

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: P722717

Luminaire Tested: **IFLD-S-SA2E-940-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722717
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2E-940-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (32) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

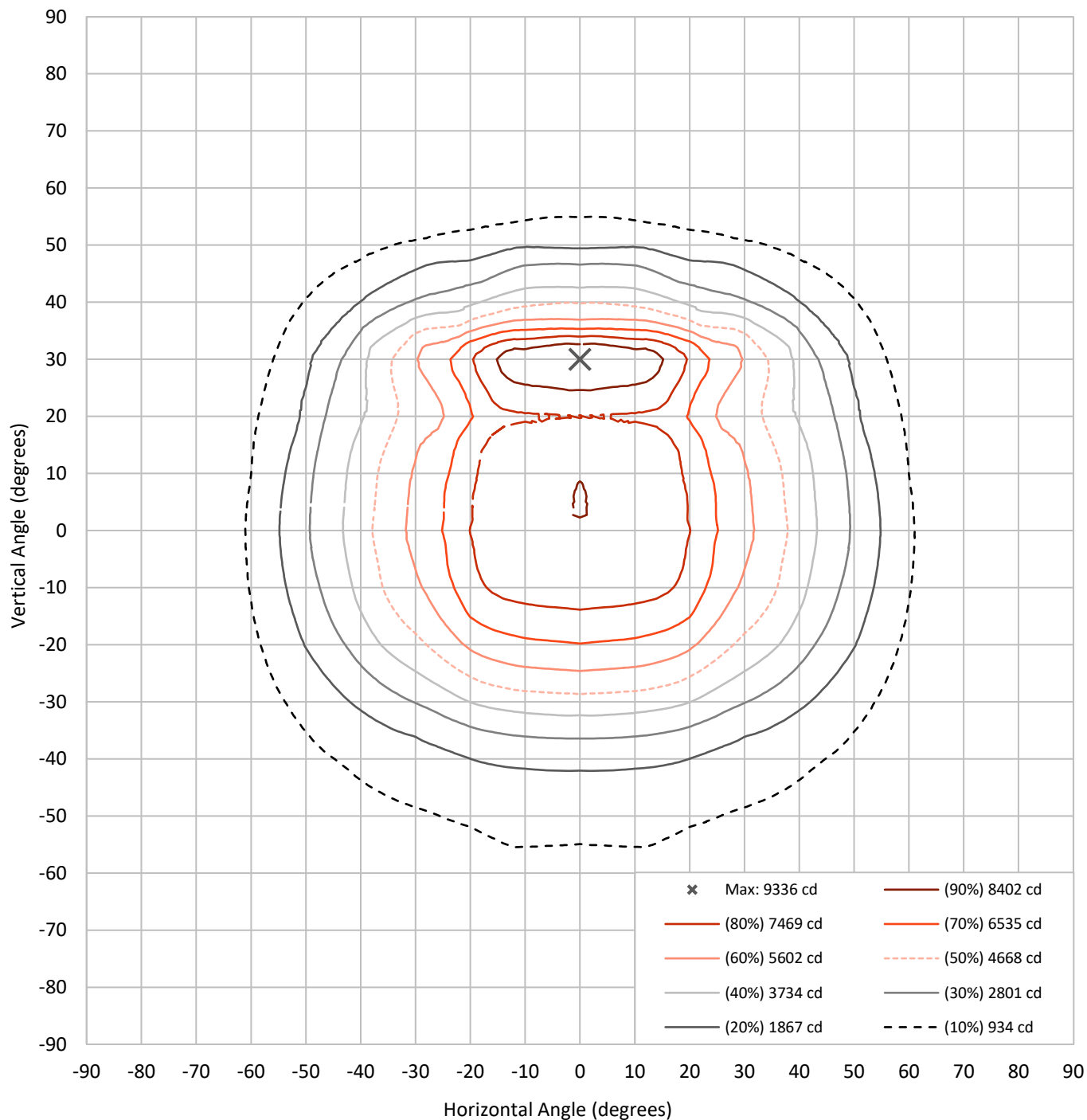
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	13373.2 lumens	Max Intensity:	9336 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	85.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	8531.6 lumens	Field Lumens:	12608 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	156.2		
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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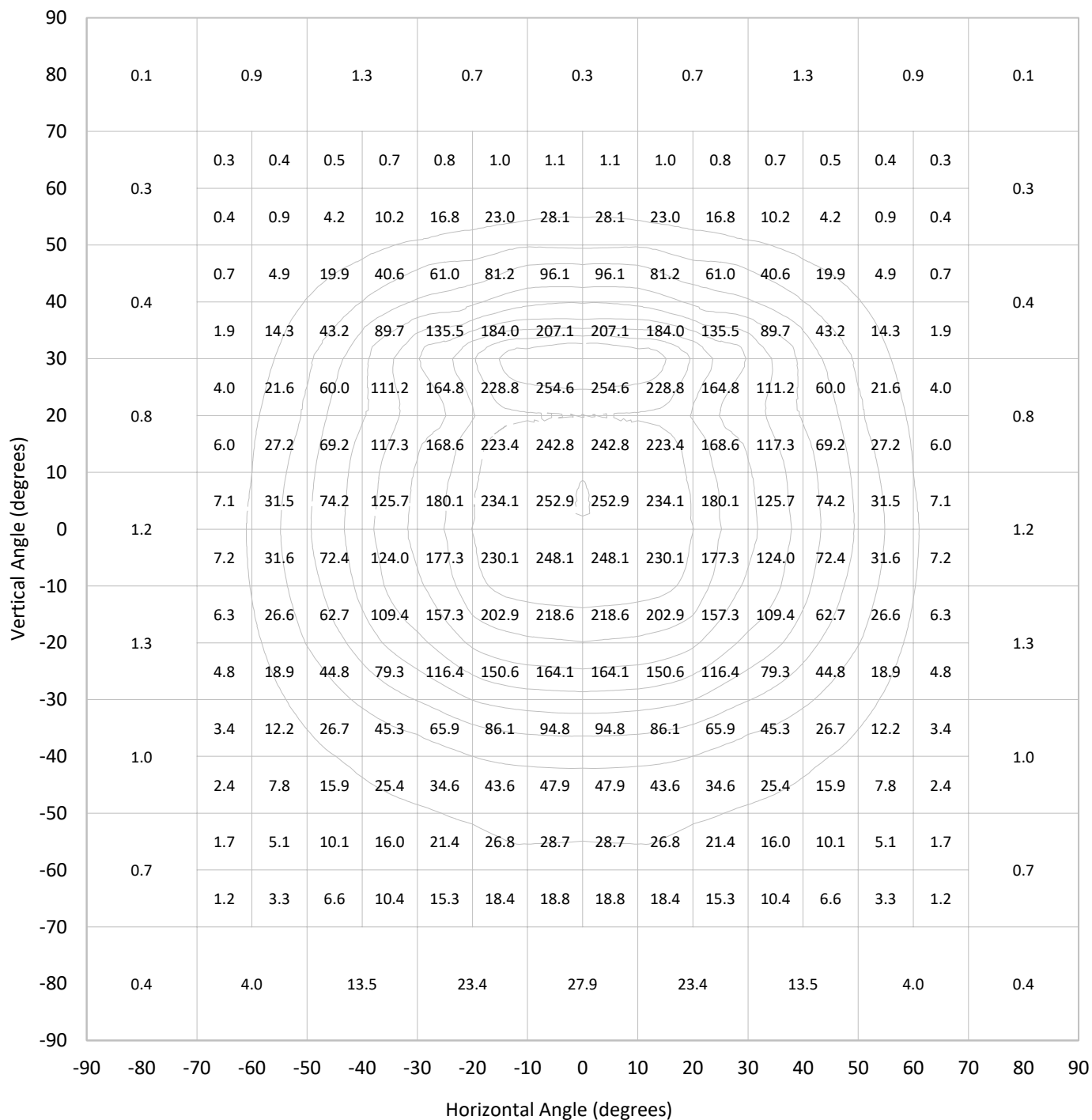
Iso-Candela Plot



