

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: P722156

Luminaire Tested: **IFLD-L-SA7D-760-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722156
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7D-760-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (112) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

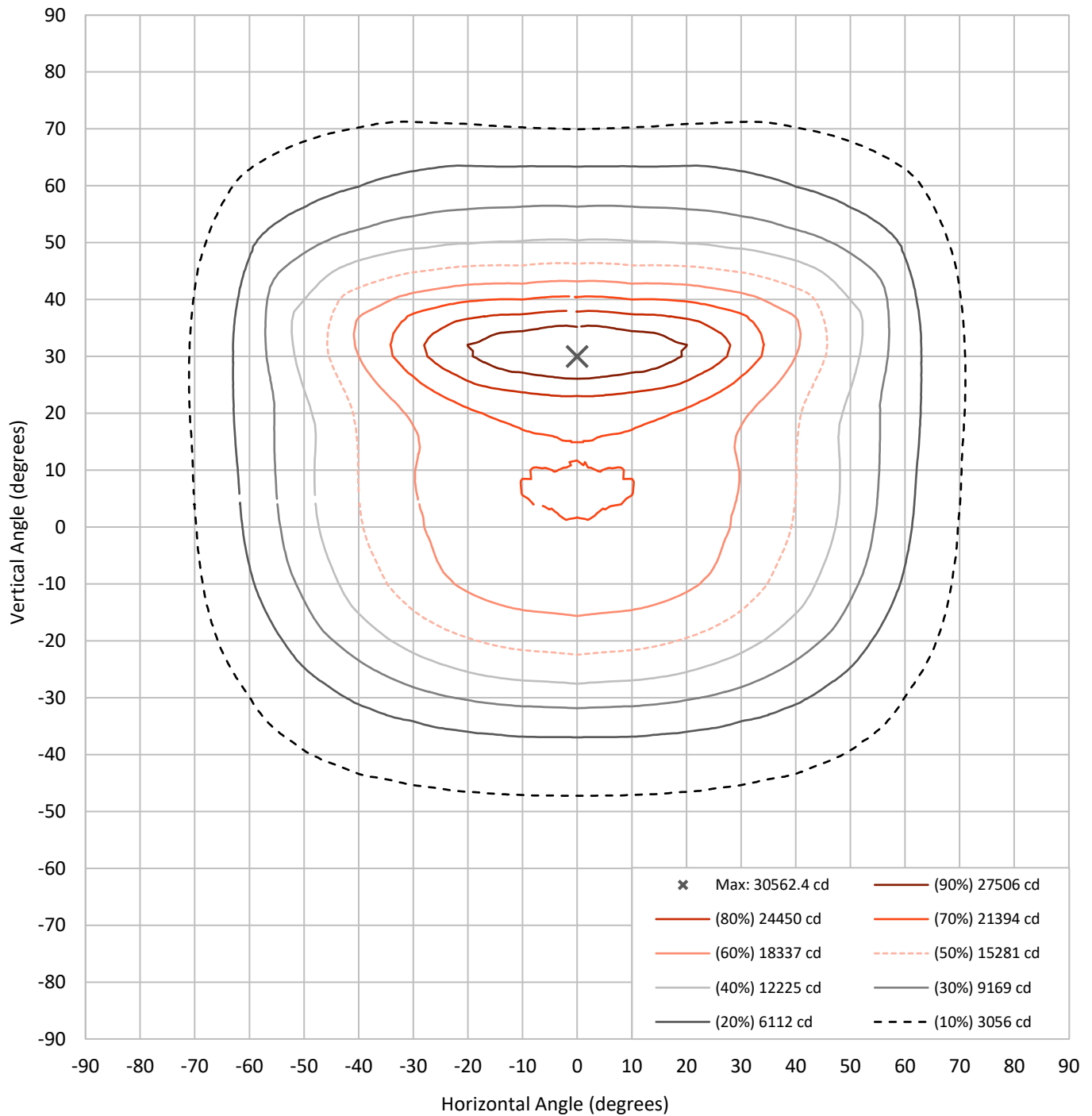
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	51016.3 lumens	Max Intensity:	30562.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	120.7 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	29666.6 lumens	Field Lumens:	47808.9 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 422.6
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



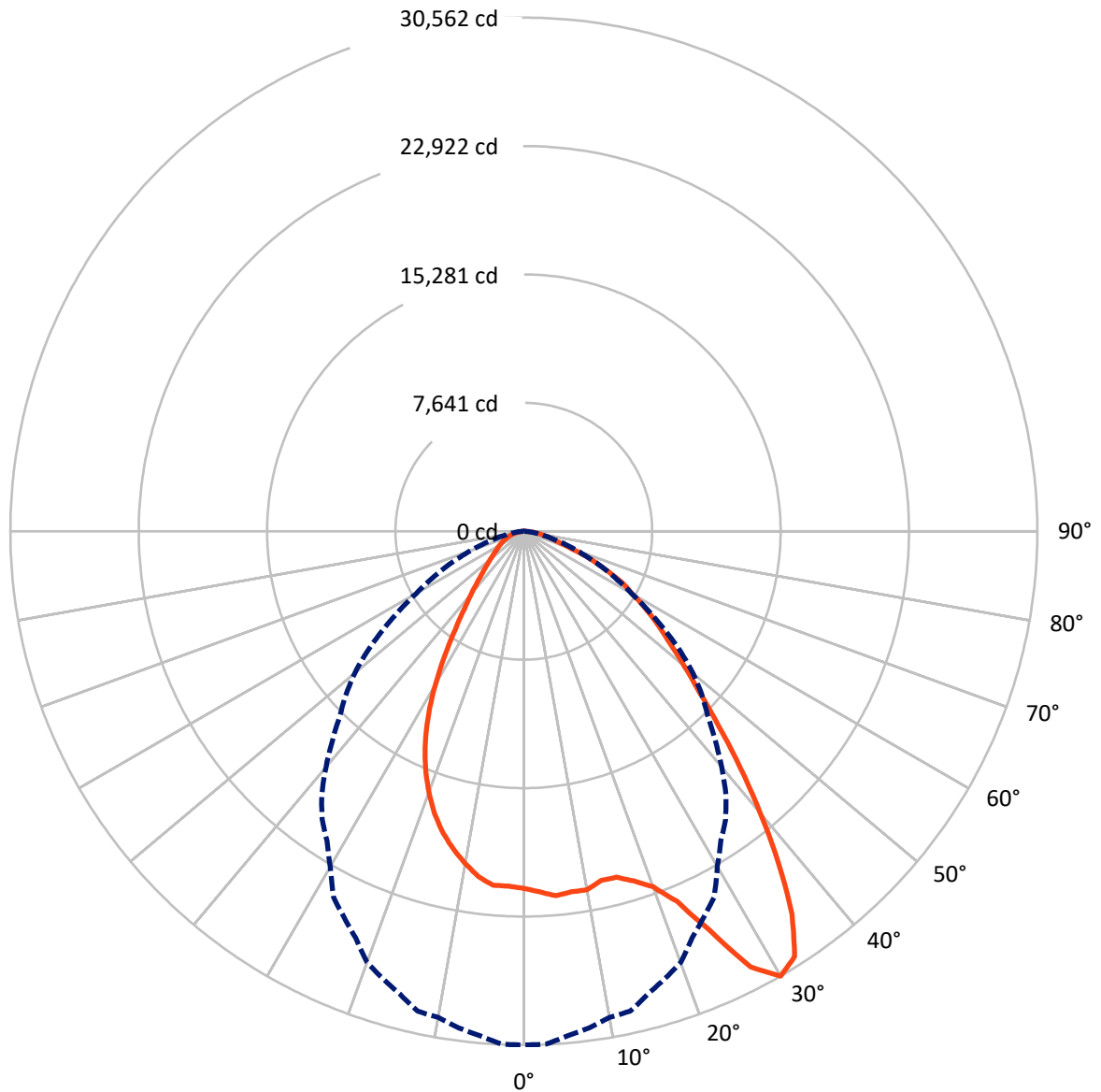
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Iso-Candela Plot



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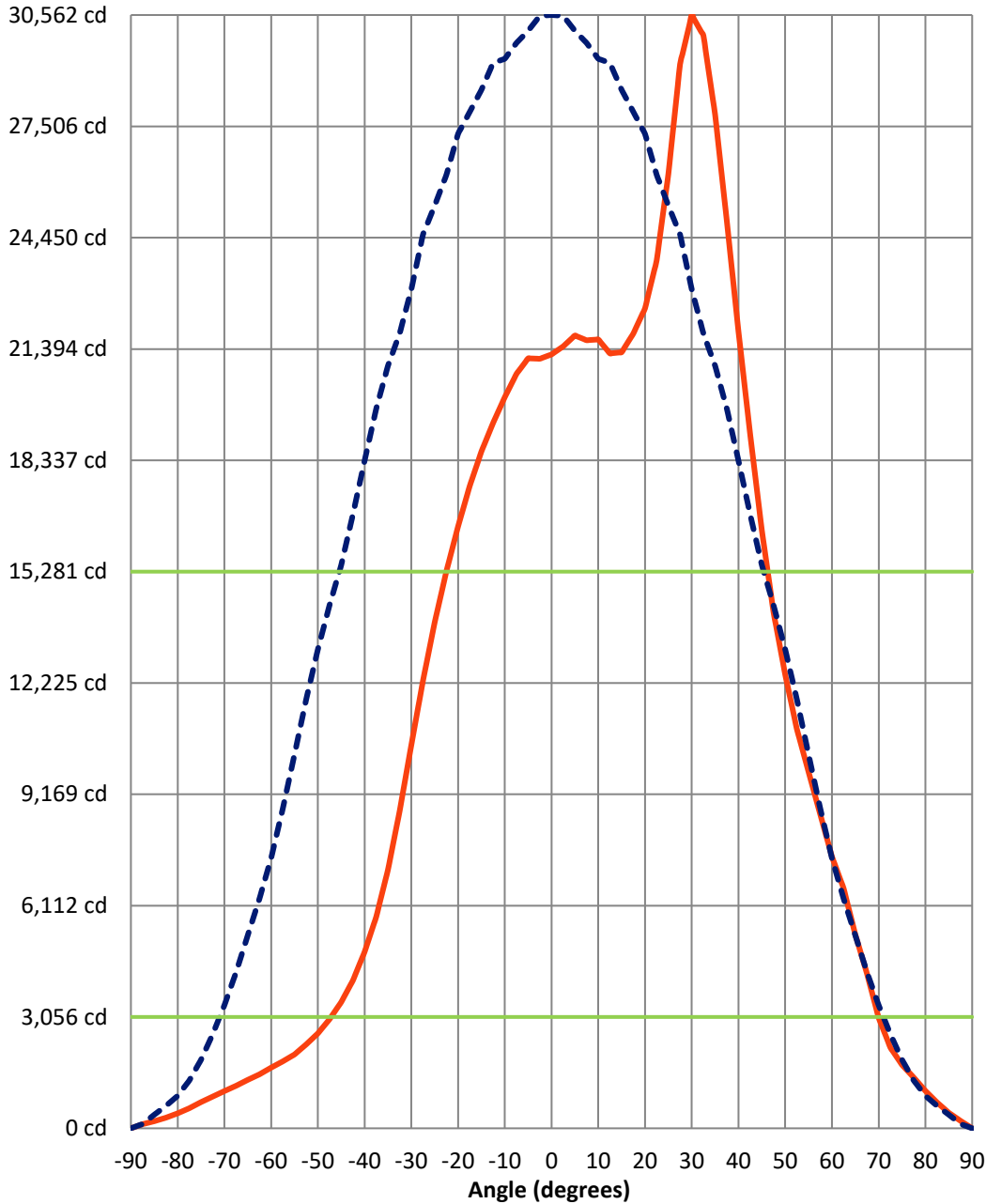
Luminous Intensity Polar Plot



— 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: 29666.6
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 47808.9
 Efficiency: 93.7%

Spill:
 Lumens: 3207.4
 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°	205.4	210.8	216.2	216.2	210.8	210.8	210.8	205.4	210.8	210.8	210.8
85°	427.0	437.8	448.6	443.2	437.8	427.0	416.1	421.6	427.0	432.4	432.4
82.5°	708.0	724.2	735.0	729.6	718.8	708.0	697.2	702.6	713.4	718.8	718.8
80°	1026.9	1032.3	1037.7	1048.5	1032.3	1032.3	1026.9	1048.5	1059.3	1070.1	1080.9
77.5°	1394.4	1399.8	1399.8	1405.2	1410.6	1416.0	1416.0	1453.8	1480.8	1497.0	1513.3
75°	1740.2	1756.5	1772.7	1788.9	1810.5	1821.3	1837.5	1891.6	1934.8	1967.2	1999.7
72.5°	2215.8	2237.5	2264.5	2302.3	2340.1	2367.2	2405.0	2469.9	2518.5	2550.9	2588.7
70°	3031.9	3053.5	3080.6	3107.6	3145.4	3172.4	3210.3	3291.3	3340.0	3361.6	3383.2
67.5°	4242.5	4296.6	4345.2	4291.2	4264.1	4226.3	4237.1	4312.8	4361.4	4393.8	4388.4
65°	5318.0	5355.8	5355.8	5350.4	5328.8	5280.2	5307.2	5399.1	5453.1	5480.2	5399.1
62.5°	6582.7	6582.7	6555.6	6598.9	6604.3	6571.9	6555.6	6561.0	6566.5	6582.7	6447.6
60°	7458.2	7512.2	7528.5	7566.3	7577.1	7577.1	7604.1	7625.7	7625.7	7593.3	7436.6
57.5°	8614.8	8717.4	8739.1	8712.0	8658.0	8587.7	8576.9	8544.5	8479.6	8414.8	8339.1
55°	9782.1	9836.2	9830.8	9814.5	9760.5	9679.4	9690.2	9647.0	9544.3	9463.3	9360.6
52.5°	10954.9	11084.6	11106.2	11073.8	10998.1	10911.7	10917.1	10868.4	10765.7	10679.3	10538.8
50°	12451.9	12560.0	12549.2	12495.2	12387.1	12322.2	12327.6	12235.8	12116.9	12089.8	11906.1
47.5°	14165.2	14289.5	14267.8	14192.2	14046.3	14019.2	14046.3	13927.4	13857.1	13797.7	13581.5
45°	16413.4	16559.3	16478.3	16332.4	16100.0	16127.0	16164.8	16143.2	15991.9	15835.1	15559.5
