

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: P722223

Luminaire Tested: **IFLD-S-SA2D-927-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722223
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2D-927-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (32) 2700K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

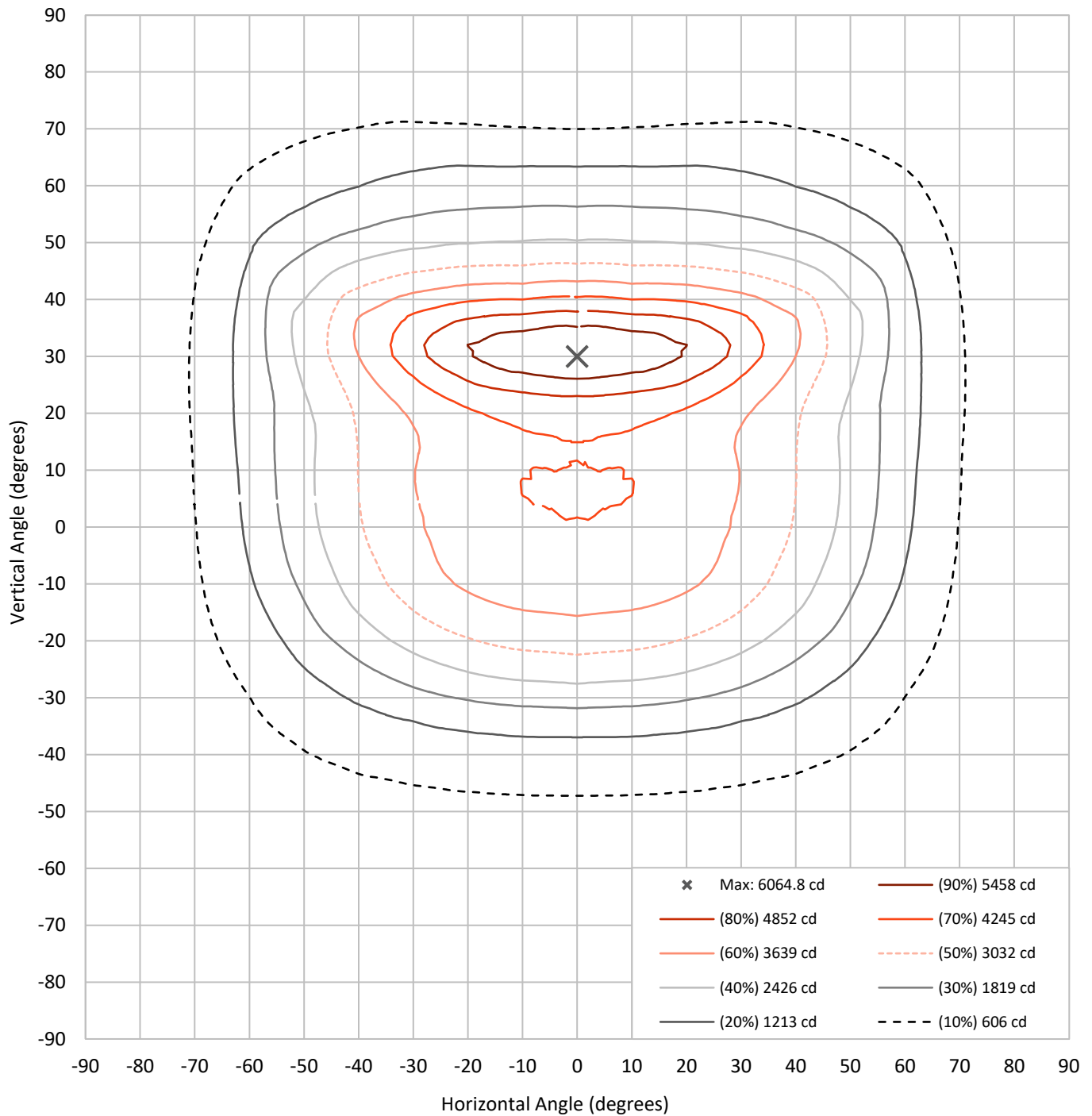
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	10123.7 lumens	Max Intensity:	6064.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	81.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	5887 lumens	Field Lumens:	9487.2 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

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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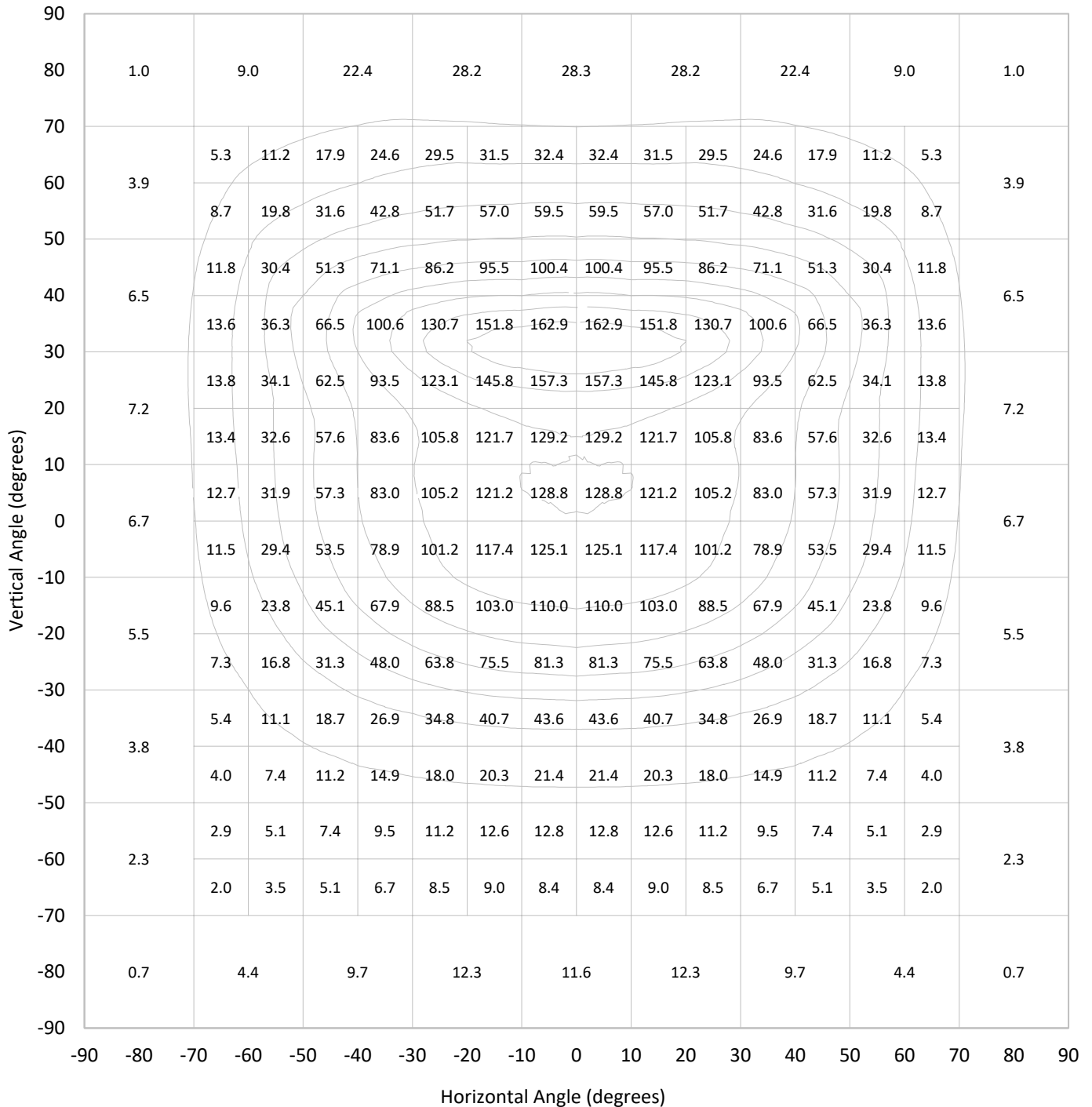
Iso-Candela Plot





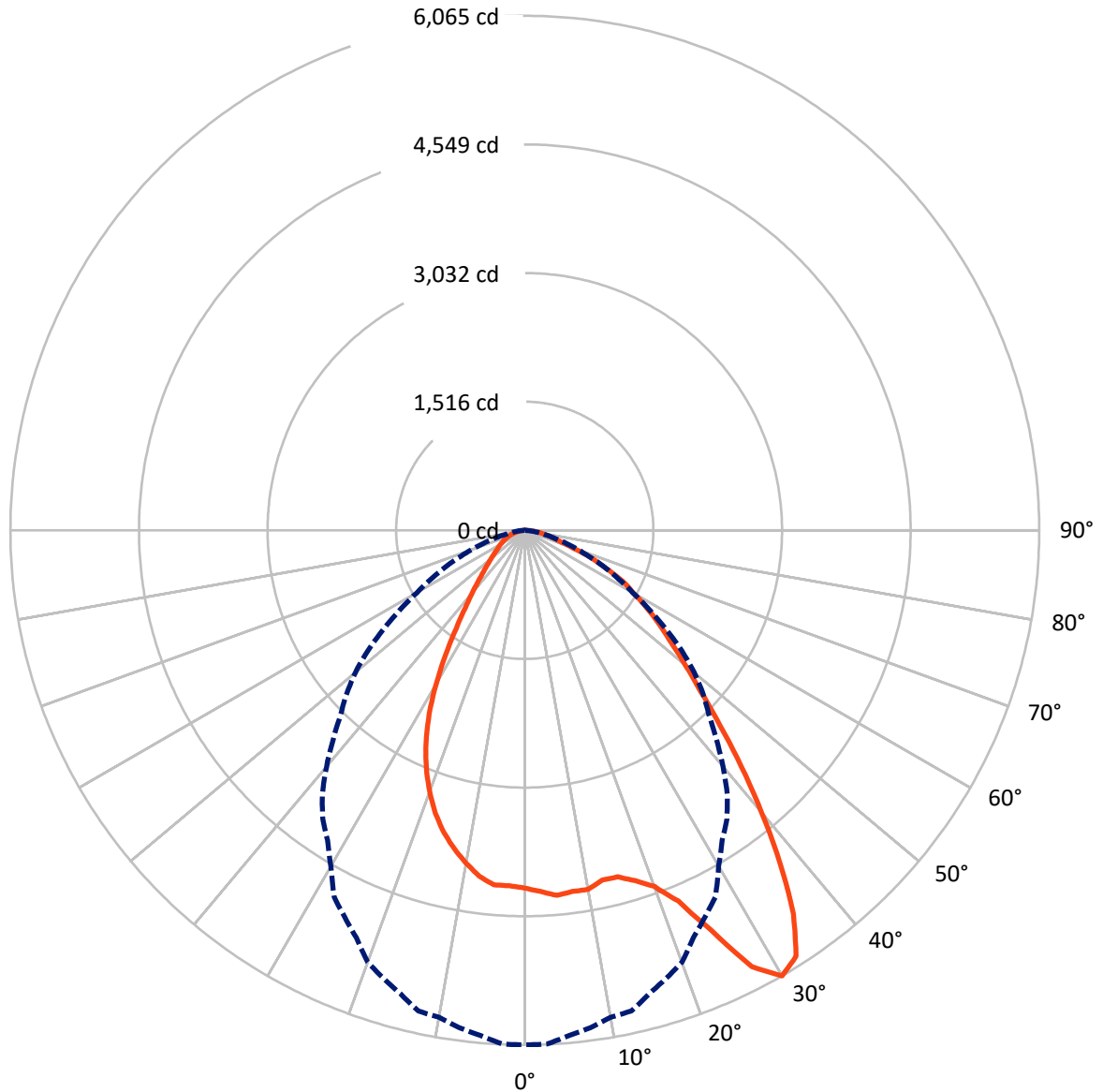
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Lumen Table



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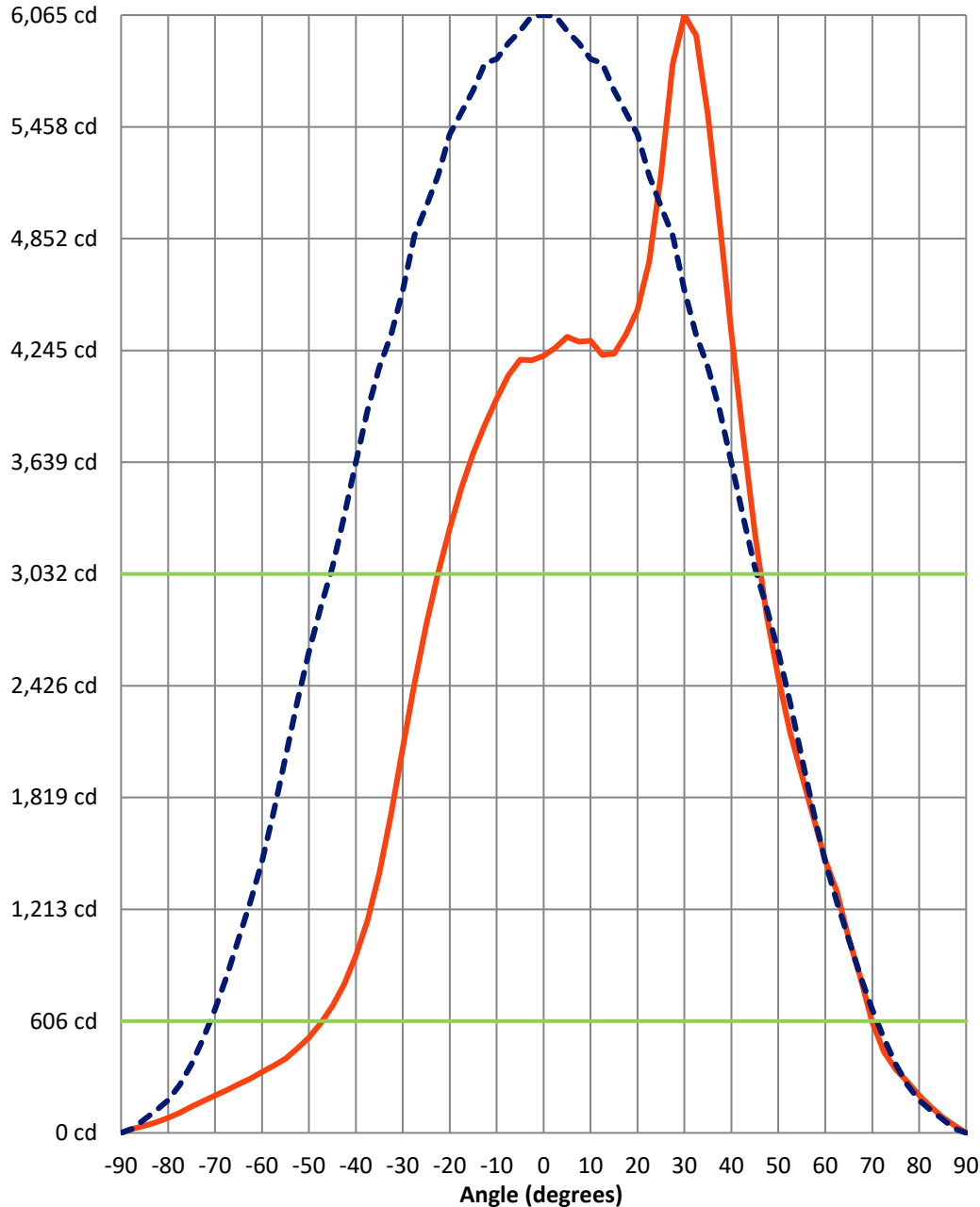
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 5887
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 9487.2
 Efficiency: 93.7%

Spill:
 Lumens: 636.5
 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°	40.8	41.8	42.9	42.9	41.8	41.8	41.8	40.8	41.8	41.8	41.8
85°	84.7	86.9	89.0	87.9	86.9	84.7	82.6	83.7	84.7	85.8	85.8
82.5°	140.5	143.7	145.9	144.8	142.6	140.5	138.3	139.4	141.6	142.6	142.6
80°	203.8	204.8	205.9	208.1	204.8	204.8	203.8	208.1	210.2	212.3	214.5
77.5°	276.7	277.8	277.8	278.8	279.9	281.0	281.0	288.5	293.9	297.1	300.3
75°	345.3	348.6	351.8	355.0	359.3	361.4	364.6	375.4	383.9	390.4	396.8
72.5°	439.7	444.0	449.4	456.9	464.4	469.7	477.2	490.1	499.8	506.2	513.7
70°	601.7	605.9	611.3	616.7	624.2	629.5	637.0	653.1	662.8	667.1	671.4
67.5°	841.9	852.6	862.3	851.5	846.2	838.7	840.8	855.8	865.5	871.9	870.8
65°	1055.3	1062.8	1062.8	1061.7	1057.5	1047.8	1053.2	1071.4	1082.1	1087.5	1071.4
62.5°	1306.3	1306.3	1300.9	1309.5	1310.6	1304.1	1300.9	1302.0	1303.0	1306.3	1279.5
60°	1480.0	1490.7	1493.9	1501.5	1503.6	1503.6	1509.0	1513.2	1513.2	1506.8	1475.7
57.5°	1709.5	1729.9	1734.2	1728.8	1718.1	1704.1	1702.0	1695.6	1682.7	1669.8	1654.8
55°	1941.2	1951.9	1950.8	1947.6	1936.9	1920.8	1922.9	1914.4	1894.0	1877.9	1857.5
52.5°	2173.9	2199.6	2203.9	2197.5	2182.5	2165.3	2166.4	2156.7	2136.4	2119.2	2091.3
50°	2471.0	2492.4	2490.3	2479.5	2458.1	2445.2	2446.3	2428.1	2404.5	2399.1	2362.6
