

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: P722293

Luminaire Tested: **IFLD-M-SA4A-935-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722293  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-M-SA4A-935-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (64) 3500K CCT, 90 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

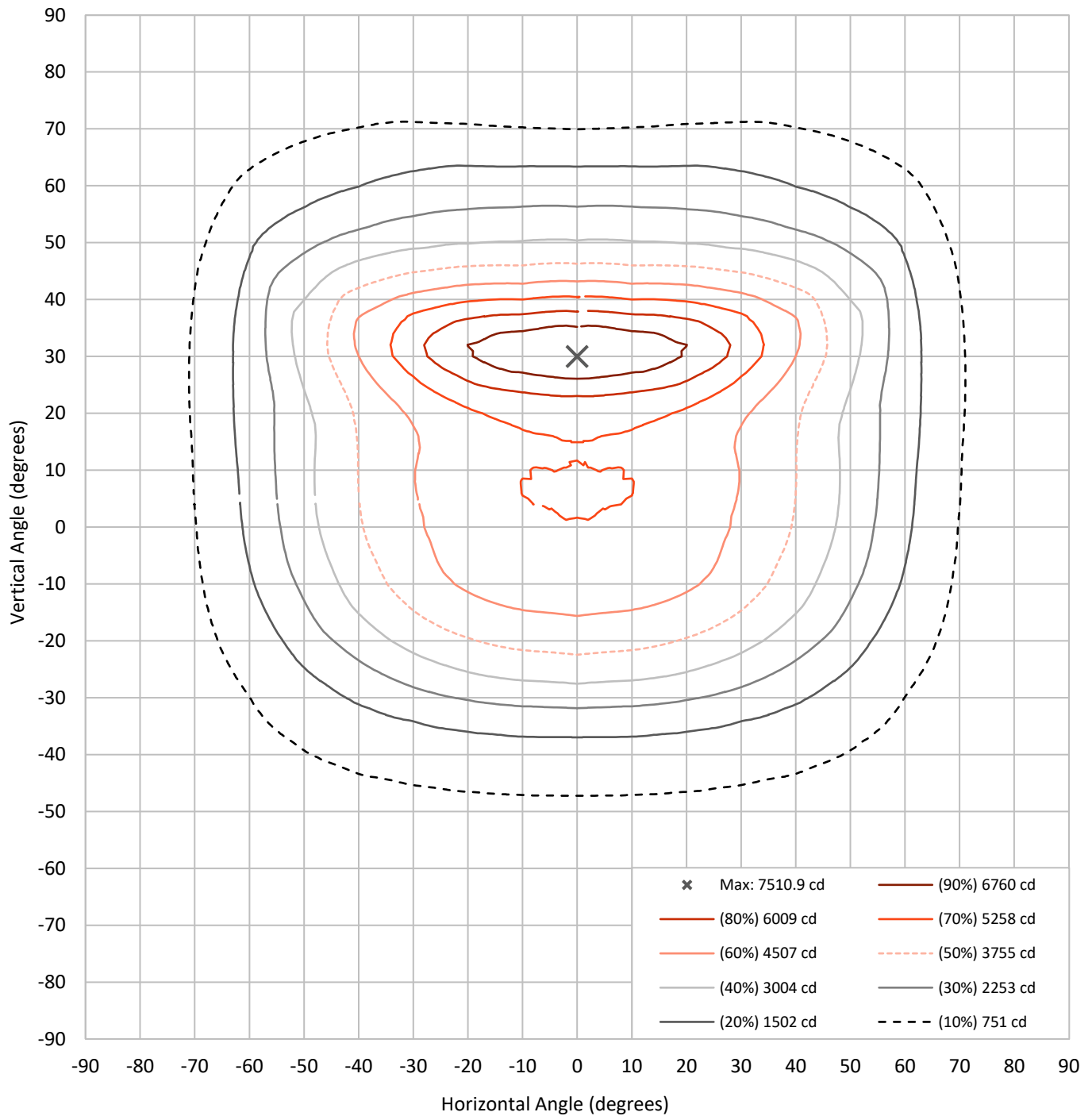
Lumens per Lamp: N/A	NEMA Type: 7H x 6V
Luminaire Lumens: 12537.6 lumens	Max Intensity: 7510.9 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 30°V
Efficacy: 97.5 lumens/watt	
Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')	
Beam Angle (50%): 90.8°H x 68.8°V	Field Angle (10%): 142°H x 117.1°V
Beam Lumens: 7290.8 lumens	Field Lumens: 11749.4 lumens
Beam Efficiency: 58.2%	Field Efficiency: 93.7%

Input Watts (W): 128.6  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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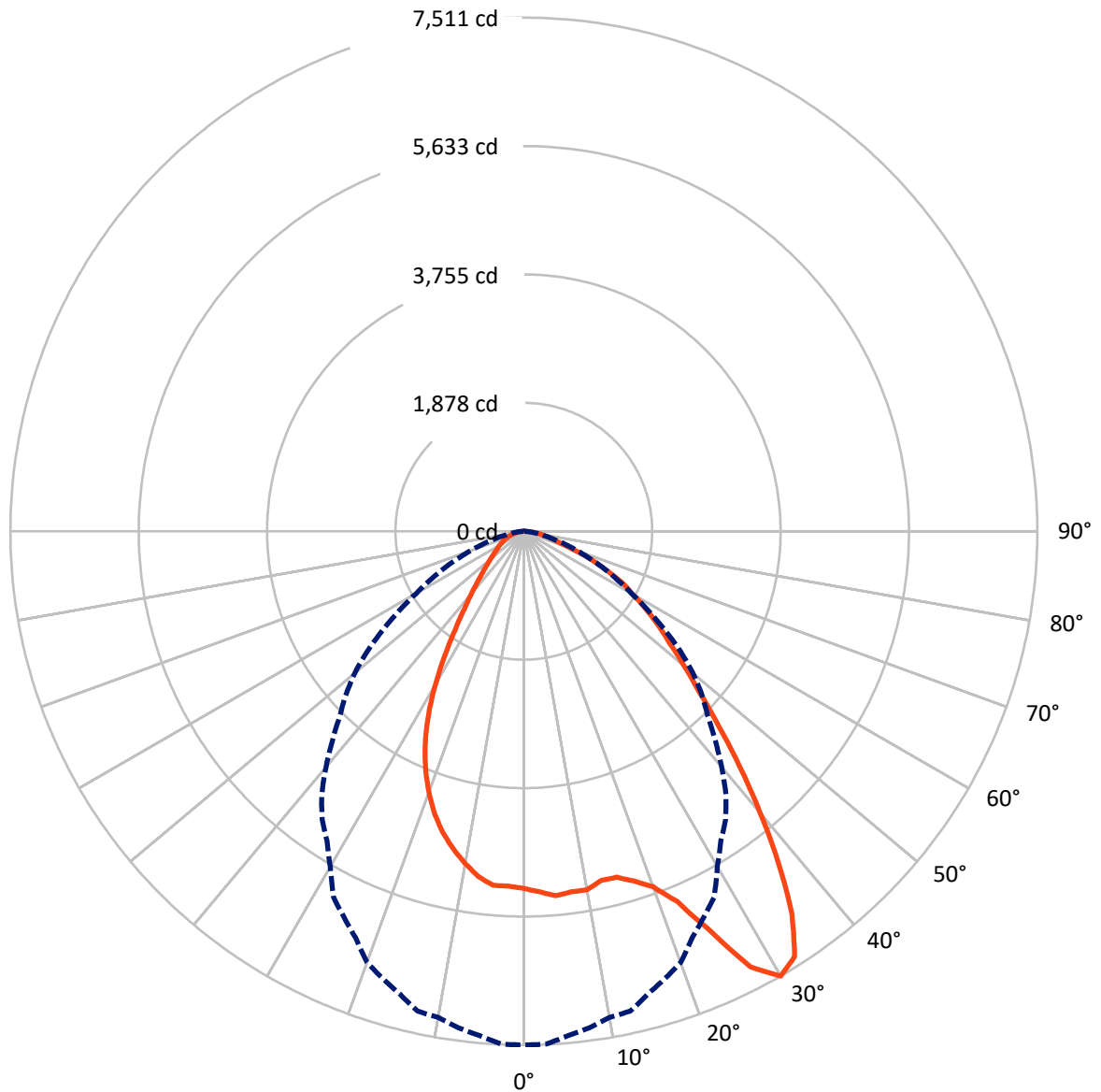
### Iso-Candela Plot





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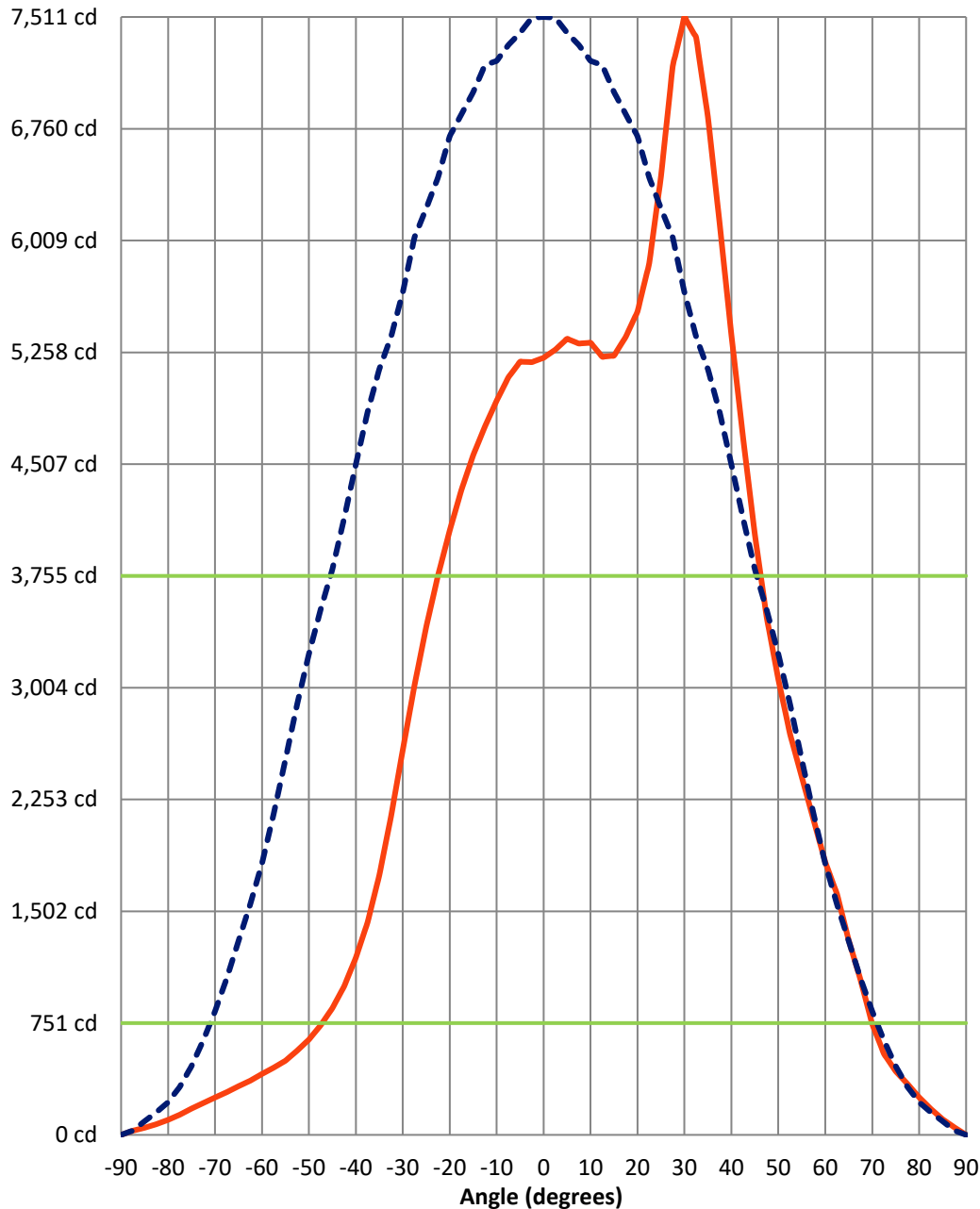
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 30-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 90.8°  
 V Angle: 68.8°  
 Lumens: 7290.8  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 11749.4  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 788.2  
 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°	50.5	51.8	53.1	53.1	51.8	51.8	51.8	50.5	51.8	51.8	51.8
85°	104.9	107.6	110.2	108.9	107.6	104.9	102.3	103.6	104.9	106.3	106.3
82.5°	174.0	178.0	180.6	179.3	176.6	174.0	171.3	172.7	175.3	176.6	176.6
80°	252.4	253.7	255.0	257.7	253.7	253.7	252.4	257.7	260.3	263.0	265.6
77.5°	342.7	344.0	344.0	345.3	346.7	348.0	348.0	357.3	363.9	367.9	371.9
75°	427.7	431.7	435.6	439.6	444.9	447.6	451.6	464.9	475.5	483.5	491.4
72.5°	544.6	549.9	556.5	565.8	575.1	581.7	591.0	607.0	618.9	626.9	636.2
70°	745.1	750.4	757.1	763.7	773.0	779.6	788.9	808.9	820.8	826.1	831.4
67.5°	1042.6	1055.9	1067.9	1054.6	1047.9	1038.6	1041.3	1059.9	1071.9	1079.8	1078.5
65°	1306.9	1316.2	1316.2	1314.9	1309.6	1297.6	1304.3	1326.9	1340.1	1346.8	1326.9
62.5°	1617.7	1617.7	1611.1	1621.7	1623.1	1615.1	1611.1	1612.4	1613.8	1617.7	1584.5
60°	1832.9	1846.2	1850.2	1859.5	1862.1	1862.1	1868.8	1874.1	1874.1	1866.1	1827.6
57.5°	2117.1	2142.4	2147.7	2141.0	2127.8	2110.5	2107.8	2099.9	2083.9	2068.0	2049.4
55°	2404.0	2417.3	2416.0	2412.0	2398.7	2378.8	2381.4	2370.8	2345.6	2325.7	2300.4
