

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: P721960

Luminaire Tested: **IFLD-S-SA2B-722-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P721960
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2B-722-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (32) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

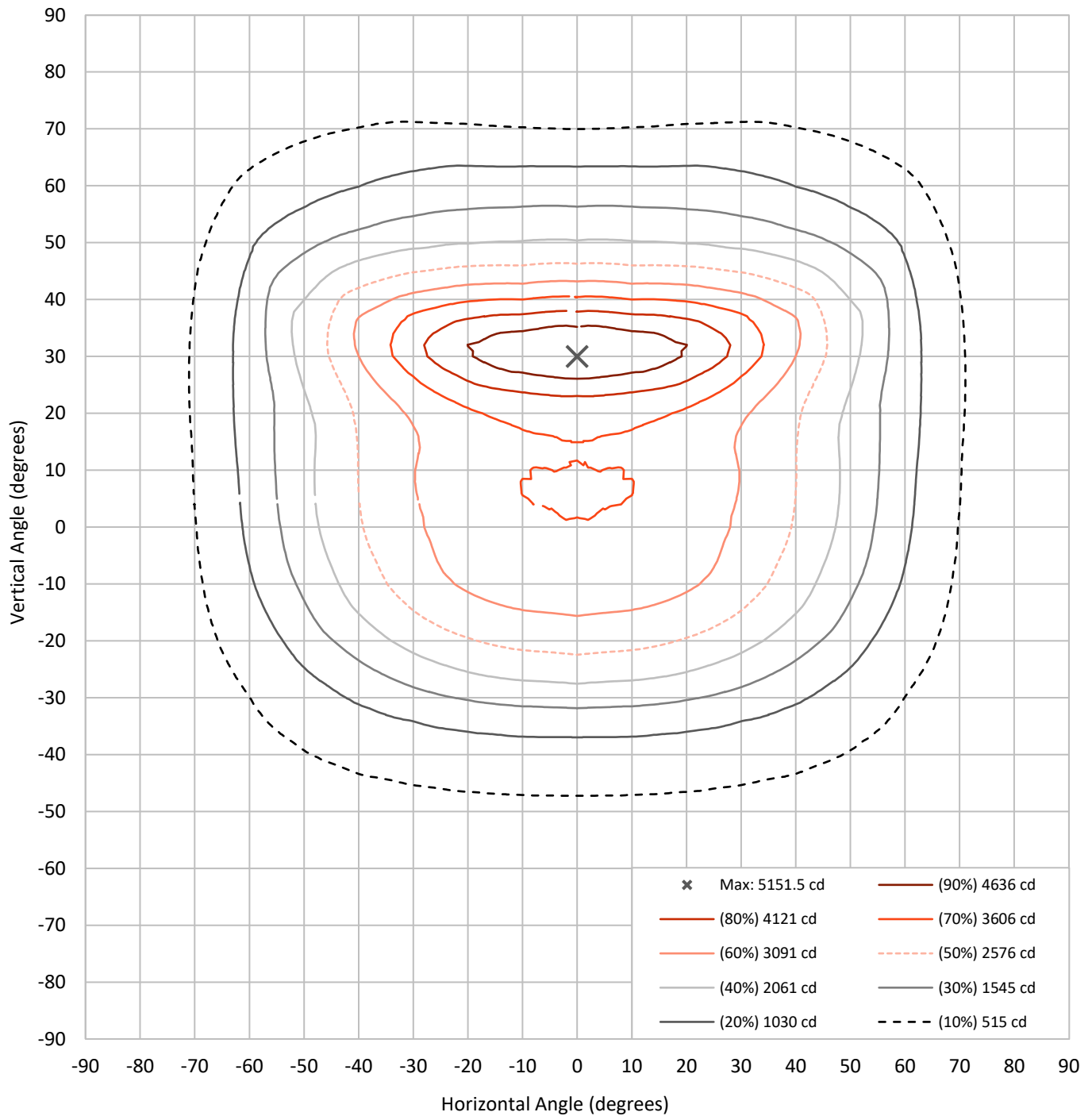
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	8599.1 lumens	Max Intensity:	5151.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	104.4 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	5000.5 lumens	Field Lumens:	8058.5 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