42.5°	19050.8	19142.7	19045.4	18899.5	18607.6	18661.7	18640.1	18510.4	18418.5	18159.1	17807.8
40°	21872.0	22071.9	21920.6	21693.6	21391.0	21472.0	21412.6	21245.0	21028.9	20704.6	20261.4
37.5°	24914.7	25071.4	24898.5	24633.7	24363.4	24336.4	24217.5	23958.1	23650.0	23293.3	22585.4
35°	27827.7	28233.0	27914.2	27492.6	27163.0	27038.6	26925.2	26325.3	25974.0	25395.7	24428.3
32.5°	29994.9	30292.2	29897.6	29459.9	29059.9	28887.0	28487.1	27773.7	27584.5	26368.5	25482.2
30°	30562.4	30540.8	30130.0	29794.9	29362.6	29243.7	28508.7	27903.4	27298.1	26173.9	25330.8
27.5°	29211.3	29076.1	28681.6	28389.8	27962.8	27822.3	27098.1	26773.8	25838.9	24887.7	24174.3
25°	26201.0	26271.2	25974.0	25828.0	25547.0	25244.4	24957.9	24520.2	23936.5	23104.2	22450.2
22.5°	23828.4	23920.3	23796.0	23623.0	23406.8	23239.3	23023.1	22682.6	22120.6	21607.1	20991.0
20°	22509.7	22482.7	22374.6	22244.9	22039.5	21920.6	21682.8	21396.4	20964.0	20520.8	19856.1
17.5°	21817.9	21650.4	21547.7	21499.1	21391.0	21239.6	20958.6	20666.8	20331.7	19829.1	19342.7
15°	21304.5	21331.5	21250.4	21212.6	21126.1	20915.4	20628.9	20391.1	19937.2	19683.1	19240.0
12.5°	21272.1	21245.0	21250.4	21234.2	21126.1	20855.9	20710.0	20407.3	20115.5	19780.4	19272.4
10°	21655.8	21369.3	21391.0	21466.6	21293.7	21077.5	20920.8	20591.1	20315.5	19888.5	19385.9
7.5°	21634.2	21488.2	21531.5	21407.2	21461.2	21196.4	20980.2	20650.5	20304.7	19850.7	19396.7
5°	21763.9	21542.3	21504.5	21515.3	21380.2	21180.2	20888.3	20574.9	20250.6	19742.6	19277.8
2.5°	21466.6	21499.1	21326.1	21261.3	21245.0	20910.0	20639.7	20337.1	20002.0	19553.4	19137.3
0°	21245.0	21304.5	21126.1	21034.3	21028.9	20742.4	20569.5	20223.6	19985.8	19612.9	19110.3
-2.5°	21126.1	21196.4	21218.0	21050.5	20888.3	20666.8	20374.9	20002.0	19612.9	19180.5	18748.2
-5°	21136.9	20996.4	20937.0	20991.0	20850.5	20628.9	20304.7	19975.0	19591.3	19126.5	18586.0
-7.5°	20710.0	20569.5	20558.7	20531.6	20499.2	20288.4	20018.2	19661.5	19272.4	18840.0	18337.4
-10°	20072.3	19969.6	19942.6	19915.5	19829.1	19704.8	19450.7	19126.5	18775.2	18342.8	17807.8
-12.5°	19364.3	19315.6	19213.0	19142.7	19056.2	18910.3	18667.1	18369.9	18018.6	17634.8	17175.5
-15°	18580.6	18488.8	18386.1	18326.6	18202.3	18029.4	17786.2	17510.5	17126.8	16748.5	16316.1
-17.5°	17634.8	17521.3	17407.9	17391.6	17305.2	17040.3	16813.4	16478.3	16143.2	15781.1	15359.6
-20°	16521.5	16364.8	16289.1	16245.9	16127.0	15932.4	15689.2	15381.2	15056.9	14711.0	14224.6



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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°	15289.3	15154.2	15024.5	14943.4	14840.7	14689.4	14457.0	14186.8	13867.9	13478.8	13030.2
-25°	13889.5	13700.4	13619.3	13527.4	13473.4	13332.9	13105.9	12857.3	12527.6	12149.3	11722.3
