

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: P722035

Luminaire Tested: **IFLD-M-SA4D-730-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722035  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-M-SA4D-730-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (64) 3000K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

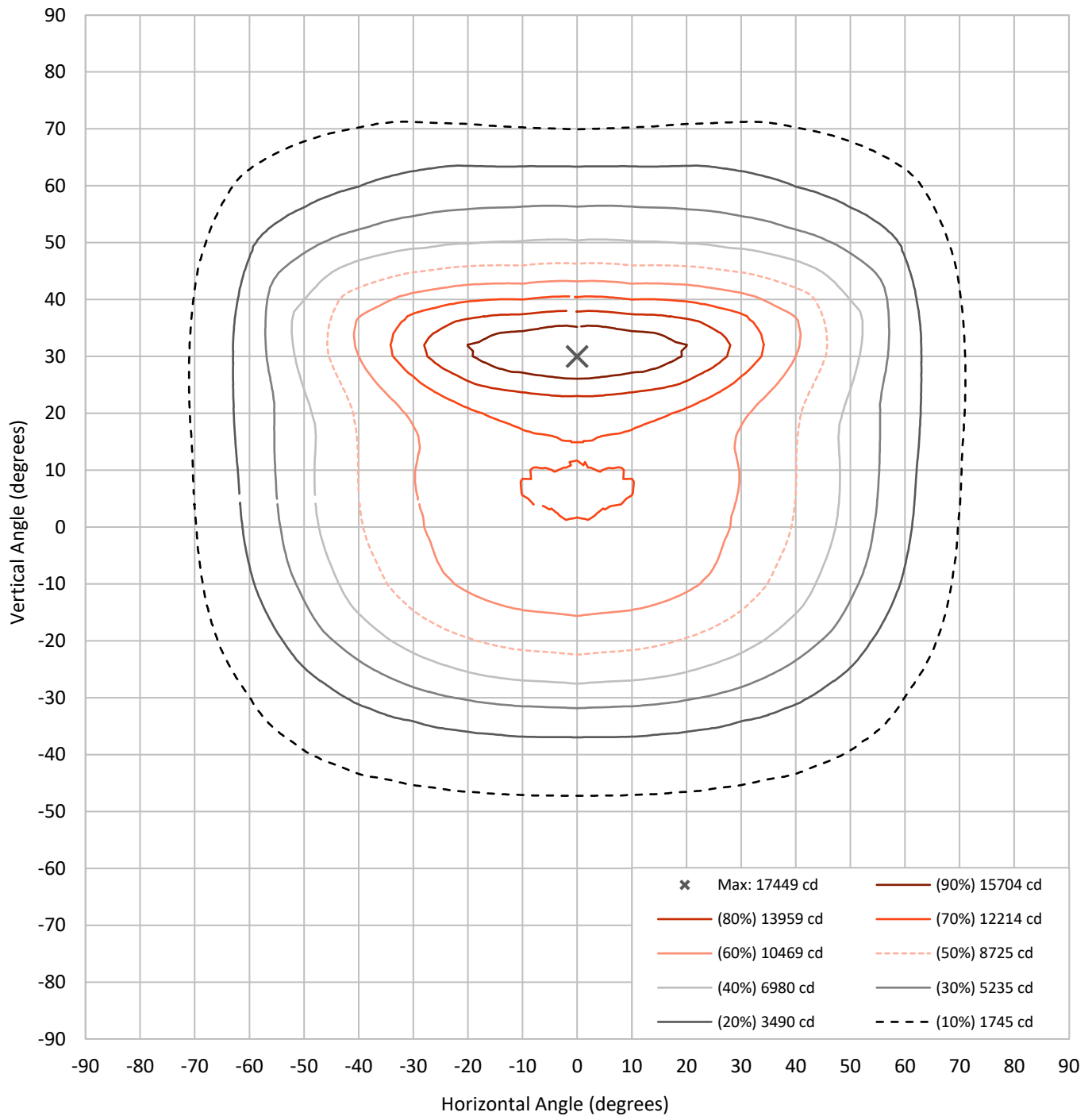
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	29126.7 lumens	Max Intensity:	17449 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	116.6 lumens/watt		
Luminous Opening:	Rectangular (W 2' 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:	16937.5 lumens	Field Lumens:	27295.5 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%
Input Watts (W):	249.7		
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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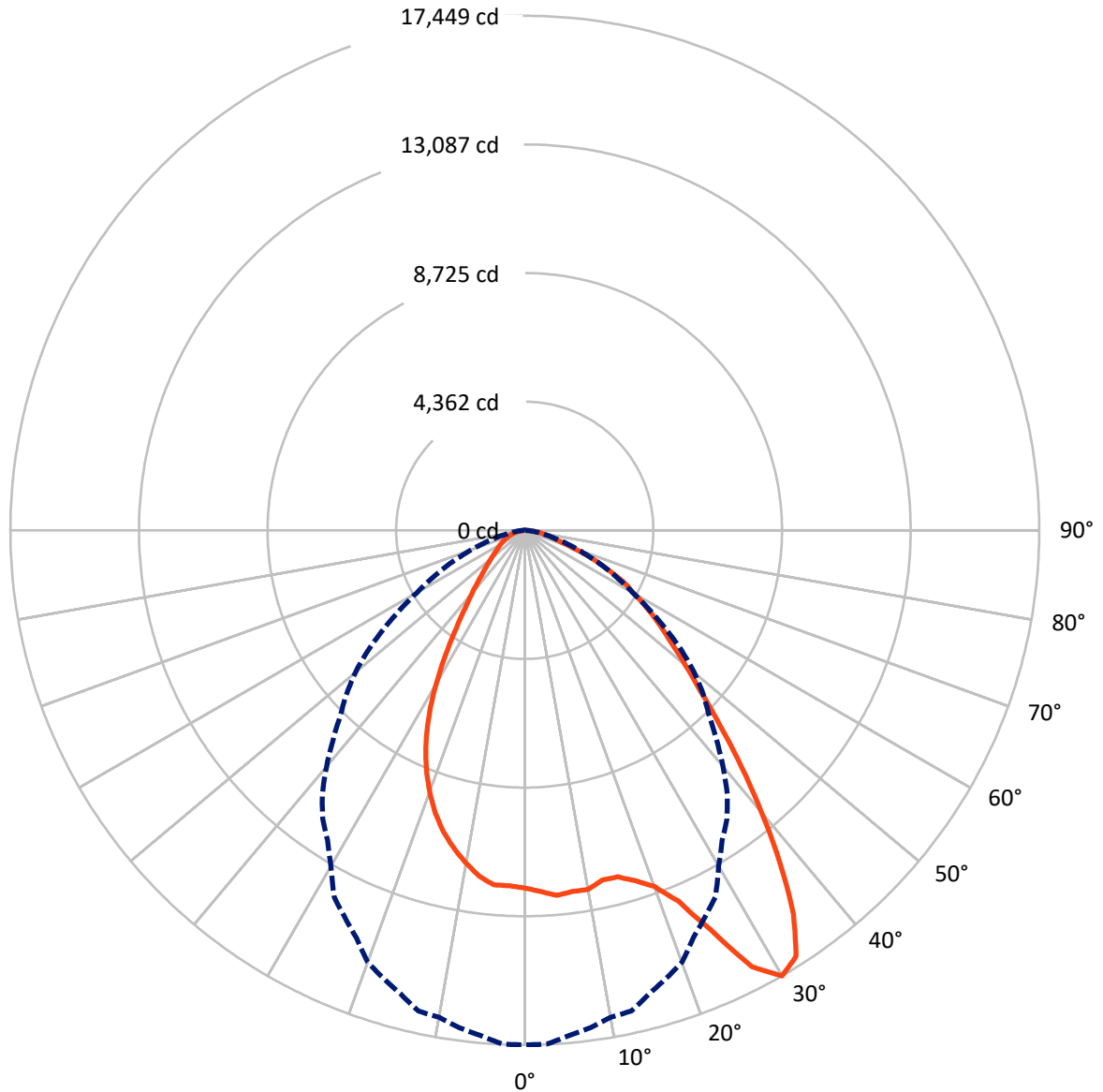
### Iso-Candela Plot





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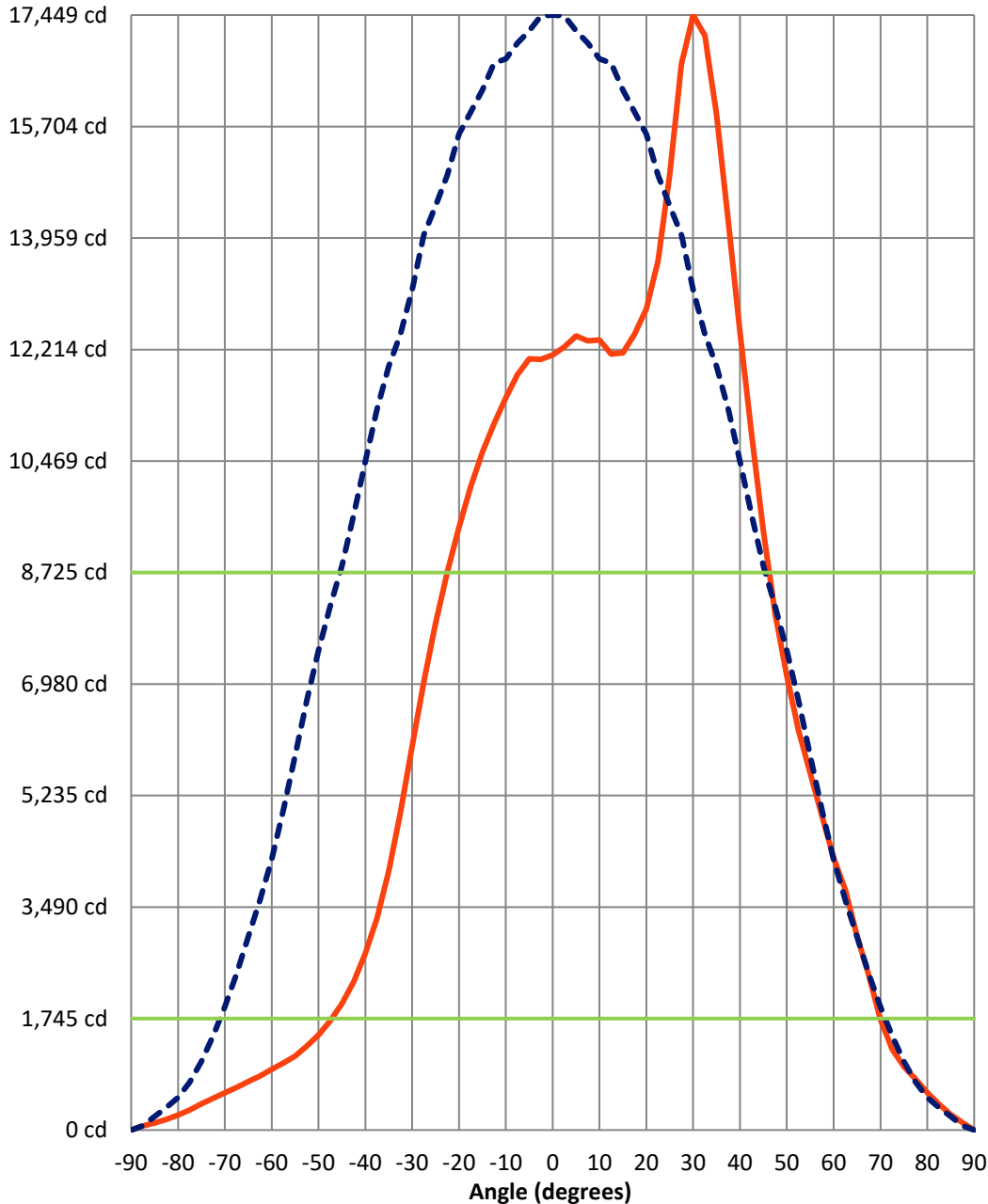
### Luminous Intensity Polar Plot



— 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: 16937.5  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 27295.5  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1831.2  
 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°	117.3	120.3	123.4	123.4	120.3	120.3	120.3	117.3	120.3	120.3	120.3
85°	243.8	249.9	256.1	253.0	249.9	243.8	237.6	240.7	243.8	246.8	246.8
82.5°	404.2	413.5	419.6	416.6	410.4	404.2	398.0	401.1	407.3	410.4	410.4
80°	586.3	589.3	592.4	598.6	589.3	589.3	586.3	598.6	604.8	610.9	617.1
77.5°	796.1	799.2	799.2	802.3	805.3	808.4	808.4	830.0	845.4	854.7	864.0
75°	993.6	1002.8	1012.1	1021.3	1033.7	1039.8	1049.1	1080.0	1104.6	1123.2	1141.7
72.5°	1265.1	1277.4	1292.9	1314.5	1336.1	1351.5	1373.1	1410.1	1437.9	1456.4	1478.0
70°	1731.0	1743.4	1758.8	1774.2	1795.8	1811.2	1832.8	1879.1	1906.9	1919.2	1931.6
67.5°	2422.2	2453.0	2480.8	2449.9	2434.5	2412.9	2419.1	2462.3	2490.1	2508.6	2505.5
65°	3036.2	3057.8	3057.8	3054.7	3042.4	3014.6	3030.0	3082.5	3113.3	3128.8	3082.5
62.5°	3758.2	3758.2	3742.8	3767.5	3770.6	3752.1	3742.8	3745.9	3749.0	3758.2	3681.1
60°	4258.1	4289.0	4298.2	4319.8	4326.0	4326.0	4341.4	4353.8	4353.8	4335.2	4245.8
57.5°	4918.4	4977.0	4989.4	4974.0	4943.1	4903.0	4896.8	4878.3	4841.3	4804.2	4761.0
55°	5584.9	5615.8	5612.7	5603.4	5572.6	5526.3	5532.4	5507.8	5449.1	5402.8	5344.2
52.5°	6254.5	6328.5	6340.9	6322.4	6279.2	6229.8	6232.9	6205.1	6146.5	6097.1	6016.9
50°	7109.2	7170.9	7164.7	7133.9	7072.1	7035.1	7038.2	6985.8	6917.9	6902.4	6797.5
47.5°	8087.3	8158.3	8145.9	8102.7	8019.4	8004.0	8019.4	7951.5	7911.4	7877.5	7754.1
