

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: P1554982

Luminaire Tested: **AXCL12A-C-GRF**

Issue Date: 9/1/2026



Test Information

Test Method: LM-79-08
Report Number: P1554982
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: AXCL12A-C-GRF
Description: Axcent Wall Mount Luminaire , Full Cutoff, 5000K LEDs
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14177 lumens
Efficiency: N/A
Efficacy: 123.0 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

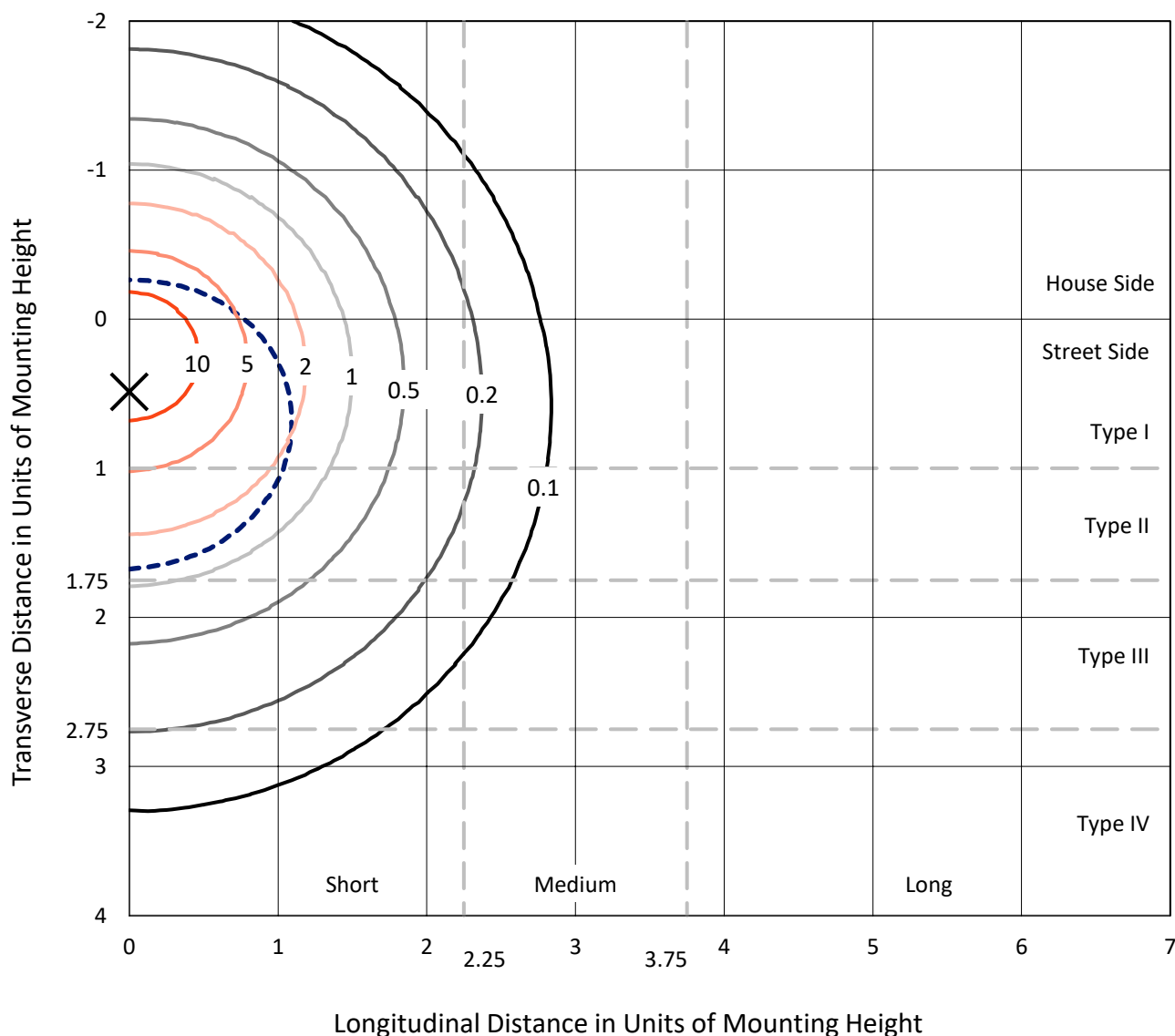
Input Watts (W): 115.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