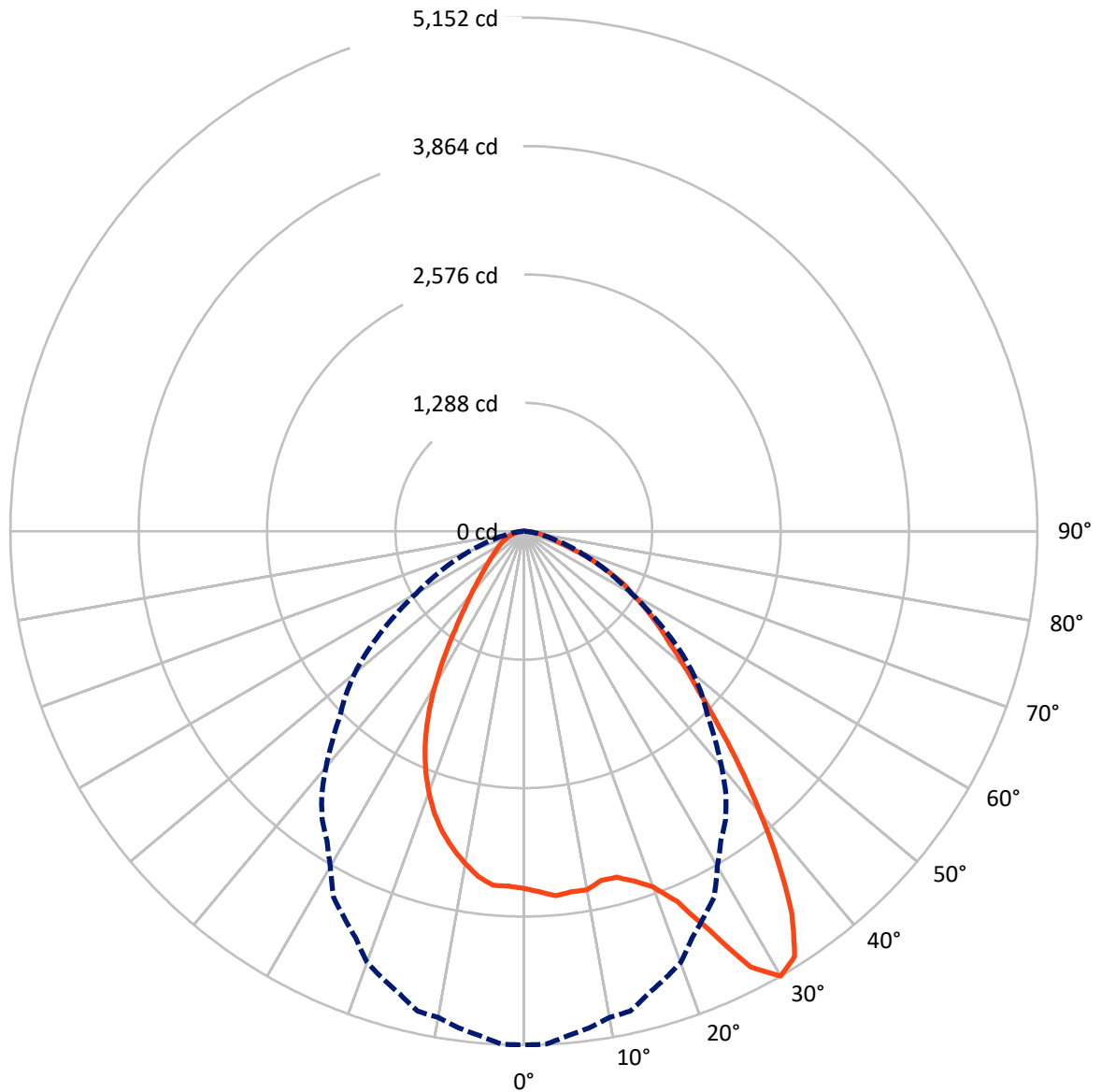
REPORT NUMBER: P721960
CATALOG NUMBER: IFLD-S-SA2B-722-U-76

Iso-Candela Plot



REPORT NUMBER: P721960
CATALOG NUMBER: IFLD-S-SA2B-722-U-76

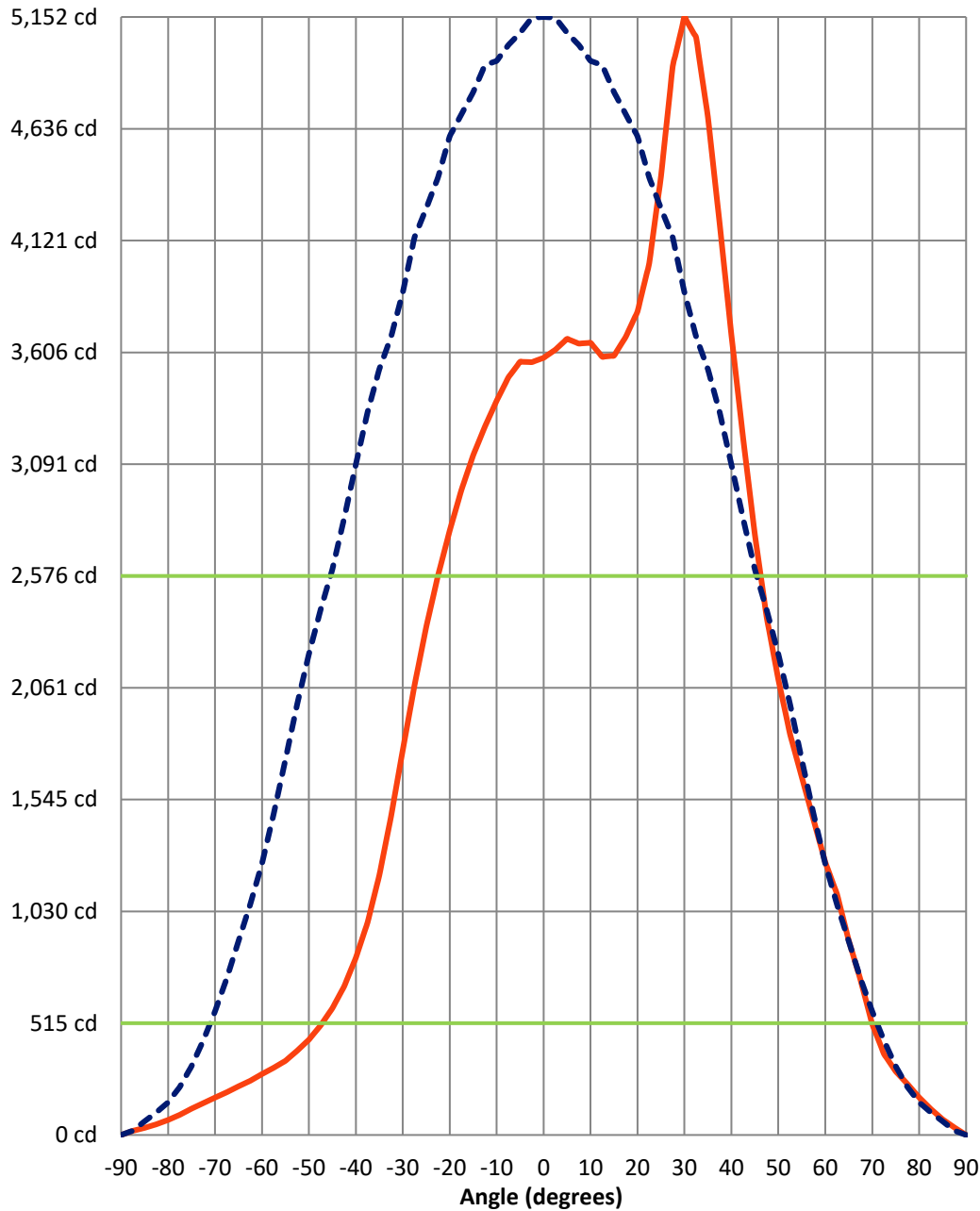
Luminous Intensity Polar Plot



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

REPORT NUMBER: P721960
 CATALOG NUMBER: IFLD-S-SA2B-722-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 5000.5
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 8058.5
 Efficiency: 93.7%

Spill:
 Lumens: 540.6
 Efficiency: 6.3%

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



REPORT NUMBER: P721960
 CATALOG NUMBER: IFLD-S-SA2B-722-U-76

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°	34.6	35.5	36.4	36.4	35.5	35.5	35.5	34.6	35.5	35.5	35.5
85°	72.0	73.8	75.6	74.7	73.8	72.0	70.1	71.1	72.0	72.9	72.9
82.5°	119.3	122.1	123.9	123.0	121.2	119.3	117.5	118.4	120.2	121.2	121.2
80°	173.1	174.0	174.9	176.7	174.0	174.0	173.1	176.7	178.5	180.4	182.2
77.5°	235.0	235.9	235.9	236.9	237.8	238.7	238.7	245.0	249.6	252.3	255.1
75°	293.3	296.1	298.8	301.5	305.2	307.0	309.7	318.8	326.1	331.6	337.1
72.5°	373.5	377.1	381.7	388.1	394.4	399.0	405.4	416.3	424.5	430.0	436.4
70°	511.1	514.7	519.2	523.8	530.2	534.7	541.1	554.8	563.0	566.6	570.3
67.5°	715.1	724.2	732.4	723.3	718.7	712.4	714.2	726.9	735.1	740.6	739.7
65°	896.4	902.8	902.8	901.9	898.2	890.0	894.6	910.1	919.2	923.7	910.1
62.5°	1109.6	1109.6	1105.0	1112.3	1113.2	1107.7	1105.0	1105.9	1106.8	1109.6	1086.8
60°	1257.1	1266.2	1269.0	1275.3	1277.2	1277.2	1281.7	1285.4	1285.4	1279.9	1253.5
57.5°	1452.1	1469.4	1473.0	1468.5	1459.4	1447.5	1445.7	1440.2	1429.3	1418.4	1405.6
55°	1648.8	1658.0	1657.0	1654.3	1645.2	1631.5	1633.4	1626.1	1608.8	1595.1	1577.8
52.5°	1846.5	1868.4	1872.0	1866.6	1853.8	1839.2	1840.1	1831.9	1814.6	1800.1	1776.4
50°	2098.9	2117.1	2115.3	2106.1	2087.9	2077.0	2077.9	2062.4	2042.4	2037.8	2006.9
47.5°	2387.6	2408.6	2404.9	2392.2	2367.6	2363.0	2367.6	2347.6	2335.7	2325.7	2289.3
45°	2766.6	2791.2	2777.5	2752.9	2713.8	2718.3	2724.7	2721.0	2695.5	2669.1	2622.7