45°	9370.9	9454.2	9407.9	9324.6	9191.9	9207.4	9229.0	9216.6	9130.2	9040.7	8883.4
42.5°	10876.7	10929.1	10873.6	10790.3	10623.6	10654.5	10642.2	10568.1	10515.7	10367.5	10167.0
40°	12487.3	12601.5	12515.1	12385.5	12212.7	12259.0	12225.1	12129.4	12006.0	11820.9	11567.8
37.5°	14224.5	14314.0	14215.3	14064.1	13909.8	13894.4	13826.5	13678.4	13502.5	13298.8	12894.6
35°	15887.6	16119.1	15937.0	15696.3	15508.1	15437.2	15372.4	15029.9	14829.3	14499.1	13946.8
32.5°	17125.0	17294.7	17069.4	16819.5	16591.2	16492.4	16264.1	15856.8	15748.8	15054.5	14548.5
30°	17449.0	17436.6	17202.1	17010.8	16764.0	16696.1	16276.4	15930.8	15585.3	14943.5	14462.1
27.5°	16677.6	16600.4	16375.2	16208.5	15964.8	15884.6	15471.1	15286.0	14752.2	14209.1	13801.8
25°	14958.9	14999.0	14829.3	14746.0	14585.5	14412.7	14249.2	13999.3	13666.0	13190.9	12817.5
22.5°	13604.3	13656.8	13585.8	13487.1	13363.6	13268.0	13144.6	12950.2	12629.3	12336.1	11984.4
20°	12851.4	12836.0	12774.3	12700.2	12583.0	12515.1	12379.3	12215.8	11969.0	11715.9	11336.4
17.5°	12456.5	12360.8	12302.2	12274.4	12212.7	12126.3	11965.9	11799.3	11607.9	11321.0	11043.3
15°	12163.4	12178.8	12132.5	12110.9	12061.5	11941.2	11777.7	11641.9	11382.7	11237.7	10984.7
12.5°	12144.8	12129.4	12132.5	12123.2	12061.5	11907.3	11823.9	11651.1	11484.5	11293.2	11003.2
10°	12363.9	12200.4	12212.7	12255.9	12157.2	12033.8	11944.3	11756.1	11598.7	11354.9	11068.0
7.5°	12351.6	12268.3	12292.9	12222.0	12252.8	12101.6	11978.2	11790.0	11592.5	11333.3	11074.1
5°	12425.6	12299.1	12277.5	12283.7	12206.6	12092.4	11925.8	11746.8	11561.7	11271.6	11006.3
2.5°	12255.9	12274.4	12175.7	12138.7	12129.4	11938.1	11783.8	11611.0	11419.7	11163.6	10926.0
0°	12129.4	12163.4	12061.5	12009.1	12006.0	11842.5	11743.7	11546.2	11410.5	11197.6	10910.6
-2.5°	12061.5	12101.6	12114.0	12018.3	11925.8	11799.3	11632.6	11419.7	11197.6	10950.7	10703.9
-5°	12067.7	11987.5	11953.5	11984.4	11904.2	11777.7	11592.5	11404.3	11185.2	10919.9	10611.3
-7.5°	11823.9	11743.7	11737.5	11722.1	11703.6	11583.3	11429.0	11225.3	11003.2	10756.3	10469.4
-10°	11459.8	11401.2	11385.8	11370.4	11321.0	11250.0	11105.0	10919.9	10719.3	10472.5	10167.0
-12.5°	11055.6	11027.9	10969.2	10929.1	10879.8	10796.4	10657.6	10487.9	10287.3	10068.2	9806.0
-15°	10608.2	10555.8	10497.1	10463.2	10392.2	10293.5	10154.6	9997.3	9778.2	9562.2	9315.4
-17.5°	10068.2	10003.4	9938.7	9929.4	9880.0	9728.8	9599.2	9407.9	9216.6	9009.9	8769.2
-20°	9432.6	9343.1	9299.9	9275.3	9207.4	9096.3	8957.4	8781.6	8596.4	8398.9	8121.2



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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°	8729.1	8652.0	8577.9	8531.6	8473.0	8386.6	8253.9	8099.6	7917.6	7695.4	7439.3
