

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: P1554994

Luminaire Tested: **AXCL6A-W-GRF**

Issue Date: 9/1/2026

Test Information

Test Method: LM-79-08
Report Number: P1554994
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-W-GRF
Description: Axcent Wall Mount Luminaire , Full Cutoff, 3000K LEDs
Light Source: -
Ballast/Driver: -

Summary

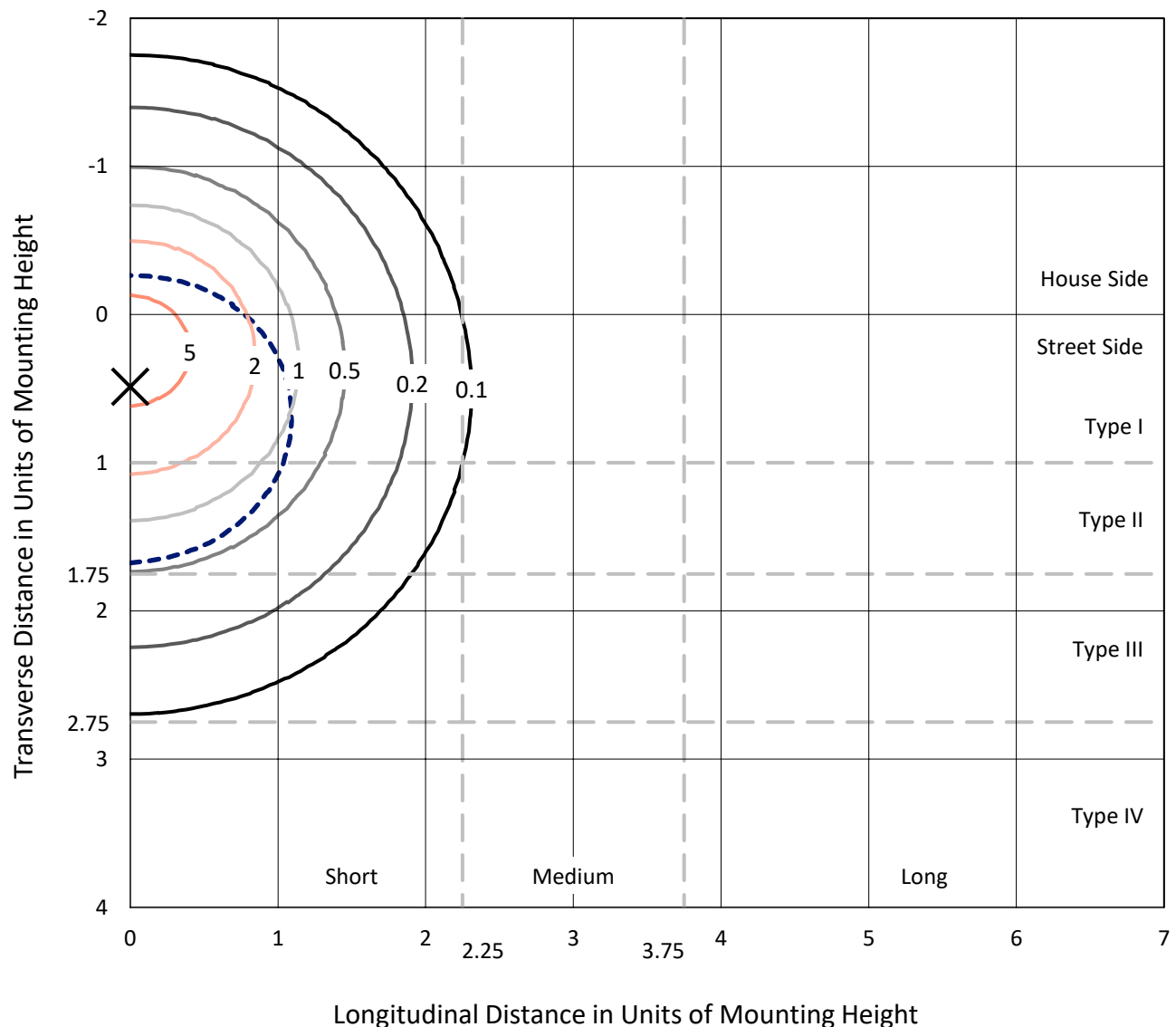
Lumens per Lamp: N/A
Luminaire Lumens: 6392 lumens
Efficiency: N/A
Efficacy: 129.4 lumens/watt
Luminous Opening: Rectangular (W 0.75' x L: 0.29' x H: 0')
IES Classification: Type II - Short
BUG Rating: B2 - U2 - G1

