

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: P722658

Luminaire Tested: **IFLD-S-SA2D-930-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722658
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2D-930-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (32) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

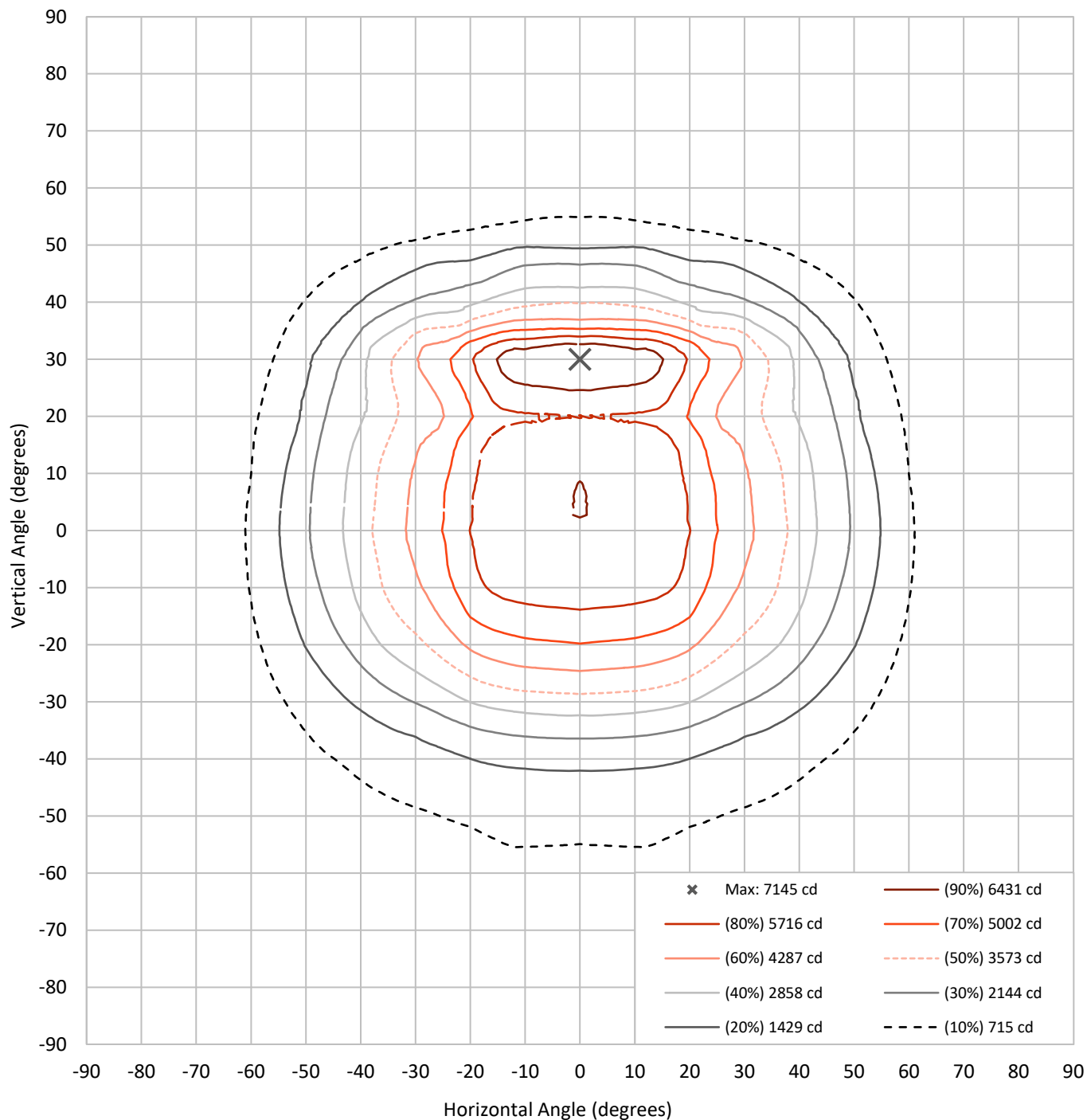
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	10234.8 lumens	Max Intensity:	7145 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	82.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	6529.3 lumens	Field Lumens:	9649.1 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	123.9		
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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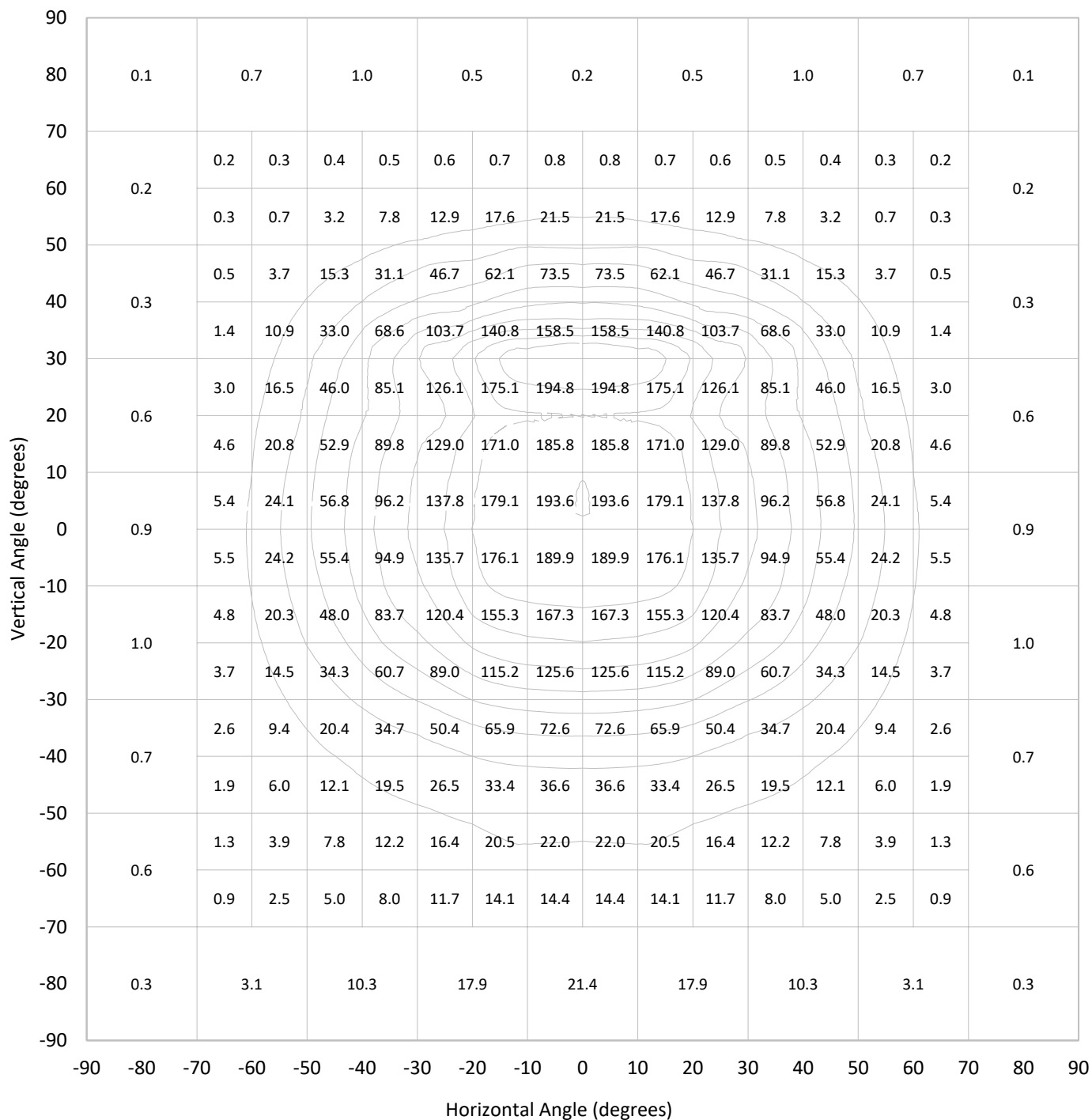
Iso-Candela Plot



