

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: P1555000

Luminaire Tested: **AXCL8A-C-GRF**

Issue Date: 9/1/2026



Test Information

Test Method: LM-79-08
Report Number: P1555000
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-C-GRF
Description: Axcent Wall Mount Luminaire , Full Cutoff, 5000K LEDs
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8803 lumens
Efficiency: N/A
Efficacy: 134.8 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

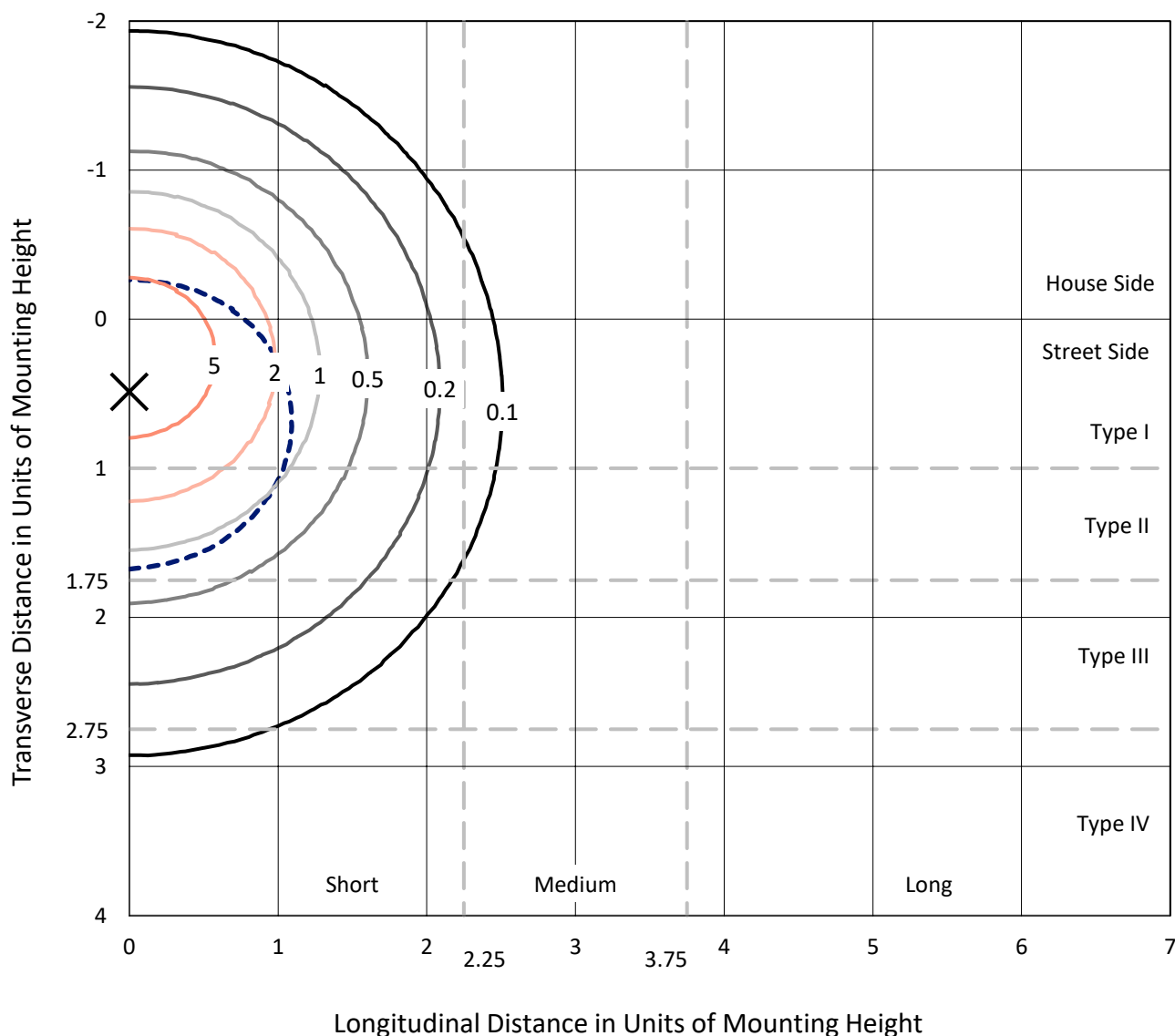
Input Watts (W): 65.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