47.5°	2810.9	2835.6	2831.3	2816.3	2787.3	2782.0	2787.3	2763.7	2749.8	2738.0	2695.1
45°	3257.1	3286.0	3269.9	3241.0	3194.9	3200.2	3207.7	3203.5	3173.4	3142.3	3087.6
42.5°	3780.4	3798.7	3779.4	3750.4	3692.5	3703.2	3698.9	3673.2	3655.0	3603.5	3533.8
40°	4340.3	4380.0	4349.9	4304.9	4244.8	4260.9	4249.1	4215.9	4173.0	4108.6	4020.7
37.5°	4944.1	4975.2	4940.9	4888.3	4834.7	4829.3	4805.7	4754.2	4693.1	4622.3	4481.8
35°	5522.1	5602.6	5539.3	5455.6	5390.2	5365.5	5343.0	5224.0	5154.3	5039.5	4847.5
32.5°	5952.2	6011.2	5932.9	5846.0	5766.7	5732.3	5653.0	5511.4	5473.9	5232.6	5056.7
30°	6064.8	6060.5	5979.0	5912.5	5826.7	5803.1	5657.3	5537.1	5417.0	5194.0	5026.6
27.5°	5796.7	5769.9	5691.6	5633.7	5548.9	5521.1	5377.3	5313.0	5127.5	4938.7	4797.1
25°	5199.3	5213.3	5154.3	5125.3	5069.5	5009.5	4952.6	4865.8	4750.0	4584.8	4455.0
22.5°	4728.5	4746.7	4722.1	4687.7	4644.9	4611.6	4568.7	4501.1	4389.6	4287.7	4165.5
20°	4466.8	4461.5	4440.0	4414.3	4373.5	4349.9	4302.7	4245.9	4160.1	4072.2	3940.2
17.5°	4329.5	4296.3	4275.9	4266.3	4244.8	4214.8	4159.0	4101.1	4034.6	3934.9	3838.4
15°	4227.7	4233.0	4216.9	4209.4	4192.3	4150.4	4093.6	4046.4	3956.3	3905.9	3818.0
12.5°	4221.2	4215.9	4216.9	4213.7	4192.3	4138.6	4109.7	4049.6	3991.7	3925.2	3824.4
10°	4297.4	4240.5	4244.8	4259.8	4225.5	4182.6	4151.5	4086.1	4031.4	3946.7	3846.9
7.5°	4293.1	4264.1	4272.7	4248.0	4258.8	4206.2	4163.3	4097.9	4029.3	3939.2	3849.1
5°	4318.8	4274.9	4267.3	4269.5	4242.7	4203.0	4145.1	4082.9	4018.5	3917.7	3825.5
2.5°	4259.8	4266.3	4232.0	4219.1	4215.9	4149.4	4095.7	4035.7	3969.2	3880.2	3797.6
0°	4215.9	4227.7	4192.3	4174.0	4173.0	4116.1	4081.8	4013.2	3966.0	3892.0	3792.2
-2.5°	4192.3	4206.2	4210.5	4177.3	4145.1	4101.1	4043.2	3969.2	3892.0	3806.2	3720.4
-5°	4194.4	4166.5	4154.7	4165.5	4137.6	4093.6	4029.3	3963.8	3887.7	3795.5	3688.2
-7.5°	4109.7	4081.8	4079.7	4074.3	4067.9	4026.0	3972.4	3901.6	3824.4	3738.6	3638.9
-10°	3983.1	3962.8	3957.4	3952.0	3934.9	3910.2	3859.8	3795.5	3725.7	3640.0	3533.8
-12.5°	3842.6	3833.0	3812.6	3798.7	3781.5	3752.6	3704.3	3645.3	3575.6	3499.5	3408.3
-15°	3687.1	3668.9	3648.5	3636.7	3612.1	3577.7	3529.5	3474.8	3398.6	3323.6	3237.8
-17.5°	3499.5	3476.9	3454.4	3451.2	3434.0	3381.5	3336.4	3269.9	3203.5	3131.6	3047.9
-20°	3278.5	3247.4	3232.4	3223.8	3200.2	3161.6	3113.4	3052.2	2987.9	2919.3	2822.7



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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°	3034.0	3007.2	2981.5	2965.4	2945.0	2915.0	2868.8	2815.2	2751.9	2674.7	2585.7
