

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: P1554984

Luminaire Tested: **AXCL12A-GRF**

Issue Date: 9/1/2026

Test Information

Test Method: LM-79-08
Report Number: P1554984
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-GRF
Description: Axcent Wall Mount Luminaire , Full Cutoff, 4000K LEDs
Light Source: -
Ballast/Driver: -

Summary

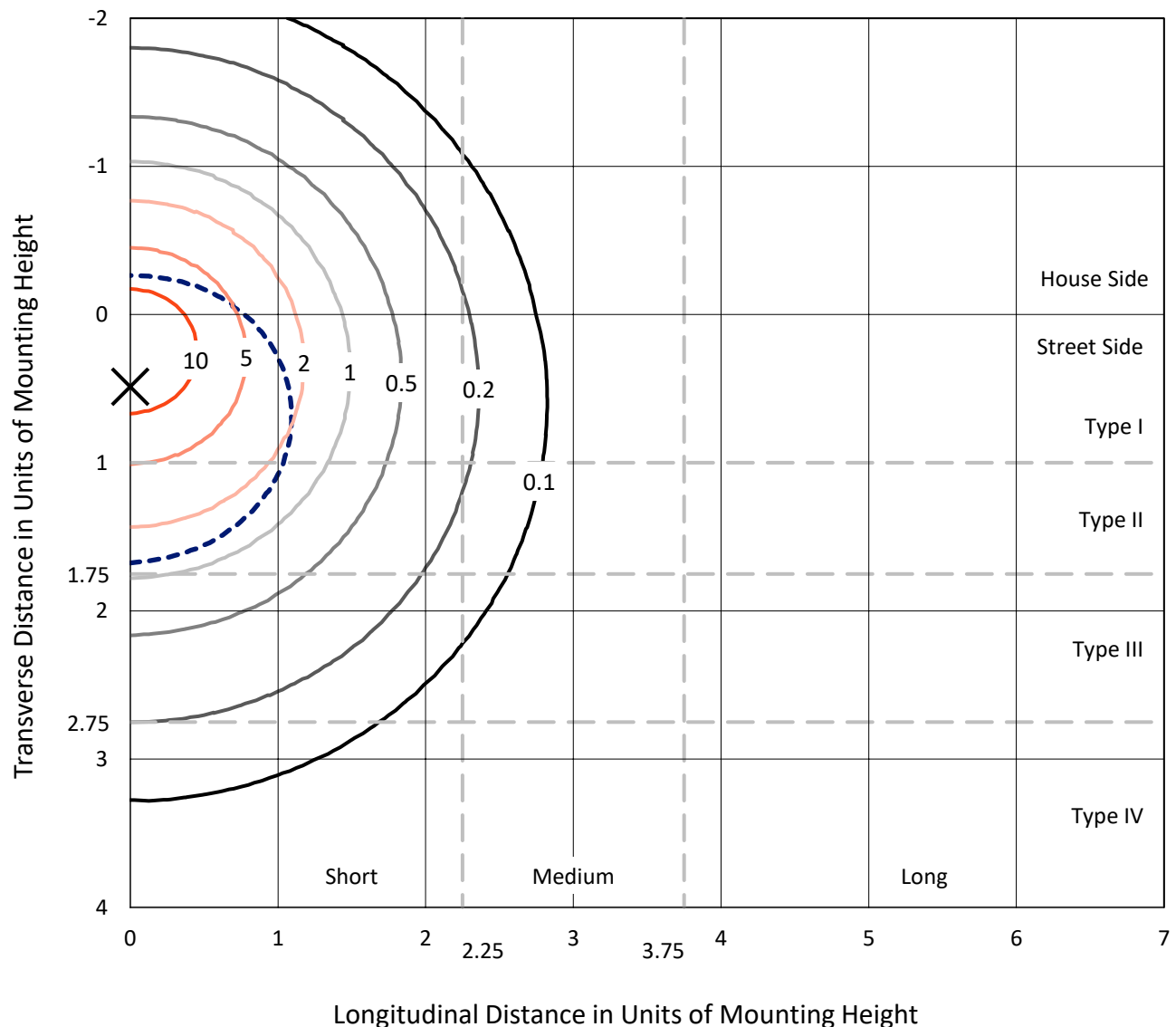
Lumens per Lamp: N/A
Luminaire Lumens: 13891 lumens
Efficiency: N/A
Efficacy: 120.5 lumens/watt
Luminous Opening: Rectangular (W 0.75' x L: 0.29' x H: 0')
IES Classification: Type II - Short
BUG Rating: B3 - U2 - G2

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

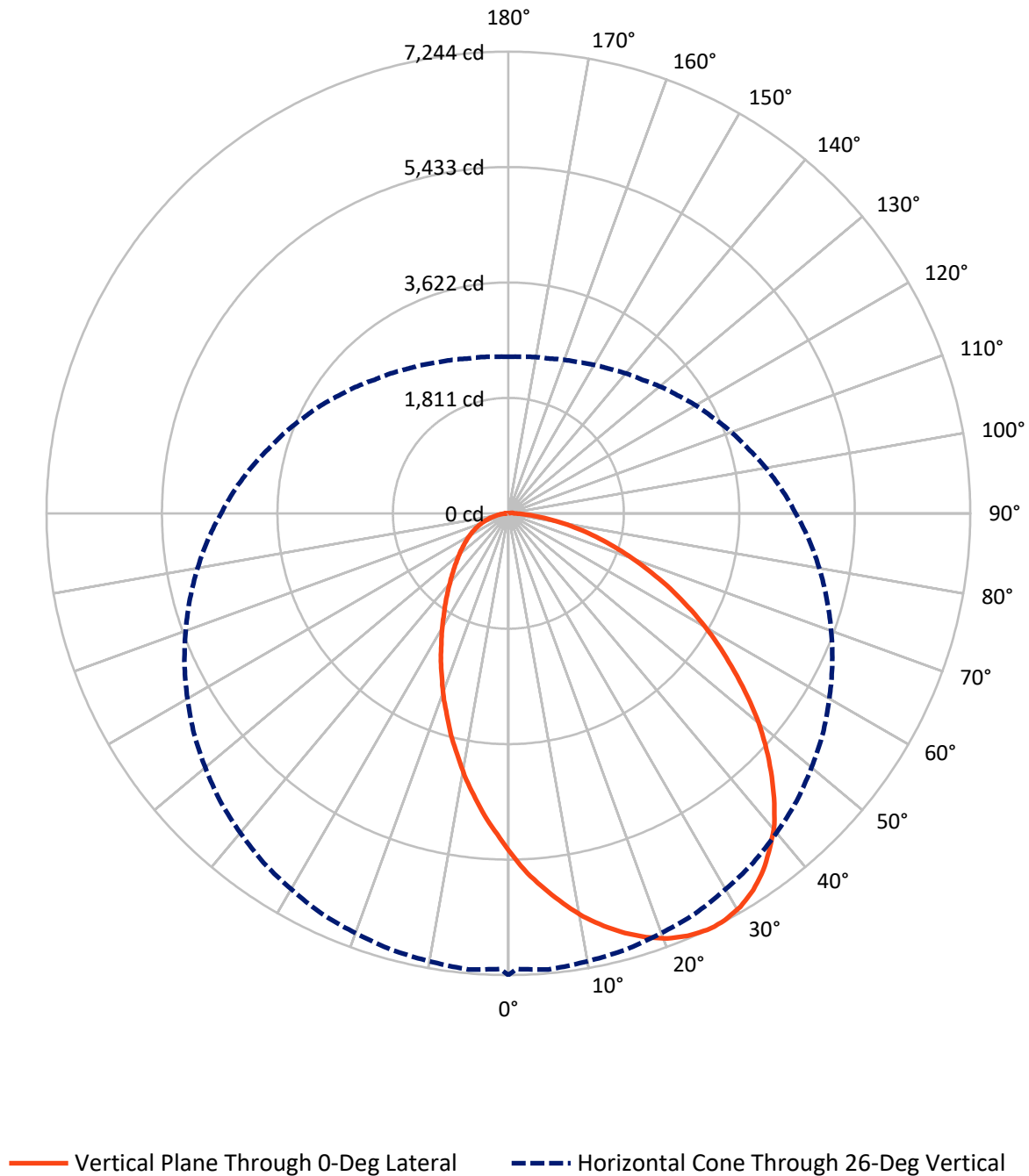
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 15.4 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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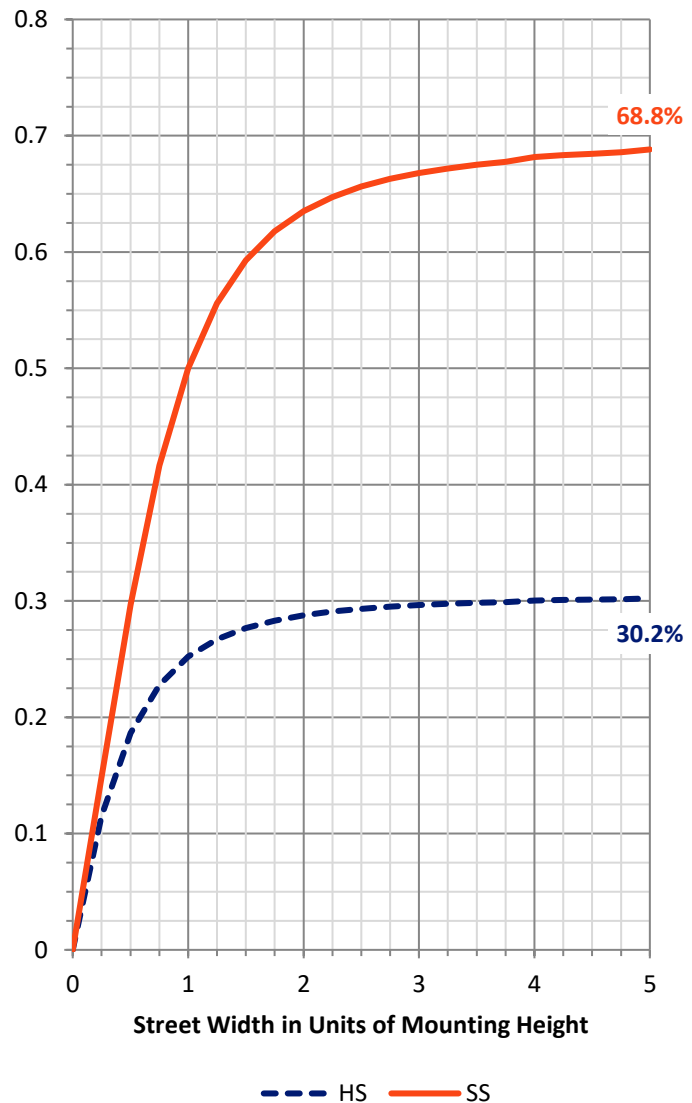
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4244.2	7.3	4251.5
	% Fixture	30.6	0.1	30.6
Street Side	Lumens	9614.7	24.8	9639.5
	% Fixture	69.2	0.2	69.4
Total	Lumens	13858.9	32.1	13891.0
	% Fixture	99.8	0.2	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	505.2	3.6
