

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: P722073

Luminaire Tested: **IFLD-L-SA8C-735-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722073
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8C-735-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (128) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

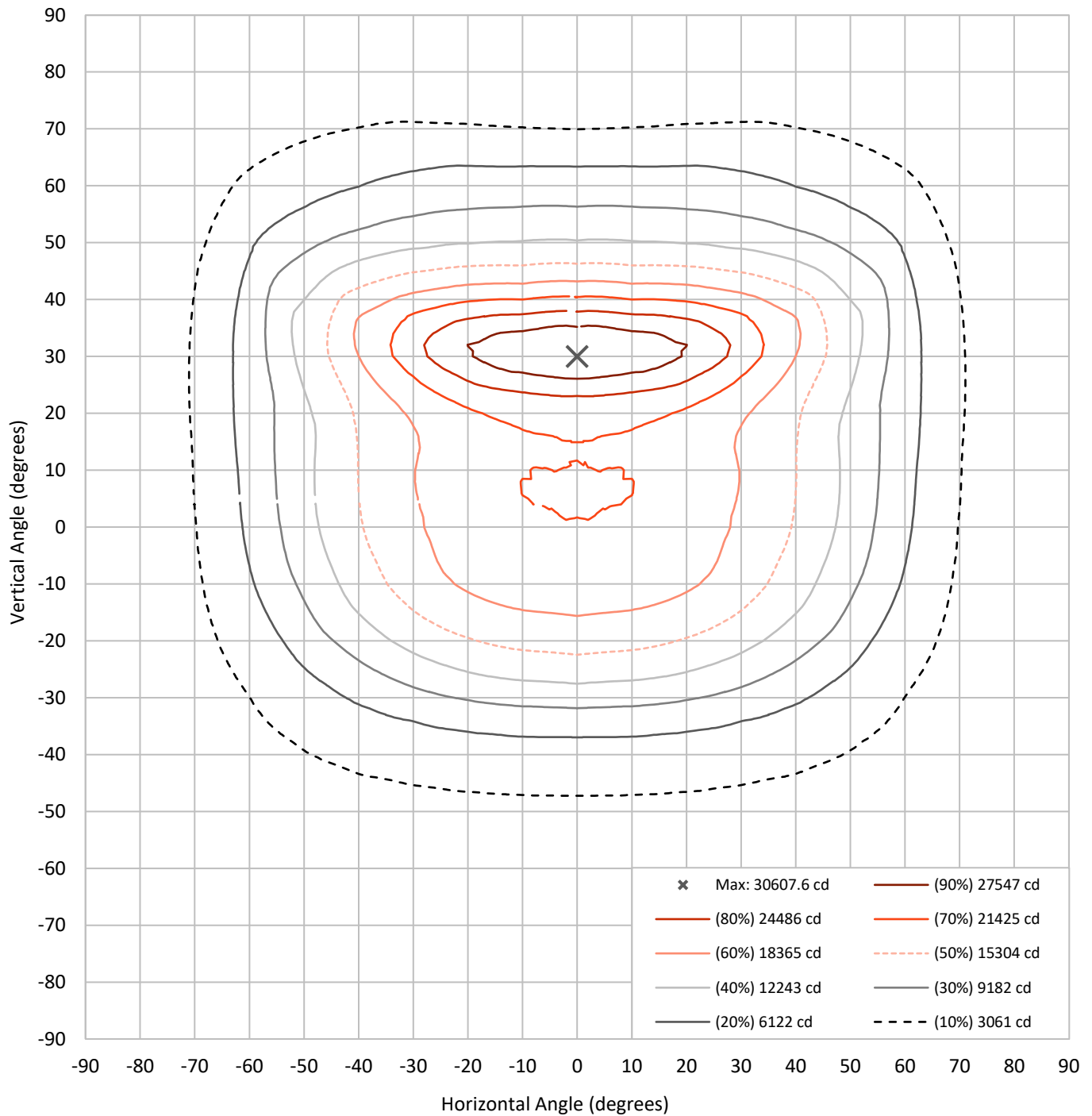
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	51091.7 lumens	Max Intensity:	30607.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	121.6 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	29710.4 lumens	Field Lumens:	47879.5 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 420.3
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



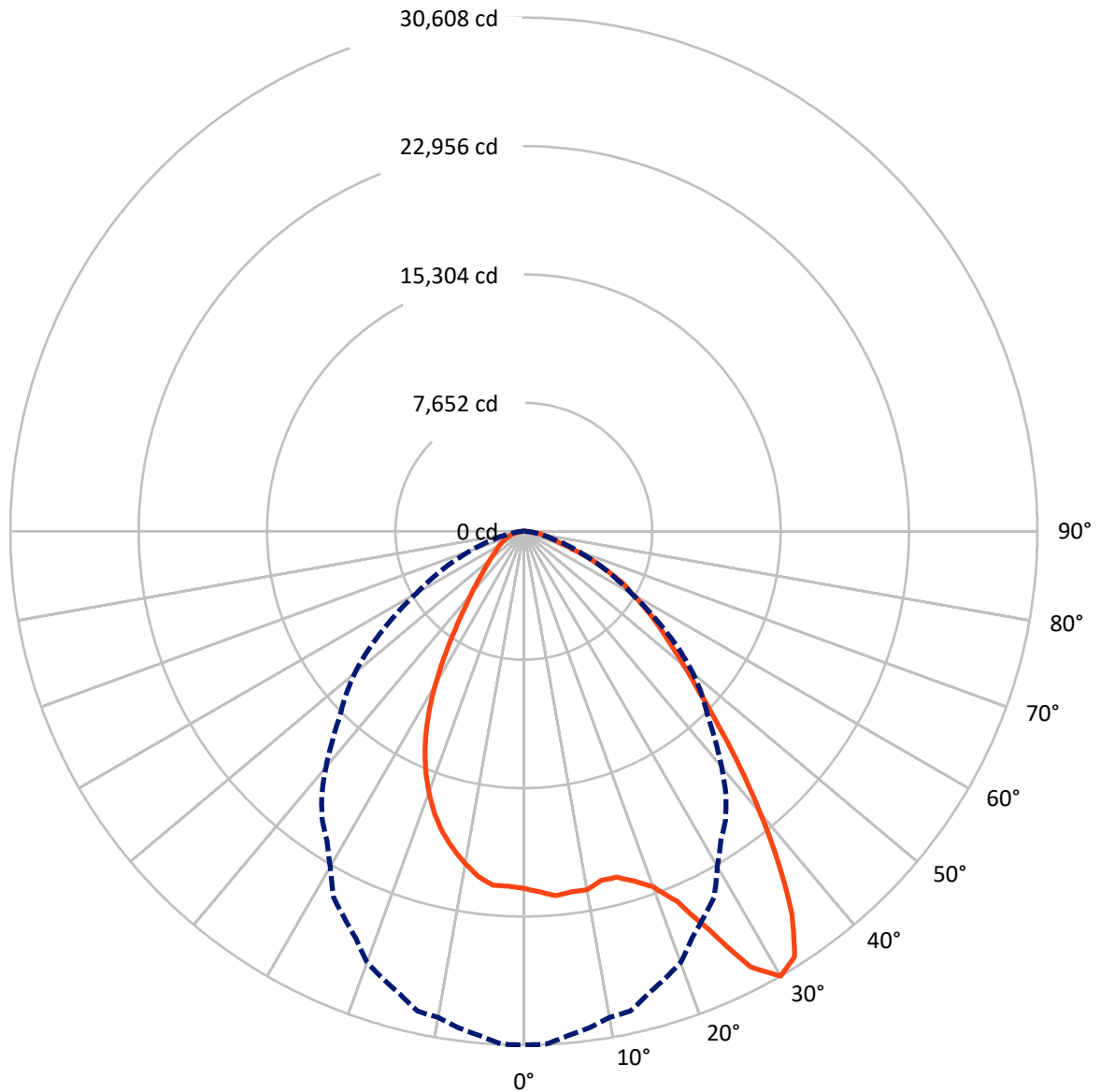
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Iso-Candela Plot



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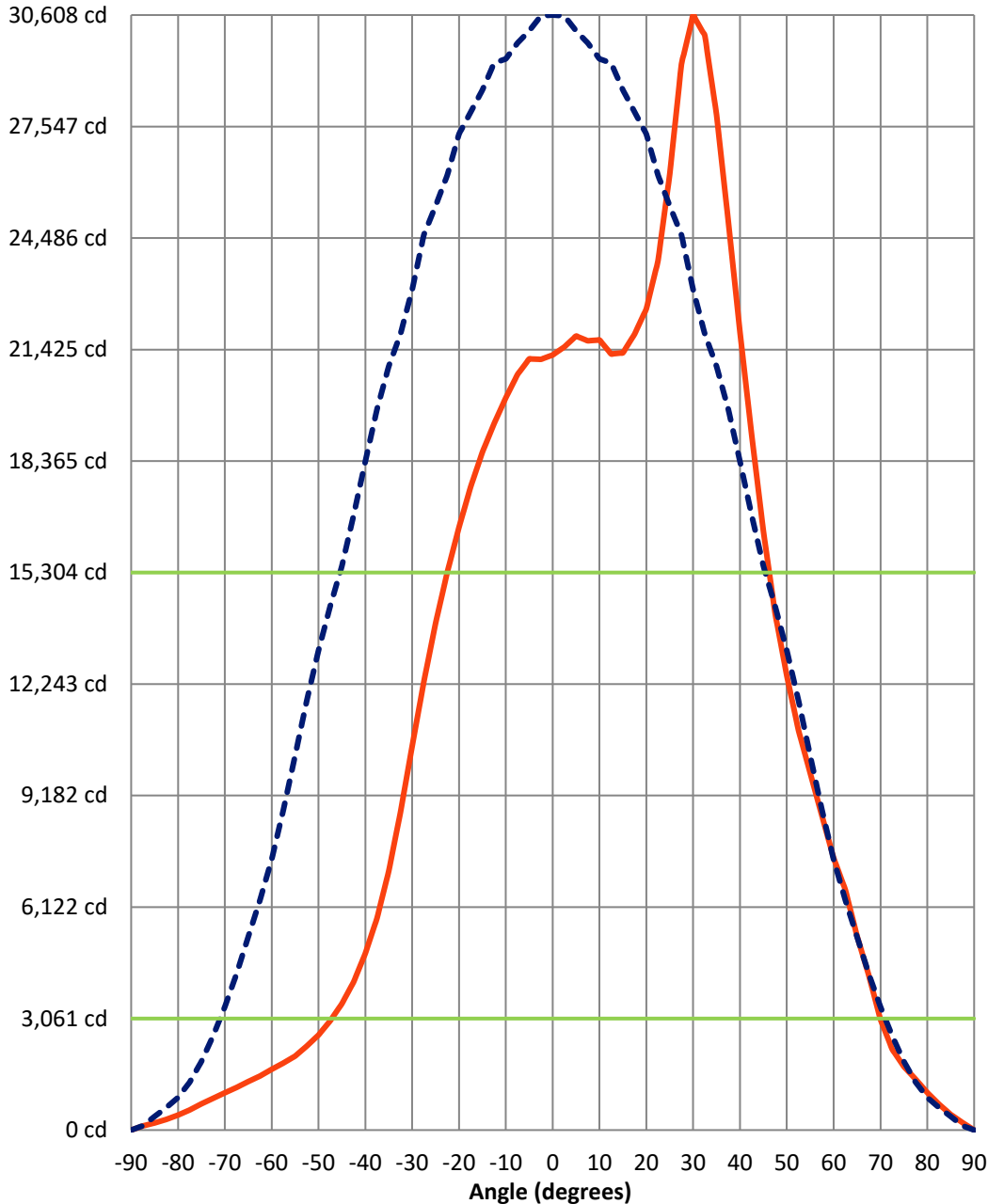
Luminous Intensity Polar Plot



— 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: 29710.4
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 47879.5
 Efficiency: 93.7%

Spill:
 Lumens: 3212.2
 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°	205.7	211.1	216.5	216.5	211.1	211.1	211.1	205.7	211.1	211.1	211.1
85°	427.6	438.4	449.2	443.8	438.4	427.6	416.8	422.2	427.6	433.0	433.0
82.5°	709.0	725.3	736.1	730.7	719.9	709.0	698.2	703.6	714.4	719.9	719.9
80°	1028.4	1033.8	1039.2	1050.0	1033.8	1033.8	1028.4	1050.0	1060.8	1071.7	1082.5
77.5°	1396.4	1401.8	1401.8	1407.2	1412.7	1418.1	1418.1	1456.0	1483.0	1499.3	1515.5
75°	1742.8	1759.1	1775.3	1791.5	1813.2	1824.0	1840.2	1894.4	1937.7	1970.1	2002.6
72.5°	2219.1	2240.8	2267.8	2305.7	2343.6	2370.7	2408.6	2473.5	2522.2	2554.7	2592.6
70°	3036.4	3058.0	3085.1	3112.2	3150.1	3177.1	3215.0	3296.2	3344.9	3366.6	3388.2
67.5°	4248.8	4302.9	4351.6	4297.5	4270.4	4232.6	4243.4	4319.2	4367.9	4400.3	4394.9
65°	5325.9	5363.8	5363.8	5358.4	5336.7	5288.0	5315.1	5407.1	5461.2	5488.3	5407.1
62.5°	6592.4	6592.4	6565.3	6608.6	6614.0	6581.6	6565.3	6570.7	6576.2	6592.4	6457.1
60°	7469.2	7523.3	7539.6	7577.5	7588.3	7588.3	7615.4	7637.0	7637.0	7604.5	7447.6
57.5°	8627.5	8730.3	8752.0	8724.9	8670.8	8600.4	8589.6	8557.1	8492.2	8427.2	8351.5
55°	9796.6	9850.7	9845.3	9829.1	9774.9	9693.7	9704.6	9661.3	9558.4	9477.2	9374.4
52.5°	10971.1	11101.0	11122.6	11090.2	11014.4	10927.8	10933.2	10884.5	10781.7	10695.1	10554.3
50°	12470.3	12578.6	12567.8	12513.6	12405.4	12340.4	12345.9	12253.8	12134.8	12107.7	11923.7
47.5°	14186.1	14310.6	14288.9	14213.2	14067.0	14040.0	14067.0	13948.0	13877.6	13818.1	13601.6
45°	16437.7	16583.8	16502.6	16356.5	16123.8	16150.8	16188.7	16167.1	16015.5	15858.6	15582.5
