

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: LUMARK

Report Number: P1554975

Luminaire Tested: **AXCL10A-GRF**

Issue Date: 9/1/2026



Test Information

Test Method: LM-79-08
Report Number: P1554975
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-1709-271-3)
Test Lab: INNOVATION CENTER
Issue Date: 9/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: AXCL10A-GRF
Description: Axcent Wall Mount Luminaire , Full Cutoff, 4000K LEDs
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10838 lumens
Efficiency: N/A
Efficacy: 121.6 lumens/watt
Luminous Opening: Rectangular (W 0.75' x L: 0.29' x H: 0')
IES Classification: Type II - Short
BUG Rating: B3 - U2 - G2

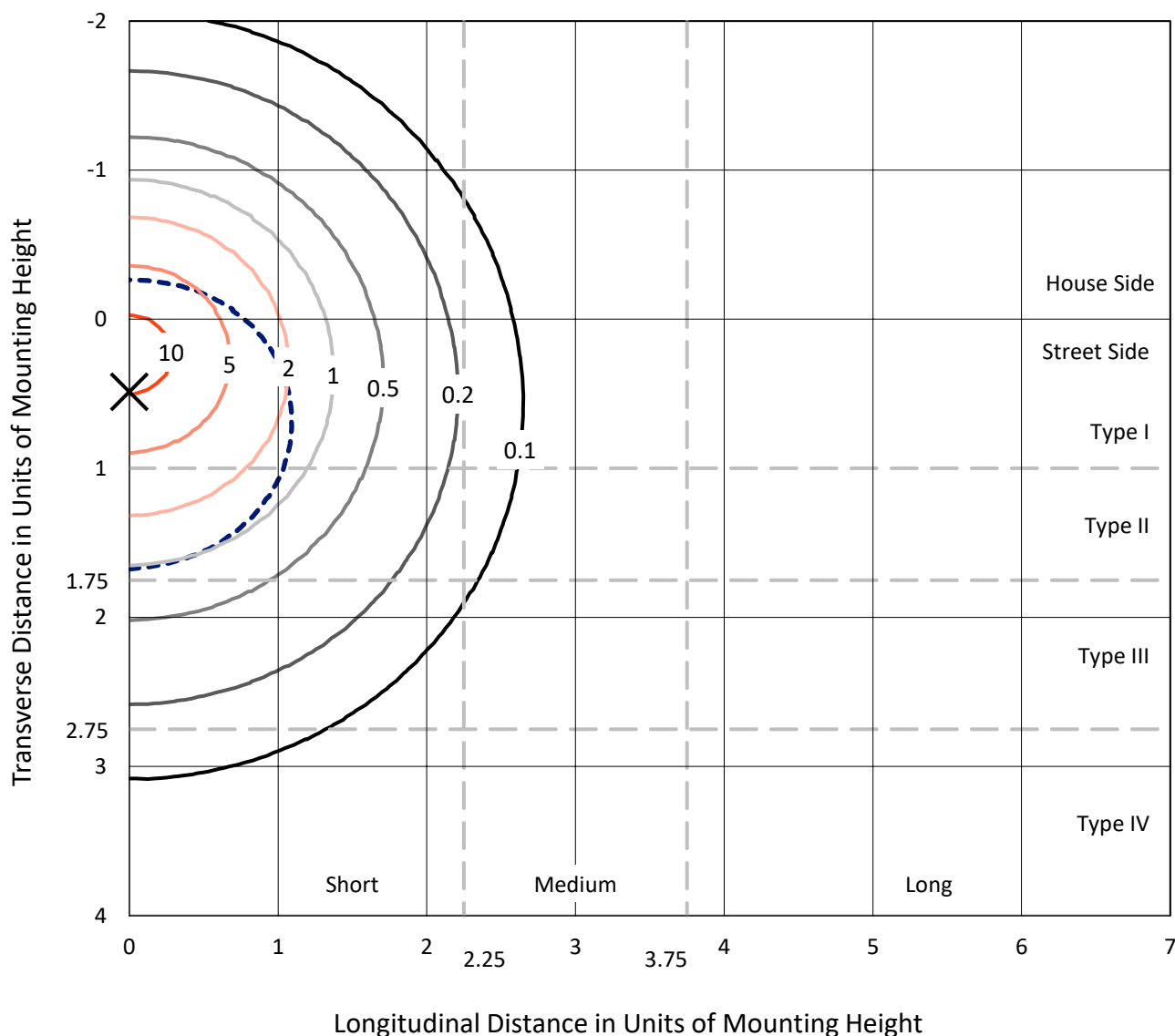
Input Watts (W): 89.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

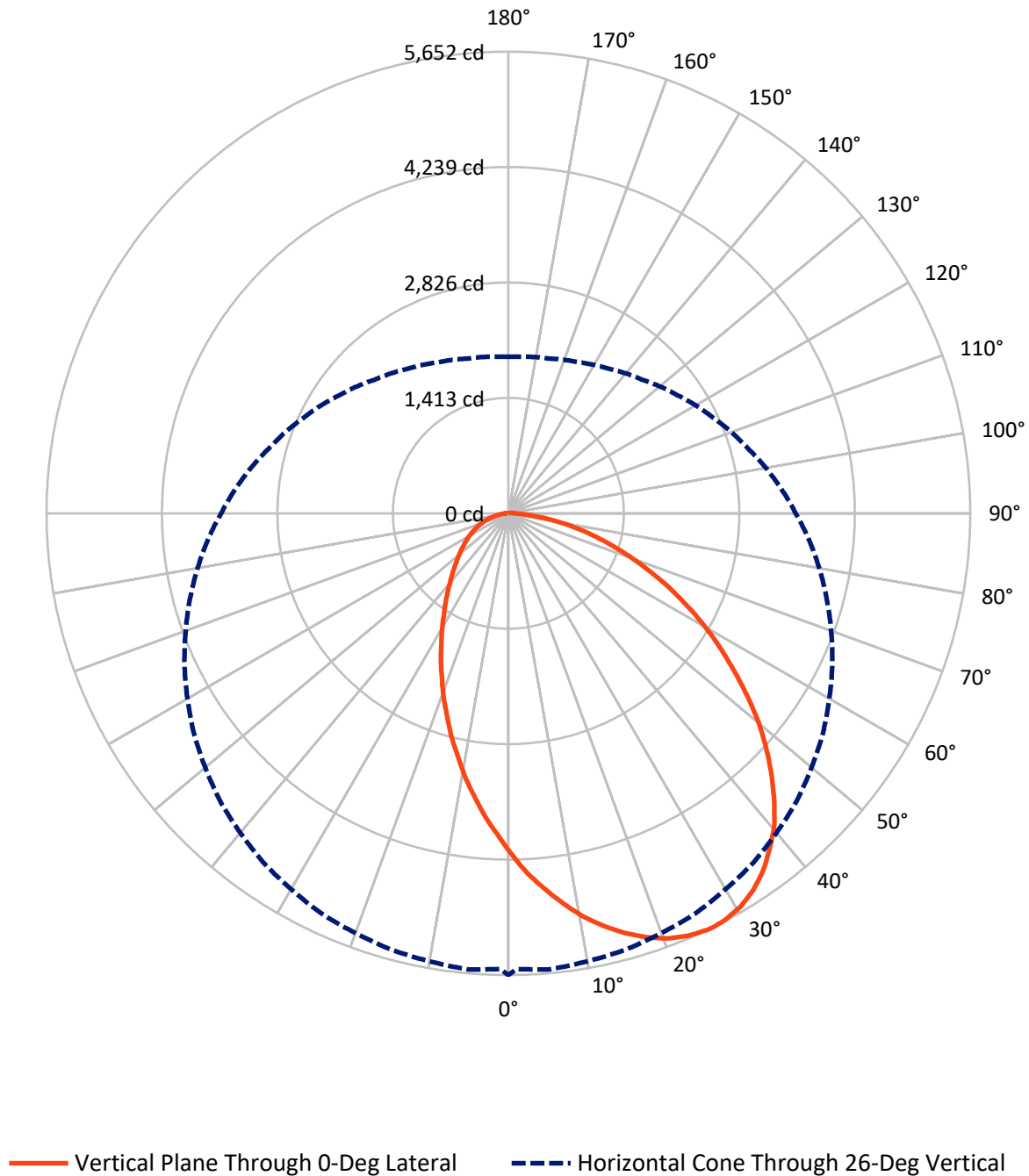
--- 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 12 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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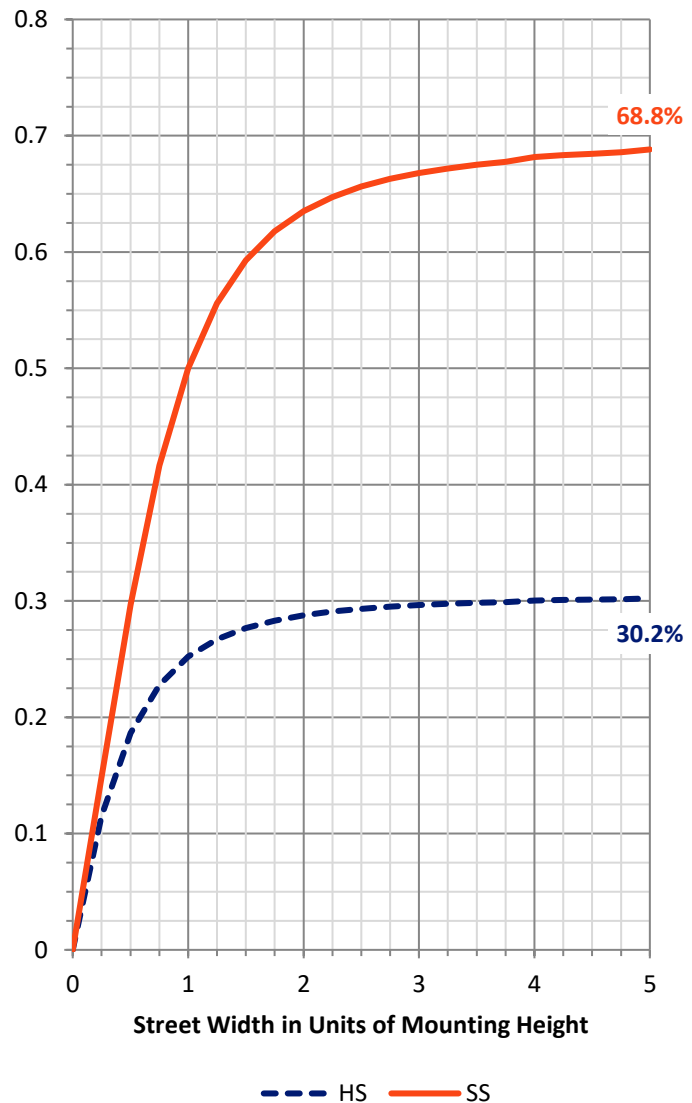
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3311.4	5.7	3317.1
	% Fixture	30.6	0.1	30.6
Street Side	Lumens	7501.5	19.4	7520.9
	% Fixture	69.2	0.2	69.4
Total	Lumens	10812.9	25.1	10838.0