-27.5°	12289.8	12138.5	12095.2	11965.5	11900.7	11754.8	11565.6	11333.2	11030.6	10673.9	10322.6
-30°	10522.5	10430.7	10360.4	10230.7	10182.1	10025.3	9901.0	9706.5	9430.8	9176.8	8895.8
-32.5°	8706.6	8614.8	8593.1	8533.7	8501.3	8398.6	8258.1	8117.5	7896.0	7706.8	7479.8
-35°	7096.1	7031.2	7036.6	7031.2	6998.8	6923.1	6750.2	6712.4	6550.2	6377.3	6231.4
-37.5°	5809.8	5815.2	5809.8	5804.4	5761.2	5728.8	5604.5	5555.8	5458.5	5291.0	5204.5
-40°	4842.4	4853.2	4847.8	4837.0	4788.4	4772.2	4691.1	4626.2	4588.4	4469.5	4377.6
-42.5°	4058.8	4075.0	4069.6	4064.2	4031.7	4026.3	3983.1	3907.4	3885.8	3815.6	3718.3
-45°	3464.3	3458.9	3448.1	3458.9	3442.7	3426.4	3399.4	3350.8	3323.8	3291.3	3210.3
-47.5°	2994.1	2999.5	2988.7	2988.7	2967.1	2950.9	2940.0	2907.6	2886.0	2859.0	2810.3
-50°	2605.0	2626.6	2621.2	2615.8	2599.6	2588.7	2588.7	2556.3	2523.9	2513.1	2480.7
-52.5°	2302.3	2318.5	2323.9	2334.7	2340.1	2345.5	2329.3	2296.9	2242.9	2237.5	2221.2
-55°	2026.7	2075.3	2107.8	2129.4	2151.0	2167.2	2134.8	2091.5	2037.5	2015.9	2010.5
-57.5°	1837.5	1886.2	1924.0	1956.4	1983.4	2010.5	1978.0	1934.8	1886.2	1859.1	1853.7
-60°	1664.6	1707.8	1745.6	1788.9	1826.7	1870.0	1853.7	1821.3	1794.3	1772.7	1751.1
-62.5°	1480.8	1524.1	1567.3	1621.3	1670.0	1713.2	1718.6	1713.2	1707.8	1713.2	1675.4
-65°	1329.5	1351.1	1378.1	1437.6	1491.6	1540.3	1567.3	1583.5	1610.5	1637.6	1599.7
-67.5°	1167.4	1194.4	1226.8	1270.1	1313.3	1345.7	1383.5	1426.8	1470.0	1513.3	1486.2
-70°	1021.4	1043.1	1070.1	1091.7	1118.7	1140.3	1172.8	1221.4	1270.1	1313.3	1302.5
-72.5°	870.1	891.7	908.0	918.8	935.0	945.8	962.0	1005.2	1037.7	1059.3	1059.3
-75°	718.8	740.4	756.6	762.0	772.8	778.2	789.1	805.3	821.5	826.9	832.3
-77.5°	551.3	572.9	589.1	599.9	610.7	621.5	626.9	637.7	643.1	643.1	648.5
-80°	410.7	427.0	437.8	454.0	459.4	470.2	481.0	486.4	491.8	491.8	497.2
-82.5°	291.8	302.7	313.5	324.3	335.1	340.5	351.3	356.7	362.1	367.5	372.9
-85°	194.6	205.4	216.2	227.0	232.4	237.8	243.2	248.6	254.0	259.4	264.8
-87.5°	113.5	118.9	124.3	135.1	140.5	151.3	156.7	151.3	156.7	156.7	156.7
-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°	210.8	210.8	210.8	210.8	205.4	194.6	189.2	178.3	167.5	156.7	145.9
85°	437.8	443.2	443.2	443.2	432.4	427.0	410.7	394.5	372.9	340.5	313.5
82.5°	729.6	735.0	735.0	729.6	718.8	702.6	681.0	653.9	610.7	567.5	529.6
80°	1097.1	1102.5	1102.5	1097.1	1070.1	1043.1	1016.0	983.6	929.6	870.1	805.3
77.5°	1534.9	1545.7	1545.7	1529.5	1491.6	1459.2	1416.0	1361.9	1280.9	1194.4	1107.9
75°	2042.9	2069.9	2075.3	2059.1	2010.5	1951.0	1880.8	1788.9	1664.6	1556.5	1453.8
72.5°	2632.0	2659.0	2680.6	2659.0	2588.7	2507.7	2405.0	2296.9	2172.6	2026.7	1853.7
70°	3404.8	3431.8	3448.1	3377.8	3253.5	3118.4	2994.1	2869.8	2723.9	2545.5	2356.4
67.5°	4377.6	4350.6	4318.2	4177.7	4020.9	3858.8	3685.9	3502.1	3313.0	3123.8	2902.2