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

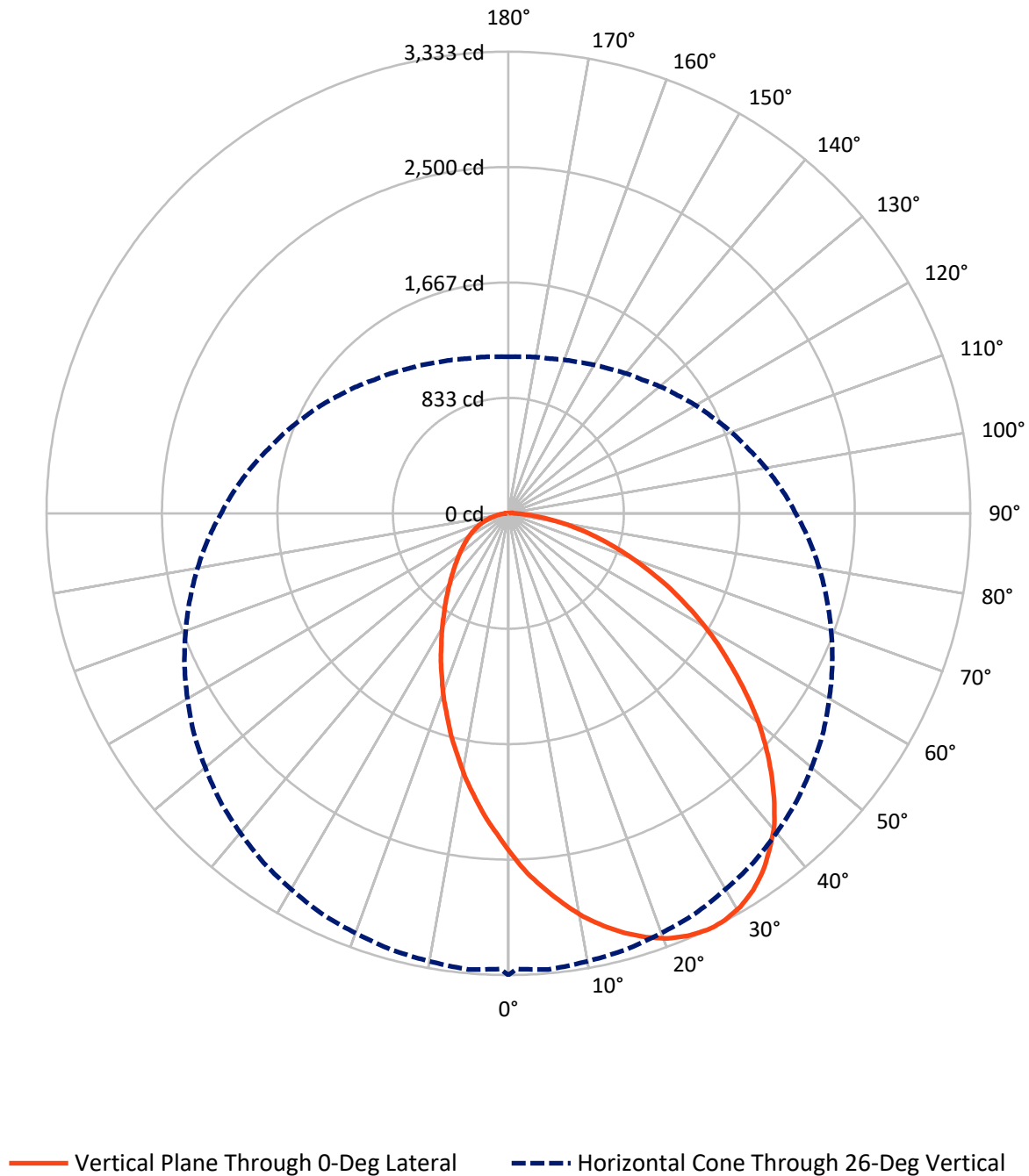
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 7.1 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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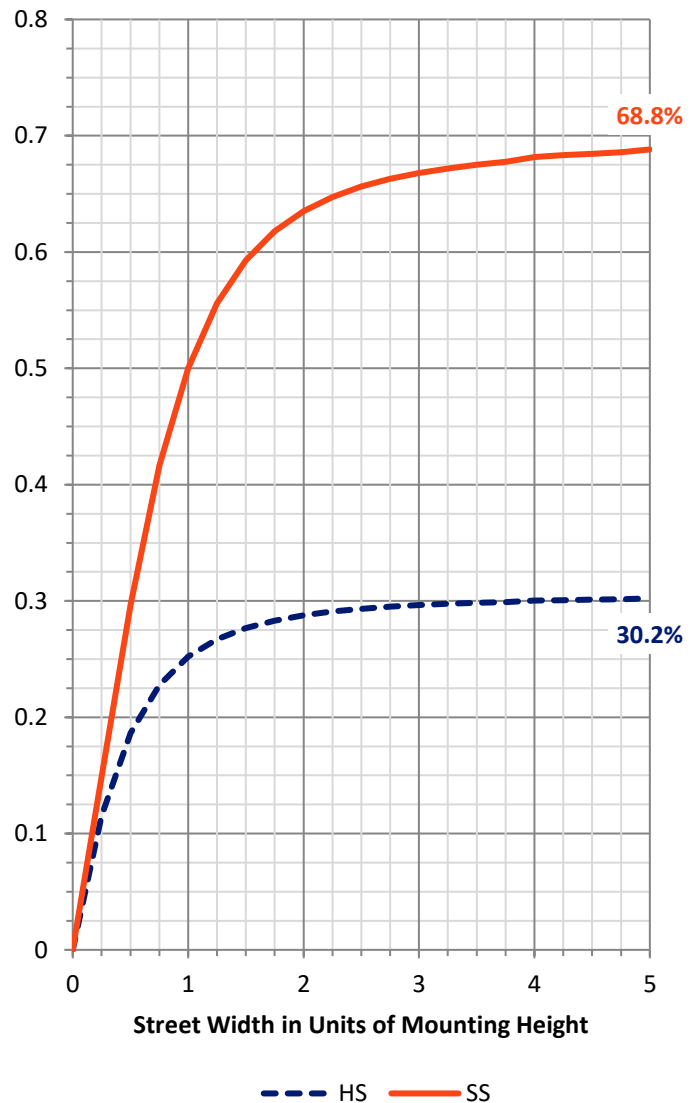
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1953.0	3.4	1956.3
	% Fixture	30.6	0.1	30.6
Street Side	Lumens	4424.2	11.4	4435.7
	% Fixture	69.2	0.2	69.4
Total	Lumens	6377.2	14.8	6392.0
	% Fixture	99.8	0.2	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	232.5	3.6
10°-20°	665.7	10.4
20°-30°	1000.7	15.7
30°-40°	1173.9	18.4
40°-50°	1155.3	18.1
50°-60°	975.5	15.3
60°-70°	696.2	10.9
70°-80°	377.4	5.9
80°-90°	100.1	1.6
90°-100°	14.8	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°	6377.2	99.8
0°-180°	6392.0	100.0

