

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: P1554973

Luminaire Tested: **AXCL10A-C-GRF**

Issue Date: 9/1/2026

Test Information

Test Method: LM-79-08
Report Number: P1554973
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-C-GRF
Description: Axcent Wall Mount Luminaire , Full Cutoff, 5000K LEDs
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11644 lumens
Efficiency: N/A
Efficacy: 130.7 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

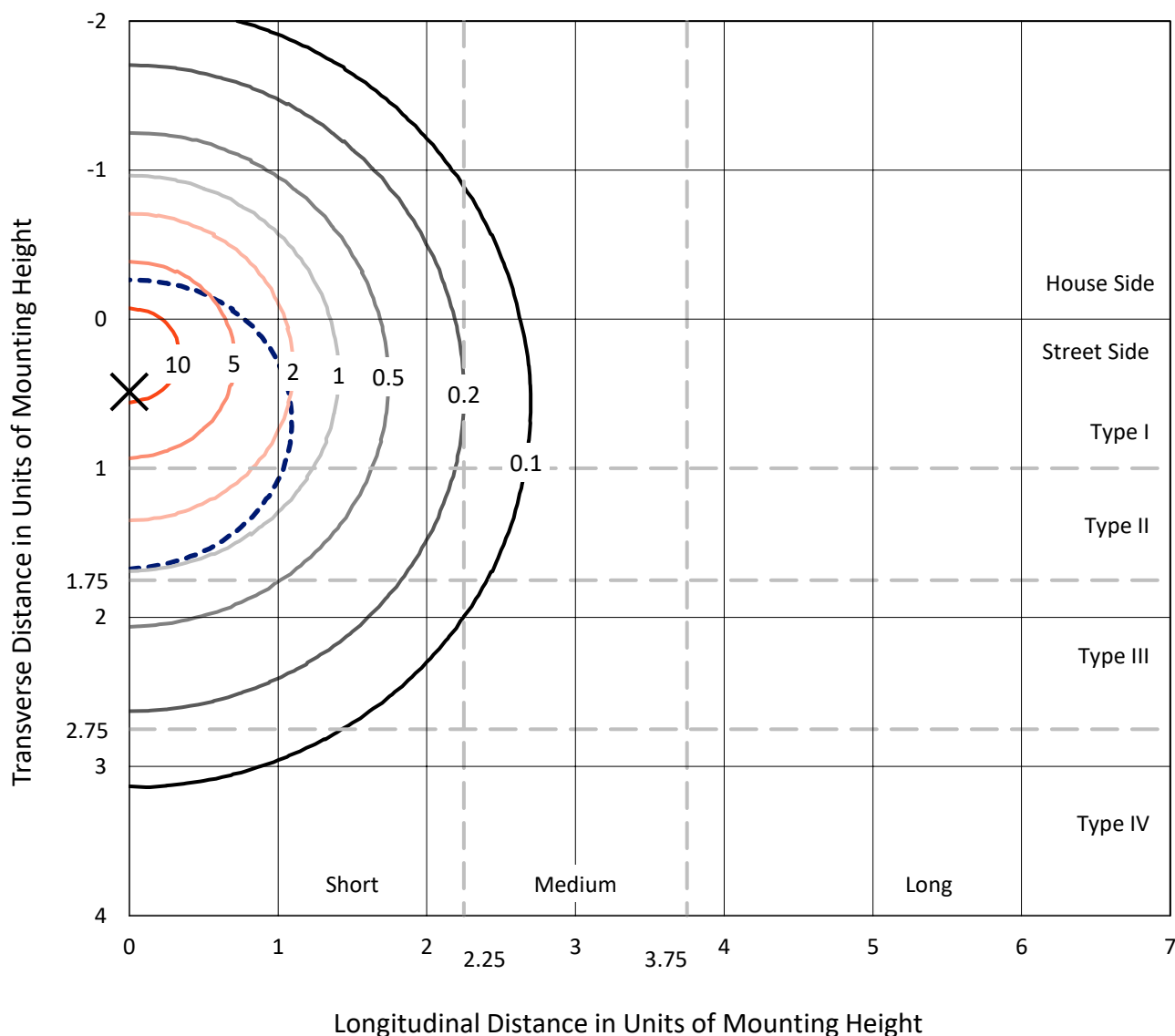
Input Watts (W): 89.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