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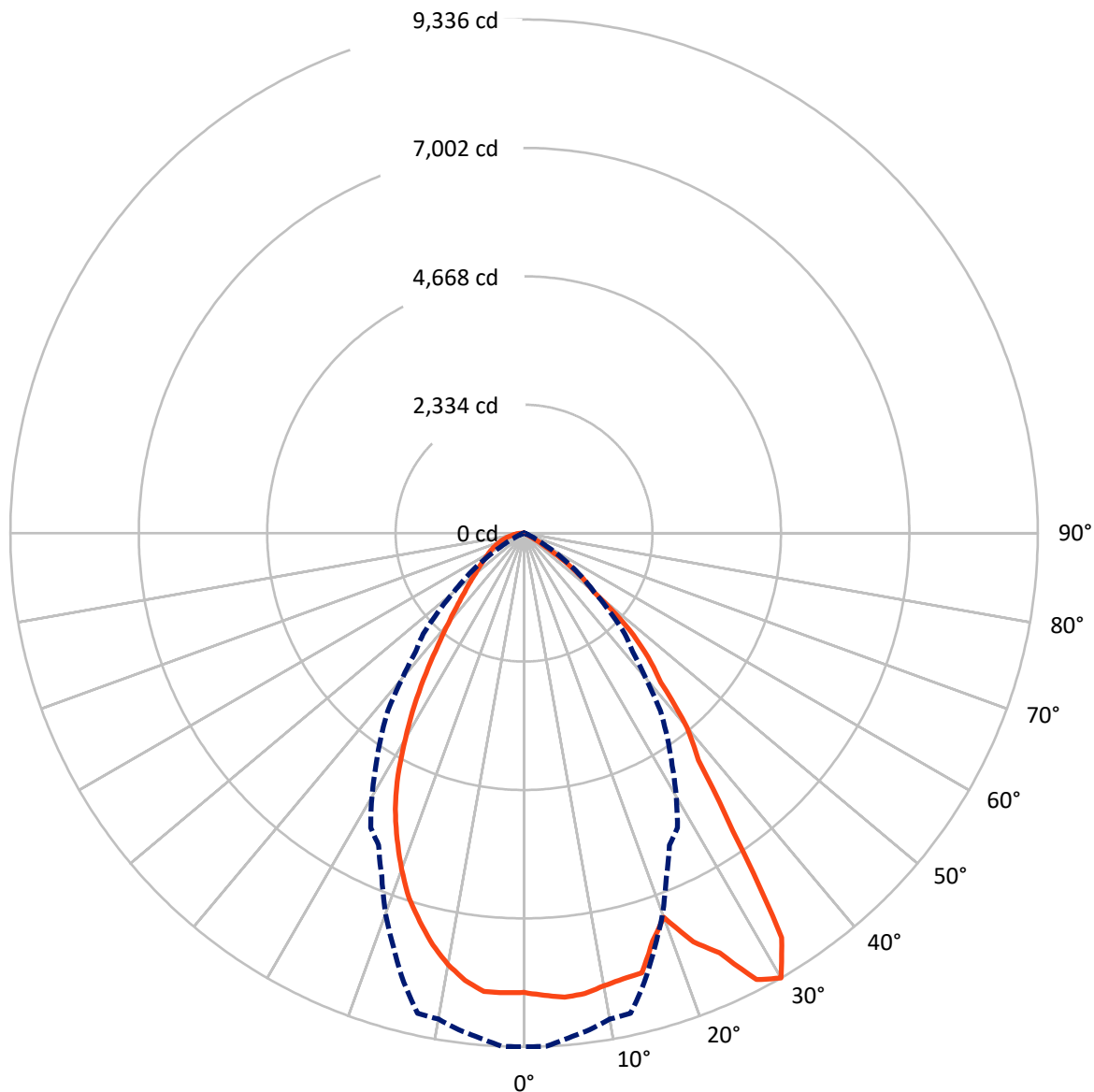
Lumen Table



