

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: P722088

Luminaire Tested: **IFLD-S-SA6D-740-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722088
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6D-740-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 4000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

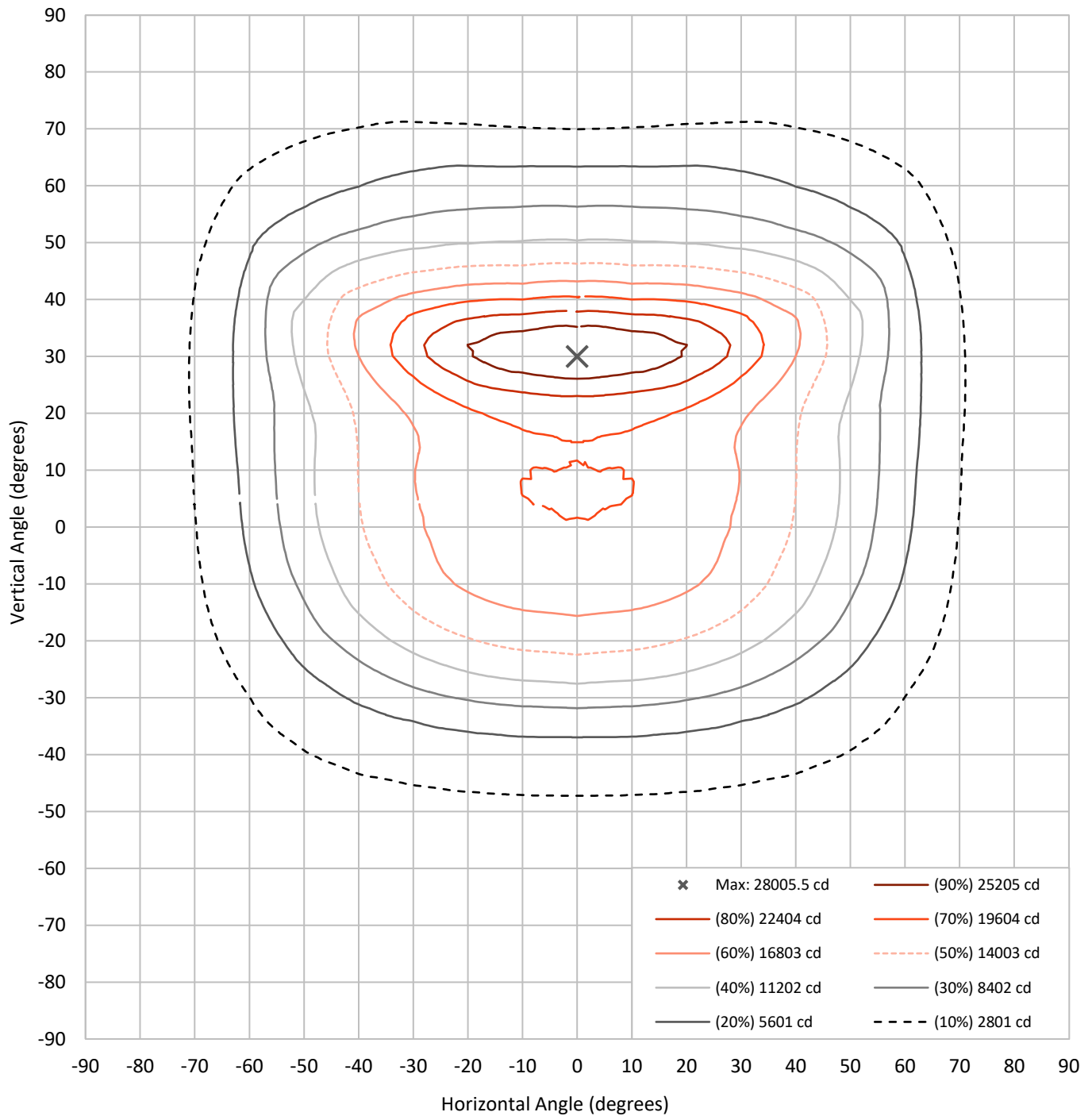
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	46748.3 lumens	Max Intensity:	28005.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	127.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	27184.7 lumens	Field Lumens:	43809.2 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 368.2
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



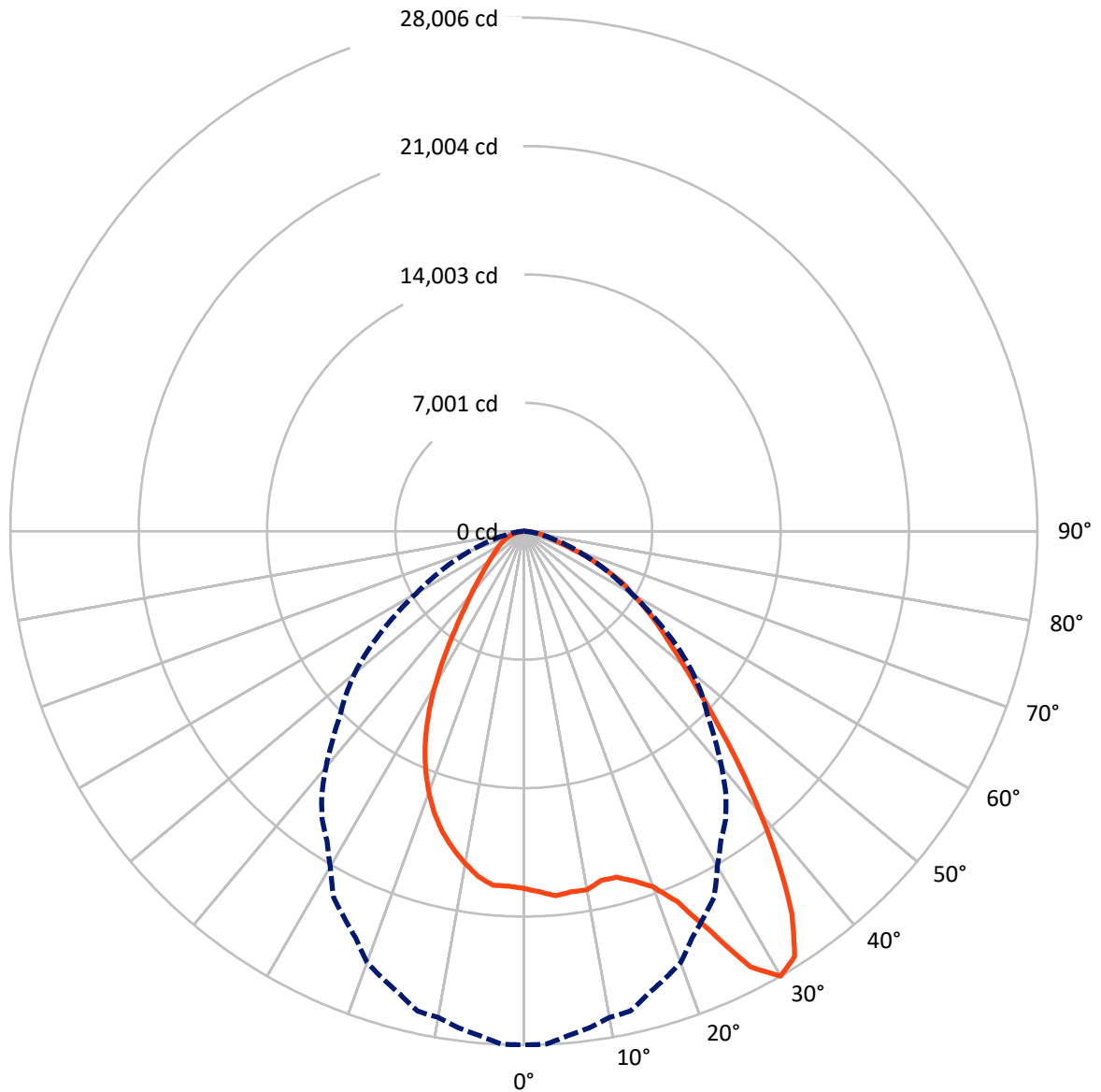
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Iso-Candela Plot



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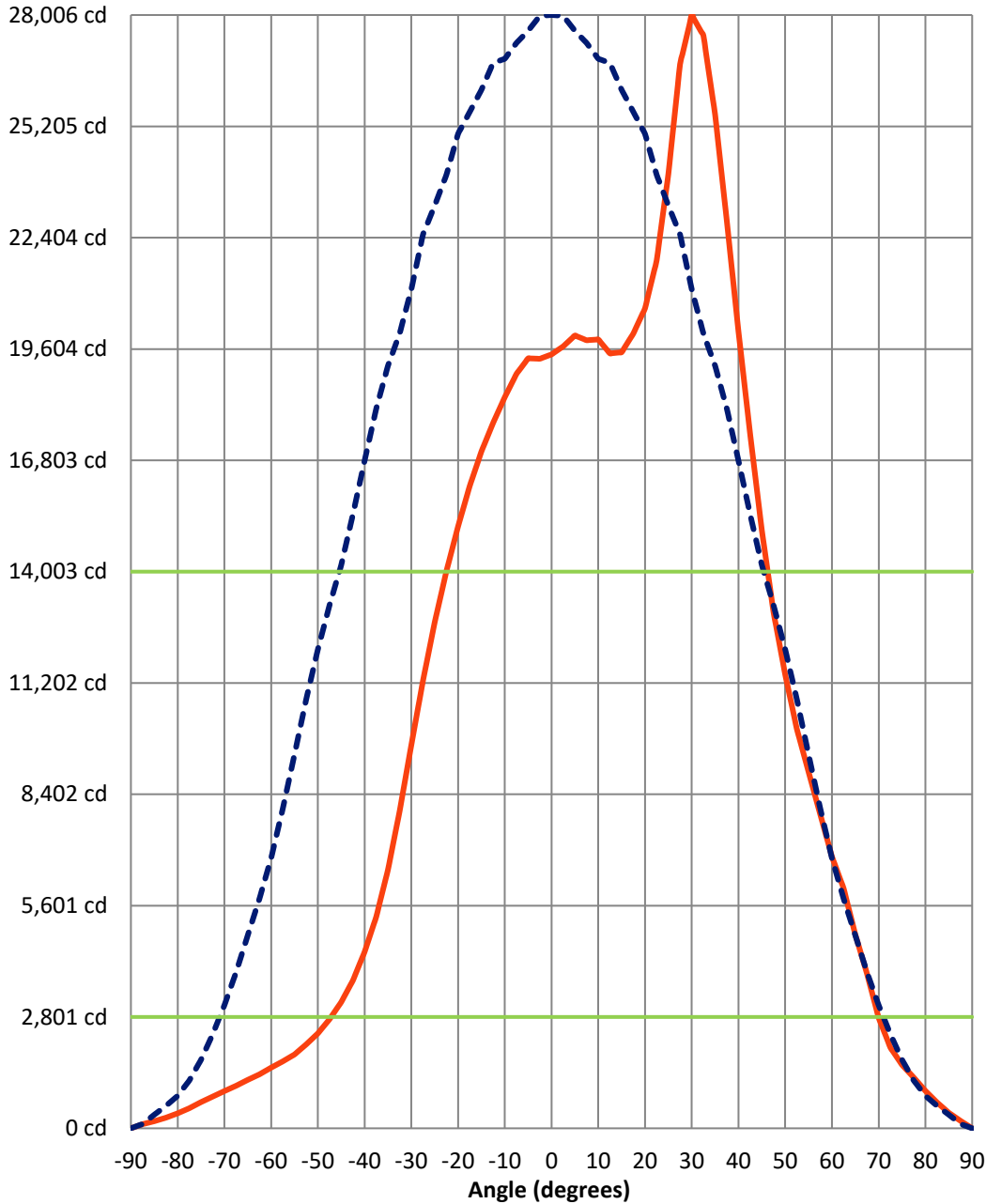
Luminous Intensity Polar Plot



— 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: 27184.7
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 43809.2
 Efficiency: 93.7%

Spill:
 Lumens: 2939.1
 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°	188.2	193.1	198.1	198.1	193.1	193.1	193.1	188.2	193.1	193.1	193.1
85°	391.2	401.1	411.0	406.1	401.1	391.2	381.3	386.3	391.2	396.2	396.2
82.5°	648.8	663.6	673.5	668.6	658.7	648.8	638.9	643.8	653.7	658.7	658.7
80°	940.9	945.9	950.9	960.8	945.9	945.9	940.9	960.8	970.7	980.6	990.5
77.5°	1277.7	1282.7	1282.7	1287.6	1292.6	1297.5	1297.5	1332.2	1356.9	1371.8	1386.7
75°	1594.7	1609.5	1624.4	1639.2	1659.0	1668.9	1683.8	1733.3	1772.9	1802.7	1832.4
72.5°	2030.5	2050.3	2075.0	2109.7	2144.4	2169.1	2203.8	2263.2	2307.8	2337.5	2372.2
70°	2778.3	2798.1	2822.8	2847.6	2882.3	2907.0	2941.7	3016.0	3060.6	3080.4	3100.2
67.5°	3887.6	3937.1	3981.7	3932.2	3907.4	3872.7	3882.6	3952.0	3996.5	4026.3	4021.3
65°	4873.1	4907.8	4907.8	4902.8	4883.0	4838.4	4863.2	4947.4	4996.9	5021.7	4947.4
62.5°	6032.0	6032.0	6007.2	6046.8	6051.8	6022.1	6007.2	6012.2	6017.1	6032.0	5908.2
60°	6834.2	6883.8	6898.6	6933.3	6943.2	6943.2	6968.0	6987.8	6987.8	6958.1	6814.4
57.5°	7894.0	7988.1	8008.0	7983.2	7933.7	7869.3	7859.4	7829.7	7770.2	7710.8	7641.5
55°	8963.8	9013.3	9008.3	8993.5	8943.9	8869.7	8879.6	8839.9	8745.9	8671.6	8577.5
52.5°	10038.4	10157.3	10177.1	10147.4	10078.0	9998.8	10003.8	9959.2	9865.1	9785.8	9657.1
50°	11410.2	11509.3	11499.4	11449.8	11350.8	11291.4	11296.3	11212.1	11103.2	11078.4	10910.0
47.5°	12980.1	13094.0	13074.2	13004.9	12871.2	12846.4	12871.2	12762.2	12697.8	12643.4	12445.3
45°	15040.3	15174.0	15099.7	14966.0	14753.1	14777.8	14812.5	14792.7	14654.0	14510.4	14257.8
