

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: P1555003

Luminaire Tested: **AXCL8A-W-GRF**

Issue Date: 9/1/2026

Test Information

Test Method: LM-79-08
Report Number: P1555003
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: AXCL8A-W-GRF
Description: Axcent Wall Mount Luminaire , Full Cutoff, 3000K LEDs
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8179 lumens
Efficiency: N/A
Efficacy: 125.3 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

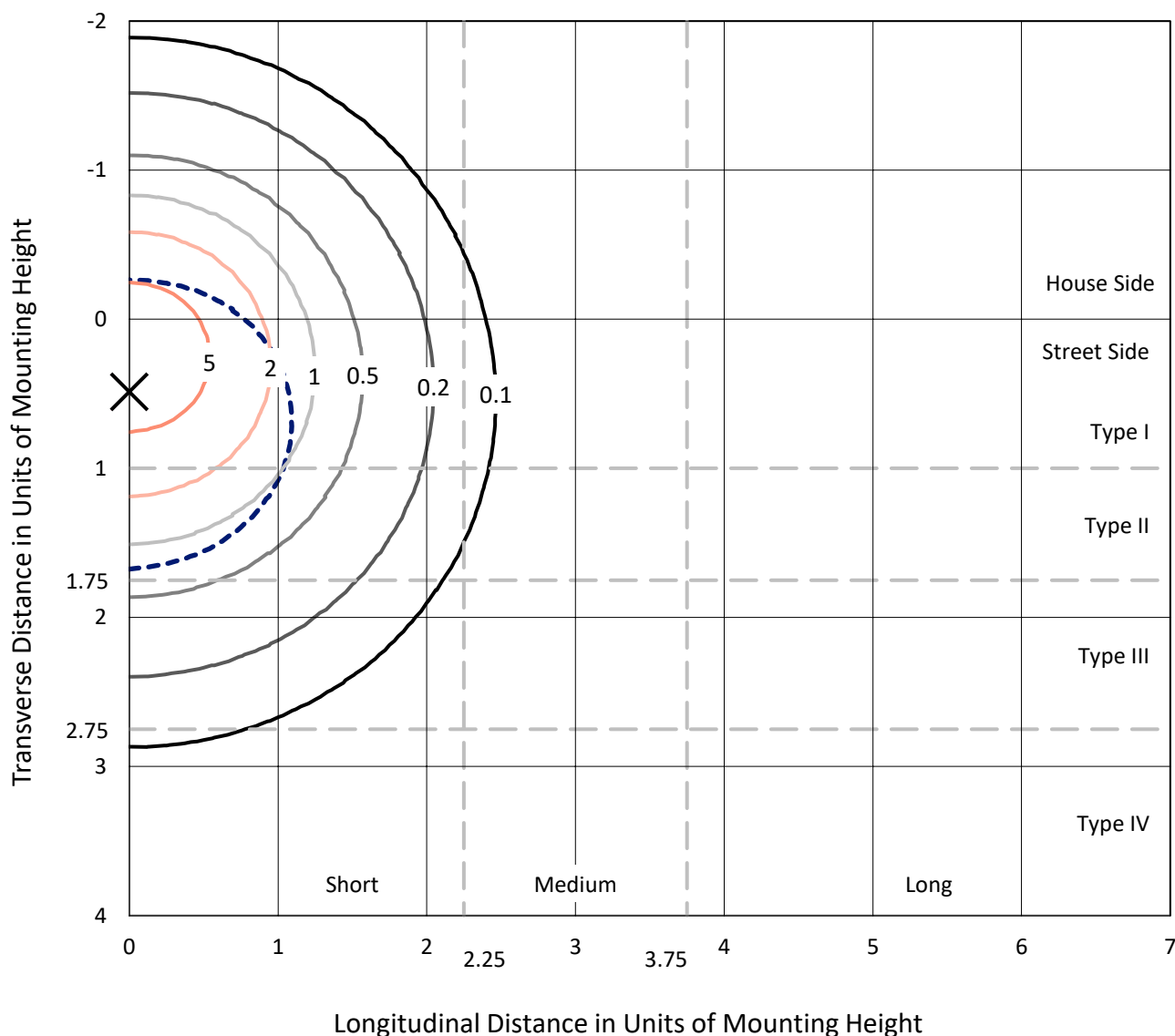
Input Watts (W): 65.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

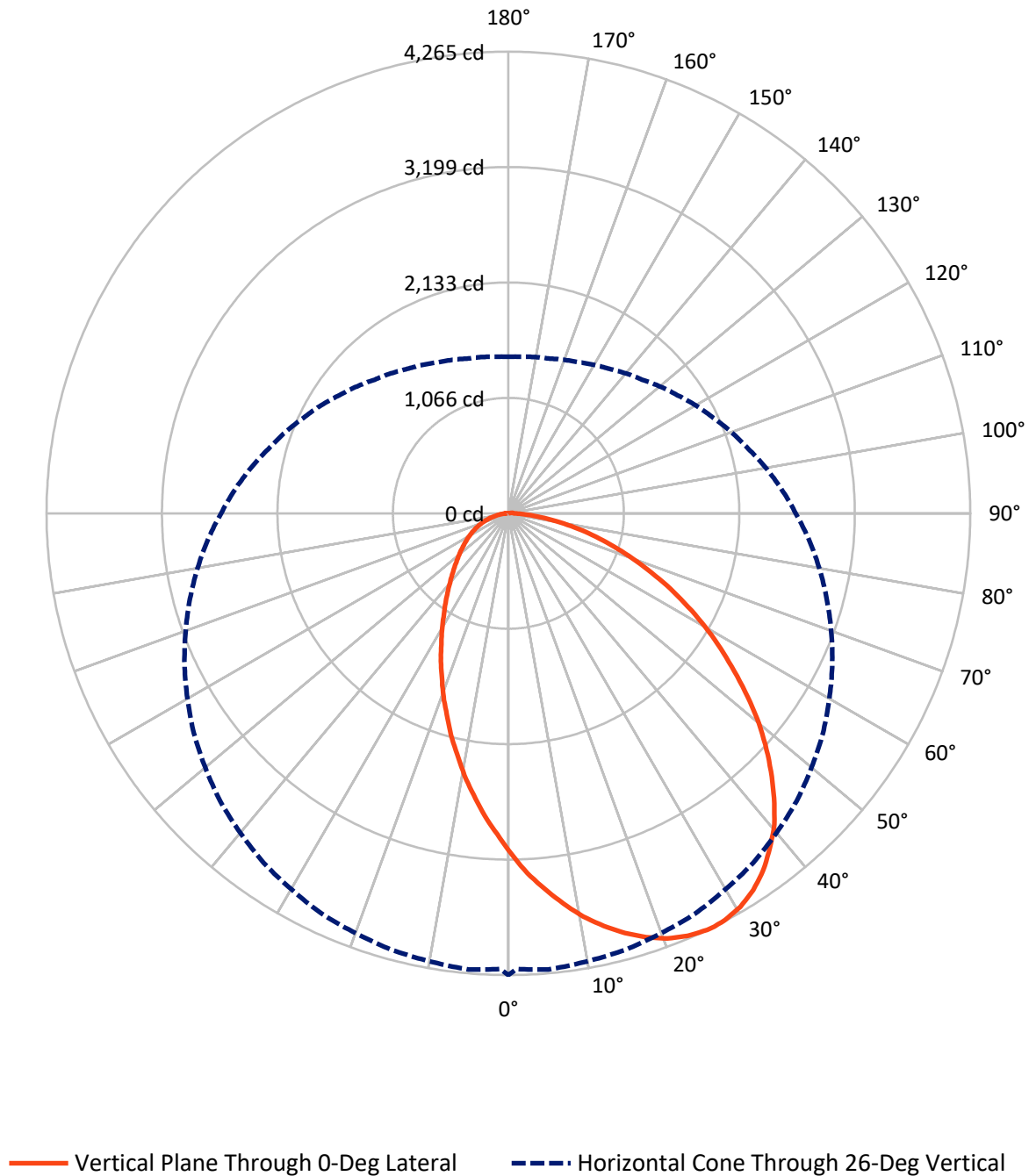
--- 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 9.1 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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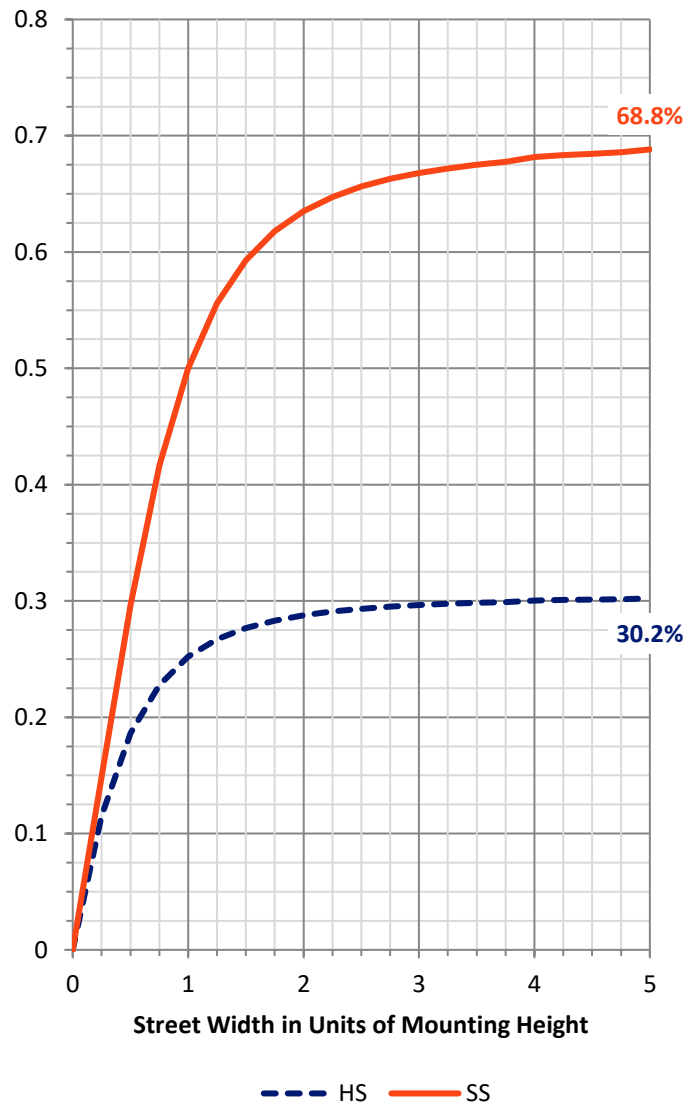
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2499.0	4.3	2503.3
	% Fixture	30.6	0.1	30.6
Street Side	Lumens	5661.1	14.6	5675.7
	% Fixture	69.2	0.2	69.4
Total	Lumens	8160.1	18.9	8179.0
	% Fixture	99.8	0.2	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	297.5	3.6
10°-20°	851.8	10.4
20°-30°	1280.5	15.7
30°-40°	1502.1	18.4
40°-50°	1478.3	18.1
50°-60°	1248.2	15.3
60°-70°	890.8	10.9
70°-80°	482.9	5.9
80°-90°	128.1	1.6
90°-100°	18.9	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°	8160.1	99.8
0°-180°	8179.0	100.0



