

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: P1554991

Luminaire Tested: **AXCL6A-C-GRF**

Issue Date: 9/1/2026



Test Information

Test Method: LM-79-08
Report Number: P1554991
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: AXCL6A-C-GRF
Description: Axcent Wall Mount Luminaire , Full Cutoff, 5000K LEDs
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6654 lumens
Efficiency: N/A
Efficacy: 134.7 lumens/watt
Luminous Opening: Rectangular (W 0.75' x L: 0.29' x H: 0')
IES Classification: Type II - Short
BUG Rating: B2 - U2 - G1

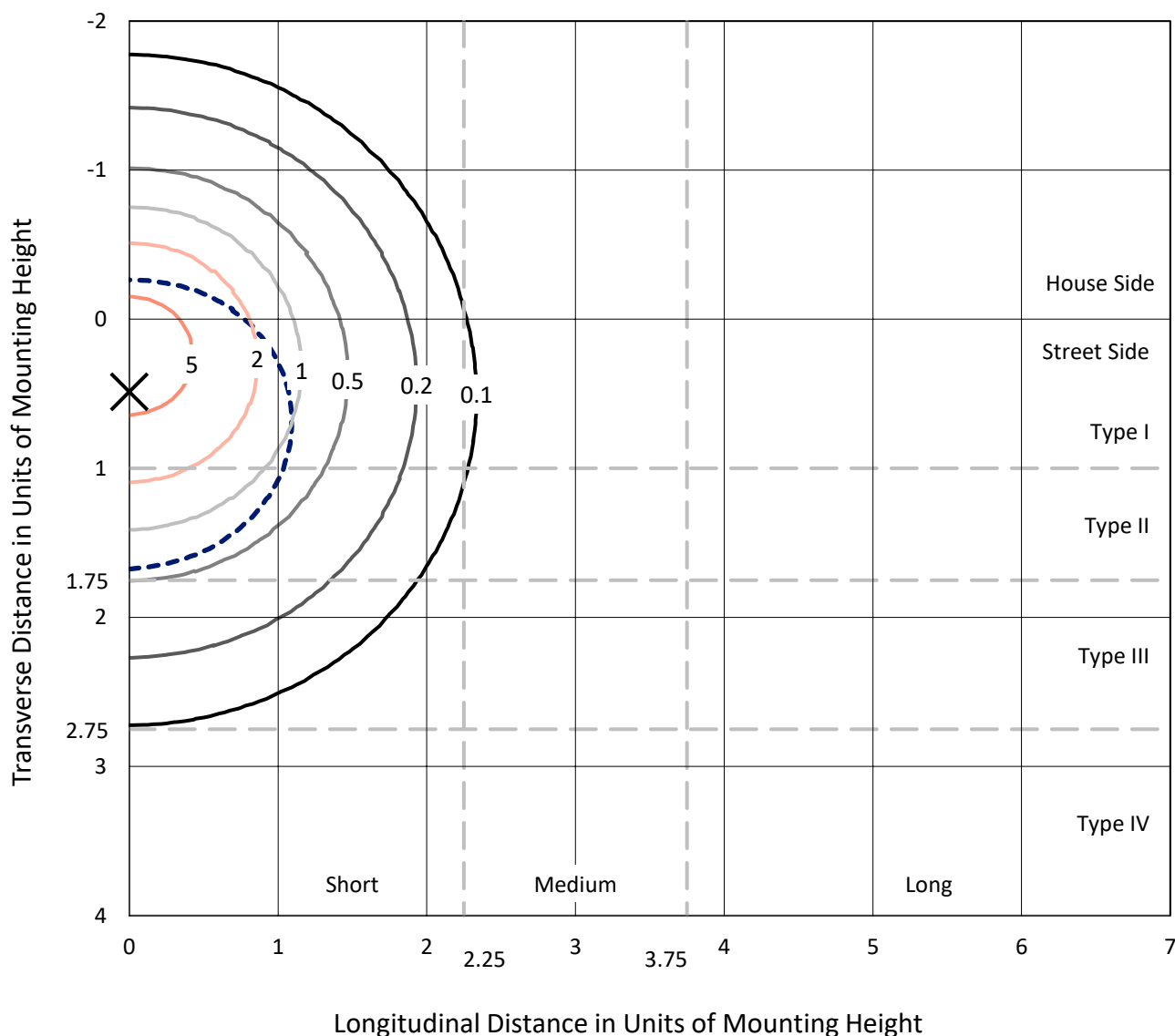
Input Watts (W): 49.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

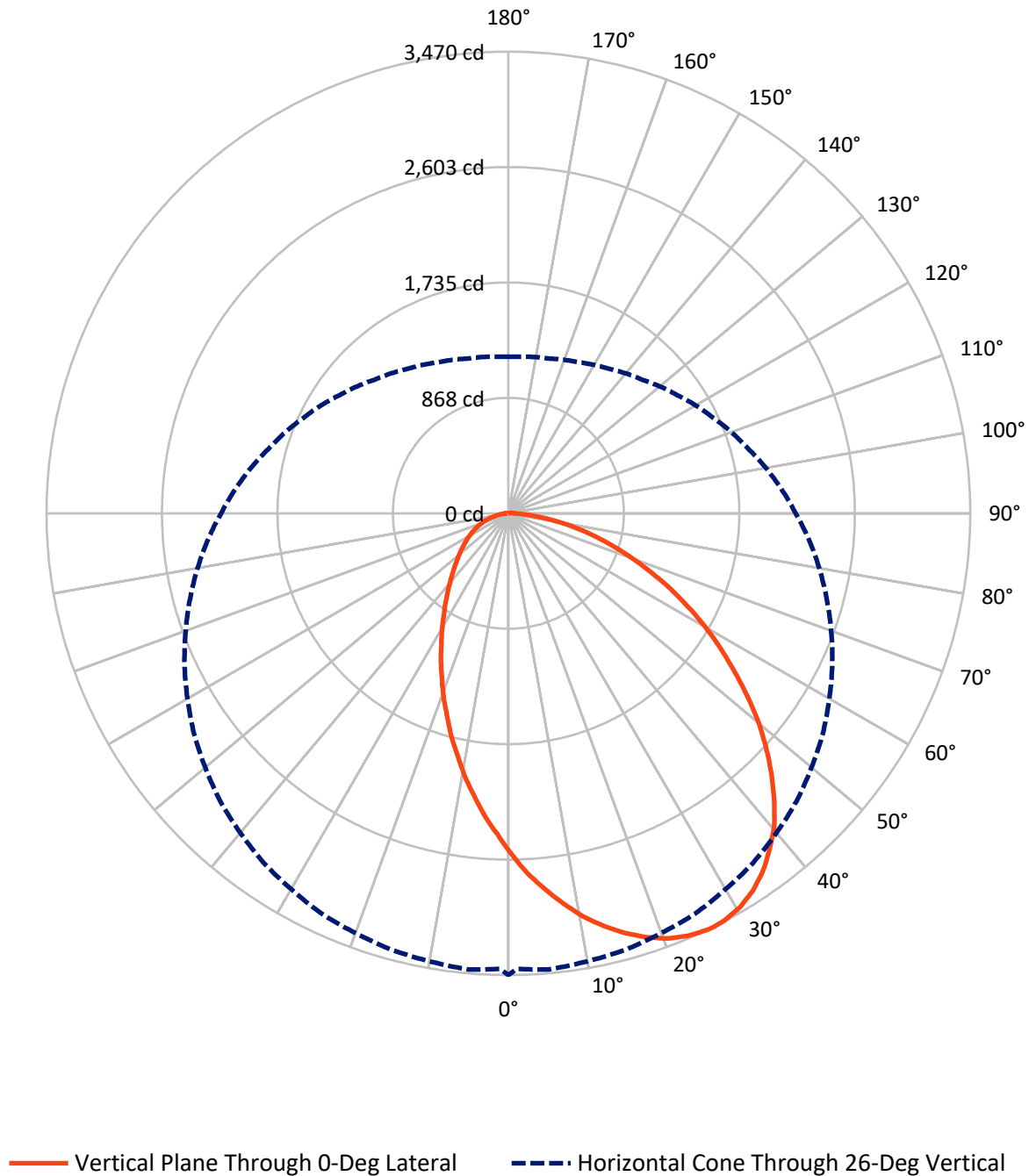
--- 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 7.4 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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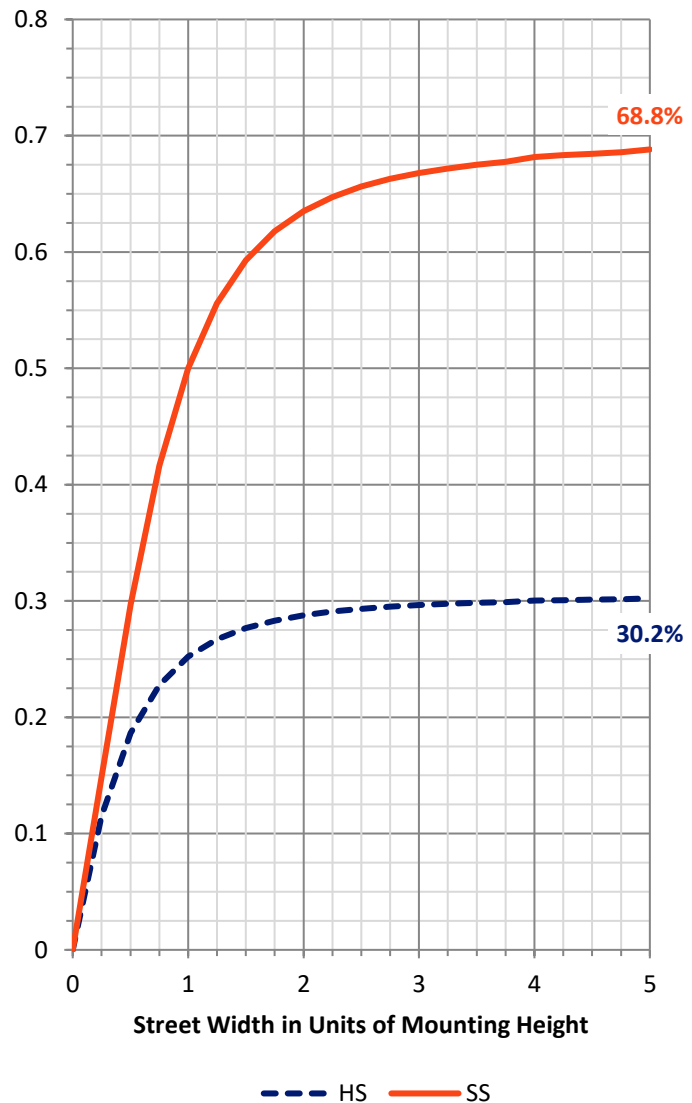
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2033.0	3.5	2036.5
	% Fixture	30.6	0.1	30.6
Street Side	Lumens	4605.6	11.9	4617.5
	% Fixture	69.2	0.2	69.4
Total	Lumens	6638.6	15.4	6654.0
	% Fixture	99.8	0.2	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	242.0	3.6
10°-20°	692.9	10.4
20°-30°	1041.7	15.7
30°-40°	1222.0	18.4
40°-50°	1202.7	18.1
50°-60°	1015.5	15.3
60°-70°	724.7	10.9
70°-80°	392.8	5.9
80°-90°	104.2	1.6