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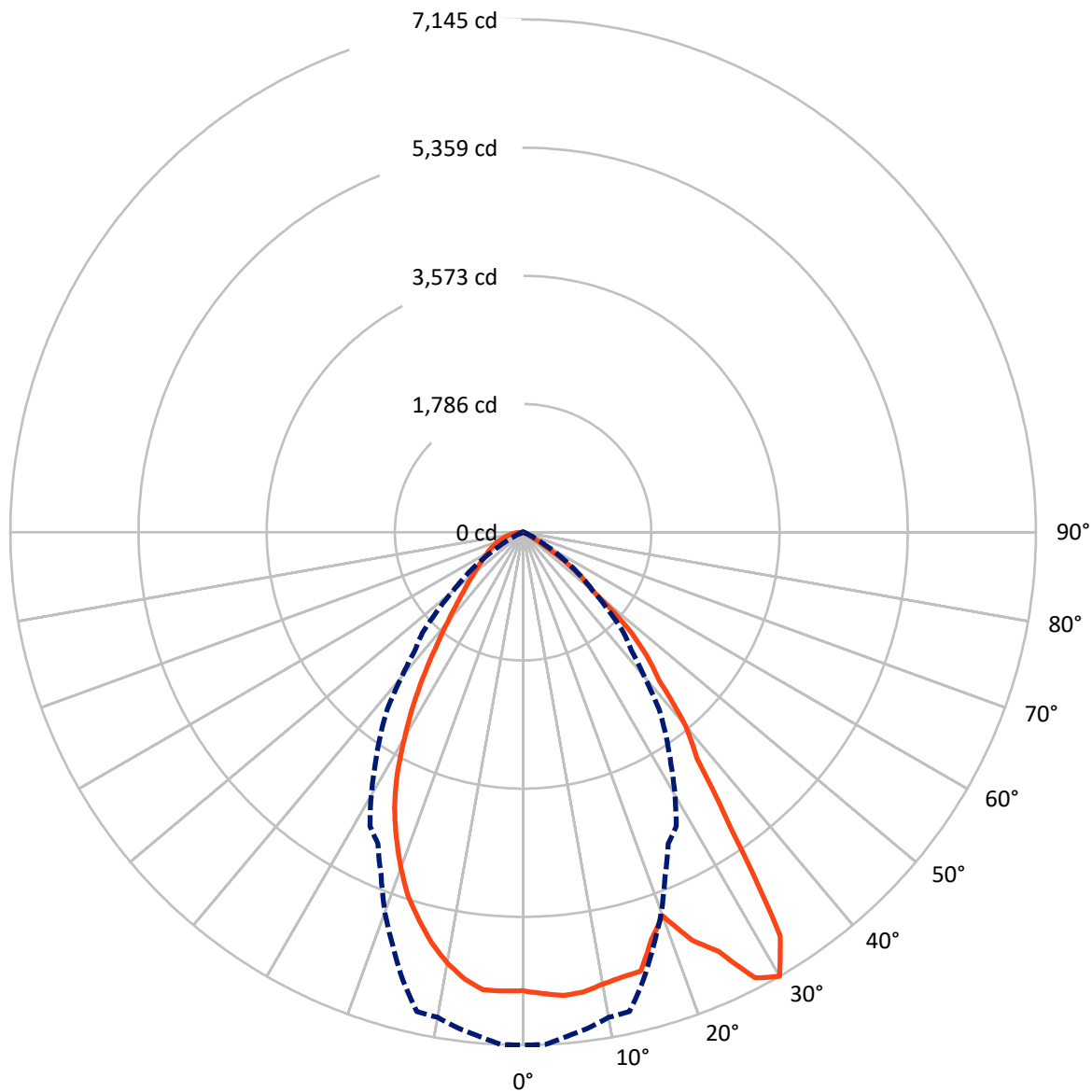
Lumen Table