REPORT NUMBER: P1555000
 CATALOG NUMBER: AXCL8A-C-GRF

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

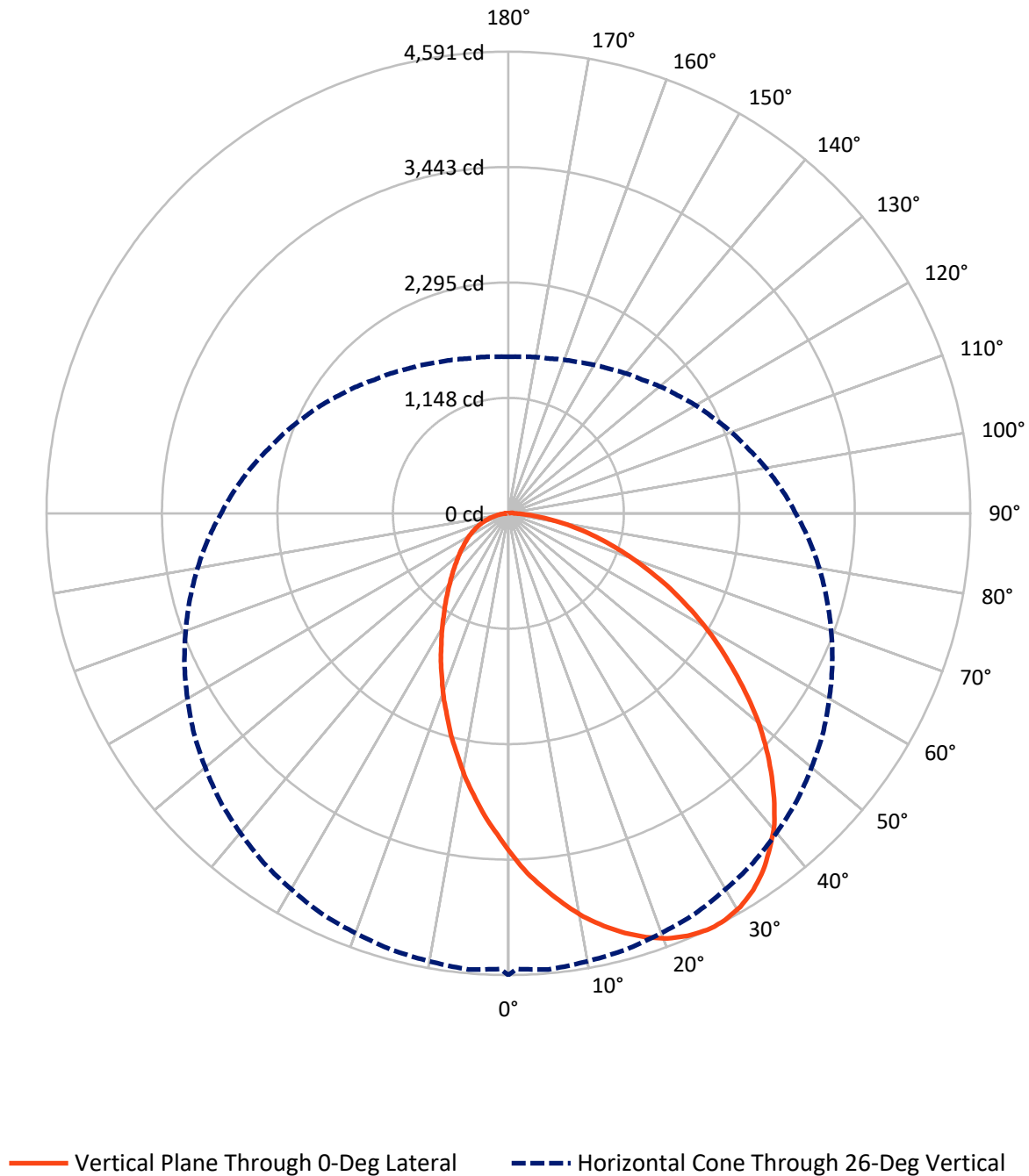


Based on 20 foot mounting height. Maximum calculated value = 9.8 fc

Type II - Short - N/A

REPORT NUMBER: P1555000
CATALOG NUMBER: AXCL8A-C-GRF

Luminous Intensity Polar Plot



REPORT NUMBER: P1555000
 CATALOG NUMBER: AXCL8A-C-GRF

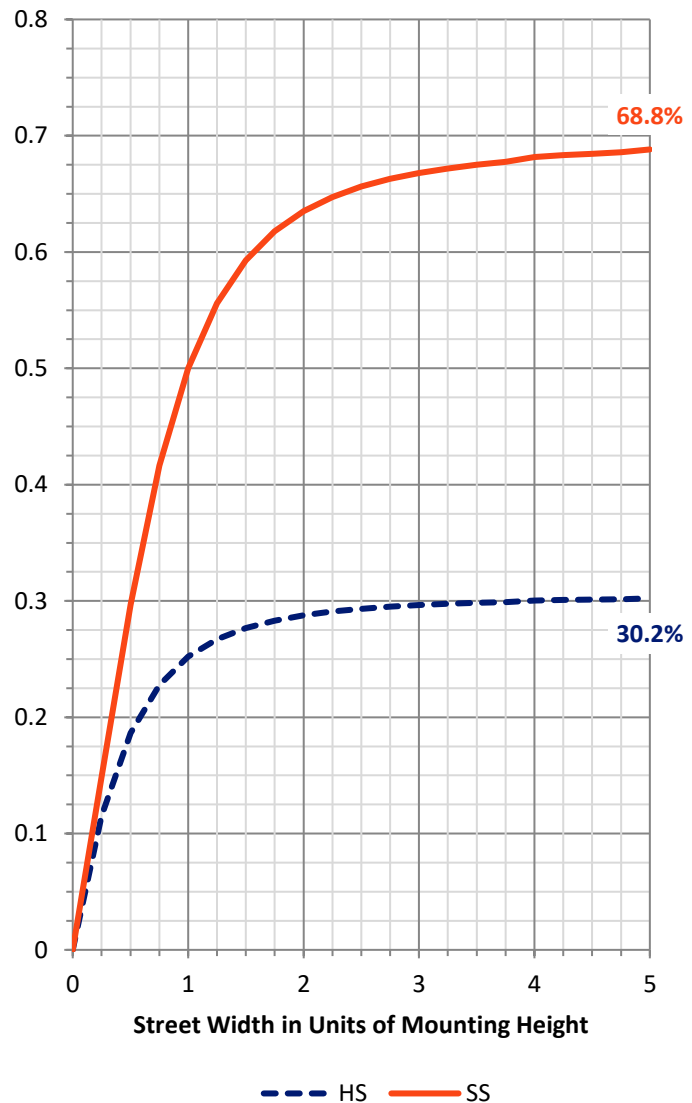
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2689.6	4.6	2694.3
	% Fixture	30.6	0.1	30.6
Street Side	Lumens	6093.0	15.7	6108.7
	% Fixture	69.2	0.2	69.4
Total	Lumens	8782.7	20.3	8803.0
	% Fixture	99.8	0.2	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	320.2	3.6
10°-20°	916.7	10.4
20°-30°	1378.2	15.7
30°-40°	1616.6	18.4
40°-50°	1591.1	18.1
50°-60°	1343.4	15.3
60°-70°	958.8	10.9
70°-80°	519.7	5.9
80°-90°	137.9	1.6
90°-100°	20.3	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°	8782.7	99.8
0°-180°	8803.0	100.0



