

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: P1554976

Luminaire Tested: **AXCL10A-W-GRF**

Issue Date: 9/1/2026



Test Information

Test Method: LM-79-08
Report Number: P1554976
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-W-GRF
Description: Axcent Wall Mount Luminaire , Full Cutoff, 3000K LEDs
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10706 lumens
Efficiency: N/A
Efficacy: 120.2 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

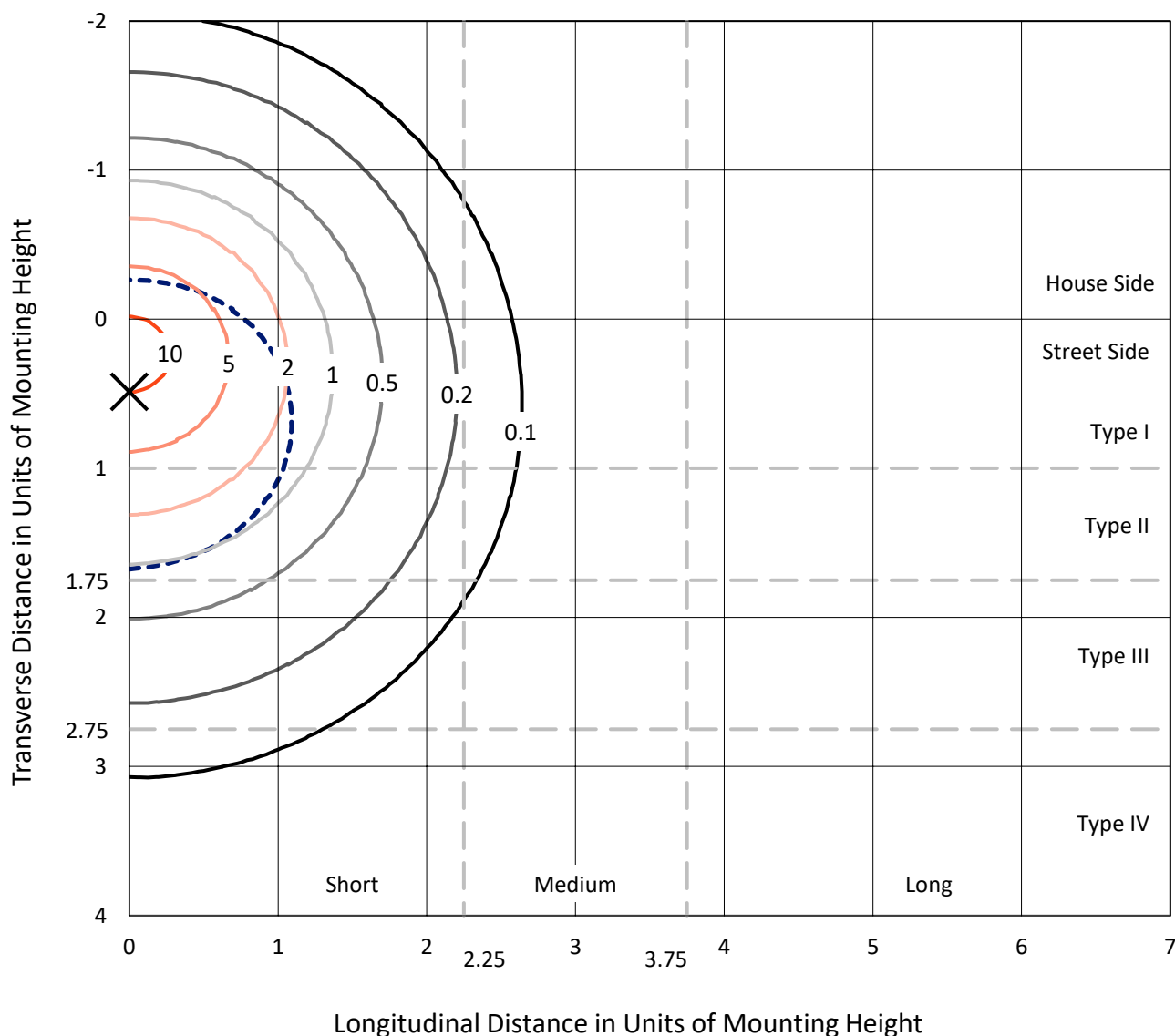
Input Watts (W): 89.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

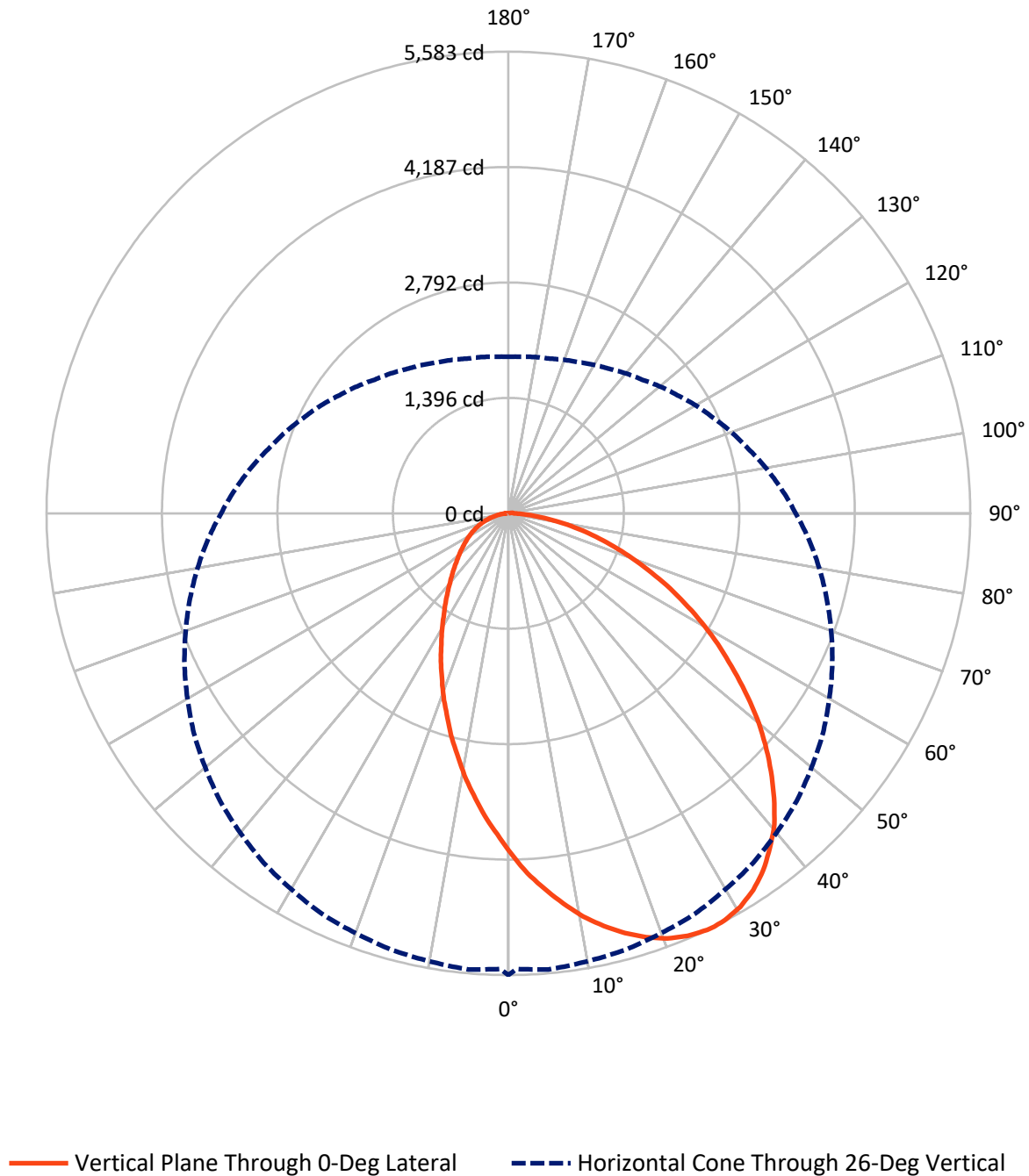
--- 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 11.9 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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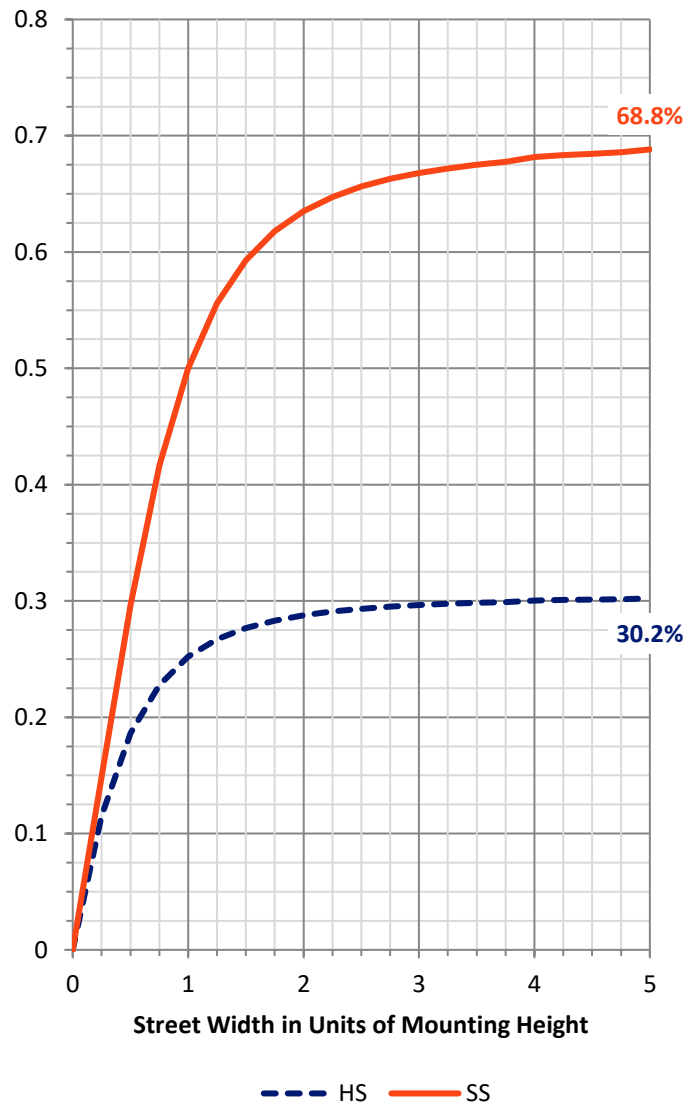
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3271.1	5.6	3276.7
	% Fixture	30.6	0.1	30.6
Street Side	Lumens	7410.2	19.1	7429.3
	% Fixture	69.2	0.2	69.4
Total	Lumens	10681.2	24.8	10706.0
	% Fixture	99.8	0.2	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	389.4	3.6
10°-20°	1114.9	10.4
20°-30°	1676.1	15.7
30°-40°	1966.1	18.4
40°-50°	1935.1	18.1
50°-60°	1633.9	15.3
60°-70°	1166.0	10.9
70°-80°	632.1	5.9
80°-90°	167.7	1.6
90°-100°	24.8	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°	10681.2	99.8
0°-180°	10706.0	100.0