-25°	2756.2	2718.7	2702.6	2684.4	2673.7	2645.8	2600.7	2551.4	2486.0	2410.9	2326.2
-27.5°	2438.8	2408.8	2400.2	2374.4	2361.6	2332.6	2295.1	2249.0	2188.9	2118.1	2048.4
-30°	2088.1	2069.9	2055.9	2030.2	2020.5	1989.4	1964.8	1926.1	1871.5	1821.0	1765.3
-32.5°	1727.7	1709.5	1705.2	1693.4	1687.0	1666.6	1638.7	1610.8	1566.9	1529.3	1484.3
-35°	1408.1	1395.3	1396.4	1395.3	1388.8	1373.8	1339.5	1332.0	1299.8	1265.5	1236.6
-37.5°	1152.9	1154.0	1152.9	1151.8	1143.2	1136.8	1112.1	1102.5	1083.2	1049.9	1032.8
-40°	960.9	963.1	962.0	959.9	950.2	947.0	930.9	918.0	910.5	886.9	868.7
-42.5°	805.4	808.6	807.6	806.5	800.1	799.0	790.4	775.4	771.1	757.2	737.9
-45°	687.5	686.4	684.2	686.4	683.2	679.9	674.6	664.9	659.6	653.1	637.0
-47.5°	594.1	595.2	593.1	593.1	588.8	585.6	583.4	577.0	572.7	567.3	557.7
-50°	516.9	521.2	520.1	519.1	515.9	513.7	513.7	507.3	500.8	498.7	492.3
-52.5°	456.9	460.1	461.2	463.3	464.4	465.5	462.2	455.8	445.1	444.0	440.8
-55°	402.2	411.8	418.3	422.6	426.8	430.1	423.6	415.0	404.3	400.0	399.0
-57.5°	364.6	374.3	381.8	388.2	393.6	399.0	392.5	383.9	374.3	368.9	367.9
-60°	330.3	338.9	346.4	355.0	362.5	371.1	367.9	361.4	356.1	351.8	347.5
-62.5°	293.9	302.4	311.0	321.7	331.4	340.0	341.0	340.0	338.9	340.0	332.5
-65°	263.8	268.1	273.5	285.3	296.0	305.7	311.0	314.2	319.6	325.0	317.5
-67.5°	231.7	237.0	243.4	252.0	260.6	267.0	274.6	283.1	291.7	300.3	294.9
-70°	202.7	207.0	212.3	216.6	222.0	226.3	232.7	242.4	252.0	260.6	258.5
-72.5°	172.7	177.0	180.2	182.3	185.5	187.7	190.9	199.5	205.9	210.2	210.2
-75°	142.6	146.9	150.1	151.2	153.4	154.4	156.6	159.8	163.0	164.1	165.2
-77.5°	109.4	113.7	116.9	119.0	121.2	123.3	124.4	126.6	127.6	127.6	128.7
-80°	81.5	84.7	86.9	90.1	91.2	93.3	95.4	96.5	97.6	97.6	98.7
-82.5°	57.9	60.1	62.2	64.3	66.5	67.6	69.7	70.8	71.9	72.9	74.0
-85°	38.6	40.8	42.9	45.0	46.1	47.2	48.3	49.3	50.4	51.5	52.6
-87.5°	22.5	23.6	24.7	26.8	27.9	30.0	31.1	30.0	31.1	31.1	31.1
-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°	41.8	41.8	41.8	41.8	40.8	38.6	37.5	35.4	33.2	31.1	29.0
85°	86.9	87.9	87.9	87.9	85.8	84.7	81.5	78.3	74.0	67.6	62.2
82.5°	144.8	145.9	145.9	144.8	142.6	139.4	135.1	129.8	121.2	112.6	105.1
80°	217.7	218.8	218.8	217.7	212.3	207.0	201.6	195.2	184.5	172.7	159.8
77.5°	304.6	306.7	306.7	303.5	296.0	289.6	281.0	270.3	254.2	237.0	219.9
75°	405.4	410.8	411.8	408.6	399.0	387.2	373.2	355.0	330.3	308.9	288.5
72.5°	522.3	527.7	531.9	527.7	513.7	497.6	477.2	455.8	431.1	402.2	367.9
70°	675.7	681.0	684.2	670.3	645.6	618.8	594.1	569.5	540.5	505.1	467.6