10°-20°	1446.6	10.4
20°-30°	2174.7	15.7
30°-40°	2551.1	18.4
40°-50°	2510.8	18.1
50°-60°	2119.9	15.3
60°-70°	1512.9	10.9
70°-80°	820.1	5.9
80°-90°	217.5	1.6
90°-100°	32.1	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°	13858.9	99.8
0°-180°	13891.0	100.0

Coefficient of Utilization



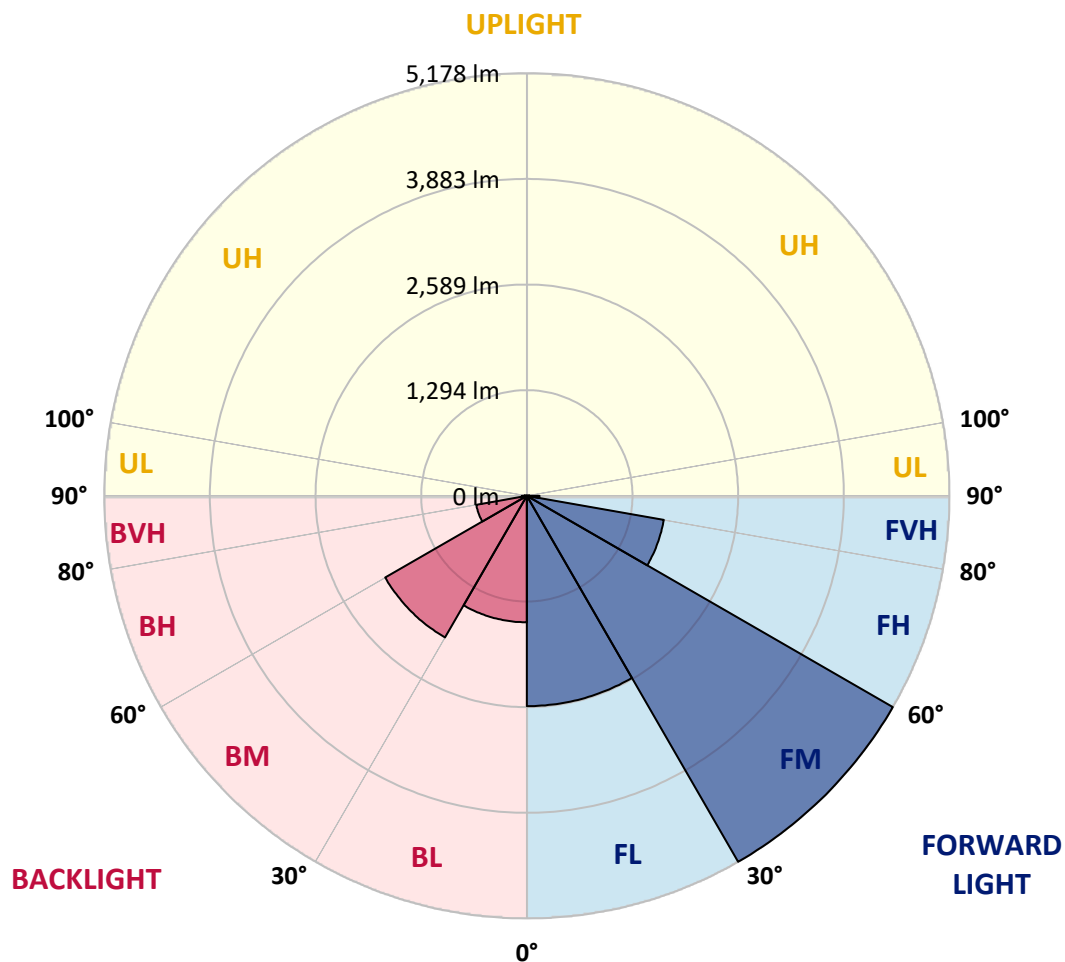
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2577.0	18.6			
FM	(30°-60°)	5178.0	37.3			
FH	(60°-80°)	1703.9	12.3			G1/1800
FVH	(80°-90°)	155.8	1.1			G2/225
BL	(0°-30°)	1549.6	11.2	B3/2500		
BM	(30°-60°)	2003.8	14.4	B2/2500		
BH	(60°-80°)	629.1	4.5	B2/1000		G2/1000
BVH	(80°-90°)	61.8	0.4			G1/100
UL	(90°-100°)	32.1	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°	5341.1	5341.1	5341.1	5341.1	5341.1	5341.1	5341.1	5341.1	5341.1	5341.1	5341.1
2.5°	5654.2	5600.1	5628.2	5622.4	5592.4	5574.0	5546.0	5499.6	5460.0	5407.8	5358.5
5°	5917.1	5863.0	5890.0	5871.7	5837.9	5779.9	5718.0	5640.7	5557.6	5456.1	5360.5
7.5°	6180.9	6117.1	6142.3	6114.2	6057.2	5985.7	5888.1	5760.5	5637.8	5490.9	5346.9
10°	6431.2	6352.0	6380.0	6339.4	6264.0	6157.7	6032.1	5871.7	5699.7	5509.3	5317.9
12.5°	6644.8	6560.7	6600.3	6544.3	6454.4	6318.1	6163.5	5964.4	5747.0	5511.2	5271.6