42.5°	17457.0	17541.2	17452.1	17318.4	17050.9	17100.5	17080.7	16961.8	16877.6	16639.9	16318.0
40°	20042.2	20225.4	20086.7	19878.7	19601.4	19675.7	19621.2	19467.7	19269.6	18972.5	18566.4
37.5°	22830.3	22974.0	22815.5	22572.8	22325.2	22300.4	22191.5	21953.8	21671.5	21344.6	20695.9
35°	25499.7	25871.1	25578.9	25192.6	24890.5	24776.6	24672.6	24122.9	23801.0	23271.1	22384.6
32.5°	27485.6	27757.9	27396.4	26995.3	26628.8	26470.3	26103.8	25450.1	25276.8	24162.5	23350.3
30°	28005.5	27985.7	27609.4	27302.3	26906.1	26797.2	26123.7	25569.0	25014.3	23984.2	23211.7
27.5°	26767.5	26643.7	26282.1	26014.7	25623.5	25494.7	24831.1	24533.9	23677.2	22805.6	22151.9
25°	24009.0	24073.4	23801.0	23667.3	23409.8	23132.4	22870.0	22468.8	21934.0	21171.3	20572.1
22.5°	21834.9	21919.1	21805.2	21646.7	21448.6	21295.1	21097.0	20785.0	20270.0	19799.5	19234.9
20°	20626.5	20601.8	20502.7	20383.9	20195.7	20086.7	19868.8	19606.4	19210.2	18804.1	18194.9
17.5°	19992.6	19839.1	19745.0	19700.5	19601.4	19462.7	19205.2	18937.8	18630.7	18170.2	17724.5
15°	19522.2	19546.9	19472.6	19438.0	19358.7	19165.6	18903.1	18685.2	18269.2	18036.5	17630.4
12.5°	19492.5	19467.7	19472.6	19457.8	19358.7	19111.1	18977.4	18700.1	18432.7	18125.6	17660.1
10°	19844.1	19581.6	19601.4	19670.7	19512.3	19314.2	19170.6	18868.5	18615.9	18224.7	17764.1
7.5°	19824.3	19690.5	19730.2	19616.3	19665.8	19423.1	19225.0	18922.9	18606.0	18190.0	17774.0
5°	19943.1	19740.1	19705.4	19715.3	19591.5	19408.3	19140.8	18853.6	18556.5	18090.9	17665.0
2.5°	19670.7	19700.5	19542.0	19482.6	19467.7	19160.6	18913.0	18635.7	18328.7	17917.6	17536.3
0°	19467.7	19522.2	19358.7	19274.6	19269.6	19007.1	18848.7	18531.7	18313.8	17972.1	17511.5
-2.5°	19358.7	19423.1	19442.9	19289.4	19140.8	18937.8	18670.4	18328.7	17972.1	17575.9	17179.7
-5°	19368.6	19239.9	19185.4	19234.9	19106.2	18903.1	18606.0	18303.9	17952.3	17526.4	17031.1
-7.5°	18977.4	18848.7	18838.7	18814.0	18784.3	18591.1	18343.5	18016.7	17660.1	17263.9	16803.3
-10°	18393.0	18298.9	18274.2	18249.4	18170.2	18056.3	17823.5	17526.4	17204.5	16808.3	16318.0
-12.5°	17744.3	17699.7	17605.6	17541.2	17462.0	17328.3	17105.4	16833.0	16511.1	16159.5	15738.6
-15°	17026.2	16942.0	16847.9	16793.4	16679.5	16521.0	16298.2	16045.6	15694.0	15347.3	14951.1
-17.5°	16159.5	16055.5	15951.5	15936.7	15857.4	15614.8	15406.8	15099.7	14792.7	14460.9	14074.6
-20°	15139.3	14995.7	14926.4	14886.8	14777.8	14599.5	14376.7	14094.4	13797.3	13480.3	13034.6



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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°	14010.2	13886.4	13767.5	13693.3	13599.2	13460.5	13247.5	12999.9	12707.7	12351.2	11940.1
-25°	12727.5	12554.2	12479.9	12395.7	12346.2	12217.5	12009.5	11781.6	11479.6	11132.9	10741.7