-25°	7929.9	7821.9	7775.7	7723.2	7692.3	7612.1	7482.5	7340.6	7152.4	6936.4	6692.6
-27.5°	7016.6	6930.2	6905.5	6831.5	6794.4	6711.1	6603.1	6470.5	6297.7	6094.0	5893.5
-30°	6007.6	5955.2	5915.1	5841.0	5813.2	5723.7	5652.8	5541.7	5384.3	5239.3	5078.9
-32.5°	4970.9	4918.4	4906.1	4872.1	4853.6	4795.0	4714.8	4634.5	4508.0	4400.0	4270.4
-35°	4051.4	4014.3	4017.4	4014.3	3995.8	3952.6	3853.9	3832.3	3739.7	3641.0	3557.7
-37.5°	3317.0	3320.1	3317.0	3313.9	3289.2	3270.7	3199.7	3172.0	3116.4	3020.8	2971.4
-40°	2764.7	2770.9	2767.8	2761.6	2733.8	2724.6	2678.3	2641.3	2619.7	2551.8	2499.3
-42.5°	2317.3	2326.5	2323.4	2320.4	2301.8	2298.8	2274.1	2230.9	2218.5	2178.4	2122.9
-45°	1977.9	1974.8	1968.6	1974.8	1965.5	1956.3	1940.8	1913.1	1897.6	1879.1	1832.8
-47.5°	1709.4	1712.5	1706.3	1706.3	1694.0	1684.7	1678.6	1660.0	1647.7	1632.3	1604.5
-50°	1487.2	1499.6	1496.5	1493.4	1484.2	1478.0	1478.0	1459.5	1441.0	1434.8	1416.3
-52.5°	1314.5	1323.7	1326.8	1333.0	1336.1	1339.1	1329.9	1311.4	1280.5	1277.4	1268.2
-55°	1157.1	1184.9	1203.4	1215.7	1228.1	1237.3	1218.8	1194.1	1163.3	1150.9	1147.8
-57.5°	1049.1	1076.9	1098.5	1117.0	1132.4	1147.8	1129.3	1104.6	1076.9	1061.4	1058.4
-60°	950.4	975.0	996.6	1021.3	1042.9	1067.6	1058.4	1039.8	1024.4	1012.1	999.7
-62.5°	845.4	870.1	894.8	925.7	953.4	978.1	981.2	978.1	975.0	978.1	956.5
-65°	759.1	771.4	786.8	820.8	851.6	879.4	894.8	904.1	919.5	934.9	913.3
-67.5°	666.5	681.9	700.4	725.1	749.8	768.3	789.9	814.6	839.3	864.0	848.5
-70°	583.2	595.5	610.9	623.3	638.7	651.1	669.6	697.3	725.1	749.8	743.6
-72.5°	496.8	509.1	518.4	524.5	533.8	540.0	549.2	573.9	592.4	604.8	604.8
-75°	410.4	422.7	432.0	435.1	441.2	444.3	450.5	459.8	469.0	472.1	475.2
-77.5°	314.7	327.1	336.3	342.5	348.7	354.8	357.9	364.1	367.2	367.2	370.3
-80°	234.5	243.8	249.9	259.2	262.3	268.4	274.6	277.7	280.8	280.8	283.9
-82.5°	166.6	172.8	179.0	185.1	191.3	194.4	200.6	203.6	206.7	209.8	212.9
-85°	111.1	117.3	123.4	129.6	132.7	135.8	138.9	141.9	145.0	148.1	151.2
-87.5°	64.8	67.9	71.0	77.1	80.2	86.4	89.5	86.4	89.5	89.5	89.5
-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):**

	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°	120.3	120.3	120.3	120.3	117.3	111.1	108.0	101.8	95.7	89.5	83.3
85°	249.9	253.0	253.0	253.0	246.8	243.8	234.5	225.2	212.9	194.4	179.0
82.5°	416.6	419.6	419.6	416.6	410.4	401.1	388.8	373.4	348.7	324.0	302.4
80°	626.4	629.5	629.5	626.4	610.9	595.5	580.1	561.6	530.7	496.8	459.8
77.5°	876.3	882.5	882.5	873.2	851.6	833.1	808.4	777.6	731.3	681.9	632.5
75°	1166.3	1181.8	1184.9	1175.6	1147.8	1113.9	1073.8	1021.3	950.4	888.6	830.0
