

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: P722059

Luminaire Tested: **IFLD-S-SA6D-735-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722059
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6D-735-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 3500K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

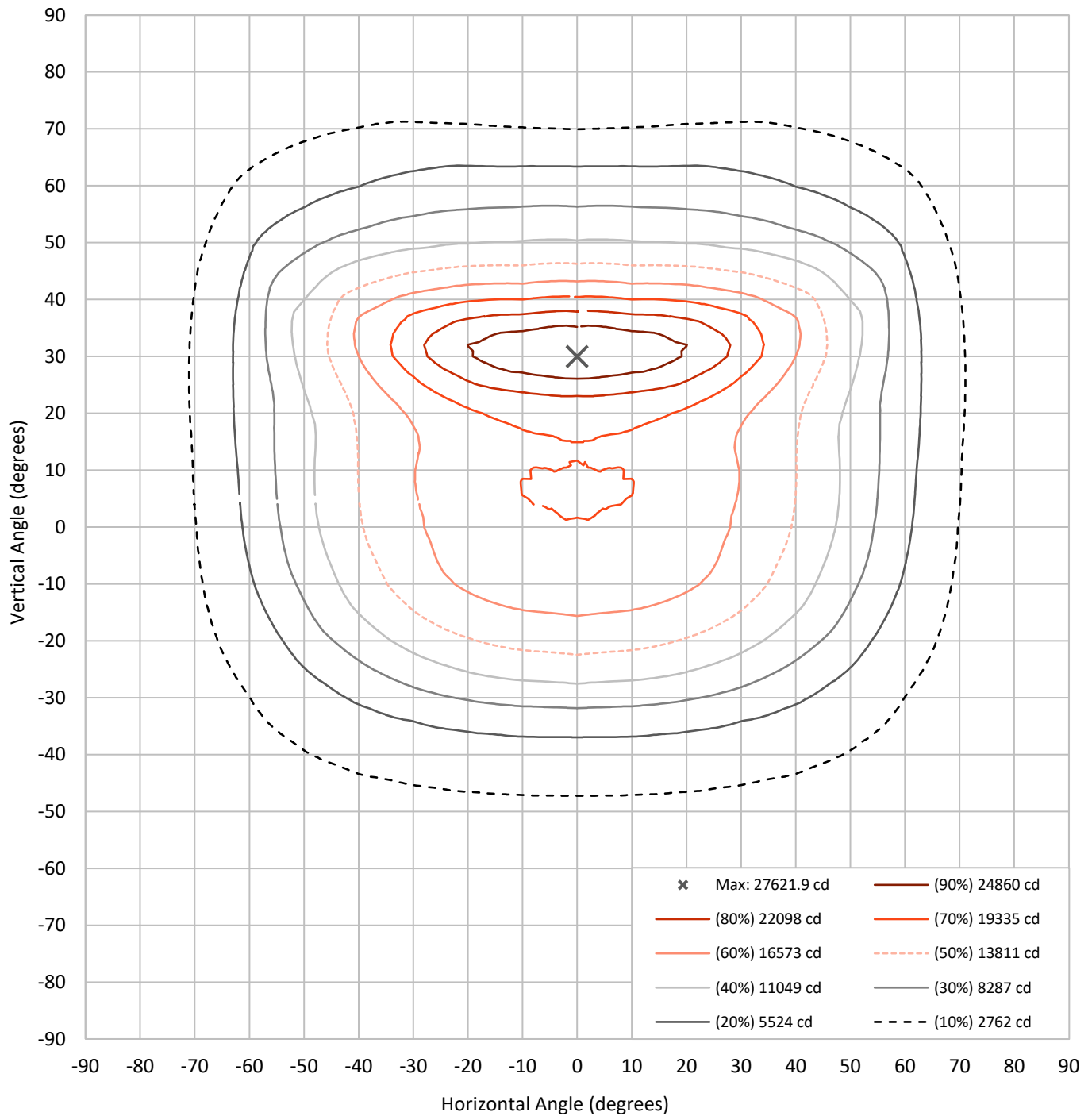
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	46107.8 lumens	Max Intensity:	27621.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	125.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	26812.2 lumens	Field Lumens:	43209 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



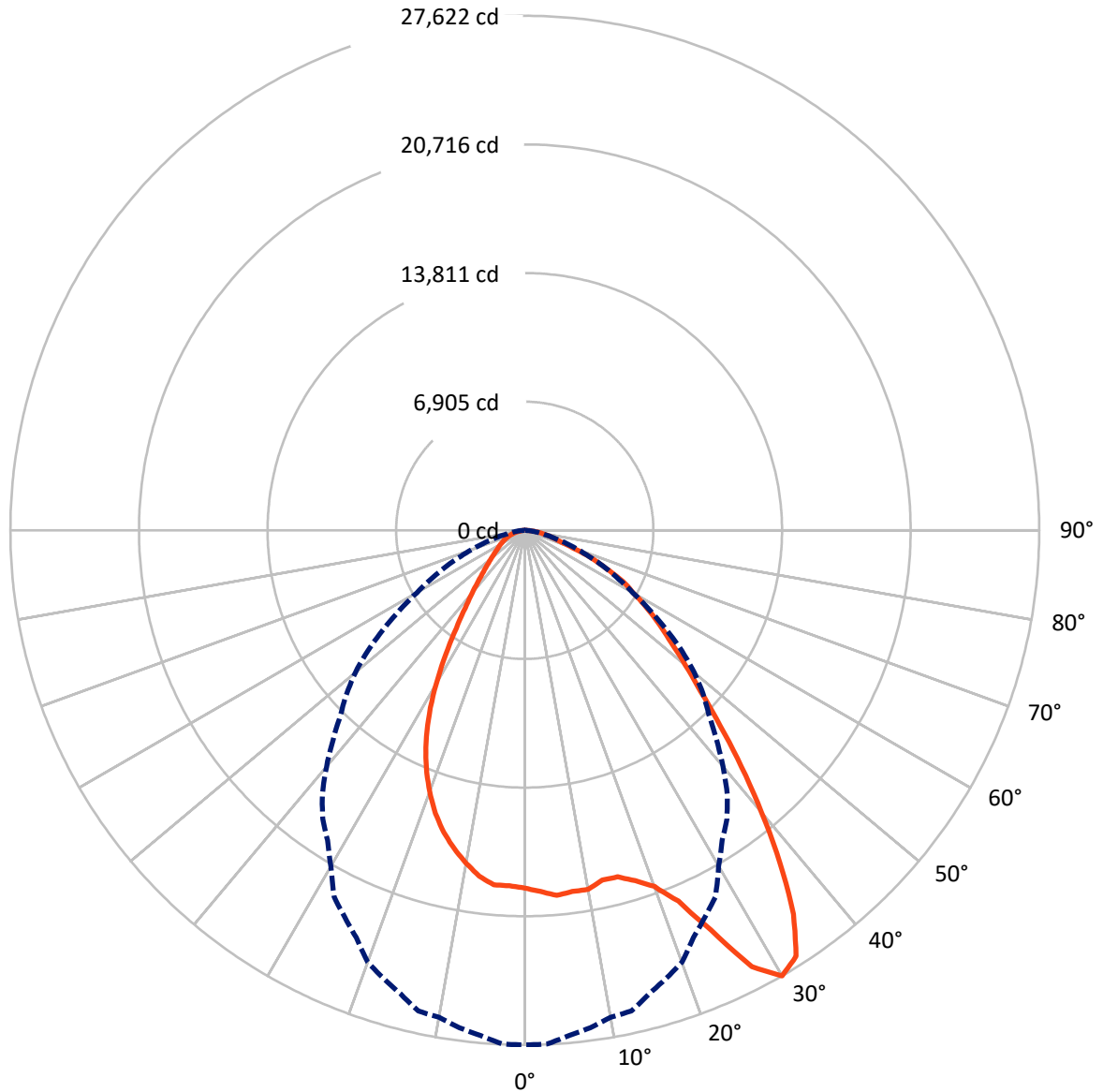
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Iso-Candela Plot



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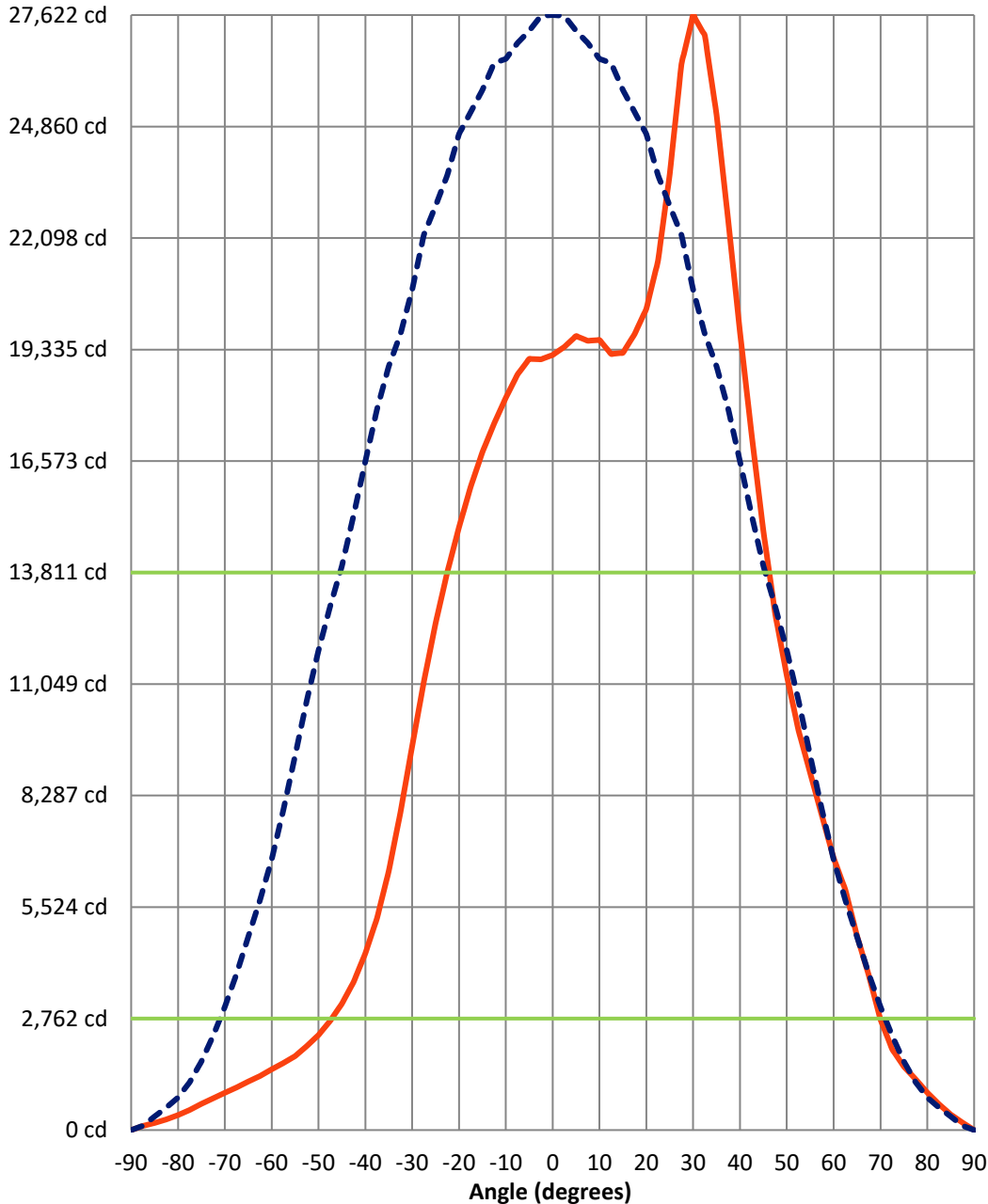
Luminous Intensity Polar Plot



— 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: 26812.2
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 43209
 Efficiency: 93.7%

Spill:
 Lumens: 2898.8
 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°	185.6	190.5	195.4	195.4	190.5	190.5	190.5	185.6	190.5	190.5	190.5
85°	385.9	395.6	405.4	400.5	395.6	385.9	376.1	381.0	385.9	390.8	390.8
82.5°	639.9	654.5	664.3	659.4	649.6	639.9	630.1	635.0	644.8	649.6	649.6
80°	928.1	932.9	937.8	947.6	932.9	932.9	928.1	947.6	957.4	967.1	976.9
77.5°	1260.2	1265.1	1265.1	1270.0	1274.9	1279.7	1279.7	1313.9	1338.4	1353.0	1367.7
75°	1572.8	1587.5	1602.1	1616.8	1636.3	1646.1	1660.7	1709.6	1748.7	1778.0	1807.3
72.5°	2002.6	2022.2	2046.6	2080.8	2115.0	2139.4	2173.6	2232.2	2276.2	2305.5	2339.7
70°	2740.2	2759.7	2784.2	2808.6	2842.8	2867.2	2901.4	2974.7	3018.6	3038.2	3057.7
67.5°	3834.3	3883.2	3927.1	3878.3	3853.9	3819.7	3829.5	3897.8	3941.8	3971.1	3966.2
65°	4806.4	4840.5	4840.5	4835.7	4816.1	4772.2	4796.6	4879.6	4928.5	4952.9	4879.6
62.5°	5949.3	5949.3	5924.9	5964.0	5968.9	5939.6	5924.9	5929.8	5934.7	5949.3	5827.2
60°	6740.6	6789.5	6804.1	6838.3	6848.1	6848.1	6872.5	6892.0	6892.0	6862.7	6721.1
57.5°	7785.9	7878.7	7898.2	7873.8	7825.0	7761.5	7751.7	7722.4	7663.8	7605.2	7536.8
55°	8841.0	8889.8	8884.9	8870.3	8821.4	8748.1	8757.9	8718.8	8626.0	8552.8	8460.0
52.5°	9900.9	10018.1	10037.7	10008.3	9940.0	9861.8	9866.7	9822.7	9729.9	9651.8	9524.8
50°	11253.9	11351.6	11341.8	11293.0	11195.3	11136.7	11141.6	11058.5	10951.1	10926.6	10760.6
47.5°	12802.3	12914.6	12895.1	12826.7	12694.8	12670.4	12694.8	12587.4	12523.9	12470.1	12274.8
45°	14834.2	14966.1	14892.9	14761.0	14550.9	14575.4	14609.6	14590.0	14453.2	14311.6	14062.5
42.5°	17217.9	17300.9	17213.0	17081.1	16817.3	16866.2	16846.7	16729.4	16646.4	16411.9	16094.4