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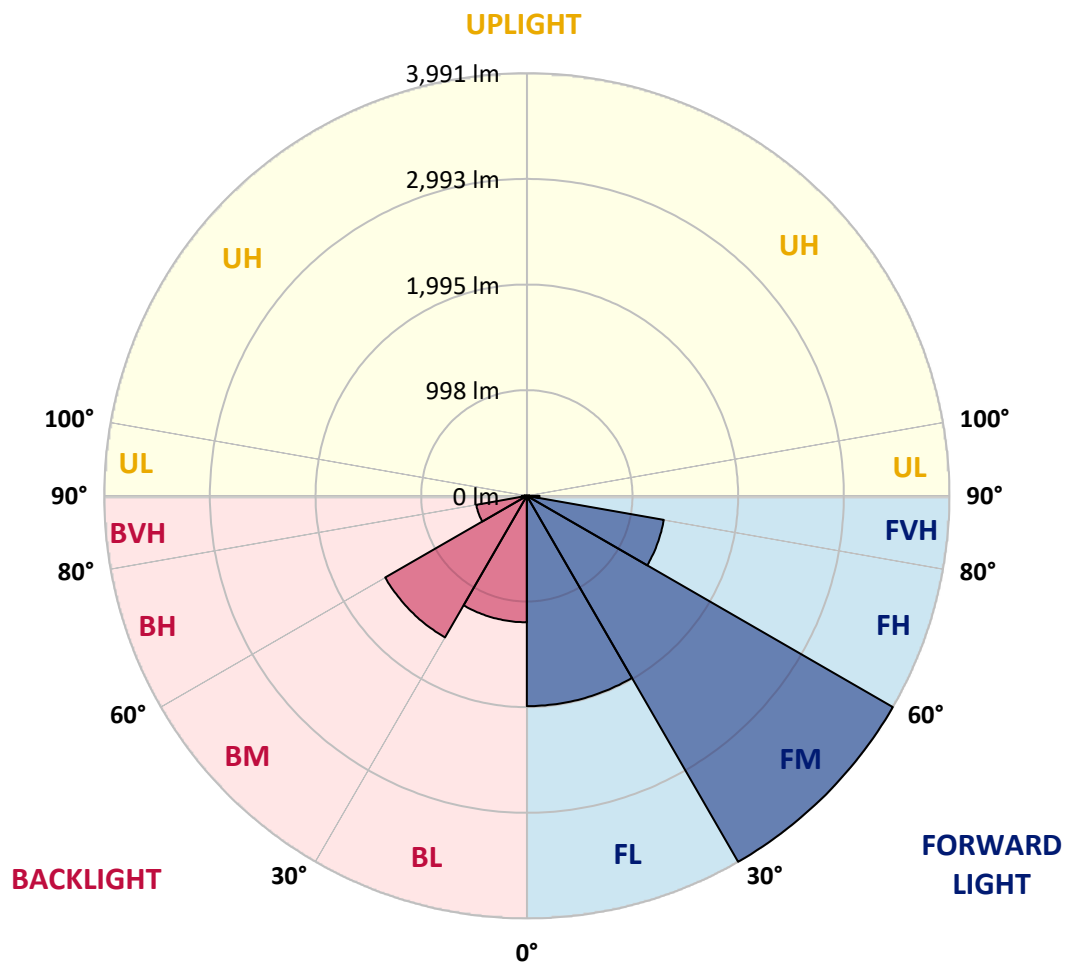
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1986.1	18.6			
FM	(30°-60°)	3990.7	37.3			
FH	(60°-80°)	1313.2	12.3			G1/1800
FVH	(80°-90°)	120.1	1.1			G2/225
BL	(0°-30°)	1194.3	11.2	B3/2500		
BM	(30°-60°)	1544.3	14.4	B2/2500		
BH	(60°-80°)	484.8	4.5	B1/500		G1/500
BVH	(80°-90°)	47.6	0.4			G1/100
UL	(90°-100°)	24.8	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°	4116.5	4116.5	4116.5	4116.5	4116.5	4116.5	4116.5	4116.5	4116.5	4116.5	4116.5
2.5°	4357.8	4316.1	4337.7	4333.2	4310.1	4296.0	4274.4	4238.6	4208.1	4167.9	4129.9
5°	4560.4	4518.7	4539.5	4525.4	4499.3	4454.6	4407.0	4347.4	4283.3	4205.1	4131.4
7.5°	4763.7	4714.6	4733.9	4712.3	4668.4	4613.3	4538.1	4439.7	4345.1	4231.9	4121.0
10°	4956.6	4895.6	4917.2	4885.9	4827.8	4745.8	4649.0	4525.4	4392.8	4246.1	4098.6
12.5°	5121.2	5056.4	5087.0	5043.8	4974.5	4869.5	4750.3	4596.9	4429.3	4247.6	4062.9
15°	5265.0	5205.4	5230.0	5182.3	5101.1	4981.2	4830.8	4651.3	4447.9	4234.9	4014.5
17.5°	5388.6	5329.8	5356.6	5297.7	5205.4	5065.4	4892.6	4681.8	4452.4	4205.1	3953.4
20°	5488.4	5418.4	5446.0	5383.4	5281.4	5125.0	4934.3	4696.7	4436.0	4159.7	3878.2
22.5°	5548.7	5481.7	5507.8	5441.5	5327.5	5159.2	4948.4	4690.0	4403.2	4097.9	3787.3
25°	5581.5	5510.0	5534.6	5463.1	5342.4	5165.2	4937.3	4658.0	4350.4	4022.7	3692.0