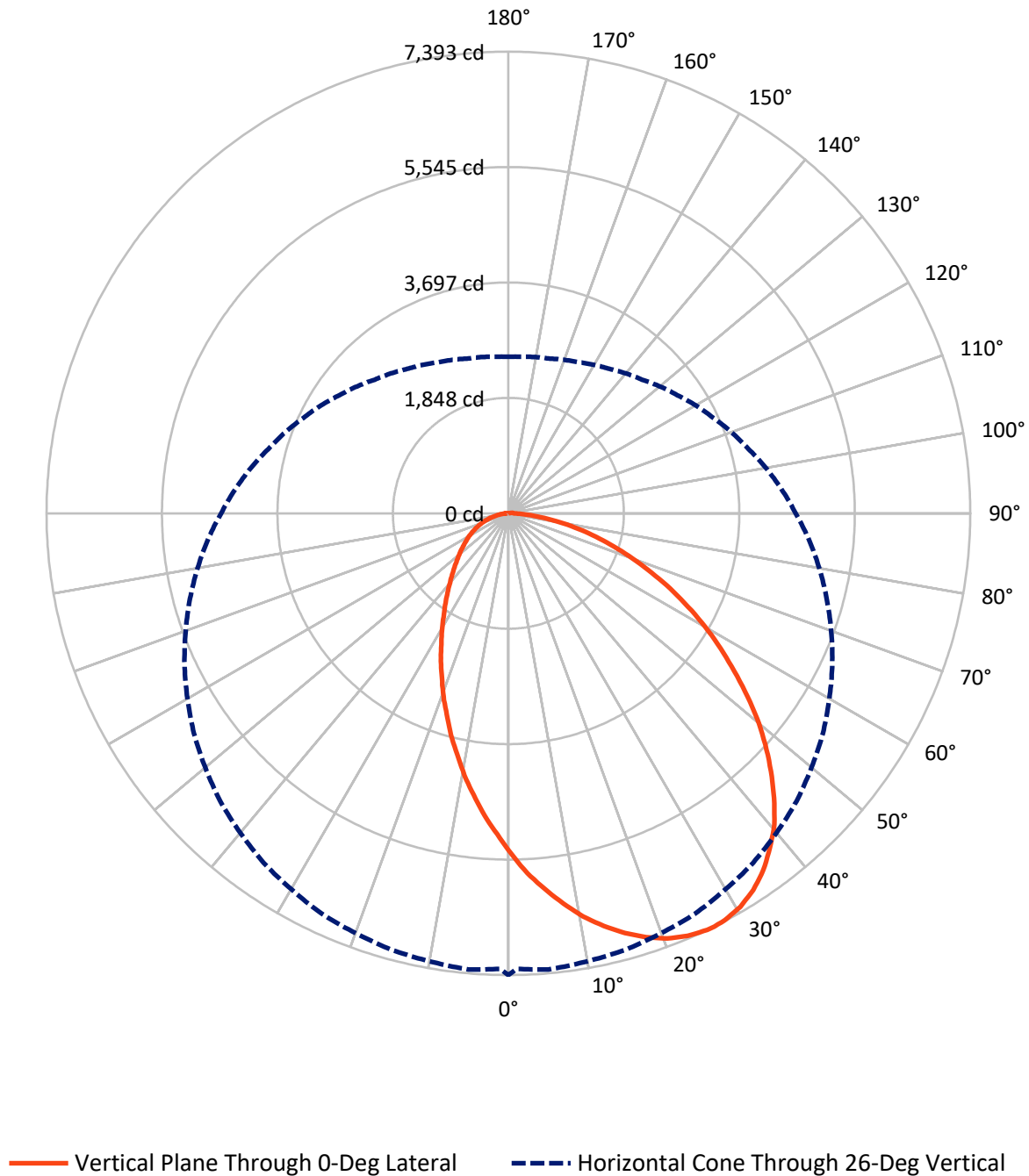


Based on 20 foot mounting height. Maximum calculated value = 15.7 fc

Type II - Short - N/A

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Luminous Intensity Polar Plot