-27.5°	11261.6	11123.0	11083.4	10964.5	10905.1	10771.4	10598.0	10385.1	10107.7	9780.9	9459.0
-30°	9642.2	9558.0	9493.7	9374.8	9330.2	9186.6	9072.7	8894.4	8641.9	8409.1	8151.6
-32.5°	7978.2	7894.0	7874.2	7819.8	7790.0	7696.0	7567.2	7438.4	7235.4	7062.1	6854.1
-35°	6502.4	6443.0	6448.0	6443.0	6413.3	6344.0	6185.5	6150.8	6002.3	5843.8	5710.1
-37.5°	5323.8	5328.7	5323.8	5318.8	5279.2	5249.5	5135.6	5091.0	5001.9	4848.4	4769.1
-40°	4437.3	4447.2	4442.3	4432.4	4387.8	4372.9	4298.6	4239.2	4204.5	4095.6	4011.4
-42.5°	3719.2	3734.1	3729.1	3724.2	3694.5	3689.5	3649.9	3580.6	3560.7	3496.4	3407.2
-45°	3174.5	3169.5	3159.6	3169.5	3154.6	3139.8	3115.0	3070.5	3045.7	3016.0	2941.7
-47.5°	2743.6	2748.6	2738.7	2738.7	2718.8	2704.0	2694.1	2664.4	2644.6	2619.8	2575.2
-50°	2387.0	2406.8	2401.9	2396.9	2382.1	2372.2	2372.2	2342.5	2312.7	2302.8	2273.1
-52.5°	2109.7	2124.6	2129.5	2139.4	2144.4	2149.3	2134.5	2104.7	2055.2	2050.3	2035.4
-55°	1857.1	1901.7	1931.4	1951.2	1971.0	1985.9	1956.2	1916.6	1867.0	1847.2	1842.3
-57.5°	1683.8	1728.4	1763.0	1792.8	1817.5	1842.3	1812.6	1772.9	1728.4	1703.6	1698.7
-60°	1525.3	1564.9	1599.6	1639.2	1673.9	1713.5	1698.7	1668.9	1644.2	1624.4	1604.6
-62.5°	1356.9	1396.6	1436.2	1485.7	1530.3	1569.9	1574.8	1569.9	1564.9	1569.9	1535.2
-65°	1218.3	1238.1	1262.8	1317.3	1366.8	1411.4	1436.2	1451.0	1475.8	1500.6	1465.9
-67.5°	1069.7	1094.5	1124.2	1163.8	1203.4	1233.1	1267.8	1307.4	1347.0	1386.7	1361.9
-70°	936.0	955.8	980.6	1000.4	1025.1	1044.9	1074.7	1119.2	1163.8	1203.4	1193.5
-72.5°	797.3	817.1	832.0	841.9	856.8	866.7	881.5	921.1	950.9	970.7	970.7
-75°	658.7	678.5	693.3	698.3	708.2	713.1	723.0	737.9	752.8	757.7	762.7
-77.5°	505.1	524.9	539.8	549.7	559.6	569.5	574.5	584.4	589.3	589.3	594.3
-80°	376.4	391.2	401.1	416.0	420.9	430.9	440.8	445.7	450.7	450.7	455.6
-82.5°	267.4	277.3	287.2	297.1	307.0	312.0	321.9	326.9	331.8	336.8	341.7
-85°	178.3	188.2	198.1	208.0	213.0	217.9	222.9	227.8	232.8	237.7	242.7
-87.5°	104.0	109.0	113.9	123.8	128.8	138.7	143.6	138.7	143.6	143.6	143.6
-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):

	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°	193.1	193.1	193.1	193.1	188.2	178.3	173.3	163.4	153.5	143.6	133.7
85°	401.1	406.1	406.1	406.1	396.2	391.2	376.4	361.5	341.7	312.0	287.2
82.5°	668.6	673.5	673.5	668.6	658.7	643.8	624.0	599.2	559.6	520.0	485.3
80°	1005.3	1010.3	1010.3	1005.3	980.6	955.8	931.0	901.3	851.8	797.3	737.9
77.5°	1406.5	1416.4	1416.4	1401.5	1366.8	1337.1	1297.5	1248.0	1173.7	1094.5	1015.2
75°	1872.0	1896.8	1901.7	1886.8	1842.3	1787.8	1723.4	1639.2	1525.3	1426.3	1332.2
72.5°	2411.8	2436.6	2456.4	2436.6	2372.2	2297.9	2203.8	2104.7	1990.8	1857.1	1698.7
70°	3120.0	3144.7	3159.6	3095.2	2981.3	2857.5	2743.6	2629.7	2496.0	2332.6	2159.2