65°	5312.6	5236.9	5166.7	4999.2	4799.2	4588.4	4388.4	4183.1	3956.1	3718.3	3507.5
62.5°	6296.2	6134.1	5961.1	5755.8	5550.4	5318.0	5118.0	4874.8	4620.8	4329.0	4058.8
60°	7263.6	7069.1	6896.1	6642.1	6371.9	6058.4	5842.3	5604.5	5307.2	4993.7	4674.9
57.5°	8198.6	7987.8	7798.7	7577.1	7285.2	6944.8	6707.0	6398.9	6085.5	5690.9	5366.7
55°	9193.0	8982.3	8830.9	8582.3	8263.5	7950.0	7690.6	7366.3	6928.6	6507.0	6107.1
52.5°	10333.4	10165.8	10003.7	9749.7	9366.0	9047.1	8760.7	8398.6	7939.2	7420.4	6939.4
50°	11608.8	11522.4	11349.4	11052.2	10614.4	10333.4	9955.1	9474.1	8982.3	8436.4	7836.5
47.5°	13300.4	13159.9	12916.7	12592.5	12225.0	11803.4	11295.4	10733.3	10036.1	9430.8	8793.1
45°	15321.7	15062.3	14748.8	14311.1	13857.1	13381.5	12824.8	12111.5	11176.5	10387.4	9717.3
42.5°	17510.5	17159.2	16732.3	16159.4	15570.3	14986.6	14386.7	13413.9	12246.6	11338.6	10582.0
40°	19796.6	19348.1	18813.0	17980.7	17326.8	16575.6	15889.2	14435.4	13192.4	12208.7	11403.5
37.5°	22034.1	21466.6	20569.5	19558.8	18796.8	18180.7	16672.8	15116.4	14003.0	12922.1	12106.1
35°	23747.3	23266.3	21682.8	20634.3	19980.4	19007.6	17121.4	15527.1	14348.9	13451.8	12181.7
32.5°	24763.4	23520.3	22131.4	21072.1	20531.6	18937.3	17153.8	15646.0	14511.0	13505.8	11987.2
30°	24536.4	23033.9	21817.9	20931.6	19758.8	18326.6	16851.2	15462.2	14359.7	13143.7	11771.0
27.5°	23169.0	22007.1	20920.8	19996.6	18845.4	17559.2	16197.2	14975.8	13949.0	12770.8	11473.7
25°	21623.4	20569.5	19764.2	18958.9	17867.2	16640.4	15440.6	14559.7	13527.4	12365.5	11084.6
22.5°	20202.0	19445.3	18813.0	17969.9	16905.2	15835.1	15089.3	14176.0	13116.7	11938.5	10684.7
20°	19294.0	18780.6	18056.4	17126.8	16289.1	15619.0	14792.1	13824.7	12733.0	11500.7	10344.2
17.5°	18856.3	18261.8	17456.5	16851.2	16208.1	15473.0	14548.9	13522.0	12360.1	11300.8	10382.0
15°	18629.3	18002.3	17472.7	16878.2	16154.0	15381.2	14354.3	13289.6	12360.1	11381.9	10409.0
12.5°	18677.9	18137.5	17559.2	16910.6	16132.4	15305.5	14375.9	13386.9	12424.9	11441.3	10414.4
10°	18829.2	18261.8	17645.7	16926.9	16143.2	15327.1	14435.4	13446.4	12457.3	11468.3	10403.6
7.5°	18883.3	18267.2	17607.8	16883.6	16116.2	15316.3	14446.2	13462.6	12462.7	11462.9	10371.2
5°	18715.7	18159.1	17521.3	16791.7	16040.5	15262.3	14403.0	13441.0	12419.5	11408.9	10290.1
2.5°	18488.8	18040.2	17429.5	16726.9	15964.9	15186.6	14332.7	13343.7	12322.2	11311.6	10187.5
0°	18450.9	17894.3	17278.1	16651.2	15840.6	15019.1	14170.6	13159.9	12143.9	11127.8	10009.1
-2.5°	18202.3	17613.2	16997.1	16316.1	15602.8	14775.9	13884.1	12895.1	11889.9	10890.0	9814.5
-5°	18013.2	17359.2	16705.3	15970.3	15251.5	14424.6	13500.4	12538.4	11554.8	10582.0	9544.3
-7.5°	17759.1	17089.0	16402.6	15635.2	14856.9	14013.8	13100.5	12138.5	11171.1	10203.7	9209.2