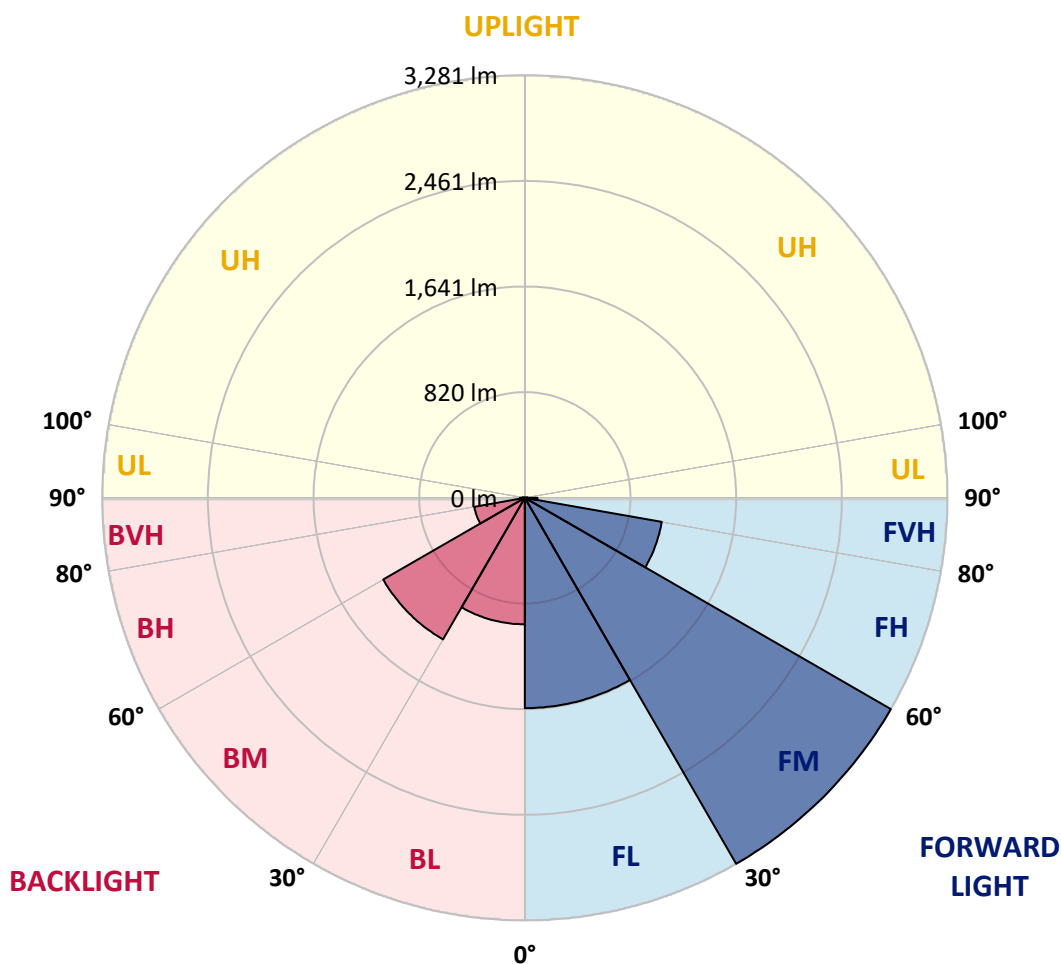
REPORT NUMBER: P1555000
 CATALOG NUMBER: AXCL8A-C-GRF

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1633.1	18.6			
FM	(30°-60°)	3281.4	37.3			
FH	(60°-80°)	1079.8	12.3			G1/1800
FVH	(80°-90°)	98.7	1.1			G1/100
BL	(0°-30°)	982.0	11.2	B2/1000		
BM	(30°-60°)	1269.8	14.4	B2/2500		
BH	(60°-80°)	398.7	4.5	B1/500		G1/500
BVH	(80°-90°)	39.1	0.4			G1/100
UL	(90°-100°)	20.3	0.2		U2/50	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U2-G1

