

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: P722052

Luminaire Tested: **IFLD-S-SA3B-735-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722052
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3B-735-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (48) 3500K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

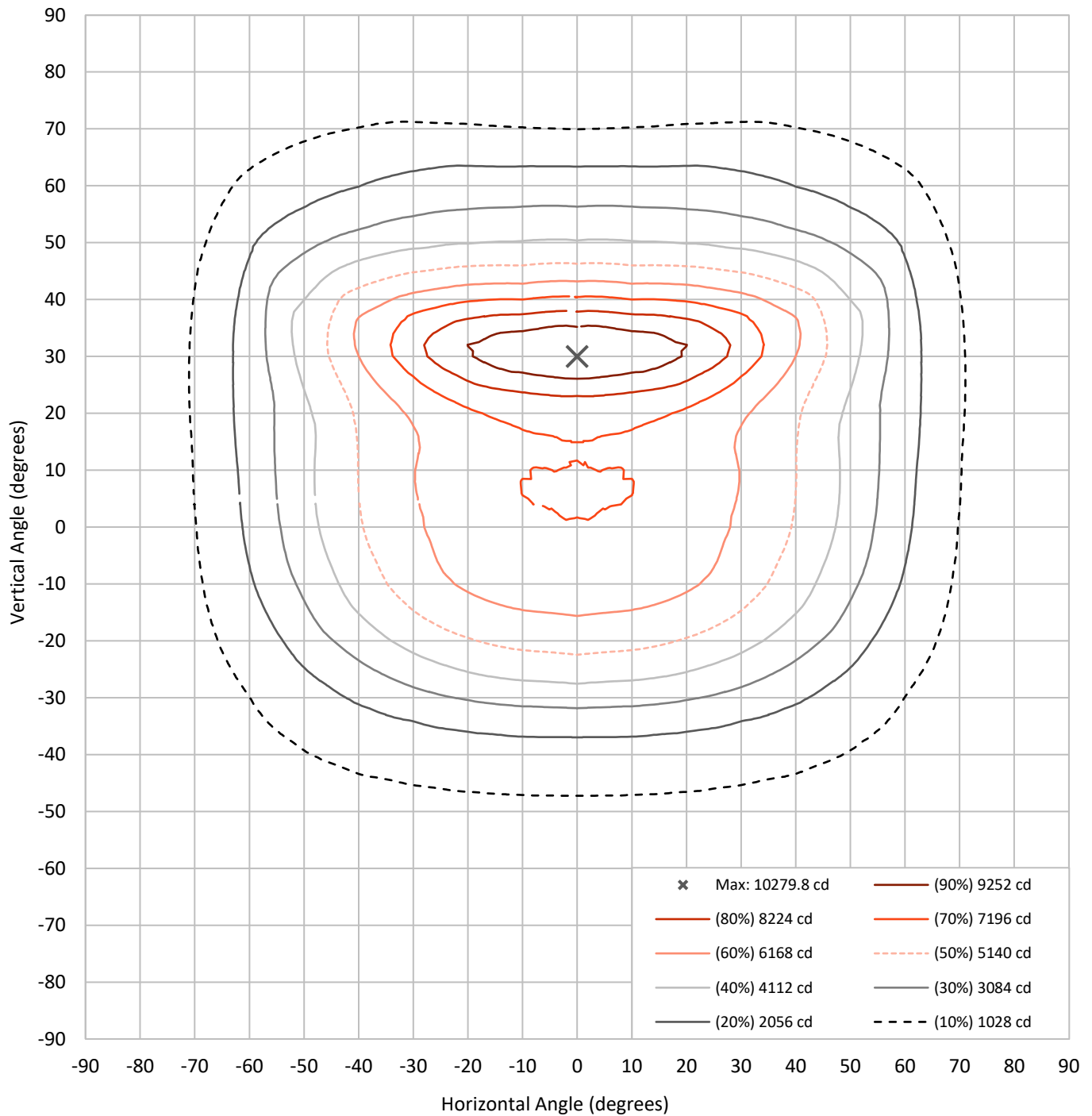
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	17159.5 lumens	Max Intensity:	10279.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	140.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	9978.5 lumens	Field Lumens:	16080.7 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 122.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



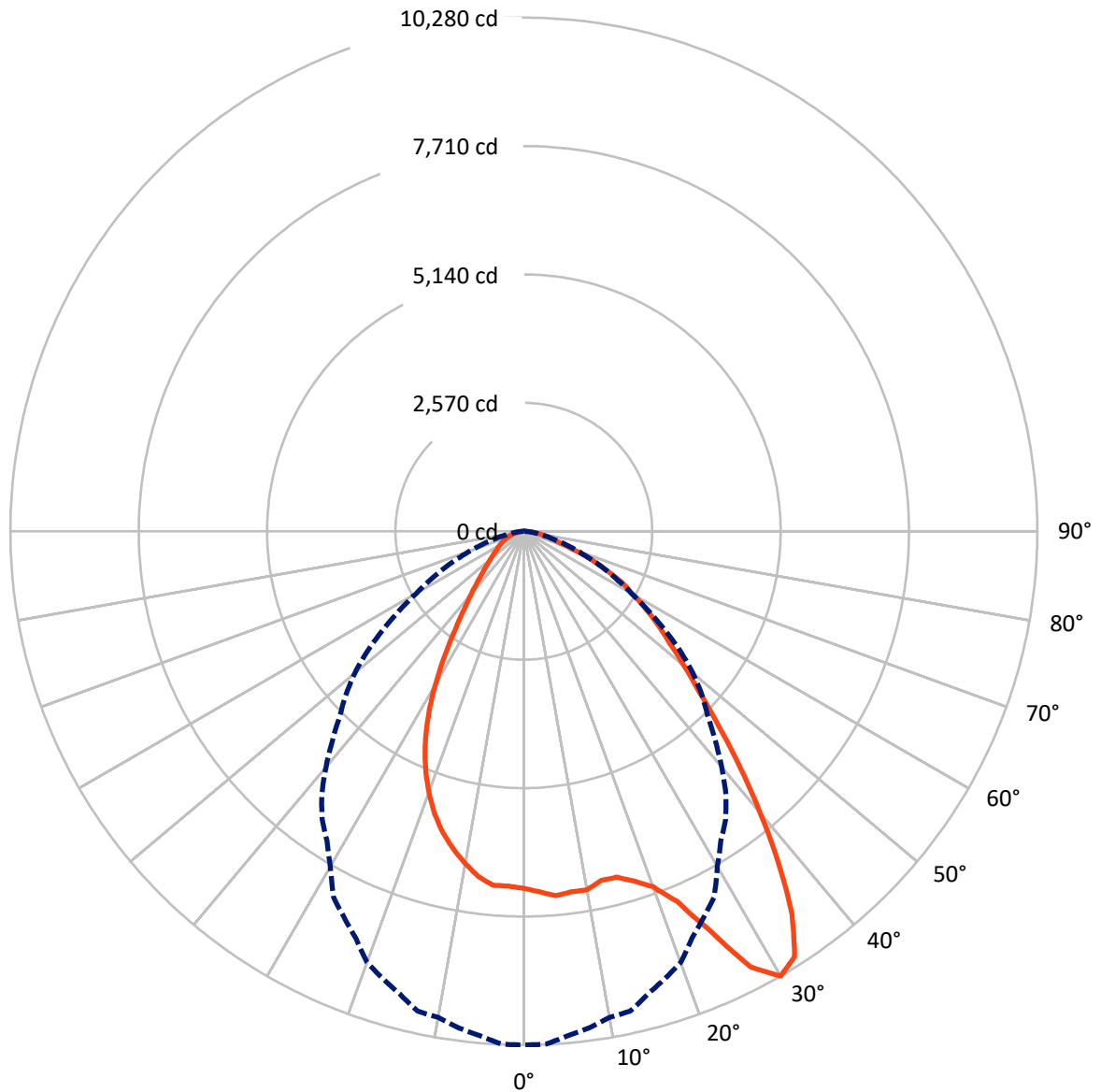
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Iso-Candela Plot



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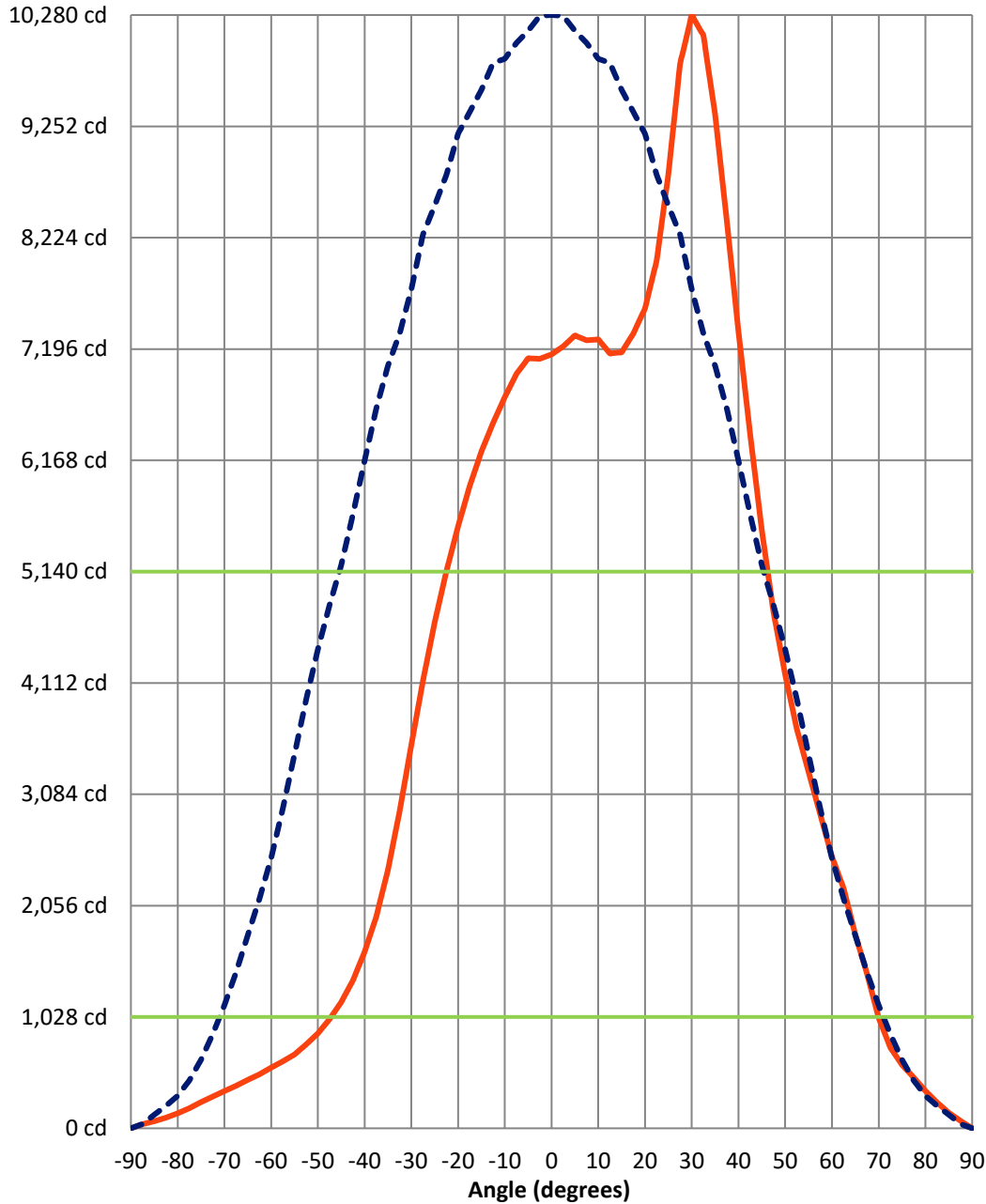
Luminous Intensity Polar Plot



— 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: 9978.5
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 16080.7
 Efficiency: 93.7%

Spill:
 Lumens: 1078.8
 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°	69.1	70.9	72.7	72.7	70.9	70.9	70.9	69.1	70.9	70.9	70.9
85°	143.6	147.2	150.9	149.1	147.2	143.6	140.0	141.8	143.6	145.4	145.4
82.5°	238.1	243.6	247.2	245.4	241.8	238.1	234.5	236.3	240.0	241.8	241.8
80°	345.4	347.2	349.0	352.7	347.2	347.2	345.4	352.7	356.3	359.9	363.6
77.5°	469.0	470.8	470.8	472.6	474.5	476.3	476.3	489.0	498.1	503.5	509.0
75°	585.3	590.8	596.2	601.7	609.0	612.6	618.1	636.2	650.8	661.7	672.6
72.5°	745.3	752.6	761.7	774.4	787.1	796.2	808.9	830.7	847.1	858.0	870.7
70°	1019.8	1027.1	1036.2	1045.2	1058.0	1067.1	1079.8	1107.1	1123.4	1130.7	1138.0
67.5°	1427.0	1445.2	1461.5	1443.3	1434.3	1421.5	1425.2	1450.6	1467.0	1477.9	1476.1
65°	1788.7	1801.5	1801.5	1799.6	1792.4	1776.0	1785.1	1816.0	1834.2	1843.3	1816.0
62.5°	2214.1	2214.1	2205.0	2219.6	2221.4	2210.5	2205.0	2206.8	2208.7	2214.1	2168.7
60°	2508.6	2526.8	2532.2	2544.9	2548.6	2548.6	2557.7	2564.9	2564.9	2554.0	2501.3
57.5°	2897.6	2932.1	2939.4	2930.3	2912.1	2888.5	2884.9	2874.0	2852.2	2830.3	2804.9
55°	3290.3	3308.4	3306.6	3301.2	3283.0	3255.7	3259.4	3244.8	3210.3	3183.0	3148.5
52.5°	3684.7	3728.3	3735.6	3724.7	3699.3	3670.2	3672.0	3655.6	3621.1	3592.0	3544.7
50°	4188.3	4224.6	4221.0	4202.8	4166.4	4144.6	4146.4	4115.5	4075.6	4066.5	4004.7
47.5°	4764.5	4806.3	4799.0	4773.6	4724.5	4715.4	4724.5	4684.5	4660.9	4640.9	4568.2