67.5°	868.7	863.3	856.9	829.0	797.9	765.7	731.4	695.0	657.4	619.9	575.9
65°	1054.2	1039.2	1025.3	992.0	952.4	910.5	870.8	830.1	785.0	737.9	696.0
62.5°	1249.4	1217.2	1182.9	1142.2	1101.4	1055.3	1015.6	967.4	917.0	859.0	805.4
60°	1441.4	1402.8	1368.5	1318.1	1264.4	1202.2	1159.3	1112.1	1053.2	991.0	927.7
57.5°	1626.9	1585.1	1547.6	1503.6	1445.7	1378.1	1330.9	1269.8	1207.6	1129.3	1065.0
55°	1824.3	1782.4	1752.4	1703.1	1639.8	1577.6	1526.1	1461.8	1374.9	1291.2	1211.9
52.5°	2050.6	2017.3	1985.1	1934.7	1858.6	1795.3	1738.5	1666.6	1575.5	1472.5	1377.0
50°	2303.7	2286.5	2252.2	2193.2	2106.3	2050.6	1975.5	1880.0	1782.4	1674.1	1555.1
47.5°	2639.3	2611.5	2563.2	2498.8	2425.9	2342.3	2241.5	2129.9	1991.6	1871.5	1744.9
45°	3040.4	2989.0	2926.8	2839.9	2749.8	2655.4	2545.0	2403.4	2217.9	2061.3	1928.3
42.5°	3474.8	3405.1	3320.4	3206.7	3089.8	2973.9	2854.9	2661.9	2430.2	2250.0	2099.9
40°	3928.4	3839.4	3733.3	3568.1	3438.3	3289.3	3153.1	2864.6	2617.9	2422.7	2262.9
37.5°	4372.4	4259.8	4081.8	3881.3	3730.0	3607.8	3308.6	2999.7	2778.8	2564.3	2402.3
35°	4712.4	4617.0	4302.7	4094.7	3964.9	3771.9	3397.6	3081.2	2847.4	2669.4	2417.3
32.5°	4914.0	4667.4	4391.7	4181.5	4074.3	3757.9	3404.0	3104.8	2879.6	2680.1	2378.7
30°	4869.0	4570.9	4329.5	4153.7	3920.9	3636.7	3343.9	3068.3	2849.5	2608.2	2335.8
27.5°	4597.7	4367.1	4151.5	3968.1	3739.7	3484.4	3214.2	2971.8	2768.0	2534.2	2276.8
25°	4290.9	4081.8	3922.0	3762.2	3545.6	3302.1	3064.0	2889.2	2684.4	2453.8	2199.6
22.5°	4008.9	3858.7	3733.3	3566.0	3354.7	3142.3	2994.3	2813.1	2602.9	2369.1	2120.3
20°	3828.7	3726.8	3583.1	3398.6	3232.4	3099.4	2935.3	2743.4	2526.7	2282.2	2052.7
17.5°	3741.8	3623.9	3464.1	3343.9	3216.3	3070.5	2887.1	2683.3	2452.7	2242.5	2060.2
15°	3696.8	3572.4	3467.3	3349.3	3205.6	3052.2	2848.5	2637.2	2452.7	2258.6	2065.6
12.5°	3706.4	3599.2	3484.4	3355.7	3201.3	3037.2	2852.8	2656.5	2465.6	2270.4	2066.6
10°	3736.5	3623.9	3501.6	3359.0	3203.5	3041.5	2864.6	2668.3	2472.0	2275.8	2064.5
7.5°	3747.2	3624.9	3494.1	3350.4	3198.1	3039.4	2866.7	2671.5	2473.1	2274.7	2058.1
5°	3714.0	3603.5	3476.9	3332.2	3183.1	3028.6	2858.1	2667.2	2464.5	2264.0	2042.0
2.5°	3668.9	3579.9	3458.7	3319.3	3168.1	3013.6	2844.2	2647.9	2445.2	2244.7	2021.6
0°	3661.4	3550.9	3428.7	3304.3	3143.4	2980.4	2812.0	2611.5	2409.8	2208.2	1986.2
-2.5°	3612.1	3495.2	3372.9	3237.8	3096.2	2932.1	2755.2	2558.9	2359.4	2161.0	1947.6
-5°	3574.5	3444.8	3315.0	3169.1	3026.5	2862.4	2679.0	2488.1	2292.9	2099.9	1894.0
