

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: P722192

Luminaire Tested: **IFLD-S-SA2B-830-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722192
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2B-830-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (32) 3000K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

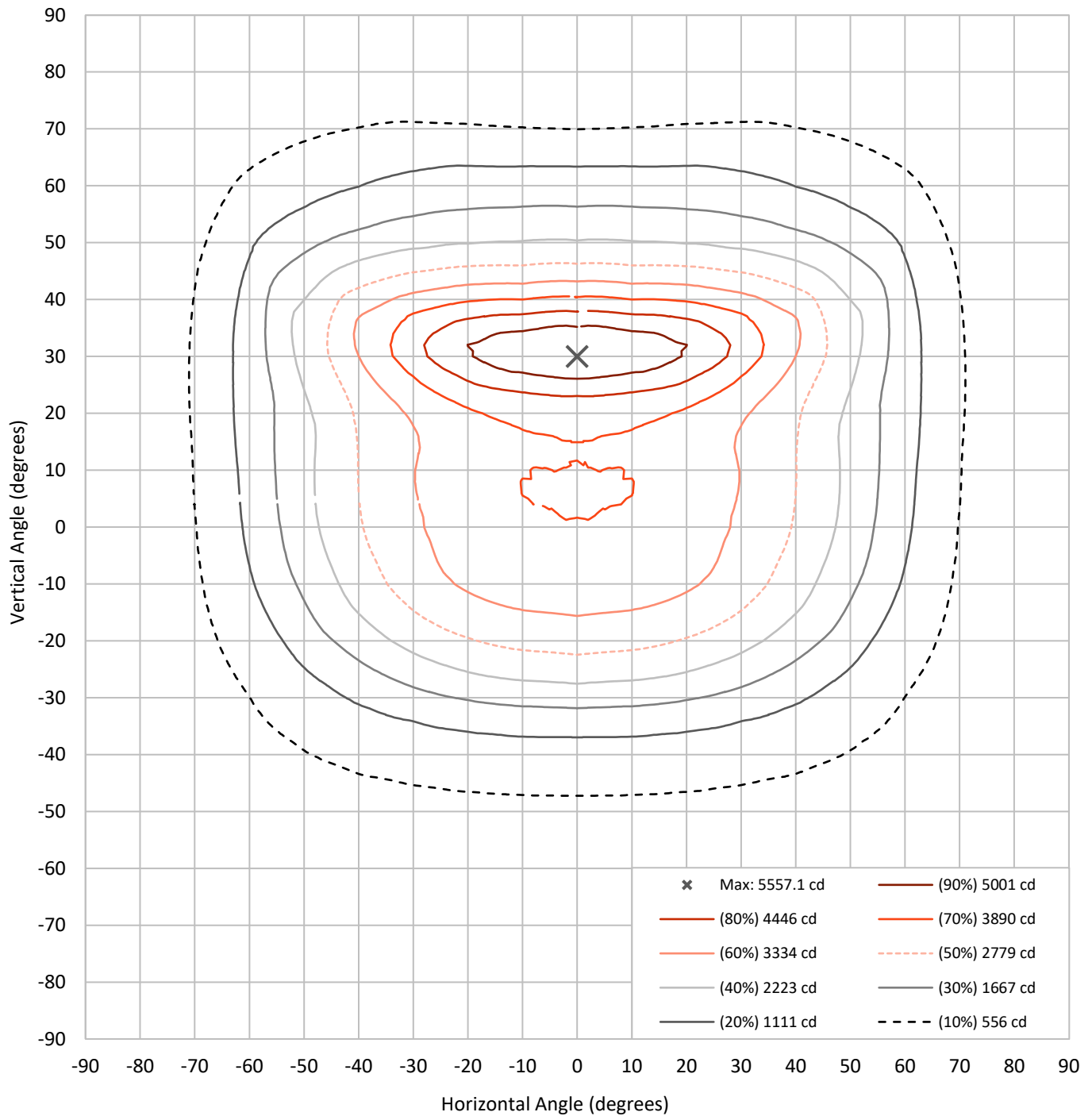
Lumens per Lamp: N/A	NEMA Type: 7H x 6V
Luminaire Lumens: 9276.2 lumens	Max Intensity: 5557.1 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 30°V
Efficacy: 112.6 lumens/watt	
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')	
Beam Angle (50%): 90.8°H x 68.8°V	Field Angle (10%): 142°H x 117.1°V
Beam Lumens: 5394.2 lumens	Field Lumens: 8693 lumens
Beam Efficiency: 58.2%	Field Efficiency: 93.7%

Input Watts (W): 82.4
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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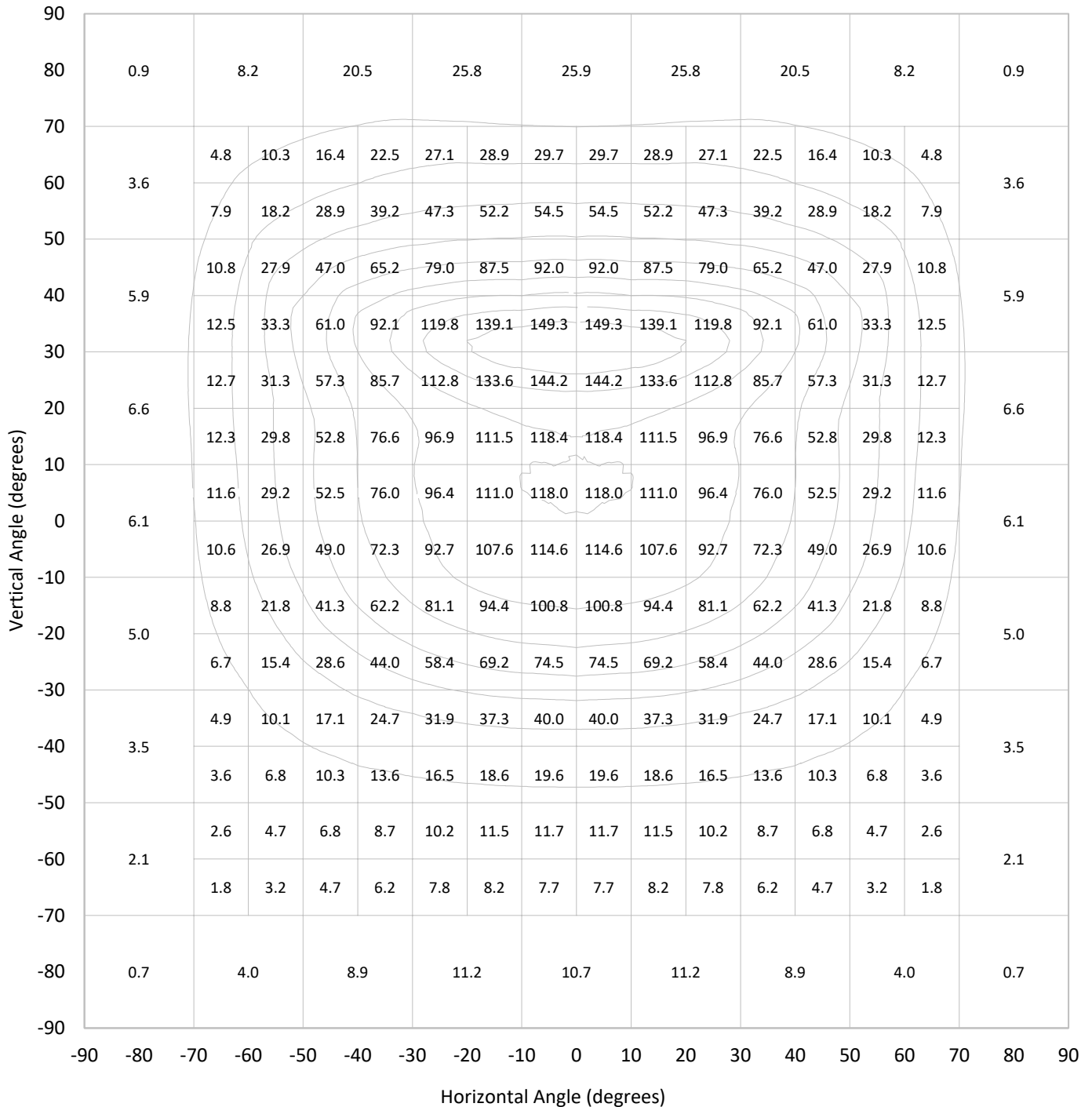
Iso-Candela Plot





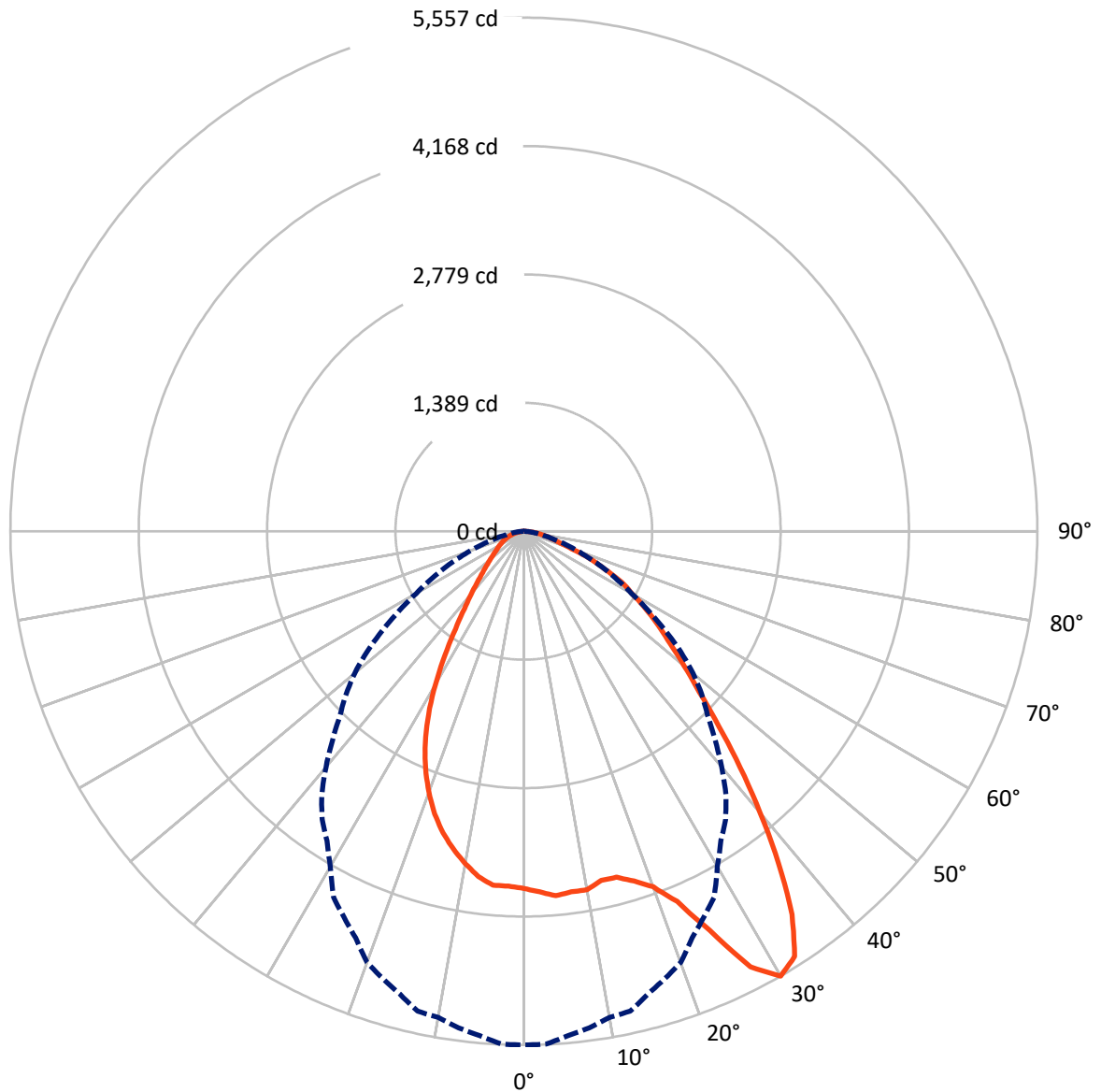
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Lumen Table



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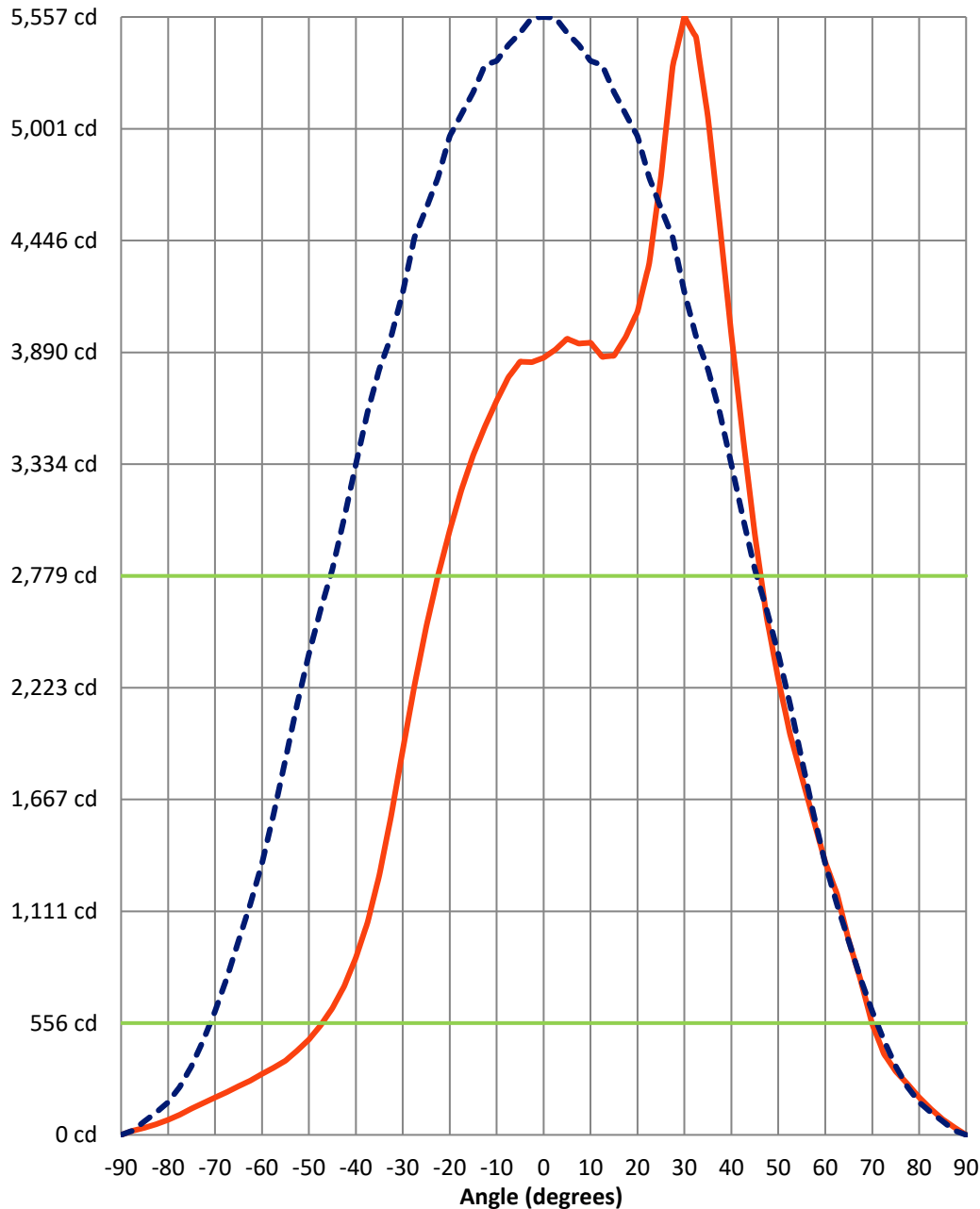
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 5394.2
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 8693
 Efficiency: 93.7%

Spill:
 Lumens: 583.2
 Efficiency: 6.3%

— 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°	37.3	38.3	39.3	39.3	38.3	38.3	38.3	37.3	38.3	38.3	38.3
85°	77.6	79.6	81.6	80.6	79.6	77.6	75.7	76.7	77.6	78.6	78.6
82.5°	128.7	131.7	133.6	132.7	130.7	128.7	126.8	127.8	129.7	130.7	130.7
80°	186.7	187.7	188.7	190.6	187.7	187.7	186.7	190.6	192.6	194.6	196.5
77.5°	253.5	254.5	254.5	255.5	256.5	257.5	257.5	264.3	269.3	272.2	275.2
75°	316.4	319.4	322.3	325.3	329.2	331.2	334.1	343.9	351.8	357.7	363.6
72.5°	402.9	406.8	411.7	418.6	425.5	430.4	437.3	449.1	457.9	463.8	470.7
70°	551.3	555.2	560.1	565.0	571.9	576.8	583.7	598.5	607.3	611.2	615.2
67.5°	771.4	781.2	790.1	780.3	775.3	768.5	770.4	784.2	793.0	798.9	797.9
65°	967.0	973.8	973.8	972.9	968.9	960.1	965.0	981.7	991.5	996.5	981.7
62.5°	1196.9	1196.9	1192.0	1199.9	1200.9	1195.0	1192.0	1193.0	1194.0	1196.9	1172.4
60°	1356.1	1365.9	1368.9	1375.8	1377.7	1377.7	1382.6	1386.6	1386.6	1380.7	1352.2
57.5°	1566.4	1585.1	1589.0	1584.1	1574.3	1561.5	1559.5	1553.6	1541.8	1530.1	1516.3
55°	1778.7	1788.5	1787.5	1784.6	1774.7	1760.0	1762.0	1754.1	1735.4	1720.7	1702.0
52.5°	1991.9	2015.5	2019.4	2013.5	1999.8	1984.1	1985.0	1976.2	1957.5	1941.8	1916.3