26°	5583.0	5510.0	5536.8	5463.8	5340.9	5158.5	4925.3	4640.1	4319.8	3983.2	3645.8
27.5°	5571.8	5499.6	5524.9	5451.2	5326.0	5138.4	4898.5	4606.6	4272.2	3922.1	3570.6
30°	5521.9	5452.7	5476.5	5403.5	5272.4	5081.0	4830.8	4523.2	4176.8	3809.6	3445.4
32.5°	5432.6	5361.1	5384.9	5314.9	5183.8	4982.7	4733.2	4412.9	4059.9	3681.5	3301.7
35°	5304.4	5238.2	5265.0	5189.0	5053.5	4857.6	4604.3	4282.6	3922.1	3537.8	3151.2
37.5°	5134.6	5071.3	5097.4	5023.7	4900.0	4701.9	4446.4	4122.5	3762.7	3376.9	2994.1
40°	4951.4	4879.9	4899.3	4824.1	4709.4	4507.5	4266.9	3948.2	3584.0	3207.8	2820.5
42.5°	4707.1	4651.3	4675.8	4609.6	4485.2	4294.5	4059.9	3747.8	3402.2	3023.1	2650.7
45°	4449.4	4398.0	4422.6	4358.6	4247.6	4074.8	3835.7	3538.5	3198.9	2836.9	2477.2
47.5°	4178.3	4132.9	4143.3	4091.9	3975.7	3816.3	3592.9	3307.6	2985.1	2643.3	2302.2
50°	3894.5	3846.9	3854.3	3813.4	3707.6	3560.1	3342.7	3084.2	2775.1	2456.3	2119.7
52.5°	3583.2	3551.2	3570.6	3517.7	3418.6	3282.3	3089.4	2840.7	2553.9	2253.0	1950.6
55°	3272.6	3255.5	3268.2	3223.5	3137.1	3006.7	2835.4	2606.0	2346.9	2058.6	1779.3
57.5°	2983.7	2950.1	2968.8	2933.8	2851.8	2732.7	2575.5	2362.5	2122.7	1866.5	1614.7
60°	2688.0	2670.8	2676.1	2629.9	2570.3	2460.8	2314.8	2130.1	1905.9	1685.5	1443.4
62.5°	2389.3	2364.7	2379.6	2343.1	2278.3	2189.0	2068.3	1897.0	1704.1	1496.3	1290.7
65°	2101.8	2083.2	2086.9	2057.9	2022.1	1929.8	1813.6	1668.3	1496.3	1315.3	1132.8