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Luminous Intensity Polar Plot



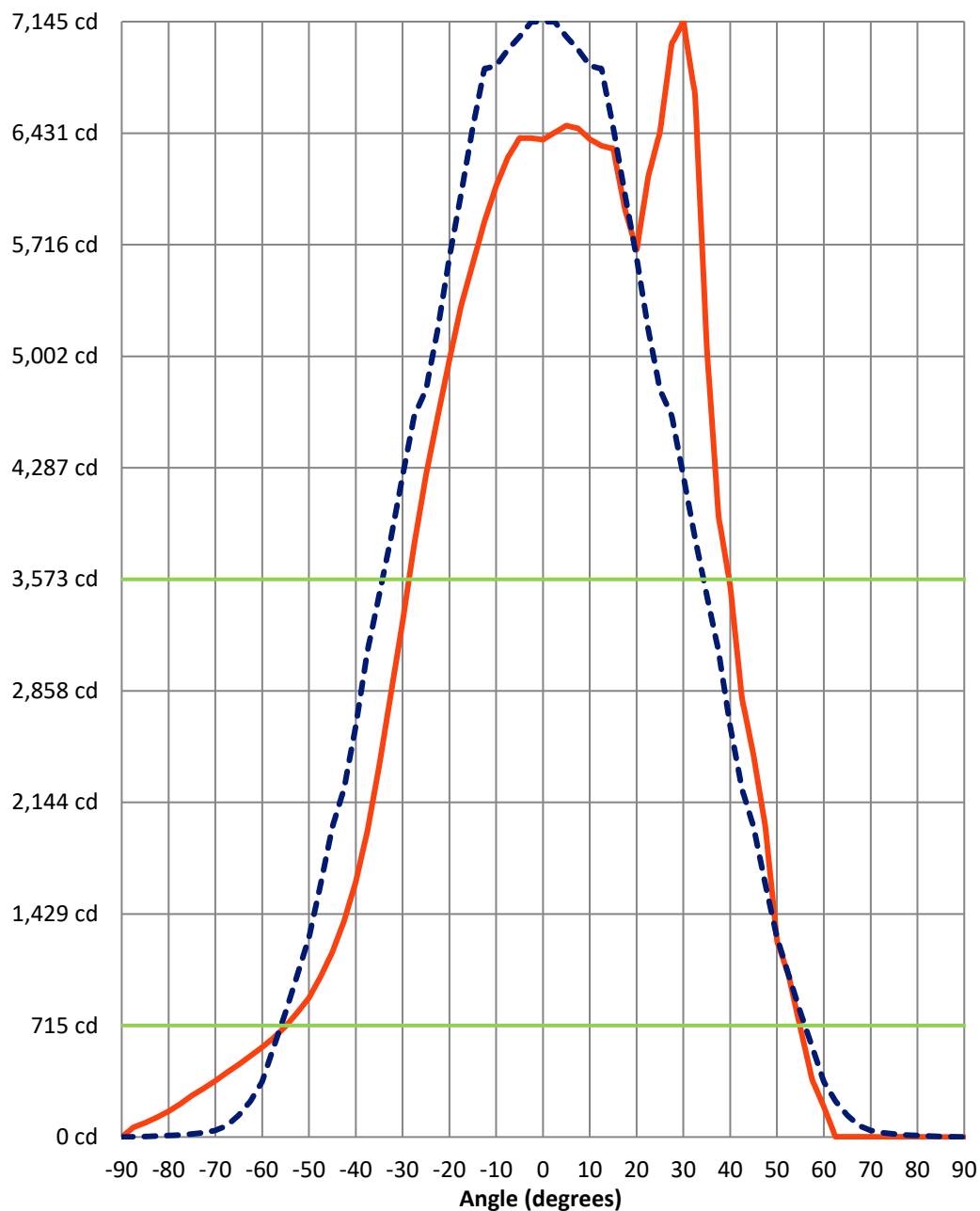
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 6529.3

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 9649.1

Efficiency: 94.3%

Spill:

Lumens: 585.7

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	3.3	3.3	3.3	3.3	3.3	3.3	4.9
82.5°	0.0	1.6	1.6	1.6	3.3	3.3	3.3	3.3	4.9	4.9	6.5
80°	1.6	1.6	1.6	1.6	3.3	3.3	3.3	4.9	4.9	6.5	6.5
77.5°	1.6	1.6	1.6	3.3	3.3	3.3	4.9	4.9	6.5	6.5	8.1
75°	1.6	1.6	1.6	3.3	3.3	4.9	4.9	4.9	6.5	6.5	8.1
72.5°	0.0	1.6	1.6	3.3	3.3	4.9	4.9	4.9	6.5	6.5	6.5
70°	1.6	1.6	1.6	3.3	3.3	4.9	4.9	4.9	6.5	6.5	6.5
67.5°	1.6	1.6	1.6	3.3	3.3	4.9	4.9	6.5	6.5	6.5	8.1
65°	1.6	1.6	1.6	3.3	4.9	4.9	6.5	8.1	8.1	9.8	11.4
62.5°	1.6	3.3	3.3	4.9	6.5	8.1	17.9	27.7	27.7	19.6	16.3
60°	193.9	210.2	208.6	189.0	164.6	138.5	133.6	128.7	118.9	104.3	109.2
57.5°	368.2	387.8	396.0	391.1	378.0	355.2	342.2	327.5	308.0	285.1	259.1
55°	697.4	705.5	687.6	653.4	615.9	578.4	565.4	545.9	516.5	487.2	448.1
52.5°	1031.4	1059.1	1051.0	1016.8	966.2	899.4	826.1	769.1	734.9	702.3	663.2
50°	1259.5	1271.0	1293.8	1334.5	1349.2	1303.5	1184.6	1031.4	922.3	977.7	935.3
47.5°	1987.9	2044.9	2033.5	2004.2	1955.3	1831.5	1665.3	1528.4	1414.3	1376.9	1383.4
45°	2442.5	2465.3	2457.2	2444.1	2421.3	2305.6	2121.5	1911.3	1805.4	1763.0	1719.0
42.5°	2815.6	2840.1	2845.0	2846.6	2822.2	2716.3	2550.0	2339.9	2233.9	2111.7	2015.6
40°	3527.7	3563.6	3522.8	3469.0	3387.6	3267.0	3104.1	2910.2	2722.8	2572.9	2458.8
37.5°	3982.3	4026.3	4042.6	4039.3	4021.4	3969.3	3768.9	3584.7	3298.0	2962.3	3022.6
35°	5061.0	5106.6	5093.6	5044.7	5018.6	4963.2	4767.7	4549.4	4189.3	3824.3	3726.5
32.5°	6669.2	6768.6	6582.9	6379.2	6253.7	6297.7	6098.9	5564.5	5398.3	4740.0	4435.3
30°	7145.0	7143.4	7048.9	6965.8	6863.1	6842.0	6467.2	6040.3	5632.9	5171.8	4787.2
27.5°	7000.0	6970.7	6890.8	6830.5	6734.4	6683.9	6317.3	5978.4	5507.5	5095.2	4723.7
25°	6441.1	6463.9	6382.5	6371.0	6333.6	6235.8	6053.3	5672.0	5251.6	4795.4	4528.2
22.5°	6152.7	6144.6	6046.8	5989.8	6035.4	5931.1	5857.8	5473.2	5034.9	4650.4	4329.4
20°	5683.4	5685.1	5660.6	5655.7	5628.0	5580.8	5522.1	5250.0	4940.4	4611.3	4225.1
17.5°	5945.8	6012.6	6041.9	5799.1	5867.6	5813.8	5751.9	5372.2	5139.2	4847.5	4344.0
15°	6330.3	6305.9	6276.5	6263.5	6226.0	6175.5	6063.1	5760.0	5359.2	5057.7	4665.0
12.5°	6349.9	6302.6	6291.2	6289.6	6250.5	6180.4	6071.2	5820.3	5465.1	5098.5	4779.1
10°	6392.2	6343.3	6336.8	6345.0	6284.7	6240.7	6131.5	5898.5	5497.7	5168.5	4867.1
7.5°	6460.7	6379.2	6416.7	6392.2	6364.5	6294.5	6177.1	5949.0	5616.6	5261.4	4945.3
5°	6478.6	6389.0	6429.7	6406.9	6366.2	6297.7	6170.6	5981.6	5689.9	5298.9	4976.3
2.5°	6434.6	6408.5	6390.6	6348.2	6330.3	6255.4	6134.8	5932.7	5655.7	5282.6	4969.7
0°	6389.0	6411.8	6371.0	6328.7	6320.5	6260.2	6157.6	5975.1	5735.6	5328.2	5025.1
-2.5°	6398.7	6380.8	6353.1	6309.1	6266.8	6180.4	6087.5	5916.4	5659.0	5228.8	4946.9
-5°	6398.7	6315.6	6318.9	6320.5	6278.2	6188.6	6076.1	5931.1	5613.4	5227.2	4924.1
-7.5°	6274.9	6203.2	6191.8	6182.0	6170.6	6087.5	5999.5	5818.7	5536.8	5184.8	4860.6
-10°	6092.4	6022.4	6028.9	6014.2	5978.4	5923.0	5856.2	5693.2	5461.8	5051.2	4731.8
-12.5°	5864.3	5833.3	5815.4	5791.0	5755.1	5706.2	5637.8	5484.6	5237.0	4886.6	4583.6
-15°	5593.8	5571.0	5554.7	5540.0	5487.9	5437.4	5347.8	5206.0	5051.2	4674.8	4365.2
-17.5°	5323.3	5266.3	5243.5	5223.9	5189.7	5108.2	5026.8	4920.9	4704.1	4406.0	4140.4
-20°	4976.3	4942.0	4914.3	4888.3	4839.4	4775.8	4709.0	4586.8	4399.4	4158.3	3882.9