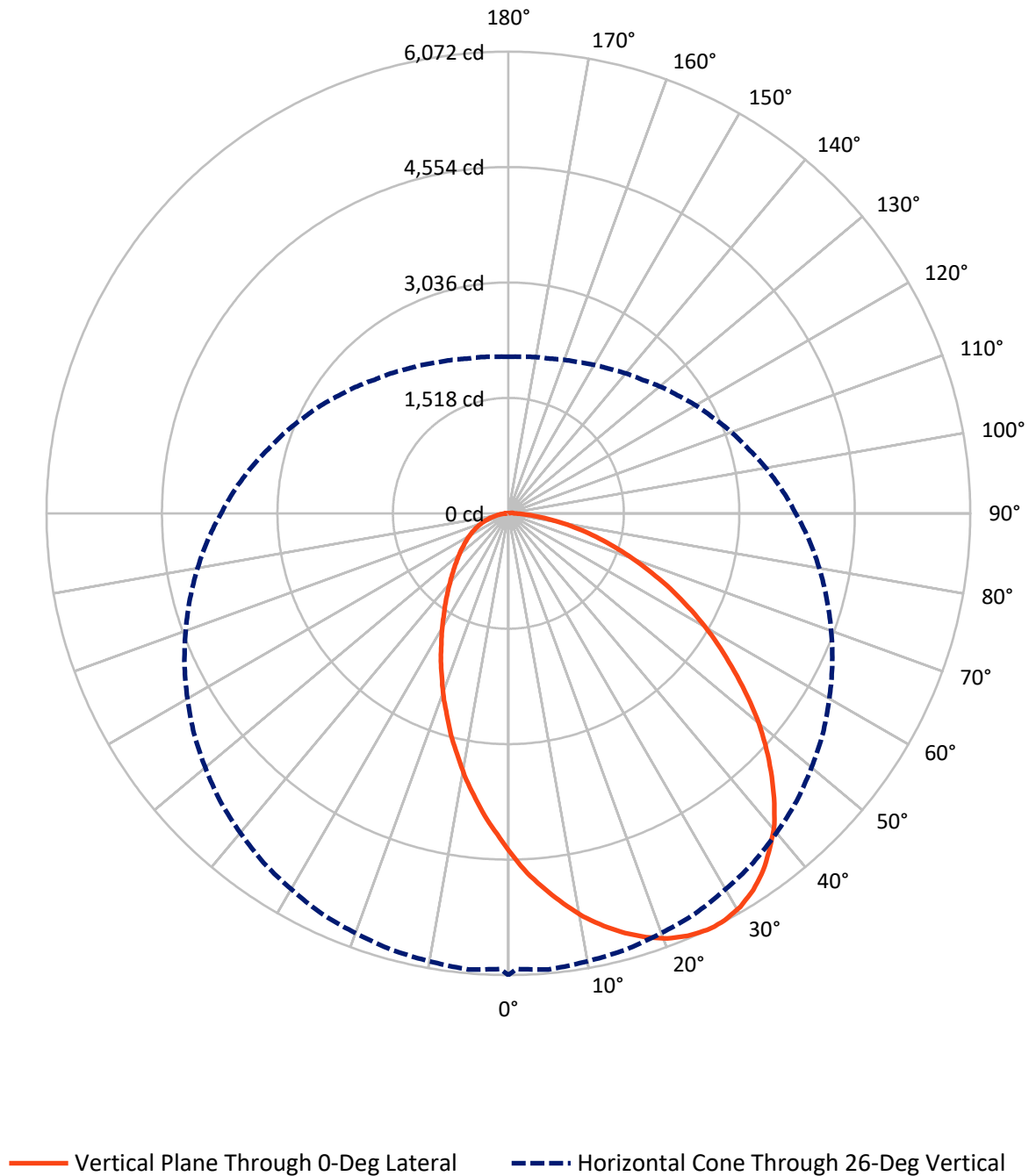


Based on 20 foot mounting height. Maximum calculated value = 12.9 fc

Type II - Short - N/A

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Luminous Intensity Polar Plot



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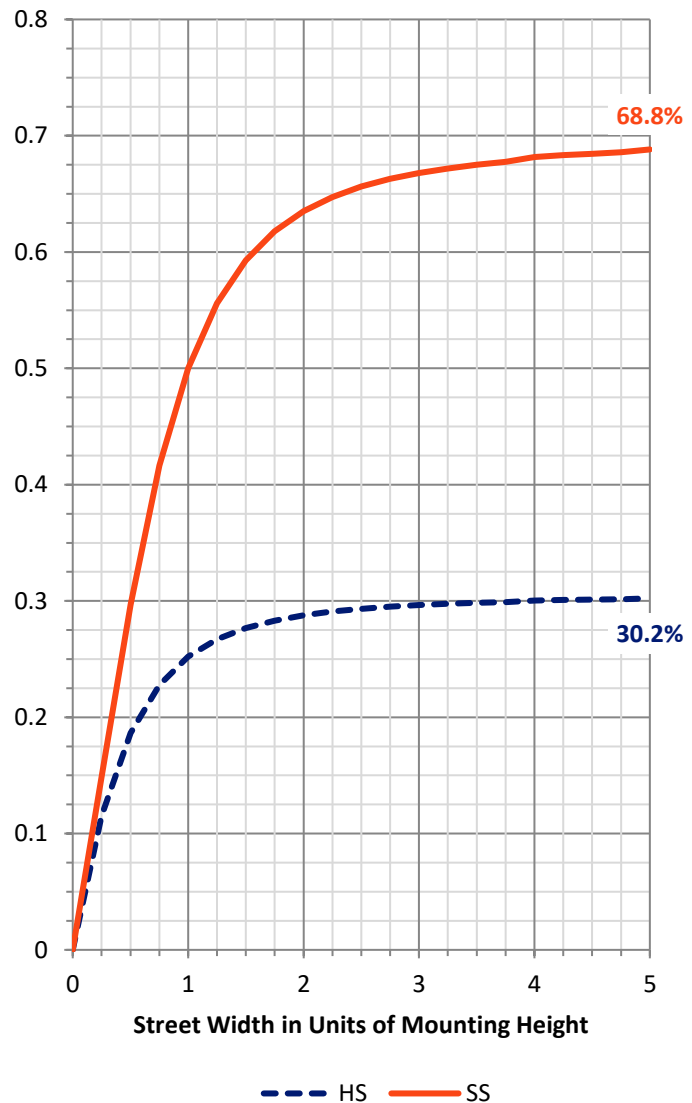
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3557.7	6.1	3563.8
	% Fixture	30.6	0.1	30.6
Street Side	Lumens	8059.4	20.8	8080.2
	% Fixture	69.2	0.2	69.4
Total	Lumens	11617.1	26.9	11644.0
	% Fixture	99.8	0.2	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	423.5	3.6
10°-20°	1212.6	10.4
20°-30°	1823.0	15.7
30°-40°	2138.4	18.4
40°-50°	2104.6	18.1
50°-60°	1777.0	15.3
60°-70°	1268.2	10.9
70°-80°	687.4	5.9
80°-90°	182.4	1.6
90°-100°	26.9	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°	11617.1	99.8
0°-180°	11644.0	100.0