50°	2264.1	2283.8	2281.8	2272.0	2252.3	2240.5	2241.5	2224.8	2203.2	2198.3	2164.9
47.5°	2575.6	2598.2	2594.3	2580.6	2554.0	2549.1	2554.0	2532.4	2519.6	2508.8	2469.5
45°	2984.4	3011.0	2996.2	2969.7	2927.4	2932.4	2939.2	2935.3	2907.8	2879.3	2829.2
42.5°	3464.0	3480.7	3463.0	3436.5	3383.4	3393.2	3389.3	3365.7	3349.0	3301.8	3238.0
40°	3977.0	4013.3	3985.8	3944.5	3889.5	3904.2	3893.4	3863.0	3823.7	3764.7	3684.1
37.5°	4530.2	4558.7	4527.3	4479.1	4430.0	4425.1	4403.4	4356.3	4300.3	4235.4	4106.7
35°	5059.9	5133.6	5075.6	4999.0	4939.0	4916.4	4895.8	4786.7	4722.8	4617.7	4441.8
32.5°	5453.9	5508.0	5436.3	5356.7	5283.9	5252.5	5179.8	5050.1	5015.7	4794.6	4633.4
30°	5557.1	5553.2	5478.5	5417.6	5339.0	5317.3	5183.7	5073.6	4963.6	4759.2	4605.9
27.5°	5311.5	5286.9	5215.1	5162.1	5084.5	5058.9	4927.2	4868.3	4698.3	4525.3	4395.6
25°	4764.1	4776.9	4722.8	4696.3	4645.2	4590.2	4538.1	4458.5	4352.3	4201.0	4082.1
22.5°	4332.7	4349.4	4326.8	4295.3	4256.0	4225.6	4186.3	4124.4	4022.2	3928.8	3816.8
20°	4092.9	4088.0	4068.3	4044.8	4007.4	3985.8	3942.6	3890.5	3811.9	3731.3	3610.4
17.5°	3967.1	3936.7	3918.0	3909.2	3889.5	3862.0	3810.9	3757.8	3696.9	3605.5	3517.1
15°	3873.8	3878.7	3863.9	3857.1	3841.3	3803.0	3750.9	3707.7	3625.2	3579.0	3498.4
12.5°	3867.9	3863.0	3863.9	3861.0	3841.3	3792.2	3765.7	3710.6	3657.6	3596.7	3504.3
10°	3937.6	3885.6	3889.5	3903.3	3871.8	3832.5	3804.0	3744.1	3693.9	3616.3	3524.9
7.5°	3933.7	3907.2	3915.0	3892.4	3902.3	3854.1	3814.8	3754.9	3692.0	3609.4	3526.9
5°	3957.3	3917.0	3910.1	3912.1	3887.5	3851.2	3798.1	3741.1	3682.1	3589.8	3505.3
2.5°	3903.3	3909.2	3877.7	3865.9	3863.0	3802.0	3752.9	3697.9	3636.9	3555.4	3479.7
0°	3863.0	3873.8	3841.3	3824.6	3823.7	3771.6	3740.1	3677.2	3634.0	3566.2	3474.8
-2.5°	3841.3	3854.1	3858.1	3827.6	3798.1	3757.8	3704.8	3636.9	3566.2	3487.6	3409.0
-5°	3843.3	3817.8	3807.0	3816.8	3791.2	3750.9	3692.0	3632.0	3562.3	3477.7	3379.5
-7.5°	3765.7	3740.1	3738.2	3733.2	3727.4	3689.0	3639.9	3575.0	3504.3	3425.7	3334.3
-10°	3649.7	3631.0	3626.1	3621.2	3605.5	3582.9	3536.7	3477.7	3413.9	3335.3	3238.0
-12.5°	3521.0	3512.1	3493.5	3480.7	3465.0	3438.4	3394.2	3340.2	3276.3	3206.5	3123.0
-15°	3378.5	3361.8	3343.1	3332.3	3309.7	3278.3	3234.0	3183.9	3114.2	3045.4	2966.7
-17.5°	3206.5	3185.9	3165.3	3162.3	3146.6	3098.4	3057.2	2996.2	2935.3	2869.5	2792.8
-20°	3004.1	2975.6	2961.8	2954.0	2932.4	2897.0	2852.8	2796.7	2737.8	2674.9	2586.4