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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°	4612.9	4593.3	4570.5	4537.9	4505.4	4445.1	4352.2	4234.9	4088.2	3827.5	3570.1
-25°	4238.1	4200.7	4173.0	4142.0	4115.9	4060.5	3970.9	3858.5	3674.4	3449.5	3234.4
-27.5°	3796.6	3760.7	3746.0	3710.2	3687.4	3636.9	3547.3	3443.0	3276.8	3087.8	2869.4
-30°	3298.0	3304.5	3288.2	3254.0	3226.3	3161.1	3092.6	3004.7	2874.3	2693.4	2497.9
-32.5°	2836.8	2845.0	2825.4	2789.6	2753.7	2706.5	2642.9	2563.1	2465.3	2292.6	2123.1
-35°	2375.7	2372.4	2356.1	2335.0	2310.5	2271.4	2199.7	2139.4	2027.0	1906.4	1789.1
-37.5°	1961.8	1970.0	1965.1	1953.7	1926.0	1893.4	1834.7	1779.3	1696.2	1590.3	1499.1
-40°	1634.3	1644.1	1637.6	1626.2	1601.7	1582.2	1543.1	1494.2	1427.4	1336.1	1259.5
-42.5°	1383.4	1389.9	1381.8	1372.0	1350.8	1336.1	1305.2	1264.4	1209.0	1139.0	1070.5
-45°	1184.6	1186.2	1178.1	1171.6	1155.3	1137.3	1111.3	1078.7	1034.7	985.8	930.4
-47.5°	1028.2	1026.5	1018.4	1011.9	998.8	982.5	961.4	932.0	897.8	860.3	816.3
-50°	891.3	899.4	896.2	889.7	879.9	868.5	847.3	816.3	782.1	754.4	723.5
-52.5°	796.8	798.4	796.8	796.8	795.2	787.0	762.6	731.6	694.1	669.7	643.6
-55°	708.8	716.9	720.2	723.5	725.1	725.1	695.8	663.2	627.3	602.9	583.3
-57.5°	637.1	642.0	645.3	653.4	659.9	664.8	638.7	609.4	581.7	558.9	541.0
-60°	575.2	581.7	586.6	594.7	599.6	602.9	586.6	567.0	550.7	536.1	510.0
-62.5°	519.8	524.7	529.6	534.5	539.3	542.6	536.1	526.3	518.2	511.6	479.1
-65°	464.4	469.3	474.2	480.7	485.6	488.8	487.2	480.7	474.2	467.6	438.3
-67.5°	413.9	418.8	425.3	426.9	430.2	431.8	428.5	423.7	415.5	407.4	384.5
-70°	360.1	363.4	366.6	366.6	366.6	365.0	361.7	355.2	347.1	335.7	317.7
-72.5°	311.2	314.5	317.7	312.8	309.6	304.7	299.8	291.7	283.5	275.4	265.6
-75°	265.6	267.2	267.2	260.7	255.8	250.9	244.4	239.5	231.4	224.9	216.7
-77.5°	211.8	211.8	211.8	206.9	203.7	200.4	195.5	190.6	184.1	179.2	172.7
-80°	164.6	164.6	164.6	162.9	158.1	154.8	151.5	148.3	143.4	140.1	136.9
-82.5°	125.5	125.5	125.5	123.8	120.6	118.9	115.7	112.4	110.8	107.5	105.9
-85°	91.2	92.9	92.9	91.2	89.6	86.4	84.7	83.1	81.5	79.8	76.6
-87.5°	61.9	61.9	61.9	60.3	58.7	58.7	57.0	53.8	50.5	48.9	47.3
-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°	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	9.8	9.8	11.4	11.4	11.4	11.4	11.4	11.4	11.4
80°	8.1	9.8	11.4	13.0	14.7	16.3	16.3	16.3	16.3	14.7	14.7
77.5°	9.8	9.8	11.4	13.0	14.7	16.3	17.9	19.6	17.9	17.9	17.9
75°	9.8	11.4	11.4	13.0	14.7	16.3	17.9	19.6	19.6	19.6	19.6
72.5°	8.1	9.8	11.4	13.0	13.0	14.7	16.3	16.3	17.9	17.9	19.6
70°	8.1	9.8	11.4	11.4	13.0	13.0	14.7	16.3	16.3	17.9	17.9
67.5°	9.8	11.4	11.4	13.0	14.7	14.7	14.7	16.3	16.3	17.9	17.9
65°	11.4	13.0	13.0	14.7	16.3	16.3	17.9	17.9	17.9	19.6	19.6