Coefficient of Utilization



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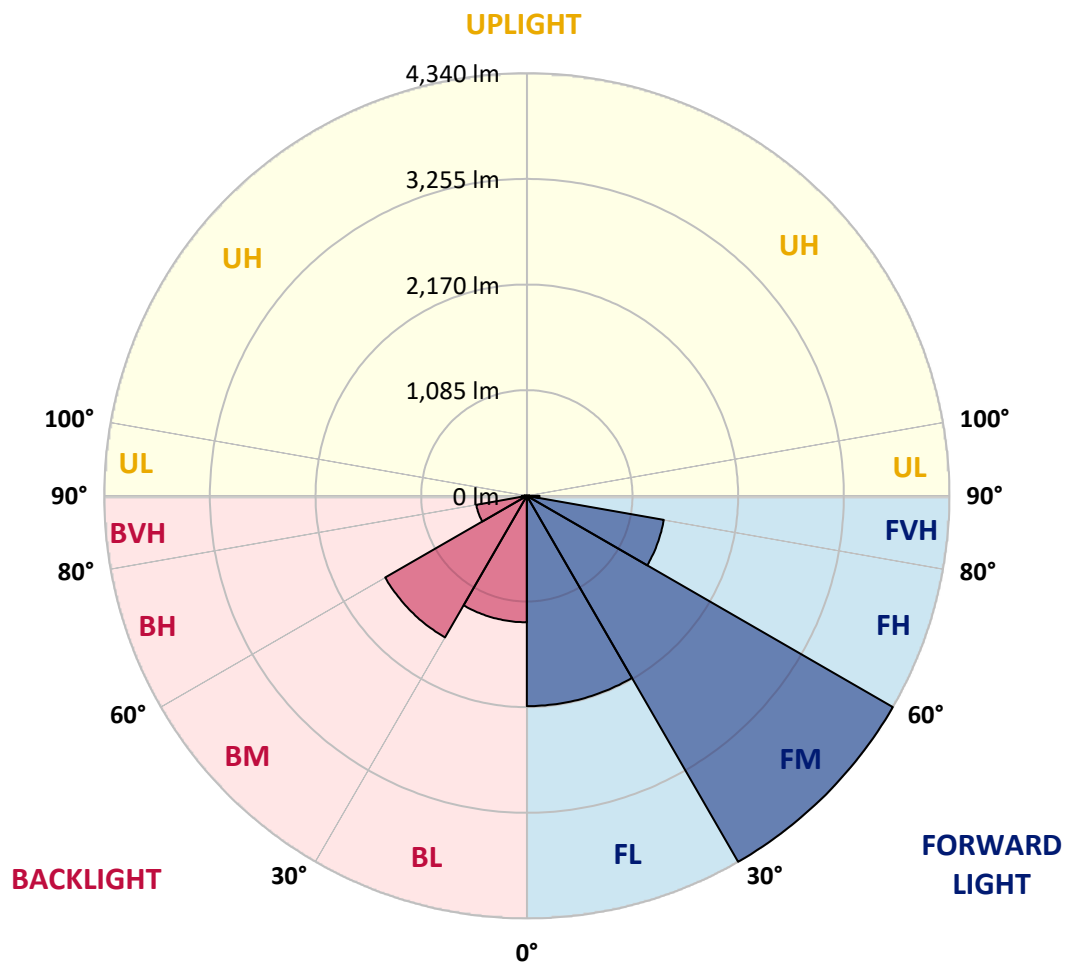
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2160.1	18.6			
FM	(30°-60°)	4340.4	37.3			
FH	(60°-80°)	1428.3	12.3			G1/1800
FVH	(80°-90°)	130.6	1.1			G2/225
BL	(0°-30°)	1298.9	11.2	B3/2500		
BM	(30°-60°)	1679.6	14.4	B2/2500		
BH	(60°-80°)	527.3	4.5	B2/1000		G2/1000
BVH	(80°-90°)	51.8	0.4			G1/100
UL	(90°-100°)	26.9	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°	4477.2	4477.2	4477.2	4477.2	4477.2	4477.2	4477.2	4477.2	4477.2	4477.2	4477.2
2.5°	4739.6	4694.3	4717.7	4712.9	4687.8	4672.4	4648.9	4610.0	4576.8	4533.1	4491.7
5°	4960.0	4914.6	4937.3	4921.9	4893.5	4844.9	4793.1	4728.3	4658.6	4573.6	4493.4
7.5°	5181.1	5127.6	5148.7	5125.2	5077.4	5017.5	4935.6	4828.7	4725.8	4602.7	4482.0
10°	5390.9	5324.5	5348.0	5313.9	5250.8	5161.7	5056.3	4921.9	4777.7	4618.1	4457.7
12.5°	5569.9	5499.4	5532.7	5485.7	5410.3	5296.1	5166.5	4999.6	4817.4	4619.7	4418.8
15°	5726.3	5661.5	5688.2	5636.3	5548.0	5417.6	5254.0	5058.8	4837.6	4606.0	4366.2
17.5°	5860.7	5796.7	5825.9	5761.9	5661.5	5509.2	5321.2	5092.0	4842.5	4573.6	4299.8
20°	5969.3	5893.1	5923.1	5855.1	5744.1	5574.0	5366.6	5108.2	4824.7	4524.1	4217.9
22.5°	6034.9	5962.0	5990.3	5918.2	5794.3	5611.2	5382.0	5100.9	4789.0	4456.9	4119.1
25°	6070.5	5992.8	6019.5	5941.7	5810.5	5617.7	5369.8	5066.1	4731.5	4375.1	4015.4
26°	6072.2	5992.8	6021.9	5942.5	5808.9	5610.4	5356.9	5046.6	4698.3	4332.2	3965.2
27.5°	6060.0	5981.4	6009.0	5928.8	5792.7	5588.6	5327.7	5010.2	4646.5	4265.7	3883.4
30°	6005.7	5930.4	5956.3	5876.9	5734.4	5526.2	5254.0	4919.4	4542.8	4143.4	3747.3
32.5°	5908.5	5830.8	5856.7	5780.5	5638.0	5419.3	5147.9	4799.6	4415.6	4004.1	3591.0