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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°	2780.0	2755.5	2731.9	2717.1	2698.5	2671.0	2628.7	2579.6	2521.6	2450.8	2369.3
-25°	2525.5	2491.1	2476.4	2459.7	2449.9	2424.3	2383.0	2337.8	2277.9	2209.1	2131.5
-27.5°	2234.6	2207.1	2199.3	2175.7	2163.9	2137.4	2103.0	2060.7	2005.7	1940.8	1876.9
-30°	1913.3	1896.6	1883.8	1860.2	1851.4	1822.9	1800.3	1764.9	1714.8	1668.6	1617.5
-32.5°	1583.1	1566.4	1562.5	1551.7	1545.8	1527.1	1501.6	1476.0	1435.7	1401.3	1360.0
-35°	1290.3	1278.5	1279.5	1278.5	1272.6	1258.8	1227.4	1220.5	1191.0	1159.6	1133.0
-37.5°	1056.4	1057.4	1056.4	1055.4	1047.6	1041.7	1019.1	1010.2	992.5	962.1	946.3
-40°	880.5	882.5	881.5	879.5	870.7	867.7	853.0	841.2	834.3	812.7	796.0
-42.5°	738.0	741.0	740.0	739.0	733.1	732.1	724.2	710.5	706.6	693.8	676.1
-45°	629.9	628.9	627.0	628.9	626.0	623.0	618.1	609.3	604.4	598.5	583.7
-47.5°	544.4	545.4	543.4	543.4	539.5	536.6	534.6	528.7	524.8	519.8	511.0
-50°	473.7	477.6	476.6	475.6	472.7	470.7	470.7	464.8	458.9	457.0	451.1
-52.5°	418.6	421.6	422.6	424.5	425.5	426.5	423.5	417.6	407.8	406.8	403.9
-55°	368.5	377.4	383.3	387.2	391.1	394.1	388.2	380.3	370.5	366.5	365.6
-57.5°	334.1	343.0	349.8	355.7	360.6	365.6	359.7	351.8	343.0	338.0	337.1
-60°	302.7	310.5	317.4	325.3	332.2	340.0	337.1	331.2	326.3	322.3	318.4
-62.5°	269.3	277.1	285.0	294.8	303.7	311.5	312.5	311.5	310.5	311.5	304.6
-65°	241.7	245.7	250.6	261.4	271.2	280.1	285.0	287.9	292.8	297.8	290.9
-67.5°	212.3	217.2	223.1	230.9	238.8	244.7	251.6	259.4	267.3	275.2	270.2
-70°	185.7	189.7	194.6	198.5	203.4	207.3	213.2	222.1	230.9	238.8	236.8
-72.5°	158.2	162.1	165.1	167.1	170.0	172.0	174.9	182.8	188.7	192.6	192.6
-75°	130.7	134.6	137.6	138.6	140.5	141.5	143.5	146.4	149.4	150.4	151.3
-77.5°	100.2	104.2	107.1	109.1	111.0	113.0	114.0	116.0	116.9	116.9	117.9
-80°	74.7	77.6	79.6	82.5	83.5	85.5	87.5	88.4	89.4	89.4	90.4
-82.5°	53.1	55.0	57.0	59.0	60.9	61.9	63.9	64.9	65.8	66.8	67.8
-85°	35.4	37.3	39.3	41.3	42.3	43.2	44.2	45.2	46.2	47.2	48.2
-87.5°	20.6	21.6	22.6	24.6	25.6	27.5	28.5	27.5	28.5	28.5	28.5
-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°	38.3	38.3	38.3	38.3	37.3	35.4	34.4	32.4	30.5	28.5	26.5
85°	79.6	80.6	80.6	80.6	78.6	77.6	74.7	71.7	67.8	61.9	57.0
82.5°	132.7	133.6	133.6	132.7	130.7	127.8	123.8	118.9	111.0	103.2	96.3
80°	199.5	200.5	200.5	199.5	194.6	189.7	184.7	178.9	169.0	158.2	146.4
77.5°	279.1	281.1	281.1	278.1	271.2	265.3	257.5	247.6	232.9	217.2	201.5
75°	371.5	376.4	377.4	374.4	365.6	354.8	342.0	325.3	302.7	283.0	264.3
72.5°	478.6	483.5	487.4	483.5	470.7	456.0	437.3	417.6	395.0	368.5	337.1