40°	19767.6	19948.3	19811.5	19606.4	19332.9	19406.1	19352.4	19201.0	19005.6	18712.5	18312.0
37.5°	22517.6	22659.2	22502.9	22263.6	22019.3	21994.9	21887.5	21653.0	21374.6	21052.2	20412.3
35°	25150.3	25516.7	25228.5	24847.5	24549.5	24437.2	24334.6	23792.4	23474.9	22952.3	22078.0
32.5°	27109.0	27377.6	27021.1	26625.4	26264.0	26107.7	25746.2	25101.5	24930.5	23831.5	23030.4
30°	27621.9	27602.3	27231.1	26928.3	26537.5	26430.1	25765.8	25218.7	24671.6	23655.7	22893.7
27.5°	26400.7	26278.6	25922.1	25658.3	25272.4	25145.4	24490.9	24197.8	23352.8	22493.1	21848.4
25°	23680.1	23743.6	23474.9	23343.0	23089.1	22815.5	22556.6	22161.0	21633.5	20881.3	20290.2
22.5°	21535.8	21618.8	21506.5	21350.2	21154.8	21003.4	20808.0	20500.3	19992.3	19528.2	18971.4
20°	20344.0	20319.5	20221.8	20104.6	19919.0	19811.5	19596.6	19337.8	18947.0	18546.5	17945.7
17.5°	19718.7	19567.3	19474.5	19430.6	19332.9	19196.1	18942.1	18678.3	18375.5	17921.2	17481.6
15°	19254.7	19279.1	19205.9	19171.7	19093.5	18903.0	18644.2	18429.2	18018.9	17789.4	17388.8
12.5°	19225.4	19201.0	19205.9	19191.2	19093.5	18849.3	18717.4	18443.9	18180.1	17877.3	17418.1
10°	19572.2	19313.3	19332.9	19401.3	19244.9	19049.6	18907.9	18610.0	18360.9	17975.0	17520.7
7.5°	19552.7	19420.8	19459.9	19347.5	19396.4	19157.0	18961.6	18663.7	18351.1	17940.8	17530.5
5°	19669.9	19469.6	19435.4	19445.2	19323.1	19142.4	18878.6	18595.3	18302.2	17843.1	17423.0
2.5°	19401.3	19430.6	19274.3	19215.6	19201.0	18898.1	18653.9	18380.4	18077.6	17672.1	17296.0
0°	19201.0	19254.7	19093.5	19010.5	19005.6	18746.7	18590.4	18277.8	18062.9	17725.9	17271.6
-2.5°	19093.5	19157.0	19176.6	19025.1	18878.6	18678.3	18414.6	18077.6	17725.9	17335.1	16944.3
-5°	19103.3	18976.3	18922.6	18971.4	18844.4	18644.2	18351.1	18053.1	17706.3	17286.3	16797.8
-7.5°	18717.4	18590.4	18580.7	18556.2	18526.9	18336.4	18092.2	17769.8	17418.1	17027.4	16573.1
-10°	18141.0	18048.2	18023.8	17999.4	17921.2	17808.9	17579.3	17286.3	16968.8	16578.0	16094.4
-12.5°	17501.2	17457.2	17364.4	17300.9	17222.8	17090.9	16871.1	16602.4	16284.9	15938.1	15523.0
-15°	16792.9	16709.9	16617.1	16563.4	16451.0	16294.7	16074.9	15825.8	15479.0	15137.1	14746.3
-17.5°	15938.1	15835.6	15733.0	15718.3	15640.2	15400.8	15195.7	14892.9	14590.0	14262.8	13881.8
-20°	14931.9	14790.3	14721.9	14682.8	14575.4	14399.5	14179.7	13901.3	13608.2	13295.6	12856.0



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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°	13818.3	13696.2	13578.9	13505.7	13412.8	13276.1	13066.0	12821.8	12533.6	12182.0	11776.5
-25°	12553.2	12382.2	12309.0	12225.9	12177.1	12050.1	11844.9	11620.2	11322.3	10980.4	10594.5
-27.5°	11107.4	10970.6	10931.5	10814.3	10755.7	10623.8	10452.8	10242.8	9969.3	9646.9	9329.4