90°-100°	15.4	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°	6638.6	99.8
0°-180°	6654.0	100.0

Coefficient of Utilization



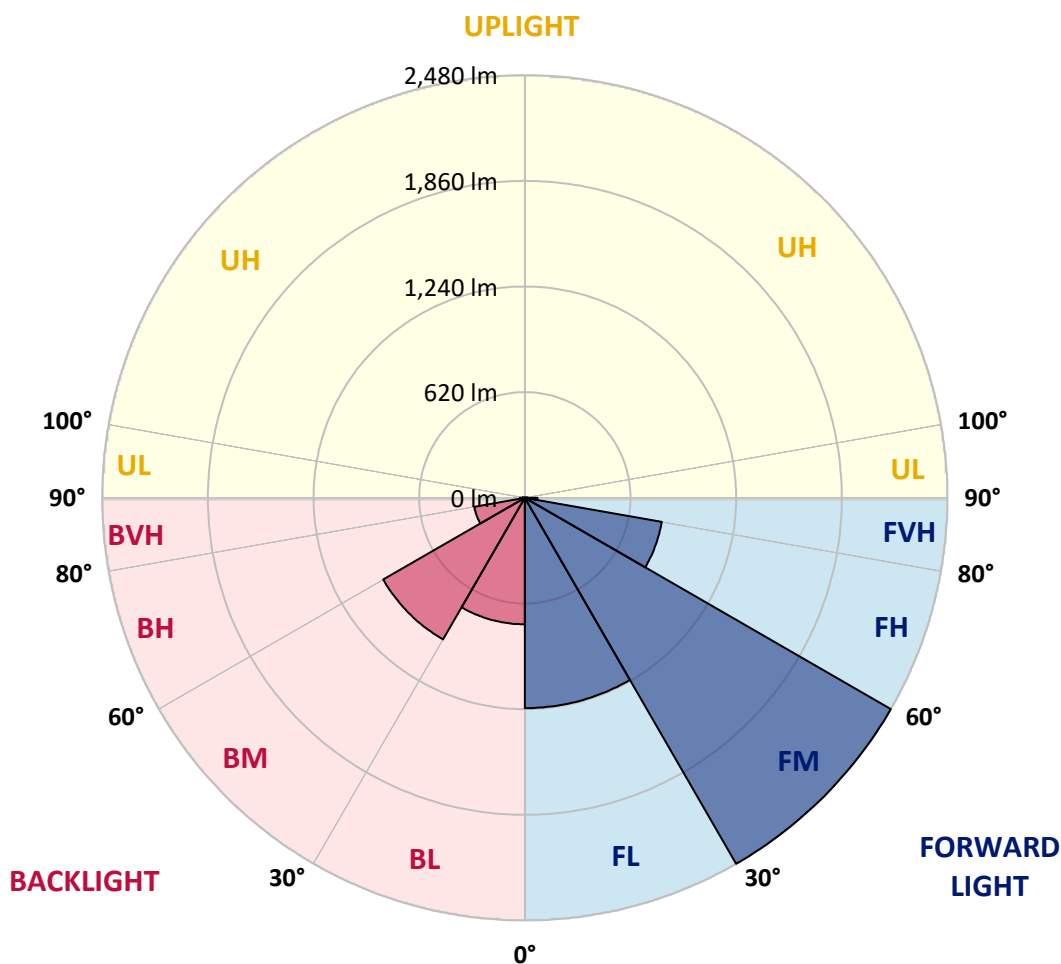
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1234.4	18.6			
FM	(30°-60°)	2480.3	37.3			
FH	(60°-80°)	816.2	12.3			G1/1800
FVH	(80°-90°)	74.6	1.1			G1/100
BL	(0°-30°)	742.3	11.2	B2/1000		
BM	(30°-60°)	959.8	14.4	B1/1000		
BH	(60°-80°)	301.3	4.5	B1/500		G1/500
BVH	(80°-90°)	29.6	0.4			G1/100
UL	(90°-100°)	15.4	0.2		U2/50	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U2-G1

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2558.5	2558.5	2558.5	2558.5	2558.5	2558.5	2558.5	2558.5	2558.5	2558.5	2558.5
2.5°	2708.5	2682.5	2696.0	2693.2	2678.8	2670.0	2656.6	2634.4	2615.4	2590.4	2566.8
5°	2834.4	2808.5	2821.4	2812.6	2796.4	2768.6	2739.0	2702.0	2662.2	2613.6	2567.7
7.5°	2960.8	2930.2	2942.2	2928.8	2901.5	2867.2	2820.5	2759.4	2700.6	2630.2	2561.3
10°	3080.6	3042.7	3056.1	3036.7	3000.6	2949.6	2889.5	2812.6	2730.2	2639.0	2547.4
12.5°	3182.9	3142.7	3161.7	3134.8	3091.8	3026.5	2952.4	2857.1	2752.9	2640.0	2525.2
15°	3272.3	3235.3	3250.5	3220.9	3170.4	3095.9	3002.4	2890.9	2764.5	2632.1	2495.1
17.5°	3349.1	3312.6	3329.2	3292.7	3235.3	3148.2	3040.8	2909.8	2767.3	2613.6	2457.1
20°	3411.2	3367.6	3384.8	3345.9	3282.5	3185.3	3066.8	2919.1	2757.1	2585.3	2410.4
22.5°	3448.7	3407.0	3423.2	3382.0	3311.2	3206.6	3075.6	2914.9	2736.7	2546.9	2353.9