35°	5769.2	5697.1	5726.3	5643.6	5496.2	5283.2	5007.7	4657.8	4265.7	3847.7	3427.3
37.5°	5584.5	5515.6	5544.0	5463.8	5329.3	5113.9	4836.0	4483.6	4092.4	3672.8	3256.4
40°	5385.2	5307.5	5328.5	5246.7	5122.0	4902.4	4640.8	4294.1	3898.0	3488.9	3067.7
42.5°	5119.5	5058.8	5085.5	5013.4	4878.1	4670.8	4415.6	4076.2	3700.3	3288.0	2883.0
45°	4839.3	4783.4	4810.1	4740.4	4619.7	4431.8	4171.8	3848.6	3479.2	3085.5	2694.2
47.5°	4544.4	4495.0	4506.3	4450.4	4324.1	4150.7	3907.7	3597.4	3246.7	2874.9	2503.9
50°	4235.8	4183.9	4192.0	4147.5	4032.4	3872.1	3635.5	3354.4	3018.3	2671.6	2305.4
52.5°	3897.2	3862.3	3883.4	3825.9	3718.1	3569.9	3360.1	3089.5	2777.7	2450.4	2121.5
55°	3559.4	3540.7	3554.5	3505.9	3411.9	3270.2	3083.9	2834.4	2552.5	2239.0	1935.2
57.5°	3245.1	3208.6	3228.9	3190.8	3101.7	2972.1	2801.2	2569.5	2308.6	2030.0	1756.2
60°	2923.5	2904.8	2910.5	2860.3	2795.5	2676.4	2517.6	2316.8	2072.9	1833.1	1569.9
62.5°	2598.6	2571.9	2588.1	2548.4	2478.0	2380.7	2249.5	2063.2	1853.4	1627.4	1403.8
65°	2286.0	2265.7	2269.8	2238.2	2199.3	2098.8	1972.5	1814.5	1627.4	1430.6	1232.1
67.5°	1973.3	1985.4	1969.2	1940.9	1899.6	1821.8	1712.5	1571.5	1414.4	1245.1	1065.2
70°	1680.0	1686.5	1680.0	1660.6	1618.5	1566.6	1462.1	1352.0	1207.0	1054.7	912.9
72.5°	1398.2	1416.0	1409.5	1391.7	1353.6	1293.7	1215.9	1123.5	1007.7	878.9	761.4
75°	1139.7	1138.1	1152.7	1125.2	1099.2	1043.3	985.0	903.2	813.3	715.3	607.5
77.5°	890.2	892.7	883.8	875.7	853.0	821.4	776.0	702.3	632.7	550.0	468.2
80°	644.0	657.0	655.3	643.2	629.4	601.1	567.8	518.4	456.9	398.5	339.4
82.5°	435.0	456.1	442.3	438.2	428.5	404.2	379.9	343.5	309.4	268.1	221.1
85°	254.4	277.8	266.5	264.9	258.4	238.2	222.8	200.9	171.7	146.6	119.9
87.5°	119.9	148.2	138.5	132.8	126.4	117.5	106.1	94.0	77.0	59.9	42.9