42.5°	19079.0	19171.0	19073.6	18927.4	18635.2	18689.3	18667.6	18537.7	18445.7	18185.9	17834.1
40°	21904.3	22104.6	21953.0	21725.7	21422.6	21503.8	21444.2	21276.4	21059.9	20735.2	20291.4
37.5°	24951.5	25108.5	24935.3	24670.1	24399.4	24372.4	24253.3	23993.5	23685.0	23327.8	22618.7
35°	27868.8	28274.8	27955.4	27533.3	27203.1	27078.6	26965.0	26364.2	26012.4	25433.2	24464.4
32.5°	30039.2	30336.9	29941.8	29503.4	29102.9	28929.7	28529.2	27814.7	27625.3	26407.5	25519.8
30°	30607.6	30585.9	30174.6	29839.0	29406.0	29286.9	28550.8	27944.6	27338.4	26212.6	25368.3
27.5°	29254.4	29119.1	28724.0	28431.7	28004.2	27863.4	27138.2	26813.4	25877.1	24924.5	24210.0
25°	26239.7	26310.1	26012.4	25866.2	25584.8	25281.7	24994.8	24556.4	23971.9	23138.3	22483.4
22.5°	23863.6	23955.6	23831.1	23657.9	23441.4	23273.7	23057.2	22716.2	22153.3	21639.1	21022.1
20°	22543.0	22515.9	22407.7	22277.8	22072.1	21953.0	21714.9	21428.0	20995.0	20551.2	19885.4
17.5°	21850.2	21682.4	21579.5	21530.8	21422.6	21271.0	20989.6	20697.3	20361.7	19858.4	19371.3
15°	21336.0	21363.0	21281.9	21244.0	21157.4	20946.3	20659.4	20421.3	19966.6	19712.2	19268.4
12.5°	21303.5	21276.4	21281.9	21265.6	21157.4	20886.7	20740.6	20437.5	20145.2	19809.7	19300.9
10°	21687.8	21400.9	21422.6	21498.4	21325.2	21108.7	20951.7	20621.5	20345.5	19917.9	19414.6
7.5°	21666.1	21520.0	21563.3	21438.8	21492.9	21227.7	21011.2	20681.1	20334.7	19880.0	19425.4
5°	21796.0	21574.1	21536.2	21547.1	21411.8	21211.5	20919.2	20605.3	20280.6	19771.8	19306.3
2.5°	21498.4	21530.8	21357.6	21292.7	21276.4	20940.9	20670.3	20367.2	20031.6	19582.3	19165.6
0°	21276.4	21336.0	21157.4	21065.4	21059.9	20773.1	20599.9	20253.5	20015.3	19641.9	19138.5
-2.5°	21157.4	21227.7	21249.4	21081.6	20919.2	20697.3	20405.0	20031.6	19641.9	19208.9	18775.9
-5°	21168.2	21027.5	20967.9	21022.1	20881.3	20659.4	20334.7	20004.5	19620.2	19154.8	18613.5
-7.5°	20740.6	20599.9	20589.1	20562.0	20529.5	20318.4	20047.8	19690.6	19300.9	18867.9	18364.5
-10°	20101.9	19999.1	19972.0	19945.0	19858.4	19733.9	19479.5	19154.8	18802.9	18369.9	17834.1
-12.5°	19392.9	19344.2	19241.4	19171.0	19084.4	18938.3	18694.7	18397.0	18045.2	17660.9	17200.9
-15°	18608.1	18516.1	18413.2	18353.7	18229.2	18056.0	17812.5	17536.4	17152.1	16773.3	16340.3
-17.5°	17660.9	17547.3	17433.6	17417.4	17330.8	17065.5	16838.2	16502.6	16167.1	15804.4	15382.3
-20°	16545.9	16389.0	16313.2	16269.9	16150.8	15956.0	15712.4	15403.9	15079.2	14732.8	14245.6



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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°	15311.9	15176.6	15046.7	14965.5	14862.7	14711.1	14478.4	14207.8	13888.4	13498.7	13049.5
-25°	13910.1	13720.6	13639.4	13547.4	13493.3	13352.6	13125.3	12876.3	12546.1	12167.2	11739.7
