

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: P1554985

Luminaire Tested: **AXCL12A-W-GRF**

Issue Date: 9/1/2026



Test Information

Test Method: LM-79-08
Report Number: P1554985
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-W-GRF
Description: Axcent Wall Mount Luminaire , Full Cutoff, 3000K LEDs
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13721 lumens
Efficiency: N/A
Efficacy: 119.0 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

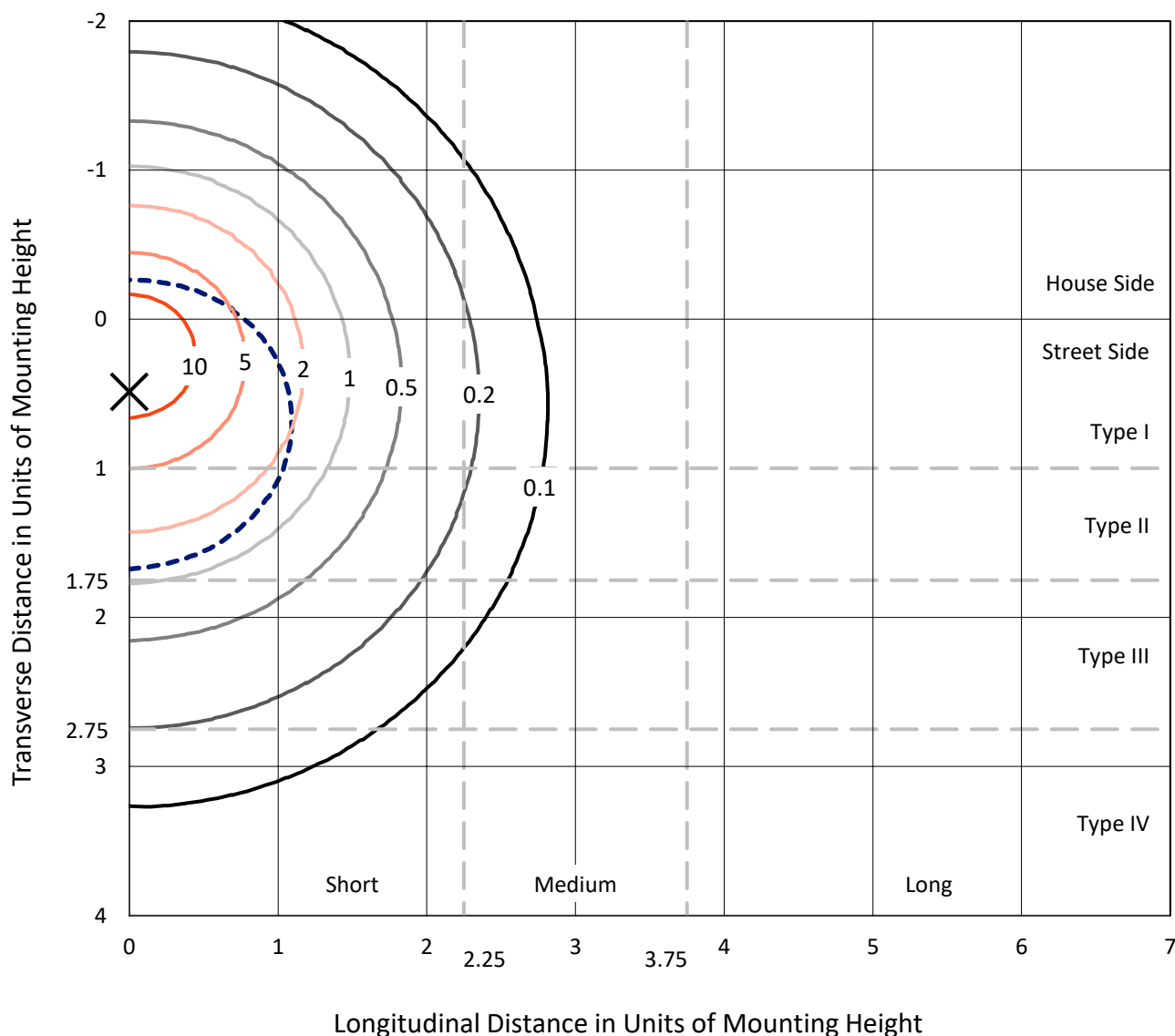
Input Watts (W): 115.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