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Luminous Intensity Polar Plot

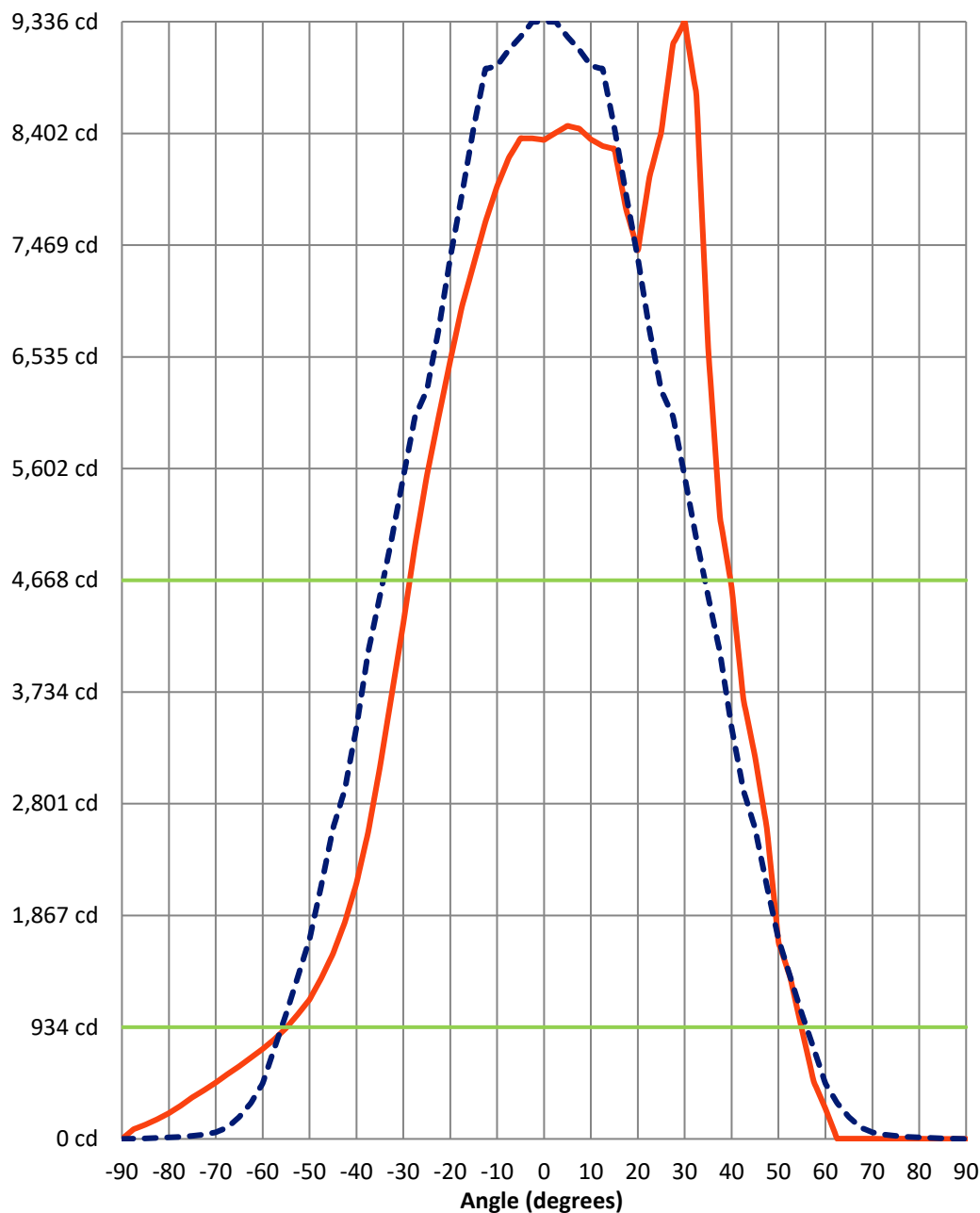


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 8531.6

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 12608

Efficiency: 94.3%

Spill:

Lumens: 765.3

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	2.1	2.1	2.1	2.1	2.1	2.1	2.1
85°	0.0	2.1	2.1	2.1	4.3	4.3	4.3	4.3	4.3	4.3	6.4
82.5°	0.0	2.1	2.1	2.1	4.3	4.3	4.3	4.3	6.4	6.4	8.5
80°	2.1	2.1	2.1	2.1	4.3	4.3	4.3	6.4	6.4	8.5	8.5
77.5°	2.1	2.1	2.1	4.3	4.3	4.3	6.4	6.4	8.5	8.5	10.6
75°	2.1	2.1	2.1	4.3	4.3	6.4	6.4	6.4	8.5	8.5	10.6
72.5°	0.0	2.1	2.1	4.3	4.3	6.4	6.4	6.4	8.5	8.5	8.5
70°	2.1	2.1	2.1	4.3	4.3	6.4	6.4	6.4	8.5	8.5	8.5
67.5°	2.1	2.1	2.1	4.3	4.3	6.4	6.4	8.5	8.5	8.5	10.6
65°	2.1	2.1	2.1	4.3	6.4	6.4	8.5	10.6	10.6	12.8	14.9
62.5°	2.1	4.3	4.3	6.4	8.5	10.6	23.4	36.2	36.2	25.5	21.3
60°	253.4	274.7	272.5	247.0	215.0	181.0	174.6	168.2	155.4	136.3	142.6
57.5°	481.2	506.7	517.4	511.0	493.9	464.1	447.1	427.9	402.4	372.6	338.5
55°	911.2	921.9	898.5	853.8	804.8	755.8	738.8	713.2	674.9	636.6	585.5
52.5°	1347.7	1383.9	1373.3	1328.5	1262.5	1175.3	1079.4	1004.9	960.2	917.6	866.5
50°	1645.8	1660.7	1690.5	1743.7	1762.9	1703.3	1547.8	1347.7	1205.1	1277.4	1222.1
47.5°	2597.5	2672.0	2657.1	2618.8	2554.9	2393.1	2175.9	1997.1	1848.0	1799.1	1807.6
45°	3191.5	3221.3	3210.7	3193.6	3163.8	3012.6	2772.1	2497.4	2359.0	2303.7	2246.2
42.5°	3679.1	3711.0	3717.4	3719.5	3687.6	3549.2	3332.0	3057.4	2919.0	2759.3	2633.7
40°	4609.5	4656.3	4603.1	4532.8	4426.4	4268.8	4055.9	3802.5	3557.7	3361.8	3212.8
37.5°	5203.5	5261.0	5282.2	5278.0	5254.6	5186.4	4924.6	4684.0	4309.3	3870.7	3949.4
35°	6612.9	6672.5	6655.5	6591.6	6557.6	6485.2	6229.7	5944.4	5473.9	4997.0	4869.2
32.5°	8714.3	8844.2	8601.5	8335.3	8171.4	8228.9	7969.1	7270.8	7053.6	6193.5	5795.4
30°	9336.0	9333.9	9210.4	9101.8	8967.7	8940.0	8450.3	7892.5	7360.2	6757.7	6255.2
27.5°	9146.5	9108.2	9003.9	8925.1	8799.5	8733.5	8254.4	7811.6	7196.3	6657.6	6172.2
25°	8416.3	8446.1	8339.6	8324.7	8275.7	8148.0	7909.5	7411.3	6862.0	6265.9	5916.7
22.5°	8039.4	8028.8	7901.0	7826.5	7886.1	7749.9	7654.0	7151.6	6578.9	6076.4	5657.0
20°	7426.2	7428.4	7396.4	7390.0	7353.8	7292.1	7215.5	6859.9	6455.4	6025.3	5520.7
17.5°	7769.0	7856.3	7894.6	7577.4	7666.8	7596.6	7515.7	7019.6	6715.1	6334.0	5676.1
15°	8271.5	8239.5	8201.2	8184.2	8135.2	8069.2	7922.3	7526.3	7002.5	6608.7	6095.6
12.5°	8297.0	8235.3	8220.4	8218.3	8167.2	8075.6	7933.0	7605.1	7140.9	6661.9	6244.6
10°	8352.4	8288.5	8280.0	8290.6	8211.9	8154.4	8011.7	7707.3	7183.5	6753.4	6359.6
7.5°	8441.8	8335.3	8384.3	8352.4	8316.2	8224.6	8071.3	7773.3	7338.9	6874.8	6461.8
5°	8465.2	8348.1	8401.4	8371.5	8318.3	8228.9	8062.8	7815.9	7434.7	6923.8	6502.2
2.5°	8407.7	8373.7	8350.3	8294.9	8271.5	8173.5	8016.0	7752.0	7390.0	6902.5	6493.7
0°	8348.1	8377.9	8324.7	8269.3	8258.7	8179.9	8045.8	7807.3	7494.4	6962.1	6566.1
-2.5°	8360.9	8337.5	8301.3	8243.8	8188.4	8075.6	7954.2	7730.7	7394.3	6832.2	6463.9
-5°	8360.9	8252.3	8256.6	8258.7	8203.3	8086.2	7939.3	7749.9	7334.7	6830.1	6434.1
-7.5°	8199.1	8105.4	8090.5	8077.7	8062.8	7954.2	7839.3	7602.9	7234.6	6774.7	6351.0
-10°	7960.6	7869.1	7877.6	7858.4	7811.6	7739.2	7651.9	7439.0	7136.7	6600.1	6182.8
-12.5°	7662.6	7622.1	7598.7	7566.8	7519.9	7456.0	7366.6	7166.5	6842.9	6385.1	5989.1
-15°	7309.1	7279.3	7258.0	7238.9	7170.7	7104.7	6987.6	6802.4	6600.1	6108.3	5703.8
-17.5°	6955.7	6881.2	6851.4	6825.8	6781.1	6674.7	6568.2	6429.8	6146.7	5757.0	5410.0
-20°	6502.2	6457.5	6421.3	6387.2	6323.4	6240.3	6153.0	5993.4	5748.5	5433.4	5073.6