-10°	17245.7	16656.6	16013.5	15219.0	14397.6	13554.5	12646.5	11700.7	10733.3	9755.1	8755.3
-12.5°	16624.2	16002.7	15300.1	14570.5	13835.5	13051.8	12143.9	11214.3	10241.5	9257.9	8263.5
-15°	15818.9	15208.2	14489.4	13776.0	13068.1	12316.8	11517.0	10679.3	9690.2	8722.8	7728.4
-17.5°	14813.7	14240.8	13597.7	12916.7	12214.1	11457.5	10679.3	9971.3	9047.1	8139.2	7155.5
-20°	13732.8	13197.8	12619.5	11976.3	11273.8	10533.3	9798.3	9057.9	8258.1	7458.2	6544.8



REPORT NUMBER: P722156
 CATALOG NUMBER: IFLD-L-SA7D-760-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	12608.7	12068.2	11484.5	10884.6	10236.1	9549.7	8868.8	8160.8	7458.2	6734.0	5961.1
-25°	11311.6	10836.0	10301.0	9717.3	9139.0	8539.1	7890.6	7247.4	6647.5	6020.6	5388.3
-27.5°	9955.1	9517.3	9030.9	8522.9	8025.7	7523.0	6961.0	6366.5	5869.3	5350.4	4826.2
-30°	8528.3	8177.0	7782.5	7339.3	6955.6	6550.2	6080.0	5588.2	5134.3	4739.7	4318.2
-32.5°	7177.2	6879.9	6598.9	6307.0	5928.7	5615.3	5291.0	4928.9	4529.0	4156.1	3853.4
-35°	6015.2	5696.3	5577.4	5361.3	5091.0	4815.4	4577.6	4318.2	4015.5	3685.9	3437.3
-37.5°	5037.0	4847.8	4680.3	4561.4	4383.0	4161.5	3972.3	3783.1	3550.7	3302.1	3053.5
-40°	4274.9	4145.2	3961.5	3902.0	3788.5	3637.2	3442.7	3296.7	3140.0	2950.9	2740.1
-42.5°	3664.2	3567.0	3448.1	3345.4	3296.7	3188.6	3037.3	2896.8	2772.5	2642.8	2480.7
-45°	3161.6	3096.8	3021.1	2929.2	2891.4	2804.9	2696.8	2540.1	2469.9	2361.8	2242.9
-47.5°	2756.3	2723.9	2669.8	2610.4	2556.3	2491.5	2394.2	2296.9	2199.6	2129.4	2037.5
-50°	2437.4	2415.8	2383.4	2334.7	2264.5	2221.2	2156.4	2069.9	1978.0	1918.6	1853.7
-52.5°	2183.4	2161.8	2140.2	2102.3	2048.3	2005.1	1951.0	1880.8	1805.1	1745.6	1691.6
-55°	1988.9	1956.4	1940.2	1907.8	1864.5	1815.9	1767.3	1718.6	1653.8	1599.7	1545.7
-57.5°	1837.5	1794.3	1772.7	1745.6	1702.4	1653.8	1615.9	1567.3	1524.1	1464.6	1416.0
-60°	1718.6	1670.0	1626.8	1599.7	1561.9	1513.3	1475.4	1437.6	1394.4	1345.7	1286.3
-62.5°	1621.3	1561.9	1502.4	1470.0	1432.2	1389.0	1351.1	1313.3	1270.1	1221.4	1167.4
-65°	1529.5	1459.2	1383.5	1351.1	1313.3	1270.1	1221.4	1194.4	1156.6	1113.3	1059.3
-67.5°	1416.0	1340.3	1275.5	1237.6	1199.8	1162.0	1118.7	1091.7	1053.9	999.8	945.8
-70°	1248.4	1199.8	1156.6	1124.1	1091.7	1059.3	1016.0	972.8	929.6	880.9	832.3
-72.5°	1037.7	1021.4	1016.0	999.8	962.0	924.2	880.9	837.7	799.9	762.0	724.2
-75°	837.7	848.5	859.3	853.9	816.1	778.2	740.4	702.6	675.6	643.1	610.7
-77.5°	664.8	675.6	686.4	686.4	659.3	637.7	610.7	583.7	562.1	535.0	502.6
-80°	513.4	529.6	545.9	556.7	535.0	518.8	497.2	475.6	454.0	432.4	410.7
-82.5°	389.1	405.3	421.6	432.4	416.1	405.3	389.1	372.9	356.7	335.1	318.9
-85°	281.0	291.8	302.7	308.1	297.2	286.4	275.6	264.8	254.0	237.8	227.0