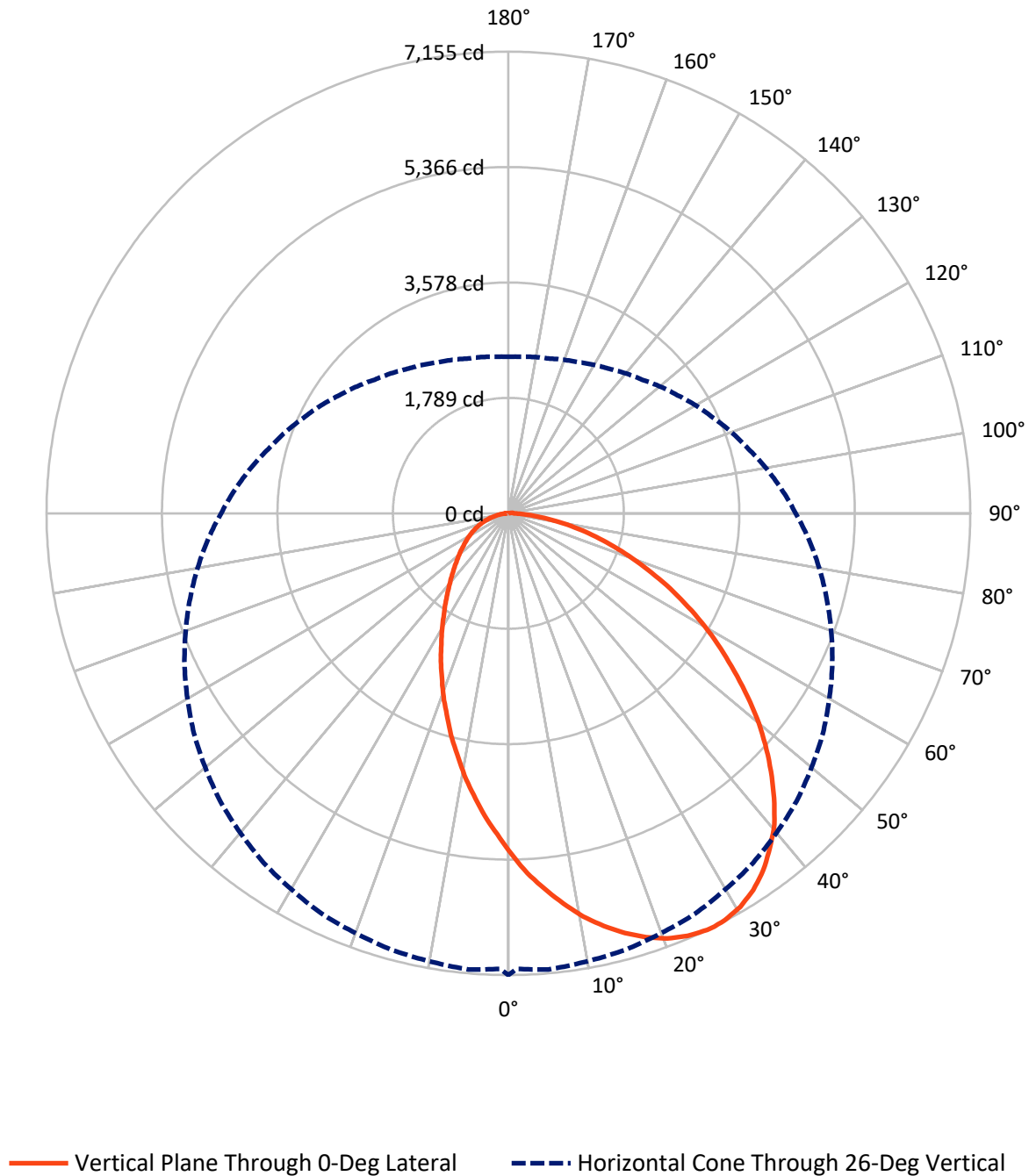


Based on 20 foot mounting height. Maximum calculated value = 15.2 fc

Type II - Short - N/A

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Luminous Intensity Polar Plot