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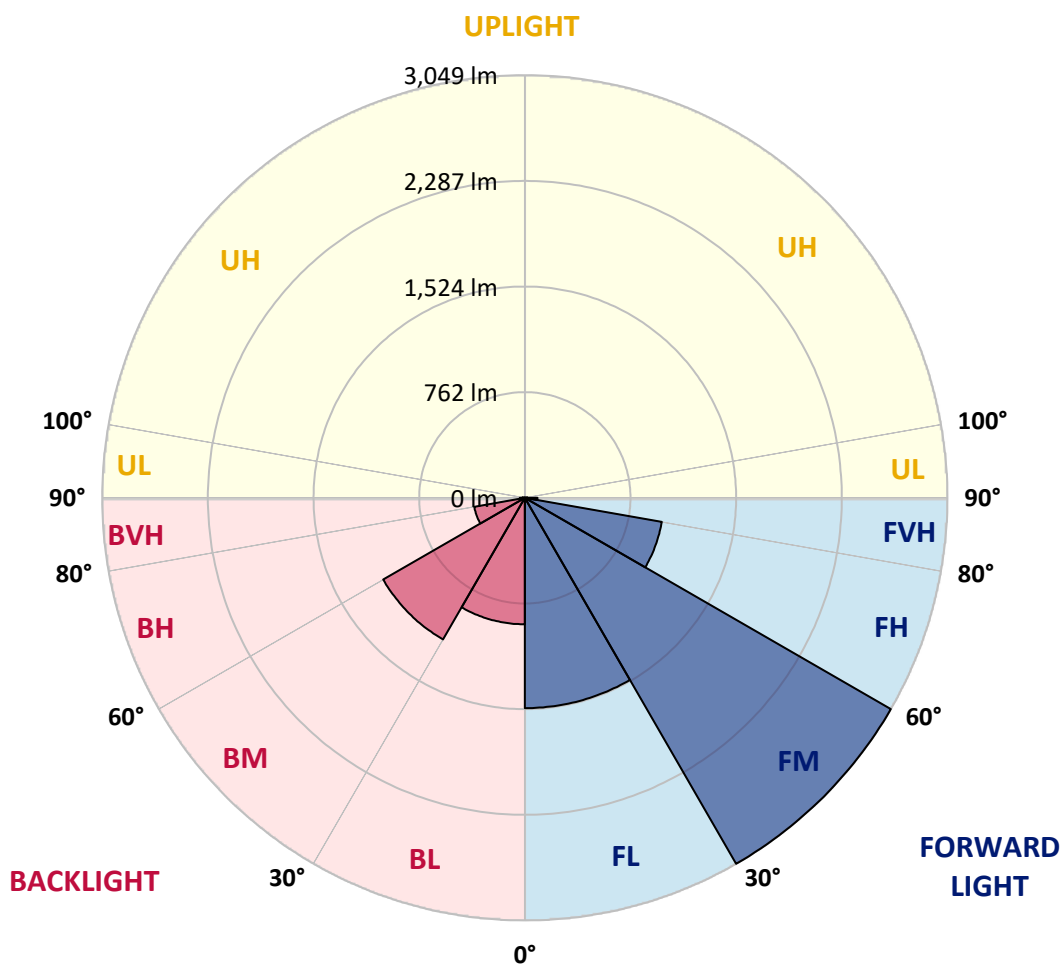
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1517.3	18.6			
FM	(30°-60°)	3048.8	37.3			
FH	(60°-80°)	1003.3	12.3			G1/1800
FVH	(80°-90°)	91.7	1.1			G1/100
BL	(0°-30°)	912.4	11.2	B2/1000		
BM	(30°-60°)	1179.8	14.4	B2/2500		
BH	(60°-80°)	370.4	4.5	B1/500		G1/500
BVH	(80°-90°)	36.4	0.4			G1/100
UL	(90°-100°)	18.9	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°	3144.9	3144.9	3144.9	3144.9	3144.9	3144.9	3144.9	3144.9	3144.9	3144.9	3144.9
2.5°	3329.2	3297.3	3313.8	3310.4	3292.8	3282.0	3265.5	3238.2	3214.8	3184.1	3155.1
5°	3484.0	3452.1	3468.0	3457.2	3437.3	3403.2	3366.8	3321.2	3272.3	3212.6	3156.2
7.5°	3639.3	3601.8	3616.6	3600.1	3566.5	3524.4	3466.9	3391.8	3319.5	3233.0	3148.3
10°	3786.7	3740.0	3756.5	3732.6	3688.2	3625.7	3551.7	3457.2	3356.0	3243.9	3131.2
12.5°	3912.4	3862.9	3886.3	3853.3	3800.3	3720.1	3629.1	3511.9	3383.8	3245.0	3103.9
15°	4022.3	3976.7	3995.5	3959.1	3897.1	3805.5	3690.5	3553.4	3398.1	3235.3	3066.9
17.5°	4116.7	4071.8	4092.2	4047.3	3976.7	3869.8	3737.8	3576.7	3401.5	3212.6	3020.2
20°	4193.0	4139.5	4160.5	4112.7	4034.8	3915.3	3769.6	3588.1	3389.0	3177.9	2962.8
22.5°	4239.0	4187.8	4207.7	4157.1	4070.0	3941.5	3780.4	3583.0	3363.9	3130.6	2893.4
25°	4264.1	4209.5	4228.2	4173.6	4081.4	3946.0	3771.9	3558.5	3323.5	3073.2	2820.5