45°	5520.7	5569.8	5542.5	5493.5	5415.3	5424.4	5437.1	5429.8	5378.9	5326.2	5233.5
42.5°	6407.8	6438.7	6406.0	6356.9	6258.8	6276.9	6269.7	6226.0	6195.1	6107.9	5989.7
40°	7356.7	7424.0	7373.1	7296.7	7194.9	7222.2	7202.2	7145.8	7073.1	6964.1	6815.0
37.5°	8380.1	8432.9	8374.7	8285.6	8194.7	8185.6	8145.7	8058.4	7954.8	7834.8	7596.7
35°	9360.0	9496.3	9389.0	9247.2	9136.4	9094.6	9056.4	8854.6	8736.4	8541.9	8216.5
32.5°	10088.9	10188.9	10056.2	9908.9	9774.4	9716.2	9581.7	9341.8	9278.2	8869.1	8571.0
30°	10279.8	10272.5	10134.3	10021.6	9876.2	9836.2	9589.0	9385.4	9181.8	8803.7	8520.1
27.5°	9825.3	9779.9	9647.2	9549.0	9405.4	9358.1	9114.5	9005.5	8691.0	8371.1	8131.1
25°	8812.8	8836.4	8736.4	8687.4	8592.8	8491.0	8394.7	8247.4	8051.1	7771.2	7551.2
22.5°	8014.8	8045.7	8003.9	7945.7	7873.0	7816.6	7743.9	7629.4	7440.3	7267.6	7060.4
20°	7571.2	7562.1	7525.8	7482.1	7413.1	7373.1	7293.1	7196.7	7051.3	6902.3	6678.7
17.5°	7338.5	7282.2	7247.6	7231.3	7194.9	7144.0	7049.5	6951.3	6838.6	6669.6	6506.0
15°	7165.8	7174.9	7147.7	7134.9	7105.9	7035.0	6938.6	6858.6	6705.9	6620.5	6471.4
12.5°	7154.9	7145.8	7147.7	7142.2	7105.9	7015.0	6965.9	6864.1	6765.9	6653.2	6482.3
10°	7284.0	7187.7	7194.9	7220.4	7162.2	7089.5	7036.8	6925.9	6833.2	6689.6	6520.5
7.5°	7276.7	7227.7	7242.2	7200.4	7218.6	7129.5	7056.8	6945.9	6829.5	6676.9	6524.2
5°	7320.4	7245.8	7233.1	7236.7	7191.3	7124.0	7025.9	6920.4	6811.4	6640.5	6484.2
2.5°	7220.4	7231.3	7173.1	7151.3	7145.8	7033.1	6942.3	6840.5	6727.8	6576.9	6436.9
0°	7145.8	7165.8	7105.9	7075.0	7073.1	6976.8	6918.6	6802.3	6722.3	6596.9	6427.8
-2.5°	7105.9	7129.5	7136.8	7080.4	7025.9	6951.3	6853.2	6727.8	6596.9	6451.4	6306.0
-5°	7109.5	7062.2	7042.2	7060.4	7013.1	6938.6	6829.5	6718.7	6589.6	6433.3	6251.5
-7.5°	6965.9	6918.6	6915.0	6905.9	6895.0	6824.1	6733.2	6613.2	6482.3	6336.9	6167.9
-10°	6751.4	6716.8	6707.8	6698.7	6669.6	6627.8	6542.3	6433.3	6315.1	6169.7	5989.7
-12.5°	6513.2	6496.9	6462.3	6438.7	6409.6	6360.6	6278.7	6178.8	6060.6	5931.5	5777.0
-15°	6249.7	6218.8	6184.2	6164.2	6122.4	6064.2	5982.4	5889.7	5760.7	5633.4	5488.0
-17.5°	5931.5	5893.4	5855.2	5849.7	5820.7	5731.6	5655.2	5542.5	5429.8	5308.0	5166.2
-20°	5557.1	5504.4	5478.9	5464.4	5424.4	5358.9	5277.1	5173.5	5064.4	4948.1	4784.5



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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°	5142.6	5097.2	5053.5	5026.3	4991.7	4940.8	4862.7	4771.8	4664.5	4533.6	4382.8
-25°	4671.8	4608.2	4580.9	4550.0	4531.8	4484.6	4408.2	4324.6	4213.7	4086.5	3942.9