67.5°	4011.4	3986.6	3956.9	3828.2	3684.5	3536.0	3377.5	3209.1	3035.8	2862.5	2659.4
65°	4868.2	4798.8	4734.4	4580.9	4397.7	4204.5	4021.3	3833.1	3625.1	3407.2	3214.1
62.5°	5769.5	5620.9	5462.4	5274.3	5086.1	4873.1	4689.9	4467.0	4234.3	3966.8	3719.2
60°	6656.0	6477.7	6319.2	6086.4	5838.8	5551.6	5353.5	5135.6	4863.2	4576.0	4283.8
57.5°	7512.7	7319.6	7146.2	6943.2	6675.8	6363.8	6145.9	5863.6	5576.3	5214.8	4917.7
55°	8424.0	8230.8	8092.1	7864.3	7572.1	7284.9	7047.2	6750.1	6348.9	5962.6	5596.2
52.5°	9468.9	9315.4	9166.8	8934.0	8582.4	8290.2	8027.8	7696.0	7275.0	6799.6	6358.8
50°	10637.7	10558.4	10399.9	10127.6	9726.4	9468.9	9122.2	8681.5	8230.8	7730.6	7180.9
47.5°	12187.7	12059.0	11836.1	11539.0	11202.2	10815.9	10350.4	9835.4	9196.5	8641.9	8057.5
45°	14039.9	13802.2	13515.0	13113.8	12697.8	12262.0	11751.9	11098.2	10241.5	9518.4	8904.3
42.5°	16045.6	15723.7	15332.5	14807.5	14267.7	13732.9	13183.2	12291.7	11222.0	10390.0	9696.7
40°	18140.5	17729.4	17239.1	16476.5	15877.2	15188.9	14559.9	13227.7	12088.7	11187.4	10449.5
37.5°	20190.7	19670.7	18848.7	17922.6	17224.3	16659.7	15278.0	13851.7	12831.5	11841.1	11093.3
35°	21760.6	21319.9	19868.8	18908.1	18308.8	17417.4	15689.0	14228.1	13148.5	12326.4	11162.6
32.5°	22691.7	21552.6	20279.9	19309.2	18814.0	17353.0	15718.8	14337.1	13297.1	12375.9	10984.3
30°	22483.7	21106.9	19992.6	19180.5	18105.8	16793.4	15441.4	14168.7	13158.4	12044.1	10786.2
27.5°	21230.7	20166.0	19170.6	18323.7	17268.8	16090.2	14842.2	13723.0	12782.0	11702.4	10513.8
25°	19814.4	18848.7	18110.7	17372.8	16372.5	15248.3	14148.9	13341.6	12395.7	11331.0	10157.3
22.5°	18511.9	17818.6	17239.1	16466.6	15491.0	14510.4	13827.0	12990.0	12019.4	10939.7	9790.8
20°	17679.9	17209.4	16545.8	15694.0	14926.4	14312.3	13554.6	12668.1	11667.7	10538.6	9478.8
17.5°	17278.8	16734.0	15996.1	15441.4	14852.1	14178.6	13331.7	12390.8	11326.0	10355.4	9513.5
15°	17070.8	16496.3	16011.0	15466.2	14802.6	14094.4	13153.4	12177.8	11326.0	10429.7	9538.2
12.5°	17115.3	16620.1	16090.2	15495.9	14782.8	14025.1	13173.3	12267.0	11385.5	10484.1	9543.2
10°	17254.0	16734.0	16169.4	15510.8	14792.7	14044.9	13227.7	12321.5	11415.2	10508.9	9533.3
7.5°	17303.5	16738.9	16134.8	15471.1	14767.9	14035.0	13237.6	12336.3	11420.1	10503.9	9503.6
5°	17150.0	16639.9	16055.5	15387.0	14698.6	13985.4	13198.0	12316.5	11380.5	10454.4	9429.3
2.5°	16942.0	16530.9	15971.3	15327.5	14629.2	13916.1	13133.6	12227.4	11291.4	10365.3	9335.2
0°	16907.3	16397.2	15832.7	15258.2	14515.3	13762.6	12985.1	12059.0	11127.9	10196.9	9171.8
-2.5°	16679.5	16139.7	15575.1	14951.1	14297.4	13539.7	12722.6	11816.3	10895.2	9979.0	8993.5
-5°	16506.2	15907.0	15307.7	14634.2	13975.5	13217.8	12371.0	11489.5	10588.1	9696.7	8745.9