	% Fixture	99.8	0.2	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	394.2	3.6
10°-20°	1128.7	10.4
20°-30°	1696.8	15.7
30°-40°	1990.4	18.4
40°-50°	1959.0	18.1
50°-60°	1654.0	15.3
60°-70°	1180.4	10.9
70°-80°	639.9	5.9
80°-90°	169.7	1.6
90°-100°	25.1	0.2
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	10812.9	99.8
0°-180°	10838.0	100.0



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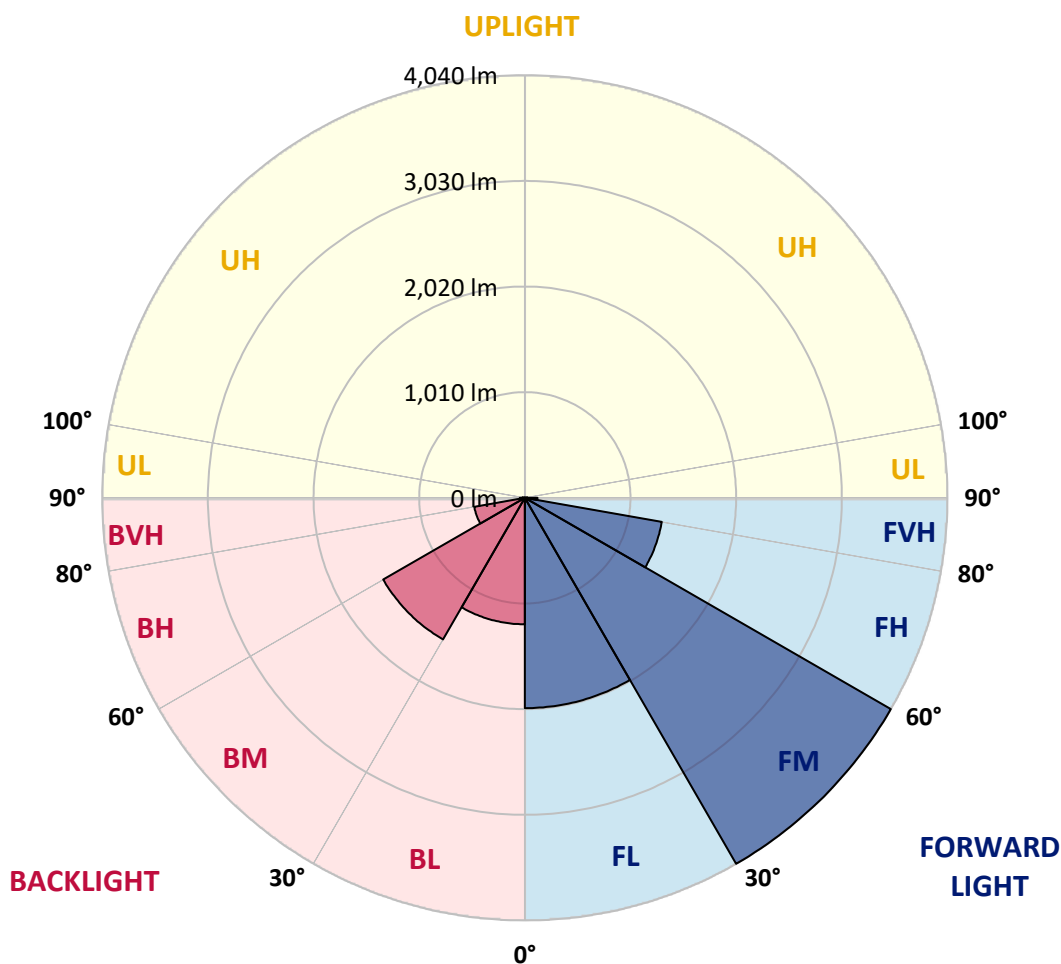
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2010.6	18.6			
FM	(30°-60°)	4040.0	37.3			
FH	(60°-80°)	1329.4	12.3			G1/1800
FVH	(80°-90°)	121.5	1.1			G2/225
BL	(0°-30°)	1209.0	11.2	B3/2500		
BM	(30°-60°)	1563.4	14.4	B2/2500		
BH	(60°-80°)	490.8	4.5	B1/500		G1/500
BVH	(80°-90°)	48.2	0.4			G1/100
UL	(90°-100°)	25.1	0.2		U2/50	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U2-G2

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	4167.2	4167.2	4167.2	4167.2	4167.2	4167.2	4167.2	4167.2	4167.2	4167.2	4167.2
2.5°	4411.5	4369.3	4391.2	4386.7	4363.3	4349.0	4327.1	4290.9	4260.0	4219.3	4180.8
5°	4616.6	4574.4	4595.5	4581.2	4554.8	4509.6	4461.3	4401.0	4336.1	4257.0	4182.3
7.5°	4822.5	4772.7	4792.3	4770.4	4725.9	4670.2	4594.0	4494.5	4398.7	4284.1	4171.8