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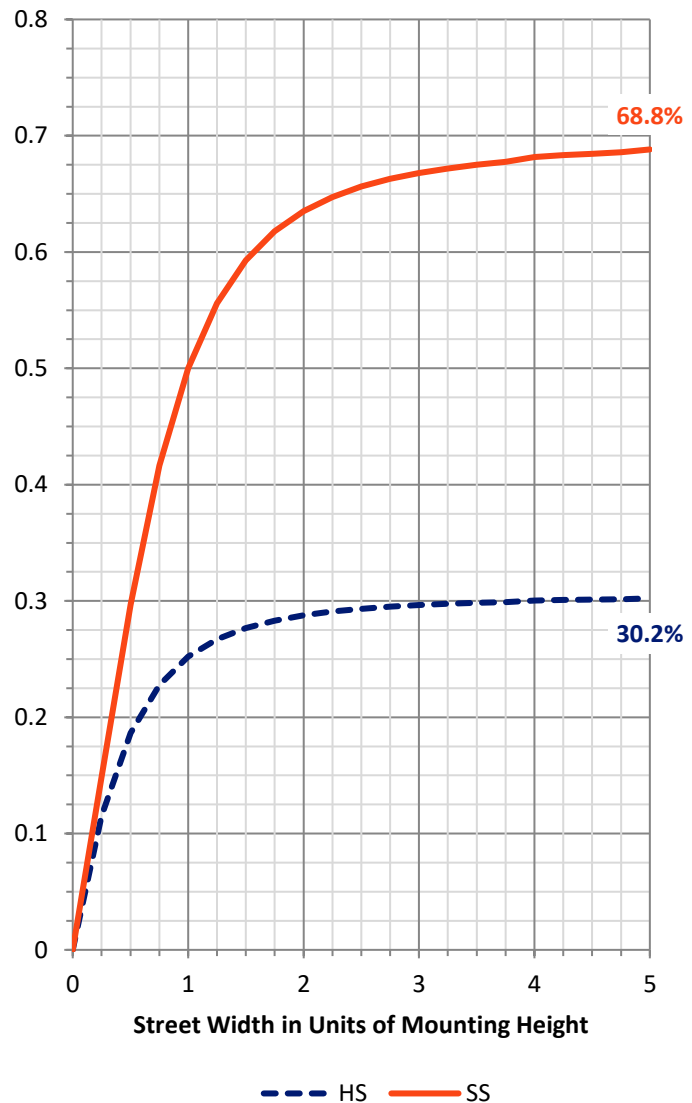
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4331.6	7.5	4339.0
	% Fixture	30.6	0.1	30.6
Street Side	Lumens	9812.6	25.3	9837.9
	% Fixture	69.2	0.2	69.4
Total	Lumens	14144.2	32.8	14177.0
	% Fixture	99.8	0.2	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	515.6	3.6
10°-20°	1476.4	10.4
20°-30°	2219.5	15.7
30°-40°	2603.6	18.4
40°-50°	2562.5	18.1
50°-60°	2163.6	15.3
60°-70°	1544.1	10.9
70°-80°	837.0	5.9
80°-90°	222.0	1.6
90°-100°	32.8	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°	14144.2	99.8
0°-180°	14177.0	100.0