67.5°	1814.3	1825.5	1810.6	1784.5	1746.6	1675.0	1574.5	1444.9	1300.4	1144.8	979.4
70°	1544.7	1550.7	1544.7	1526.8	1488.1	1440.4	1344.4	1243.1	1109.7	969.7	839.4
72.5°	1285.5	1301.9	1295.9	1279.6	1244.6	1189.4	1117.9	1033.0	926.5	808.1	700.1
75°	1047.9	1046.4	1059.8	1034.5	1010.7	959.3	905.7	830.4	747.8	657.7	558.6
77.5°	818.5	820.8	812.6	805.1	784.3	755.2	713.5	645.7	581.7	505.7	430.5
80°	592.1	604.0	602.5	591.4	578.7	552.6	522.1	476.7	420.1	366.4	312.1
82.5°	400.0	419.3	406.7	402.9	394.0	371.7	349.3	315.8	284.5	246.5	203.3
85°	233.9	255.5	245.0	243.5	237.6	219.0	204.8	184.7	157.9	134.8	110.2
87.5°	110.2	136.3	127.4	122.1	116.2	108.0	97.6	86.4	70.8	55.1	39.5
90°	58.1	84.2	72.2	69.3	64.8	58.1	48.4	38.0	26.8	16.4	6.7
92.5°	55.1	81.2	68.5	66.3	61.1	53.6	43.9	33.5	22.3	11.9	3.7
95°	53.6	78.9	67.0	64.8	59.6	51.4	42.5	32.0	20.9	11.2	3.0
97.5°	51.4	76.0	64.8	61.8	57.3	49.9	40.2	29.8	19.4	8.9	3.0
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°	4116.5	4116.5	4116.5	4116.5	4116.5	4116.5	4116.5	4116.5	4116.5	4116.5	4116.5
2.5°	4109.8	4093.4	4056.2	4017.4	3986.2	3948.9	3931.8	3907.2	3896.8	3888.6	3880.4
5°	4090.4	4056.2	3983.9	3907.2	3845.4	3782.1	3746.3	3700.9	3677.1	3657.0	3667.4
7.5°	4062.9	4006.3	3896.8	3795.5	3696.4	3607.8	3546.0	3495.3	3458.8	3429.0	3431.3
10°	4022.7	3949.7	3807.4	3671.9	3540.8	3434.3	3356.1	3288.3	3230.2	3215.3	3212.3
12.5°	3969.0	3880.4	3702.4	3535.6	3386.6	3261.5	3154.2	3070.1	3013.5	2986.6	2976.2