62.5°	19.6	19.6	19.6	17.9	19.6	19.6	19.6	21.2	21.2	19.6	21.2
60°	101.0	73.3	50.5	63.5	57.0	26.1	26.1	26.1	24.4	24.4	22.8
57.5°	237.9	221.6	190.6	161.3	145.0	128.7	79.8	32.6	32.6	29.3	26.1
55°	397.6	343.8	321.0	281.9	239.5	220.0	182.5	123.8	58.7	39.1	34.2
52.5°	615.9	565.4	506.8	426.9	369.9	324.3	293.3	233.0	156.4	83.1	52.1
50°	824.5	801.7	765.8	687.6	568.7	492.1	441.6	373.1	280.3	171.1	97.8
47.5°	1328.0	1137.3	1021.6	961.4	862.0	716.9	619.2	542.6	430.2	288.4	172.7
45°	1671.8	1551.2	1367.1	1240.0	1093.3	940.2	813.1	725.1	591.5	431.8	270.5
42.5°	1966.7	1862.4	1696.2	1510.5	1355.7	1155.3	992.3	876.6	764.2	589.9	404.1
40°	2346.4	2222.5	2062.9	1882.0	1701.1	1445.3	1181.3	1041.2	917.4	762.6	545.9
37.5°	2972.1	2753.7	2493.0	2292.6	2056.3	1839.6	1477.9	1230.2	1083.6	922.3	712.1
35°	3724.9	3485.3	3050.3	2784.7	2468.6	2146.0	1820.1	1453.4	1244.9	1073.8	865.2
32.5°	4425.5	4075.2	3517.9	3206.7	2996.5	2401.8	2064.5	1746.7	1411.1	1200.9	953.2
30°	4619.4	4233.2	3834.0	3470.7	3112.2	2631.5	2232.3	1984.6	1619.6	1277.5	1036.3
27.5°	4423.9	4158.3	3848.7	3511.4	3123.6	2711.4	2335.0	2098.7	1772.8	1329.6	1101.5
25°	4225.1	3948.1	3731.4	3449.5	3091.0	2706.5	2338.2	2170.4	1891.8	1430.6	1137.3
22.5°	4014.9	3842.2	3662.9	3348.5	3009.5	2721.1	2444.1	2232.3	1953.7	1544.7	1152.0
20°	4026.3	3913.9	3716.7	3296.3	2994.9	2807.5	2571.2	2310.5	2020.5	1644.1	1163.4
17.5°	4208.8	4062.2	3814.5	3449.5	3126.9	2895.5	2677.1	2418.1	2088.9	1732.1	1301.9
15°	4433.7	4210.4	3951.4	3630.4	3265.4	2991.6	2758.6	2493.0	2167.1	1813.5	1425.7
12.5°	4596.6	4278.9	4036.1	3746.0	3415.3	3095.9	2812.4	2550.0	2240.5	1880.4	1518.6
10°	4652.0	4363.6	4076.8	3817.7	3491.9	3151.3	2853.1	2585.9	2304.0	1932.5	1587.1
7.5°	4681.3	4436.9	4104.5	3850.3	3537.5	3185.5	2885.7	2605.4	2354.5	1968.3	1631.1
5°	4678.1	4476.0	4125.7	3860.1	3561.9	3200.2	2908.5	2610.3	2390.4	1999.3	1657.1
2.5°	4663.4	4502.1	4159.9	3876.4	3610.8	3227.9	2952.5	2620.1	2403.4	2033.5	1675.0
0°	4717.2	4503.7	4195.8	3881.3	3643.4	3237.7	2972.1	2612.0	2385.5	2043.3	1673.4
-2.5°	4601.5	4407.6	4187.6	3838.9	3599.4	3214.9	2936.2	2585.9	2346.4	2031.9	1666.9
-5°	4581.9	4337.5	4119.2	3799.8	3526.1	3167.6	2869.4	2537.0	2284.5	1994.4	1640.8
-7.5°	4529.8	4270.7	4052.4	3768.9	3457.6	3118.7	2805.9	2486.5	2217.6	1935.8	1603.4
-10°	4415.7	4168.1	3980.7	3702.1	3374.5	3048.7	2729.3	2419.7	2139.4	1855.9	1544.7
-12.5°	4252.8	4005.1	3819.4	3560.3	3270.3	2954.1	2638.0	2333.3	2049.8	1771.2	1474.6
-15°	4068.7	3817.7	3632.0	3395.7	3115.5	2807.5	2522.3	2224.2	1947.2	1681.6	1391.5
-17.5°	3860.1	3622.2	3443.0	3213.2	2934.6	2641.3	2357.8	2087.3	1828.2	1588.7	1295.4
-20°	3619.0	3387.6	3223.0	2993.3	2737.4	2452.3	2176.9	1921.1	1688.1	1463.2	1189.5