-27.5°	12308.0	12156.4	12113.1	11983.2	11918.3	11772.1	11582.7	11350.0	11046.9	10689.6	10337.8
-30°	10538.1	10446.1	10375.7	10245.8	10197.1	10040.1	9915.7	9720.8	9444.8	9190.4	8908.9
-32.5°	8719.5	8627.5	8605.8	8546.3	8513.8	8411.0	8270.3	8129.5	7907.6	7718.2	7490.9
-35°	7106.6	7041.6	7047.0	7041.6	7009.2	6933.4	6760.2	6722.3	6559.9	6386.7	6240.6
-37.5°	5818.4	5823.8	5818.4	5813.0	5769.7	5737.2	5612.7	5564.0	5466.6	5298.8	5212.2
-40°	4849.6	4860.4	4855.0	4844.2	4795.5	4779.2	4698.0	4633.1	4595.2	4476.1	4384.1
-42.5°	4064.8	4081.0	4075.6	4070.2	4037.7	4032.3	3989.0	3913.2	3891.6	3821.2	3723.8
-45°	3469.4	3464.0	3453.2	3464.0	3447.7	3431.5	3404.4	3355.7	3328.7	3296.2	3215.0
-47.5°	2998.5	3003.9	2993.1	2993.1	2971.4	2955.2	2944.4	2911.9	2890.3	2863.2	2814.5
-50°	2608.8	2630.5	2625.1	2619.6	2603.4	2592.6	2592.6	2560.1	2527.6	2516.8	2484.3
-52.5°	2305.7	2322.0	2327.4	2338.2	2343.6	2349.0	2332.8	2300.3	2246.2	2240.8	2224.5
-55°	2029.7	2078.4	2110.9	2132.5	2154.2	2170.4	2137.9	2094.6	2040.5	2018.9	2013.4
-57.5°	1840.2	1889.0	1926.8	1959.3	1986.4	2013.4	1981.0	1937.7	1889.0	1861.9	1856.5
-60°	1667.0	1710.3	1748.2	1791.5	1829.4	1872.7	1856.5	1824.0	1796.9	1775.3	1753.6
-62.5°	1483.0	1526.3	1569.6	1623.7	1672.5	1715.8	1721.2	1715.8	1710.3	1715.8	1677.9
-65°	1331.5	1353.1	1380.2	1439.7	1493.8	1542.6	1569.6	1585.9	1612.9	1640.0	1602.1
-67.5°	1169.1	1196.2	1228.6	1271.9	1315.2	1347.7	1385.6	1428.9	1472.2	1515.5	1488.4
-70°	1023.0	1044.6	1071.7	1093.3	1120.4	1142.0	1174.5	1223.2	1271.9	1315.2	1304.4
-72.5°	871.4	893.1	909.3	920.1	936.4	947.2	963.4	1006.7	1039.2	1060.8	1060.8
-75°	719.9	741.5	757.7	763.2	774.0	779.4	790.2	806.5	822.7	828.1	833.5
-77.5°	552.1	573.7	590.0	600.8	611.6	622.4	627.8	638.7	644.1	644.1	649.5
-80°	411.3	427.6	438.4	454.6	460.1	470.9	481.7	487.1	492.5	492.5	497.9
-82.5°	292.3	303.1	313.9	324.7	335.6	341.0	351.8	357.2	362.6	368.0	373.5
-85°	194.8	205.7	216.5	227.3	232.7	238.1	243.6	249.0	254.4	259.8	265.2
-87.5°	113.7	119.1	124.5	135.3	140.7	151.5	157.0	151.5	157.0	157.0	157.0
-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):

	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°	211.1	211.1	211.1	211.1	205.7	194.8	189.4	178.6	167.8	157.0	146.1
85°	438.4	443.8	443.8	443.8	433.0	427.6	411.3	395.1	373.5	341.0	313.9
82.5°	730.7	736.1	736.1	730.7	719.9	703.6	682.0	654.9	611.6	568.3	530.4
80°	1098.7	1104.1	1104.1	1098.7	1071.7	1044.6	1017.5	985.1	930.9	871.4	806.5
77.5°	1537.1	1548.0	1548.0	1531.7	1493.8	1461.4	1418.1	1363.9	1282.8	1196.2	1109.6
75°	2045.9	2073.0	2078.4	2062.2	2013.4	1953.9	1883.5	1791.5	1667.0	1558.8	1456.0
72.5°	2635.9	2662.9	2684.6	2662.9	2592.6	2511.4	2408.6	2300.3	2175.8	2029.7	1856.5