-7.5°	16273.4	15659.3	15030.4	14327.2	13614.0	12841.4	12004.5	11123.0	10236.5	9350.0	8438.8
-10°	15803.0	15263.1	14673.8	13945.8	13193.1	12420.5	11588.5	10721.8	9835.4	8939.0	8022.8
-12.5°	15233.4	14663.9	14020.1	13351.5	12678.0	11959.9	11127.9	10276.1	9384.7	8483.4	7572.1
-15°	14495.5	13935.9	13277.3	12623.5	11974.8	11286.4	10553.5	9785.8	8879.6	7993.1	7081.9
-17.5°	13574.4	13049.4	12460.1	11836.1	11192.3	10499.0	9785.8	9137.1	8290.2	7458.2	6556.9
-20°	12583.9	12093.6	11563.7	10974.4	10330.6	9652.1	8978.6	8300.1	7567.2	6834.2	5997.3



REPORT NUMBER: P722088

CATALOG NUMBER: IFLD-S-SA6D-740-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	11553.8	11058.6	10523.7	9974.0	9379.8	8750.8	8126.8	7478.1	6834.2	6170.6	5462.4
-25°	10365.3	9929.5	9439.2	8904.3	8374.4	7824.7	7230.4	6641.1	6091.4	5516.9	4937.5
-27.5°	9122.2	8721.1	8275.4	7809.9	7354.2	6893.7	6378.6	5833.9	5378.3	4902.8	4422.4
-30°	7814.8	7492.9	7131.4	6725.3	6373.7	6002.3	5571.4	5120.7	4704.7	4343.2	3956.9
-32.5°	6576.7	6304.3	6046.8	5779.4	5432.7	5145.5	4848.4	4516.5	4150.1	3808.4	3531.0
-35°	5512.0	5219.8	5110.8	4912.7	4665.1	4412.5	4194.6	3956.9	3679.6	3377.5	3149.7
-37.5°	4615.6	4442.3	4288.7	4179.8	4016.4	3813.3	3640.0	3466.6	3253.7	3025.9	2798.1
-40°	3917.3	3798.5	3630.1	3575.6	3471.6	3332.9	3154.6	3020.9	2877.3	2704.0	2510.8
-42.5°	3357.7	3268.6	3159.6	3065.5	3020.9	2921.9	2783.2	2654.5	2540.6	2421.7	2273.1
-45°	2897.1	2837.7	2768.4	2684.2	2649.5	2570.3	2471.2	2327.6	2263.2	2164.2	2055.2
-47.5°	2525.7	2496.0	2446.5	2392.0	2342.5	2283.0	2193.9	2104.7	2015.6	1951.2	1867.0
-50°	2233.5	2213.7	2184.0	2139.4	2075.0	2035.4	1976.0	1896.8	1812.6	1758.1	1698.7
-52.5°	2000.8	1980.9	1961.1	1926.5	1876.9	1837.3	1787.8	1723.4	1654.1	1599.6	1550.1
-55°	1822.5	1792.8	1777.9	1748.2	1708.6	1664.0	1619.4	1574.8	1515.4	1465.9	1416.4
-57.5°	1683.8	1644.2	1624.4	1599.6	1560.0	1515.4	1480.8	1436.2	1396.6	1342.1	1297.5
-60°	1574.8	1530.3	1490.7	1465.9	1431.2	1386.7	1352.0	1317.3	1277.7	1233.1	1178.7
-62.5°	1485.7	1431.2	1376.8	1347.0	1312.4	1272.8	1238.1	1203.4	1163.8	1119.2	1069.7
-65°	1401.5	1337.1	1267.8	1238.1	1203.4	1163.8	1119.2	1094.5	1059.8	1020.2	970.7
-67.5°	1297.5	1228.2	1168.8	1134.1	1099.4	1064.8	1025.1	1000.4	965.7	916.2	866.7
-70°	1144.0	1099.4	1059.8	1030.1	1000.4	970.7	931.0	891.4	851.8	807.2	762.7
-72.5°	950.9	936.0	931.0	916.2	881.5	846.9	807.2	767.6	732.9	698.3	663.6
-75°	767.6	777.5	787.4	782.5	747.8	713.1	678.5	643.8	619.0	589.3	559.6
-77.5°	609.1	619.0	628.9	628.9	604.2	584.4	559.6	534.9	515.0	490.3	460.6
-80°	470.5	485.3	500.2	510.1	490.3	475.4	455.6	435.8	416.0	396.2	376.4
-82.5°	356.6	371.4	386.3	396.2	381.3	371.4	356.6	341.7	326.9	307.0	292.2