52.5°	2692.2	2724.1	2729.4	2721.5	2702.9	2681.6	2682.9	2671.0	2645.8	2624.5	2590.0
50°	3060.2	3086.7	3084.1	3070.8	3044.2	3028.3	3029.6	3007.0	2977.8	2971.2	2926.0
47.5°	3481.2	3511.7	3506.4	3487.8	3452.0	3445.3	3452.0	3422.8	3405.5	3390.9	3337.7
45°	4033.7	4069.6	4049.7	4013.8	3956.7	3963.3	3972.6	3967.3	3930.1	3891.6	3823.9
42.5°	4681.9	4704.5	4680.5	4644.7	4573.0	4586.2	4580.9	4549.1	4526.5	4462.7	4376.4
40°	5375.2	5424.3	5387.1	5331.4	5257.0	5276.9	5262.3	5221.1	5168.0	5088.3	4979.4
37.5°	6123.0	6161.5	6119.0	6053.9	5987.5	5980.8	5951.6	5887.9	5812.2	5724.5	5550.5
35°	6838.9	6938.5	6860.1	6756.5	6675.5	6644.9	6617.1	6469.6	6383.3	6241.2	6003.4
32.5°	7371.5	7444.5	7347.6	7240.0	7141.7	7099.2	7000.9	6825.6	6779.1	6480.2	6262.4
30°	7510.9	7505.6	7404.7	7322.3	7216.1	7186.8	7006.2	6857.5	6708.7	6432.4	6225.2
27.5°	7178.9	7145.7	7048.7	6977.0	6872.1	6837.5	6659.6	6579.9	6350.1	6116.3	5941.0
25°	6439.1	6456.3	6383.3	6347.4	6278.4	6204.0	6133.6	6026.0	5882.6	5678.0	5517.3
22.5°	5856.0	5878.6	5848.0	5805.5	5752.4	5711.2	5658.1	5574.4	5436.3	5310.1	5158.7
20°	5531.9	5525.3	5498.7	5466.8	5416.4	5387.1	5328.7	5258.3	5152.1	5043.1	4879.8
17.5°	5361.9	5320.7	5295.5	5283.5	5257.0	5219.8	5150.7	5079.0	4996.7	4873.1	4753.6
15°	5235.7	5242.4	5222.5	5213.2	5191.9	5140.1	5069.7	5011.3	4899.7	4837.3	4728.4
12.5°	5227.8	5221.1	5222.5	5218.5	5191.9	5125.5	5089.6	5015.3	4943.5	4861.2	4736.3
10°	5322.1	5251.7	5257.0	5275.6	5233.1	5179.9	5141.4	5060.4	4992.7	4887.7	4764.2
7.5°	5316.8	5280.9	5291.5	5261.0	5274.3	5209.2	5156.0	5075.0	4990.0	4878.4	4766.9
5°	5348.6	5294.2	5284.9	5287.5	5254.3	5205.2	5133.5	5056.4	4976.7	4851.9	4737.7
2.5°	5275.6	5283.5	5241.0	5225.1	5221.1	5138.8	5072.4	4998.0	4915.6	4805.4	4703.1
0°	5221.1	5235.7	5191.9	5169.3	5168.0	5097.6	5055.1	4970.1	4911.7	4820.0	4696.5
-2.5°	5191.9	5209.2	5214.5	5173.3	5133.5	5079.0	5007.3	4915.6	4820.0	4713.8	4607.5
-5°	5194.6	5160.0	5145.4	5158.7	5124.2	5069.7	4990.0	4909.0	4814.7	4700.5	4567.7
-7.5°	5089.6	5055.1	5052.4	5045.8	5037.8	4986.0	4919.6	4832.0	4736.3	4630.1	4506.6
-10°	4932.9	4907.7	4901.0	4894.4	4873.1	4842.6	4780.2	4700.5	4614.1	4507.9	4376.4
-12.5°	4758.9	4747.0	4721.7	4704.5	4683.2	4647.3	4587.6	4514.5	4428.2	4333.9	4221.0
-15°	4566.3	4543.7	4518.5	4503.9	4473.4	4430.8	4371.1	4303.3	4209.0	4116.1	4009.8
-17.5°	4333.9	4306.0	4278.1	4274.1	4252.9	4187.8	4132.0	4049.7	3967.3	3878.3	3774.7
-20°	4060.3	4021.8	4003.2	3992.5	3963.3	3915.5	3855.7	3780.0	3700.3	3615.3	3495.8