15°	3903.5	3797.0	3590.7	3398.5	3224.2	3073.8	2956.8	2863.7	2808.6	2765.4	2768.4
17.5°	3825.3	3705.4	3466.3	3251.8	3061.1	2894.3	2760.2	2667.9	2586.7	2551.7	2545.0
20°	3736.6	3603.3	3342.7	3105.1	2890.6	2714.8	2568.8	2462.3	2383.4	2351.3	2349.1
22.5°	3635.4	3492.4	3206.4	2947.9	2726.0	2530.1	2383.4	2264.9	2192.7	2149.5	2145.0
25°	3522.9	3365.7	3061.1	2790.8	2554.7	2358.0	2203.1	2083.9	2005.0	1970.7	1965.5
26°	3472.2	3315.8	3004.5	2732.7	2491.3	2285.0	2131.6	2013.9	1935.7	1900.0	1893.3
27.5°	3399.3	3228.7	2914.4	2634.3	2387.8	2193.4	2031.1	1917.1	1827.0	1789.0	1783.0
30°	3260.0	3090.9	2761.0	2475.0	2229.2	2028.1	1867.2	1749.5	1673.6	1632.6	1631.9
32.5°	3113.3	2936.7	2609.8	2315.6	2069.0	1865.7	1713.8	1599.8	1523.9	1483.6	1477.7
35°	2963.5	2782.6	2457.8	2163.6	1921.6	1722.7	1570.8	1460.5	1389.0	1348.1	1348.8
37.5°	2798.2	2623.2	2295.5	2010.2	1777.1	1589.4	1440.4	1333.2	1268.4	1230.4	1228.2
40°	2631.4	2461.6	2142.0	1868.7	1639.3	1457.6	1317.5	1219.2	1156.7	1121.7	1117.2
42.5°	2469.7	2297.0	1987.1	1725.0	1509.7	1337.7	1204.3	1117.9	1055.4	1028.6	1023.4
45°	2302.9	2141.3	1835.2	1590.1	1382.3	1228.2	1105.3	1022.6	966.0	939.9	937.0
47.5°	2128.6	1975.2	1701.1	1463.5	1272.1	1123.9	1012.9	938.4	887.8	861.7	857.3
50°	1964.8	1824.0	1555.9	1342.1	1164.1	1031.5	932.5	861.7	813.3	791.0	787.3
52.5°	1806.1	1666.1	1423.3	1227.4	1065.1	942.2	852.8	787.3	746.3	726.2	726.2