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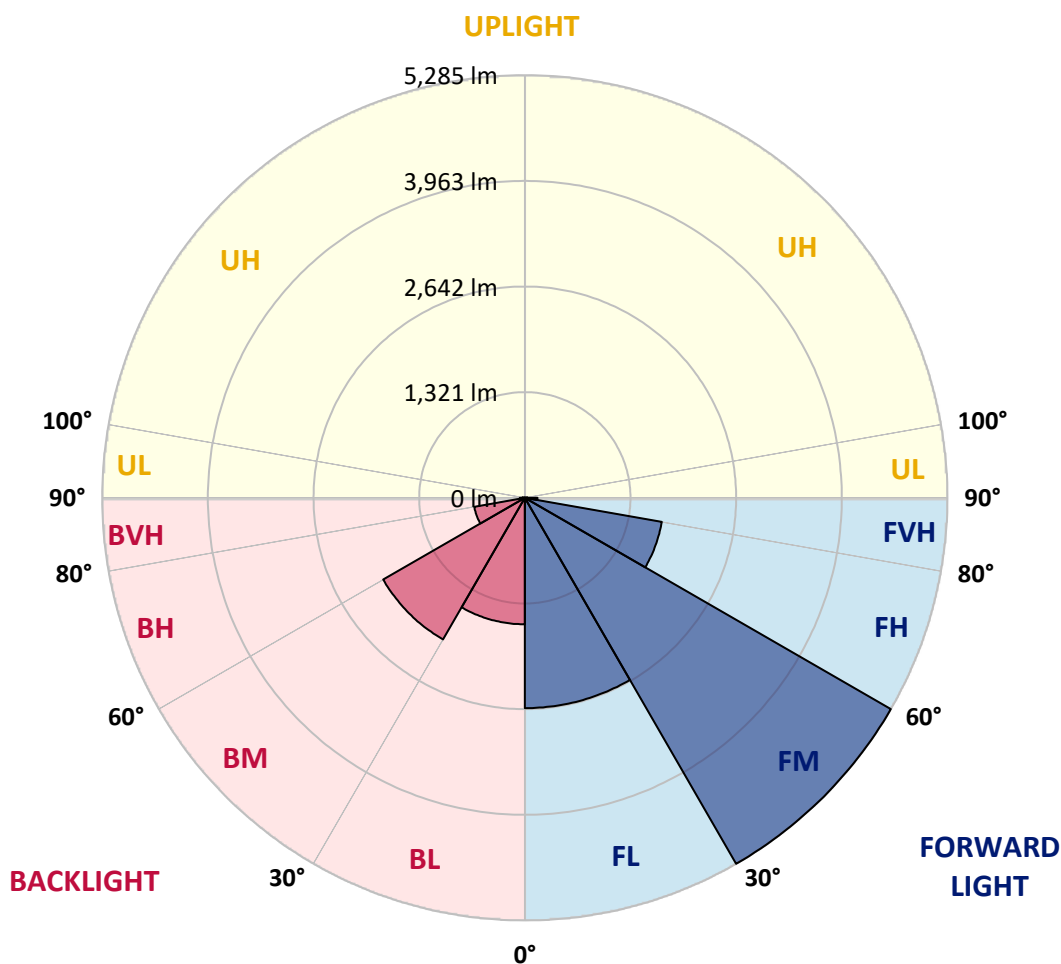
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2630.0	18.6			
FM	(30°-60°)	5284.6	37.3			
FH	(60°-80°)	1739.0	12.3			G1/1800
FVH	(80°-90°)	159.0	1.1			G2/225
BL	(0°-30°)	1581.5	11.2	B3/2500		
BM	(30°-60°)	2045.0	14.4	B2/2500		
BH	(60°-80°)	642.0	4.5	B2/1000		G2/1000
BVH	(80°-90°)	63.0	0.4			G1/100
UL	(90°-100°)	32.8	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°	5451.1	5451.1	5451.1	5451.1	5451.1	5451.1	5451.1	5451.1	5451.1	5451.1	5451.1
2.5°	5770.7	5715.4	5744.0	5738.1	5707.5	5688.8	5660.2	5612.9	5572.4	5519.2	5468.9
5°	6038.9	5983.7	6011.3	5992.6	5958.0	5898.9	5835.8	5756.9	5672.0	5568.5	5470.8
7.5°	6308.2	6243.1	6268.7	6240.1	6181.9	6108.9	6009.3	5879.1	5753.9	5604.0	5457.0
10°	6563.6	6482.7	6511.3	6469.9	6393.0	6284.5	6156.3	5992.6	5817.0	5622.7	5427.4
12.5°	6781.6	6695.8	6736.2	6679.0	6587.3	6448.2	6290.4	6087.3	5865.3	5624.7	5380.1
15°	6971.9	6893.0	6925.6	6862.5	6755.0	6596.2	6396.9	6159.2	5890.0	5607.9	5316.0
17.5°	7135.7	7057.7	7093.2	7015.3	6893.0	6707.6	6478.8	6199.7	5895.9	5568.5	5235.1
20°	7267.8	7175.1	7211.6	7128.8	6993.6	6786.5	6534.0	6219.4	5874.2	5508.3	5135.5
22.5°	7347.7	7258.9	7293.5	7205.7	7054.8	6831.9	6552.8	6210.5	5830.8	5426.5	5015.2
25°	7391.1	7296.4	7329.0	7234.3	7074.5	6839.8	6538.0	6168.1	5760.8	5326.8	4888.9
26°	7393.1	7296.4	7331.9	7235.3	7072.5	6830.9	6522.2	6144.5	5720.4	5274.6	4827.8
27.5°	7378.3	7282.6	7316.1	7218.5	7052.8	6804.3	6486.7	6100.1	5657.2	5193.7	4728.2
30°	7312.2	7220.5	7252.0	7155.4	6981.8	6728.3	6396.9	5989.6	5531.0	5044.8	4562.5
32.5°	7193.8	7099.2	7130.7	7038.0	6864.4	6598.1	6267.7	5843.6	5376.2	4875.1	4372.1
35°	7024.2	6936.4	6971.9	6871.3	6691.8	6432.4	6097.1	5671.0	5193.7	4684.8	4172.9
37.5°	6799.3	6715.5	6750.0	6652.4	6488.7	6226.3	5888.0	5459.0	4982.6	4471.7	3964.8
40°	6556.7	6462.0	6487.7	6388.1	6236.2	5968.9	5650.3	5228.2	4745.9	4247.9	3735.0
42.5°	6233.2	6159.2	6191.8	6104.0	5939.3	5686.8	5376.2	4962.9	4505.3	4003.3	3510.1
45°	5892.0	5823.9	5856.5	5771.6	5624.7	5395.9	5079.3	4685.8	4236.0	3756.7	3280.3
47.5°	5533.0	5472.8	5486.6	5418.6	5264.7	5053.6	4757.8	4380.0	3953.0	3500.3	3048.6
50°	5157.2	5094.1	5103.9	5049.7	4909.6	4714.4	4426.4	4084.1	3674.8	3252.7	2806.9
52.5°	4744.9	4702.5	4728.2	4658.1	4527.0	4346.5	4091.0	3761.6	3381.9	2983.5	2583.0