-30°	9510.1	9427.1	9363.6	9246.4	9202.4	9060.8	8948.4	8772.6	8523.5	8293.9	8039.9
-32.5°	7868.9	7785.9	7766.4	7712.6	7683.3	7590.5	7463.5	7336.5	7136.3	6965.3	6760.2
-35°	6413.4	6354.7	6359.6	6354.7	6325.4	6257.1	6100.7	6066.6	5920.0	5763.7	5631.8
-37.5°	5250.8	5255.7	5250.8	5246.0	5206.9	5177.6	5065.2	5021.3	4933.3	4781.9	4703.8
-40°	4376.5	4386.3	4381.4	4371.6	4327.7	4313.0	4239.7	4181.1	4146.9	4039.5	3956.4
-42.5°	3668.3	3682.9	3678.0	3673.1	3643.8	3639.0	3599.9	3531.5	3512.0	3448.5	3360.5
-45°	3131.0	3126.1	3116.3	3126.1	3111.4	3096.8	3072.4	3028.4	3004.0	2974.7	2901.4
-47.5°	2706.0	2710.9	2701.1	2701.1	2681.6	2666.9	2657.2	2627.9	2608.3	2583.9	2539.9
-50°	2354.3	2373.9	2369.0	2364.1	2349.4	2339.7	2339.7	2310.4	2281.1	2271.3	2242.0
-52.5°	2080.8	2095.5	2100.3	2110.1	2115.0	2119.9	2105.2	2075.9	2027.1	2022.2	2007.5
-55°	1831.7	1875.6	1905.0	1924.5	1944.0	1958.7	1929.4	1890.3	1841.5	1821.9	1817.0
-57.5°	1660.7	1704.7	1738.9	1768.2	1792.6	1817.0	1787.7	1748.7	1704.7	1680.3	1675.4
-60°	1504.4	1543.5	1577.7	1616.8	1651.0	1690.0	1675.4	1646.1	1621.7	1602.1	1582.6
-62.5°	1338.4	1377.4	1416.5	1465.4	1509.3	1548.4	1553.3	1548.4	1543.5	1548.4	1514.2
-65°	1201.6	1221.1	1245.5	1299.3	1348.1	1392.1	1416.5	1431.2	1455.6	1480.0	1445.8
-67.5°	1055.1	1079.5	1108.8	1147.9	1186.9	1216.2	1250.4	1289.5	1328.6	1367.7	1343.2
-70°	923.2	942.7	967.1	986.7	1011.1	1030.6	1059.9	1103.9	1147.9	1186.9	1177.2
-72.5°	786.4	805.9	820.6	830.4	845.0	854.8	869.4	908.5	937.8	957.4	957.4
-75°	649.6	669.2	683.8	688.7	698.5	703.4	713.1	727.8	742.4	747.3	752.2
-77.5°	498.2	517.8	532.4	542.2	551.9	561.7	566.6	576.4	581.3	581.3	586.1
-80°	371.2	385.9	395.6	410.3	415.2	425.0	434.7	439.6	444.5	444.5	449.4
-82.5°	263.8	273.5	283.3	293.1	302.8	307.7	317.5	322.4	327.3	332.1	337.0
-85°	175.8	185.6	195.4	205.1	210.0	214.9	219.8	224.7	229.6	234.5	239.3
-87.5°	102.6	107.5	112.3	122.1	127.0	136.8	141.7	136.8	141.7	141.7	141.7
-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°	190.5	190.5	190.5	190.5	185.6	175.8	171.0	161.2	151.4	141.7	131.9
85°	395.6	400.5	400.5	400.5	390.8	385.9	371.2	356.6	337.0	307.7	283.3
82.5°	659.4	664.3	664.3	659.4	649.6	635.0	615.4	591.0	551.9	512.9	478.7
80°	991.6	996.4	996.4	991.6	967.1	942.7	918.3	889.0	840.1	786.4	727.8
77.5°	1387.2	1397.0	1397.0	1382.3	1348.1	1318.8	1279.7	1230.9	1157.6	1079.5	1001.3
75°	1846.3	1870.8	1875.6	1861.0	1817.0	1763.3	1699.8	1616.8	1504.4	1406.7	1313.9
72.5°	2378.8	2403.2	2422.7	2403.2	2339.7	2266.4	2173.6	2075.9	1963.6	1831.7	1675.4
70°	3077.2	3101.7	3116.3	3052.8	2940.5	2818.4	2706.0	2593.7	2461.8	2300.6	2129.6
67.5°	3956.4	3932.0	3902.7	3775.7	3634.1	3487.5	3331.2	3165.2	2994.2	2823.2	2623.0