70°	3409.9	3436.9	3453.2	3382.8	3258.3	3123.0	2998.5	2874.0	2727.9	2549.3	2359.8
67.5°	4384.1	4357.0	4324.6	4183.8	4026.9	3864.5	3691.3	3507.3	3317.8	3128.4	2906.5
65°	5320.5	5244.7	5174.3	5006.5	4806.3	4595.2	4394.9	4189.3	3961.9	3723.8	3512.7
62.5°	6305.5	6143.2	5970.0	5764.3	5558.6	5325.9	5125.6	4882.1	4627.7	4335.4	4064.8
60°	7274.4	7079.5	6906.3	6651.9	6381.3	6067.4	5850.9	5612.7	5315.1	5001.1	4681.8
57.5°	8210.7	7999.6	7810.2	7588.3	7296.0	6955.0	6716.9	6408.4	6094.4	5699.3	5374.6
55°	9206.6	8995.5	8844.0	8595.0	8275.7	7961.8	7702.0	7377.2	6938.8	6516.6	6116.1
52.5°	10348.7	10180.9	10018.5	9764.1	9379.8	9060.5	8773.6	8411.0	7950.9	7431.3	6949.6
50°	11626.0	11539.4	11366.2	11068.5	10630.1	10348.7	9969.8	9488.1	8995.5	8448.9	7848.1
47.5°	13320.1	13179.4	12935.8	12611.1	12243.0	11820.9	11312.1	10749.2	10051.0	9444.8	8806.1
45°	15344.4	15084.6	14770.7	14332.2	13877.6	13401.3	12843.8	12129.4	11193.0	10402.8	9731.6
42.5°	17536.4	17184.6	16757.0	16183.3	15593.3	15008.8	14408.0	13433.8	12264.7	11355.4	10597.6
40°	19825.9	19376.7	18840.8	18007.3	17352.4	16600.1	15912.7	14456.7	13211.9	12226.8	11420.3
37.5°	22066.7	21498.4	20599.9	19587.8	18824.6	18207.6	16697.5	15138.7	14023.7	12941.2	12123.9
35°	23782.4	23300.7	21714.9	20664.8	20009.9	19035.7	17146.7	15550.0	14370.1	13471.7	12199.7
32.5°	24800.0	23555.1	22164.1	21103.2	20562.0	18965.3	17179.2	15669.1	14532.5	13525.8	12004.9
30°	24572.6	23068.0	21850.2	20962.5	19788.0	18353.7	16876.1	15485.1	14381.0	13163.1	11788.4
27.5°	23203.3	22039.6	20951.7	20026.2	18873.3	17585.1	16221.2	14998.0	13969.6	12789.7	11490.7
25°	21655.3	20599.9	19793.4	18987.0	17893.6	16665.0	15463.4	14581.2	13547.4	12383.7	11101.0
22.5°	20231.8	19474.1	18840.8	17996.5	16930.2	15858.6	15111.6	14196.9	13136.1	11956.2	10700.5
20°	19322.5	18808.4	18083.1	17152.1	16313.2	15642.1	14813.9	13845.1	12751.8	11517.8	10359.5
17.5°	18884.1	18288.8	17482.3	16876.1	16232.0	15495.9	14570.4	13542.0	12378.3	11317.5	10397.4
15°	18656.8	18029.0	17498.5	16903.2	16177.9	15403.9	14375.5	13309.3	12378.3	11398.7	10424.4
12.5°	18705.5	18164.3	17585.1	16935.6	16156.2	15328.1	14397.2	13406.7	12443.3	11458.2	10429.8
10°	18857.1	18288.8	17671.7	16951.9	16167.1	15349.8	14456.7	13466.2	12475.8	11485.3	10419.0
7.5°	18911.2	18294.2	17633.9	16908.6	16140.0	15339.0	14467.6	13482.5	12481.2	11479.9	10386.5
5°	18743.4	18185.9	17547.3	16816.6	16064.2	15284.8	14424.3	13460.8	12437.9	11425.7	10305.4
2.5°	18516.1	18066.8	17455.2	16751.6	15988.5	15209.1	14353.9	13363.4	12340.4	11328.3	10202.5
0°	18478.2	17920.7	17303.7	16675.8	15864.0	15041.3	14191.5	13179.4	12161.8	11144.3	10023.9
-2.5°	18229.2	17639.3	17022.2	16340.3	15625.8	14797.7	13904.7	12914.2	11907.4	10906.1	9829.1