72.5°	1502.7	1518.1	1530.4	1518.1	1478.0	1431.7	1373.1	1311.4	1240.4	1157.1	1058.4
70°	1943.9	1959.3	1968.6	1928.5	1857.5	1780.4	1709.4	1638.4	1555.1	1453.3	1345.3
67.5°	2499.3	2483.9	2465.4	2385.2	2295.7	2203.1	2104.4	1999.5	1891.5	1783.5	1657.0
65°	3033.1	2989.9	2949.8	2854.2	2740.0	2619.7	2505.5	2388.2	2258.6	2122.9	2002.5
62.5°	3594.7	3502.1	3403.4	3286.1	3168.9	3036.2	2922.0	2783.2	2638.2	2471.5	2317.3
60°	4147.0	4035.9	3937.2	3792.2	3637.9	3458.9	3335.5	3199.7	3030.0	2851.1	2669.0
57.5°	4680.8	4560.5	4452.5	4326.0	4159.4	3965.0	3829.2	3653.3	3474.4	3249.1	3064.0
55°	5248.6	5128.2	5041.8	4899.9	4717.9	4538.9	4390.8	4205.6	3955.7	3715.0	3486.7
52.5°	5899.6	5804.0	5711.4	5566.4	5347.3	5165.3	5001.7	4795.0	4532.7	4236.5	3961.9
50°	6627.8	6578.5	6479.7	6310.0	6060.1	5899.6	5683.6	5409.0	5128.2	4816.6	4474.1
47.5°	7593.6	7513.4	7374.5	7189.4	6979.6	6738.9	6448.9	6128.0	5729.9	5384.3	5020.2
45°	8747.6	8599.5	8420.5	8170.6	7911.4	7639.9	7322.1	6914.8	6381.0	5930.5	5547.9
42.5°	9997.3	9796.7	9553.0	9225.9	8889.6	8556.3	8213.8	7658.4	6991.9	6473.5	6041.6
40°	11302.5	11046.4	10740.9	10265.7	9892.4	9463.5	9071.6	8241.6	7531.9	6970.3	6510.6
37.5°	12579.9	12255.9	11743.7	11166.7	10731.6	10379.9	9519.0	8630.4	7994.7	7377.6	6911.7
35°	13558.0	13283.4	12379.3	11780.7	11407.4	10852.0	9775.1	8864.9	8192.2	7680.0	6954.9
32.5°	14138.1	13428.4	12635.4	12030.7	11722.1	10811.9	9793.6	8932.8	8284.8	7710.9	6843.8
30°	14008.5	13150.7	12456.5	11950.4	11280.9	10463.2	9620.8	8827.8	8198.4	7504.1	6720.4
27.5°	13227.9	12564.5	11944.3	11416.6	10759.4	10025.0	9247.5	8550.1	7963.9	7291.2	6550.7
25°	12345.4	11743.7	11284.0	10824.2	10200.9	9500.5	8815.5	8312.6	7723.2	7059.8	6328.5
22.5°	11533.9	11101.9	10740.9	10259.6	9651.7	9040.7	8614.9	8093.5	7488.7	6816.0	6100.2
20°	11015.5	10722.4	10308.9	9778.2	9299.9	8917.3	8445.2	7892.9	7269.6	6566.1	5905.8
17.5°	10765.6	10426.2	9966.4	9620.8	9253.7	8834.0	8306.4	7720.1	7056.7	6451.9	5927.4
15°	10636.0	10278.1	9975.7	9636.3	9222.8	8781.6	8195.3	7587.4	7056.7	6498.2	5942.8
12.5°	10663.8	10355.2	10025.0	9654.8	9210.5	8738.4	8207.6	7643.0	7093.7	6532.2	5945.9
10°	10750.2	10426.2	10074.4	9664.0	9216.6	8750.7	8241.6	7676.9	7112.3	6547.6	5939.7
7.5°	10781.0	10429.3	10052.8	9639.3	9201.2	8744.5	8247.8	7686.2	7115.3	6544.5	5921.2
5°	10685.4	10367.5	10003.4	9586.9	9158.0	8713.7	8223.1	7673.8	7090.7	6513.7	5874.9
2.5°	10555.8	10299.7	9951.0	9549.9	9114.8	8670.5	8183.0	7618.3	7035.1	6458.1	5816.3
0°	10534.2	10216.4	9864.6	9506.7	9043.8	8574.8	8090.4	7513.4	6933.3	6353.2	5714.5
-2.5°	10392.2	10055.9	9704.1	9315.4	8908.1	8436.0	7926.9	7362.2	6788.3	6217.4	5603.4