65°	4801.5	4733.1	4669.6	4518.2	4337.4	4146.9	3966.2	3780.6	3575.5	3360.5	3170.0
62.5°	5690.4	5543.9	5387.6	5202.0	5016.4	4806.4	4625.6	4405.8	4176.3	3912.5	3668.3
60°	6564.8	6388.9	6232.6	6003.1	5758.8	5475.5	5280.1	5065.2	4796.6	4513.3	4225.1
57.5°	7409.8	7219.3	7048.3	6848.1	6584.3	6276.6	6061.7	5783.3	5500.0	5143.4	4850.3
55°	8308.5	8118.0	7981.3	7756.6	7468.4	7185.1	6950.6	6657.6	6261.9	5880.9	5519.5
52.5°	9339.2	9187.8	9041.2	8811.6	8464.8	8176.7	7917.8	7590.5	7175.3	6706.4	6271.7
50°	10491.9	10413.8	10257.5	9988.8	9593.2	9339.2	8997.3	8562.5	8118.0	7624.7	7082.5
47.5°	12020.8	11893.8	11674.0	11380.9	11048.7	10667.8	10208.6	9700.6	9070.5	8523.5	7947.1
45°	13847.6	13613.1	13329.8	12934.2	12523.9	12094.0	11590.9	10946.2	10101.2	9388.0	8782.3
42.5°	15825.8	15508.3	15122.4	14604.7	14072.3	13544.7	13002.6	12123.3	11068.3	10247.7	9563.9
40°	17891.9	17486.5	17003.0	16250.7	15659.7	14980.8	14360.4	13046.5	11923.1	11034.1	10306.3
37.5°	19914.1	19401.3	18590.4	17677.0	16988.3	16431.5	15068.7	13662.0	12655.8	11678.8	10941.3
35°	21462.5	21027.8	19596.6	18649.0	18058.0	17178.8	15474.1	14033.2	12968.4	12157.5	11009.7
32.5°	22380.8	21257.4	20002.0	19044.7	18556.2	17115.3	15503.4	14140.6	13114.9	12206.4	10833.8
30°	22175.6	20817.8	19718.7	18917.7	17857.7	16563.4	15229.9	13974.6	12978.1	11879.1	10638.5
27.5°	20939.9	19889.7	18907.9	18072.7	17032.3	15869.8	14638.9	13535.0	12606.9	11542.1	10369.8
25°	19542.9	18590.4	17862.6	17134.8	16148.2	15039.4	13955.0	13158.9	12225.9	11175.7	10018.1
22.5°	18258.3	17574.4	17003.0	16241.0	15278.7	14311.6	13637.5	12812.1	11854.7	10789.9	9656.7
20°	17437.7	16973.7	16319.1	15479.0	14721.9	14116.2	13368.9	12494.6	11507.9	10394.2	9348.9
17.5°	17042.0	16504.7	15776.9	15229.9	14648.6	13984.3	13149.1	12221.0	11170.9	10213.5	9383.1
15°	16836.9	16270.3	15791.6	15254.3	14599.8	13901.3	12973.2	12011.0	11170.9	10286.8	9407.6
12.5°	16880.8	16392.4	15869.8	15283.6	14580.2	13832.9	12992.8	12098.9	11229.5	10340.5	9412.4
10°	17017.6	16504.7	15947.9	15298.3	14590.0	13852.5	13046.5	12152.6	11258.8	10364.9	9402.7
7.5°	17066.5	16509.6	15913.7	15259.2	14565.6	13842.7	13056.3	12167.3	11263.7	10360.0	9373.4
5°	16915.0	16411.9	15835.6	15176.2	14497.2	13793.8	13017.2	12147.8	11224.6	10311.2	9300.1
2.5°	16709.9	16304.5	15752.5	15117.5	14428.8	13725.5	12953.7	12059.8	11136.7	10223.3	9207.3
0°	16675.7	16172.6	15615.8	15049.2	14316.5	13574.0	12807.2	11893.8	10975.5	10057.2	9046.1
-2.5°	16451.0	15918.6	15361.8	14746.3	14101.6	13354.2	12548.3	11654.4	10745.9	9842.3	8870.3
-5°	16280.1	15689.0	15098.0	14433.7	13784.1	13036.7	12201.5	11332.1	10443.1	9563.9	8626.0
-7.5°	16050.5	15444.8	14824.5	14130.9	13427.5	12665.5	11840.0	10970.6	10096.3	9221.9	8323.2
