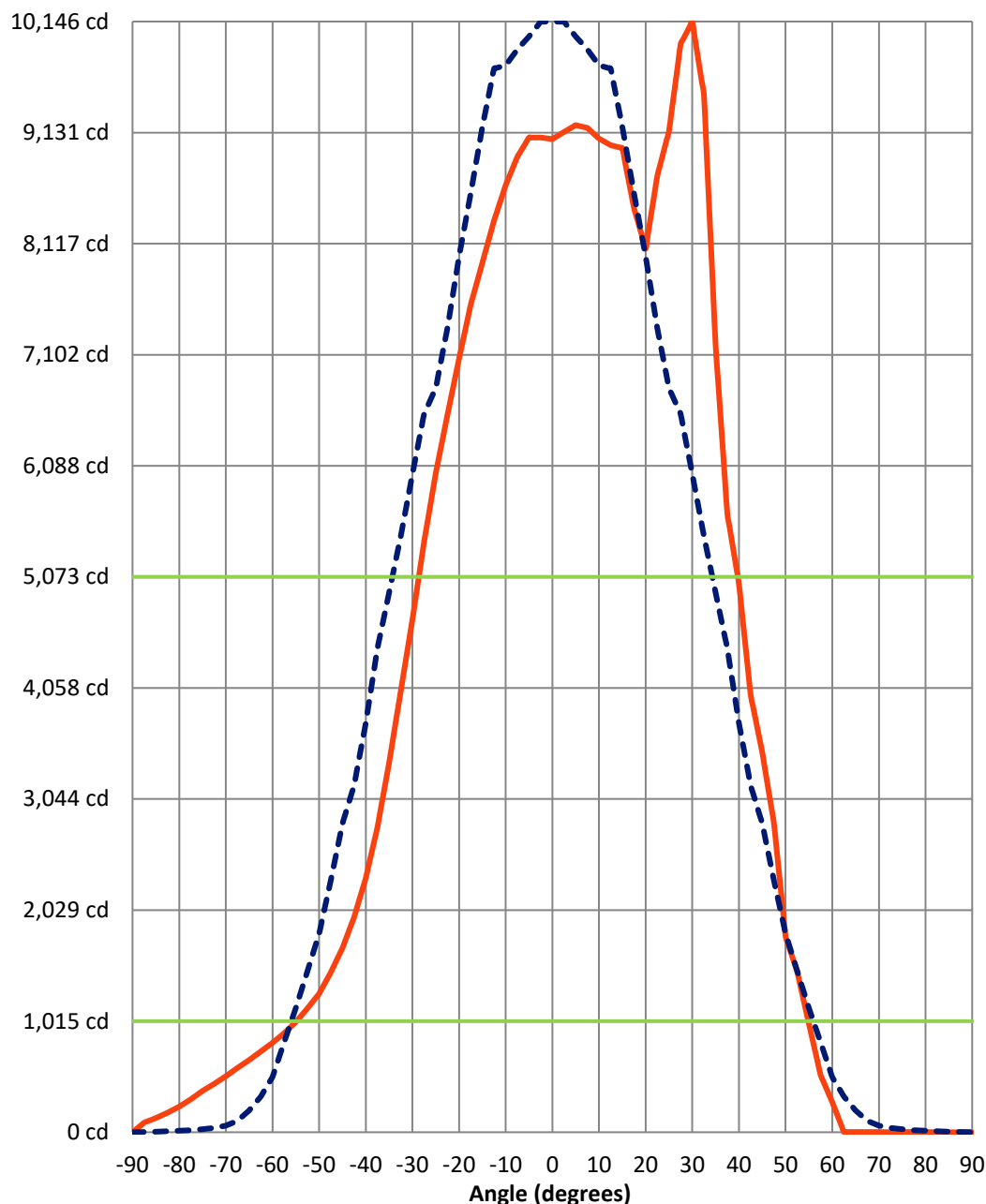
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 9271.8

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 13701.9

Efficiency: 94.3%

Spill:

Lumens: 831.7

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	2.3	2.3	2.3	2.3	2.3	2.3	2.3
85°	0.0	2.3	2.3	2.3	4.6	4.6	4.6	4.6	4.6	4.6	6.9
82.5°	0.0	2.3	2.3	2.3	4.6	4.6	4.6	4.6	6.9	6.9	9.3
80°	2.3	2.3	2.3	2.3	4.6	4.6	4.6	6.9	6.9	9.3	9.3
77.5°	2.3	2.3	2.3	4.6	4.6	4.6	6.9	6.9	9.3	9.3	11.6
75°	2.3	2.3	2.3	4.6	4.6	6.9	6.9	6.9	9.3	9.3	11.6
72.5°	0.0	2.3	2.3	4.6	4.6	6.9	6.9	6.9	9.3	9.3	9.3
70°	2.3	2.3	2.3	4.6	4.6	6.9	6.9	6.9	9.3	9.3	9.3
67.5°	2.3	2.3	2.3	4.6	4.6	6.9	6.9	9.3	9.3	9.3	11.6
65°	2.3	2.3	2.3	4.6	6.9	6.9	9.3	11.6	11.6	13.9	16.2
62.5°	2.3	4.6	4.6	6.9	9.3	11.6	25.5	39.3	39.3	27.8	23.1
60°	275.3	298.5	296.2	268.4	233.7	196.7	189.7	182.8	168.9	148.1	155.0
57.5°	522.9	550.7	562.3	555.3	536.8	504.4	485.9	465.1	437.3	404.9	367.9
55°	990.3	1001.9	976.4	927.8	874.6	821.4	802.9	775.1	733.5	691.8	636.3
52.5°	1464.6	1504.0	1492.4	1443.8	1372.1	1277.2	1173.1	1092.1	1043.5	997.3	941.7
50°	1788.6	1804.8	1837.2	1895.0	1915.8	1851.1	1682.1	1464.6	1309.6	1388.3	1328.1
47.5°	2822.9	2903.8	2887.6	2846.0	2776.6	2600.7	2364.7	2170.4	2008.4	1955.2	1964.4
45°	3468.4	3500.8	3489.2	3470.7	3438.3	3274.0	3012.6	2714.1	2563.7	2503.5	2441.1
42.5°	3998.3	4033.0	4039.9	4042.2	4007.5	3857.1	3621.1	3322.6	3172.2	2998.7	2862.2
40°	5009.4	5060.3	5002.5	4926.1	4810.4	4639.2	4407.8	4132.5	3866.4	3653.5	3491.5
37.5°	5655.0	5717.4	5740.6	5735.9	5710.5	5636.5	5351.9	5090.4	4683.2	4206.5	4292.1
35°	7186.7	7251.5	7233.0	7163.6	7126.6	7047.9	6770.2	6460.2	5948.8	5430.5	5291.7
32.5°	9470.4	9611.6	9347.8	9058.6	8880.4	8942.9	8660.6	7901.7	7665.7	6730.9	6298.2
30°	10146.1	10143.8	10009.6	9891.6	9745.8	9715.7	9183.5	8577.3	7998.9	7344.1	6798.0
27.5°	9940.2	9898.5	9785.1	9699.5	9563.0	9491.3	8970.7	8489.4	7820.7	7235.3	6707.8
25°	9146.5	9178.9	9063.2	9047.0	8993.8	8855.0	8595.8	8054.4	7457.4	6809.6	6430.1
22.5°	8737.0	8725.4	8586.6	8505.6	8570.4	8422.3	8318.2	7772.1	7149.7	6603.6	6147.8
20°	8070.6	8072.9	8038.2	8031.3	7991.9	7924.8	7841.5	7455.1	7015.5	6548.1	5999.7
17.5°	8443.1	8538.0	8579.6	8234.9	8332.0	8255.7	8167.8	7628.6	7297.8	6883.6	6168.6