-27.5°	4133.7	4082.8	4068.3	4024.7	4002.8	3953.8	3890.1	3812.0	3710.2	3590.2	3472.0
-30°	3539.3	3508.4	3484.8	3441.1	3424.8	3372.1	3330.2	3264.8	3172.1	3086.7	2992.1
-32.5°	2928.5	2897.6	2890.3	2870.3	2859.4	2824.9	2777.6	2730.4	2655.8	2592.2	2515.9
-35°	2386.8	2365.0	2366.8	2365.0	2354.1	2328.6	2270.5	2257.7	2203.2	2145.0	2095.9
-37.5°	1954.2	1956.0	1954.2	1952.3	1937.8	1926.9	1885.1	1868.7	1836.0	1779.6	1750.6
-40°	1628.8	1632.4	1630.6	1626.9	1610.6	1605.1	1577.9	1556.1	1543.3	1503.3	1472.4
-42.5°	1365.2	1370.6	1368.8	1367.0	1356.1	1354.3	1339.7	1314.3	1307.0	1283.4	1250.7
-45°	1165.2	1163.4	1159.8	1163.4	1158.0	1152.5	1143.4	1127.0	1118.0	1107.1	1079.8
-47.5°	1007.1	1008.9	1005.3	1005.3	998.0	992.5	988.9	978.0	970.7	961.6	945.3
-50°	876.2	883.5	881.6	879.8	874.4	870.7	870.7	859.8	848.9	845.3	834.4
-52.5°	774.4	779.8	781.7	785.3	787.1	788.9	783.5	772.6	754.4	752.6	747.1
-55°	681.7	698.0	708.9	716.2	723.5	728.9	718.0	703.5	685.3	678.0	676.2
-57.5°	618.1	634.4	647.1	658.1	667.1	676.2	665.3	650.8	634.4	625.3	623.5
-60°	559.9	574.4	587.2	601.7	614.4	629.0	623.5	612.6	603.5	596.2	589.0
-62.5°	498.1	512.6	527.2	545.3	561.7	576.2	578.1	576.2	574.4	576.2	563.5
-65°	447.2	454.5	463.5	483.5	501.7	518.1	527.2	532.6	541.7	550.8	538.1
-67.5°	392.6	401.7	412.6	427.2	441.7	452.6	465.4	479.9	494.4	509.0	499.9
-70°	343.6	350.8	359.9	367.2	376.3	383.6	394.5	410.8	427.2	441.7	438.1
-72.5°	292.7	299.9	305.4	309.0	314.5	318.1	323.6	338.1	349.0	356.3	356.3
-75°	241.8	249.0	254.5	256.3	259.9	261.8	265.4	270.9	276.3	278.1	279.9
-77.5°	185.4	192.7	198.1	201.8	205.4	209.0	210.9	214.5	216.3	216.3	218.1
-80°	138.2	143.6	147.2	152.7	154.5	158.2	161.8	163.6	165.4	165.4	167.2
-82.5°	98.2	101.8	105.4	109.1	112.7	114.5	118.2	120.0	121.8	123.6	125.4
-85°	65.4	69.1	72.7	76.3	78.2	80.0	81.8	83.6	85.4	87.3	89.1
-87.5°	38.2	40.0	41.8	45.4	47.3	50.9	52.7	50.9	52.7	52.7	52.7
-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°	70.9	70.9	70.9	70.9	69.1	65.4	63.6	60.0	56.4	52.7	49.1
85°	147.2	149.1	149.1	149.1	145.4	143.6	138.2	132.7	125.4	114.5	105.4
82.5°	245.4	247.2	247.2	245.4	241.8	236.3	229.0	220.0	205.4	190.9	178.1
80°	369.0	370.8	370.8	369.0	359.9	350.8	341.8	330.8	312.7	292.7	270.9
77.5°	516.3	519.9	519.9	514.4	501.7	490.8	476.3	458.1	430.8	401.7	372.7
75°	687.1	696.2	698.0	692.6	676.2	656.2	632.6	601.7	559.9	523.5	489.0
72.5°	885.3	894.4	901.6	894.4	870.7	843.5	808.9	772.6	730.8	681.7	623.5
70°	1145.2	1154.3	1159.8	1136.1	1094.3	1048.9	1007.1	965.3	916.2	856.2	792.6