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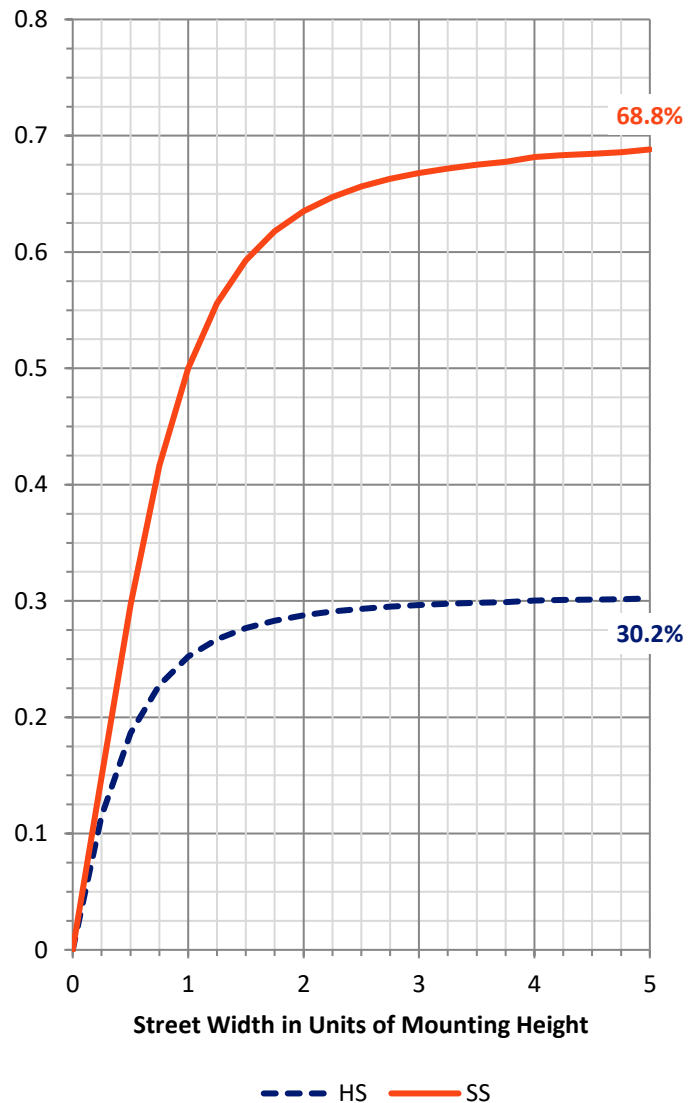
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4192.3	7.2	4199.5
	% Fixture	30.6	0.1	30.6
Street Side	Lumens	9497.0	24.5	9521.5
	% Fixture	69.2	0.2	69.4
Total	Lumens	13689.3	31.7	13721.0
	% Fixture	99.8	0.2	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	499.0	3.6
10°-20°	1428.9	10.4
20°-30°	2148.1	15.7
30°-40°	2519.8	18.4
40°-50°	2480.1	18.1
50°-60°	2094.0	15.3
60°-70°	1494.4	10.9
70°-80°	810.1	5.9
80°-90°	214.9	1.6
90°-100°	31.7	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°	13689.3	99.8
0°-180°	13721.0	100.0