-10°	15586.5	15054.0	14472.8	13754.8	13012.3	12250.3	11429.7	10575.0	9700.6	8816.5	7912.9
-12.5°	15024.7	14463.0	13828.0	13168.6	12504.3	11796.1	10975.5	10135.3	9256.1	8367.2	7468.4
-15°	14296.9	13745.0	13095.4	12450.6	11810.7	11131.8	10408.9	9651.8	8757.9	7883.6	6984.8
-17.5°	13388.4	12870.7	12289.4	11674.0	11039.0	10355.1	9651.8	9011.9	8176.7	7356.1	6467.1
-20°	12411.5	11928.0	11405.3	10824.1	10189.1	9519.9	8855.6	8186.4	7463.5	6740.6	5915.1



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CATALOG NUMBER: IFLD-S-SA6D-735-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	11395.5	10907.1	10379.6	9837.4	9251.3	8630.9	8015.5	7375.6	6740.6	6086.1	5387.6
-25°	10223.3	9793.4	9309.9	8782.3	8259.7	7717.5	7131.4	6550.1	6007.9	5441.3	4869.9
-27.5°	8997.3	8601.6	8162.0	7702.9	7253.5	6799.2	6291.2	5753.9	5304.6	4835.7	4361.9
-30°	7707.7	7390.3	7033.7	6633.2	6286.4	5920.0	5495.1	5050.6	4640.3	4283.7	3902.7
-32.5°	6486.6	6218.0	5964.0	5700.2	5358.3	5075.0	4781.9	4454.7	4093.2	3756.2	3482.7
-35°	5436.5	5148.3	5040.8	4845.4	4601.2	4352.1	4137.2	3902.7	3629.2	3331.2	3106.5
-37.5°	4552.4	4381.4	4230.0	4122.5	3961.3	3761.1	3590.1	3419.2	3209.1	2984.4	2759.7
-40°	3863.6	3746.4	3580.3	3526.6	3424.0	3287.3	3111.4	2979.5	2837.9	2666.9	2476.4
-42.5°	3311.7	3223.8	3116.3	3023.5	2979.5	2881.9	2745.1	2618.1	2505.8	2388.5	2242.0
-45°	2857.4	2798.8	2730.4	2647.4	2613.2	2535.1	2437.4	2295.7	2232.2	2134.5	2027.1
-47.5°	2491.1	2461.8	2412.9	2359.2	2310.4	2251.8	2163.8	2075.9	1988.0	1924.5	1841.5
-50°	2202.9	2183.4	2154.1	2110.1	2046.6	2007.5	1948.9	1870.8	1787.7	1734.0	1675.4
-52.5°	1973.3	1953.8	1934.3	1900.1	1851.2	1812.2	1763.3	1699.8	1631.4	1577.7	1528.8
-55°	1797.5	1768.2	1753.5	1724.2	1685.2	1641.2	1597.2	1553.3	1494.7	1445.8	1397.0
-57.5°	1660.7	1621.7	1602.1	1577.7	1538.6	1494.7	1460.5	1416.5	1377.4	1323.7	1279.7
-60°	1553.3	1509.3	1470.2	1445.8	1411.6	1367.7	1333.5	1299.3	1260.2	1216.2	1162.5
-62.5°	1465.4	1411.6	1357.9	1328.6	1294.4	1255.3	1221.1	1186.9	1147.9	1103.9	1055.1
-65°	1382.3	1318.8	1250.4	1221.1	1186.9	1147.9	1103.9	1079.5	1045.3	1006.2	957.4
-67.5°	1279.7	1211.4	1152.7	1118.6	1084.4	1050.2	1011.1	986.7	952.5	903.6	854.8
-70°	1128.3	1084.4	1045.3	1016.0	986.7	957.4	918.3	879.2	840.1	796.2	752.2
-72.5°	937.8	923.2	918.3	903.6	869.4	835.3	796.2	757.1	722.9	688.7	654.5
-75°	757.1	766.9	776.6	771.8	737.6	703.4	669.2	635.0	610.6	581.3	551.9
-77.5°	600.8	610.6	620.3	620.3	595.9	576.4	551.9	527.5	508.0	483.6	454.3
-80°	464.0	478.7	493.3	503.1	483.6	468.9	449.4	429.8	410.3	390.8	371.2
-82.5°	351.7	366.3	381.0	390.8	376.1	366.3	351.7	337.0	322.4	302.8	288.2
-85°	254.0	263.8	273.5	278.4	268.6	258.9	249.1	239.3	229.6	214.9	205.1