-5°	10284.2	9910.9	9537.5	9117.9	8707.5	8235.4	7707.8	7158.5	6597.0	6041.6	5449.1
-7.5°	10139.2	9756.6	9364.7	8926.6	8482.3	8000.9	7479.4	6930.2	6377.9	5825.6	5257.8
-10°	9846.1	9509.8	9142.6	8689.0	8220.0	7738.6	7220.3	6680.3	6128.0	5569.5	4998.6
-12.5°	9491.2	9136.4	8735.3	8318.7	7899.1	7451.7	6933.3	6402.6	5847.2	5285.6	4717.9
-15°	9031.5	8682.8	8272.4	7865.1	7460.9	7032.0	6575.4	6097.1	5532.4	4980.1	4412.4
-17.5°	8457.6	8130.5	7763.3	7374.5	6973.4	6541.4	6097.1	5692.9	5165.3	4646.9	4085.3
-20°	7840.5	7535.0	7204.8	6837.6	6436.5	6013.8	5594.2	5171.4	4714.8	4258.1	3736.6



REPORT NUMBER: P722035  
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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°	7198.7	6890.1	6556.9	6214.4	5844.1	5452.2	5063.4	4659.2	4258.1	3844.6	3403.4
-25°	6458.1	6186.6	5881.1	5547.9	5217.7	4875.2	4504.9	4137.8	3795.3	3437.3	3076.3
-27.5°	5683.6	5433.7	5156.0	4866.0	4582.1	4295.1	3974.2	3634.8	3350.9	3054.7	2755.4
-30°	4869.0	4668.5	4443.2	4190.2	3971.1	3739.7	3471.3	3190.5	2931.3	2706.1	2465.4
-32.5°	4097.6	3927.9	3767.5	3600.9	3384.9	3205.9	3020.8	2814.0	2585.7	2372.8	2200.0
-35°	3434.2	3252.2	3184.3	3060.9	2906.6	2749.3	2613.5	2465.4	2292.6	2104.4	1962.4
-37.5°	2875.8	2767.8	2672.1	2604.2	2502.4	2375.9	2267.9	2159.9	2027.2	1885.3	1743.4
-40°	2440.7	2366.6	2261.7	2227.8	2163.0	2076.6	1965.5	1882.2	1792.7	1684.7	1564.4
-42.5°	2092.0	2036.5	1968.6	1910.0	1882.2	1820.5	1734.1	1653.9	1582.9	1508.8	1416.3
-45°	1805.1	1768.0	1724.8	1672.4	1650.8	1601.4	1539.7	1450.2	1410.1	1348.4	1280.5
-47.5°	1573.6	1555.1	1524.3	1490.3	1459.5	1422.5	1366.9	1311.4	1255.8	1215.7	1163.3
-50°	1391.6	1379.3	1360.7	1333.0	1292.9	1268.2	1231.1	1181.8	1129.3	1095.4	1058.4
-52.5°	1246.6	1234.2	1221.9	1200.3	1169.4	1144.7	1113.9	1073.8	1030.6	996.6	965.8
-55°	1135.5	1117.0	1107.7	1089.2	1064.5	1036.8	1009.0	981.2	944.2	913.3	882.5
-57.5°	1049.1	1024.4	1012.1	996.6	972.0	944.2	922.6	894.8	870.1	836.2	808.4
-60°	981.2	953.4	928.8	913.3	891.7	864.0	842.4	820.8	796.1	768.3	734.4
-62.5°	925.7	891.7	857.8	839.3	817.7	793.0	771.4	749.8	725.1	697.3	666.5
-65°	873.2	833.1	789.9	771.4	749.8	725.1	697.3	681.9	660.3	635.6	604.8
-67.5°	808.4	765.2	728.2	706.6	685.0	663.4	638.7	623.3	601.7	570.8	540.0
-70°	712.8	685.0	660.3	641.8	623.3	604.8	580.1	555.4	530.7	502.9	475.2
-72.5°	592.4	583.2	580.1	570.8	549.2	527.6	502.9	478.3	456.7	435.1	413.5
-75°	478.3	484.4	490.6	487.5	465.9	444.3	422.7	401.1	385.7	367.2	348.7
-77.5°	379.5	385.7	391.9	391.9	376.4	364.1	348.7	333.2	320.9	305.5	287.0
-80°	293.1	302.4	311.6	317.8	305.5	296.2	283.9	271.5	259.2	246.8	234.5
-82.5°	222.2	231.4	240.7	246.8	237.6	231.4	222.2	212.9	203.6	191.3	182.0