Coefficient of Utilization



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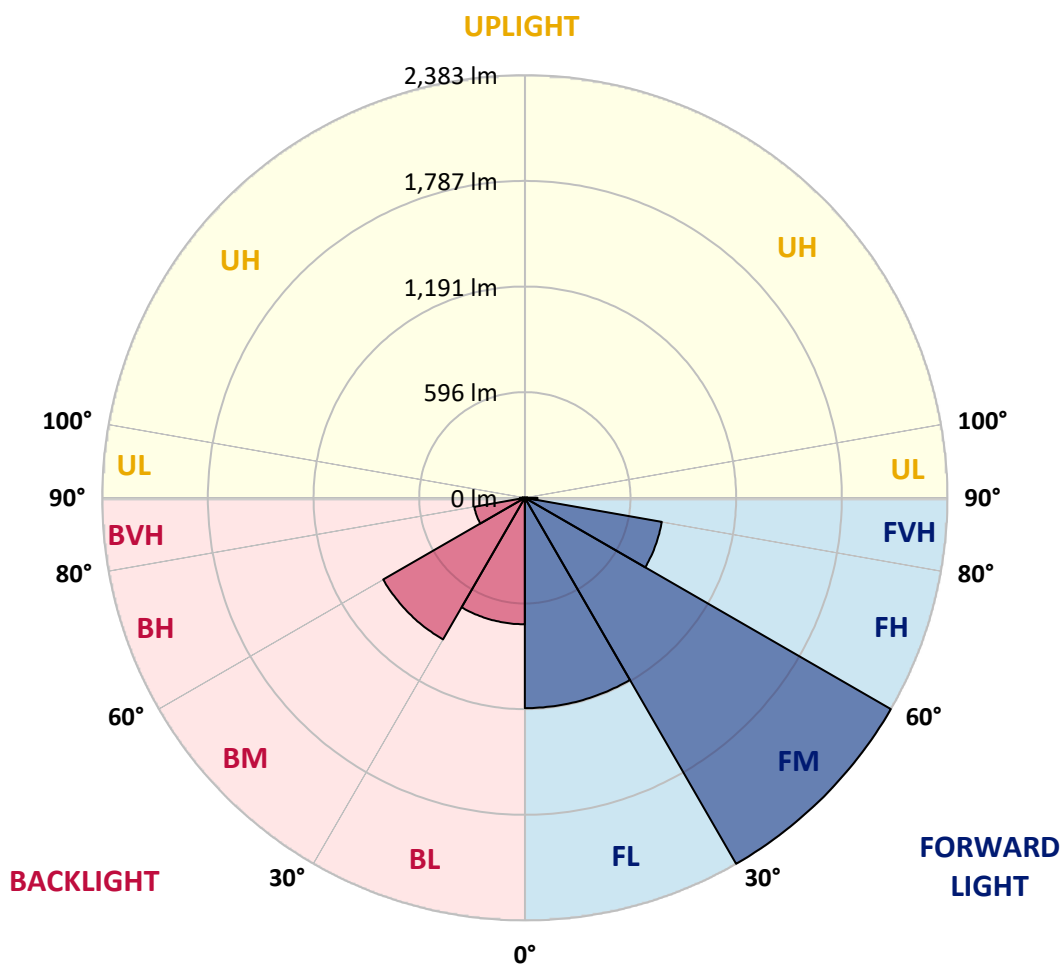
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1185.8	18.6			
FM	(30°-60°)	2382.7	37.3			
FH	(60°-80°)	784.1	12.3			G1/1800
FVH	(80°-90°)	71.7	1.1			G1/100
BL	(0°-30°)	713.0	11.2	B2/1000		
BM	(30°-60°)	922.0	14.4	B1/1000		
BH	(60°-80°)	289.5	4.5	B1/500		G1/500
BVH	(80°-90°)	28.4	0.4			G1/100
UL	(90°-100°)	14.8	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°	2457.7	2457.7	2457.7	2457.7	2457.7	2457.7	2457.7	2457.7	2457.7	2457.7	2457.7
2.5°	2601.8	2576.9	2589.8	2587.1	2573.4	2564.9	2552.0	2530.7	2512.4	2488.4	2465.8
5°	2722.8	2697.9	2710.3	2701.9	2686.3	2659.6	2631.2	2595.6	2557.4	2510.7	2466.6
7.5°	2844.2	2814.8	2826.4	2813.5	2787.3	2754.3	2709.4	2650.7	2594.3	2526.7	2460.4
10°	2959.3	2922.9	2935.8	2917.1	2882.4	2833.5	2775.7	2701.9	2622.7	2535.1	2447.1
12.5°	3057.6	3018.9	3037.2	3011.4	2970.0	2907.3	2836.2	2744.6	2644.5	2536.0	2425.7
15°	3143.4	3107.9	3122.5	3094.1	3045.6	2974.0	2884.2	2777.0	2655.6	2528.5	2396.8
17.5°	3217.3	3182.1	3198.1	3163.0	3107.9	3024.3	2921.1	2795.3	2658.3	2510.7	2360.4
20°	3276.8	3235.0	3251.5	3214.1	3153.2	3059.8	2946.0	2804.2	2648.5	2483.5	2315.4
22.5°	3312.9	3272.8	3288.4	3248.8	3180.8	3080.3	2954.5	2800.2	2628.9	2446.6	2261.2
25°	3332.4	3289.7	3304.4	3261.7	3189.7	3083.9	2947.8	2781.0	2597.4	2401.7	2204.3
26°	3333.3	3289.7	3305.8	3262.2	3188.8	3079.9	2940.7	2770.4	2579.1	2378.1	2176.7
27.5°	3326.7	3283.5	3298.6	3254.6	3179.9	3067.8	2924.7	2750.3	2550.7	2341.7	2131.8
30°	3296.9	3255.5	3269.7	3226.2	3147.9	3033.6	2884.2	2700.5	2493.8	2274.5	2057.1
32.5°	3243.5	3200.8	3215.0	3173.2	3095.0	2974.9	2825.9	2634.7	2424.0	2198.1	1971.3
35°	3167.0	3127.4	3143.4	3098.1	3017.2	2900.2	2749.0	2556.9	2341.7	2112.2	1881.4
37.5°	3065.6	3027.8	3043.4	2999.4	2925.6	2807.3	2654.7	2461.3	2246.5	2016.2	1787.6
40°	2956.2	2913.5	2925.1	2880.2	2811.7	2691.2	2547.6	2357.2	2139.8	1915.2	1684.0
42.5°	2810.4	2777.0	2791.7	2752.1	2677.9	2564.0	2424.0	2237.6	2031.3	1805.0	1582.6
45°	2656.5	2625.8	2640.5	2602.3	2536.0	2432.8	2290.1	2112.7	1909.9	1693.8	1479.0
47.5°	2494.7	2467.5	2473.8	2443.1	2373.7	2278.5	2145.1	1974.8	1782.3	1578.2	1374.5
50°	2325.2	2296.8	2301.2	2276.8	2213.6	2125.6	1995.7	1841.4	1656.9	1466.6	1265.6