90°	63.2	91.5	78.6	75.3	70.5	63.2	52.7	41.3	29.2	17.8	7.3
92.5°	59.9	88.3	74.5	72.1	66.4	58.3	47.8	36.5	24.3	13.0	4.1
95°	58.3	85.9	72.9	70.5	64.8	55.9	46.2	34.8	22.7	12.2	3.2
97.5°	55.9	82.6	70.5	67.2	62.4	54.3	43.7	32.4	21.1	9.7	3.2
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°	4477.2	4477.2	4477.2	4477.2	4477.2	4477.2	4477.2	4477.2	4477.2	4477.2	4477.2
2.5°	4469.9	4452.0	4411.5	4369.4	4335.4	4294.9	4276.3	4249.5	4238.2	4229.3	4220.4
5°	4448.8	4411.5	4333.0	4249.5	4182.3	4113.4	4074.6	4025.2	3999.2	3977.4	3988.7
7.5°	4418.8	4357.3	4238.2	4128.0	4020.3	3923.9	3856.7	3801.6	3761.9	3729.5	3731.9
10°	4375.1	4295.7	4141.0	3993.6	3851.0	3735.2	3650.1	3576.4	3513.2	3497.0	3493.8
12.5°	4316.8	4220.4	4026.8	3845.3	3683.3	3547.2	3430.6	3339.0	3277.5	3248.3	3237.0
15°	4245.5	4129.6	3905.3	3696.3	3506.7	3343.1	3215.9	3114.7	3054.7	3007.7	3011.0
17.5°	4160.4	4030.0	3770.0	3536.7	3329.3	3147.9	3002.1	2901.6	2813.3	2775.2	2767.9
20°	4064.0	3919.0	3635.5	3377.1	3143.8	2952.6	2793.9	2678.0	2592.2	2557.3	2554.9
22.5°	3953.9	3798.3	3487.3	3206.2	2964.8	2751.7	2592.2	2463.4	2384.8	2337.8	2333.0
25°	3831.5	3660.6	3329.3	3035.3	2778.5	2564.6	2396.1	2266.5	2180.7	2143.4	2137.7
26°	3776.5	3606.4	3267.8	2972.1	2709.6	2485.2	2318.4	2190.4	2105.3	2066.4	2059.2
27.5°	3697.1	3511.6	3169.7	2865.2	2597.0	2385.6	2209.0	2085.1	1987.1	1945.7	1939.3
30°	3545.6	3361.7	3002.9	2691.8	2424.5	2205.8	2030.8	1902.8	1820.2	1775.6	1774.8
32.5°	3386.0	3194.0	2838.4	2518.5	2250.3	2029.2	1863.9	1740.0	1657.4	1613.6	1607.1
35°	3223.2	3026.4	2673.2	2353.2	2089.9	1873.7	1708.4	1588.5	1510.7	1466.2	1467.0
37.5°	3043.4	2853.0	2496.6	2186.3	1932.8	1728.7	1566.6	1450.0	1379.5	1338.2	1335.8
40°	2861.9	2677.2	2329.7	2032.4	1782.9	1585.3	1433.0	1326.1	1258.0	1219.9	1215.1