-5°	18039.8	17384.9	16730.0	15993.9	15274.0	14445.9	13520.4	12556.9	11571.9	10597.6	9558.4
-7.5°	17785.4	17114.3	16426.9	15658.3	14878.9	14034.6	13119.8	12156.4	11187.6	10218.8	9222.9
-10°	17271.2	16681.3	16037.2	15241.5	14418.8	13574.5	12665.2	11718.0	10749.2	9769.5	8768.2
-12.5°	16648.8	16026.3	15322.7	14592.0	13855.9	13071.1	12161.8	11230.9	10256.6	9271.6	8275.7
-15°	15842.3	15230.7	14510.9	13796.4	13087.4	12335.0	11534.0	10695.1	9704.6	8735.7	7739.8
-17.5°	14835.6	14261.9	13617.8	12935.8	12232.2	11474.5	10695.1	9986.0	9060.5	8151.2	7166.1
-20°	13753.1	13217.3	12638.1	11994.0	11290.4	10548.9	9812.8	9071.3	8270.3	7469.2	6554.5



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	12627.3	12086.1	11501.5	10900.7	10251.2	9563.8	8881.9	8172.8	7469.2	6743.9	5970.0
-25°	11328.3	10852.0	10316.2	9731.6	9152.5	8551.7	7902.2	7258.1	6657.3	6029.5	5396.2
-27.5°	9969.8	9531.4	9044.2	8535.5	8037.5	7534.2	6971.3	6375.9	5878.0	5358.4	4833.3
-30°	8540.9	8189.1	7794.0	7350.1	6965.9	6559.9	6089.0	5596.5	5141.9	4746.7	4324.6
-32.5°	7187.8	6890.1	6608.6	6316.4	5937.5	5623.6	5298.8	4936.2	4535.7	4162.2	3859.1
-35°	6024.1	5704.8	5585.7	5369.2	5098.6	4822.5	4584.4	4324.6	4021.5	3691.3	3442.3
-37.5°	5044.4	4855.0	4687.2	4568.1	4389.5	4167.6	3978.2	3788.7	3556.0	3307.0	3058.0
-40°	4281.3	4151.4	3967.3	3907.8	3794.1	3642.6	3447.7	3301.6	3144.6	2955.2	2744.1
-42.5°	3669.7	3572.2	3453.2	3350.3	3301.6	3193.4	3041.8	2901.1	2776.6	2646.7	2484.3
-45°	3166.3	3101.3	3025.6	2933.6	2895.7	2809.1	2700.8	2543.9	2473.5	2365.3	2246.2
-47.5°	2760.4	2727.9	2673.8	2614.2	2560.1	2495.2	2397.7	2300.3	2202.9	2132.5	2040.5
-50°	2441.0	2419.4	2386.9	2338.2	2267.8	2224.5	2159.6	2073.0	1981.0	1921.4	1856.5
-52.5°	2186.6	2165.0	2143.3	2105.5	2051.3	2008.0	1953.9	1883.5	1807.8	1748.2	1694.1
-55°	1991.8	1959.3	1943.1	1910.6	1867.3	1818.6	1769.9	1721.2	1656.2	1602.1	1548.0
-57.5°	1840.2	1796.9	1775.3	1748.2	1704.9	1656.2	1618.3	1569.6	1526.3	1466.8	1418.1
-60°	1721.2	1672.5	1629.2	1602.1	1564.2	1515.5	1477.6	1439.7	1396.4	1347.7	1288.2
-62.5°	1623.7	1564.2	1504.7	1472.2	1434.3	1391.0	1353.1	1315.2	1271.9	1223.2	1169.1
-65°	1531.7	1461.4	1385.6	1353.1	1315.2	1271.9	1223.2	1196.2	1158.3	1115.0	1060.8
-67.5°	1418.1	1342.3	1277.3	1239.5	1201.6	1163.7	1120.4	1093.3	1055.4	1001.3	947.2
-70°	1250.3	1201.6	1158.3	1125.8	1093.3	1060.8	1017.5	974.2	930.9	882.2	833.5
-72.5°	1039.2	1023.0	1017.5	1001.3	963.4	925.5	882.2	838.9	801.0	763.2	725.3
-75°	838.9	849.8	860.6	855.2	817.3	779.4	741.5	703.6	676.6	644.1	611.6
-77.5°	665.7	676.6	687.4	687.4	660.3	638.7	611.6	584.5	562.9	535.8	503.4
-80°	514.2	530.4	546.7	557.5	535.8	519.6	497.9	476.3	454.6	433.0	411.3