25°	3469.0	3424.6	3439.9	3395.4	3320.4	3210.3	3068.6	2895.0	2703.8	2500.2	2294.6
26°	3470.0	3424.6	3441.3	3395.9	3319.5	3206.1	3061.2	2883.9	2684.9	2475.6	2265.9
27.5°	3463.0	3418.1	3433.8	3388.0	3310.2	3193.6	3044.5	2863.1	2655.2	2437.7	2219.2
30°	3432.0	3388.9	3403.8	3358.4	3276.9	3158.0	3002.4	2811.2	2596.0	2367.8	2141.4
32.5°	3376.4	3332.0	3346.8	3303.3	3221.8	3096.8	2941.8	2742.7	2523.3	2288.1	2052.1
35°	3296.8	3255.6	3272.3	3225.1	3140.8	3019.1	2861.7	2661.7	2437.7	2198.8	1958.6
37.5°	3191.3	3151.9	3168.1	3122.3	3045.5	2922.3	2763.6	2562.2	2338.6	2098.8	1860.9
40°	3077.4	3033.0	3045.0	2998.2	2927.0	2801.5	2652.0	2453.9	2227.5	1993.7	1753.0
42.5°	2925.6	2890.9	2906.1	2864.9	2787.6	2669.1	2523.3	2329.3	2114.6	1878.9	1647.5
45°	2765.4	2733.5	2748.7	2708.9	2640.0	2532.6	2384.0	2199.3	1988.2	1763.2	1539.6
47.5°	2596.9	2568.7	2575.2	2543.2	2471.0	2371.9	2233.1	2055.8	1855.3	1642.9	1430.8
50°	2420.5	2390.9	2395.5	2370.1	2304.4	2212.7	2077.5	1916.9	1724.8	1526.7	1317.4
52.5°	2227.0	2207.1	2219.2	2186.3	2124.7	2040.0	1920.1	1765.5	1587.3	1400.3	1212.4
55°	2034.0	2023.4	2031.2	2003.5	1949.8	1868.8	1762.3	1619.7	1458.6	1279.5	1105.9
57.5°	1854.4	1833.6	1845.1	1823.4	1772.5	1698.4	1600.7	1468.3	1319.3	1160.0	1003.6
60°	1670.6	1660.0	1663.2	1634.5	1597.5	1529.4	1438.7	1323.9	1184.6	1047.6	897.1
62.5°	1485.0	1469.7	1479.0	1456.3	1416.0	1360.5	1285.5	1179.0	1059.1	930.0	802.2