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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°	3757.5	3724.3	3692.4	3672.5	3647.2	3610.0	3552.9	3486.5	3408.1	3312.5	3202.3
-25°	3413.5	3367.0	3347.0	3324.5	3311.2	3276.6	3220.9	3159.8	3078.7	2985.8	2880.8
-27.5°	3020.3	2983.1	2972.5	2940.6	2924.7	2888.8	2842.3	2785.2	2710.8	2623.2	2536.8
-30°	2586.0	2563.4	2546.1	2514.3	2502.3	2463.8	2433.2	2385.4	2317.7	2255.3	2186.2
-32.5°	2139.7	2117.1	2111.8	2097.2	2089.2	2064.0	2029.5	1994.9	1940.5	1894.0	1838.2
-35°	1743.9	1728.0	1729.3	1728.0	1720.0	1701.4	1658.9	1649.6	1609.8	1567.3	1531.4
-37.5°	1427.8	1429.1	1427.8	1426.5	1415.9	1407.9	1377.3	1365.4	1341.5	1300.3	1279.0
-40°	1190.1	1192.7	1191.4	1188.7	1176.8	1172.8	1152.9	1136.9	1127.6	1098.4	1075.8
-42.5°	997.5	1001.5	1000.1	998.8	990.8	989.5	978.9	960.3	955.0	937.7	913.8
-45°	851.4	850.0	847.4	850.0	846.1	842.1	835.4	823.5	816.8	808.9	788.9
-47.5°	735.8	737.1	734.5	734.5	729.2	725.2	722.5	714.6	709.3	702.6	690.7
-50°	640.2	645.5	644.2	642.8	638.9	636.2	636.2	628.2	620.3	617.6	609.6
-52.5°	565.8	569.8	571.1	573.8	575.1	576.4	572.5	564.5	551.2	549.9	545.9
-55°	498.1	510.0	518.0	523.3	528.6	532.6	524.6	514.0	500.7	495.4	494.1
-57.5°	451.6	463.5	472.8	480.8	487.4	494.1	486.1	475.5	463.5	456.9	455.6
-60°	409.1	419.7	429.0	439.6	448.9	459.6	455.6	447.6	441.0	435.6	430.3
-62.5°	363.9	374.6	385.2	398.5	410.4	421.0	422.4	421.0	419.7	421.0	411.7
-65°	326.7	332.0	338.7	353.3	366.6	378.5	385.2	389.2	395.8	402.4	393.1
-67.5°	286.9	293.5	301.5	312.1	322.8	330.7	340.0	350.6	361.3	371.9	365.3
-70°	251.0	256.3	263.0	268.3	274.9	280.2	288.2	300.2	312.1	322.8	320.1
-72.5°	213.8	219.2	223.1	225.8	229.8	232.4	236.4	247.0	255.0	260.3	260.3
-75°	176.6	182.0	185.9	187.3	189.9	191.3	193.9	197.9	201.9	203.2	204.5
-77.5°	135.5	140.8	144.8	147.4	150.1	152.7	154.1	156.7	158.1	158.1	159.4
-80°	100.9	104.9	107.6	111.6	112.9	115.6	118.2	119.5	120.9	120.9	122.2
-82.5°	71.7	74.4	77.0	79.7	82.3	83.7	86.3	87.7	89.0	90.3	91.6
-85°	47.8	50.5	53.1	55.8	57.1	58.4	59.8	61.1	62.4	63.8	65.1
-87.5°	27.9	29.2	30.5	33.2	34.5	37.2	38.5	37.2	38.5	38.5	38.5
-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°	51.8	51.8	51.8	51.8	50.5	47.8	46.5	43.8	41.2	38.5	35.9
85°	107.6	108.9	108.9	108.9	106.3	104.9	100.9	97.0	91.6	83.7	77.0
82.5°	179.3	180.6	180.6	179.3	176.6	172.7	167.4	160.7	150.1	139.5	130.2
80°	269.6	271.0	271.0	269.6	263.0	256.3	249.7	241.7	228.4	213.8	197.9
77.5°	377.2	379.9	379.9	375.9	366.6	358.6	348.0	334.7	314.8	293.5	272.3
75°	502.1	508.7	510.0	506.0	494.1	479.5	462.2	439.6	409.1	382.5	357.3