-7.5°	3524.1	3391.1	3254.9	3102.6	2948.2	2780.9	2599.7	2408.8	2216.8	2024.8	1827.5
-10°	3422.2	3305.3	3177.7	3020.1	2857.1	2689.7	2509.6	2321.9	2129.9	1935.8	1737.4
-12.5°	3298.9	3175.6	3036.2	2891.4	2745.5	2590.0	2409.8	2225.4	2032.3	1837.1	1639.8
-15°	3139.1	3017.9	2875.3	2733.7	2593.2	2444.2	2285.4	2119.2	1922.9	1731.0	1533.6
-17.5°	2939.6	2825.9	2698.3	2563.2	2423.8	2273.6	2119.2	1978.7	1795.3	1615.1	1419.9
-20°	2725.1	2619.0	2504.2	2376.6	2237.2	2090.2	1944.4	1797.5	1638.7	1480.0	1298.8



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CATALOG NUMBER: IFLD-S-SA2D-927-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	2502.1	2394.8	2279.0	2159.9	2031.3	1895.0	1759.9	1619.4	1480.0	1336.3	1182.9
-25°	2244.7	2150.3	2044.1	1928.3	1813.5	1694.5	1565.8	1438.2	1319.1	1194.7	1069.2
-27.5°	1975.5	1888.6	1792.1	1691.3	1592.6	1492.9	1381.3	1263.4	1164.7	1061.7	957.7
-30°	1692.4	1622.6	1544.4	1456.4	1380.3	1299.8	1206.5	1108.9	1018.8	940.6	856.9
-32.5°	1424.2	1365.2	1309.5	1251.6	1176.5	1114.3	1049.9	978.1	898.7	824.7	764.7
-35°	1193.7	1130.4	1106.8	1063.9	1010.3	955.6	908.4	856.9	796.8	731.4	682.1
-37.5°	999.5	962.0	928.8	905.2	869.8	825.8	788.3	750.7	704.6	655.3	605.9
-40°	848.3	822.6	786.1	774.3	751.8	721.8	683.2	654.2	623.1	585.6	543.7
-42.5°	727.1	707.8	684.2	663.9	654.2	632.8	602.7	574.8	550.2	524.4	492.3
-45°	627.4	614.5	599.5	581.3	573.8	556.6	535.2	504.1	490.1	468.7	445.1
-47.5°	547.0	540.5	529.8	518.0	507.3	494.4	475.1	455.8	436.5	422.6	404.3
-50°	483.7	479.4	473.0	463.3	449.4	440.8	427.9	410.8	392.5	380.7	367.9
-52.5°	433.3	429.0	424.7	417.2	406.5	397.9	387.2	373.2	358.2	346.4	335.7
-55°	394.7	388.2	385.0	378.6	370.0	360.3	350.7	341.0	328.2	317.5	306.7
-57.5°	364.6	356.1	351.8	346.4	337.8	328.2	320.7	311.0	302.4	290.6	281.0
-60°	341.0	331.4	322.8	317.5	309.9	300.3	292.8	285.3	276.7	267.0	255.2
-62.5°	321.7	309.9	298.1	291.7	284.2	275.6	268.1	260.6	252.0	242.4	231.7
-65°	303.5	289.6	274.6	268.1	260.6	252.0	242.4	237.0	229.5	220.9	210.2
-67.5°	281.0	266.0	253.1	245.6	238.1	230.6	222.0	216.6	209.1	198.4	187.7
-70°	247.7	238.1	229.5	223.1	216.6	210.2	201.6	193.0	184.5	174.8	165.2
-72.5°	205.9	202.7	201.6	198.4	190.9	183.4	174.8	166.2	158.7	151.2	143.7
-75°	166.2	168.4	170.5	169.4	161.9	154.4	146.9	139.4	134.1	127.6	121.2
-77.5°	131.9	134.1	136.2	136.2	130.8	126.6	121.2	115.8	111.5	106.2	99.7
-80°	101.9	105.1	108.3	110.5	106.2	103.0	98.7	94.4	90.1	85.8	81.5
-82.5°	77.2	80.4	83.7	85.8	82.6	80.4	77.2	74.0	70.8	66.5	63.3