-82.5°	389.7	405.9	422.2	433.0	416.8	405.9	389.7	373.5	357.2	335.6	319.3
-85°	281.4	292.3	303.1	308.5	297.7	286.9	276.0	265.2	254.4	238.1	227.3
-87.5°	162.4	167.8	173.2	178.6	167.8	157.0	151.5	140.7	135.3	124.5	119.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	135.3	124.5	113.7	108.2	97.4	81.2	70.4	59.5	48.7	37.9	32.5
85°	286.9	259.8	227.3	211.1	189.4	167.8	146.1	124.5	102.8	81.2	59.5
82.5°	492.5	460.1	427.6	389.7	341.0	281.4	221.9	184.0	151.5	119.1	92.0
80°	741.5	682.0	627.8	579.1	525.0	449.2	368.0	292.3	205.7	157.0	119.1
77.5°	1028.4	958.0	882.2	801.0	714.4	611.6	519.6	422.2	319.3	216.5	151.5
75°	1353.1	1261.1	1158.3	1044.6	930.9	795.6	665.7	552.1	433.0	303.1	184.0
72.5°	1715.8	1602.1	1477.6	1326.1	1147.4	990.5	833.5	682.0	541.2	384.3	249.0
70°	2181.2	2002.6	1818.6	1656.2	1428.9	1179.9	995.9	822.7	644.1	470.9	313.9
67.5°	2679.2	2462.7	2240.8	2002.6	1715.8	1423.5	1158.3	963.4	752.3	552.1	373.5
65°	3220.4	2949.8	2668.4	2403.1	2008.0	1661.6	1363.9	1098.7	855.2	627.8	433.0
62.5°	3777.9	3458.6	3133.8	2787.4	2332.8	1905.2	1558.8	1250.3	952.6	698.2	487.1
60°	4373.3	3999.8	3604.7	3171.7	2641.3	2170.4	1742.8	1407.2	1055.4	768.6	546.7
57.5°	5001.1	4595.2	4129.7	3545.2	2960.6	2424.8	1953.9	1548.0	1147.4	833.5	590.0
55°	5683.1	5217.6	4708.9	3934.9	3274.5	2679.2	2165.0	1688.7	1244.9	887.6	633.3
52.5°	6419.2	5878.0	5233.9	4346.2	3604.7	2939.0	2359.8	1813.2	1336.9	947.2	671.1
50°	7241.9	6559.9	5693.9	4725.1	3891.6	3182.5	2554.7	1948.5	1412.7	1012.1	703.6
47.5°	8097.1	7361.0	6105.3	5076.9	4183.8	3420.7	2755.0	2067.6	1488.4	1066.3	736.1
45°	8990.1	7918.5	6532.9	5390.8	4438.2	3637.2	2906.5	2175.8	1580.4	1115.0	763.2
42.5°	9872.4	8340.6	6906.3	5704.8	4676.4	3832.0	3031.0	2278.7	1656.2	1163.7	790.2
40°	10289.1	8660.0	7204.0	5921.3	4876.6	4005.2	3139.2	2370.7	1721.2	1196.2	817.3
37.5°	10462.3	8854.8	7398.9	6126.9	5033.6	4097.2	3231.2	2451.9	1775.3	1228.6	838.9
35°	10500.2	8925.2	7496.3	6267.6	5163.5	4183.8	3301.6	2511.4	1818.6	1261.1	860.6
32.5°	10429.8	8903.5	7523.3	6316.4	5244.7	4248.8	3350.3	2554.7	1851.1	1293.6	882.2
30°	10272.9	8789.9	7425.9	6310.9	5304.2	4286.7	3382.8	2587.2	1883.5	1315.2	893.1
27.5°	10018.5	8589.6	7301.4	6316.4	5336.7	4302.9	3399.0	2603.4	1905.2	1331.5	914.7
25°	9704.6	8319.0	7306.8	6305.5	5342.1	4308.3	3399.0	2603.4	1910.6	1336.9	930.9
22.5°	9341.9	8319.0	7306.8	6289.3	5309.6	4297.5	3382.8	2592.6	1910.6	1347.7	947.2
20°	9363.6	8324.4	7290.6	6256.8	5260.9	4265.0	3344.9	2565.5	1894.4	1363.9	958.0
17.5°	9379.8	8313.6	7258.1	6213.5	5196.0	4210.9	3296.2	2527.6	1894.4	1380.2	963.4
15°	9379.8	8281.1	7209.4	6148.6	5114.8	4135.1	3225.8	2495.2	1899.8	1385.6	974.2
12.5°	9363.6	8221.6	7133.6	6062.0	5017.4	4043.1	3182.5	2484.3	1899.8	1391.0	974.2