-87.5°	146.5	151.4	156.3	161.2	151.4	141.7	136.8	127.0	122.1	112.3	107.5
-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):

	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°	122.1	112.3	102.6	97.7	87.9	73.3	63.5	53.7	44.0	34.2	29.3
85°	258.9	234.5	205.1	190.5	171.0	151.4	131.9	112.3	92.8	73.3	53.7
82.5°	444.5	415.2	385.9	351.7	307.7	254.0	200.3	166.1	136.8	107.5	83.0
80°	669.2	615.4	566.6	522.6	473.8	405.4	332.1	263.8	185.6	141.7	107.5
77.5°	928.1	864.6	796.2	722.9	644.8	551.9	468.9	381.0	288.2	195.4	136.8
75°	1221.1	1138.1	1045.3	942.7	840.1	718.0	600.8	498.2	390.8	273.5	166.1
72.5°	1548.4	1445.8	1333.5	1196.7	1035.5	893.9	752.2	615.4	488.5	346.8	224.7
70°	1968.5	1807.3	1641.2	1494.7	1289.5	1064.8	898.7	742.4	581.3	425.0	283.3
67.5°	2417.8	2222.4	2022.2	1807.3	1548.4	1284.6	1045.3	869.4	678.9	498.2	337.0
65°	2906.3	2662.1	2408.1	2168.7	1812.2	1499.5	1230.9	991.6	771.8	566.6	390.8
62.5°	3409.4	3121.2	2828.1	2515.5	2105.2	1719.3	1406.7	1128.3	859.7	630.1	439.6
60°	3946.7	3609.6	3253.1	2862.3	2383.6	1958.7	1572.8	1270.0	952.5	693.6	493.3
57.5°	4513.3	4146.9	3726.9	3199.4	2671.8	2188.3	1763.3	1397.0	1035.5	752.2	532.4
55°	5128.7	4708.7	4249.5	3551.0	2955.1	2417.8	1953.8	1524.0	1123.4	801.1	571.5
52.5°	5793.0	5304.6	4723.3	3922.3	3253.1	2652.3	2129.6	1636.3	1206.5	854.8	605.7
50°	6535.5	5920.0	5138.5	4264.2	3512.0	2872.1	2305.5	1758.4	1274.9	913.4	635.0
47.5°	7307.2	6642.9	5509.7	4581.7	3775.7	3087.0	2486.2	1865.9	1343.2	962.2	664.3
45°	8113.2	7146.0	5895.6	4865.0	4005.3	3282.4	2623.0	1963.6	1426.3	1006.2	688.7
42.5°	8909.3	7527.0	6232.6	5148.3	4220.2	3458.2	2735.3	2056.4	1494.7	1050.2	713.1
40°	9285.4	7815.2	6501.3	5343.6	4400.9	3614.5	2833.0	2139.4	1553.3	1079.5	737.6
37.5°	9441.7	7991.0	6677.1	5529.3	4542.6	3697.6	2916.0	2212.7	1602.1	1108.8	757.1
35°	9475.9	8054.5	6765.0	5656.3	4659.8	3775.7	2979.5	2266.4	1641.2	1138.1	776.6
32.5°	9412.4	8035.0	6789.5	5700.2	4733.1	3834.3	3023.5	2305.5	1670.5	1167.4	796.2
30°	9270.8	7932.4	6701.5	5695.3	4786.8	3868.5	3052.8	2334.8	1699.8	1186.9	805.9
27.5°	9041.2	7751.7	6589.2	5700.2	4816.1	3883.2	3067.5	2349.4	1719.3	1201.6	825.5
25°	8757.9	7507.5	6594.1	5690.4	4821.0	3888.1	3067.5	2349.4	1724.2	1206.5	840.1
22.5°	8430.7	7507.5	6594.1	5675.8	4791.7	3878.3	3052.8	2339.7	1724.2	1216.2	854.8
20°	8450.2	7512.4	6579.4	5646.5	4747.7	3849.0	3018.6	2315.3	1709.6	1230.9	864.6
17.5°	8464.8	7502.6	6550.1	5607.4	4689.1	3800.1	2974.7	2281.1	1709.6	1245.5	869.4
15°	8464.8	7473.3	6506.2	5548.8	4615.9	3731.8	2911.2	2251.8	1714.5	1250.4	879.2
12.5°	8450.2	7419.6	6437.8	5470.6	4527.9	3648.7	2872.1	2242.0	1714.5	1255.3	879.2
10°	8420.9	7346.3	6349.9	5373.0	4444.9	3619.4	2852.6	2222.4	1704.7	1255.3	879.2