-85°	257.5	267.4	277.3	282.3	272.4	262.5	252.6	242.7	232.8	217.9	208.0
-87.5°	148.6	153.5	158.5	163.4	153.5	143.6	138.7	128.8	123.8	113.9	109.0
-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°	123.8	113.9	104.0	99.0	89.1	74.3	64.4	54.5	44.6	34.7	29.7
85°	262.5	237.7	208.0	193.1	173.3	153.5	133.7	113.9	94.1	74.3	54.5
82.5°	450.7	420.9	391.2	356.6	312.0	257.5	203.0	168.4	138.7	109.0	84.2
80°	678.5	624.0	574.5	529.9	480.4	411.0	336.8	267.4	188.2	143.6	109.0
77.5°	940.9	876.6	807.2	732.9	653.7	559.6	475.4	386.3	292.2	198.1	138.7
75°	1238.1	1153.9	1059.8	955.8	851.8	728.0	609.1	505.1	396.2	277.3	168.4
72.5°	1569.9	1465.9	1352.0	1213.3	1049.9	906.3	762.7	624.0	495.2	351.6	227.8
70°	1995.8	1832.4	1664.0	1515.4	1307.4	1079.6	911.2	752.8	589.3	430.9	287.2
67.5°	2451.4	2253.3	2050.3	1832.4	1569.9	1302.5	1059.8	881.5	688.4	505.1	341.7
65°	2946.6	2699.0	2441.5	2198.8	1837.3	1520.4	1248.0	1005.3	782.5	574.5	396.2
62.5°	3456.7	3164.6	2867.4	2550.5	2134.5	1743.2	1426.3	1144.0	871.6	638.9	445.7
60°	4001.5	3659.8	3298.3	2902.1	2416.7	1985.9	1594.7	1287.6	965.7	703.2	500.2
57.5°	4576.0	4204.5	3778.6	3243.8	2708.9	2218.7	1787.8	1416.4	1049.9	762.7	539.8
55°	5200.0	4774.1	4308.5	3600.4	2996.2	2451.4	1980.9	1545.1	1139.0	812.2	579.4
52.5°	5873.5	5378.3	4788.9	3976.7	3298.3	2689.1	2159.2	1659.0	1223.2	866.7	614.1
50°	6626.2	6002.3	5209.9	4323.4	3560.7	2912.0	2337.5	1782.8	1292.6	926.1	643.8
47.5°	7408.7	6735.2	5586.3	4645.3	3828.2	3129.9	2520.7	1891.8	1361.9	975.6	673.5
45°	8225.9	7245.3	5977.5	4932.5	4060.9	3328.0	2659.4	1990.8	1446.1	1020.2	698.3
42.5°	9033.1	7631.6	6319.2	5219.8	4278.8	3506.3	2773.3	2084.9	1515.4	1064.8	723.0
40°	9414.4	7923.8	6591.6	5417.9	4462.1	3664.7	2872.4	2169.1	1574.8	1094.5	747.8
37.5°	9572.9	8102.0	6769.9	5606.1	4605.7	3748.9	2956.6	2243.4	1624.4	1124.2	767.6
35°	9607.6	8166.4	6859.0	5734.8	4724.5	3828.2	3020.9	2297.9	1664.0	1153.9	787.4
32.5°	9543.2	8146.6	6883.8	5779.4	4798.8	3887.6	3065.5	2337.5	1693.7	1183.6	807.2
30°	9399.6	8042.6	6794.6	5774.4	4853.3	3922.3	3095.2	2367.2	1723.4	1203.4	817.1
27.5°	9166.8	7859.4	6680.7	5779.4	4883.0	3937.1	3110.1	2382.1	1743.2	1218.3	836.9
25°	8879.6	7611.8	6685.7	5769.5	4888.0	3942.1	3110.1	2382.1	1748.2	1223.2	851.8
22.5°	8547.8	7611.8	6685.7	5754.6	4858.3	3932.2	3095.2	2372.2	1748.2	1233.1	866.7
20°	8567.6	7616.7	6670.8	5724.9	4813.7	3902.5	3060.6	2347.4	1733.3	1248.0	876.6
17.5°	8582.4	7606.8	6641.1	5685.3	4754.3	3852.9	3016.0	2312.7	1733.3	1262.8	881.5
15°	8582.4	7577.1	6596.5	5625.9	4680.0	3783.6	2951.6	2283.0	1738.3	1267.8	891.4
12.5°	8567.6	7522.6	6527.2	5546.6	4590.8	3699.4	2912.0	2273.1	1738.3	1272.8	891.4
10°	8537.9	7448.3	6438.1	5447.6	4506.6	3669.7	2892.2	2253.3	1728.4	1272.8	891.4