42.5°	3211.1	3226.6	3210.2	3185.6	3136.4	3145.6	3141.9	3120.0	3104.6	3060.8	3001.6
40°	3686.7	3720.4	3694.9	3656.6	3605.6	3619.3	3609.2	3581.0	3544.6	3489.9	3415.2
37.5°	4199.5	4226.0	4196.8	4152.2	4106.6	4102.1	4082.0	4038.3	3986.4	3926.3	3806.9
35°	4690.5	4758.9	4705.1	4634.1	4578.5	4557.5	4538.4	4437.3	4378.1	4280.6	4117.6
32.5°	5055.8	5105.9	5039.4	4965.7	4898.2	4869.1	4801.7	4681.4	4649.6	4444.6	4295.2
30°	5151.5	5147.9	5078.6	5022.1	4949.3	4929.2	4805.3	4703.3	4601.3	4411.8	4269.7
27.5°	4923.8	4901.0	4834.5	4785.3	4713.3	4689.6	4567.6	4512.9	4355.3	4195.0	4074.7
25°	4416.3	4428.2	4378.1	4353.5	4306.1	4255.1	4206.8	4133.0	4034.7	3894.4	3784.1
22.5°	4016.4	4031.9	4011.0	3981.8	3945.4	3917.1	3880.7	3823.3	3728.6	3642.0	3538.2
20°	3794.2	3789.6	3771.4	3749.5	3714.9	3694.9	3654.8	3606.5	3533.6	3458.9	3346.9
17.5°	3677.6	3649.3	3632.0	3623.8	3605.6	3580.1	3532.7	3483.5	3427.0	3342.3	3260.3
15°	3591.0	3595.6	3581.9	3575.5	3561.0	3525.4	3477.1	3437.1	3360.5	3317.7	3243.0
12.5°	3585.6	3581.0	3581.9	3579.2	3561.0	3515.4	3490.8	3439.8	3390.6	3334.1	3248.5
10°	3650.2	3601.9	3605.6	3618.3	3589.2	3552.8	3526.3	3470.8	3424.3	3352.3	3267.6
7.5°	3646.6	3622.0	3629.3	3608.3	3617.4	3572.8	3536.4	3480.8	3422.5	3346.0	3269.4
5°	3668.4	3631.1	3624.7	3626.5	3603.8	3570.1	3520.9	3468.0	3413.4	3327.7	3249.4
2.5°	3618.3	3623.8	3594.7	3583.7	3581.0	3524.5	3479.0	3428.0	3371.5	3295.9	3225.7
0°	3581.0	3591.0	3561.0	3545.5	3544.6	3496.3	3467.1	3408.8	3368.7	3305.9	3221.2
-2.5°	3561.0	3572.8	3576.4	3548.2	3520.9	3483.5	3434.3	3371.5	3305.9	3233.0	3160.1
-5°	3562.8	3539.1	3529.1	3538.2	3514.5	3477.1	3422.5	3366.9	3302.2	3223.9	3132.8
-7.5°	3490.8	3467.1	3465.3	3460.7	3455.3	3419.8	3374.2	3314.1	3248.5	3175.6	3090.9
-10°	3383.3	3366.0	3361.5	3356.9	3342.3	3321.4	3278.6	3223.9	3164.7	3091.8	3001.6
-12.5°	3264.0	3255.8	3238.5	3226.6	3212.1	3187.5	3146.5	3096.4	3037.2	2972.5	2895.0
-15°	3131.9	3116.4	3099.1	3089.1	3068.1	3039.0	2998.0	2951.5	2886.8	2823.1	2750.2
-17.5°	2972.5	2953.3	2934.2	2931.5	2916.9	2872.3	2834.0	2777.5	2721.0	2660.0	2589.0
-20°	2784.8	2758.4	2745.6	2738.4	2718.3	2685.5	2644.5	2592.6	2537.9	2479.6	2397.7