55°	1645.3	1517.2	1295.9	1117.2	972.0	858.0	781.3	721.7	684.5	666.6	662.9
57.5°	1487.4	1372.7	1173.8	1010.7	882.6	782.0	710.5	660.6	627.9	609.2	607.0
60°	1333.9	1234.9	1053.9	907.9	796.2	709.0	645.0	599.6	569.8	555.6	555.6
62.5°	1190.9	1097.1	938.4	814.8	711.3	638.3	580.9	540.7	515.4	505.0	501.2
65°	1043.5	964.5	831.9	716.5	631.6	567.5	519.9	485.6	463.3	452.8	449.1
67.5°	907.2	840.9	723.9	626.4	554.1	498.3	457.3	429.7	408.9	399.2	400.7
70°	770.1	716.5	615.9	540.0	479.6	429.0	397.7	373.9	359.0	347.8	350.8
72.5°	644.2	593.6	515.4	449.1	400.0	365.0	337.4	317.3	304.6	297.9	300.2
75°	515.4	478.9	418.6	366.4	328.5	301.6	276.3	262.2	252.5	248.8	247.3
77.5°	400.7	369.4	325.5	286.7	258.4	237.6	219.7	210.8	201.1	198.9	198.9
80°	286.7	267.4	233.1	210.0	188.4	175.0	166.1	157.9	154.9	152.7	151.9
82.5°	189.2	172.8	154.9	140.0	128.8	120.7	114.0	112.5	108.7	108.0	108.7
85°	99.1	93.1	84.2	77.5	76.7	73.0	72.2	73.0	72.2	71.5	71.5
87.5°	35.8	32.8	32.8	33.5	35.8	38.0	38.7	41.7	43.2	44.7	45.4
90°	5.2	6.0	8.2	11.9	17.1	21.6	26.1	29.0	31.3	32.8	33.5
92.5°	3.0	3.0	3.7	6.0	11.2	17.1	21.6	25.3	28.3	29.8	29.8
95°	3.0	3.0	3.0	3.0	3.7	6.7	10.4	14.9	18.6	21.6	21.6
97.5°	3.0	3.0	3.0	2.2	2.2	2.2	3.0	6.7	11.2	14.2	14.9
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



REPORT NUMBER: P1554976
 CATALOG NUMBER: AXCL10A-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)