7.5°	8483.4	7359.2	6363.8	5388.2	4457.1	3635.0	2862.5	2223.6	1713.5	1262.8	901.3
5°	8399.2	7309.7	6304.3	5318.8	4387.8	3610.3	2842.6	2198.8	1703.6	1262.8	891.4
2.5°	8290.2	7250.2	6235.0	5229.7	4308.5	3526.1	2778.3	2144.4	1668.9	1243.0	881.5
0°	8112.0	7131.4	6116.2	5105.9	4199.6	3441.9	2713.9	2089.9	1634.3	1223.2	871.6
-2.5°	7948.5	6972.9	5962.6	4977.1	4095.6	3367.6	2664.4	2060.2	1619.4	1218.3	866.7
-5°	7720.7	6755.0	5759.6	4808.7	3956.9	3293.3	2614.8	2025.5	1604.6	1208.4	866.7
-7.5°	7468.1	6527.2	5546.6	4635.4	3818.3	3164.6	2520.7	1971.0	1569.9	1188.6	861.7
-10°	7076.9	6185.5	5279.2	4437.3	3669.7	3050.6	2441.5	1921.5	1540.2	1168.8	841.9
-12.5°	6660.9	5809.1	4972.2	4194.6	3501.3	2931.8	2352.4	1867.0	1505.5	1148.9	832.0
-15°	6220.2	5422.8	4650.3	3942.1	3318.1	2788.2	2258.3	1807.6	1470.8	1124.2	817.1
-17.5°	5759.6	5016.7	4318.5	3684.5	3134.8	2639.6	2159.2	1753.1	1431.2	1099.4	802.3
-20°	5274.3	4600.7	3981.7	3422.1	2941.7	2491.0	2055.2	1688.8	1386.7	1069.7	782.5



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CATALOG NUMBER: IFLD-S-SA6D-740-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	4793.9	4189.7	3635.0	3164.6	2743.6	2337.5	1951.2	1624.4	1337.1	1035.0	767.6
-25°	4368.0	3803.4	3328.0	2916.9	2550.5	2188.9	1842.3	1560.0	1282.7	1000.4	747.8
-27.5°	3952.0	3471.6	3025.9	2684.2	2362.3	2045.3	1738.3	1490.7	1228.2	960.8	728.0
-30°	3565.7	3154.6	2788.2	2456.4	2184.0	1916.6	1649.1	1421.3	1168.8	921.1	703.2
-32.5°	3214.1	2882.3	2575.2	2258.3	2015.6	1787.8	1564.9	1352.0	1109.3	881.5	678.5
-35°	2887.2	2629.7	2362.3	2094.8	1847.2	1668.9	1475.8	1277.7	1054.9	836.9	653.7
-37.5°	2595.0	2387.0	2174.1	1946.3	1733.3	1555.0	1391.6	1203.4	1000.4	797.3	628.9
-40°	2342.5	2174.1	1985.9	1802.7	1624.4	1456.0	1307.4	1129.1	945.9	767.6	604.2
-42.5°	2109.7	1980.9	1827.4	1673.9	1515.4	1366.8	1223.2	1049.9	891.4	732.9	579.4
-45°	1931.4	1802.7	1678.8	1540.2	1406.5	1277.7	1134.1	980.6	841.9	693.3	554.7
-47.5°	1763.0	1649.1	1535.2	1421.3	1312.4	1193.5	1049.9	921.1	787.4	658.7	534.9
-50°	1614.5	1505.5	1406.5	1307.4	1213.3	1099.4	965.7	861.7	742.9	624.0	510.1
-52.5°	1475.8	1381.7	1282.7	1203.4	1124.2	1010.3	901.3	802.3	698.3	584.4	485.3
-55°	1352.0	1262.8	1173.7	1099.4	1025.1	926.1	836.9	752.8	653.7	554.7	460.6
-57.5°	1233.1	1158.9	1074.7	1005.3	931.0	851.8	777.5	698.3	609.1	524.9	435.8
-60°	1124.2	1054.9	980.6	911.2	846.9	782.5	713.1	648.8	569.5	490.3	411.0
-62.5°	1015.2	955.8	891.4	822.1	772.6	713.1	658.7	594.3	529.9	460.6	366.5
-65°	916.2	861.7	802.3	742.9	698.3	653.7	604.2	544.8	490.3	425.9	326.9
-67.5°	817.1	767.6	718.1	668.6	628.9	594.3	544.8	500.2	455.6	386.3	287.2
-70°	723.0	683.4	638.9	599.2	569.5	529.9	495.2	455.6	416.0	336.8	242.7