REPORT NUMBER: P721960
 CATALOG NUMBER: IFLD-S-SA2B-722-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	2577.1	2554.3	2532.5	2518.8	2501.5	2476.0	2436.8	2391.3	2337.5	2271.9	2196.3
-25°	2341.2	2309.3	2295.6	2280.1	2271.0	2247.3	2209.1	2167.2	2111.6	2047.8	1975.9
-27.5°	2071.5	2046.0	2038.7	2016.9	2005.9	1981.3	1949.5	1910.3	1859.3	1799.2	1739.9
-30°	1773.6	1758.2	1746.3	1724.5	1716.3	1689.8	1668.9	1636.1	1589.6	1546.8	1499.4
-32.5°	1467.6	1452.1	1448.4	1438.4	1432.9	1415.6	1392.0	1368.3	1330.9	1299.0	1260.8
-35°	1196.1	1185.2	1186.1	1185.2	1179.7	1166.9	1137.8	1131.4	1104.1	1074.9	1050.3
-37.5°	979.3	980.2	979.3	978.4	971.1	965.6	944.7	936.5	920.1	891.8	877.3
-40°	816.2	818.0	817.1	815.3	807.1	804.4	790.7	779.8	773.4	753.4	737.9
-42.5°	684.1	686.9	686.0	685.0	679.6	678.7	671.4	658.6	655.0	643.1	626.7
-45°	583.9	583.0	581.2	583.0	580.3	577.6	573.0	564.8	560.2	554.8	541.1
-47.5°	504.7	505.6	503.8	503.8	500.1	497.4	495.6	490.1	486.5	481.9	473.7
-50°	439.1	442.7	441.8	440.9	438.2	436.4	436.4	430.9	425.4	423.6	418.1
-52.5°	388.1	390.8	391.7	393.5	394.4	395.4	392.6	387.2	378.0	377.1	374.4
-55°	341.6	349.8	355.3	358.9	362.6	365.3	359.8	352.5	343.4	339.8	338.9
-57.5°	309.7	317.9	324.3	329.8	334.3	338.9	333.4	326.1	317.9	313.4	312.5
-60°	280.6	287.9	294.2	301.5	307.9	315.2	312.5	307.0	302.4	298.8	295.2
-62.5°	249.6	256.9	264.2	273.3	281.5	288.8	289.7	288.8	287.9	288.8	282.4
-65°	224.1	227.7	232.3	242.3	251.4	259.6	264.2	266.9	271.5	276.0	269.6
-67.5°	196.8	201.3	206.8	214.1	221.4	226.8	233.2	240.5	247.8	255.1	250.5
-70°	172.2	175.8	180.4	184.0	188.6	192.2	197.7	205.9	214.1	221.4	219.5
-72.5°	146.7	150.3	153.0	154.9	157.6	159.4	162.2	169.4	174.9	178.5	178.5
-75°	121.2	124.8	127.5	128.4	130.3	131.2	133.0	135.7	138.5	139.4	140.3
-77.5°	92.9	96.6	99.3	101.1	102.9	104.8	105.7	107.5	108.4	108.4	109.3
-80°	69.2	72.0	73.8	76.5	77.4	79.3	81.1	82.0	82.9	82.9	83.8
-82.5°	49.2	51.0	52.8	54.7	56.5	57.4	59.2	60.1	61.0	61.9	62.9
-85°	32.8	34.6	36.4	38.3	39.2	40.1	41.0	41.9	42.8	43.7	44.6
-87.5°	19.1	20.0	21.0	22.8	23.7	25.5	26.4	25.5	26.4	26.4	26.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P721960
 CATALOG NUMBER: IFLD-S-SA2B-722-U-76