55°	4333.7	4311.0	4327.7	4268.6	4154.2	3981.6	3754.7	3451.0	3107.7	2726.0	2356.2
57.5°	3951.0	3906.6	3931.3	3884.9	3776.4	3618.6	3410.5	3128.4	2810.9	2471.6	2138.2
60°	3559.4	3536.8	3543.7	3482.5	3403.6	3258.6	3065.3	2820.7	2523.9	2231.9	1911.4
62.5°	3164.0	3131.4	3151.1	3102.8	3017.0	2898.6	2738.9	2512.0	2256.6	1981.4	1709.2
65°	2783.3	2758.6	2763.5	2725.1	2677.7	2555.4	2401.6	2209.2	1981.4	1741.8	1500.1
67.5°	2402.6	2417.3	2397.6	2363.1	2312.8	2218.1	2085.0	1913.4	1722.0	1515.9	1296.9
70°	2045.5	2053.4	2045.5	2021.9	1970.6	1907.4	1780.2	1646.1	1469.5	1284.1	1111.5
72.5°	1702.3	1724.0	1716.1	1694.4	1648.1	1575.1	1480.4	1368.0	1226.9	1070.1	927.1
75°	1387.7	1385.7	1403.5	1369.9	1338.4	1270.3	1199.3	1099.7	990.2	870.9	739.7
77.5°	1083.9	1086.9	1076.0	1066.2	1038.5	1000.1	944.8	855.1	770.3	669.7	570.1
80°	784.1	799.9	797.9	783.1	766.3	731.8	691.4	631.2	556.3	485.2	413.2
82.5°	529.6	555.3	538.5	533.6	521.7	492.1	462.6	418.2	376.8	326.5	269.3
85°	309.7	338.3	324.5	322.5	314.6	290.0	271.2	244.6	209.1	178.5	146.0
87.5°	146.0	180.5	168.7	161.7	153.9	143.0	129.2	114.4	93.7	73.0	52.3
90°	76.9	111.4	95.7	91.7	85.8	76.9	64.1	50.3	35.5	21.7	8.9
92.5°	73.0	107.5	90.7	87.8	80.9	71.0	58.2	44.4	29.6	15.8	4.9
95°	71.0	104.5	88.8	85.8	78.9	68.1	56.2	42.4	27.6	14.8	3.9
97.5°	68.1	100.6	85.8	81.9	75.9	66.1	53.3	39.5	25.6	11.8	3.9
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°	5451.1	5451.1	5451.1	5451.1	5451.1	5451.1	5451.1	5451.1	5451.1	5451.1	5451.1
2.5°	5442.2	5420.5	5371.2	5319.9	5278.5	5229.2	5206.5	5174.0	5160.2	5149.3	5138.5
5°	5416.6	5371.2	5275.6	5174.0	5092.1	5008.3	4960.9	4900.8	4869.2	4842.6	4856.4
7.5°	5380.1	5305.1	5160.2	5026.0	4894.9	4777.5	4695.6	4628.6	4580.2	4540.8	4543.7
10°	5326.8	5230.2	5041.8	4862.3	4688.7	4547.7	4444.1	4354.4	4277.4	4257.7	4253.8
12.5°	5255.8	5138.5	4902.7	4681.8	4484.6	4318.9	4176.8	4065.4	3990.4	3954.9	3941.1
15°	5169.0	5028.0	4754.8	4500.3	4269.6	4070.3	3915.5	3792.2	3719.2	3662.0	3666.0
17.5°	5065.5	4906.7	4590.1	4306.0	4053.6	3832.6	3655.1	3532.8	3425.3	3379.0	3370.1
20°	4948.1	4771.6	4426.4	4111.8	3827.7	3594.9	3401.6	3260.6	3156.1	3113.7	3110.7
22.5°	4814.0	4624.6	4245.9	3903.7	3609.7	3350.4	3156.1	2999.2	2903.6	2846.4	2840.5
25°	4665.1	4456.9	4053.6	3695.5	3382.9	3122.5	2917.4	2759.6	2655.0	2609.7	2602.8