10°	5017.7	4955.9	4977.8	4946.1	4887.3	4804.4	4706.3	4581.2	4447.0	4298.4	4149.2
12.5°	5184.4	5118.8	5149.7	5106.0	5035.8	4929.5	4808.9	4653.6	4483.9	4300.0	4113.0
15°	5329.9	5269.6	5294.5	5246.2	5164.0	5042.6	4890.3	4708.6	4502.8	4287.1	4064.0
17.5°	5455.0	5395.5	5422.6	5363.1	5269.6	5127.8	4952.9	4739.5	4507.3	4257.0	4002.1
20°	5556.1	5485.2	5513.1	5449.8	5346.5	5188.1	4995.1	4754.6	4490.7	4211.0	3926.0
22.5°	5617.2	5549.3	5575.7	5508.6	5393.2	5222.8	5009.4	4747.8	4457.5	4148.4	3834.0
25°	5650.3	5577.9	5602.8	5530.4	5408.3	5228.9	4998.1	4715.4	4404.0	4072.2	3737.5
26°	5651.8	5577.9	5605.1	5531.2	5406.8	5222.1	4986.1	4697.3	4373.1	4032.3	3690.7
27.5°	5640.5	5567.4	5593.0	5518.4	5391.7	5201.7	4958.9	4663.4	4324.8	3970.5	3614.6
30°	5590.0	5519.9	5544.0	5470.1	5337.4	5143.7	4890.3	4578.9	4228.3	3856.6	3487.9
32.5°	5499.5	5427.2	5451.3	5380.4	5247.7	5044.1	4791.5	4467.3	4109.9	3726.9	3342.4
35°	5369.8	5302.7	5329.9	5253.0	5115.8	4917.5	4661.1	4335.4	3970.5	3581.4	3190.1
37.5°	5197.9	5133.9	5160.2	5085.6	4960.4	4759.9	4501.3	4173.3	3809.1	3418.5	3031.0
40°	5012.5	4940.1	4959.7	4883.5	4767.4	4563.1	4319.6	3996.9	3628.2	3247.4	2855.3
42.5°	4765.2	4708.6	4733.5	4666.4	4540.5	4347.5	4109.9	3794.0	3444.2	3060.4	2683.4
45°	4504.3	4452.3	4477.1	4412.3	4300.0	4125.0	3883.0	3582.2	3238.3	2871.9	2507.7