42.5°	2686.1	2498.2	2161.2	1876.1	1642.0	1454.9	1309.9	1215.9	1147.8	1118.7	1113.0
45°	2504.7	2328.9	1996.0	1729.5	1503.5	1335.8	1202.1	1112.2	1050.6	1022.3	1019.0
47.5°	2315.1	2148.3	1850.2	1591.8	1383.6	1222.4	1101.7	1020.7	965.6	937.2	932.4
50°	2136.9	1983.8	1692.2	1459.7	1266.1	1121.9	1014.2	937.2	884.6	860.3	856.2
52.5°	1964.4	1812.1	1548.0	1335.0	1158.4	1024.7	927.5	856.2	811.7	789.8	789.8
55°	1789.4	1650.1	1409.5	1215.1	1057.1	933.2	849.7	784.9	744.4	725.0	720.9
57.5°	1617.7	1492.9	1276.6	1099.2	959.9	850.6	772.8	718.5	682.9	662.6	660.2
60°	1450.8	1343.1	1146.2	987.5	865.9	771.2	701.5	652.1	619.7	604.3	604.3
62.5°	1295.3	1193.2	1020.7	886.2	773.6	694.2	631.8	588.1	560.6	549.2	545.2
65°	1134.9	1049.0	904.8	779.3	686.9	617.3	565.4	528.2	503.9	492.5	488.5
67.5°	986.6	914.5	787.4	681.3	602.7	541.9	497.4	467.4	444.7	434.2	435.8
70°	837.6	779.3	669.9	587.3	521.7	466.6	432.6	406.6	390.4	378.3	381.5
72.5°	700.7	645.6	560.6	488.5	435.0	396.9	367.0	345.1	331.3	324.0	326.5
75°	560.6	520.9	455.2	398.5	357.2	328.1	300.5	285.1	274.6	270.6	268.9
77.5°	435.8	401.8	354.0	311.9	281.1	258.4	239.0	229.2	218.7	216.3	216.3
80°	311.9	290.8	253.5	228.4	204.9	190.4	180.6	171.7	168.5	166.1	165.3
82.5°	205.8	187.9	168.5	152.3	140.1	131.2	123.9	122.3	118.3	117.5	118.3
85°	107.7	101.3	91.5	84.2	83.4	79.4	78.6	79.4	78.6	77.8	77.8
87.5°	38.9	35.6	35.6	36.5	38.9	41.3	42.1	45.4	47.0	48.6	49.4
90°	5.7	6.5	8.9	13.0	18.6	23.5	28.4	31.6	34.0	35.6	36.5
92.5°	3.2	3.2	4.1	6.5	12.2	18.6	23.5	27.5	30.8	32.4	32.4
95°	3.2	3.2	3.2	3.2	4.1	7.3	11.3	16.2	20.3	23.5	23.5
97.5°	3.2	3.2	3.2	2.4	2.4	2.4	3.2	7.3	12.2	15.4	16.2
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: P1554973
 CATALOG NUMBER: AXCL10A-C-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)