15°	8989.2	8954.5	8912.8	8894.3	8841.1	8769.4	8609.7	8179.3	7610.1	7182.1	6624.5
12.5°	9016.9	8949.8	8933.6	8931.3	8875.8	8776.3	8621.3	8264.9	7760.5	7239.9	6786.4
10°	9077.1	9007.7	8998.4	9010.0	8924.4	8861.9	8706.9	8376.0	7806.8	7339.4	6911.4
7.5°	9174.3	9058.6	9111.8	9077.1	9037.8	8938.3	8771.7	8447.7	7975.7	7471.3	7022.4
5°	9199.7	9072.5	9130.3	9097.9	9040.1	8942.9	8762.4	8494.0	8079.8	7524.5	7066.4
2.5°	9137.3	9100.2	9074.8	9014.6	8989.2	8882.7	8711.5	8424.6	8031.3	7501.4	7057.1
0°	9072.5	9104.9	9047.0	8986.9	8975.3	8889.7	8743.9	8484.8	8144.6	7566.2	7135.8
-2.5°	9086.4	9060.9	9021.6	8959.1	8898.9	8776.3	8644.4	8401.5	8035.9	7425.0	7024.7
-5°	9086.4	8968.3	8973.0	8975.3	8915.1	8787.9	8628.2	8422.3	7971.1	7422.7	6992.4
-7.5°	8910.5	8808.7	8792.5	8778.6	8762.4	8644.4	8519.5	8262.6	7862.3	7362.6	6902.1
-10°	8651.4	8551.9	8561.1	8540.3	8489.4	8410.7	8315.9	8084.5	7755.9	7172.8	6719.3
-12.5°	8327.4	8283.5	8258.0	8223.3	8172.4	8103.0	8005.8	7788.3	7436.6	6939.1	6508.8
-15°	7943.3	7910.9	7887.8	7867.0	7792.9	7721.2	7593.9	7392.6	7172.8	6638.3	6198.7
-17.5°	7559.2	7478.3	7445.9	7418.1	7369.5	7253.8	7138.1	6987.7	6680.0	6256.6	5879.4
-20°	7066.4	7017.8	6978.5	6941.4	6872.0	6781.8	6686.9	6513.4	6247.3	5904.9	5513.8

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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°	6550.4	6522.6	6490.3	6444.0	6397.7	6312.1	6180.2	6013.6	5805.4	5435.2	5069.6
-25°	6018.2	5965.0	5925.7	5881.7	5844.7	5766.0	5638.8	5479.1	5217.7	4898.3	4592.9
-27.5°	5391.2	5340.3	5319.5	5268.6	5236.2	5164.4	5037.2	4889.1	4653.1	4384.7	4074.6
-30°	4683.2	4692.4	4669.3	4620.7	4581.4	4488.8	4391.6	4266.7	4081.6	3824.7	3547.1
-32.5°	4028.4	4039.9	4012.2	3961.3	3910.3	3843.2	3753.0	3639.6	3500.8	3255.5	3014.9
-35°	3373.5	3368.9	3345.8	3315.7	3281.0	3225.5	3123.7	3038.0	2878.4	2707.2	2540.6
-37.5°	2785.8	2797.4	2790.5	2774.3	2734.9	2688.7	2605.4	2526.7	2408.7	2258.3	2128.7
-40°	2320.8	2334.6	2325.4	2309.2	2274.5	2246.7	2191.2	2121.8	2026.9	1897.3	1788.6
-42.5°	1964.4	1973.7	1962.1	1948.2	1918.2	1897.3	1853.4	1795.5	1716.9	1617.4	1520.2
-45°	1682.1	1684.5	1672.9	1663.6	1640.5	1615.0	1578.0	1531.7	1469.3	1399.9	1321.2
-47.5°	1460.0	1457.7	1446.1	1436.9	1418.4	1395.2	1365.2	1323.5	1274.9	1221.7	1159.2