52.5°	2139.4	2120.2	2131.8	2100.2	2041.1	1959.7	1844.5	1696.0	1524.8	1345.2	1164.6
55°	1953.9	1943.7	1951.3	1924.6	1873.0	1795.2	1692.9	1555.9	1401.2	1229.1	1062.3
57.5°	1781.4	1761.4	1772.5	1751.6	1702.7	1631.5	1537.7	1410.5	1267.3	1114.4	964.1
60°	1604.9	1594.6	1597.7	1570.2	1534.6	1469.2	1382.1	1271.8	1137.9	1006.3	861.8
62.5°	1426.5	1411.9	1420.8	1399.0	1360.3	1306.9	1234.9	1132.6	1017.4	893.4	770.6
65°	1254.9	1243.8	1246.0	1228.7	1207.3	1152.2	1082.8	996.1	893.4	785.3	676.4
67.5°	1083.2	1089.9	1081.0	1065.5	1042.8	1000.1	940.1	862.7	776.4	683.5	584.8
70°	922.3	925.8	922.3	911.6	888.5	860.0	802.6	742.2	662.6	579.0	501.2
72.5°	767.5	777.3	773.7	764.0	743.1	710.2	667.5	616.8	553.2	482.5	418.0
75°	625.7	624.8	632.8	617.7	603.4	572.7	540.7	495.8	446.5	392.7	333.5
77.5°	488.7	490.0	485.1	480.7	468.2	450.9	426.0	385.5	347.3	301.9	257.0
80°	353.5	360.6	359.7	353.1	345.5	330.0	311.7	284.6	250.8	218.8	186.3
82.5°	238.8	250.4	242.8	240.6	235.2	221.9	208.6	188.5	169.9	147.2	121.4
85°	139.6	152.5	146.3	145.4	141.9	130.7	122.3	110.3	94.3	80.5	65.8
87.5°	65.8	81.4	76.0	72.9	69.4	64.5	58.3	51.6	42.2	32.9	23.6
90°	34.7	50.2	43.1	41.4	38.7	34.7	28.9	22.7	16.0	9.8	4.0
92.5°	32.9	48.5	40.9	39.6	36.5	32.0	26.2	20.0	13.3	7.1	2.2
95°	32.0	47.1	40.0	38.7	35.6	30.7	25.3	19.1	12.5	6.7	1.8
97.5°	30.7	45.4	38.7	36.9	34.2	29.8	24.0	17.8	11.6	5.3	1.8
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°	2457.7	2457.7	2457.7	2457.7	2457.7	2457.7	2457.7	2457.7	2457.7	2457.7	2457.7
2.5°	2453.7	2444.0	2421.7	2398.6	2379.9	2357.7	2347.5	2332.8	2326.6	2321.7	2316.8
5°	2442.2	2421.7	2378.6	2332.8	2295.9	2258.1	2236.7	2209.6	2195.4	2183.4	2189.6
7.5°	2425.7	2391.9	2326.6	2266.1	2206.9	2154.0	2117.1	2086.9	2065.1	2047.3	2048.6
10°	2401.7	2358.1	2273.2	2192.3	2114.0	2050.4	2003.7	1963.3	1928.6	1919.7	1917.9
12.5°	2369.7	2316.8	2210.5	2110.9	2022.0	1947.3	1883.2	1833.0	1799.2	1783.2	1776.9
15°	2330.6	2267.0	2143.8	2029.1	1925.0	1835.2	1765.4	1709.8	1676.9	1651.1	1652.9
17.5°	2283.9	2212.3	2069.5	1941.5	1827.6	1728.0	1648.0	1592.8	1544.4	1523.5	1519.5
20°	2231.0	2151.4	1995.7	1853.9	1725.8	1620.9	1533.7	1470.1	1423.0	1403.9	1402.5
22.5°	2170.5	2085.1	1914.3	1760.0	1627.5	1510.6	1423.0	1352.3	1309.1	1283.3	1280.7
25°	2103.3	2009.5	1827.6	1666.2	1525.3	1407.9	1315.4	1244.2	1197.1	1176.6	1173.5