65°	1306.3	1294.8	1297.1	1279.0	1256.8	1199.4	1127.2	1036.9	930.0	817.5	704.1
67.5°	1127.6	1134.6	1125.3	1109.1	1085.5	1041.1	978.6	898.0	808.2	711.5	608.7
70°	960.1	963.8	960.1	949.0	924.9	895.3	835.5	772.6	689.7	602.7	521.7
72.5°	799.0	809.2	805.5	795.3	773.5	739.3	694.8	642.1	575.9	502.3	435.1
75°	651.3	650.4	658.7	643.0	628.2	596.2	562.9	516.1	464.8	408.7	347.2
77.5°	508.7	510.1	505.0	500.4	487.4	469.4	443.5	401.3	361.5	314.3	267.6
80°	368.0	375.4	374.5	367.5	359.7	343.5	324.5	296.3	261.1	227.8	194.0
82.5°	248.6	260.6	252.7	250.4	244.9	231.0	217.1	196.3	176.8	153.2	126.4
85°	145.4	158.8	152.3	151.4	147.7	136.1	127.3	114.8	98.1	83.8	68.5
87.5°	68.5	84.7	79.2	75.9	72.2	67.1	60.6	53.7	44.0	34.3	24.5
90°	36.1	52.3	44.9	43.1	40.3	36.1	30.1	23.6	16.7	10.2	4.2
92.5°	34.3	50.5	42.6	41.2	38.0	33.3	27.3	20.8	13.9	7.4	2.3
95°	33.3	49.1	41.7	40.3	37.0	31.9	26.4	19.9	13.0	6.9	1.9
97.5°	31.9	47.2	40.3	38.4	35.6	31.0	25.0	18.5	12.0	5.6	1.9
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°	2558.5	2558.5	2558.5	2558.5	2558.5	2558.5	2558.5	2558.5	2558.5	2558.5	2558.5
2.5°	2554.3	2544.1	2521.0	2496.9	2477.5	2454.3	2443.7	2428.4	2421.9	2416.8	2411.7
5°	2542.3	2521.0	2476.1	2428.4	2390.0	2350.6	2328.4	2300.2	2285.4	2272.9	2279.4
7.5°	2525.2	2490.0	2421.9	2359.0	2297.4	2242.3	2203.9	2172.4	2149.7	2131.2	2132.6
10°	2500.2	2454.8	2366.4	2282.1	2200.7	2134.5	2085.9	2043.7	2007.6	1998.4	1996.5