26°	4265.2	4209.5	4229.9	4174.2	4080.3	3940.9	3762.8	3544.9	3300.2	3043.0	2785.2
27.5°	4256.7	4201.5	4220.8	4164.5	4068.9	3925.5	3742.3	3519.3	3263.8	2996.3	2727.8
30°	4218.6	4165.6	4183.8	4128.1	4027.9	3881.7	3690.5	3455.5	3190.9	2910.4	2632.2
32.5°	4150.3	4095.7	4113.9	4060.4	3960.2	3806.6	3616.0	3371.3	3101.6	2812.6	2522.4
35°	4052.4	4001.8	4022.3	3964.2	3860.7	3711.0	3517.5	3271.7	2996.3	2702.7	2407.4
37.5°	3922.7	3874.3	3894.2	3837.9	3743.4	3592.1	3396.9	3149.4	2874.6	2579.8	2287.4
40°	3782.7	3728.1	3742.9	3685.4	3597.8	3443.6	3259.8	3016.3	2738.0	2450.7	2154.8
42.5°	3596.1	3553.4	3572.2	3521.5	3426.5	3280.8	3101.6	2863.2	2599.2	2309.6	2025.1
45°	3399.2	3359.9	3378.7	3329.8	3245.0	3113.0	2930.3	2703.3	2443.8	2167.3	1892.5
47.5°	3192.1	3157.4	3165.3	3126.1	3037.3	2915.5	2744.8	2526.9	2280.5	2019.4	1758.8
50°	2975.3	2938.9	2944.6	2913.3	2832.5	2719.8	2553.7	2356.2	2120.1	1876.6	1619.4
52.5°	2737.5	2713.0	2727.8	2687.4	2611.7	2507.6	2360.2	2170.2	1951.1	1721.2	1490.2
55°	2500.2	2487.1	2496.8	2462.6	2396.6	2297.0	2166.2	1990.9	1792.9	1572.7	1359.3
57.5°	2279.4	2253.8	2268.0	2241.3	2178.7	2087.7	1967.6	1804.9	1621.6	1425.9	1233.6
60°	2053.5	2040.4	2044.4	2009.1	1963.6	1880.0	1768.4	1627.3	1456.1	1287.6	1102.7
62.5°	1825.3	1806.6	1818.0	1790.1	1740.6	1672.3	1580.1	1449.2	1301.9	1143.1	986.1
65°	1605.7	1591.5	1594.3	1572.1	1544.8	1474.3	1385.5	1274.6	1143.1	1004.9	865.4