-50°	1265.7	1277.2	1272.6	1263.3	1249.5	1233.3	1203.2	1159.2	1110.6	1071.3	1027.3
-52.5°	1131.5	1133.8	1131.5	1131.5	1129.1	1117.6	1082.9	1038.9	985.7	951.0	914.0
-55°	1006.5	1018.1	1022.7	1027.3	1029.6	1029.6	988.0	941.7	890.8	856.1	828.3
-57.5°	904.7	911.6	916.3	927.8	937.1	944.0	907.0	865.4	826.0	793.6	768.2
-60°	816.8	826.0	833.0	844.5	851.5	856.1	833.0	805.2	782.1	761.2	724.2
-62.5°	738.1	745.0	752.0	758.9	765.9	770.5	761.2	747.4	735.8	726.5	680.3
-65°	659.4	666.4	673.3	682.6	689.5	694.1	691.8	682.6	673.3	664.1	622.4
-67.5°	587.7	594.7	603.9	606.2	610.8	613.2	608.5	601.6	590.0	578.5	546.1
-70°	511.4	516.0	520.6	520.6	520.6	518.3	513.7	504.4	492.8	476.6	451.2
-72.5°	441.9	446.6	451.2	444.3	439.6	432.7	425.7	414.2	402.6	391.0	377.2
-75°	377.2	379.5	379.5	370.2	363.3	356.3	347.1	340.1	328.6	319.3	307.7
-77.5°	300.8	300.8	300.8	293.9	289.2	284.6	277.7	270.7	261.5	254.5	245.3
-80°	233.7	233.7	233.7	231.4	224.4	219.8	215.2	210.6	203.6	199.0	194.4
-82.5°	178.2	178.2	178.2	175.8	171.2	168.9	164.3	159.7	157.3	152.7	150.4
-85°	129.6	131.9	131.9	129.6	127.3	122.6	120.3	118.0	115.7	113.4	108.7
-87.5°	87.9	87.9	87.9	85.6	83.3	83.3	81.0	76.4	71.7	69.4	67.1
-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):

	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°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
85°	6.9	6.9	6.9	9.3	9.3	9.3	9.3	9.3	9.3	9.3	6.9
82.5°	11.6	11.6	13.9	13.9	16.2	16.2	16.2	16.2	16.2	16.2	16.2
80°	11.6	13.9	16.2	18.5	20.8	23.1	23.1	23.1	23.1	20.8	20.8
77.5°	13.9	13.9	16.2	18.5	20.8	23.1	25.5	27.8	25.5	25.5	25.5
75°	13.9	16.2	16.2	18.5	20.8	23.1	25.5	27.8	27.8	27.8	27.8
72.5°	11.6	13.9	16.2	18.5	18.5	20.8	23.1	23.1	25.5	25.5	27.8
70°	11.6	13.9	16.2	16.2	18.5	18.5	20.8	23.1	23.1	25.5	25.5
67.5°	13.9	16.2	16.2	18.5	20.8	20.8	20.8	23.1	23.1	25.5	25.5
65°	16.2	18.5	18.5	20.8	23.1	23.1	25.5	25.5	25.5	27.8	27.8
62.5°	27.8	27.8	27.8	25.5	27.8	27.8	27.8	30.1	30.1	27.8	30.1
60°	143.5	104.1	71.7	90.2	81.0	37.0	37.0	37.0	34.7	34.7	32.4
57.5°	337.8	314.7	270.7	229.1	205.9	182.8	113.4	46.3	46.3	41.6	37.0
55°	564.6	488.2	455.8	400.3	340.1	312.4	259.1	175.8	83.3	55.5	48.6
52.5°	874.6	802.9	719.6	606.2	525.2	460.4	416.5	330.9	222.1	118.0	74.0