Type II Short





REPORT NUMBER: P1555000

CATALOG NUMBER: AXCL8A-C-GRF

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3384.8	3384.8	3384.8	3384.8	3384.8	3384.8	3384.8	3384.8	3384.8	3384.8	3384.8
2.5°	3583.2	3548.9	3566.7	3563.0	3544.0	3532.4	3514.6	3485.2	3460.1	3427.0	3395.8
5°	3749.8	3715.5	3732.6	3721.0	3699.6	3662.8	3623.6	3574.6	3522.0	3457.7	3397.0
7.5°	3917.0	3876.5	3892.5	3874.7	3838.6	3793.3	3731.4	3650.6	3572.8	3479.7	3388.5
10°	4075.6	4025.4	4043.1	4017.4	3969.6	3902.3	3822.7	3721.0	3612.0	3491.3	3370.1
12.5°	4210.9	4157.6	4182.8	4147.2	4090.3	4003.9	3905.9	3779.8	3642.0	3492.6	3340.7
15°	4329.1	4280.1	4300.3	4261.1	4194.4	4095.8	3972.1	3824.5	3657.3	3482.2	3300.9
17.5°	4430.8	4382.4	4404.4	4356.1	4280.1	4165.0	4022.9	3849.6	3661.0	3457.7	3250.7
20°	4512.8	4455.3	4477.9	4426.5	4342.6	4214.0	4057.2	3861.9	3647.5	3420.3	3188.8
22.5°	4562.4	4507.3	4528.8	4474.3	4380.6	4242.2	4068.8	3856.3	3620.6	3369.5	3114.1
25°	4589.4	4530.6	4550.8	4492.0	4392.8	4247.1	4059.7	3830.0	3577.1	3307.6	3035.7
26°	4590.6	4530.6	4552.6	4492.6	4391.6	4241.5	4049.9	3815.3	3552.0	3275.2	2997.7
27.5°	4581.4	4522.0	4542.9	4482.2	4379.3	4225.0	4027.8	3787.8	3512.8	3224.9	2935.9
30°	4540.4	4483.4	4503.0	4443.0	4335.2	4177.9	3972.1	3719.2	3434.4	3132.5	2833.0
32.5°	4466.9	4408.1	4427.7	4370.2	4262.4	4097.0	3891.9	3628.5	3338.2	3027.1	2714.8
35°	4361.6	4307.1	4329.1	4266.7	4155.2	3994.1	3785.9	3521.4	3224.9	2908.9	2591.1
37.5°	4221.9	4169.9	4191.3	4130.7	4029.0	3866.1	3656.1	3389.7	3093.9	2776.7	2461.9
40°	4071.3	4012.5	4028.4	3966.6	3872.3	3706.3	3508.5	3246.4	2946.9	2637.6	2319.2
42.5°	3870.4	3824.5	3844.7	3790.2	3687.9	3531.2	3338.2	3081.6	2797.5	2485.8	2179.6