47.5°	4229.8	4183.8	4194.4	4142.4	4024.7	3863.4	3637.2	3348.4	3022.0	2675.9	2330.6
50°	3942.6	3894.3	3901.8	3860.4	3753.3	3604.0	3383.9	3122.2	2809.3	2486.6	2145.8
52.5°	3627.4	3595.0	3614.6	3561.0	3460.8	3322.8	3127.5	2875.7	2585.4	2280.8	1974.7
55°	3313.0	3295.6	3308.5	3263.2	3175.8	3043.8	2870.4	2638.2	2375.8	2084.0	1801.3
57.5°	3020.4	2986.5	3005.4	2969.9	2887.0	2766.4	2607.3	2391.6	2148.8	1889.5	1634.6
60°	2721.1	2703.8	2709.1	2662.3	2602.0	2491.2	2343.4	2156.4	1929.4	1706.3	1461.2
62.5°	2418.8	2393.9	2409.0	2372.0	2306.4	2215.9	2093.8	1920.4	1725.1	1514.7	1306.6
65°	2127.7	2108.9	2112.7	2083.2	2047.1	1953.6	1835.9	1688.9	1514.7	1331.5	1146.8
67.5°	1836.7	1848.0	1832.9	1806.5	1768.1	1695.7	1593.9	1462.7	1316.4	1158.9	991.5
70°	1563.8	1569.8	1563.8	1545.7	1506.5	1458.2	1360.9	1258.4	1123.4	981.7	849.7
72.5°	1301.4	1318.0	1311.9	1295.3	1259.9	1204.1	1131.7	1045.8	938.0	818.1	708.7
75°	1060.9	1059.3	1072.9	1047.3	1023.2	971.1	916.8	840.7	757.0	665.8	565.5
77.5°	828.6	830.9	822.6	815.1	793.9	764.5	722.3	653.7	588.9	512.0	435.8
80°	599.4	611.5	610.0	598.7	585.8	559.5	528.5	482.5	425.2	371.0	315.9
82.5°	404.9	424.5	411.7	407.9	398.9	376.2	353.6	319.7	288.0	249.6	205.8