15°	6831.3	6754.0	6785.9	6724.0	6618.7	6463.1	6267.9	6035.0	5771.2	5494.8	5208.7
17.5°	6991.7	6915.4	6950.1	6873.8	6754.0	6572.3	6348.1	6074.6	5777.0	5456.1	5129.5
20°	7121.2	7030.4	7066.1	6984.9	6852.5	6649.6	6402.2	6093.9	5755.7	5397.2	5031.9
22.5°	7199.5	7112.5	7146.3	7060.3	6912.5	6694.1	6420.6	6085.2	5713.2	5317.0	4914.0
25°	7242.0	7149.2	7181.1	7088.3	6931.8	6701.8	6406.1	6043.7	5644.6	5219.4	4790.3
26°	7243.9	7149.2	7184.0	7089.3	6929.9	6693.1	6390.6	6020.5	5605.0	5168.2	4730.4
27.5°	7229.4	7135.7	7168.5	7072.9	6910.5	6667.0	6355.8	5977.0	5543.1	5088.9	4632.8
30°	7164.7	7074.8	7105.7	7011.0	6840.9	6592.6	6267.9	5868.8	5419.4	4943.0	4470.4
32.5°	7048.7	6955.9	6986.9	6896.0	6726.0	6465.0	6141.3	5725.8	5267.7	4776.8	4283.9
35°	6882.5	6796.5	6831.3	6732.7	6556.8	6302.7	5974.1	5556.6	5088.9	4590.3	4088.7
37.5°	6662.2	6580.0	6613.9	6518.2	6357.8	6100.7	5769.2	5348.9	4882.1	4381.5	3884.8
40°	6424.4	6331.7	6356.8	6259.2	6110.4	5848.5	5536.3	5122.7	4650.2	4162.2	3659.7
42.5°	6107.5	6035.0	6066.9	5980.9	5819.5	5572.1	5267.7	4862.8	4414.4	3922.5	3439.3
45°	5773.1	5706.4	5738.3	5655.2	5511.2	5287.0	4976.8	4591.2	4150.6	3680.9	3214.2
47.5°	5421.3	5362.4	5375.9	5309.2	5158.5	4951.7	4661.8	4291.7	3873.2	3429.7	2987.1