7.5°	8367.2	7258.4	6276.6	5314.3	4396.1	3585.2	2823.2	2193.1	1690.0	1245.5	889.0
5°	8284.1	7209.5	6218.0	5246.0	4327.7	3560.8	2803.7	2168.7	1680.3	1245.5	879.2
2.5°	8176.7	7150.9	6149.6	5158.0	4249.5	3477.8	2740.2	2115.0	1646.1	1226.0	869.4
0°	8000.8	7033.7	6032.4	5035.9	4142.1	3394.7	2676.7	2061.3	1611.9	1206.5	859.7
-2.5°	7839.6	6877.4	5880.9	4908.9	4039.5	3321.5	2627.9	2032.0	1597.2	1201.6	854.8
-5°	7614.9	6662.5	5680.7	4742.9	3902.7	3248.2	2579.0	1997.8	1582.6	1191.8	854.8
-7.5°	7365.8	6437.8	5470.6	4571.9	3766.0	3121.2	2486.2	1944.0	1548.4	1172.3	849.9
-10°	6980.0	6100.7	5206.9	4376.5	3619.4	3008.9	2408.1	1895.2	1519.1	1152.7	830.4
-12.5°	6569.7	5729.5	4904.0	4137.2	3453.3	2891.6	2320.1	1841.5	1484.9	1133.2	820.6
-15°	6134.9	5348.5	4586.5	3888.1	3272.6	2750.0	2227.3	1782.8	1450.7	1108.8	805.9
-17.5°	5680.7	4948.0	4259.3	3634.1	3091.9	2603.4	2129.6	1729.1	1411.6	1084.4	791.3
-20°	5202.0	4537.7	3927.1	3375.2	2901.4	2456.9	2027.1	1665.6	1367.7	1055.1	771.8



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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°	4728.2	4132.3	3585.2	3121.2	2706.0	2305.5	1924.5	1602.1	1318.8	1020.9	757.1
-25°	4308.1	3751.3	3282.4	2877.0	2515.5	2159.0	1817.0	1538.6	1265.1	986.7	737.6
-27.5°	3897.8	3424.0	2984.4	2647.4	2329.9	2017.3	1714.5	1470.2	1211.4	947.6	718.0
-30°	3516.8	3111.4	2750.0	2422.7	2154.1	1890.3	1626.5	1401.9	1152.7	908.5	693.6
-32.5°	3170.0	2842.8	2539.9	2227.3	1988.0	1763.3	1543.5	1333.5	1094.1	869.4	669.2
-35°	2847.7	2593.7	2329.9	2066.1	1821.9	1646.1	1455.6	1260.2	1040.4	825.5	644.8
-37.5°	2559.5	2354.3	2144.3	1919.6	1709.6	1533.7	1372.5	1186.9	986.7	786.4	620.3
-40°	2310.4	2144.3	1958.7	1778.0	1602.1	1436.0	1289.5	1113.7	932.9	757.1	595.9
-42.5°	2080.8	1953.8	1802.4	1651.0	1494.7	1348.1	1206.5	1035.5	879.2	722.9	571.5
-45°	1905.0	1778.0	1655.8	1519.1	1387.2	1260.2	1118.6	967.1	830.4	683.8	547.1
-47.5°	1738.9	1626.5	1514.2	1401.9	1294.4	1177.2	1035.5	908.5	776.6	649.6	527.5
-50°	1592.3	1484.9	1387.2	1289.5	1196.7	1084.4	952.5	849.9	732.7	615.4	503.1
-52.5°	1455.6	1362.8	1265.1	1186.9	1108.8	996.4	889.0	791.3	688.7	576.4	478.7
-55°	1333.5	1245.5	1157.6	1084.4	1011.1	913.4	825.5	742.4	644.8	547.1	454.3
-57.5°	1216.2	1143.0	1059.9	991.6	918.3	840.1	766.9	688.7	600.8	517.8	429.8
-60°	1108.8	1040.4	967.1	898.7	835.3	771.8	703.4	639.9	561.7	483.6	405.4
-62.5°	1001.3	942.7	879.2	810.8	762.0	703.4	649.6	586.1	522.6	454.3	361.5
-65°	903.6	849.9	791.3	732.7	688.7	644.8	595.9	537.3	483.6	420.1	322.4
-67.5°	805.9	757.1	708.3	659.4	620.3	586.1	537.3	493.3	449.4	381.0	283.3
-70°	713.1	674.1	630.1	591.0	561.7	522.6	488.5	449.4	410.3	332.1	239.3