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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°	3320.8	3117.1	2929.7	2724.4	2501.2	2240.5	1984.6	1758.1	1534.9	1314.9	1080.3
-25°	3016.1	2818.9	2636.4	2449.0	2235.6	2010.7	1792.4	1587.1	1368.7	1169.9	974.4
-27.5°	2677.1	2501.2	2338.2	2165.5	1970.0	1776.1	1596.8	1396.4	1207.4	1037.9	870.1
-30°	2315.4	2172.0	2030.3	1877.1	1719.0	1556.1	1396.4	1207.4	1059.1	923.9	782.1
-32.5°	1968.3	1839.6	1725.6	1611.5	1474.6	1341.0	1199.3	1059.1	935.3	816.3	697.4
-35°	1663.6	1526.8	1463.2	1372.0	1262.8	1142.2	1026.5	928.8	829.4	721.8	615.9
-37.5°	1399.7	1311.7	1236.7	1168.3	1081.9	977.7	894.6	814.7	731.6	633.8	542.6
-40°	1192.7	1129.2	1054.2	1003.7	933.7	858.7	775.6	708.8	638.7	558.9	483.9
-42.5°	1026.5	974.4	925.5	871.7	819.6	756.1	684.4	620.8	557.3	498.6	436.7
-45°	889.7	852.2	813.1	769.1	723.5	668.1	609.4	544.2	498.6	446.5	394.3
-47.5°	777.2	749.5	716.9	682.7	643.6	594.7	541.0	493.7	446.5	402.5	352.0
-50°	687.6	661.5	635.5	606.1	571.9	529.6	488.8	444.8	400.8	358.5	311.2
-52.5°	612.7	589.9	568.7	544.2	511.6	475.8	438.3	399.2	358.5	316.1	278.6
-55°	560.5	534.5	513.3	488.8	459.5	425.3	391.1	355.2	316.1	283.5	252.6
-57.5°	518.2	488.8	464.4	438.3	409.0	379.7	348.7	316.1	286.8	255.8	226.5
-60°	482.3	448.1	420.4	394.3	366.6	338.9	312.8	285.1	257.4	229.7	200.4
-62.5°	444.8	409.0	374.8	350.3	329.1	304.7	281.9	255.8	231.4	203.7	182.5
-65°	402.5	368.2	335.7	314.5	294.9	273.7	252.6	229.7	208.6	187.4	167.8
-67.5°	355.2	325.9	303.1	283.5	264.0	246.0	226.5	206.9	189.0	167.8	148.3
-70°	298.2	281.9	268.9	254.2	236.3	220.0	202.0	184.1	164.6	146.6	128.7
-72.5°	254.2	244.4	234.6	220.0	203.7	189.0	174.3	158.1	141.8	125.5	110.8
-75°	208.6	200.4	192.3	182.5	169.5	158.1	145.0	130.4	117.3	105.9	94.5
-77.5°	167.8	161.3	156.4	148.3	138.5	128.7	120.6	110.8	101.0	89.6	78.2
-80°	133.6	130.4	128.7	125.5	117.3	109.2	102.7	94.5	84.7	76.6	68.4
-82.5°	104.3	104.3	102.7	101.0	94.5	88.0	83.1	76.6	70.1	63.5	55.4
-85°	76.6	75.0	75.0	73.3	68.4	65.2	60.3	57.0	52.1	45.6	42.4
-87.5°	45.6	44.0	42.4	40.7	37.5	35.8	32.6	31.0	27.7	24.4	22.8
-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-SA2D-930-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	3.3	3.3	3.3	3.3	3.3	1.6	1.6	1.6	1.6	1.6
82.5°	9.8	9.8	8.1	8.1	6.5	4.9	3.3	3.3	3.3	1.6	1.6
80°	14.7	14.7	14.7	13.0	11.4	8.1	6.5	4.9	3.3	1.6	1.6
77.5°	17.9	16.3	16.3	14.7	14.7	13.0	9.8	8.1	4.9	3.3	1.6
75°	17.9	17.9	17.9	16.3	16.3	14.7	13.0	9.8	8.1	4.9	3.3
72.5°	19.6	17.9	17.9	17.9	16.3	14.7	13.0	11.4	9.8	6.5	3.3
70°	17.9	17.9	17.9	17.9	16.3	16.3	13.0	11.4	11.4	6.5	4.9
67.5°	17.9	17.9	17.9	16.3	16.3	14.7	13.0	11.4	11.4	8.1	4.9
65°	19.6	17.9	17.9	17.9	16.3	14.7	13.0	11.4	11.4	9.8	6.5
62.5°	21.2	19.6	19.6	17.9	16.3	14.7	13.0	11.4	11.4	9.8	6.5
60°	22.8	21.2	19.6	19.6	17.9	16.3	13.0	13.0	11.4	9.8	6.5
57.5°	24.4	22.8	22.8	21.2	19.6	17.9	14.7	13.0	11.4	9.8	8.1
55°	29.3	26.1	24.4	24.4	22.8	19.6	16.3	13.0	11.4	9.8	8.1
52.5°	39.1	31.0	27.7	27.7	26.1	22.8	17.9	14.7	11.4	9.8	8.1
50°	61.9	39.1	32.6	29.3	29.3	26.1	21.2	16.3	11.4	9.8	8.1
47.5°	97.8	65.2	39.1	34.2	32.6	31.0	24.4	16.3	13.0	9.8	8.1
45°	161.3	96.1	63.5	40.7	34.2	32.6	27.7	17.9	13.0	11.4	8.1
42.5°	221.6	149.9	97.8	48.9	40.7	35.8	29.3	19.6	14.7	11.4	8.1
40°	348.7	205.3	136.9	79.8	47.3	37.5	32.6	22.8	14.7	11.4	8.1
37.5°	472.5	272.1	184.1	117.3	53.8	42.4	34.2	24.4	16.3	11.4	9.8
35°	596.4	381.3	228.1	156.4	71.7	50.5	35.8	26.1	16.3	11.4	9.8
32.5°	707.2	483.9	273.7	195.5	107.5	60.3	39.1	27.7	17.9	13.0	9.8
30°	798.4	578.4	355.2	229.7	140.1	73.3	42.4	27.7	19.6	13.0	9.8
27.5°	866.9	651.8	438.3	265.6	167.8	86.4	48.9	31.0	19.6	13.0	9.8
25°	922.3	708.8	511.6	303.1	192.3	107.5	58.7	32.6	21.2	14.7	9.8
22.5°	966.2	756.1	571.9	353.6	221.6	128.7	71.7	35.8	21.2	14.7	9.8
20°	1026.5	803.3	612.7	407.4	252.6	148.3	83.1	39.1	21.2	14.7	11.4
17.5°	1078.7	850.6	645.3	453.0	283.5	162.9	96.1	42.4	22.8	14.7	11.4
15°	1139.0	896.2	674.6	488.8	312.8	176.0	107.5	45.6	22.8	16.3	11.4
12.5°	1204.1	938.5	695.8	518.2	343.8	187.4	117.3	52.1	24.4	16.3	11.4
10°	1271.0	974.4	713.7	539.3	366.6	198.8	123.8	58.7	26.1	16.3	11.4
7.5°	1337.8	1007.0	736.5	549.1	376.4	211.8	127.1	65.2	26.1	17.9	11.4
5°	1383.4	1028.2	769.1	555.6	381.3	226.5	132.0	73.3	27.7	17.9	11.4
2.5°	1422.5	1041.2	803.3	560.5	382.9	234.6	130.4	78.2	29.3	17.9	11.4
0°	1440.4	1041.2	826.1	557.3	378.0	242.8	130.4	83.1	29.3	17.9	11.4
-2.5°	1412.7	1070.5	819.6	558.9	379.7	242.8	136.9	84.7	32.6	19.6	11.4
-5°	1368.7	1081.9	800.0	550.7	376.4	242.8	145.0	86.4	34.2	19.6	13.0
-7.5°	1326.4	1086.8	777.2	542.6	371.5	236.3	146.6	84.7	37.5	21.2	13.0
-10°	1271.0	1033.1	747.9	527.9	361.7	231.4	149.9	84.7	39.1	21.2	13.0
-12.5°	1207.4	967.9	712.1	506.8	350.3	226.5	151.5	84.7	40.7	22.8	13.0
-15°	1134.1	901.1	671.3	483.9	334.0	220.0	148.3	83.1	42.4	22.8	14.7
-17.5°	1051.0	835.9	629.0	456.2	316.1	211.8	141.8	81.5	42.4	22.8	14.7
-20°	956.5	770.7	581.7	428.5	294.9	202.0	135.2	78.2	42.4	22.8	14.7