67.5°	1386.1	1394.6	1383.2	1363.3	1334.3	1279.7	1202.9	1103.9	993.5	874.6	748.2
70°	1180.1	1184.7	1180.1	1166.4	1136.9	1100.4	1027.0	949.7	847.8	740.8	641.3
72.5°	982.1	994.6	990.1	977.5	950.8	908.7	854.1	789.2	707.8	617.4	534.9
75°	800.6	799.4	809.7	790.3	772.1	732.9	691.9	634.4	571.3	502.4	426.7
77.5°	625.3	627.0	620.8	615.1	599.2	577.0	545.1	493.3	444.4	386.4	328.9
80°	452.4	461.5	460.3	451.8	442.1	422.2	398.9	364.2	320.9	279.9	238.4
82.5°	305.6	320.3	310.7	307.8	301.0	283.9	266.9	241.3	217.4	188.3	155.3
85°	178.7	195.2	187.2	186.1	181.5	167.3	156.5	141.1	120.6	103.0	84.2
87.5°	84.2	104.1	97.3	93.3	88.8	82.5	74.5	66.0	54.1	42.1	30.2
90°	44.4	64.3	55.2	52.9	49.5	44.4	37.0	29.0	20.5	12.5	5.1
92.5°	42.1	62.0	52.3	50.6	46.7	41.0	33.6	25.6	17.1	9.1	2.8
95°	41.0	60.3	51.2	49.5	45.5	39.3	32.4	24.5	15.9	8.5	2.3
97.5°	39.3	58.0	49.5	47.2	43.8	38.1	30.7	22.8	14.8	6.8	2.3
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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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°	3144.9	3144.9	3144.9	3144.9	3144.9	3144.9	3144.9	3144.9	3144.9	3144.9	3144.9
2.5°	3139.7	3127.2	3098.8	3069.2	3045.3	3016.8	3003.7	2985.0	2977.0	2970.7	2964.5
5°	3124.9	3098.8	3043.6	2985.0	2937.7	2889.4	2862.1	2827.4	2809.1	2793.8	2801.7
7.5°	3103.9	3060.6	2977.0	2899.6	2823.9	2756.2	2709.0	2670.3	2642.4	2619.7	2621.4
10°	3073.2	3017.4	2908.7	2805.2	2705.0	2623.7	2563.9	2512.1	2467.7	2456.4	2454.1