-72.5°	625.2	586.1	551.9	522.6	498.2	464.0	434.7	405.4	351.7	278.4	200.3
-75°	522.6	498.2	478.7	454.3	429.8	405.4	381.0	346.8	293.1	224.7	156.3
-77.5°	429.8	415.2	400.5	381.0	361.5	341.9	312.6	278.4	234.5	175.8	127.0
-80°	351.7	337.0	327.3	307.7	293.1	273.5	244.2	214.9	171.0	136.8	102.6
-82.5°	268.6	258.9	249.1	239.3	224.7	205.1	175.8	151.4	127.0	102.6	78.2
-85°	190.5	185.6	175.8	166.1	151.4	136.8	117.2	102.6	87.9	68.4	53.7
-87.5°	97.7	92.8	87.9	83.0	78.2	68.4	58.6	48.8	44.0	34.2	24.4
-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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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	19.5	14.7	4.9	0.0
85°	39.1	24.4	9.8	0.0
82.5°	58.6	39.1	14.7	0.0
80°	78.2	48.8	24.4	0.0
77.5°	97.7	58.6	29.3	0.0
75°	117.2	73.3	34.2	0.0
72.5°	131.9	83.0	39.1	0.0
70°	156.3	97.7	44.0	0.0
67.5°	195.4	107.5	48.8	0.0
65°	229.6	117.2	53.7	0.0
62.5°	268.6	127.0	58.6	0.0
60°	302.8	136.8	63.5	0.0
57.5°	337.0	161.2	68.4	0.0
55°	366.3	180.7	73.3	0.0
52.5°	400.5	200.3	78.2	0.0
50°	429.8	219.8	83.0	0.0
47.5°	454.3	239.3	83.0	0.0
45°	473.8	254.0	87.9	0.0
42.5°	488.5	268.6	92.8	0.0
40°	503.1	283.3	97.7	0.0
37.5°	517.8	298.0	97.7	0.0
35°	532.4	312.6	102.6	0.0
32.5°	547.1	327.3	102.6	0.0
30°	556.8	337.0	107.5	0.0
27.5°	571.5	346.8	107.5	0.0
25°	576.4	356.6	112.3	0.0
22.5°	586.1	361.5	112.3	0.0
20°	595.9	371.2	112.3	0.0
17.5°	600.8	376.1	117.2	0.0
15°	600.8	381.0	122.1	0.0
12.5°	605.7	385.9	122.1	0.0
10°	605.7	395.6	117.2	0.0
7.5°	615.4	390.8	117.2	0.0
5°	610.6	390.8	117.2	0.0
2.5°	605.7	385.9	117.2	0.0
0°	600.8	385.9	117.2	0.0
-2.5°	600.8	385.9	117.2	0.0
-5°	600.8	385.9	117.2	0.0
-7.5°	595.9	390.8	117.2	0.0
-10°	586.1	390.8	117.2	0.0
-12.5°	581.3	376.1	117.2	0.0
-15°	576.4	371.2	117.2	0.0
-17.5°	566.6	366.3	112.3	0.0
-20°	556.8	361.5	112.3	0.0



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 CATALOG NUMBER: IFLD-S-SA6D-735-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	547.1	351.7	112.3	0.0
-25°	537.3	341.9	107.5	0.0
-27.5°	527.5	332.1	107.5	0.0
-30°	512.9	322.4	102.6	0.0
-32.5°	498.2	312.6	102.6	0.0
-35°	488.5	298.0	97.7	0.0
-37.5°	473.8	283.3	97.7	0.0
-40°	459.1	268.6	92.8	0.0
-42.5°	444.5	254.0	87.9	0.0
-45°	425.0	239.3	87.9	0.0
-47.5°	410.3	224.7	83.0	0.0
-50°	385.9	205.1	78.2	0.0
-52.5°	356.6	185.6	73.3	0.0
-55°	327.3	171.0	68.4	0.0
-57.5°	298.0	151.4	68.4	0.0
-60°	268.6	131.9	63.5	0.0
-62.5°	239.3	122.1	58.6	0.0
-65°	210.0	112.3	53.7	0.0
-67.5°	175.8	97.7	48.8	0.0
-70°	146.5	87.9	44.0	0.0
-72.5°	127.0	78.2	39.1	0.0
-75°	107.5	68.4	34.2	0.0
-77.5°	92.8	58.6	29.3	0.0
-80°	73.3	44.0	19.5	0.0
-82.5°	53.7	34.2	14.7	0.0
-85°	34.2	24.4	9.8	0.0
-87.5°	19.5	9.8	4.9	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)