-85°	160.5	166.6	172.8	175.9	169.7	163.5	157.4	151.2	145.0	135.8	129.6
-87.5°	92.6	95.7	98.7	101.8	95.7	89.5	86.4	80.2	77.1	71.0	67.9
-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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**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°	77.1	71.0	64.8	61.7	55.5	46.3	40.1	33.9	27.8	21.6	18.5
85°	163.5	148.1	129.6	120.3	108.0	95.7	83.3	71.0	58.6	46.3	33.9
82.5°	280.8	262.3	243.8	222.2	194.4	160.5	126.5	104.9	86.4	67.9	52.5
80°	422.7	388.8	357.9	330.2	299.3	256.1	209.8	166.6	117.3	89.5	67.9
77.5°	586.3	546.1	502.9	456.7	407.3	348.7	296.2	240.7	182.0	123.4	86.4
75°	771.4	718.9	660.3	595.5	530.7	453.6	379.5	314.7	246.8	172.8	104.9
72.5°	978.1	913.3	842.4	756.0	654.1	564.7	475.2	388.8	308.6	219.1	141.9
70°	1243.5	1141.7	1036.8	944.2	814.6	672.7	567.7	469.0	367.2	268.4	179.0
67.5°	1527.4	1403.9	1277.4	1141.7	978.1	811.5	660.3	549.2	428.9	314.7	212.9
65°	1835.9	1681.6	1521.2	1370.0	1144.7	947.3	777.6	626.4	487.5	357.9	246.8
62.5°	2153.7	1971.7	1786.6	1589.1	1329.9	1086.1	888.6	712.8	543.1	398.0	277.7
60°	2493.1	2280.2	2055.0	1808.1	1505.8	1237.3	993.6	802.3	601.7	438.2	311.6
57.5°	2851.1	2619.7	2354.3	2021.1	1687.8	1382.3	1113.9	882.5	654.1	475.2	336.3
55°	3239.9	2974.5	2684.5	2243.2	1866.8	1527.4	1234.2	962.7	709.7	506.0	361.0
52.5°	3659.5	3350.9	2983.8	2477.7	2055.0	1675.5	1345.3	1033.7	762.1	540.0	382.6
50°	4128.5	3739.7	3246.0	2693.7	2218.5	1814.3	1456.4	1110.8	805.3	577.0	401.1
47.5°	4616.0	4196.4	3480.5	2894.3	2385.2	1950.1	1570.6	1178.7	848.5	607.9	419.6
45°	5125.1	4514.2	3724.3	3073.2	2530.2	2073.5	1657.0	1240.4	901.0	635.6	435.1
42.5°	5628.1	4754.9	3937.2	3252.2	2665.9	2184.6	1727.9	1299.0	944.2	663.4	450.5
40°	5865.7	4936.9	4106.9	3375.6	2780.1	2283.3	1789.6	1351.5	981.2	681.9	465.9
37.5°	5964.4	5048.0	4218.0	3492.9	2869.6	2335.8	1842.1	1397.8	1012.1	700.4	478.3
35°	5986.0	5088.1	4273.5	3573.1	2943.6	2385.2	1882.2	1431.7	1036.8	718.9	490.6
32.5°	5945.9	5075.8	4289.0	3600.9	2989.9	2422.2	1910.0	1456.4	1055.3	737.5	502.9
30°	5856.4	5011.0	4233.4	3597.8	3023.9	2443.8	1928.5	1474.9	1073.8	749.8	509.1
27.5°	5711.4	4896.8	4162.4	3600.9	3042.4	2453.0	1937.7	1484.2	1086.1	759.1	521.5
25°	5532.4	4742.5	4165.5	3594.7	3045.5	2456.1	1937.7	1484.2	1089.2	762.1	530.7
22.5°	5325.7	4742.5	4165.5	3585.4	3027.0	2449.9	1928.5	1478.0	1089.2	768.3	540.0
20°	5338.1	4745.6	4156.3	3566.9	2999.2	2431.4	1906.9	1462.6	1080.0	777.6	546.1
17.5°	5347.3	4739.4	4137.8	3542.2	2962.2	2400.6	1879.1	1441.0	1080.0	786.8	549.2
15°	5347.3	4720.9	4110.0	3505.2	2915.9	2357.4	1839.0	1422.5	1083.0	789.9	555.4