50°	5053.2	4991.3	5001.0	4947.8	4810.6	4619.3	4337.1	4001.7	3600.7	3187.1	2750.3
52.5°	4649.2	4607.7	4632.8	4564.2	4435.6	4258.8	4008.5	3685.7	3313.7	2923.3	2530.9
55°	4246.2	4224.0	4240.4	4182.5	4070.4	3901.2	3679.0	3381.3	3045.0	2671.1	2308.7
57.5°	3871.3	3827.8	3852.0	3806.5	3700.2	3545.6	3341.7	3065.3	2754.2	2421.7	2095.1
60°	3487.6	3465.4	3472.2	3412.3	3335.0	3192.9	3003.5	2763.8	2472.9	2186.9	1872.8
62.5°	3100.1	3068.2	3087.6	3040.2	2956.1	2840.2	2683.6	2461.4	2211.1	1941.4	1674.7
65°	2727.1	2702.9	2707.8	2670.1	2623.7	2503.9	2353.1	2164.7	1941.4	1706.6	1469.9
67.5°	2354.1	2368.6	2349.3	2315.4	2266.1	2173.4	2042.9	1874.8	1687.3	1485.3	1270.8
70°	2004.3	2012.0	2004.3	1981.1	1930.8	1869.0	1744.3	1612.9	1439.9	1258.2	1089.1
72.5°	1668.0	1689.2	1681.5	1660.2	1614.8	1543.3	1450.5	1340.4	1202.2	1048.5	908.4
75°	1359.7	1357.8	1375.1	1342.3	1311.4	1244.7	1175.1	1077.5	970.2	853.3	724.8
77.5°	1062.0	1064.9	1054.3	1044.6	1017.6	979.9	925.8	837.8	754.7	656.2	558.6
80°	768.3	783.7	781.8	767.3	750.9	717.0	677.4	618.5	545.0	475.5	404.9
82.5°	518.9	544.1	527.6	522.8	511.2	482.2	453.2	409.7	369.2	319.9	263.8
85°	303.4	331.5	317.9	316.0	308.3	284.1	265.8	239.7	204.9	174.9	143.0