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°	35.5	35.5	35.5	35.5	34.6	32.8	31.9	30.1	28.2	26.4	24.6
85°	73.8	74.7	74.7	74.7	72.9	72.0	69.2	66.5	62.9	57.4	52.8
82.5°	123.0	123.9	123.9	123.0	121.2	118.4	114.8	110.2	102.9	95.7	89.3
80°	184.9	185.8	185.8	184.9	180.4	175.8	171.3	165.8	156.7	146.7	135.7
77.5°	258.7	260.5	260.5	257.8	251.4	246.0	238.7	229.6	215.9	201.3	186.7
75°	344.3	348.9	349.8	347.1	338.9	328.9	317.0	301.5	280.6	262.4	245.0
72.5°	443.6	448.2	451.8	448.2	436.4	422.7	405.4	387.2	366.2	341.6	312.5
70°	573.9	578.5	581.2	569.4	548.4	525.6	504.7	483.7	459.1	429.1	397.2
67.5°	737.9	733.3	727.9	704.2	677.8	650.4	621.3	590.3	558.4	526.5	489.2
65°	895.5	882.7	870.9	842.6	808.9	773.4	739.7	705.1	666.8	626.7	591.2
62.5°	1061.3	1033.9	1004.8	970.2	935.6	896.4	862.7	821.7	778.9	729.7	684.1
60°	1224.3	1191.5	1162.4	1119.6	1074.0	1021.2	984.8	944.7	894.6	841.7	788.0
57.5°	1381.9	1346.4	1314.5	1277.2	1228.0	1170.6	1130.5	1078.6	1025.7	959.2	904.6
55°	1549.5	1514.0	1488.5	1446.6	1392.9	1340.0	1296.3	1241.6	1167.9	1096.8	1029.4
52.5°	1741.8	1713.5	1686.2	1643.4	1578.7	1525.0	1476.7	1415.6	1338.2	1250.8	1169.7
50°	1956.7	1942.2	1913.0	1862.9	1789.1	1741.8	1678.0	1596.9	1514.0	1422.0	1320.9
47.5°	2241.9	2218.2	2177.2	2122.5	2060.6	1989.5	1903.9	1809.2	1691.7	1589.6	1482.1
45°	2582.6	2538.9	2486.0	2412.2	2335.7	2255.5	2161.7	2041.5	1883.9	1750.9	1637.9
42.5°	2951.5	2892.3	2820.3	2723.8	2624.5	2526.1	2425.0	2261.0	2064.2	1911.2	1783.7
40°	3336.9	3261.2	3171.1	3030.8	2920.5	2793.9	2678.2	2433.2	2223.7	2057.9	1922.1
37.5°	3714.0	3618.3	3467.1	3296.8	3168.3	3064.5	2810.3	2548.0	2360.3	2178.1	2040.6
35°	4002.8	3921.7	3654.8	3478.1	3367.8	3203.9	2885.9	2617.2	2418.6	2267.4	2053.3
32.5°	4174.0	3964.5	3730.4	3551.8	3460.7	3192.0	2891.4	2637.2	2445.9	2276.5	2020.5
30°	4135.8	3882.5	3677.6	3528.2	3330.5	3089.1	2840.4	2606.3	2420.4	2215.5	1984.1
27.5°	3905.3	3709.4	3526.3	3370.6	3176.5	2959.7	2730.2	2524.3	2351.2	2152.6	1934.0
25°	3644.8	3467.1	3331.4	3195.7	3011.6	2804.9	2602.6	2454.1	2280.1	2084.3	1868.4
22.5°	3405.2	3277.6	3171.1	3029.0	2849.5	2669.1	2543.4	2389.5	2210.9	2012.3	1801.0
20°	3252.1	3165.6	3043.5	2886.8	2745.6	2632.7	2493.3	2330.2	2146.2	1938.5	1743.6
17.5°	3178.4	3078.1	2942.4	2840.4	2732.0	2608.1	2452.3	2279.2	2083.4	1904.8	1750.0
15°	3140.1	3034.4	2945.1	2844.9	2722.9	2592.6	2419.5	2240.1	2083.4	1918.5	1754.5
12.5°	3148.3	3057.2	2959.7	2850.4	2719.2	2579.8	2423.2	2256.5	2094.3	1928.5	1755.4
10°	3173.8	3078.1	2974.3	2853.1	2721.0	2583.5	2433.2	2266.5	2099.8	1933.1	1753.6
7.5°	3182.9	3079.1	2967.9	2845.8	2716.5	2581.7	2435.0	2269.2	2100.7	1932.2	1748.1
5°	3154.7	3060.8	2953.3	2830.4	2703.7	2572.6	2427.7	2265.6	2093.4	1923.0	1734.5
2.5°	3116.4	3040.8	2937.9	2819.4	2691.0	2559.8	2415.9	2249.2	2077.0	1906.6	1717.2
0°	3110.0	3016.2	2912.3	2806.7	2670.0	2531.6	2388.5	2218.2	2046.9	1875.7	1687.1
-2.5°	3068.1	2968.8	2865.0	2750.2	2630.0	2490.6	2340.3	2173.6	2004.1	1835.6	1654.3
-5°	3036.2	2926.0	2815.8	2691.9	2570.7	2431.4	2275.6	2113.4	1947.6	1783.7	1608.8
-7.5°	2993.4	2880.5	2764.8	2635.4	2504.2	2362.1	2208.2	2046.0	1883.0	1719.9	1552.3
-10°	2906.9	2807.6	2699.2	2565.3	2426.8	2284.7	2131.7	1972.2	1809.2	1644.3	1475.8
-12.5°	2802.1	2697.4	2578.9	2456.0	2332.1	2200.0	2046.9	1890.2	1726.3	1560.5	1392.9
-15°	2666.4	2563.5	2442.3	2322.0	2202.7	2076.1	1941.3	1800.1	1633.4	1470.3	1302.7
-17.5°	2496.9	2400.4	2292.0	2177.2	2058.8	1931.2	1800.1	1680.7	1525.0	1371.9	1206.1
-20°	2314.8	2224.6	2127.1	2018.7	1900.3	1775.5	1651.6	1526.8	1392.0	1257.1	1103.2