70°	619.1	624.0	627.0	614.2	591.6	567.0	544.4	521.8	495.3	462.8	428.5
67.5°	796.0	791.1	785.2	759.6	731.1	701.6	670.2	636.8	602.4	568.0	527.7
65°	966.0	952.2	939.5	909.0	872.6	834.3	797.9	760.6	719.3	676.1	637.8
62.5°	1144.8	1115.4	1083.9	1046.6	1009.2	967.0	930.6	886.4	840.2	787.1	738.0
60°	1320.7	1285.4	1253.9	1207.7	1158.6	1101.6	1062.3	1019.1	965.0	908.0	850.0
57.5°	1490.7	1452.4	1418.0	1377.7	1324.7	1262.8	1219.5	1163.5	1106.5	1034.8	975.8
55°	1671.6	1633.2	1605.7	1560.5	1502.5	1445.5	1398.4	1339.4	1259.8	1183.2	1110.4
52.5°	1878.9	1848.4	1819.0	1772.8	1703.0	1645.0	1592.9	1527.1	1443.6	1349.2	1261.8
50°	2110.8	2095.1	2063.7	2009.6	1930.0	1878.9	1810.1	1722.7	1633.2	1534.0	1424.9
47.5°	2418.4	2392.9	2348.6	2289.7	2222.9	2146.2	2053.8	1951.6	1824.9	1714.8	1598.8
45°	2785.9	2738.8	2681.8	2602.2	2519.6	2433.1	2331.9	2202.2	2032.2	1888.7	1766.9
42.5°	3183.9	3120.0	3042.4	2938.3	2831.1	2725.0	2615.9	2439.0	2226.8	2061.7	1924.1
40°	3599.6	3518.0	3420.8	3269.4	3150.5	3013.9	2889.1	2624.8	2398.8	2219.9	2073.5
37.5°	4006.4	3903.3	3740.1	3556.4	3417.8	3305.8	3031.6	2748.6	2546.2	2349.6	2201.2
35°	4318.0	4230.5	3942.6	3751.9	3633.0	3456.1	3113.2	2823.3	2609.0	2445.9	2215.0
32.5°	4502.7	4276.7	4024.1	3831.5	3733.2	3443.4	3119.1	2844.9	2638.5	2455.7	2179.6
30°	4461.4	4188.2	3967.1	3806.0	3592.7	3332.3	3064.0	2811.5	2611.0	2389.9	2140.3
27.5°	4212.8	4001.5	3804.0	3636.0	3426.6	3192.8	2945.1	2723.0	2536.3	2322.1	2086.3
25°	3931.8	3740.1	3593.7	3447.3	3248.8	3025.7	2807.6	2647.4	2459.7	2248.4	2015.5
22.5°	3673.3	3535.7	3420.8	3267.5	3073.9	2879.3	2743.7	2577.6	2385.0	2170.8	1942.8
20°	3508.2	3414.9	3283.2	3114.2	2961.8	2840.0	2689.6	2513.7	2315.2	2091.2	1880.9
17.5°	3428.6	3320.5	3174.1	3064.0	2947.1	2813.4	2645.4	2458.7	2247.4	2054.8	1887.8
15°	3387.3	3273.3	3177.0	3068.9	2937.3	2796.7	2610.0	2416.4	2247.4	2069.6	1892.7
12.5°	3396.2	3297.9	3192.8	3074.8	2933.3	2783.0	2614.0	2434.1	2259.2	2080.4	1893.6
10°	3423.7	3320.5	3208.5	3077.8	2935.3	2786.9	2624.8	2444.9	2265.1	2085.3	1891.7
7.5°	3433.5	3321.5	3201.6	3069.9	2930.4	2785.0	2626.7	2447.9	2266.1	2084.3	1885.8
5°	3403.1	3301.8	3185.9	3053.2	2916.6	2775.1	2618.9	2444.0	2258.2	2074.5	1871.0
2.5°	3361.8	3280.2	3169.2	3041.4	2902.9	2761.4	2606.1	2426.3	2240.5	2056.8	1852.4
0°	3354.9	3253.7	3141.7	3027.7	2880.3	2730.9	2576.6	2392.9	2208.1	2023.4	1819.9
-2.5°	3309.7	3202.6	3090.6	2966.7	2837.0	2686.7	2524.5	2344.7	2161.9	1980.1	1784.6
-5°	3275.3	3156.4	3037.5	2903.9	2773.2	2622.8	2454.8	2279.8	2101.0	1924.1	1735.4