67.5°	1472.4	1463.3	1452.4	1405.2	1352.5	1297.9	1239.8	1177.9	1114.3	1050.7	976.2
65°	1786.9	1761.5	1737.8	1681.5	1614.2	1543.3	1476.1	1407.0	1330.6	1250.7	1179.8
62.5°	2117.8	2063.2	2005.1	1936.0	1866.9	1788.7	1721.5	1639.7	1554.2	1456.1	1365.2
60°	2443.1	2377.7	2319.5	2234.1	2143.2	2037.8	1965.1	1885.1	1785.1	1679.7	1572.4
57.5°	2757.6	2686.7	2623.1	2548.6	2450.4	2335.9	2255.9	2152.3	2046.9	1914.2	1805.1
55°	3092.1	3021.2	2970.3	2886.7	2779.4	2674.0	2586.8	2477.7	2330.4	2188.7	2054.1
52.5°	3475.7	3419.3	3364.8	3279.3	3150.3	3043.0	2946.7	2824.9	2670.4	2495.9	2334.1
50°	3904.7	3875.6	3817.4	3717.4	3570.2	3475.7	3348.4	3186.6	3021.2	2837.6	2635.8
47.5°	4473.7	4426.4	4344.6	4235.5	4111.9	3970.1	3799.2	3610.2	3375.7	3172.1	2957.6
45°	5153.5	5066.3	4960.8	4813.6	4660.9	4500.9	4313.7	4073.7	3759.3	3493.8	3268.4
42.5°	5889.7	5771.6	5628.0	5435.3	5237.1	5040.8	4839.0	4511.8	4119.2	3813.8	3559.3
40°	6658.7	6507.8	6327.8	6047.9	5827.9	5575.3	5344.4	4855.4	4437.3	4106.5	3835.6
37.5°	7411.3	7220.4	6918.6	6578.7	6322.4	6115.1	5608.0	5084.4	4710.0	4346.4	4071.9
35°	7987.5	7825.7	7293.1	6940.4	6720.5	6393.3	5758.9	5222.6	4826.3	4524.6	4097.4
32.5°	8329.3	7911.2	7444.0	7087.7	6905.9	6369.6	5769.8	5262.6	4880.8	4542.7	4031.9
30°	8252.9	7747.5	7338.5	7040.4	6645.9	6164.2	5668.0	5200.8	4829.9	4420.9	3959.2
27.5°	7793.0	7402.2	7036.8	6725.9	6338.7	5906.1	5448.0	5037.2	4691.8	4295.5	3859.2
25°	7273.1	6918.6	6647.8	6376.9	6009.7	5597.1	5193.5	4897.2	4550.0	4159.2	3728.3
22.5°	6795.0	6540.5	6327.8	6044.3	5686.1	5326.2	5075.4	4768.1	4411.8	4015.6	3593.8
20°	6489.6	6316.9	6073.3	5760.7	5478.9	5253.5	4975.4	4650.0	4282.8	3868.3	3479.3
17.5°	6342.4	6142.4	5871.6	5668.0	5451.6	5204.4	4893.6	4548.2	4157.4	3801.1	3492.0
15°	6266.0	6055.2	5877.0	5677.1	5433.5	5173.5	4828.1	4470.0	4157.4	3828.3	3501.1
12.5°	6282.4	6100.6	5906.1	5688.0	5426.2	5148.1	4835.4	4502.7	4179.2	3848.3	3502.9
10°	6333.3	6142.4	5935.2	5693.4	5429.8	5155.3	4855.4	4522.7	4190.1	3857.4	3499.3
7.5°	6351.5	6144.2	5922.5	5678.9	5420.7	5151.7	4859.0	4528.2	4191.9	3855.6	3488.4
5°	6295.1	6107.9	5893.4	5648.0	5395.3	5133.5	4844.5	4520.9	4177.3	3837.4	3461.1
2.5°	6218.8	6067.9	5862.5	5626.2	5369.8	5108.1	4820.9	4488.2	4144.6	3804.7	3426.6
0°	6206.0	6018.8	5811.6	5600.7	5328.0	5051.7	4766.3	4426.4	4084.6	3742.9	3366.6
-2.5°	6122.4	5924.3	5717.0	5488.0	5248.0	4969.9	4670.0	4337.3	3999.2	3662.9	3301.2
-5°	6058.8	5838.8	5618.9	5371.7	5129.9	4851.8	4540.9	4217.3	3886.5	3559.3	3210.3
-7.5°	5973.4	5747.9	5517.1	5259.0	4997.2	4713.6	4406.4	4082.8	3757.4	3432.0	3097.6