72.5°	646.8	653.5	658.8	653.5	636.2	616.3	591.0	564.5	533.9	498.1	455.6
70°	836.8	843.4	847.4	830.1	799.6	766.4	735.8	705.3	669.4	625.6	579.1
67.5°	1075.8	1069.2	1061.2	1026.7	988.2	948.3	905.8	860.7	814.2	767.7	713.2
65°	1305.6	1287.0	1269.8	1228.6	1179.4	1127.6	1078.5	1028.0	972.2	913.8	862.0
62.5°	1547.3	1507.5	1465.0	1414.5	1364.1	1306.9	1257.8	1198.0	1135.6	1063.9	997.5
60°	1785.1	1737.3	1694.8	1632.3	1565.9	1488.9	1435.8	1377.3	1304.3	1227.2	1148.9
57.5°	2014.9	1963.1	1916.6	1862.1	1790.4	1706.7	1648.3	1572.6	1495.5	1398.6	1318.9
55°	2259.3	2207.5	2170.3	2109.2	2030.8	1953.8	1890.0	1810.3	1702.7	1599.1	1500.9
52.5°	2539.5	2498.3	2458.5	2396.1	2301.8	2223.4	2153.0	2064.0	1951.1	1823.6	1705.4
50°	2853.0	2831.7	2789.2	2716.2	2608.6	2539.5	2446.5	2328.3	2207.5	2073.3	1925.9
47.5°	3268.7	3234.1	3174.4	3094.7	3004.4	2900.8	2775.9	2637.8	2466.5	2317.7	2161.0
45°	3765.4	3701.7	3624.6	3517.1	3405.5	3288.6	3151.8	2976.5	2746.7	2552.8	2388.1
42.5°	4303.3	4217.0	4112.1	3971.3	3826.5	3683.1	3535.6	3296.6	3009.7	2786.5	2600.6
40°	4865.2	4754.9	4623.4	4418.9	4258.2	4073.6	3904.9	3547.6	3242.1	3000.4	2802.5
37.5°	5415.0	5275.6	5055.1	4806.7	4619.5	4468.0	4097.5	3715.0	3441.3	3175.7	2975.1
35°	5836.1	5717.9	5328.7	5071.0	4910.3	4671.3	4207.7	3815.9	3526.3	3305.9	2993.7
32.5°	6085.8	5780.3	5438.9	5178.6	5045.8	4654.0	4215.7	3845.1	3566.2	3319.2	2945.9
30°	6030.0	5660.8	5361.9	5144.1	4855.9	4503.9	4141.3	3800.0	3529.0	3230.2	2892.8
27.5°	5694.0	5408.4	5141.4	4914.3	4631.4	4315.3	3980.6	3680.4	3428.1	3138.5	2819.8
25°	5314.1	5055.1	4857.2	4659.3	4391.0	4089.5	3794.6	3578.1	3324.5	3038.9	2724.1
22.5°	4964.8	4778.8	4623.4	4416.2	4154.6	3891.6	3708.3	3483.8	3223.5	2934.0	2625.8
20°	4741.6	4615.5	4437.5	4209.0	4003.2	3838.5	3635.3	3397.5	3129.2	2826.4	2542.2
17.5°	4634.1	4488.0	4290.1	4141.3	3983.2	3802.6	3575.5	3323.1	3037.6	2777.2	2551.5
15°	4578.3	4424.2	4294.0	4147.9	3970.0	3780.0	3527.7	3266.0	3037.6	2797.2	2558.1
12.5°	4590.2	4457.4	4315.3	4155.9	3964.7	3761.4	3533.0	3289.9	3053.5	2811.8	2559.4
10°	4627.4	4488.0	4336.5	4159.9	3967.3	3766.8	3547.6	3304.5	3061.5	2818.4	2556.8
7.5°	4640.7	4489.3	4327.2	4149.3	3960.7	3764.1	3550.3	3308.5	3062.8	2817.1	2548.8
5°	4599.5	4462.7	4306.0	4126.7	3942.1	3750.8	3539.6	3303.2	3052.2	2803.8	2528.9
2.5°	4543.7	4433.5	4283.4	4110.8	3923.5	3732.2	3522.4	3279.3	3028.3	2779.9	2503.6
0°	4534.4	4397.6	4246.2	4092.2	3892.9	3691.0	3482.5	3234.1	2984.4	2734.7	2459.8
-2.5°	4473.4	4328.6	4177.2	4009.8	3834.5	3631.3	3412.1	3169.1	2922.0	2676.3	2412.0