85°	236.7	258.6	248.1	246.6	240.5	221.7	207.3	187.0	159.8	136.5	111.6
87.5°	111.6	138.0	128.9	123.7	117.6	109.3	98.8	87.5	71.6	55.8	40.0
90°	58.8	85.2	73.1	70.1	65.6	58.8	49.0	38.5	27.1	16.6	6.8
92.5°	55.8	82.2	69.4	67.1	61.8	54.3	44.5	33.9	22.6	12.1	3.8
95°	54.3	79.9	67.9	65.6	60.3	52.0	43.0	32.4	21.1	11.3	3.0
97.5°	52.0	76.9	65.6	62.6	58.1	50.5	40.7	30.2	19.6	9.0	3.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	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):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4167.2	4167.2	4167.2	4167.2	4167.2	4167.2	4167.2	4167.2	4167.2	4167.2	4167.2
2.5°	4160.5	4143.9	4106.2	4067.0	4035.3	3997.6	3980.3	3955.4	3944.8	3936.5	3928.2
5°	4140.9	4106.2	4033.0	3955.4	3892.8	3828.7	3792.5	3746.5	3722.4	3702.0	3712.6
7.5°	4113.0	4055.7	3944.8	3842.3	3742.0	3652.3	3589.7	3538.4	3501.5	3471.3	3473.6
10°	4072.2	3998.4	3854.3	3717.1	3584.4	3476.6	3397.4	3328.8	3270.0	3254.9	3251.9
12.5°	4018.0	3928.2	3748.0	3579.1	3428.3	3301.7	3193.1	3107.9	3050.6	3023.5	3012.9
15°	3951.6	3843.8	3634.9	3440.4	3264.0	3111.7	2993.3	2899.1	2843.3	2799.5	2802.5
17.5°	3872.4	3751.1	3509.0	3291.9	3098.9	2930.0	2794.3	2700.8	2618.6	2583.1	2576.4
20°	3782.7	3647.8	3383.9	3143.3	2926.2	2748.3	2600.5	2492.7	2412.7	2380.3	2378.1