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CATALOG NUMBER: IFLD-S-SA2D-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	871.7	710.4	532.8	397.6	272.1	190.6	127.1	75.0	42.4	24.4	14.7
-25°	801.7	651.8	495.3	366.6	247.7	177.6	118.9	71.7	42.4	24.4	14.7
-27.5°	728.4	588.2	456.2	337.3	231.4	166.2	110.8	68.4	40.7	24.4	14.7
-30°	653.4	526.3	415.5	304.7	215.1	154.8	104.3	63.5	40.7	24.4	14.7
-32.5°	585.0	475.8	378.0	272.1	197.2	143.4	97.8	61.9	39.1	24.4	14.7
-35°	518.2	430.2	338.9	246.0	177.6	132.0	91.2	60.3	39.1	24.4	14.7
-37.5°	462.8	387.8	303.1	228.1	166.2	122.2	84.7	57.0	37.5	24.4	14.7
-40°	417.1	348.7	268.9	208.6	156.4	112.4	78.2	55.4	37.5	24.4	14.7
-42.5°	374.8	311.2	247.7	192.3	146.6	105.9	73.3	53.8	35.8	24.4	14.7
-45°	337.3	278.6	226.5	177.6	135.2	97.8	70.1	50.5	34.2	24.4	16.3
-47.5°	299.8	255.8	206.9	164.6	123.8	88.0	66.8	48.9	32.6	22.8	16.3
-50°	270.5	231.4	190.6	149.9	112.4	84.7	63.5	45.6	32.6	22.8	16.3
-52.5°	244.4	208.6	172.7	135.2	102.7	79.8	60.3	42.4	31.0	22.8	16.3
-55°	220.0	187.4	154.8	120.6	96.1	75.0	55.4	39.1	31.0	22.8	16.3
-57.5°	195.5	167.8	136.9	109.2	88.0	70.1	52.1	39.1	31.0	22.8	16.3
-60°	176.0	149.9	123.8	101.0	81.5	63.5	47.3	37.5	29.3	22.8	16.3
-62.5°	159.7	135.2	112.4	91.2	75.0	57.0	45.6	37.5	29.3	22.8	14.7
-65°	143.4	122.2	101.0	83.1	66.8	53.8	44.0	35.8	29.3	22.8	14.7
-67.5°	127.1	107.5	91.2	73.3	61.9	52.1	42.4	35.8	27.7	21.2	14.7
-70°	110.8	94.5	79.8	68.4	58.7	48.9	40.7	34.2	27.7	19.6	13.0
-72.5°	97.8	83.1	71.7	63.5	55.4	47.3	39.1	32.6	26.1	17.9	11.4
-75°	83.1	73.3	65.2	57.0	50.5	44.0	37.5	29.3	22.8	16.3	11.4
-77.5°	70.1	63.5	57.0	52.1	45.6	39.1	32.6	26.1	21.2	14.7	9.8
-80°	60.3	55.4	50.5	45.6	40.7	34.2	29.3	22.8	17.9	13.0	8.1
-82.5°	48.9	45.6	40.7	37.5	34.2	29.3	24.4	19.6	13.0	9.8	6.5
-85°	37.5	34.2	32.6	29.3	26.1	21.2	16.3	13.0	9.8	6.5	3.3
-87.5°	19.6	17.9	16.3	14.7	13.0	9.8	8.1	6.5	4.9	3.3	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-SA2D-930-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°	3.3	1.6	0.0	0.0
65°	3.3	1.6	0.0	0.0
62.5°	3.3	1.6	0.0	0.0
60°	3.3	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	3.3	1.6	0.0
47.5°	4.9	3.3	1.6	0.0
45°	4.9	3.3	1.6	0.0
42.5°	4.9	3.3	1.6	0.0
40°	6.5	3.3	1.6	0.0
37.5°	6.5	3.3	1.6	0.0
35°	6.5	3.3	1.6	0.0
32.5°	6.5	3.3	1.6	0.0
30°	6.5	3.3	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°	9.8	4.9	1.6	0.0
-15°	9.8	4.9	1.6	0.0
-17.5°	9.8	4.9	1.6	0.0
-20°	9.8	4.9	1.6	0.0

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CATALOG NUMBER: IFLD-S-SA2D-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	9.8	4.9	1.6	0.0
-25°	9.8	4.9	1.6	0.0
-27.5°	9.8	4.9	1.6	0.0
-30°	9.8	4.9	1.6	0.0
-32.5°	9.8	4.9	1.6	0.0
-35°	9.8	4.9	1.6	0.0
-37.5°	9.8	4.9	1.6	0.0
-40°	9.8	4.9	1.6	0.0
-42.5°	8.1	4.9	1.6	0.0
-45°	9.8	4.9	1.6	0.0
-47.5°	9.8	4.9	1.6	0.0
-50°	9.8	4.9	1.6	0.0
-52.5°	9.8	4.9	1.6	0.0
-55°	9.8	4.9	1.6	0.0
-57.5°	9.8	4.9	1.6	0.0
-60°	9.8	4.9	1.6	0.0
-62.5°	8.1	4.9	1.6	0.0
-65°	8.1	3.3	1.6	0.0
-67.5°	8.1	3.3	1.6	0.0
-70°	8.1	3.3	1.6	0.0
-72.5°	6.5	3.3	1.6	0.0
-75°	6.5	3.3	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°	3.3	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)