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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°	6027.4	6001.9	5972.1	5929.5	5886.9	5808.1	5686.8	5533.5	5341.9	5001.2	4664.8
-25°	5537.7	5488.8	5452.6	5412.1	5378.1	5305.7	5188.6	5041.7	4801.1	4507.3	4226.2
-27.5°	4960.8	4913.9	4894.8	4847.9	4818.1	4752.1	4635.0	4498.7	4281.6	4034.6	3749.3
-30°	4309.3	4317.8	4296.5	4251.8	4215.6	4130.4	4041.0	3926.0	3755.7	3519.4	3263.9
-32.5°	3706.7	3717.4	3691.8	3645.0	3598.1	3536.4	3453.4	3349.0	3221.3	2995.6	2774.2
-35°	3104.2	3099.9	3078.7	3051.0	3019.0	2967.9	2874.3	2795.5	2648.6	2491.0	2337.7
-37.5°	2563.4	2574.1	2567.7	2552.8	2516.6	2474.0	2397.3	2325.0	2216.4	2078.0	1958.8
-40°	2135.5	2148.2	2139.7	2124.8	2092.9	2067.3	2016.2	1952.4	1865.1	1745.8	1645.8
-42.5°	1807.6	1816.1	1805.5	1792.7	1765.0	1745.8	1705.4	1652.2	1579.8	1488.2	1398.8
-45°	1547.8	1550.0	1539.3	1530.8	1509.5	1486.1	1452.0	1409.5	1352.0	1288.1	1215.7
-47.5°	1343.4	1341.3	1330.7	1322.2	1305.1	1283.8	1256.2	1217.8	1173.1	1124.2	1066.7
-50°	1164.6	1175.3	1171.0	1162.5	1149.7	1134.8	1107.1	1066.7	1022.0	985.8	945.3
-52.5°	1041.1	1043.2	1041.1	1041.1	1039.0	1028.3	996.4	956.0	907.0	875.1	841.0
-55°	926.1	936.8	941.1	945.3	947.4	947.4	909.1	866.5	819.7	787.8	762.2
-57.5°	832.5	838.9	843.1	853.8	862.3	868.7	834.6	796.3	760.1	730.3	706.9
-60°	751.6	760.1	766.5	777.1	783.5	787.8	766.5	740.9	719.6	700.5	666.4
-62.5°	679.2	685.6	692.0	698.3	704.7	709.0	700.5	687.7	677.0	668.5	625.9
-65°	606.8	613.2	619.6	628.1	634.5	638.7	636.6	628.1	619.6	611.0	572.7
-67.5°	540.8	547.2	555.7	557.8	562.1	564.2	559.9	553.6	542.9	532.3	502.5
-70°	470.5	474.8	479.0	479.0	479.0	476.9	472.7	464.1	453.5	438.6	415.2
-72.5°	406.7	410.9	415.2	408.8	404.5	398.1	391.8	381.1	370.5	359.8	347.0
-75°	347.0	349.2	349.2	340.7	334.3	327.9	319.4	313.0	302.3	293.8	283.2
-77.5°	276.8	276.8	276.8	270.4	266.1	261.9	255.5	249.1	240.6	234.2	225.7
-80°	215.0	215.0	215.0	212.9	206.5	202.3	198.0	193.7	187.4	183.1	178.8
-82.5°	163.9	163.9	163.9	161.8	157.6	155.4	151.2	146.9	144.8	140.5	138.4
-85°	119.2	121.4	121.4	119.2	117.1	112.8	110.7	108.6	106.5	104.3	100.1
-87.5°	80.9	80.9	80.9	78.8	76.6	76.6	74.5	70.3	66.0	63.9	61.7
-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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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°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
85°	6.4	6.4	6.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	6.4
82.5°	10.6	10.6	12.8	12.8	14.9	14.9	14.9	14.9	14.9	14.9	14.9
80°	10.6	12.8	14.9	17.0	19.2	21.3	21.3	21.3	21.3	19.2	19.2
77.5°	12.8	12.8	14.9	17.0	19.2	21.3	23.4	25.5	23.4	23.4	23.4
75°	12.8	14.9	14.9	17.0	19.2	21.3	23.4	25.5	25.5	25.5	25.5
72.5°	10.6	12.8	14.9	17.0	17.0	19.2	21.3	21.3	23.4	23.4	25.5
70°	10.6	12.8	14.9	14.9	17.0	17.0	19.2	21.3	21.3	23.4	23.4
67.5°	12.8	14.9	14.9	17.0	19.2	19.2	19.2	21.3	21.3	23.4	23.4
65°	14.9	17.0	17.0	19.2	21.3	21.3	23.4	23.4	23.4	25.5	25.5
62.5°	25.5	25.5	25.5	23.4	25.5	25.5	25.5	27.7	27.7	25.5	27.7
60°	132.0	95.8	66.0	83.0	74.5	34.1	34.1	34.1	31.9	31.9	29.8
57.5°	310.8	289.6	249.1	210.8	189.5	168.2	104.3	42.6	42.6	38.3	34.1
55°	519.5	449.2	419.4	368.3	313.0	287.4	238.5	161.8	76.6	51.1	44.7
52.5°	804.8	738.8	662.1	557.8	483.3	423.7	383.2	304.5	204.4	108.6	68.1
50°	1077.3	1047.5	1000.7	898.5	743.0	643.0	577.0	487.6	366.2	223.6	127.7
47.5°	1735.2	1486.1	1334.9	1256.2	1126.3	936.8	809.1	709.0	562.1	376.8	225.7
45°	2184.4	2026.9	1786.3	1620.2	1428.6	1228.5	1062.4	947.4	772.9	564.2	353.4
42.5°	2569.8	2433.5	2216.4	1973.7	1771.4	1509.5	1296.6	1145.4	998.5	770.7	528.0
40°	3065.9	2904.1	2695.4	2459.1	2222.8	1888.5	1543.6	1360.5	1198.7	996.4	713.2
37.5°	3883.4	3598.1	3257.5	2995.6	2686.9	2403.7	1931.1	1607.5	1415.8	1205.1	930.4
35°	4867.1	4554.1	3985.6	3638.6	3225.6	2804.0	2378.2	1899.1	1626.6	1403.1	1130.5
32.5°	5782.6	5324.8	4596.7	4190.0	3915.4	3138.3	2697.5	2282.4	1843.8	1569.1	1245.5
30°	6035.9	5531.4	5009.7	4534.9	4066.5	3438.5	2916.8	2593.2	2116.3	1669.2	1354.1
27.5°	5780.5	5433.4	5028.9	4588.2	4081.4	3542.8	3051.0	2742.3	2316.4	1737.3	1439.3
25°	5520.7	5158.8	4875.6	4507.3	4038.9	3536.4	3055.2	2835.9	2471.9	1869.3	1486.1
22.5°	5246.1	5020.4	4786.2	4375.3	3932.4	3555.6	3193.6	2916.8	2552.8	2018.4	1505.3
20°	5261.0	5114.1	4856.4	4307.1	3913.2	3668.4	3359.7	3019.0	2640.1	2148.2	1520.2
17.5°	5499.4	5307.8	4984.2	4507.3	4085.7	3783.4	3498.1	3159.6	2729.5	2263.2	1701.1
15°	5793.2	5501.5	5163.0	4743.6	4266.7	3909.0	3604.5	3257.5	2831.7	2369.7	1862.9
12.5°	6006.1	5591.0	5273.7	4894.8	4462.6	4045.3	3674.8	3332.0	2927.5	2457.0	1984.3
10°	6078.5	5701.7	5327.0	4988.4	4562.6	4117.6	3728.0	3378.9	3010.5	2525.1	2073.7
7.5°	6116.8	5797.5	5363.2	5031.0	4622.2	4162.4	3770.6	3404.4	3076.5	2571.9	2131.2
5°	6112.6	5848.6	5390.8	5043.8	4654.2	4181.5	3800.4	3410.8	3123.4	2612.4	2165.3
2.5°	6093.4	5882.6	5435.5	5065.1	4718.0	4217.7	3857.9	3423.6	3140.4	2657.1	2188.7
0°	6163.7	5884.8	5482.4	5071.5	4760.6	4230.5	3883.4	3412.9	3117.0	2669.9	2186.6
-2.5°	6012.5	5759.2	5471.7	5016.1	4703.1	4200.7	3836.6	3378.9	3065.9	2655.0	2178.0
-5°	5987.0	5667.6	5382.3	4965.0	4607.3	4138.9	3749.3	3315.0	2985.0	2606.0	2144.0
-7.5°	5918.8	5580.3	5295.0	4924.6	4517.9	4075.1	3666.3	3249.0	2897.7	2529.3	2095.0
-10°	5769.8	5446.2	5201.3	4837.3	4409.3	3983.5	3566.2	3161.7	2795.5	2425.0	2018.4
-12.5°	5556.9	5233.3	4990.6	4652.0	4273.1	3860.0	3447.0	3048.8	2678.4	2314.3	1926.8
-15°	5316.3	4988.4	4745.7	4437.0	4070.8	3668.4	3295.8	2906.2	2544.3	2197.2	1818.2
-17.5°	5043.8	4732.9	4498.7	4198.5	3834.5	3451.2	3080.8	2727.4	2388.8	2075.9	1692.6
-20°	4728.7	4426.4	4211.3	3911.1	3576.9	3204.3	2844.5	2510.2	2205.7	1911.9	1554.2