26°	4598.0	4390.9	3978.6	3618.6	3299.1	3025.9	2822.7	2666.9	2563.3	2516.0	2507.1
27.5°	4501.3	4275.5	3859.3	3488.4	3162.0	2904.6	2689.6	2538.7	2419.3	2369.0	2361.1
30°	4316.9	4093.0	3656.1	3277.4	2951.9	2685.6	2472.6	2316.7	2216.1	2161.9	2160.9
32.5°	4122.6	3888.9	3455.9	3066.3	2739.9	2470.6	2269.4	2118.5	2017.9	1964.6	1956.8
35°	3924.4	3684.7	3254.7	2865.1	2544.6	2281.2	2080.0	1934.1	1839.4	1785.1	1786.1
37.5°	3705.4	3473.6	3039.7	2661.9	2353.2	2104.7	1907.4	1765.4	1679.6	1629.3	1626.4
40°	3484.5	3259.6	2836.5	2474.5	2170.8	1930.1	1744.7	1614.5	1531.7	1485.3	1479.4
42.5°	3270.5	3041.7	2631.4	2284.2	1999.2	1771.3	1594.8	1480.4	1397.5	1362.0	1355.1
45°	3049.5	2835.5	2430.2	2105.7	1830.5	1626.4	1463.6	1354.1	1279.2	1244.7	1240.7
47.5°	2818.8	2615.6	2252.6	1938.0	1684.5	1488.3	1341.3	1242.7	1175.6	1141.1	1135.2
50°	2601.8	2415.4	2060.3	1777.3	1541.5	1366.0	1234.8	1141.1	1077.0	1047.4	1042.5
52.5°	2391.7	2206.3	1884.8	1625.4	1410.4	1247.6	1129.3	1042.5	988.2	961.6	961.6
55°	2178.7	2009.0	1716.1	1479.4	1287.1	1136.2	1034.6	955.7	906.4	882.7	877.8
57.5°	1969.6	1817.7	1554.4	1338.4	1168.7	1035.6	940.9	874.8	831.4	806.8	803.8
60°	1766.4	1635.2	1395.6	1202.3	1054.3	938.9	854.1	793.9	754.5	735.8	735.8
62.5°	1577.0	1452.8	1242.7	1079.0	941.9	845.2	769.3	716.0	682.5	668.7	663.8
65°	1381.8	1277.2	1101.7	948.8	836.4	751.5	688.4	643.0	613.5	599.7	594.7
67.5°	1201.3	1113.5	958.7	829.5	733.8	659.8	605.6	569.1	541.5	528.6	530.6
70°	1019.8	948.8	815.6	715.0	635.2	568.1	526.7	495.1	475.4	460.6	464.5
72.5°	853.1	786.1	682.5	594.7	529.6	483.3	446.8	420.2	403.4	394.5	397.5
75°	682.5	634.2	554.3	485.2	434.9	399.4	365.9	347.2	334.3	329.4	327.4
77.5°	530.6	489.2	431.0	379.7	342.2	314.6	290.9	279.1	266.3	263.3	263.3
80°	379.7	354.1	308.7	278.1	249.5	231.8	219.9	209.1	205.1	202.2	201.2
82.5°	250.5	228.8	205.1	185.4	170.6	159.8	150.9	148.9	144.0	143.0	144.0
85°	131.2	123.3	111.4	102.6	101.6	96.7	95.7	96.7	95.7	94.7	94.7
87.5°	47.3	43.4	43.4	44.4	47.3	50.3	51.3	55.2	57.2	59.2	60.2
90°	6.9	7.9	10.8	15.8	22.7	28.6	34.5	38.5	41.4	43.4	44.4
92.5°	3.9	3.9	4.9	7.9	14.8	22.7	28.6	33.5	37.5	39.5	39.5
95°	3.9	3.9	3.9	3.9	4.9	8.9	13.8	19.7	24.7	28.6	28.6
97.5°	3.9	3.9	3.9	3.0	3.0	3.0	3.9	8.9	14.8	18.7	19.7
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: AXCL12A-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)