26°	2073.1	1979.7	1793.8	1631.5	1487.5	1364.3	1272.7	1202.4	1155.7	1134.4	1130.4
27.5°	2029.5	1927.7	1740.0	1572.8	1425.6	1309.6	1212.6	1144.6	1090.8	1068.1	1064.6
30°	1946.4	1845.4	1648.4	1477.7	1330.9	1210.9	1114.8	1044.6	999.2	974.7	974.3
32.5°	1858.8	1753.4	1558.2	1382.5	1235.3	1113.9	1023.2	955.2	909.8	885.8	882.2
35°	1769.4	1661.3	1467.4	1291.8	1147.3	1028.5	937.8	872.0	829.3	804.9	805.3
37.5°	1670.7	1566.2	1370.5	1200.2	1061.0	948.9	860.0	796.0	757.3	734.6	733.3
40°	1571.1	1469.7	1278.9	1115.7	978.7	870.2	786.6	727.9	690.6	669.7	667.0
42.5°	1474.6	1371.4	1186.4	1029.9	901.4	798.6	719.0	667.5	630.1	614.1	611.0
45°	1375.0	1278.5	1095.7	949.4	825.3	733.3	659.9	610.5	576.8	561.2	559.4
47.5°	1270.9	1179.3	1015.6	873.8	759.5	671.0	604.8	560.3	530.1	514.5	511.8
50°	1173.1	1089.0	928.9	801.3	695.0	615.9	556.7	514.5	485.6	472.3	470.0
52.5°	1078.3	994.7	849.8	732.8	635.9	562.5	509.2	470.0	445.6	433.6	433.6
55°	982.3	905.8	773.7	667.0	580.3	512.3	466.5	430.9	408.7	398.0	395.8
57.5°	888.0	819.5	700.8	603.4	526.9	466.9	424.2	394.4	374.9	363.7	362.4
60°	796.4	737.3	629.2	542.1	475.4	423.3	385.1	358.0	340.2	331.7	331.7
62.5°	711.0	655.0	560.3	486.5	424.7	381.1	346.9	322.8	307.7	301.5	299.3
65°	623.0	575.9	496.7	427.8	377.1	338.8	310.4	289.9	276.6	270.4	268.1
67.5°	541.6	502.0	432.2	374.0	330.8	297.5	273.0	256.6	244.1	238.3	239.2
70°	459.8	427.8	367.8	322.4	286.4	256.1	237.5	223.2	214.3	207.7	209.4
72.5°	384.6	354.4	307.7	268.1	238.8	217.9	201.4	189.4	181.9	177.9	179.2
75°	307.7	285.9	249.9	218.8	196.1	180.1	165.0	156.5	150.7	148.5	147.6
77.5°	239.2	220.6	194.3	171.2	154.3	141.9	131.2	125.8	120.1	118.7	118.7
80°	171.2	159.6	139.2	125.4	112.5	104.5	99.2	94.3	92.5	91.2	90.7
82.5°	112.9	103.2	92.5	83.6	76.9	72.0	68.0	67.1	64.9	64.5	64.9
85°	59.1	55.6	50.2	46.2	45.8	43.6	43.1	43.6	43.1	42.7	42.7
87.5°	21.3	19.6	19.6	20.0	21.3	22.7	23.1	24.9	25.8	26.7	27.1
90°	3.1	3.6	4.9	7.1	10.2	12.9	15.6	17.3	18.7	19.6	20.0
92.5°	1.8	1.8	2.2	3.6	6.7	10.2	12.9	15.1	16.9	17.8	17.8
95°	1.8	1.8	1.8	1.8	2.2	4.0	6.2	8.9	11.1	12.9	12.9
97.5°	1.8	1.8	1.8	1.3	1.3	1.3	1.8	4.0	6.7	8.4	8.9
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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 CATALOG NUMBER: AXCL6A-W-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)