87.5°	143.0	176.8	165.2	158.5	150.8	140.1	126.6	112.1	91.8	71.5	51.2
90°	75.4	109.2	93.7	89.9	84.1	75.4	62.8	49.3	34.8	21.3	8.7
92.5°	71.5	105.3	88.9	86.0	79.2	69.6	57.0	43.5	29.0	15.5	4.8
95°	69.6	102.4	87.0	84.1	77.3	66.7	55.1	41.6	27.1	14.5	3.9
97.5°	66.7	98.6	84.1	80.2	74.4	64.7	52.2	38.7	25.1	11.6	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°	5341.1	5341.1	5341.1	5341.1	5341.1	5341.1	5341.1	5341.1	5341.1	5341.1	5341.1
2.5°	5332.4	5311.2	5262.9	5212.6	5172.0	5123.7	5101.5	5069.6	5056.1	5045.4	5034.8
5°	5307.3	5262.9	5169.1	5069.6	4989.4	4907.2	4860.9	4801.9	4771.0	4744.9	4758.4
7.5°	5271.6	5198.1	5056.1	4924.6	4796.1	4681.1	4600.9	4535.2	4487.8	4449.2	4452.1
10°	5219.4	5124.7	4940.1	4764.2	4594.1	4455.9	4354.5	4266.5	4191.2	4171.8	4168.0
12.5°	5149.8	5034.8	4803.8	4587.4	4394.1	4231.7	4092.6	3983.4	3909.9	3875.2	3861.6
15°	5064.8	4926.6	4658.9	4409.6	4183.4	3988.2	3836.5	3715.7	3644.2	3588.1	3592.0
17.5°	4963.3	4807.7	4497.5	4219.2	3971.8	3755.3	3581.4	3461.5	3356.2	3310.8	3302.1
20°	4848.3	4675.3	4337.1	4028.8	3750.5	3522.4	3333.0	3194.8	3092.4	3050.8	3047.9
22.5°	4716.9	4531.3	4160.2	3824.9	3536.9	3282.8	3092.4	2938.7	2845.0	2789.0	2783.2