-5°	4426.9	4266.2	4105.4	3924.8	3748.2	3544.9	3317.8	3081.4	2839.7	2600.6	2345.6
-7.5°	4364.4	4199.7	4031.1	3842.5	3651.2	3444.0	3219.5	2983.1	2745.4	2507.6	2263.2
-10°	4238.3	4093.5	3935.4	3740.2	3538.3	3331.1	3108.0	2875.5	2637.8	2397.4	2151.7
-12.5°	4085.5	3932.8	3760.1	3580.8	3400.2	3207.6	2984.4	2756.0	2516.9	2275.2	2030.8
-15°	3887.6	3737.5	3560.9	3385.6	3211.6	3026.9	2830.4	2624.5	2381.4	2143.7	1899.3
-17.5°	3640.6	3499.8	3341.7	3174.4	3001.7	2815.8	2624.5	2450.5	2223.4	2000.3	1758.5
-20°	3374.9	3243.4	3101.3	2943.3	2770.6	2588.6	2408.0	2226.0	2029.5	1832.9	1608.4



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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°	3098.7	2965.9	2822.4	2675.0	2515.6	2346.9	2179.6	2005.6	1832.9	1654.9	1465.0
-25°	2779.9	2663.0	2531.5	2388.1	2246.0	2098.5	1939.2	1781.1	1633.7	1479.6	1324.2
-27.5°	2446.5	2338.9	2219.4	2094.6	1972.4	1848.8	1710.7	1564.6	1442.4	1314.9	1186.1
-30°	2095.9	2009.6	1912.6	1803.7	1709.4	1609.8	1494.2	1373.4	1261.8	1164.8	1061.2
-32.5°	1763.8	1690.8	1621.7	1550.0	1457.0	1380.0	1300.3	1211.3	1113.0	1021.4	947.0
-35°	1478.3	1399.9	1370.7	1317.6	1251.2	1183.4	1125.0	1061.2	986.8	905.8	844.7
-37.5°	1237.9	1191.4	1150.2	1121.0	1077.2	1022.7	976.2	929.7	872.6	811.5	750.4
-40°	1050.6	1018.7	973.6	959.0	931.1	893.9	846.1	810.2	771.7	725.2	673.4
-42.5°	900.5	876.6	847.4	822.2	810.2	783.6	746.4	711.9	681.4	649.5	609.6
-45°	777.0	761.1	742.5	719.9	710.6	689.3	662.8	624.3	607.0	580.4	551.2
-47.5°	677.4	669.4	656.1	641.5	628.2	612.3	588.4	564.5	540.6	523.3	500.7
-50°	599.0	593.7	585.7	573.8	556.5	545.9	529.9	508.7	486.1	471.5	455.6
-52.5°	536.6	531.3	526.0	516.7	503.4	492.8	479.5	462.2	443.6	429.0	415.7
-55°	488.8	480.8	476.8	468.9	458.2	446.3	434.3	422.4	406.4	393.1	379.9
-57.5°	451.6	441.0	435.6	429.0	418.4	406.4	397.1	385.2	374.6	359.9	348.0
-60°	422.4	410.4	399.8	393.1	383.8	371.9	362.6	353.3	342.7	330.7	316.1
-62.5°	398.5	383.8	369.2	361.3	352.0	341.3	332.0	322.8	312.1	300.2	286.9
-65°	375.9	358.6	340.0	332.0	322.8	312.1	300.2	293.5	284.2	273.6	260.3
-67.5°	348.0	329.4	313.5	304.2	294.9	285.6	274.9	268.3	259.0	245.7	232.4
-70°	306.8	294.9	284.2	276.3	268.3	260.3	249.7	239.1	228.4	216.5	204.5
-72.5°	255.0	251.0	249.7	245.7	236.4	227.1	216.5	205.9	196.6	187.3	178.0
-75°	205.9	208.5	211.2	209.9	200.6	191.3	182.0	172.7	166.0	158.1	150.1
-77.5°	163.4	166.0	168.7	168.7	162.0	156.7	150.1	143.4	138.1	131.5	123.5
-80°	126.2	130.2	134.1	136.8	131.5	127.5	122.2	116.9	111.6	106.3	100.9