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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°	4339.1	4072.9	3828.1	3559.8	3268.1	2927.5	2593.2	2297.3	2005.6	1718.2	1411.6
-25°	3940.9	3683.3	3444.9	3200.0	2921.1	2627.3	2342.0	2073.7	1788.4	1528.7	1273.2
-27.5°	3498.1	3268.1	3055.2	2829.5	2574.1	2320.7	2086.5	1824.6	1577.6	1356.2	1136.9
-30°	3025.4	2838.1	2652.8	2452.7	2246.2	2033.3	1824.6	1577.6	1383.9	1207.2	1022.0
-32.5°	2571.9	2403.7	2254.7	2105.7	1926.8	1752.2	1567.0	1383.9	1222.1	1066.7	911.2
-35°	2173.8	1994.9	1911.9	1792.7	1650.0	1492.5	1341.3	1213.6	1083.7	943.2	804.8
-37.5°	1828.9	1713.9	1616.0	1526.6	1413.7	1277.4	1168.9	1064.5	956.0	828.2	709.0
-40°	1558.5	1475.5	1377.5	1311.5	1220.0	1122.0	1013.4	926.1	834.6	730.3	632.3
-42.5°	1341.3	1273.2	1209.3	1139.1	1070.9	987.9	894.2	811.2	728.1	651.5	570.6
-45°	1162.5	1113.5	1062.4	1004.9	945.3	872.9	796.3	711.1	651.5	583.4	515.2
-47.5°	1015.6	979.4	936.8	892.1	841.0	777.1	706.9	645.1	583.4	525.9	459.9
-50°	898.5	864.4	830.3	792.0	747.3	692.0	638.7	581.2	523.8	468.4	406.7
-52.5°	800.5	770.7	743.0	711.1	668.5	621.7	572.7	521.6	468.4	413.0	364.1
-55°	732.4	698.3	670.7	638.7	600.4	555.7	511.0	464.1	413.0	370.5	330.0
-57.5°	677.0	638.7	606.8	572.7	534.4	496.1	455.6	413.0	374.7	334.3	295.9
-60°	630.2	585.5	549.3	515.2	479.0	442.8	408.8	372.6	336.4	300.2	261.9
-62.5°	581.2	534.4	489.7	457.8	430.1	398.1	368.3	334.3	302.3	266.1	238.5
-65°	525.9	481.2	438.6	410.9	385.4	357.7	330.0	300.2	272.5	244.8	219.3
-67.5°	464.1	425.8	396.0	370.5	344.9	321.5	295.9	270.4	247.0	219.3	193.7
-70°	389.6	368.3	351.3	332.1	308.7	287.4	264.0	240.6	215.0	191.6	168.2
-72.5°	332.1	319.4	306.6	287.4	266.1	247.0	227.8	206.5	185.2	163.9	144.8
-75°	272.5	261.9	251.2	238.5	221.4	206.5	189.5	170.3	153.3	138.4	123.5
-77.5°	219.3	210.8	204.4	193.7	181.0	168.2	157.6	144.8	132.0	117.1	102.2
-80°	174.6	170.3	168.2	163.9	153.3	142.6	134.1	123.5	110.7	100.1	89.4
-82.5°	136.3	136.3	134.1	132.0	123.5	115.0	108.6	100.1	91.6	83.0	72.4
-85°	100.1	97.9	97.9	95.8	89.4	85.2	78.8	74.5	68.1	59.6	55.4
-87.5°	59.6	57.5	55.4	53.2	49.0	46.8	42.6	40.5	36.2	31.9	29.8
-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-SA2E-940-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°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	0.0	0.0
85°	6.4	4.3	4.3	4.3	4.3	4.3	2.1	2.1	2.1	2.1	2.1
82.5°	12.8	12.8	10.6	10.6	8.5	6.4	4.3	4.3	4.3	2.1	2.1
80°	19.2	19.2	19.2	17.0	14.9	10.6	8.5	6.4	4.3	2.1	2.1
77.5°	23.4	21.3	21.3	19.2	19.2	17.0	12.8	10.6	6.4	4.3	2.1
75°	23.4	23.4	23.4	21.3	21.3	19.2	17.0	12.8	10.6	6.4	4.3
72.5°	25.5	23.4	23.4	23.4	21.3	19.2	17.0	14.9	12.8	8.5	4.3
70°	23.4	23.4	23.4	23.4	21.3	21.3	17.0	14.9	14.9	8.5	6.4
67.5°	23.4	23.4	23.4	21.3	21.3	19.2	17.0	14.9	14.9	10.6	6.4
65°	25.5	23.4	23.4	23.4	21.3	19.2	17.0	14.9	14.9	12.8	8.5
62.5°	27.7	25.5	25.5	23.4	21.3	19.2	17.0	14.9	14.9	12.8	8.5
60°	29.8	27.7	25.5	25.5	23.4	21.3	17.0	17.0	14.9	12.8	8.5
57.5°	31.9	29.8	29.8	27.7	25.5	23.4	19.2	17.0	14.9	12.8	10.6
55°	38.3	34.1	31.9	31.9	29.8	25.5	21.3	17.0	14.9	12.8	10.6
52.5°	51.1	40.5	36.2	36.2	34.1	29.8	23.4	19.2	14.9	12.8	10.6
50°	80.9	51.1	42.6	38.3	38.3	34.1	27.7	21.3	14.9	12.8	10.6
47.5°	127.7	85.2	51.1	44.7	42.6	40.5	31.9	21.3	17.0	12.8	10.6
45°	210.8	125.6	83.0	53.2	44.7	42.6	36.2	23.4	17.0	14.9	10.6
42.5°	289.6	195.9	127.7	63.9	53.2	46.8	38.3	25.5	19.2	14.9	10.6
40°	455.6	268.3	178.8	104.3	61.7	49.0	42.6	29.8	19.2	14.9	10.6
37.5°	617.4	355.6	240.6	153.3	70.3	55.4	44.7	31.9	21.3	14.9	12.8
35°	779.2	498.2	298.1	204.4	93.7	66.0	46.8	34.1	21.3	14.9	12.8
32.5°	924.0	632.3	357.7	255.5	140.5	78.8	51.1	36.2	23.4	17.0	12.8
30°	1043.2	755.8	464.1	300.2	183.1	95.8	55.4	36.2	25.5	17.0	12.8
27.5°	1132.7	851.6	572.7	347.0	219.3	112.8	63.9	40.5	25.5	17.0	12.8
25°	1205.1	926.1	668.5	396.0	251.2	140.5	76.6	42.6	27.7	19.2	12.8
22.5°	1262.5	987.9	747.3	462.0	289.6	168.2	93.7	46.8	27.7	19.2	12.8
20°	1341.3	1049.6	800.5	532.3	330.0	193.7	108.6	51.1	27.7	19.2	14.9
17.5°	1409.5	1111.4	843.1	591.9	370.5	212.9	125.6	55.4	29.8	19.2	14.9
15°	1488.2	1171.0	881.4	638.7	408.8	229.9	140.5	59.6	29.8	21.3	14.9
12.5°	1573.4	1226.4	909.1	677.0	449.2	244.8	153.3	68.1	31.9	21.3	14.9
10°	1660.7	1273.2	932.5	704.7	479.0	259.7	161.8	76.6	34.1	21.3	14.9
7.5°	1748.0	1315.8	962.3	717.5	491.8	276.8	166.1	85.2	34.1	23.4	14.9
5°	1807.6	1343.4	1004.9	726.0	498.2	295.9	172.5	95.8	36.2	23.4	14.9
2.5°	1858.7	1360.5	1049.6	732.4	500.3	306.6	170.3	102.2	38.3	23.4	14.9
0°	1882.1	1360.5	1079.4	728.1	493.9	317.2	170.3	108.6	38.3	23.4	14.9
-2.5°	1845.9	1398.8	1070.9	730.3	496.1	317.2	178.8	110.7	42.6	25.5	14.9
-5°	1788.4	1413.7	1045.4	719.6	491.8	317.2	189.5	112.8	44.7	25.5	17.0
-7.5°	1733.1	1420.1	1015.6	709.0	485.4	308.7	191.6	110.7	49.0	27.7	17.0
-10°	1660.7	1349.8	977.2	689.8	472.7	302.3	195.9	110.7	51.1	27.7	17.0
-12.5°	1577.6	1264.7	930.4	662.1	457.8	295.9	198.0	110.7	53.2	29.8	17.0
-15°	1481.8	1177.4	877.2	632.3	436.5	287.4	193.7	108.6	55.4	29.8	19.2
-17.5°	1373.3	1092.2	821.8	596.1	413.0	276.8	185.2	106.5	55.4	29.8	19.2
-20°	1249.8	1007.1	760.1	559.9	385.4	264.0	176.7	102.2	55.4	29.8	19.2