12.5°	2466.8	2411.7	2301.1	2197.4	2104.8	2027.1	1960.4	1908.1	1872.9	1856.3	1849.8
15°	2426.1	2359.9	2231.7	2112.2	2003.9	1910.4	1837.7	1779.9	1745.6	1718.8	1720.6
17.5°	2377.5	2303.0	2154.4	2021.1	1902.5	1798.9	1715.5	1658.1	1607.7	1585.9	1581.8
20°	2322.4	2239.5	2077.5	1929.9	1796.5	1687.3	1596.6	1530.4	1481.3	1461.4	1460.0
22.5°	2259.4	2170.6	1992.8	1832.2	1694.2	1572.5	1481.3	1407.7	1362.8	1335.9	1333.2
25°	2189.6	2091.9	1902.5	1734.5	1587.8	1465.6	1369.3	1295.2	1246.1	1224.9	1221.6
26°	2158.1	2060.9	1867.4	1698.4	1548.4	1420.2	1324.8	1251.7	1203.1	1180.9	1176.7
27.5°	2112.7	2006.7	1811.4	1637.3	1484.1	1363.3	1262.3	1191.5	1135.5	1111.9	1108.2
30°	2026.1	1921.1	1716.0	1538.2	1385.5	1260.5	1160.5	1087.4	1040.2	1014.7	1014.2
32.5°	1935.0	1825.2	1622.0	1439.2	1286.0	1159.6	1065.1	994.3	947.1	922.1	918.4
35°	1841.9	1729.4	1527.6	1344.7	1194.3	1070.7	976.3	907.8	863.3	837.9	838.3
37.5°	1739.1	1630.4	1426.7	1249.4	1104.5	987.8	895.3	828.6	788.3	764.7	763.3
40°	1635.5	1529.9	1331.3	1161.4	1018.9	905.9	818.9	757.8	718.9	697.1	694.4
42.5°	1535.0	1427.6	1235.0	1072.1	938.3	831.4	748.5	694.8	655.9	639.3	636.0
45°	1431.3	1330.9	1140.6	988.3	859.2	763.3	687.0	635.6	600.4	584.2	582.3
47.5°	1323.0	1227.6	1057.3	909.6	790.6	698.5	629.6	583.3	551.8	535.6	532.8
50°	1221.1	1133.7	967.0	834.2	723.5	641.1	579.6	535.6	505.5	491.6	489.3
52.5°	1122.5	1035.5	884.6	762.9	662.0	585.6	530.0	489.3	463.8	451.3	451.3