-10°	5800.7	5602.5	5386.2	5119.0	4842.7	4559.1	4253.7	3935.6	3610.2	3281.2	2944.9
-12.5°	5591.6	5382.6	5146.2	4900.8	4653.6	4390.0	4084.6	3772.0	3444.8	3113.9	2779.4
-15°	5320.8	5115.3	4873.6	4633.6	4395.5	4142.8	3873.8	3592.0	3259.4	2934.0	2599.5
-17.5°	4982.6	4790.0	4573.6	4344.6	4108.3	3853.8	3592.0	3353.9	3043.0	2737.6	2406.8
-20°	4619.1	4439.1	4244.6	4028.3	3792.0	3542.9	3295.7	3046.7	2777.6	2508.6	2201.4



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 CATALOG NUMBER: IFLD-S-SA3B-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°	4241.0	4059.2	3862.9	3661.1	3443.0	3212.1	2983.0	2744.9	2508.6	2265.0	2005.1
-25°	3804.7	3644.7	3464.8	3268.4	3073.9	2872.2	2654.0	2437.7	2235.9	2025.1	1812.4
-27.5°	3348.4	3201.2	3037.6	2866.7	2699.5	2530.4	2341.4	2141.4	1974.2	1799.6	1623.3
-30°	2868.5	2750.4	2617.7	2468.6	2339.5	2203.2	2045.0	1879.6	1726.9	1594.2	1452.4
-32.5°	2414.1	2314.1	2219.6	2121.4	1994.1	1888.7	1779.6	1657.9	1523.3	1397.9	1296.1
-35°	2023.2	1916.0	1876.0	1803.3	1712.4	1619.7	1539.7	1452.4	1350.6	1239.8	1156.1
-37.5°	1694.2	1630.6	1574.2	1534.2	1474.3	1399.7	1336.1	1272.5	1194.3	1110.7	1027.1
-40°	1437.9	1394.3	1332.5	1312.5	1274.3	1223.4	1158.0	1108.9	1056.2	992.5	921.6
-42.5°	1232.5	1199.8	1159.8	1125.2	1108.9	1072.5	1021.6	974.4	932.5	888.9	834.4
-45°	1063.4	1041.6	1016.2	985.3	972.5	943.4	907.1	854.4	830.7	794.4	754.4
-47.5°	927.1	916.2	898.0	878.0	859.8	838.0	805.3	772.6	739.9	716.2	685.3
-50°	819.8	812.6	801.7	785.3	761.7	747.1	725.3	696.2	665.3	645.3	623.5
-52.5°	734.4	727.1	719.9	707.1	689.0	674.4	656.2	632.6	607.2	587.2	569.0
-55°	669.0	658.1	652.6	641.7	627.1	610.8	594.4	578.1	556.3	538.1	519.9
-57.5°	618.1	603.5	596.2	587.2	572.6	556.3	543.5	527.2	512.6	492.6	476.3
-60°	578.1	561.7	547.2	538.1	525.3	509.0	496.3	483.5	469.0	452.6	432.6
-62.5°	545.3	525.3	505.4	494.4	481.7	467.2	454.5	441.7	427.2	410.8	392.6
-65°	514.4	490.8	465.4	454.5	441.7	427.2	410.8	401.7	389.0	374.5	356.3
-67.5°	476.3	450.8	429.0	416.3	403.6	390.8	376.3	367.2	354.5	336.3	318.1
-70°	419.9	403.6	389.0	378.1	367.2	356.3	341.8	327.2	312.7	296.3	279.9
-72.5°	349.0	343.6	341.8	336.3	323.6	310.8	296.3	281.8	269.0	256.3	243.6
-75°	281.8	285.4	289.0	287.2	274.5	261.8	249.0	236.3	227.2	216.3	205.4
-77.5°	223.6	227.2	230.9	230.9	221.8	214.5	205.4	196.3	189.1	180.0	169.1
-80°	172.7	178.1	183.6	187.2	180.0	174.5	167.2	160.0	152.7	145.4	138.2
-82.5°	130.9	136.3	141.8	145.4	140.0	136.3	130.9	125.4	120.0	112.7	107.3
-85°	94.5	98.2	101.8	103.6	100.0	96.3	92.7	89.1	85.4	80.0	76.3