-7.5°	3229.1	3107.3	2982.5	2842.9	2701.4	2548.1	2382.0	2207.1	2031.2	1855.3	1674.5
-10°	3135.8	3028.7	2911.7	2767.3	2617.9	2464.6	2299.5	2127.5	1951.6	1773.8	1592.0
-12.5°	3022.8	2909.8	2782.0	2649.3	2515.7	2373.2	2208.1	2039.1	1862.2	1683.4	1502.5
-15°	2876.3	2765.3	2634.6	2504.9	2376.2	2239.6	2094.1	1941.8	1762.0	1586.1	1405.3
-17.5°	2693.6	2589.4	2472.5	2348.6	2220.9	2083.3	1941.8	1813.1	1645.0	1479.9	1301.1
-20°	2497.0	2399.7	2294.6	2177.6	2049.9	1915.3	1781.6	1647.0	1501.6	1356.1	1190.0



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 CATALOG NUMBER: IFLD-S-SA2B-830-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	2292.6	2194.4	2088.2	1979.1	1861.2	1736.4	1612.6	1483.9	1356.1	1224.4	1083.9
-25°	2056.8	1970.3	1873.0	1766.9	1661.7	1552.7	1434.7	1317.8	1208.7	1094.7	979.7
-27.5°	1810.1	1730.5	1642.1	1549.7	1459.3	1367.9	1265.7	1157.6	1067.2	972.9	877.5
-30°	1550.7	1486.8	1415.1	1334.5	1264.7	1191.0	1105.5	1016.1	933.6	861.8	785.2
-32.5°	1305.0	1251.0	1199.9	1146.8	1078.0	1021.0	962.1	896.2	823.5	755.7	700.7
-35°	1093.7	1035.8	1014.1	974.8	925.7	875.6	832.3	785.2	730.1	670.2	625.0
-37.5°	915.9	881.5	851.0	829.4	797.0	756.7	722.3	687.9	645.6	600.4	555.2
-40°	777.3	753.7	720.3	709.5	688.9	661.4	626.0	599.4	570.9	536.6	498.2
-42.5°	666.3	648.6	627.0	608.3	599.4	579.8	552.3	526.7	504.1	480.5	451.1
-45°	574.9	563.1	549.3	532.6	525.7	510.0	490.4	461.9	449.1	429.4	407.8
-47.5°	501.2	495.3	485.5	474.6	464.8	453.0	435.3	417.6	400.0	387.2	370.5
-50°	443.2	439.3	433.4	424.5	411.7	403.9	392.1	376.4	359.7	348.9	337.1
-52.5°	397.0	393.1	389.1	382.3	372.4	364.6	354.8	342.0	328.2	317.4	307.6
-55°	361.6	355.7	352.8	346.9	339.0	330.2	321.3	312.5	300.7	290.9	281.1
-57.5°	334.1	326.3	322.3	317.4	309.5	300.7	293.8	285.0	277.1	266.3	257.5
-60°	312.5	303.7	295.8	290.9	284.0	275.2	268.3	261.4	253.5	244.7	233.9
-62.5°	294.8	284.0	273.2	267.3	260.4	252.6	245.7	238.8	230.9	222.1	212.3
-65°	278.1	265.3	251.6	245.7	238.8	230.9	222.1	217.2	210.3	202.4	192.6
-67.5°	257.5	243.7	231.9	225.0	218.2	211.3	203.4	198.5	191.6	181.8	172.0
-70°	227.0	218.2	210.3	204.4	198.5	192.6	184.7	176.9	169.0	160.2	151.3
-72.5°	188.7	185.7	184.7	181.8	174.9	168.0	160.2	152.3	145.4	138.6	131.7
-75°	152.3	154.3	156.2	155.3	148.4	141.5	134.6	127.8	122.8	116.9	111.0
-77.5°	120.9	122.8	124.8	124.8	119.9	116.0	111.0	106.1	102.2	97.3	91.4
-80°	93.4	96.3	99.3	101.2	97.3	94.3	90.4	86.5	82.5	78.6	74.7
-82.5°	70.8	73.7	76.7	78.6	75.7	73.7	70.8	67.8	64.9	60.9	58.0