50°	1170.8	1138.4	1087.5	976.4	807.5	698.8	627.0	529.9	398.0	243.0	138.8
47.5°	1885.8	1615.0	1450.8	1365.2	1224.0	1018.1	879.2	770.5	610.8	409.5	245.3
45°	2374.0	2202.8	1941.3	1760.8	1552.6	1335.1	1154.6	1029.6	839.9	613.2	384.1
42.5°	2792.8	2644.7	2408.7	2144.9	1925.1	1640.5	1409.1	1244.8	1085.2	837.6	573.8
40°	3331.9	3156.0	2929.3	2672.5	2415.6	2052.4	1677.5	1478.5	1302.7	1082.9	775.1
37.5°	4220.4	3910.3	3540.1	3255.5	2920.0	2612.3	2098.6	1746.9	1538.7	1309.6	1011.1
35°	5289.4	4949.3	4331.5	3954.3	3505.4	3047.3	2584.5	2063.9	1767.8	1524.8	1228.6
32.5°	6284.3	5786.9	4995.5	4553.6	4255.1	3410.6	2931.6	2480.4	2003.8	1705.3	1353.6
30°	6559.7	6011.3	5444.4	4928.4	4419.4	3736.8	3169.9	2818.2	2299.9	1814.0	1471.6
27.5°	6282.0	5904.9	5465.2	4986.3	4435.6	3850.2	3315.7	2980.2	2517.4	1888.1	1564.1
25°	5999.7	5606.4	5298.6	4898.3	4389.3	3843.2	3320.3	3082.0	2686.3	2031.5	1615.0
22.5°	5701.2	5456.0	5201.5	4754.9	4273.6	3864.1	3470.7	3169.9	2774.3	2193.5	1635.9
20°	5717.4	5557.8	5277.8	4680.8	4252.8	3986.7	3651.2	3281.0	2869.1	2334.6	1652.1
17.5°	5976.6	5768.3	5416.6	4898.3	4440.2	4111.7	3801.6	3433.7	2966.3	2459.6	1848.7
15°	6295.9	5978.9	5611.0	5155.2	4636.9	4248.2	3917.3	3540.1	3077.4	2575.3	2024.6
12.5°	6527.3	6076.1	5731.3	5319.5	4849.8	4396.2	3993.6	3621.1	3181.5	2670.1	2156.5
10°	6605.9	6196.4	5789.2	5421.3	4958.5	4474.9	4051.5	3672.0	3271.7	2744.2	2253.7
7.5°	6647.6	6300.5	5828.5	5467.5	5023.3	4523.5	4097.8	3699.8	3343.5	2795.1	2316.1
5°	6643.0	6356.1	5858.6	5481.4	5058.0	4544.3	4130.2	3706.7	3394.4	2839.1	2353.2
2.5°	6622.1	6393.1	5907.2	5504.6	5127.4	4583.7	4192.6	3720.6	3412.9	2887.6	2378.6
0°	6698.5	6395.4	5958.1	5511.5	5173.7	4597.6	4220.4	3709.0	3387.4	2901.5	2376.3
-2.5°	6534.2	6258.9	5946.5	5451.3	5111.2	4565.2	4169.5	3672.0	3331.9	2885.3	2367.0
-5°	6506.4	6159.4	5849.3	5395.8	5007.1	4498.1	4074.6	3602.6	3244.0	2832.1	2330.0
-7.5°	6432.4	6064.5	5754.5	5351.9	4909.9	4428.6	3984.4	3530.9	3149.1	2748.8	2276.8
-10°	6270.4	5918.7	5652.7	5257.0	4791.9	4329.1	3875.6	3436.0	3038.0	2635.4	2193.5
-12.5°	6039.1	5687.4	5423.6	5055.7	4643.8	4194.9	3746.1	3313.4	2910.8	2515.1	2094.0
-15°	5777.6	5421.3	5157.5	4822.0	4424.0	3986.7	3581.8	3158.4	2765.0	2387.9	1976.0
-17.5°	5481.4	5143.6	4889.1	4562.8	4167.2	3750.7	3348.1	2964.0	2596.1	2256.0	1839.5