-82.5°	95.6	99.6	103.6	106.3	102.3	99.6	95.6	91.6	87.7	82.3	78.4
-85°	69.1	71.7	74.4	75.7	73.1	70.4	67.7	65.1	62.4	58.4	55.8
-87.5°	39.8	41.2	42.5	43.8	41.2	38.5	37.2	34.5	33.2	30.5	29.2
-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-M-SA4A-935-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	33.2	30.5	27.9	26.6	23.9	19.9	17.3	14.6	12.0	9.3	8.0
85°	70.4	63.8	55.8	51.8	46.5	41.2	35.9	30.5	25.2	19.9	14.6
82.5°	120.9	112.9	104.9	95.6	83.7	69.1	54.5	45.2	37.2	29.2	22.6
80°	182.0	167.4	154.1	142.1	128.8	110.2	90.3	71.7	50.5	38.5	29.2
77.5°	252.4	235.1	216.5	196.6	175.3	150.1	127.5	103.6	78.4	53.1	37.2
75°	332.0	309.5	284.2	256.3	228.4	195.2	163.4	135.5	106.3	74.4	45.2
72.5°	421.0	393.1	362.6	325.4	281.6	243.1	204.5	167.4	132.8	94.3	61.1
70°	535.3	491.4	446.3	406.4	350.6	289.5	244.4	201.9	158.1	115.6	77.0
67.5°	657.5	604.3	549.9	491.4	421.0	349.3	284.2	236.4	184.6	135.5	91.6
65°	790.3	723.9	654.8	589.7	492.8	407.8	334.7	269.6	209.9	154.1	106.3
62.5°	927.1	848.7	769.0	684.0	572.5	467.5	382.5	306.8	233.8	171.3	119.5
60°	1073.2	981.5	884.6	778.3	648.2	532.6	427.7	345.3	259.0	188.6	134.1
57.5°	1227.2	1127.6	1013.4	870.0	726.5	595.0	479.5	379.9	281.6	204.5	144.8
55°	1394.6	1280.4	1155.5	965.6	803.6	657.5	531.3	414.4	305.5	217.8	155.4
52.5°	1575.2	1442.4	1284.4	1066.5	884.6	721.2	579.1	444.9	328.1	232.4	164.7
50°	1777.1	1609.8	1397.3	1159.5	955.0	781.0	626.9	478.1	346.7	248.4	172.7
47.5°	1987.0	1806.3	1498.2	1245.8	1026.7	839.4	676.0	507.4	365.3	261.7	180.6
45°	2206.1	1943.1	1603.1	1322.9	1089.1	892.5	713.2	533.9	387.8	273.6	187.3
42.5°	2422.6	2046.7	1694.8	1399.9	1147.6	940.4	743.8	559.2	406.4	285.6	193.9
40°	2524.9	2125.1	1767.8	1453.0	1196.7	982.9	770.4	581.7	422.4	293.5	200.6
37.5°	2567.4	2172.9	1815.6	1503.5	1235.2	1005.4	792.9	601.7	435.6	301.5	205.9
35°	2576.7	2190.2	1839.5	1538.0	1267.1	1026.7	810.2	616.3	446.3	309.5	211.2
32.5°	2559.4	2184.9	1846.2	1550.0	1287.0	1042.6	822.2	626.9	454.2	317.4	216.5
30°	2520.9	2157.0	1822.3	1548.7	1301.6	1051.9	830.1	634.9	462.2	322.8	219.2
27.5°	2458.5	2107.8	1791.7	1550.0	1309.6	1055.9	834.1	638.9	467.5	326.7	224.5
25°	2381.4	2041.4	1793.1	1547.3	1310.9	1057.2	834.1	638.9	468.9	328.1	228.4
22.5°	2292.5	2041.4	1793.1	1543.4	1303.0	1054.6	830.1	636.2	468.9	330.7	232.4
20°	2297.8	2042.8	1789.1	1535.4	1291.0	1046.6	820.8	629.6	464.9	334.7	235.1
17.5°	2301.8	2040.1	1781.1	1524.8	1275.1	1033.3	808.9	620.3	464.9	338.7	236.4
15°	2301.8	2032.1	1769.2	1508.8	1255.1	1014.7	791.6	612.3	466.2	340.0	239.1