-85°	55.8	57.9	60.1	61.1	59.0	56.8	54.7	52.6	50.4	47.2	45.0
-87.5°	32.2	33.2	34.3	35.4	33.2	31.1	30.0	27.9	26.8	24.7	23.6
-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-927-U-76

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°	26.8	24.7	22.5	21.4	19.3	16.1	13.9	11.8	9.7	7.5	6.4
85°	56.8	51.5	45.0	41.8	37.5	33.2	29.0	24.7	20.4	16.1	11.8
82.5°	97.6	91.2	84.7	77.2	67.6	55.8	44.0	36.5	30.0	23.6	18.2
80°	146.9	135.1	124.4	114.8	104.0	89.0	72.9	57.9	40.8	31.1	23.6
77.5°	203.8	189.8	174.8	158.7	141.6	121.2	103.0	83.7	63.3	42.9	30.0
75°	268.1	249.9	229.5	207.0	184.5	157.7	131.9	109.4	85.8	60.1	36.5
72.5°	340.0	317.5	292.8	262.8	227.4	196.3	165.2	135.1	107.2	76.1	49.3
70°	432.2	396.8	360.3	328.2	283.1	233.8	197.3	163.0	127.6	93.3	62.2
67.5°	530.9	488.0	444.0	396.8	340.0	282.1	229.5	190.9	149.1	109.4	74.0
65°	638.1	584.5	528.7	476.2	397.9	329.2	270.3	217.7	169.4	124.4	85.8
62.5°	748.6	685.3	621.0	552.3	462.2	377.5	308.9	247.7	188.8	138.3	96.5
60°	866.6	792.6	714.3	628.5	523.4	430.1	345.3	278.8	209.1	152.3	108.3
57.5°	991.0	910.5	818.3	702.5	586.6	480.5	387.2	306.7	227.4	165.2	116.9
55°	1126.1	1033.9	933.0	779.7	648.8	530.9	429.0	334.6	246.7	175.9	125.5
52.5°	1271.9	1164.7	1037.1	861.2	714.3	582.3	467.6	359.3	264.9	187.7	133.0
50°	1435.0	1299.8	1128.2	936.3	771.1	630.6	506.2	386.1	279.9	200.6	139.4
47.5°	1604.4	1458.6	1209.7	1006.0	829.0	677.8	545.9	409.7	294.9	211.3	145.9
45°	1781.4	1569.0	1294.5	1068.2	879.4	720.7	575.9	431.1	313.2	220.9	151.2
42.5°	1956.2	1652.7	1368.5	1130.4	926.6	759.3	600.6	451.5	328.2	230.6	156.6
40°	2038.8	1715.9	1427.5	1173.3	966.3	793.6	622.0	469.7	341.0	237.0	161.9
37.5°	2073.1	1754.6	1466.1	1214.0	997.4	811.9	640.3	485.8	351.8	243.4	166.2
35°	2080.6	1768.5	1485.4	1241.9	1023.1	829.0	654.2	497.6	360.3	249.9	170.5
32.5°	2066.6	1764.2	1490.7	1251.6	1039.2	841.9	663.9	506.2	366.8	256.3	174.8
30°	2035.5	1741.7	1471.4	1250.5	1051.0	849.4	670.3	512.6	373.2	260.6	177.0
27.5°	1985.1	1702.0	1446.8	1251.6	1057.5	852.6	673.5	515.9	377.5	263.8	181.2
25°	1922.9	1648.4	1447.8	1249.4	1058.5	853.7	673.5	515.9	378.6	264.9	184.5
22.5°	1851.1	1648.4	1447.8	1246.2	1052.1	851.5	670.3	513.7	378.6	267.0	187.7
20°	1855.4	1649.5	1444.6	1239.8	1042.4	845.1	662.8	508.3	375.4	270.3	189.8
17.5°	1858.6	1647.3	1438.2	1231.2	1029.6	834.4	653.1	500.8	375.4	273.5	190.9
15°	1858.6	1640.9	1428.5	1218.3	1013.5	819.4	639.2	494.4	376.4	274.6	193.0
12.5°	1855.4	1629.1	1413.5	1201.2	994.2	801.1	630.6	492.3	376.4	275.6	193.0