-20°	5139.0	4810.4	4576.7	4250.5	3887.2	3482.3	3091.3	2728.0	2397.1	2077.8	1689.1

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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°	4715.6	4426.3	4160.2	3868.7	3551.7	3181.5	2818.2	2496.6	2179.6	1867.2	1534.1
-25°	4282.9	4002.9	3743.8	3477.7	3174.6	2855.2	2545.2	2253.7	1943.6	1661.3	1383.7
-27.5°	3801.6	3551.7	3320.3	3075.1	2797.4	2522.1	2267.5	1982.9	1714.5	1473.9	1235.6
-30°	3287.9	3084.3	2883.0	2665.5	2441.1	2209.7	1982.9	1714.5	1504.0	1311.9	1110.6
-32.5°	2795.1	2612.3	2450.3	2288.4	2094.0	1904.3	1703.0	1504.0	1328.1	1159.2	990.3
-35°	2362.4	2168.0	2077.8	1948.2	1793.2	1622.0	1457.7	1318.9	1177.7	1025.0	874.6
-37.5°	1987.6	1862.6	1756.2	1659.0	1536.4	1388.3	1270.3	1156.9	1038.9	900.1	770.5
-40°	1693.7	1603.5	1497.0	1425.3	1325.8	1219.4	1101.4	1006.5	907.0	793.6	687.2
-42.5°	1457.7	1383.7	1314.2	1237.9	1163.8	1073.6	971.8	881.6	791.3	708.0	620.1
-45°	1263.3	1210.1	1154.6	1092.1	1027.3	948.7	865.4	772.8	708.0	634.0	559.9
-47.5°	1103.7	1064.4	1018.1	969.5	914.0	844.5	768.2	701.1	634.0	571.5	499.8
-50°	976.4	939.4	902.4	860.7	812.1	752.0	694.1	631.7	569.2	509.0	441.9
-52.5°	870.0	837.6	807.5	772.8	726.5	675.6	622.4	566.9	509.0	448.9	395.7
-55°	796.0	758.9	728.9	694.1	652.5	603.9	555.3	504.4	448.9	402.6	358.6
-57.5°	735.8	694.1	659.4	622.4	580.8	539.1	495.2	448.9	407.2	363.3	321.6
-60°	684.9	636.3	597.0	559.9	520.6	481.3	444.3	404.9	365.6	326.2	284.6
-62.5°	631.7	580.8	532.2	497.5	467.4	432.7	400.3	363.3	328.6	289.2	259.1
-65°	571.5	522.9	476.6	446.6	418.8	388.7	358.6	326.2	296.2	266.1	238.3
-67.5°	504.4	462.8	430.4	402.6	374.8	349.4	321.6	293.9	268.4	238.3	210.6
-70°	423.4	400.3	381.8	361.0	335.5	312.4	286.9	261.5	233.7	208.2	182.8
-72.5°	361.0	347.1	333.2	312.4	289.2	268.4	247.6	224.4	201.3	178.2	157.3
-75°	296.2	284.6	273.0	259.1	240.6	224.4	205.9	185.1	166.6	150.4	134.2
-77.5°	238.3	229.1	222.1	210.6	196.7	182.8	171.2	157.3	143.5	127.3	111.1
-80°	189.7	185.1	182.8	178.2	166.6	155.0	145.8	134.2	120.3	108.7	97.2
-82.5°	148.1	148.1	145.8	143.5	134.2	124.9	118.0	108.7	99.5	90.2	78.7
-85°	108.7	106.4	106.4	104.1	97.2	92.6	85.6	81.0	74.0	64.8	60.2
-87.5°	64.8	62.5	60.2	57.8	53.2	50.9	46.3	44.0	39.3	34.7	32.4