12.5°	5338.1	4687.0	4066.8	3455.8	2860.3	2304.9	1814.3	1416.3	1083.0	793.0	555.4
10°	5319.5	4640.7	4011.3	3394.1	2807.9	2286.4	1802.0	1403.9	1076.9	793.0	555.4
7.5°	5285.6	4585.2	3965.0	3357.1	2777.0	2264.8	1783.5	1385.4	1067.6	786.8	561.6
5°	5233.1	4554.3	3927.9	3313.9	2733.8	2249.4	1771.1	1370.0	1061.4	786.8	555.4
2.5°	5165.3	4517.3	3884.7	3258.4	2684.5	2196.9	1731.0	1336.1	1039.8	774.5	549.2
0°	5054.2	4443.2	3810.7	3181.2	2616.6	2144.5	1690.9	1302.1	1018.2	762.1	543.1
-2.5°	4952.4	4344.5	3715.0	3101.0	2551.8	2098.2	1660.0	1283.6	1009.0	759.1	540.0
-5°	4810.4	4208.7	3588.5	2996.1	2465.4	2051.9	1629.2	1262.0	999.7	752.9	540.0
-7.5°	4653.1	4066.8	3455.8	2888.1	2379.0	1971.7	1570.6	1228.1	978.1	740.5	536.9
-10°	4409.3	3853.9	3289.2	2764.7	2286.4	1900.7	1521.2	1197.2	959.6	728.2	524.5
-12.5°	4150.1	3619.4	3097.9	2613.5	2181.5	1826.7	1465.7	1163.3	938.0	715.9	518.4
-15°	3875.5	3378.7	2897.4	2456.1	2067.3	1737.2	1407.0	1126.2	916.4	700.4	509.1
-17.5°	3588.5	3125.7	2690.6	2295.7	1953.2	1644.6	1345.3	1092.3	891.7	685.0	499.9
-20°	3286.1	2866.5	2480.8	2132.1	1832.8	1552.0	1280.5	1052.2	864.0	666.5	487.5



REPORT NUMBER: P722035  
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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°	2986.8	2610.4	2264.8	1971.7	1709.4	1456.4	1215.7	1012.1	833.1	644.9	478.3
-25°	2721.5	2369.7	2073.5	1817.4	1589.1	1363.8	1147.8	972.0	799.2	623.3	465.9
-27.5°	2462.3	2163.0	1885.3	1672.4	1471.8	1274.3	1083.0	928.8	765.2	598.6	453.6
-30°	2221.6	1965.5	1737.2	1530.4	1360.7	1194.1	1027.5	885.6	728.2	573.9	438.2
-32.5°	2002.5	1795.8	1604.5	1407.0	1255.8	1113.9	975.0	842.4	691.2	549.2	422.7
-35°	1798.9	1638.4	1471.8	1305.2	1150.9	1039.8	919.5	796.1	657.2	521.5	407.3
-37.5°	1616.8	1487.2	1354.6	1212.6	1080.0	968.9	867.0	749.8	623.3	496.8	391.9
-40°	1459.5	1354.6	1237.3	1123.2	1012.1	907.2	814.6	703.5	589.3	478.3	376.4
-42.5°	1314.5	1234.2	1138.6	1042.9	944.2	851.6	762.1	654.1	555.4	456.7	361.0
-45°	1203.4	1123.2	1046.0	959.6	876.3	796.1	706.6	610.9	524.5	432.0	345.6
-47.5°	1098.5	1027.5	956.5	885.6	817.7	743.6	654.1	573.9	490.6	410.4	333.2
-50°	1005.9	938.0	876.3	814.6	756.0	685.0	601.7	536.9	462.8	388.8	317.8
-52.5°	919.5	860.9	799.2	749.8	700.4	629.5	561.6	499.9	435.1	364.1	302.4
-55°	842.4	786.8	731.3	685.0	638.7	577.0	521.5	469.0	407.3	345.6	287.0
-57.5°	768.3	722.0	669.6	626.4	580.1	530.7	484.4	435.1	379.5	327.1	271.5
-60°	700.4	657.2	610.9	567.7	527.6	487.5	444.3	404.2	354.8	305.5	256.1
-62.5°	632.5	595.5	555.4	512.2	481.4	444.3	410.4	370.3	330.2	287.0	228.3
-65°	570.8	536.9	499.9	462.8	435.1	407.3	376.4	339.4	305.5	265.4	203.6