REPORT NUMBER: P721960
 CATALOG NUMBER: IFLD-S-SA2B-722-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	2125.3	2034.2	1935.8	1834.7	1725.4	1609.7	1494.9	1375.6	1257.1	1135.1	1004.8
-25°	1906.6	1826.5	1736.3	1637.9	1540.4	1439.3	1330.0	1221.6	1120.5	1014.8	908.2
-27.5°	1678.0	1604.2	1522.2	1436.6	1352.8	1268.1	1173.3	1073.1	989.3	901.9	813.5
-30°	1437.5	1378.3	1311.8	1237.1	1172.4	1104.1	1024.8	941.9	865.4	798.9	727.9
-32.5°	1209.8	1159.7	1112.3	1063.1	999.3	946.5	891.8	830.8	763.4	700.5	649.5
-35°	1013.9	960.2	940.1	903.7	858.1	811.7	771.6	727.9	676.8	621.3	579.4
-37.5°	849.0	817.1	788.9	768.9	738.8	701.4	669.6	637.7	598.5	556.6	514.7
-40°	720.6	698.7	667.7	657.7	638.6	613.1	580.3	555.7	529.3	497.4	461.9
-42.5°	617.6	601.2	581.2	563.9	555.7	537.5	512.0	488.3	467.3	445.5	418.1
-45°	532.9	522.0	509.2	493.7	487.4	472.8	454.6	428.2	416.3	398.1	378.0
-47.5°	464.6	459.1	450.0	440.0	430.9	420.0	403.6	387.2	370.8	358.9	343.4
-50°	410.8	407.2	401.7	393.5	381.7	374.4	363.5	348.9	333.4	323.4	312.5
-52.5°	368.0	364.4	360.7	354.4	345.3	338.0	328.9	317.0	304.3	294.2	285.1
-55°	335.2	329.8	327.0	321.6	314.3	306.1	297.9	289.7	278.8	269.6	260.5
-57.5°	309.7	302.4	298.8	294.2	287.0	278.8	272.4	264.2	256.9	246.9	238.7
-60°	289.7	281.5	274.2	269.6	263.3	255.1	248.7	242.3	235.0	226.8	216.8
-62.5°	273.3	263.3	253.2	247.8	241.4	234.1	227.7	221.4	214.1	205.9	196.8
-65°	257.8	246.0	233.2	227.7	221.4	214.1	205.9	201.3	194.9	187.7	178.5
-67.5°	238.7	225.9	215.0	208.6	202.2	195.9	188.6	184.0	177.6	168.5	159.4
-70°	210.4	202.2	194.9	189.5	184.0	178.5	171.3	164.0	156.7	148.5	140.3
-72.5°	174.9	172.2	171.3	168.5	162.2	155.8	148.5	141.2	134.8	128.4	122.1
-75°	141.2	143.0	144.8	143.9	137.6	131.2	124.8	118.4	113.9	108.4	102.9
-77.5°	112.0	113.9	115.7	115.7	111.1	107.5	102.9	98.4	94.7	90.2	84.7
-80°	86.5	89.3	92.0	93.8	90.2	87.5	83.8	80.2	76.5	72.9	69.2
-82.5°	65.6	68.3	71.1	72.9	70.1	68.3	65.6	62.9	60.1	56.5	53.7
-85°	47.4	49.2	51.0	51.9	50.1	48.3	46.5	44.6	42.8	40.1	38.3
-87.5°	27.3	28.2	29.2	30.1	28.2	26.4	25.5	23.7	22.8	21.0	20.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P721960
 CATALOG NUMBER: IFLD-S-SA2B-722-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°	22.8	21.0	19.1	18.2	16.4	13.7	11.8	10.0	8.2	6.4	5.5
85°	48.3	43.7	38.3	35.5	31.9	28.2	24.6	21.0	17.3	13.7	10.0
82.5°	82.9	77.4	72.0	65.6	57.4	47.4	37.3	31.0	25.5	20.0	15.5
80°	124.8	114.8	105.7	97.5	88.4	75.6	61.9	49.2	34.6	26.4	20.0
77.5°	173.1	161.2	148.5	134.8	120.2	102.9	87.5	71.1	53.7	36.4	25.5
75°	227.7	212.3	194.9	175.8	156.7	133.9	112.0	92.9	72.9	51.0	31.0
72.5°	288.8	269.6	248.7	223.2	193.1	166.7	140.3	114.8	91.1	64.7	41.9
70°	367.1	337.1	306.1	278.8	240.5	198.6	167.6	138.5	108.4	79.3	52.8
67.5°	450.9	414.5	377.1	337.1	288.8	239.6	194.9	162.2	126.6	92.9	62.9
65°	542.0	496.5	449.1	404.5	338.0	279.7	229.6	184.9	143.9	105.7	72.9
62.5°	635.9	582.1	527.4	469.1	392.6	320.7	262.4	210.4	160.3	117.5	82.0
60°	736.1	673.2	606.7	533.8	444.5	365.3	293.3	236.9	177.6	129.4	92.0
57.5°	841.7	773.4	695.1	596.7	498.3	408.1	328.9	260.5	193.1	140.3	99.3
55°	956.5	878.2	792.5	662.3	551.1	450.9	364.4	284.2	209.5	149.4	106.6
52.5°	1080.4	989.3	880.9	731.5	606.7	494.7	397.2	305.2	225.0	159.4	113.0
50°	1218.9	1104.1	958.3	795.3	655.0	535.6	430.0	327.9	237.8	170.4	118.4
47.5°	1362.8	1238.9	1027.6	854.5	704.2	575.7	463.7	348.0	250.5	179.5	123.9
45°	1513.1	1332.7	1099.5	907.3	747.0	612.2	489.2	366.2	266.0	187.7	128.4
42.5°	1661.6	1403.8	1162.4	960.2	787.1	645.0	510.1	383.5	278.8	195.9	133.0
40°	1731.7	1457.5	1212.5	996.6	820.8	674.1	528.4	399.0	289.7	201.3	137.6
37.5°	1760.9	1490.3	1245.3	1031.2	847.2	689.6	543.8	412.7	298.8	206.8	141.2
35°	1767.3	1502.2	1261.7	1054.9	869.1	704.2	555.7	422.7	306.1	212.3	144.8
32.5°	1755.4	1498.5	1266.2	1063.1	882.7	715.1	563.9	430.0	311.5	217.7	148.5
30°	1729.0	1479.4	1249.8	1062.2	892.7	721.5	569.4	435.4	317.0	221.4	150.3
27.5°	1686.2	1445.7	1228.9	1063.1	898.2	724.2	572.1	438.2	320.7	224.1	154.0
25°	1633.4	1400.2	1229.8	1061.3	899.1	725.1	572.1	438.2	321.6	225.0	156.7
22.5°	1572.3	1400.2	1229.8	1058.5	893.7	723.3	569.4	436.4	321.6	226.8	159.4
20°	1576.0	1401.1	1227.1	1053.1	885.5	717.8	563.0	431.8	318.8	229.6	161.2
17.5°	1578.7	1399.2	1221.6	1045.8	874.5	708.7	554.8	425.4	318.8	232.3	162.2
15°	1578.7	1393.8	1213.4	1034.9	860.9	696.0	542.9	420.0	319.7	233.2	164.0
12.5°	1576.0	1383.8	1200.6	1020.3	844.5	680.5	535.6	418.1	319.7	234.1	164.0
10°	1570.5	1370.1	1184.3	1002.1	829.0	675.0	532.0	414.5	317.9	234.1	164.0
7.5°	1560.5	1353.7	1170.6	991.1	819.9	668.6	526.5	409.0	315.2	232.3	165.8
5°	1545.0	1344.6	1159.7	978.4	807.1	664.1	522.9	404.5	313.4	232.3	164.0
2.5°	1525.0	1333.6	1146.9	962.0	792.5	648.6	511.1	394.4	307.0	228.7	162.2
0°	1492.2	1311.8	1125.0	939.2	772.5	633.1	499.2	384.4	300.6	225.0	160.3
-2.5°	1462.1	1282.6	1096.8	915.5	753.4	619.5	490.1	379.0	297.9	224.1	159.4
-5°	1420.2	1242.6	1059.5	884.5	727.9	605.8	481.0	372.6	295.2	222.3	159.4
-7.5°	1373.7	1200.6	1020.3	852.7	702.4	582.1	463.7	362.6	288.8	218.6	158.5
-10°	1301.8	1137.8	971.1	816.2	675.0	561.2	449.1	353.5	283.3	215.0	154.9
-12.5°	1225.2	1068.6	914.6	771.6	644.1	539.3	432.7	343.4	276.9	211.3	153.0
-15°	1144.2	997.5	855.4	725.1	610.3	512.9	415.4	332.5	270.6	206.8	150.3
-17.5°	1059.5	922.8	794.4	677.8	576.6	485.5	397.2	322.5	263.3	202.2	147.6
-20°	970.2	846.3	732.4	629.5	541.1	458.2	378.0	310.6	255.1	196.8	143.9