-87.5°	162.1	167.5	172.9	178.3	167.5	156.7	151.3	140.5	135.1	124.3	118.9
-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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 CATALOG NUMBER: IFLD-L-SA7D-760-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°	135.1	124.3	113.5	108.1	97.3	81.1	70.3	59.4	48.6	37.8	32.4
85°	286.4	259.4	227.0	210.8	189.2	167.5	145.9	124.3	102.7	81.1	59.4
82.5°	491.8	459.4	427.0	389.1	340.5	281.0	221.6	183.8	151.3	118.9	91.9
80°	740.4	681.0	626.9	578.3	524.2	448.6	367.5	291.8	205.4	156.7	118.9
77.5°	1026.9	956.6	880.9	799.9	713.4	610.7	518.8	421.6	318.9	216.2	151.3
75°	1351.1	1259.2	1156.6	1043.1	929.6	794.5	664.8	551.3	432.4	302.7	183.8
72.5°	1713.2	1599.7	1475.4	1324.1	1145.8	989.0	832.3	681.0	540.4	383.7	248.6
70°	2178.0	1999.7	1815.9	1653.8	1426.8	1178.2	994.4	821.5	643.1	470.2	313.5
67.5°	2675.2	2459.0	2237.5	1999.7	1713.2	1421.4	1156.6	962.0	751.2	551.3	372.9
65°	3215.7	2945.4	2664.4	2399.6	2005.1	1659.2	1361.9	1097.1	853.9	626.9	432.4
62.5°	3772.3	3453.5	3129.2	2783.3	2329.3	1902.4	1556.5	1248.4	951.2	697.2	486.4
60°	4366.8	3993.9	3599.4	3167.0	2637.4	2167.2	1740.2	1405.2	1053.9	767.4	545.9
57.5°	4993.7	4588.4	4123.6	3539.9	2956.3	2421.2	1951.0	1545.7	1145.8	832.3	589.1
55°	5674.7	5209.9	4701.9	3929.1	3269.7	2675.2	2161.8	1686.2	1243.0	886.3	632.3
52.5°	6409.7	5869.3	5226.1	4339.8	3599.4	2934.6	2356.4	1810.5	1334.9	945.8	670.2
50°	7231.2	6550.2	5685.5	4718.1	3885.8	3177.8	2550.9	1945.6	1410.6	1010.6	702.6
47.5°	8085.1	7350.1	6096.3	5069.4	4177.7	3415.6	2750.9	2064.5	1486.2	1064.7	735.0
45°	8976.9	7906.8	6523.2	5382.9	4431.7	3631.8	2902.2	2172.6	1578.1	1113.3	762.0
42.5°	9857.8	8328.3	6896.1	5696.3	4669.5	3826.4	3026.5	2275.3	1653.8	1162.0	789.1
40°	10273.9	8647.2	7193.4	5912.5	4869.4	3999.3	3134.6	2367.2	1718.6	1194.4	816.1
37.5°	10446.9	8841.7	7387.9	6117.9	5026.2	4091.2	3226.5	2448.2	1772.7	1226.8	837.7
35°	10484.7	8912.0	7485.2	6258.4	5155.9	4177.7	3296.7	2507.7	1815.9	1259.2	859.3
32.5°	10414.4	8890.4	7512.2	6307.0	5236.9	4242.5	3345.4	2550.9	1848.3	1291.7	880.9
30°	10257.7	8776.9	7415.0	6301.6	5296.4	4280.4	3377.8	2583.3	1880.8	1313.3	891.7
27.5°	10003.7	8576.9	7290.7	6307.0	5328.8	4296.6	3394.0	2599.6	1902.4	1329.5	913.4
25°	9690.2	8306.7	7296.1	6296.2	5334.2	4302.0	3394.0	2599.6	1907.8	1334.9	929.6
22.5°	9328.1	8306.7	7296.1	6280.0	5301.8	4291.2	3377.8	2588.7	1907.8	1345.7	945.8
20°	9349.8	8312.1	7279.8	6247.6	5253.2	4258.7	3340.0	2561.7	1891.6	1361.9	956.6
17.5°	9366.0	8301.3	7247.4	6204.4	5188.3	4204.7	3291.3	2523.9	1891.6	1378.1	962.0
15°	9366.0	8268.9	7198.8	6139.5	5107.2	4129.0	3221.1	2491.5	1897.0	1383.5	972.8
12.5°	9349.8	8209.4	7123.1	6053.0	5010.0	4037.2	3177.8	2480.7	1897.0	1389.0	972.8
10°	9317.3	8128.3	7025.8	5944.9	4918.1	4004.7	3156.2	2459.0	1886.2	1389.0	972.8