-67.5°	509.1	478.3	447.4	416.6	391.9	370.3	339.4	311.6	283.9	240.7	179.0
-70°	450.5	425.8	398.0	373.4	354.8	330.2	308.6	283.9	259.2	209.8	151.2
-72.5°	395.0	370.3	348.7	330.2	314.7	293.1	274.6	256.1	222.2	175.9	126.5
-75°	330.2	314.7	302.4	287.0	271.5	256.1	240.7	219.1	185.1	141.9	98.7
-77.5°	271.5	262.3	253.0	240.7	228.3	216.0	197.5	175.9	148.1	111.1	80.2
-80°	222.2	212.9	206.7	194.4	185.1	172.8	154.3	135.8	108.0	86.4	64.8
-82.5°	169.7	163.5	157.4	151.2	141.9	129.6	111.1	95.7	80.2	64.8	49.4
-85°	120.3	117.3	111.1	104.9	95.7	86.4	74.1	64.8	55.5	43.2	33.9
-87.5°	61.7	58.6	55.5	52.5	49.4	43.2	37.0	30.9	27.8	21.6	15.4
-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°	12.3	9.3	3.1	0.0
85°	24.7	15.4	6.2	0.0
82.5°	37.0	24.7	9.3	0.0
80°	49.4	30.9	15.4	0.0
77.5°	61.7	37.0	18.5	0.0
75°	74.1	46.3	21.6	0.0
72.5°	83.3	52.5	24.7	0.0
70°	98.7	61.7	27.8	0.0
67.5°	123.4	67.9	30.9	0.0
65°	145.0	74.1	33.9	0.0
62.5°	169.7	80.2	37.0	0.0
60°	191.3	86.4	40.1	0.0
57.5°	212.9	101.8	43.2	0.0
55°	231.4	114.2	46.3	0.0
52.5°	253.0	126.5	49.4	0.0
50°	271.5	138.9	52.5	0.0
47.5°	287.0	151.2	52.5	0.0
45°	299.3	160.5	55.5	0.0
42.5°	308.6	169.7	58.6	0.0
40°	317.8	179.0	61.7	0.0
37.5°	327.1	188.2	61.7	0.0
35°	336.3	197.5	64.8	0.0
32.5°	345.6	206.7	64.8	0.0
30°	351.8	212.9	67.9	0.0
27.5°	361.0	219.1	67.9	0.0
25°	364.1	225.2	71.0	0.0
22.5°	370.3	228.3	71.0	0.0
20°	376.4	234.5	71.0	0.0
17.5°	379.5	237.6	74.1	0.0
15°	379.5	240.7	77.1	0.0
12.5°	382.6	243.8	77.1	0.0
10°	382.6	249.9	74.1	0.0
7.5°	388.8	246.8	74.1	0.0
5°	385.7	246.8	74.1	0.0
2.5°	382.6	243.8	74.1	0.0
0°	379.5	243.8	74.1	0.0
-2.5°	379.5	243.8	74.1	0.0
-5°	379.5	243.8	74.1	0.0
-7.5°	376.4	246.8	74.1	0.0
-10°	370.3	246.8	74.1	0.0
-12.5°	367.2	237.6	74.1	0.0
-15°	364.1	234.5	74.1	0.0
-17.5°	357.9	231.4	71.0	0.0
-20°	351.8	228.3	71.0	0.0



REPORT NUMBER: P722035  
 CATALOG NUMBER: IFLD-M-SA4D-730-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	345.6	222.2	71.0	0.0
-25°	339.4	216.0	67.9	0.0
-27.5°	333.2	209.8	67.9	0.0
-30°	324.0	203.6	64.8	0.0
-32.5°	314.7	197.5	64.8	0.0
-35°	308.6	188.2	61.7	0.0
-37.5°	299.3	179.0	61.7	0.0
-40°	290.0	169.7	58.6	0.0
-42.5°	280.8	160.5	55.5	0.0
-45°	268.4	151.2	55.5	0.0
-47.5°	259.2	141.9	52.5	0.0
-50°	243.8	129.6	49.4	0.0
-52.5°	225.2	117.3	46.3	0.0
-55°	206.7	108.0	43.2	0.0
-57.5°	188.2	95.7	43.2	0.0
-60°	169.7	83.3	40.1	0.0
-62.5°	151.2	77.1	37.0	0.0
-65°	132.7	71.0	33.9	0.0
-67.5°	111.1	61.7	30.9	0.0
-70°	92.6	55.5	27.8	0.0
-72.5°	80.2	49.4	24.7	0.0
-75°	67.9	43.2	21.6	0.0
-77.5°	58.6	37.0	18.5	0.0
-80°	46.3	27.8	12.3	0.0
-82.5°	33.9	21.6	9.3	0.0
-85°	21.6	15.4	6.2	0.0
-87.5°	12.3	6.2	3.1	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)