REPORT NUMBER: P721960
 CATALOG NUMBER: IFLD-S-SA2B-722-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	881.8	770.7	668.6	582.1	504.7	430.0	358.9	298.8	246.0	190.4	141.2
-25°	803.5	699.6	612.2	536.6	469.1	402.6	338.9	287.0	235.9	184.0	137.6
-27.5°	726.9	638.6	556.6	493.7	434.5	376.2	319.7	274.2	225.9	176.7	133.9
-30°	655.9	580.3	512.9	451.8	401.7	352.5	303.4	261.4	215.0	169.4	129.4
-32.5°	591.2	530.2	473.7	415.4	370.8	328.9	287.9	248.7	204.1	162.2	124.8
-35°	531.1	483.7	434.5	385.3	339.8	307.0	271.5	235.0	194.0	154.0	120.2
-37.5°	477.3	439.1	399.9	358.0	318.8	286.0	256.0	221.4	184.0	146.7	115.7
-40°	430.9	399.9	365.3	331.6	298.8	267.8	240.5	207.7	174.0	141.2	111.1
-42.5°	388.1	364.4	336.1	307.9	278.8	251.4	225.0	193.1	164.0	134.8	106.6
-45°	355.3	331.6	308.8	283.3	258.7	235.0	208.6	180.4	154.9	127.5	102.0
-47.5°	324.3	303.4	282.4	261.4	241.4	219.5	193.1	169.4	144.8	121.2	98.4
-50°	297.0	276.9	258.7	240.5	223.2	202.2	177.6	158.5	136.6	114.8	93.8
-52.5°	271.5	254.2	235.9	221.4	206.8	185.8	165.8	147.6	128.4	107.5	89.3
-55°	248.7	232.3	215.9	202.2	188.6	170.4	154.0	138.5	120.2	102.0	84.7
-57.5°	226.8	213.2	197.7	184.9	171.3	156.7	143.0	128.4	112.0	96.6	80.2
-60°	206.8	194.0	180.4	167.6	155.8	143.9	131.2	119.3	104.8	90.2	75.6
-62.5°	186.7	175.8	164.0	151.2	142.1	131.2	121.2	109.3	97.5	84.7	67.4
-65°	168.5	158.5	147.6	136.6	128.4	120.2	111.1	100.2	90.2	78.3	60.1
-67.5°	150.3	141.2	132.1	123.0	115.7	109.3	100.2	92.0	83.8	71.1	52.8
-70°	133.0	125.7	117.5	110.2	104.8	97.5	91.1	83.8	76.5	61.9	44.6
-72.5°	116.6	109.3	102.9	97.5	92.9	86.5	81.1	75.6	65.6	51.9	37.3
-75°	97.5	92.9	89.3	84.7	80.2	75.6	71.1	64.7	54.7	41.9	29.2
-77.5°	80.2	77.4	74.7	71.1	67.4	63.8	58.3	51.9	43.7	32.8	23.7
-80°	65.6	62.9	61.0	57.4	54.7	51.0	45.5	40.1	31.9	25.5	19.1
-82.5°	50.1	48.3	46.5	44.6	41.9	38.3	32.8	28.2	23.7	19.1	14.6
-85°	35.5	34.6	32.8	31.0	28.2	25.5	21.9	19.1	16.4	12.8	10.0
-87.5°	18.2	17.3	16.4	15.5	14.6	12.8	10.9	9.1	8.2	6.4	4.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P721960
 CATALOG NUMBER: IFLD-S-SA2B-722-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	3.6	2.7	0.9	0.0
85°	7.3	4.6	1.8	0.0
82.5°	10.9	7.3	2.7	0.0
80°	14.6	9.1	4.6	0.0
77.5°	18.2	10.9	5.5	0.0
75°	21.9	13.7	6.4	0.0
72.5°	24.6	15.5	7.3	0.0
70°	29.2	18.2	8.2	0.0
67.5°	36.4	20.0	9.1	0.0
65°	42.8	21.9	10.0	0.0
62.5°	50.1	23.7	10.9	0.0
60°	56.5	25.5	11.8	0.0
57.5°	62.9	30.1	12.8	0.0
55°	68.3	33.7	13.7	0.0
52.5°	74.7	37.3	14.6	0.0
50°	80.2	41.0	15.5	0.0
47.5°	84.7	44.6	15.5	0.0
45°	88.4	47.4	16.4	0.0
42.5°	91.1	50.1	17.3	0.0
40°	93.8	52.8	18.2	0.0
37.5°	96.6	55.6	18.2	0.0
35°	99.3	58.3	19.1	0.0
32.5°	102.0	61.0	19.1	0.0
30°	103.8	62.9	20.0	0.0
27.5°	106.6	64.7	20.0	0.0
25°	107.5	66.5	21.0	0.0
22.5°	109.3	67.4	21.0	0.0
20°	111.1	69.2	21.0	0.0
17.5°	112.0	70.1	21.9	0.0
15°	112.0	71.1	22.8	0.0
12.5°	113.0	72.0	22.8	0.0
10°	113.0	73.8	21.9	0.0
7.5°	114.8	72.9	21.9	0.0
5°	113.9	72.9	21.9	0.0
2.5°	113.0	72.0	21.9	0.0
0°	112.0	72.0	21.9	0.0
-2.5°	112.0	72.0	21.9	0.0
-5°	112.0	72.0	21.9	0.0
-7.5°	111.1	72.9	21.9	0.0
-10°	109.3	72.9	21.9	0.0
-12.5°	108.4	70.1	21.9	0.0
-15°	107.5	69.2	21.9	0.0
-17.5°	105.7	68.3	21.0	0.0
-20°	103.8	67.4	21.0	0.0