7.5°	9257.9	8031.1	6944.8	5880.1	4864.0	3966.9	3123.8	2426.6	1870.0	1378.1	983.6
5°	9166.0	7977.0	6879.9	5804.4	4788.4	3939.9	3102.2	2399.6	1859.1	1378.1	972.8
2.5°	9047.1	7912.2	6804.2	5707.1	4701.9	3848.0	3031.9	2340.1	1821.3	1356.5	962.0
0°	8852.6	7782.5	6674.5	5572.0	4583.0	3756.1	2961.7	2280.7	1783.5	1334.9	951.2
-2.5°	8674.2	7609.5	6507.0	5431.5	4469.5	3675.1	2907.6	2248.3	1767.3	1329.5	945.8
-5°	8425.6	7371.7	6285.4	5247.8	4318.2	3594.0	2853.6	2210.4	1751.1	1318.7	945.8
-7.5°	8150.0	7123.1	6053.0	5058.6	4166.9	3453.5	2750.9	2151.0	1713.2	1297.1	940.4
-10°	7723.0	6750.2	5761.2	4842.4	4004.7	3329.2	2664.4	2096.9	1680.8	1275.5	918.8
-12.5°	7269.0	6339.5	5426.1	4577.6	3821.0	3199.5	2567.1	2037.5	1643.0	1253.8	908.0
-15°	6788.0	5917.9	5074.8	4302.0	3621.0	3042.7	2464.4	1972.6	1605.1	1226.8	891.7
-17.5°	6285.4	5474.7	4712.7	4020.9	3421.0	2880.6	2356.4	1913.2	1561.9	1199.8	875.5
-20°	5755.8	5020.8	4345.2	3734.5	3210.3	2718.5	2242.9	1842.9	1513.3	1167.4	853.9



REPORT NUMBER: P722156
 CATALOG NUMBER: IFLD-L-SA7D-760-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	5231.5	4572.2	3966.9	3453.5	2994.1	2550.9	2129.4	1772.7	1459.2	1129.5	837.7
-25°	4766.8	4150.6	3631.8	3183.2	2783.3	2388.8	2010.5	1702.4	1399.8	1091.7	816.1
-27.5°	4312.8	3788.5	3302.1	2929.2	2577.9	2232.1	1897.0	1626.8	1340.3	1048.5	794.5
-30°	3891.2	3442.7	3042.7	2680.6	2383.4	2091.5	1799.7	1551.1	1275.5	1005.2	767.4
-32.5°	3507.5	3145.4	2810.3	2464.4	2199.6	1951.0	1707.8	1475.4	1210.6	962.0	740.4
-35°	3150.8	2869.8	2577.9	2286.1	2015.9	1821.3	1610.5	1394.4	1151.2	913.4	713.4
-37.5°	2832.0	2605.0	2372.6	2124.0	1891.6	1697.0	1518.7	1313.3	1091.7	870.1	686.4
-40°	2556.3	2372.6	2167.2	1967.2	1772.7	1588.9	1426.8	1232.2	1032.3	837.7	659.3
-42.5°	2302.3	2161.8	1994.3	1826.7	1653.8	1491.6	1334.9	1145.8	972.8	799.9	632.3
-45°	2107.8	1967.2	1832.1	1680.8	1534.9	1394.4	1237.6	1070.1	918.8	756.6	605.3
-47.5°	1924.0	1799.7	1675.4	1551.1	1432.2	1302.5	1145.8	1005.2	859.3	718.8	583.7
-50°	1761.9	1643.0	1534.9	1426.8	1324.1	1199.8	1053.9	940.4	810.7	681.0	556.7
-52.5°	1610.5	1507.9	1399.8	1313.3	1226.8	1102.5	983.6	875.5	762.0	637.7	529.6
-55°	1475.4	1378.1	1280.9	1199.8	1118.7	1010.6	913.4	821.5	713.4	605.3	502.6
-57.5°	1345.7	1264.7	1172.8	1097.1	1016.0	929.6	848.5	762.0	664.8	572.9	475.6
-60°	1226.8	1151.2	1070.1	994.4	924.2	853.9	778.2	708.0	621.5	535.0	448.6
-62.5°	1107.9	1043.1	972.8	897.1	843.1	778.2	718.8	648.5	578.3	502.6	399.9
-65°	999.8	940.4	875.5	810.7	762.0	713.4	659.3	594.5	535.0	464.8	356.7
-67.5°	891.7	837.7	783.7	729.6	686.4	648.5	594.5	545.9	497.2	421.6	313.5
-70°	789.1	745.8	697.2	653.9	621.5	578.3	540.4	497.2	454.0	367.5	264.8
-72.5°	691.8	648.5	610.7	578.3	551.3	513.4	481.0	448.6	389.1	308.1	221.6