-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-S-SA2C-740-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°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	0.0	0.0
85°	6.9	4.6	4.6	4.6	4.6	4.6	2.3	2.3	2.3	2.3	2.3
82.5°	13.9	13.9	11.6	11.6	9.3	6.9	4.6	4.6	4.6	2.3	2.3
80°	20.8	20.8	20.8	18.5	16.2	11.6	9.3	6.9	4.6	2.3	2.3
77.5°	25.5	23.1	23.1	20.8	20.8	18.5	13.9	11.6	6.9	4.6	2.3
75°	25.5	25.5	25.5	23.1	23.1	20.8	18.5	13.9	11.6	6.9	4.6
72.5°	27.8	25.5	25.5	25.5	23.1	20.8	18.5	16.2	13.9	9.3	4.6
70°	25.5	25.5	25.5	25.5	23.1	23.1	18.5	16.2	16.2	9.3	6.9
67.5°	25.5	25.5	25.5	23.1	23.1	20.8	18.5	16.2	16.2	11.6	6.9
65°	27.8	25.5	25.5	25.5	23.1	20.8	18.5	16.2	16.2	13.9	9.3
62.5°	30.1	27.8	27.8	25.5	23.1	20.8	18.5	16.2	16.2	13.9	9.3
60°	32.4	30.1	27.8	27.8	25.5	23.1	18.5	18.5	16.2	13.9	9.3
57.5°	34.7	32.4	32.4	30.1	27.8	25.5	20.8	18.5	16.2	13.9	11.6
55°	41.6	37.0	34.7	34.7	32.4	27.8	23.1	18.5	16.2	13.9	11.6
52.5°	55.5	44.0	39.3	39.3	37.0	32.4	25.5	20.8	16.2	13.9	11.6
50°	87.9	55.5	46.3	41.6	41.6	37.0	30.1	23.1	16.2	13.9	11.6
47.5°	138.8	92.6	55.5	48.6	46.3	44.0	34.7	23.1	18.5	13.9	11.6
45°	229.1	136.5	90.2	57.8	48.6	46.3	39.3	25.5	18.5	16.2	11.6
42.5°	314.7	212.9	138.8	69.4	57.8	50.9	41.6	27.8	20.8	16.2	11.6
40°	495.2	291.5	194.4	113.4	67.1	53.2	46.3	32.4	20.8	16.2	11.6
37.5°	671.0	386.4	261.5	166.6	76.4	60.2	48.6	34.7	23.1	16.2	13.9
35°	846.9	541.4	323.9	222.1	101.8	71.7	50.9	37.0	23.1	16.2	13.9
32.5°	1004.2	687.2	388.7	277.7	152.7	85.6	55.5	39.3	25.5	18.5	13.9
30°	1133.8	821.4	504.4	326.2	199.0	104.1	60.2	39.3	27.8	18.5	13.9
27.5°	1230.9	925.5	622.4	377.2	238.3	122.6	69.4	44.0	27.8	18.5	13.9
25°	1309.6	1006.5	726.5	430.4	273.0	152.7	83.3	46.3	30.1	20.8	13.9
22.5°	1372.1	1073.6	812.1	502.1	314.7	182.8	101.8	50.9	30.1	20.8	13.9
20°	1457.7	1140.7	870.0	578.5	358.6	210.6	118.0	55.5	30.1	20.8	16.2
17.5°	1531.7	1207.8	916.3	643.2	402.6	231.4	136.5	60.2	32.4	20.8	16.2
15°	1617.4	1272.6	957.9	694.1	444.3	249.9	152.7	64.8	32.4	23.1	16.2
12.5°	1709.9	1332.8	988.0	735.8	488.2	266.1	166.6	74.0	34.7	23.1	16.2
10°	1804.8	1383.7	1013.5	765.9	520.6	282.3	175.8	83.3	37.0	23.1	16.2
7.5°	1899.6	1429.9	1045.8	779.8	534.5	300.8	180.5	92.6	37.0	25.5	16.2
5°	1964.4	1460.0	1092.1	789.0	541.4	321.6	187.4	104.1	39.3	25.5	16.2