-85°	51.1	53.1	55.0	56.0	54.0	52.1	50.1	48.2	46.2	43.2	41.3
-87.5°	29.5	30.5	31.4	32.4	30.5	28.5	27.5	25.6	24.6	22.6	21.6
-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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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°	24.6	22.6	20.6	19.7	17.7	14.7	12.8	10.8	8.8	6.9	5.9
85°	52.1	47.2	41.3	38.3	34.4	30.5	26.5	22.6	18.7	14.7	10.8
82.5°	89.4	83.5	77.6	70.8	61.9	51.1	40.3	33.4	27.5	21.6	16.7
80°	134.6	123.8	114.0	105.1	95.3	81.6	66.8	53.1	37.3	28.5	21.6
77.5°	186.7	173.9	160.2	145.4	129.7	111.0	94.3	76.7	58.0	39.3	27.5
75°	245.7	229.0	210.3	189.7	169.0	144.5	120.9	100.2	78.6	55.0	33.4
72.5°	311.5	290.9	268.3	240.8	208.3	179.8	151.3	123.8	98.3	69.8	45.2
70°	396.0	363.6	330.2	300.7	259.4	214.2	180.8	149.4	116.9	85.5	57.0
67.5°	486.4	447.1	406.8	363.6	311.5	258.4	210.3	174.9	136.6	100.2	67.8
65°	584.7	535.6	484.5	436.3	364.6	301.7	247.6	199.5	155.3	114.0	78.6
62.5°	685.9	627.9	569.0	506.1	423.5	345.9	283.0	227.0	173.0	126.8	88.4
60°	794.0	726.2	654.5	575.9	479.6	394.1	316.4	255.5	191.6	139.5	99.3
57.5°	908.0	834.3	749.8	643.7	537.5	440.2	354.8	281.1	208.3	151.3	107.1
55°	1031.8	947.3	854.9	714.4	594.5	486.4	393.1	306.6	226.0	161.2	115.0
52.5°	1165.5	1067.2	950.3	789.1	654.5	533.6	428.5	329.2	242.7	172.0	121.9
50°	1314.8	1191.0	1033.8	857.9	706.6	577.8	463.8	353.8	256.5	183.8	127.8
47.5°	1470.1	1336.5	1108.5	921.8	759.6	621.1	500.2	375.4	270.2	193.6	133.6
45°	1632.3	1437.7	1186.1	978.8	805.8	660.4	527.7	395.0	286.9	202.4	138.6
42.5°	1792.4	1514.3	1253.9	1035.8	849.0	695.7	550.3	413.7	300.7	211.3	143.5
40°	1868.1	1572.3	1308.0	1075.1	885.4	727.2	570.0	430.4	312.5	217.2	148.4
37.5°	1899.5	1607.7	1343.3	1112.4	913.9	743.9	586.7	445.2	322.3	223.1	152.3
35°	1906.4	1620.5	1361.0	1138.0	937.5	759.6	599.4	456.0	330.2	229.0	156.2
32.5°	1893.6	1616.5	1365.9	1146.8	952.2	771.4	608.3	463.8	336.1	234.9	160.2
30°	1865.2	1595.9	1348.3	1145.8	963.0	778.3	614.2	469.7	342.0	238.8	162.1
27.5°	1819.0	1559.5	1325.7	1146.8	968.9	781.2	617.1	472.7	345.9	241.7	166.1
25°	1762.0	1510.4	1326.6	1144.8	969.9	782.2	617.1	472.7	346.9	242.7	169.0
22.5°	1696.1	1510.4	1326.6	1141.9	964.0	780.3	614.2	470.7	346.9	244.7	172.0
20°	1700.1	1511.4	1323.7	1136.0	955.2	774.4	607.3	465.8	343.9	247.6	173.9
17.5°	1703.0	1509.4	1317.8	1128.1	943.4	764.5	598.5	458.9	343.9	250.6	174.9
15°	1703.0	1503.5	1308.9	1116.3	928.6	750.8	585.7	453.0	344.9	251.6	176.9
12.5°	1700.1	1492.7	1295.2	1100.6	911.0	734.1	577.8	451.1	344.9	252.6	176.9