45°	3658.5	3616.3	3636.5	3583.8	3492.6	3350.5	3153.9	2909.6	2630.3	2332.7	2036.9
47.5°	3435.6	3398.3	3406.8	3364.6	3269.0	3138.0	2954.3	2719.7	2454.5	2173.4	1893.0
50°	3202.3	3163.1	3169.2	3135.5	3048.6	2927.3	2748.5	2536.0	2281.8	2019.7	1742.9
52.5°	2946.3	2920.0	2935.9	2892.4	2811.0	2698.9	2540.3	2335.7	2100.0	1852.5	1603.9
55°	2690.9	2676.8	2687.3	2650.5	2579.5	2472.3	2331.4	2142.8	1929.7	1692.7	1463.0
57.5°	2453.3	2425.8	2441.1	2412.3	2344.9	2246.9	2117.7	1942.6	1745.4	1534.7	1327.7
60°	2210.2	2196.1	2200.4	2162.4	2113.4	2023.4	1903.4	1751.5	1567.2	1385.9	1186.8
62.5°	1964.6	1944.4	1956.6	1926.6	1873.4	1799.9	1700.7	1559.8	1401.2	1230.3	1061.3
65°	1728.2	1712.9	1716.0	1692.1	1662.7	1586.8	1491.2	1371.8	1230.3	1081.5	931.5
67.5°	1491.8	1501.0	1488.8	1467.3	1436.1	1377.3	1294.6	1188.1	1069.3	941.3	805.3
70°	1270.1	1275.0	1270.1	1255.4	1223.6	1184.4	1105.4	1022.1	912.5	797.4	690.2
72.5°	1057.0	1070.5	1065.6	1052.1	1023.3	978.0	919.2	849.4	761.8	664.5	575.7
75°	861.7	860.4	871.5	850.6	831.0	788.8	744.7	682.8	614.9	540.8	459.3
77.5°	673.0	674.9	668.1	662.0	644.9	621.0	586.7	531.0	478.3	415.8	354.0
80°	486.9	496.7	495.4	486.3	475.8	454.4	429.3	391.9	345.4	301.3	256.6
82.5°	328.9	344.8	334.4	331.3	324.0	305.6	287.2	259.7	233.9	202.7	167.2
85°	192.3	210.1	201.5	200.3	195.4	180.0	168.4	151.9	129.8	110.8	90.6
87.5°	90.6	112.1	104.7	100.4	95.5	88.8	80.2	71.0	58.2	45.3	32.5
90°	47.8	69.2	59.4	57.0	53.3	47.8	39.8	31.2	22.0	13.5	5.5
92.5°	45.3	66.8	56.3	54.5	50.2	44.1	36.1	27.6	18.4	9.8	3.1
95°	44.1	64.9	55.1	53.3	49.0	42.3	34.9	26.3	17.1	9.2	2.4
97.5°	42.3	62.5	53.3	50.8	47.2	41.0	33.1	24.5	15.9	7.3	2.4
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