-87.5°	54.5	56.4	58.2	60.0	56.4	52.7	50.9	47.3	45.4	41.8	40.0
-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°	45.4	41.8	38.2	36.4	32.7	27.3	23.6	20.0	16.4	12.7	10.9
85°	96.3	87.3	76.3	70.9	63.6	56.4	49.1	41.8	34.5	27.3	20.0
82.5°	165.4	154.5	143.6	130.9	114.5	94.5	74.5	61.8	50.9	40.0	30.9
80°	249.0	229.0	210.9	194.5	176.3	150.9	123.6	98.2	69.1	52.7	40.0
77.5°	345.4	321.8	296.3	269.0	240.0	205.4	174.5	141.8	107.3	72.7	50.9
75°	454.5	423.6	389.0	350.8	312.7	267.2	223.6	185.4	145.4	101.8	61.8
72.5°	576.2	538.1	496.3	445.4	385.4	332.7	279.9	229.0	181.8	129.1	83.6
70°	732.6	672.6	610.8	556.3	479.9	396.3	334.5	276.3	216.3	158.2	105.4
67.5°	899.8	827.1	752.6	672.6	576.2	478.1	389.0	323.6	252.7	185.4	125.4
65°	1081.6	990.7	896.2	807.1	674.4	558.1	458.1	369.0	287.2	210.9	145.4
62.5°	1268.8	1161.6	1052.5	936.2	783.5	639.9	523.5	419.9	319.9	234.5	163.6
60°	1468.8	1343.4	1210.7	1065.2	887.1	728.9	585.3	472.6	354.5	258.1	183.6
57.5°	1679.7	1543.3	1387.0	1190.7	994.3	814.4	656.2	519.9	385.4	279.9	198.1
55°	1908.7	1752.4	1581.5	1321.6	1099.8	899.8	727.1	567.2	418.1	298.1	212.7
52.5°	2155.9	1974.2	1757.8	1459.7	1210.7	987.1	792.6	609.0	449.0	318.1	225.4
50°	2432.2	2203.2	1912.3	1587.0	1307.0	1068.9	858.0	654.4	474.5	339.9	236.3
47.5°	2719.5	2472.2	2050.5	1705.1	1405.2	1148.9	925.3	694.4	499.9	358.1	247.2
45°	3019.4	2659.5	2194.1	1810.5	1490.6	1221.6	976.2	730.8	530.8	374.5	256.3
42.5°	3315.7	2801.3	2319.5	1916.0	1570.6	1287.0	1018.0	765.3	556.3	390.8	265.4
40°	3455.7	2908.5	2419.5	1988.7	1637.9	1345.2	1054.3	796.2	578.1	401.7	274.5
37.5°	3513.8	2974.0	2485.0	2057.8	1690.6	1376.1	1085.2	823.5	596.2	412.6	281.8
35°	3526.6	2997.6	2517.7	2105.0	1734.2	1405.2	1108.9	843.5	610.8	423.6	289.0
32.5°	3502.9	2990.3	2526.8	2121.4	1761.5	1427.0	1125.2	858.0	621.7	434.5	296.3
30°	3450.2	2952.1	2494.0	2119.6	1781.5	1439.7	1136.1	868.9	632.6	441.7	299.9
27.5°	3364.8	2884.9	2452.2	2121.4	1792.4	1445.2	1141.6	874.4	639.9	447.2	307.2
25°	3259.4	2794.0	2454.1	2117.8	1794.2	1447.0	1141.6	874.4	641.7	449.0	312.7
22.5°	3137.6	2794.0	2454.1	2112.3	1783.3	1443.3	1136.1	870.7	641.7	452.6	318.1
20°	3144.8	2795.8	2448.6	2101.4	1766.9	1432.4	1123.4	861.6	636.2	458.1	321.8
17.5°	3150.3	2792.2	2437.7	2086.9	1745.1	1414.3	1107.1	848.9	636.2	463.5	323.6
15°	3150.3	2781.3	2421.3	2065.0	1717.8	1388.8	1083.4	838.0	638.1	465.4	327.2
12.5°	3144.8	2761.3	2395.9	2036.0	1685.1	1357.9	1068.9	834.4	638.1	467.2	327.2
10°	3133.9	2734.0	2363.2	1999.6	1654.2	1347.0	1061.6	827.1	634.4	467.2	327.2