12.5°	2297.8	2017.5	1750.6	1487.6	1231.2	992.2	781.0	609.6	466.2	341.3	239.1
10°	2289.8	1997.6	1726.6	1461.0	1208.7	984.2	775.7	604.3	463.5	341.3	239.1
7.5°	2275.2	1973.7	1706.7	1445.1	1195.4	974.9	767.7	596.4	459.6	338.7	241.7
5°	2252.6	1960.4	1690.8	1426.5	1176.8	968.3	762.4	589.7	456.9	338.7	239.1
2.5°	2223.4	1944.5	1672.2	1402.6	1155.5	945.7	745.1	575.1	447.6	333.4	236.4
0°	2175.6	1912.6	1640.3	1369.4	1126.3	923.1	727.8	560.5	438.3	328.1	233.8
-2.5°	2131.7	1870.1	1599.1	1334.8	1098.4	903.2	714.6	552.5	434.3	326.7	232.4
-5°	2070.7	1811.7	1544.7	1289.7	1061.2	883.2	701.3	543.2	430.3	324.1	232.4
-7.5°	2002.9	1750.6	1487.6	1243.2	1024.0	848.7	676.0	528.6	421.0	318.8	231.1
-10°	1898.0	1658.9	1415.9	1190.1	984.2	818.2	654.8	515.3	413.1	313.5	225.8
-12.5°	1786.4	1558.0	1333.5	1125.0	939.0	786.3	630.9	500.7	403.8	308.1	223.1
-15°	1668.2	1454.4	1247.2	1057.2	889.9	747.8	605.7	484.8	394.5	301.5	219.2
-17.5°	1544.7	1345.5	1158.2	988.2	840.7	707.9	579.1	470.2	383.8	294.9	215.2
-20°	1414.5	1233.9	1067.9	917.8	788.9	668.1	551.2	452.9	371.9	286.9	209.9



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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°	1285.7	1123.7	974.9	848.7	735.8	626.9	523.3	435.6	358.6	277.6	205.9
-25°	1171.5	1020.1	892.5	782.3	684.0	587.1	494.1	418.4	344.0	268.3	200.6
-27.5°	1059.9	931.1	811.5	719.9	633.5	548.5	466.2	399.8	329.4	257.7	195.2
-30°	956.3	846.1	747.8	658.8	585.7	514.0	442.3	381.2	313.5	247.0	188.6
-32.5°	862.0	773.0	690.7	605.7	540.6	479.5	419.7	362.6	297.5	236.4	182.0
-35°	774.3	705.3	633.5	561.8	495.4	447.6	395.8	342.7	282.9	224.5	175.3
-37.5°	696.0	640.2	583.1	522.0	464.9	417.1	373.2	322.8	268.3	213.8	168.7
-40°	628.2	583.1	532.6	483.5	435.6	390.5	350.6	302.8	253.7	205.9	162.0
-42.5°	565.8	531.3	490.1	448.9	406.4	366.6	328.1	281.6	239.1	196.6	155.4
-45°	518.0	483.5	450.3	413.1	377.2	342.7	304.2	263.0	225.8	185.9	148.8
-47.5°	472.8	442.3	411.7	381.2	352.0	320.1	281.6	247.0	211.2	176.6	143.4
-50°	433.0	403.8	377.2	350.6	325.4	294.9	259.0	231.1	199.2	167.4	136.8
-52.5°	395.8	370.6	344.0	322.8	301.5	271.0	241.7	215.2	187.3	156.7	130.2
-55°	362.6	338.7	314.8	294.9	274.9	248.4	224.5	201.9	175.3	148.8	123.5
-57.5°	330.7	310.8	288.2	269.6	249.7	228.4	208.5	187.3	163.4	140.8	116.9
-60°	301.5	282.9	263.0	244.4	227.1	209.9	191.3	174.0	152.7	131.5	110.2
-62.5°	272.3	256.3	239.1	220.5	207.2	191.3	176.6	159.4	142.1	123.5	98.3
-65°	245.7	231.1	215.2	199.2	187.3	175.3	162.0	146.1	131.5	114.2	87.7
-67.5°	219.2	205.9	192.6	179.3	168.7	159.4	146.1	134.1	122.2	103.6	77.0