10°	1848.9	1613.0	1394.2	1179.7	975.9	794.7	626.3	488.0	374.3	275.6	193.0
7.5°	1837.1	1593.7	1378.1	1166.8	965.2	787.2	619.9	481.5	371.1	273.5	195.2
5°	1818.9	1583.0	1365.2	1151.8	950.2	781.8	615.6	476.2	368.9	273.5	193.0
2.5°	1795.3	1570.1	1350.2	1132.5	933.0	763.6	601.7	464.4	361.4	269.2	190.9
0°	1756.7	1544.4	1324.5	1105.7	909.5	745.4	587.7	452.6	353.9	264.9	188.8
-2.5°	1721.3	1510.0	1291.2	1077.8	886.9	729.3	577.0	446.1	350.7	263.8	187.7
-5°	1672.0	1462.8	1247.3	1041.4	856.9	713.2	566.3	438.6	347.5	261.7	187.7
-7.5°	1617.3	1413.5	1201.2	1003.8	826.9	685.3	545.9	426.8	340.0	257.4	186.6
-10°	1532.6	1339.5	1143.2	960.9	794.7	660.6	528.7	416.1	333.5	253.1	182.3
-12.5°	1442.5	1258.0	1076.8	908.4	758.2	634.9	509.4	404.3	326.0	248.8	180.2
-15°	1347.0	1174.4	1007.0	853.7	718.6	603.8	489.0	391.5	318.5	243.4	177.0
-17.5°	1247.3	1086.4	935.2	797.9	678.9	571.6	467.6	379.7	309.9	238.1	173.7
-20°	1142.2	996.3	862.3	741.1	637.0	539.5	445.1	365.7	300.3	231.7	169.4



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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°	1038.1	907.3	787.2	685.3	594.1	506.2	422.6	351.8	289.6	224.1	166.2
-25°	945.9	823.7	720.7	631.7	552.3	474.0	399.0	337.8	277.8	216.6	161.9
-27.5°	855.8	751.8	655.3	581.3	511.6	442.9	376.4	322.8	266.0	208.1	157.7
-30°	772.2	683.2	603.8	531.9	473.0	415.0	357.1	307.8	253.1	199.5	152.3
-32.5°	696.0	624.2	557.7	489.0	436.5	387.2	338.9	292.8	240.2	190.9	146.9
-35°	625.2	569.5	511.6	453.7	400.0	361.4	319.6	276.7	228.4	181.2	141.6
-37.5°	562.0	516.9	470.8	421.5	375.4	336.8	301.4	260.6	216.6	172.7	136.2
-40°	507.3	470.8	430.1	390.4	351.8	315.3	283.1	244.5	204.8	166.2	130.8
-42.5°	456.9	429.0	395.7	362.5	328.2	296.0	264.9	227.4	193.0	158.7	125.5
-45°	418.3	390.4	363.6	333.5	304.6	276.7	245.6	212.3	182.3	150.1	120.1
-47.5°	381.8	357.1	332.5	307.8	284.2	258.5	227.4	199.5	170.5	142.6	115.8
-50°	349.6	326.0	304.6	283.1	262.8	238.1	209.1	186.6	160.9	135.1	110.5
-52.5°	319.6	299.2	277.8	260.6	243.4	218.8	195.2	173.7	151.2	126.6	105.1
-55°	292.8	273.5	254.2	238.1	222.0	200.6	181.2	163.0	141.6	120.1	99.7
-57.5°	267.0	251.0	232.7	217.7	201.6	184.5	168.4	151.2	131.9	113.7	94.4
-60°	243.4	228.4	212.3	197.3	183.4	169.4	154.4	140.5	123.3	106.2	89.0
-62.5°	219.9	207.0	193.0	178.0	167.3	154.4	142.6	128.7	114.8	99.7	79.4
-65°	198.4	186.6	173.7	160.9	151.2	141.6	130.8	118.0	106.2	92.2	70.8
-67.5°	177.0	166.2	155.5	144.8	136.2	128.7	118.0	108.3	98.7	83.7	62.2
-70°	156.6	148.0	138.3	129.8	123.3	114.8	107.2	98.7	90.1	72.9	52.6