2.5°	2020.0	1478.5	1140.7	796.0	543.7	333.2	185.1	111.1	41.6	25.5	16.2
0°	2045.4	1478.5	1173.1	791.3	536.8	344.8	185.1	118.0	41.6	25.5	16.2
-2.5°	2006.1	1520.2	1163.8	793.6	539.1	344.8	194.4	120.3	46.3	27.8	16.2
-5°	1943.6	1536.4	1136.1	782.1	534.5	344.8	205.9	122.6	48.6	27.8	18.5
-7.5°	1883.4	1543.3	1103.7	770.5	527.5	335.5	208.2	120.3	53.2	30.1	18.5
-10°	1804.8	1467.0	1062.0	749.7	513.7	328.6	212.9	120.3	55.5	30.1	18.5
-12.5°	1714.5	1374.4	1011.1	719.6	497.5	321.6	215.2	120.3	57.8	32.4	18.5
-15°	1610.4	1279.5	953.3	687.2	474.3	312.4	210.6	118.0	60.2	32.4	20.8
-17.5°	1492.4	1187.0	893.1	647.9	448.9	300.8	201.3	115.7	60.2	32.4	20.8
-20°	1358.2	1094.4	826.0	608.5	418.8	286.9	192.0	111.1	60.2	32.4	20.8



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CATALOG NUMBER: IFLD-S-SA2C-740-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1237.9	1008.8	756.6	564.6	386.4	270.7	180.5	106.4	60.2	34.7	20.8
-25°	1138.4	925.5	703.4	520.6	351.7	252.2	168.9	101.8	60.2	34.7	20.8
-27.5°	1034.3	835.3	647.9	479.0	328.6	236.0	157.3	97.2	57.8	34.7	20.8
-30°	927.8	747.4	590.0	432.7	305.4	219.8	148.1	90.2	57.8	34.7	20.8
-32.5°	830.7	675.6	536.8	386.4	280.0	203.6	138.8	87.9	55.5	34.7	20.8
-35°	735.8	610.8	481.3	349.4	252.2	187.4	129.6	85.6	55.5	34.7	20.8
-37.5°	657.1	550.7	430.4	323.9	236.0	173.5	120.3	81.0	53.2	34.7	20.8
-40°	592.3	495.2	381.8	296.2	222.1	159.7	111.1	78.7	53.2	34.7	20.8
-42.5°	532.2	441.9	351.7	273.0	208.2	150.4	104.1	76.4	50.9	34.7	20.8
-45°	479.0	395.7	321.6	252.2	192.0	138.8	99.5	71.7	48.6	34.7	23.1
-47.5°	425.7	363.3	293.9	233.7	175.8	124.9	94.9	69.4	46.3	32.4	23.1
-50°	384.1	328.6	270.7	212.9	159.7	120.3	90.2	64.8	46.3	32.4	23.1
-52.5°	347.1	296.2	245.3	192.0	145.8	113.4	85.6	60.2	44.0	32.4	23.1
-55°	312.4	266.1	219.8	171.2	136.5	106.4	78.7	55.5	44.0	32.4	23.1
-57.5°	277.7	238.3	194.4	155.0	124.9	99.5	74.0	55.5	44.0	32.4	23.1
-60°	249.9	212.9	175.8	143.5	115.7	90.2	67.1	53.2	41.6	32.4	23.1
-62.5°	226.8	192.0	159.7	129.6	106.4	81.0	64.8	53.2	41.6	32.4	20.8
-65°	203.6	173.5	143.5	118.0	94.9	76.4	62.5	50.9	41.6	32.4	20.8
-67.5°	180.5	152.7	129.6	104.1	87.9	74.0	60.2	50.9	39.3	30.1	20.8
-70°	157.3	134.2	113.4	97.2	83.3	69.4	57.8	48.6	39.3	27.8	18.5
-72.5°	138.8	118.0	101.8	90.2	78.7	67.1	55.5	46.3	37.0	25.5	16.2