12.5°	3032.2	2964.5	2828.5	2701.0	2587.2	2491.6	2409.7	2345.4	2302.2	2281.7	2273.7
15°	2982.1	2900.8	2743.1	2596.3	2463.2	2348.3	2258.9	2187.8	2145.7	2112.7	2115.0
17.5°	2922.4	2830.8	2648.1	2484.2	2338.6	2211.1	2108.7	2038.2	1976.1	1949.4	1944.3
20°	2854.7	2752.8	2553.7	2372.2	2208.3	2074.0	1962.5	1881.1	1820.8	1796.3	1794.6
22.5°	2777.3	2668.0	2449.5	2252.1	2082.5	1932.9	1820.8	1730.3	1675.1	1642.1	1638.7
25°	2691.4	2571.3	2338.6	2132.0	1951.7	1801.4	1683.1	1592.1	1531.7	1505.6	1501.6
26°	2652.7	2533.2	2295.3	2087.7	1903.3	1745.7	1628.5	1538.6	1478.8	1451.5	1446.4
27.5°	2596.9	2466.6	2226.5	2012.5	1824.2	1675.7	1551.7	1464.6	1395.8	1366.7	1362.2
30°	2490.5	2361.3	2109.3	1890.8	1703.0	1549.4	1426.5	1336.6	1278.5	1247.2	1246.7
32.5°	2378.4	2243.6	1993.8	1769.0	1580.7	1425.3	1309.3	1222.2	1164.2	1133.4	1128.9
35°	2264.0	2125.8	1877.7	1652.9	1468.0	1316.1	1200.0	1115.8	1061.2	1029.9	1030.5
37.5°	2137.7	2004.0	1753.7	1535.7	1357.6	1214.2	1100.4	1018.5	969.0	940.0	938.3
40°	2010.3	1880.5	1636.4	1427.6	1252.4	1113.5	1006.6	931.5	883.7	856.9	853.5
42.5°	1886.8	1754.8	1518.1	1317.8	1153.4	1021.9	920.1	854.1	806.3	785.8	781.8
45°	1759.3	1635.9	1402.0	1214.8	1056.1	938.3	844.4	781.2	738.0	718.1	715.8
47.5°	1626.2	1509.0	1299.6	1118.1	971.8	858.6	773.8	716.9	678.2	658.3	654.9
50°	1501.0	1393.5	1188.6	1025.3	889.3	788.1	712.4	658.3	621.3	604.3	601.4