-72.5°	137.3	128.7	121.2	114.8	109.4	101.9	95.4	89.0	77.2	61.1	44.0
-75°	114.8	109.4	105.1	99.7	94.4	89.0	83.7	76.1	64.3	49.3	34.3
-77.5°	94.4	91.2	87.9	83.7	79.4	75.1	68.6	61.1	51.5	38.6	27.9
-80°	77.2	74.0	71.9	67.6	64.3	60.1	53.6	47.2	37.5	30.0	22.5
-82.5°	59.0	56.8	54.7	52.6	49.3	45.0	38.6	33.2	27.9	22.5	17.2
-85°	41.8	40.8	38.6	36.5	33.2	30.0	25.7	22.5	19.3	15.0	11.8
-87.5°	21.4	20.4	19.3	18.2	17.2	15.0	12.9	10.7	9.7	7.5	5.4
-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-SA2D-927-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	4.3	3.2	1.1	0.0
85°	8.6	5.4	2.1	0.0
82.5°	12.9	8.6	3.2	0.0
80°	17.2	10.7	5.4	0.0
77.5°	21.4	12.9	6.4	0.0
75°	25.7	16.1	7.5	0.0
72.5°	29.0	18.2	8.6	0.0
70°	34.3	21.4	9.7	0.0
67.5°	42.9	23.6	10.7	0.0
65°	50.4	25.7	11.8	0.0
62.5°	59.0	27.9	12.9	0.0
60°	66.5	30.0	13.9	0.0
57.5°	74.0	35.4	15.0	0.0
55°	80.4	39.7	16.1	0.0
52.5°	87.9	44.0	17.2	0.0
50°	94.4	48.3	18.2	0.0
47.5°	99.7	52.6	18.2	0.0
45°	104.0	55.8	19.3	0.0
42.5°	107.2	59.0	20.4	0.0
40°	110.5	62.2	21.4	0.0
37.5°	113.7	65.4	21.4	0.0
35°	116.9	68.6	22.5	0.0
32.5°	120.1	71.9	22.5	0.0
30°	122.3	74.0	23.6	0.0
27.5°	125.5	76.1	23.6	0.0
25°	126.6	78.3	24.7	0.0
22.5°	128.7	79.4	24.7	0.0
20°	130.8	81.5	24.7	0.0
17.5°	131.9	82.6	25.7	0.0
15°	131.9	83.7	26.8	0.0
12.5°	133.0	84.7	26.8	0.0
10°	133.0	86.9	25.7	0.0
7.5°	135.1	85.8	25.7	0.0
5°	134.1	85.8	25.7	0.0
2.5°	133.0	84.7	25.7	0.0
0°	131.9	84.7	25.7	0.0
-2.5°	131.9	84.7	25.7	0.0
-5°	131.9	84.7	25.7	0.0
-7.5°	130.8	85.8	25.7	0.0
-10°	128.7	85.8	25.7	0.0
-12.5°	127.6	82.6	25.7	0.0
-15°	126.6	81.5	25.7	0.0
-17.5°	124.4	80.4	24.7	0.0
-20°	122.3	79.4	24.7	0.0



REPORT NUMBER: P722223

CATALOG NUMBER: IFLD-S-SA2D-927-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	120.1	77.2	24.7	0.0
-25°	118.0	75.1	23.6	0.0
-27.5°	115.8	72.9	23.6	0.0
-30°	112.6	70.8	22.5	0.0
-32.5°	109.4	68.6	22.5	0.0
-35°	107.2	65.4	21.4	0.0
-37.5°	104.0	62.2	21.4	0.0
-40°	100.8	59.0	20.4	0.0
-42.5°	97.6	55.8	19.3	0.0
-45°	93.3	52.6	19.3	0.0
-47.5°	90.1	49.3	18.2	0.0
-50°	84.7	45.0	17.2	0.0
-52.5°	78.3	40.8	16.1	0.0
-55°	71.9	37.5	15.0	0.0
-57.5°	65.4	33.2	15.0	0.0
-60°	59.0	29.0	13.9	0.0
-62.5°	52.6	26.8	12.9	0.0
-65°	46.1	24.7	11.8	0.0
-67.5°	38.6	21.4	10.7	0.0
-70°	32.2	19.3	9.7	0.0
-72.5°	27.9	17.2	8.6	0.0
-75°	23.6	15.0	7.5	0.0
-77.5°	20.4	12.9	6.4	0.0
-80°	16.1	9.7	4.3	0.0
-82.5°	11.8	7.5	3.2	0.0
-85°	7.5	5.4	2.1	0.0
-87.5°	4.3	2.1	1.1	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)