REPORT NUMBER: P721960

CATALOG NUMBER: IFLD-S-SA2B-722-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	102.0	65.6	21.0	0.0
-25°	100.2	63.8	20.0	0.0
-27.5°	98.4	61.9	20.0	0.0
-30°	95.7	60.1	19.1	0.0
-32.5°	92.9	58.3	19.1	0.0
-35°	91.1	55.6	18.2	0.0
-37.5°	88.4	52.8	18.2	0.0
-40°	85.6	50.1	17.3	0.0
-42.5°	82.9	47.4	16.4	0.0
-45°	79.3	44.6	16.4	0.0
-47.5°	76.5	41.9	15.5	0.0
-50°	72.0	38.3	14.6	0.0
-52.5°	66.5	34.6	13.7	0.0
-55°	61.0	31.9	12.8	0.0
-57.5°	55.6	28.2	12.8	0.0
-60°	50.1	24.6	11.8	0.0
-62.5°	44.6	22.8	10.9	0.0
-65°	39.2	21.0	10.0	0.0
-67.5°	32.8	18.2	9.1	0.0
-70°	27.3	16.4	8.2	0.0
-72.5°	23.7	14.6	7.3	0.0
-75°	20.0	12.8	6.4	0.0
-77.5°	17.3	10.9	5.5	0.0
-80°	13.7	8.2	3.6	0.0
-82.5°	10.0	6.4	2.7	0.0
-85°	6.4	4.6	1.8	0.0
-87.5°	3.6	1.8	0.9	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)