10°	9331.1	8140.4	7036.2	5953.7	4925.4	4010.6	3160.9	2462.7	1889.0	1391.0	974.2
7.5°	9271.6	8042.9	6955.0	5888.8	4871.2	3972.8	3128.4	2430.2	1872.7	1380.2	985.1
5°	9179.6	7988.8	6890.1	5813.0	4795.5	3945.7	3106.8	2403.1	1861.9	1380.2	974.2
2.5°	9060.5	7923.9	6814.3	5715.6	4708.9	3853.7	3036.4	2343.6	1824.0	1358.5	963.4
0°	8865.6	7794.0	6684.4	5580.3	4589.8	3761.7	2966.0	2284.1	1786.1	1336.9	952.6
-2.5°	8687.0	7620.8	6516.6	5439.5	4476.1	3680.5	2911.9	2251.6	1769.9	1331.5	947.2
-5°	8438.1	7382.6	6294.7	5255.5	4324.6	3599.3	2857.8	2213.7	1753.6	1320.6	947.2
-7.5°	8162.0	7133.6	6062.0	5066.1	4173.0	3458.6	2755.0	2154.2	1715.8	1299.0	941.8
-10°	7734.4	6760.2	5769.7	4849.6	4010.6	3334.1	2668.4	2100.0	1683.3	1277.3	920.1
-12.5°	7279.8	6348.8	5434.1	4584.4	3826.6	3204.2	2570.9	2040.5	1645.4	1255.7	909.3
-15°	6798.1	5926.7	5082.3	4308.3	3626.4	3047.2	2468.1	1975.6	1607.5	1228.6	893.1
-17.5°	6294.7	5482.8	4719.7	4026.9	3426.1	2884.9	2359.8	1916.0	1564.2	1201.6	876.8
-20°	5764.3	5028.2	4351.6	3740.0	3215.0	2722.5	2246.2	1845.7	1515.5	1169.1	855.2



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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°	5239.3	4579.0	3972.8	3458.6	2998.5	2554.7	2132.5	1775.3	1461.4	1131.2	838.9
-25°	4773.8	4156.8	3637.2	3187.9	2787.4	2392.3	2013.4	1704.9	1401.8	1093.3	817.3
-27.5°	4319.2	3794.1	3307.0	2933.6	2581.8	2235.4	1899.8	1629.2	1342.3	1050.0	795.6
-30°	3897.0	3447.7	3047.2	2684.6	2386.9	2094.6	1802.4	1553.4	1277.3	1006.7	768.6
-32.5°	3512.7	3150.1	2814.5	2468.1	2202.9	1953.9	1710.3	1477.6	1212.4	963.4	741.5
-35°	3155.5	2874.0	2581.8	2289.5	2018.9	1824.0	1612.9	1396.4	1152.9	914.7	714.4
-37.5°	2836.1	2608.8	2376.1	2127.1	1894.4	1699.5	1520.9	1315.2	1093.3	871.4	687.4
-40°	2560.1	2376.1	2170.4	1970.1	1775.3	1591.3	1428.9	1234.0	1033.8	838.9	660.3
-42.5°	2305.7	2165.0	1997.2	1829.4	1656.2	1493.8	1336.9	1147.4	974.2	801.0	633.3
-45°	2110.9	1970.1	1834.8	1683.3	1537.1	1396.4	1239.5	1071.7	920.1	757.7	606.2
-47.5°	1926.8	1802.4	1677.9	1553.4	1434.3	1304.4	1147.4	1006.7	860.6	719.9	584.5
-50°	1764.5	1645.4	1537.1	1428.9	1326.1	1201.6	1055.4	941.8	811.9	682.0	557.5
-52.5°	1612.9	1510.1	1401.8	1315.2	1228.6	1104.1	985.1	876.8	763.2	638.7	530.4
-55°	1477.6	1380.2	1282.8	1201.6	1120.4	1012.1	914.7	822.7	714.4	606.2	503.4
-57.5°	1347.7	1266.5	1174.5	1098.7	1017.5	930.9	849.8	763.2	665.7	573.7	476.3
-60°	1228.6	1152.9	1071.7	995.9	925.5	855.2	779.4	709.0	622.4	535.8	449.2
-62.5°	1109.6	1044.6	974.2	898.5	844.3	779.4	719.9	649.5	579.1	503.4	400.5
-65°	1001.3	941.8	876.8	811.9	763.2	714.4	660.3	595.4	535.8	465.5	357.2
-67.5°	893.1	838.9	784.8	730.7	687.4	649.5	595.4	546.7	497.9	422.2	313.9