-75°	118.0	104.1	92.6	81.0	71.7	62.5	53.2	41.6	32.4	23.1	16.2
-77.5°	99.5	90.2	81.0	74.0	64.8	55.5	46.3	37.0	30.1	20.8	13.9
-80°	85.6	78.7	71.7	64.8	57.8	48.6	41.6	32.4	25.5	18.5	11.6
-82.5°	69.4	64.8	57.8	53.2	48.6	41.6	34.7	27.8	18.5	13.9	9.3
-85°	53.2	48.6	46.3	41.6	37.0	30.1	23.1	18.5	13.9	9.3	4.6
-87.5°	27.8	25.5	23.1	20.8	18.5	13.9	11.6	9.3	6.9	4.6	2.3
-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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CATALOG NUMBER: IFLD-S-SA2C-740-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°	2.3	0.0	0.0	0.0
77.5°	2.3	0.0	0.0	0.0
75°	2.3	2.3	0.0	0.0
72.5°	2.3	2.3	0.0	0.0
70°	2.3	2.3	0.0	0.0
67.5°	4.6	2.3	0.0	0.0
65°	4.6	2.3	0.0	0.0
62.5°	4.6	2.3	0.0	0.0
60°	4.6	2.3	0.0	0.0
57.5°	6.9	2.3	2.3	0.0
55°	6.9	2.3	2.3	0.0
52.5°	6.9	2.3	2.3	0.0
50°	6.9	4.6	2.3	0.0
47.5°	6.9	4.6	2.3	0.0
45°	6.9	4.6	2.3	0.0
42.5°	6.9	4.6	2.3	0.0
40°	9.3	4.6	2.3	0.0
37.5°	9.3	4.6	2.3	0.0
35°	9.3	4.6	2.3	0.0
32.5°	9.3	4.6	2.3	0.0
30°	9.3	4.6	2.3	0.0
27.5°	9.3	6.9	2.3	0.0
25°	9.3	6.9	2.3	0.0
22.5°	11.6	6.9	2.3	0.0
20°	11.6	6.9	2.3	0.0
17.5°	11.6	6.9	2.3	0.0
15°	11.6	6.9	2.3	0.0
12.5°	11.6	6.9	2.3	0.0
10°	11.6	6.9	2.3	0.0
7.5°	11.6	6.9	2.3	0.0
5°	11.6	6.9	2.3	0.0
2.5°	11.6	6.9	2.3	0.0
0°	11.6	6.9	2.3	0.0
-2.5°	11.6	6.9	2.3	0.0
-5°	11.6	6.9	2.3	0.0
-7.5°	11.6	6.9	2.3	0.0
-10°	11.6	6.9	2.3	0.0
-12.5°	13.9	6.9	2.3	0.0
-15°	13.9	6.9	2.3	0.0
-17.5°	13.9	6.9	2.3	0.0
-20°	13.9	6.9	2.3	0.0



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CATALOG NUMBER: IFLD-S-SA2C-740-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	13.9	6.9	2.3	0.0
-25°	13.9	6.9	2.3	0.0
-27.5°	13.9	6.9	2.3	0.0
-30°	13.9	6.9	2.3	0.0
-32.5°	13.9	6.9	2.3	0.0
-35°	13.9	6.9	2.3	0.0
-37.5°	13.9	6.9	2.3	0.0
-40°	13.9	6.9	2.3	0.0
-42.5°	11.6	6.9	2.3	0.0
-45°	13.9	6.9	2.3	0.0
-47.5°	13.9	6.9	2.3	0.0
-50°	13.9	6.9	2.3	0.0
-52.5°	13.9	6.9	2.3	0.0
-55°	13.9	6.9	2.3	0.0
-57.5°	13.9	6.9	2.3	0.0
-60°	13.9	6.9	2.3	0.0
-62.5°	11.6	6.9	2.3	0.0
-65°	11.6	4.6	2.3	0.0
-67.5°	11.6	4.6	2.3	0.0
-70°	11.6	4.6	2.3	0.0
-72.5°	9.3	4.6	2.3	0.0
-75°	9.3	4.6	2.3	0.0
-77.5°	6.9	2.3	0.0	0.0
-80°	6.9	2.3	0.0	0.0
-82.5°	4.6	2.3	0.0	0.0
-85°	2.3	2.3	0.0	0.0
-87.5°	2.3	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)