22.5°	3680.2	3535.4	3245.9	2984.3	2759.6	2561.3	2412.7	2292.9	2219.7	2176.0	2171.5
25°	3566.3	3407.2	3098.9	2825.2	2586.2	2387.1	2230.3	2109.6	2029.7	1995.0	1989.8
26°	3515.1	3356.7	3041.6	2766.4	2522.1	2313.2	2157.9	2038.8	1959.6	1923.4	1916.6
27.5°	3441.2	3268.5	2950.3	2666.8	2417.3	2220.5	2056.1	1940.7	1849.5	1811.1	1805.0
30°	3300.2	3129.0	2795.0	2505.5	2256.7	2053.1	1890.2	1771.1	1694.2	1652.7	1652.0
32.5°	3151.6	2972.9	2641.9	2344.1	2094.6	1888.7	1734.9	1619.6	1542.6	1501.9	1495.9
35°	3000.1	2816.9	2488.1	2190.3	1945.3	1744.0	1590.1	1478.6	1406.2	1364.7	1365.5
37.5°	2832.7	2655.5	2323.8	2035.0	1799.0	1609.0	1458.2	1349.6	1284.0	1245.6	1243.3
40°	2663.8	2491.9	2168.4	1891.7	1659.5	1475.5	1333.8	1234.3	1170.9	1135.5	1131.0
42.5°	2500.2	2325.3	2011.6	1746.2	1528.3	1354.1	1219.2	1131.7	1068.4	1041.2	1036.0
45°	2331.3	2167.7	1857.8	1609.7	1399.4	1243.3	1118.9	1035.2	977.9	951.5	948.5
47.5°	2154.9	1999.6	1722.1	1481.6	1287.8	1137.8	1025.4	950.0	898.7	872.4	867.8
50°	1989.0	1846.5	1575.1	1358.7	1178.5	1044.3	944.0	872.4	823.3	800.7	797.0
52.5°	1828.4	1686.7	1440.9	1242.6	1078.2	953.8	863.3	797.0	755.5	735.1	735.1
55°	1665.5	1535.9	1311.9	1131.0	983.9	868.6	790.9	730.6	692.9	674.8	671.0