55°	1022.6	942.9	805.5	694.4	604.1	533.3	485.6	448.6	425.4	414.3	412.0
57.5°	924.4	853.1	729.5	628.2	548.5	486.1	441.6	410.6	390.2	378.7	377.3
60°	829.1	767.5	655.0	564.3	494.8	440.7	400.9	372.6	354.1	345.3	345.3
62.5°	740.2	681.9	583.3	506.4	442.1	396.7	361.1	336.1	320.3	313.9	311.5
65°	648.5	599.5	517.1	445.3	392.5	352.7	323.1	301.8	287.9	281.4	279.1
67.5°	563.8	522.6	449.9	389.3	344.4	309.7	284.2	267.1	254.1	248.1	249.0
70°	478.6	445.3	382.8	335.6	298.1	266.6	247.2	232.4	223.1	216.2	218.0
72.5°	400.4	368.9	320.3	279.1	248.6	226.8	209.7	197.2	189.3	185.2	186.6
75°	320.3	297.6	260.2	227.8	204.1	187.5	171.7	162.9	156.9	154.6	153.7
77.5°	249.0	229.6	202.3	178.2	160.6	147.7	136.6	131.0	125.0	123.6	123.6
80°	178.2	166.2	144.9	130.5	117.1	108.8	103.2	98.1	96.3	94.9	94.4
82.5°	117.6	107.4	96.3	87.0	80.1	75.0	70.8	69.9	67.6	67.1	67.6
85°	61.6	57.9	52.3	48.1	47.7	45.4	44.9	45.4	44.9	44.4	44.4
87.5°	22.2	20.4	20.4	20.8	22.2	23.6	24.1	25.9	26.8	27.8	28.2
90°	3.2	3.7	5.1	7.4	10.6	13.4	16.2	18.1	19.4	20.4	20.8
92.5°	1.9	1.9	2.3	3.7	6.9	10.6	13.4	15.7	17.6	18.5	18.5
95°	1.9	1.9	1.9	1.9	2.3	4.2	6.5	9.3	11.6	13.4	13.4
97.5°	1.9	1.9	1.9	1.4	1.4	1.4	1.9	4.2	6.9	8.8	9.3
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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 CATALOG NUMBER: AXCL6A-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)