REPORT NUMBER: P1555000
 CATALOG NUMBER: AXCL8A-C-GRF

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



REPORT NUMBER: P1555000

CATALOG NUMBER: AXCL8A-C-GRF

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3384.8	3384.8	3384.8	3384.8	3384.8	3384.8	3384.8	3384.8	3384.8	3384.8	3384.8
2.5°	3379.3	3365.8	3335.2	3303.3	3277.6	3247.0	3232.9	3212.7	3204.1	3197.4	3190.7
5°	3363.4	3335.2	3275.8	3212.7	3161.9	3109.8	3080.4	3043.1	3023.5	3006.9	3015.5
7.5°	3340.7	3294.1	3204.1	3120.8	3039.4	2966.5	2915.7	2874.0	2844.0	2819.5	2821.4
10°	3307.6	3247.6	3130.6	3019.2	2911.4	2823.8	2759.5	2703.8	2656.0	2643.8	2641.3
12.5°	3263.5	3190.7	3044.3	2907.1	2784.6	2681.7	2593.6	2524.4	2477.8	2455.8	2447.2
15°	3209.6	3122.1	2952.4	2794.4	2651.1	2527.4	2431.3	2354.7	2309.4	2273.9	2276.3
17.5°	3145.3	3046.7	2850.2	2673.8	2517.0	2379.8	2269.6	2193.6	2126.9	2098.1	2092.6
20°	3072.5	2962.8	2748.5	2553.1	2376.8	2232.2	2112.2	2024.6	1959.7	1933.4	1931.5
22.5°	2989.2	2871.6	2636.4	2423.9	2241.4	2080.4	1959.7	1862.3	1802.9	1767.4	1763.7
25°	2896.7	2767.5	2517.0	2294.7	2100.6	1938.9	1811.5	1713.5	1648.6	1620.4	1616.1
26°	2855.1	2726.4	2470.5	2246.9	2048.5	1878.9	1752.7	1656.0	1591.7	1562.3	1556.7
27.5°	2795.0	2654.8	2396.4	2166.1	1963.4	1803.5	1670.0	1576.3	1502.2	1471.0	1466.1
30°	2680.5	2541.5	2270.2	2035.0	1832.9	1667.6	1535.3	1438.5	1376.1	1342.4	1341.8
32.5°	2559.9	2414.7	2145.9	1904.0	1701.3	1534.1	1409.2	1315.5	1253.0	1219.9	1215.0
35°	2436.8	2288.0	2021.0	1779.0	1580.0	1416.5	1291.6	1200.9	1142.1	1108.5	1109.1
37.5°	2300.8	2156.9	1887.4	1652.9	1461.2	1306.9	1184.4	1096.2	1042.9	1011.7	1009.9
40°	2163.6	2024.0	1761.3	1536.5	1347.9	1198.5	1083.4	1002.5	951.1	922.3	918.6
42.5°	2030.7	1888.7	1633.9	1418.3	1241.4	1099.9	990.3	919.2	867.8	845.7	841.5
45°	1893.6	1760.7	1509.0	1307.5	1136.6	1009.9	908.8	840.8	794.3	772.9	770.4
47.5°	1750.3	1624.1	1398.7	1203.4	1046.0	924.1	832.9	771.6	730.0	708.6	704.9
50°	1615.5	1499.8	1279.3	1103.6	957.2	848.2	766.7	708.6	668.8	650.4	647.3
52.5°	1485.1	1370.0	1170.3	1009.3	875.7	774.7	701.2	647.3	613.6	597.1	597.1
55°	1352.8	1247.5	1065.6	918.6	799.2	705.5	642.4	593.4	562.8	548.1	545.0
57.5°	1223.0	1128.7	965.2	831.0	725.7	643.0	584.2	543.2	516.3	501.0	499.1
60°	1096.8	1015.4	866.6	746.5	654.7	583.0	530.3	493.0	468.5	456.9	456.9
62.5°	979.2	902.1	771.6	670.0	584.9	524.8	477.7	444.6	423.8	415.2	412.2
65°	858.0	793.1	684.1	589.1	519.3	466.7	427.5	399.3	380.9	372.3	369.3
67.5°	745.9	691.4	595.3	515.0	455.6	409.7	376.0	353.4	336.2	328.3	329.5
70°	633.2	589.1	506.5	444.0	394.4	352.7	327.0	307.4	295.2	286.0	288.4
72.5°	529.7	488.1	423.8	369.3	328.9	300.1	277.4	260.9	250.5	245.0	246.8
75°	423.8	393.8	344.2	301.3	270.1	248.0	227.2	215.6	207.6	204.5	203.3
77.5°	329.5	303.8	267.6	235.8	212.5	195.4	180.7	173.3	165.4	163.5	163.5
80°	235.8	219.9	191.7	172.7	154.9	143.9	136.6	129.8	127.4	125.5	124.9
82.5°	155.6	142.1	127.4	115.1	105.9	99.2	93.7	92.5	89.4	88.8	89.4
85°	81.5	76.6	69.2	63.7	63.1	60.0	59.4	60.0	59.4	58.8	58.8
87.5°	29.4	26.9	26.9	27.6	29.4	31.2	31.8	34.3	35.5	36.7	37.4
90°	4.3	4.9	6.7	9.8	14.1	17.8	21.4	23.9	25.7	26.9	27.6
92.5°	2.4	2.4	3.1	4.9	9.2	14.1	17.8	20.8	23.3	24.5	24.5
95°	2.4	2.4	2.4	2.4	3.1	5.5	8.6	12.2	15.3	17.8	17.8
97.5°	2.4	2.4	2.4	1.8	1.8	1.8	2.4	5.5	9.2	11.6	12.2
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: P1555000
 CATALOG NUMBER: AXCL8A-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)