7.5°	3113.9	2701.3	2335.9	1977.8	1636.0	1334.3	1050.7	816.2	629.0	463.5	330.8
5°	3083.0	2683.1	2314.1	1952.3	1610.6	1325.2	1043.4	807.1	625.3	463.5	327.2
2.5°	3043.0	2661.3	2288.6	1919.6	1581.5	1294.3	1019.8	787.1	612.6	456.3	323.6
0°	2977.6	2617.7	2245.0	1874.2	1541.5	1263.4	996.2	767.1	599.9	449.0	319.9
-2.5°	2917.6	2559.5	2188.7	1826.9	1503.3	1236.1	978.0	756.2	594.4	447.2	318.1
-5°	2834.0	2479.5	2114.1	1765.1	1452.4	1208.9	959.8	743.5	589.0	443.5	318.1
-7.5°	2741.3	2395.9	2036.0	1701.5	1401.5	1161.6	925.3	723.5	576.2	436.3	316.3
-10°	2597.7	2270.5	1937.8	1628.8	1347.0	1119.8	896.2	705.3	565.3	429.0	309.0
-12.5°	2445.0	2132.3	1825.1	1539.7	1285.2	1076.1	863.5	685.3	552.6	421.7	305.4
-15°	2283.2	1990.5	1706.9	1447.0	1217.9	1023.4	828.9	663.5	539.9	412.6	299.9
-17.5°	2114.1	1841.5	1585.1	1352.5	1150.7	968.9	792.6	643.5	525.3	403.6	294.5
-20°	1936.0	1688.8	1461.5	1256.1	1079.8	914.4	754.4	619.9	509.0	392.6	287.2



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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°	1759.6	1537.9	1334.3	1161.6	1007.1	858.0	716.2	596.2	490.8	379.9	281.8
-25°	1603.3	1396.1	1221.6	1070.7	936.2	803.5	676.2	572.6	470.8	367.2	274.5
-27.5°	1450.6	1274.3	1110.7	985.3	867.1	750.8	638.1	547.2	450.8	352.7	267.2
-30°	1308.8	1158.0	1023.4	901.6	801.7	703.5	605.3	521.7	429.0	338.1	258.1
-32.5°	1179.8	1058.0	945.3	828.9	739.9	656.2	574.4	496.3	407.2	323.6	249.0
-35°	1059.8	965.3	867.1	768.9	678.0	612.6	541.7	469.0	387.2	307.2	240.0
-37.5°	952.5	876.2	798.0	714.4	636.2	570.8	510.8	441.7	367.2	292.7	230.9
-40°	859.8	798.0	728.9	661.7	596.2	534.4	479.9	414.5	347.2	281.8	221.8
-42.5°	774.4	727.1	670.8	614.4	556.3	501.7	449.0	385.4	327.2	269.0	212.7
-45°	708.9	661.7	616.2	565.3	516.3	469.0	416.3	359.9	309.0	254.5	203.6
-47.5°	647.1	605.3	563.5	521.7	481.7	438.1	385.4	338.1	289.0	241.8	196.3
-50°	592.6	552.6	516.3	479.9	445.4	403.6	354.5	316.3	272.7	229.0	187.2
-52.5°	541.7	507.2	470.8	441.7	412.6	370.8	330.8	294.5	256.3	214.5	178.1
-55°	496.3	463.5	430.8	403.6	376.3	339.9	307.2	276.3	240.0	203.6	169.1
-57.5°	452.6	425.4	394.5	369.0	341.8	312.7	285.4	256.3	223.6	192.7	160.0
-60°	412.6	387.2	359.9	334.5	310.8	287.2	261.8	238.1	209.0	180.0	150.9
-62.5°	372.7	350.8	327.2	301.8	283.6	261.8	241.8	218.1	194.5	169.1	134.5
-65°	336.3	316.3	294.5	272.7	256.3	240.0	221.8	200.0	180.0	156.3	120.0
-67.5°	299.9	281.8	263.6	245.4	230.9	218.1	200.0	183.6	167.2	141.8	105.4
-70°	265.4	250.9	234.5	220.0	209.0	194.5	181.8	167.2	152.7	123.6	89.1