10°	1694.2	1478.0	1277.5	1081.0	894.3	728.2	573.9	447.1	343.0	252.6	176.9
7.5°	1683.4	1460.3	1262.8	1069.2	884.4	721.3	568.0	441.2	340.0	250.6	178.9
5°	1666.6	1450.5	1251.0	1055.4	870.7	716.4	564.1	436.3	338.0	250.6	176.9
2.5°	1645.0	1438.7	1237.2	1037.7	854.9	699.7	551.3	425.5	331.2	246.7	174.9
0°	1609.7	1415.1	1213.6	1013.2	833.3	683.0	538.5	414.7	324.3	242.7	173.0
-2.5°	1577.2	1383.6	1183.2	987.6	812.7	668.2	528.7	408.8	321.3	241.7	172.0
-5°	1532.0	1340.4	1142.9	954.2	785.2	653.5	518.9	401.9	318.4	239.8	172.0
-7.5°	1481.9	1295.2	1100.6	919.8	757.7	627.9	500.2	391.1	311.5	235.8	171.0
-10°	1404.3	1227.4	1047.6	880.5	728.2	605.3	484.5	381.3	305.6	231.9	167.1
-12.5°	1321.7	1152.7	986.6	832.3	694.8	581.8	466.8	370.5	298.7	228.0	165.1
-15°	1234.3	1076.0	922.7	782.2	658.4	553.3	448.1	358.7	291.9	223.1	162.1
-17.5°	1142.9	995.5	856.9	731.1	622.0	523.8	428.5	347.9	284.0	218.2	159.2
-20°	1046.6	912.9	790.1	679.0	583.7	494.3	407.8	335.1	275.2	212.3	155.3



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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	951.2	831.4	721.3	627.9	544.4	463.8	387.2	322.3	265.3	205.4	152.3
-25°	866.7	754.7	660.4	578.8	506.1	434.4	365.6	309.5	254.5	198.5	148.4
-27.5°	784.2	688.9	600.4	532.6	468.7	405.9	344.9	295.8	243.7	190.6	144.5
-30°	707.5	626.0	553.3	487.4	433.4	380.3	327.2	282.0	231.9	182.8	139.5
-32.5°	637.8	571.9	511.0	448.1	400.0	354.8	310.5	268.3	220.1	174.9	134.6
-35°	572.9	521.8	468.7	415.7	366.5	331.2	292.8	253.5	209.3	166.1	129.7
-37.5°	514.9	473.7	431.4	386.2	343.9	308.6	276.1	238.8	198.5	158.2	124.8
-40°	464.8	431.4	394.1	357.7	322.3	288.9	259.4	224.1	187.7	152.3	119.9
-42.5°	418.6	393.1	362.6	332.2	300.7	271.2	242.7	208.3	176.9	145.4	115.0
-45°	383.3	357.7	333.1	305.6	279.1	253.5	225.0	194.6	167.1	137.6	110.1
-47.5°	349.8	327.2	304.6	282.0	260.4	236.8	208.3	182.8	156.2	130.7	106.1
-50°	320.4	298.7	279.1	259.4	240.8	218.2	191.6	171.0	147.4	123.8	101.2
-52.5°	292.8	274.2	254.5	238.8	223.1	200.5	178.9	159.2	138.6	116.0	96.3
-55°	268.3	250.6	232.9	218.2	203.4	183.8	166.1	149.4	129.7	110.1	91.4
-57.5°	244.7	230.0	213.2	199.5	184.7	169.0	154.3	138.6	120.9	104.2	86.5
-60°	223.1	209.3	194.6	180.8	168.0	155.3	141.5	128.7	113.0	97.3	81.6
-62.5°	201.5	189.7	176.9	163.1	153.3	141.5	130.7	117.9	105.1	91.4	72.7
-65°	181.8	171.0	159.2	147.4	138.6	129.7	119.9	108.1	97.3	84.5	64.9
-67.5°	162.1	152.3	142.5	132.7	124.8	117.9	108.1	99.3	90.4	76.7	57.0
-70°	143.5	135.6	126.8	118.9	113.0	105.1	98.3	90.4	82.5	66.8	48.2