-75°	578.3	551.3	529.6	502.6	475.6	448.6	421.6	383.7	324.3	248.6	172.9
-77.5°	475.6	459.4	443.2	421.6	399.9	378.3	345.9	308.1	259.4	194.6	140.5
-80°	389.1	372.9	362.1	340.5	324.3	302.7	270.2	237.8	189.2	151.3	113.5
-82.5°	297.2	286.4	275.6	264.8	248.6	227.0	194.6	167.5	140.5	113.5	86.5
-85°	210.8	205.4	194.6	183.8	167.5	151.3	129.7	113.5	97.3	75.7	59.4
-87.5°	108.1	102.7	97.3	91.9	86.5	75.7	64.9	54.0	48.6	37.8	27.0
-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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 CATALOG NUMBER: IFLD-L-SA7D-760-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	21.6	16.2	5.4	0.0
85°	43.2	27.0	10.8	0.0
82.5°	64.9	43.2	16.2	0.0
80°	86.5	54.0	27.0	0.0
77.5°	108.1	64.9	32.4	0.0
75°	129.7	81.1	37.8	0.0
72.5°	145.9	91.9	43.2	0.0
70°	172.9	108.1	48.6	0.0
67.5°	216.2	118.9	54.0	0.0
65°	254.0	129.7	59.4	0.0
62.5°	297.2	140.5	64.9	0.0
60°	335.1	151.3	70.3	0.0
57.5°	372.9	178.3	75.7	0.0
55°	405.3	200.0	81.1	0.0
52.5°	443.2	221.6	86.5	0.0
50°	475.6	243.2	91.9	0.0
47.5°	502.6	264.8	91.9	0.0
45°	524.2	281.0	97.3	0.0
42.5°	540.4	297.2	102.7	0.0
40°	556.7	313.5	108.1	0.0
37.5°	572.9	329.7	108.1	0.0
35°	589.1	345.9	113.5	0.0
32.5°	605.3	362.1	113.5	0.0
30°	616.1	372.9	118.9	0.0
27.5°	632.3	383.7	118.9	0.0
25°	637.7	394.5	124.3	0.0
22.5°	648.5	399.9	124.3	0.0
20°	659.3	410.7	124.3	0.0
17.5°	664.8	416.1	129.7	0.0
15°	664.8	421.6	135.1	0.0
12.5°	670.2	427.0	135.1	0.0
10°	670.2	437.8	129.7	0.0
7.5°	681.0	432.4	129.7	0.0
5°	675.6	432.4	129.7	0.0
2.5°	670.2	427.0	129.7	0.0
0°	664.8	427.0	129.7	0.0
-2.5°	664.8	427.0	129.7	0.0
-5°	664.8	427.0	129.7	0.0
-7.5°	659.3	432.4	129.7	0.0
-10°	648.5	432.4	129.7	0.0
-12.5°	643.1	416.1	129.7	0.0
-15°	637.7	410.7	129.7	0.0
-17.5°	626.9	405.3	124.3	0.0
-20°	616.1	399.9	124.3	0.0



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 CATALOG NUMBER: IFLD-L-SA7D-760-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	605.3	389.1	124.3	0.0
-25°	594.5	378.3	118.9	0.0
-27.5°	583.7	367.5	118.9	0.0
-30°	567.5	356.7	113.5	0.0
-32.5°	551.3	345.9	113.5	0.0
-35°	540.4	329.7	108.1	0.0
-37.5°	524.2	313.5	108.1	0.0
-40°	508.0	297.2	102.7	0.0
-42.5°	491.8	281.0	97.3	0.0
-45°	470.2	264.8	97.3	0.0
-47.5°	454.0	248.6	91.9	0.0
-50°	427.0	227.0	86.5	0.0
-52.5°	394.5	205.4	81.1	0.0
-55°	362.1	189.2	75.7	0.0
-57.5°	329.7	167.5	75.7	0.0
-60°	297.2	145.9	70.3	0.0
-62.5°	264.8	135.1	64.9	0.0
-65°	232.4	124.3	59.4	0.0
-67.5°	194.6	108.1	54.0	0.0
-70°	162.1	97.3	48.6	0.0
-72.5°	140.5	86.5	43.2	0.0
-75°	118.9	75.7	37.8	0.0
-77.5°	102.7	64.9	32.4	0.0
-80°	81.1	48.6	21.6	0.0
-82.5°	59.4	37.8	16.2	0.0
-85°	37.8	27.0	10.8	0.0
-87.5°	21.6	10.8	5.4	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)