-70°	790.2	746.9	698.2	654.9	622.4	579.1	541.2	497.9	454.6	368.0	265.2
-72.5°	692.8	649.5	611.6	579.1	552.1	514.2	481.7	449.2	389.7	308.5	221.9
-75°	579.1	552.1	530.4	503.4	476.3	449.2	422.2	384.3	324.7	249.0	173.2
-77.5°	476.3	460.1	443.8	422.2	400.5	378.9	346.4	308.5	259.8	194.8	140.7
-80°	389.7	373.5	362.6	341.0	324.7	303.1	270.6	238.1	189.4	151.5	113.7
-82.5°	297.7	286.9	276.0	265.2	249.0	227.3	194.8	167.8	140.7	113.7	86.6
-85°	211.1	205.7	194.8	184.0	167.8	151.5	129.9	113.7	97.4	75.8	59.5
-87.5°	108.2	102.8	97.4	92.0	86.6	75.8	64.9	54.1	48.7	37.9	27.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: IFLD-L-SA8C-735-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°	43.3	27.1	10.8	0.0
82.5°	64.9	43.3	16.2	0.0
80°	86.6	54.1	27.1	0.0
77.5°	108.2	64.9	32.5	0.0
75°	129.9	81.2	37.9	0.0
72.5°	146.1	92.0	43.3	0.0
70°	173.2	108.2	48.7	0.0
67.5°	216.5	119.1	54.1	0.0
65°	254.4	129.9	59.5	0.0
62.5°	297.7	140.7	64.9	0.0
60°	335.6	151.5	70.4	0.0
57.5°	373.5	178.6	75.8	0.0
55°	405.9	200.3	81.2	0.0
52.5°	443.8	221.9	86.6	0.0
50°	476.3	243.6	92.0	0.0
47.5°	503.4	265.2	92.0	0.0
45°	525.0	281.4	97.4	0.0
42.5°	541.2	297.7	102.8	0.0
40°	557.5	313.9	108.2	0.0
37.5°	573.7	330.2	108.2	0.0
35°	590.0	346.4	113.7	0.0
32.5°	606.2	362.6	113.7	0.0
30°	617.0	373.5	119.1	0.0
27.5°	633.3	384.3	119.1	0.0
25°	638.7	395.1	124.5	0.0
22.5°	649.5	400.5	124.5	0.0
20°	660.3	411.3	124.5	0.0
17.5°	665.7	416.8	129.9	0.0
15°	665.7	422.2	135.3	0.0
12.5°	671.1	427.6	135.3	0.0
10°	671.1	438.4	129.9	0.0
7.5°	682.0	433.0	129.9	0.0
5°	676.6	433.0	129.9	0.0
2.5°	671.1	427.6	129.9	0.0
0°	665.7	427.6	129.9	0.0
-2.5°	665.7	427.6	129.9	0.0
-5°	665.7	427.6	129.9	0.0
-7.5°	660.3	433.0	129.9	0.0
-10°	649.5	433.0	129.9	0.0
-12.5°	644.1	416.8	129.9	0.0
-15°	638.7	411.3	129.9	0.0
-17.5°	627.8	405.9	124.5	0.0
-20°	617.0	400.5	124.5	0.0



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 CATALOG NUMBER: IFLD-L-SA8C-735-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	606.2	389.7	124.5	0.0
-25°	595.4	378.9	119.1	0.0
-27.5°	584.5	368.0	119.1	0.0
-30°	568.3	357.2	113.7	0.0
-32.5°	552.1	346.4	113.7	0.0
-35°	541.2	330.2	108.2	0.0
-37.5°	525.0	313.9	108.2	0.0
-40°	508.8	297.7	102.8	0.0
-42.5°	492.5	281.4	97.4	0.0
-45°	470.9	265.2	97.4	0.0
-47.5°	454.6	249.0	92.0	0.0
-50°	427.6	227.3	86.6	0.0
-52.5°	395.1	205.7	81.2	0.0
-55°	362.6	189.4	75.8	0.0
-57.5°	330.2	167.8	75.8	0.0
-60°	297.7	146.1	70.4	0.0
-62.5°	265.2	135.3	64.9	0.0
-65°	232.7	124.5	59.5	0.0
-67.5°	194.8	108.2	54.1	0.0
-70°	162.4	97.4	48.7	0.0
-72.5°	140.7	86.6	43.3	0.0
-75°	119.1	75.8	37.9	0.0
-77.5°	102.8	64.9	32.5	0.0
-80°	81.2	48.7	21.6	0.0
-82.5°	59.5	37.9	16.2	0.0
-85°	37.9	27.1	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)