57.5°	1505.7	1389.6	1188.3	1023.2	893.5	791.7	719.3	668.8	635.6	616.8	614.5
60°	1350.4	1250.1	1066.9	919.1	806.0	717.8	652.9	607.0	576.8	562.5	562.5
62.5°	1205.6	1110.6	950.0	824.9	720.1	646.2	588.1	547.4	521.8	511.2	507.4
65°	1056.3	976.4	842.2	725.3	639.4	574.5	526.3	491.6	469.0	458.4	454.7
67.5°	918.3	851.2	732.9	634.1	561.0	504.4	462.9	435.0	413.9	404.1	405.6
70°	779.6	725.3	623.5	546.6	485.6	434.3	402.6	378.5	363.4	352.1	355.1
72.5°	652.2	600.9	521.8	454.7	404.9	369.5	341.6	321.2	308.4	301.6	303.9
75°	521.8	484.8	423.7	371.0	332.5	305.4	279.7	265.4	255.6	251.8	250.3
77.5°	405.6	374.0	329.5	290.3	261.6	240.5	222.4	213.4	203.6	201.3	201.3
80°	290.3	270.7	236.0	212.6	190.8	177.2	168.1	159.8	156.8	154.6	153.8
82.5°	191.5	174.9	156.8	141.7	130.4	122.1	115.4	113.9	110.1	109.3	110.1
85°	100.3	94.2	85.2	78.4	77.7	73.9	73.1	73.9	73.1	72.4	72.4
87.5°	36.2	33.2	33.2	33.9	36.2	38.5	39.2	42.2	43.7	45.2	46.0
90°	5.3	6.0	8.3	12.1	17.3	21.9	26.4	29.4	31.7	33.2	33.9
92.5°	3.0	3.0	3.8	6.0	11.3	17.3	21.9	25.6	28.7	30.2	30.2
95°	3.0	3.0	3.0	3.0	3.8	6.8	10.6	15.1	18.8	21.9	21.9
97.5°	3.0	3.0	3.0	2.3	2.3	2.3	3.0	6.8	11.3	14.3	15.1
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1554975
 CATALOG NUMBER: AXCL10A-GRF

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)