-72.5°	232.7	218.1	205.4	194.5	185.4	172.7	161.8	150.9	130.9	103.6	74.5
-75°	194.5	185.4	178.1	169.1	160.0	150.9	141.8	129.1	109.1	83.6	58.2
-77.5°	160.0	154.5	149.1	141.8	134.5	127.2	116.3	103.6	87.3	65.4	47.3
-80°	130.9	125.4	121.8	114.5	109.1	101.8	90.9	80.0	63.6	50.9	38.2
-82.5°	100.0	96.3	92.7	89.1	83.6	76.3	65.4	56.4	47.3	38.2	29.1
-85°	70.9	69.1	65.4	61.8	56.4	50.9	43.6	38.2	32.7	25.4	20.0
-87.5°	36.4	34.5	32.7	30.9	29.1	25.4	21.8	18.2	16.4	12.7	9.1
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	7.3	5.5	1.8	0.0
85°	14.5	9.1	3.6	0.0
82.5°	21.8	14.5	5.5	0.0
80°	29.1	18.2	9.1	0.0
77.5°	36.4	21.8	10.9	0.0
75°	43.6	27.3	12.7	0.0
72.5°	49.1	30.9	14.5	0.0
70°	58.2	36.4	16.4	0.0
67.5°	72.7	40.0	18.2	0.0
65°	85.4	43.6	20.0	0.0
62.5°	100.0	47.3	21.8	0.0
60°	112.7	50.9	23.6	0.0
57.5°	125.4	60.0	25.4	0.0
55°	136.3	67.3	27.3	0.0
52.5°	149.1	74.5	29.1	0.0
50°	160.0	81.8	30.9	0.0
47.5°	169.1	89.1	30.9	0.0
45°	176.3	94.5	32.7	0.0
42.5°	181.8	100.0	34.5	0.0
40°	187.2	105.4	36.4	0.0
37.5°	192.7	110.9	36.4	0.0
35°	198.1	116.3	38.2	0.0
32.5°	203.6	121.8	38.2	0.0
30°	207.2	125.4	40.0	0.0
27.5°	212.7	129.1	40.0	0.0
25°	214.5	132.7	41.8	0.0
22.5°	218.1	134.5	41.8	0.0
20°	221.8	138.2	41.8	0.0
17.5°	223.6	140.0	43.6	0.0
15°	223.6	141.8	45.4	0.0
12.5°	225.4	143.6	45.4	0.0
10°	225.4	147.2	43.6	0.0
7.5°	229.0	145.4	43.6	0.0
5°	227.2	145.4	43.6	0.0
2.5°	225.4	143.6	43.6	0.0
0°	223.6	143.6	43.6	0.0
-2.5°	223.6	143.6	43.6	0.0
-5°	223.6	143.6	43.6	0.0
-7.5°	221.8	145.4	43.6	0.0
-10°	218.1	145.4	43.6	0.0
-12.5°	216.3	140.0	43.6	0.0
-15°	214.5	138.2	43.6	0.0
-17.5°	210.9	136.3	41.8	0.0
-20°	207.2	134.5	41.8	0.0



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CATALOG NUMBER: IFLD-S-SA3B-735-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	203.6	130.9	41.8	0.0
-25°	200.0	127.2	40.0	0.0
-27.5°	196.3	123.6	40.0	0.0
-30°	190.9	120.0	38.2	0.0
-32.5°	185.4	116.3	38.2	0.0
-35°	181.8	110.9	36.4	0.0
-37.5°	176.3	105.4	36.4	0.0
-40°	170.9	100.0	34.5	0.0
-42.5°	165.4	94.5	32.7	0.0
-45°	158.2	89.1	32.7	0.0
-47.5°	152.7	83.6	30.9	0.0
-50°	143.6	76.3	29.1	0.0
-52.5°	132.7	69.1	27.3	0.0
-55°	121.8	63.6	25.4	0.0
-57.5°	110.9	56.4	25.4	0.0
-60°	100.0	49.1	23.6	0.0
-62.5°	89.1	45.4	21.8	0.0
-65°	78.2	41.8	20.0	0.0
-67.5°	65.4	36.4	18.2	0.0
-70°	54.5	32.7	16.4	0.0
-72.5°	47.3	29.1	14.5	0.0
-75°	40.0	25.4	12.7	0.0
-77.5°	34.5	21.8	10.9	0.0
-80°	27.3	16.4	7.3	0.0
-82.5°	20.0	12.7	5.5	0.0
-85°	12.7	9.1	3.6	0.0
-87.5°	7.3	3.6	1.8	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)