25°	4570.9	4367.0	3971.8	3621.0	3314.7	3059.5	2858.5	2703.9	2601.5	2557.0	2550.3
26°	4505.2	4302.3	3898.3	3545.6	3232.5	2964.8	2765.8	2613.1	2511.6	2465.2	2456.5
27.5°	4410.5	4189.2	3781.4	3418.1	3098.2	2846.0	2635.3	2487.4	2370.5	2321.2	2313.5
30°	4229.8	4010.4	3582.3	3211.3	2892.4	2631.4	2422.7	2270.0	2171.4	2118.3	2117.3
32.5°	4039.4	3810.4	3386.2	3004.5	2684.6	2420.8	2223.6	2075.8	1977.2	1925.0	1917.3
35°	3845.2	3610.4	3189.0	2807.3	2493.2	2235.2	2038.1	1895.1	1802.3	1749.1	1750.1
37.5°	3630.7	3403.6	2978.4	2608.2	2305.8	2062.2	1869.0	1729.8	1645.7	1596.4	1593.5
40°	3414.2	3193.9	2779.3	2424.6	2127.0	1891.2	1709.5	1582.0	1500.8	1455.4	1449.6
42.5°	3204.5	2980.3	2578.3	2238.1	1958.8	1735.6	1562.6	1450.5	1369.3	1334.6	1327.8
45°	2988.0	2778.3	2381.1	2063.2	1793.6	1593.5	1434.1	1326.8	1253.4	1219.6	1215.7
47.5°	2761.9	2562.8	2207.2	1898.9	1650.6	1458.3	1314.3	1217.6	1151.9	1118.1	1112.3
50°	2549.3	2366.6	2018.8	1741.4	1510.4	1338.4	1209.9	1118.1	1055.3	1026.3	1021.5
52.5°	2343.5	2161.8	1846.7	1592.6	1381.9	1222.5	1106.5	1021.5	968.3	942.2	942.2
55°	2134.7	1968.5	1681.5	1449.6	1261.1	1113.3	1013.7	936.4	888.1	864.9	860.1
57.5°	1929.8	1781.0	1523.0	1311.4	1145.2	1014.7	921.9	857.2	814.7	790.5	787.6