-72.5°	125.8	117.9	111.0	105.1	100.2	93.4	87.5	81.6	70.8	56.0	40.3
-75°	105.1	100.2	96.3	91.4	86.5	81.6	76.7	69.8	59.0	45.2	31.4
-77.5°	86.5	83.5	80.6	76.7	72.7	68.8	62.9	56.0	47.2	35.4	25.6
-80°	70.8	67.8	65.8	61.9	59.0	55.0	49.1	43.2	34.4	27.5	20.6
-82.5°	54.0	52.1	50.1	48.2	45.2	41.3	35.4	30.5	25.6	20.6	15.7
-85°	38.3	37.3	35.4	33.4	30.5	27.5	23.6	20.6	17.7	13.8	10.8
-87.5°	19.7	18.7	17.7	16.7	15.7	13.8	11.8	9.8	8.8	6.9	4.9
-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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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	3.9	2.9	1.0	0.0
85°	7.9	4.9	2.0	0.0
82.5°	11.8	7.9	2.9	0.0
80°	15.7	9.8	4.9	0.0
77.5°	19.7	11.8	5.9	0.0
75°	23.6	14.7	6.9	0.0
72.5°	26.5	16.7	7.9	0.0
70°	31.4	19.7	8.8	0.0
67.5°	39.3	21.6	9.8	0.0
65°	46.2	23.6	10.8	0.0
62.5°	54.0	25.6	11.8	0.0
60°	60.9	27.5	12.8	0.0
57.5°	67.8	32.4	13.8	0.0
55°	73.7	36.4	14.7	0.0
52.5°	80.6	40.3	15.7	0.0
50°	86.5	44.2	16.7	0.0
47.5°	91.4	48.2	16.7	0.0
45°	95.3	51.1	17.7	0.0
42.5°	98.3	54.0	18.7	0.0
40°	101.2	57.0	19.7	0.0
37.5°	104.2	59.9	19.7	0.0
35°	107.1	62.9	20.6	0.0
32.5°	110.1	65.8	20.6	0.0
30°	112.0	67.8	21.6	0.0
27.5°	115.0	69.8	21.6	0.0
25°	116.0	71.7	22.6	0.0
22.5°	117.9	72.7	22.6	0.0
20°	119.9	74.7	22.6	0.0
17.5°	120.9	75.7	23.6	0.0
15°	120.9	76.7	24.6	0.0
12.5°	121.9	77.6	24.6	0.0
10°	121.9	79.6	23.6	0.0
7.5°	123.8	78.6	23.6	0.0
5°	122.8	78.6	23.6	0.0
2.5°	121.9	77.6	23.6	0.0
0°	120.9	77.6	23.6	0.0
-2.5°	120.9	77.6	23.6	0.0
-5°	120.9	77.6	23.6	0.0
-7.5°	119.9	78.6	23.6	0.0
-10°	117.9	78.6	23.6	0.0
-12.5°	116.9	75.7	23.6	0.0
-15°	116.0	74.7	23.6	0.0
-17.5°	114.0	73.7	22.6	0.0
-20°	112.0	72.7	22.6	0.0



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CATALOG NUMBER: IFLD-S-SA2B-830-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	110.1	70.8	22.6	0.0
-25°	108.1	68.8	21.6	0.0
-27.5°	106.1	66.8	21.6	0.0
-30°	103.2	64.9	20.6	0.0
-32.5°	100.2	62.9	20.6	0.0
-35°	98.3	59.9	19.7	0.0
-37.5°	95.3	57.0	19.7	0.0
-40°	92.4	54.0	18.7	0.0
-42.5°	89.4	51.1	17.7	0.0
-45°	85.5	48.2	17.7	0.0
-47.5°	82.5	45.2	16.7	0.0
-50°	77.6	41.3	15.7	0.0
-52.5°	71.7	37.3	14.7	0.0
-55°	65.8	34.4	13.8	0.0
-57.5°	59.9	30.5	13.8	0.0
-60°	54.0	26.5	12.8	0.0
-62.5°	48.2	24.6	11.8	0.0
-65°	42.3	22.6	10.8	0.0
-67.5°	35.4	19.7	9.8	0.0
-70°	29.5	17.7	8.8	0.0
-72.5°	25.6	15.7	7.9	0.0
-75°	21.6	13.8	6.9	0.0
-77.5°	18.7	11.8	5.9	0.0
-80°	14.7	8.8	3.9	0.0
-82.5°	10.8	6.9	2.9	0.0
-85°	6.9	4.9	2.0	0.0
-87.5°	3.9	2.0	1.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)