-72.5°	633.9	594.3	559.6	529.9	505.1	470.5	440.8	411.0	356.6	282.3	203.0
-75°	529.9	505.1	485.3	460.6	435.8	411.0	386.3	351.6	297.1	227.8	158.5
-77.5°	435.8	420.9	406.1	386.3	366.5	346.7	317.0	282.3	237.7	178.3	128.8
-80°	356.6	341.7	331.8	312.0	297.1	277.3	247.6	217.9	173.3	138.7	104.0
-82.5°	272.4	262.5	252.6	242.7	227.8	208.0	178.3	153.5	128.8	104.0	79.2
-85°	193.1	188.2	178.3	168.4	153.5	138.7	118.9	104.0	89.1	69.3	54.5
-87.5°	99.0	94.1	89.1	84.2	79.2	69.3	59.4	49.5	44.6	34.7	24.8
-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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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	19.8	14.9	5.0	0.0
85°	39.6	24.8	9.9	0.0
82.5°	59.4	39.6	14.9	0.0
80°	79.2	49.5	24.8	0.0
77.5°	99.0	59.4	29.7	0.0
75°	118.9	74.3	34.7	0.0
72.5°	133.7	84.2	39.6	0.0
70°	158.5	99.0	44.6	0.0
67.5°	198.1	109.0	49.5	0.0
65°	232.8	118.9	54.5	0.0
62.5°	272.4	128.8	59.4	0.0
60°	307.0	138.7	64.4	0.0
57.5°	341.7	163.4	69.3	0.0
55°	371.4	183.2	74.3	0.0
52.5°	406.1	203.0	79.2	0.0
50°	435.8	222.9	84.2	0.0
47.5°	460.6	242.7	84.2	0.0
45°	480.4	257.5	89.1	0.0
42.5°	495.2	272.4	94.1	0.0
40°	510.1	287.2	99.0	0.0
37.5°	524.9	302.1	99.0	0.0
35°	539.8	317.0	104.0	0.0
32.5°	554.7	331.8	104.0	0.0
30°	564.6	341.7	109.0	0.0
27.5°	579.4	351.6	109.0	0.0
25°	584.4	361.5	113.9	0.0
22.5°	594.3	366.5	113.9	0.0
20°	604.2	376.4	113.9	0.0
17.5°	609.1	381.3	118.9	0.0
15°	609.1	386.3	123.8	0.0
12.5°	614.1	391.2	123.8	0.0
10°	614.1	401.1	118.9	0.0
7.5°	624.0	396.2	118.9	0.0
5°	619.0	396.2	118.9	0.0
2.5°	614.1	391.2	118.9	0.0
0°	609.1	391.2	118.9	0.0
-2.5°	609.1	391.2	118.9	0.0
-5°	609.1	391.2	118.9	0.0
-7.5°	604.2	396.2	118.9	0.0
-10°	594.3	396.2	118.9	0.0
-12.5°	589.3	381.3	118.9	0.0
-15°	584.4	376.4	118.9	0.0
-17.5°	574.5	371.4	113.9	0.0
-20°	564.6	366.5	113.9	0.0



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CATALOG NUMBER: IFLD-S-SA6D-740-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	554.7	356.6	113.9	0.0
-25°	544.8	346.7	109.0	0.0
-27.5°	534.9	336.8	109.0	0.0
-30°	520.0	326.9	104.0	0.0
-32.5°	505.1	317.0	104.0	0.0
-35°	495.2	302.1	99.0	0.0
-37.5°	480.4	287.2	99.0	0.0
-40°	465.5	272.4	94.1	0.0
-42.5°	450.7	257.5	89.1	0.0
-45°	430.9	242.7	89.1	0.0
-47.5°	416.0	227.8	84.2	0.0
-50°	391.2	208.0	79.2	0.0
-52.5°	361.5	188.2	74.3	0.0
-55°	331.8	173.3	69.3	0.0
-57.5°	302.1	153.5	69.3	0.0
-60°	272.4	133.7	64.4	0.0
-62.5°	242.7	123.8	59.4	0.0
-65°	213.0	113.9	54.5	0.0
-67.5°	178.3	99.0	49.5	0.0
-70°	148.6	89.1	44.6	0.0
-72.5°	128.8	79.2	39.6	0.0
-75°	109.0	69.3	34.7	0.0
-77.5°	94.1	59.4	29.7	0.0
-80°	74.3	44.6	19.8	0.0
-82.5°	54.5	34.7	14.9	0.0
-85°	34.7	24.8	9.9	0.0
-87.5°	19.8	9.9	5.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)