60°	1730.8	1602.2	1367.4	1178.0	1033.1	920.0	836.9	777.9	739.3	720.9	720.9
62.5°	1545.2	1423.5	1217.6	1057.2	922.9	828.2	753.8	701.6	668.7	655.2	650.4
65°	1353.9	1251.5	1079.4	929.7	819.5	736.4	674.5	630.1	601.1	587.6	582.7
67.5°	1177.0	1091.0	939.3	812.7	719.0	646.5	593.4	557.6	530.5	518.0	519.9
70°	999.2	929.7	799.2	700.6	622.3	556.6	516.0	485.1	465.8	451.3	455.2
72.5°	835.9	770.2	668.7	582.7	518.9	473.5	437.8	411.7	395.2	386.5	389.4
75°	668.7	621.4	543.1	475.5	426.2	391.4	358.5	340.2	327.6	322.8	320.8
77.5°	519.9	479.3	422.3	372.1	335.3	308.3	285.1	273.5	260.9	258.0	258.0
80°	372.1	346.9	302.5	272.5	244.5	227.1	215.5	204.9	201.0	198.1	197.1
82.5°	245.5	224.2	201.0	181.7	167.2	156.6	147.9	145.9	141.1	140.1	141.1
85°	128.5	120.8	109.2	100.5	99.5	94.7	93.7	94.7	93.7	92.8	92.8
87.5°	46.4	42.5	42.5	43.5	46.4	49.3	50.3	54.1	56.0	58.0	58.9
90°	6.8	7.7	10.6	15.5	22.2	28.0	33.8	37.7	40.6	42.5	43.5
92.5°	3.9	3.9	4.8	7.7	14.5	22.2	28.0	32.9	36.7	38.7	38.7
95°	3.9	3.9	3.9	3.9	4.8	8.7	13.5	19.3	24.2	28.0	28.0
97.5°	3.9	3.9	3.9	2.9	2.9	2.9	3.9	8.7	14.5	18.4	19.3
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



REPORT NUMBER: P1554984
 CATALOG NUMBER: AXCL12A-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)