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CATALOG NUMBER: IFLD-S-SA2E-940-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1139.1	928.3	696.2	519.5	355.6	249.1	166.1	97.9	55.4	31.9	19.2
-25°	1047.5	851.6	647.2	479.0	323.6	232.1	155.4	93.7	55.4	31.9	19.2
-27.5°	951.7	768.6	596.1	440.7	302.3	217.2	144.8	89.4	53.2	31.9	19.2
-30°	853.8	687.7	542.9	398.1	281.0	202.3	136.3	83.0	53.2	31.9	19.2
-32.5°	764.3	621.7	493.9	355.6	257.6	187.4	127.7	80.9	51.1	31.9	19.2
-35°	677.0	562.1	442.8	321.5	232.1	172.5	119.2	78.8	51.1	31.9	19.2
-37.5°	604.7	506.7	396.0	298.1	217.2	159.7	110.7	74.5	49.0	31.9	19.2
-40°	545.0	455.6	351.3	272.5	204.4	146.9	102.2	72.4	49.0	31.9	19.2
-42.5°	489.7	406.7	323.6	251.2	191.6	138.4	95.8	70.3	46.8	31.9	19.2
-45°	440.7	364.1	295.9	232.1	176.7	127.7	91.6	66.0	44.7	31.9	21.3
-47.5°	391.8	334.3	270.4	215.0	161.8	115.0	87.3	63.9	42.6	29.8	21.3
-50°	353.4	302.3	249.1	195.9	146.9	110.7	83.0	59.6	42.6	29.8	21.3
-52.5°	319.4	272.5	225.7	176.7	134.1	104.3	78.8	55.4	40.5	29.8	21.3
-55°	287.4	244.8	202.3	157.6	125.6	97.9	72.4	51.1	40.5	29.8	21.3
-57.5°	255.5	219.3	178.8	142.6	115.0	91.6	68.1	51.1	40.5	29.8	21.3
-60°	229.9	195.9	161.8	132.0	106.5	83.0	61.7	49.0	38.3	29.8	21.3
-62.5°	208.6	176.7	146.9	119.2	97.9	74.5	59.6	49.0	38.3	29.8	19.2
-65°	187.4	159.7	132.0	108.6	87.3	70.3	57.5	46.8	38.3	29.8	19.2
-67.5°	166.1	140.5	119.2	95.8	80.9	68.1	55.4	46.8	36.2	27.7	19.2
-70°	144.8	123.5	104.3	89.4	76.6	63.9	53.2	44.7	36.2	25.5	17.0
-72.5°	127.7	108.6	93.7	83.0	72.4	61.7	51.1	42.6	34.1	23.4	14.9
-75°	108.6	95.8	85.2	74.5	66.0	57.5	49.0	38.3	29.8	21.3	14.9
-77.5°	91.6	83.0	74.5	68.1	59.6	51.1	42.6	34.1	27.7	19.2	12.8
-80°	78.8	72.4	66.0	59.6	53.2	44.7	38.3	29.8	23.4	17.0	10.6
-82.5°	63.9	59.6	53.2	49.0	44.7	38.3	31.9	25.5	17.0	12.8	8.5
-85°	49.0	44.7	42.6	38.3	34.1	27.7	21.3	17.0	12.8	8.5	4.3
-87.5°	25.5	23.4	21.3	19.2	17.0	12.8	10.6	8.5	6.4	4.3	2.1
-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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CATALOG NUMBER: IFLD-S-SA2E-940-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°	2.1	0.0	0.0	0.0
77.5°	2.1	0.0	0.0	0.0
75°	2.1	2.1	0.0	0.0
72.5°	2.1	2.1	0.0	0.0
70°	2.1	2.1	0.0	0.0
67.5°	4.3	2.1	0.0	0.0
65°	4.3	2.1	0.0	0.0
62.5°	4.3	2.1	0.0	0.0
60°	4.3	2.1	0.0	0.0
57.5°	6.4	2.1	2.1	0.0
55°	6.4	2.1	2.1	0.0
52.5°	6.4	2.1	2.1	0.0
50°	6.4	4.3	2.1	0.0
47.5°	6.4	4.3	2.1	0.0
45°	6.4	4.3	2.1	0.0
42.5°	6.4	4.3	2.1	0.0
40°	8.5	4.3	2.1	0.0
37.5°	8.5	4.3	2.1	0.0
35°	8.5	4.3	2.1	0.0
32.5°	8.5	4.3	2.1	0.0
30°	8.5	4.3	2.1	0.0
27.5°	8.5	6.4	2.1	0.0
25°	8.5	6.4	2.1	0.0
22.5°	10.6	6.4	2.1	0.0
20°	10.6	6.4	2.1	0.0
17.5°	10.6	6.4	2.1	0.0
15°	10.6	6.4	2.1	0.0
12.5°	10.6	6.4	2.1	0.0
10°	10.6	6.4	2.1	0.0
7.5°	10.6	6.4	2.1	0.0
5°	10.6	6.4	2.1	0.0
2.5°	10.6	6.4	2.1	0.0
0°	10.6	6.4	2.1	0.0
-2.5°	10.6	6.4	2.1	0.0
-5°	10.6	6.4	2.1	0.0
-7.5°	10.6	6.4	2.1	0.0
-10°	10.6	6.4	2.1	0.0
-12.5°	12.8	6.4	2.1	0.0
-15°	12.8	6.4	2.1	0.0
-17.5°	12.8	6.4	2.1	0.0
-20°	12.8	6.4	2.1	0.0