-70°	193.9	183.3	171.3	160.7	152.7	142.1	132.8	122.2	111.6	90.3	65.1
-72.5°	170.0	159.4	150.1	142.1	135.5	126.2	118.2	110.2	95.6	75.7	54.5
-75°	142.1	135.5	130.2	123.5	116.9	110.2	103.6	94.3	79.7	61.1	42.5
-77.5°	116.9	112.9	108.9	103.6	98.3	93.0	85.0	75.7	63.8	47.8	34.5
-80°	95.6	91.6	89.0	83.7	79.7	74.4	66.4	58.4	46.5	37.2	27.9
-82.5°	73.1	70.4	67.7	65.1	61.1	55.8	47.8	41.2	34.5	27.9	21.3
-85°	51.8	50.5	47.8	45.2	41.2	37.2	31.9	27.9	23.9	18.6	14.6
-87.5°	26.6	25.2	23.9	22.6	21.3	18.6	15.9	13.3	12.0	9.3	6.6
-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°	5.3	4.0	1.3	0.0
85°	10.6	6.6	2.7	0.0
82.5°	15.9	10.6	4.0	0.0
80°	21.3	13.3	6.6	0.0
77.5°	26.6	15.9	8.0	0.0
75°	31.9	19.9	9.3	0.0
72.5°	35.9	22.6	10.6	0.0
70°	42.5	26.6	12.0	0.0
67.5°	53.1	29.2	13.3	0.0
65°	62.4	31.9	14.6	0.0
62.5°	73.1	34.5	15.9	0.0
60°	82.3	37.2	17.3	0.0
57.5°	91.6	43.8	18.6	0.0
55°	99.6	49.1	19.9	0.0
52.5°	108.9	54.5	21.3	0.0
50°	116.9	59.8	22.6	0.0
47.5°	123.5	65.1	22.6	0.0
45°	128.8	69.1	23.9	0.0
42.5°	132.8	73.1	25.2	0.0
40°	136.8	77.0	26.6	0.0
37.5°	140.8	81.0	26.6	0.0
35°	144.8	85.0	27.9	0.0
32.5°	148.8	89.0	27.9	0.0
30°	151.4	91.6	29.2	0.0
27.5°	155.4	94.3	29.2	0.0
25°	156.7	97.0	30.5	0.0
22.5°	159.4	98.3	30.5	0.0
20°	162.0	100.9	30.5	0.0
17.5°	163.4	102.3	31.9	0.0
15°	163.4	103.6	33.2	0.0
12.5°	164.7	104.9	33.2	0.0
10°	164.7	107.6	31.9	0.0
7.5°	167.4	106.3	31.9	0.0
5°	166.0	106.3	31.9	0.0
2.5°	164.7	104.9	31.9	0.0
0°	163.4	104.9	31.9	0.0
-2.5°	163.4	104.9	31.9	0.0
-5°	163.4	104.9	31.9	0.0
-7.5°	162.0	106.3	31.9	0.0
-10°	159.4	106.3	31.9	0.0
-12.5°	158.1	102.3	31.9	0.0
-15°	156.7	100.9	31.9	0.0
-17.5°	154.1	99.6	30.5	0.0
-20°	151.4	98.3	30.5	0.0



REPORT NUMBER: P722293  
CATALOG NUMBER: IFLD-M-SA4A-935-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	148.8	95.6	30.5	0.0
-25°	146.1	93.0	29.2	0.0
-27.5°	143.4	90.3	29.2	0.0
-30°	139.5	87.7	27.9	0.0
-32.5°	135.5	85.0	27.9	0.0
-35°	132.8	81.0	26.6	0.0
-37.5°	128.8	77.0	26.6	0.0
-40°	124.9	73.1	25.2	0.0
-42.5°	120.9	69.1	23.9	0.0
-45°	115.6	65.1	23.9	0.0
-47.5°	111.6	61.1	22.6	0.0
-50°	104.9	55.8	21.3	0.0
-52.5°	97.0	50.5	19.9	0.0
-55°	89.0	46.5	18.6	0.0
-57.5°	81.0	41.2	18.6	0.0
-60°	73.1	35.9	17.3	0.0
-62.5°	65.1	33.2	15.9	0.0
-65°	57.1	30.5	14.6	0.0
-67.5°	47.8	26.6	13.3	0.0
-70°	39.8	23.9	12.0	0.0
-72.5°	34.5	21.3	10.6	0.0
-75°	29.2	18.6	9.3	0.0
-77.5°	25.2	15.9	8.0	0.0
-80°	19.9	12.0	5.3	0.0
-82.5°	14.6	9.3	4.0	0.0
-85°	9.3	6.6	2.7	0.0
-87.5°	5.3	2.7	1.3	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)