52.5°	1379.8	1272.8	1087.4	937.7	813.7	719.8	651.5	601.4	570.1	554.8	554.8
55°	1256.9	1159.1	990.1	853.5	742.5	655.5	596.9	551.4	522.9	509.3	506.4
57.5°	1136.3	1048.7	896.7	772.1	674.3	597.4	542.8	504.7	479.7	465.4	463.7
60°	1019.1	943.4	805.1	693.6	608.3	541.7	492.8	458.0	435.3	424.5	424.5
62.5°	909.8	838.1	716.9	622.5	543.4	487.6	443.8	413.1	393.7	385.8	382.9
65°	797.2	736.9	635.6	547.4	482.5	433.6	397.2	371.0	353.9	346.0	343.1
67.5°	693.0	642.4	553.1	478.5	423.3	380.7	349.4	328.3	312.4	305.0	306.1
70°	588.3	547.4	470.6	412.5	366.4	327.7	303.8	285.6	274.3	265.7	268.0
72.5°	492.2	453.5	393.7	343.1	305.6	278.8	257.8	242.4	232.7	227.6	229.3
75°	393.7	365.9	319.8	279.9	250.9	230.4	211.1	200.3	192.9	190.0	188.9
77.5°	306.1	282.2	248.7	219.1	197.4	181.5	167.9	161.0	153.6	151.9	151.9
80°	219.1	204.3	178.1	160.5	144.0	133.7	126.9	120.6	118.4	116.6	116.1
82.5°	144.5	132.0	118.4	107.0	98.4	92.2	87.1	85.9	83.1	82.5	83.1
85°	75.7	71.1	64.3	59.2	58.6	55.8	55.2	55.8	55.2	54.6	54.6
87.5°	27.3	25.0	25.0	25.6	27.3	29.0	29.6	31.9	33.0	34.1	34.7
90°	4.0	4.6	6.3	9.1	13.1	16.5	19.9	22.2	23.9	25.0	25.6
92.5°	2.3	2.3	2.8	4.6	8.5	13.1	16.5	19.3	21.6	22.8	22.8
95°	2.3	2.3	2.3	2.3	2.8	5.1	8.0	11.4	14.2	16.5	16.5
97.5°	2.3	2.3	2.3	1.7	1.7	1.7	2.3	5.1	8.5	10.8	11.4
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: AXCL8A-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)