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CATALOG NUMBER: IFLD-S-SA2E-940-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	12.8	6.4	2.1	0.0
-25°	12.8	6.4	2.1	0.0
-27.5°	12.8	6.4	2.1	0.0
-30°	12.8	6.4	2.1	0.0
-32.5°	12.8	6.4	2.1	0.0
-35°	12.8	6.4	2.1	0.0
-37.5°	12.8	6.4	2.1	0.0
-40°	12.8	6.4	2.1	0.0
-42.5°	10.6	6.4	2.1	0.0
-45°	12.8	6.4	2.1	0.0
-47.5°	12.8	6.4	2.1	0.0
-50°	12.8	6.4	2.1	0.0
-52.5°	12.8	6.4	2.1	0.0
-55°	12.8	6.4	2.1	0.0
-57.5°	12.8	6.4	2.1	0.0
-60°	12.8	6.4	2.1	0.0
-62.5°	10.6	6.4	2.1	0.0
-65°	10.6	4.3	2.1	0.0
-67.5°	10.6	4.3	2.1	0.0
-70°	10.6	4.3	2.1	0.0
-72.5°	8.5	4.3	2.1	0.0
-75°	8.5	4.3	2.1	0.0
-77.5°	6.4	2.1	0.0	0.0
-80°	6.4	2.1	0.0	0.0
-82.5°	4.3	2.1	0.0	0.0
-85°	2.1	2.1	0.0	0.0
-87.5°	2.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)