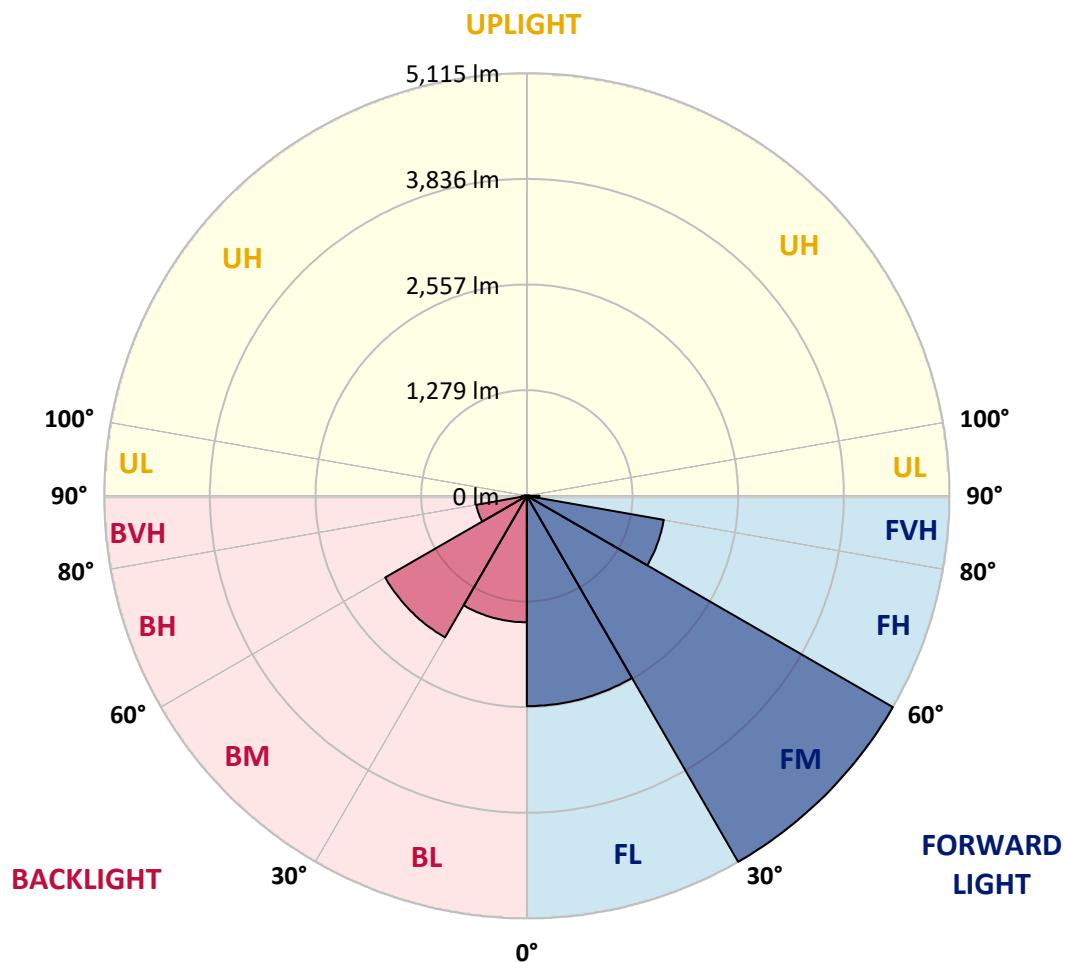
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2545.4	18.6			
FM	(30°-60°)	5114.6	37.3			
FH	(60°-80°)	1683.1	12.3			G1/1800
FVH	(80°-90°)	153.9	1.1			G2/225
BL	(0°-30°)	1530.6	11.2	B3/2500		
BM	(30°-60°)	1979.2	14.4	B2/2500		
BH	(60°-80°)	621.4	4.5	B2/1000		G2/1000
BVH	(80°-90°)	61.0	0.4			G1/100
UL	(90°-100°)	31.7	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°	5275.8	5275.8	5275.8	5275.8	5275.8	5275.8	5275.8	5275.8	5275.8	5275.8	5275.8
2.5°	5585.0	5531.6	5559.3	5553.5	5524.0	5505.8	5478.1	5432.3	5393.2	5341.6	5293.0
5°	5844.7	5791.2	5818.0	5799.8	5766.4	5709.1	5648.0	5571.7	5489.6	5389.4	5294.9
7.5°	6105.3	6042.3	6067.1	6039.4	5983.1	5912.5	5816.0	5690.0	5568.8	5423.7	5281.5
10°	6352.5	6274.2	6301.9	6261.8	6187.4	6082.4	5958.3	5799.8	5629.9	5441.9	5252.9
12.5°	6563.5	6480.4	6519.5	6464.2	6375.4	6240.8	6088.1	5891.5	5676.7	5443.8	5207.0
15°	6747.7	6671.3	6702.8	6641.7	6537.7	6384.0	6191.2	5961.1	5700.5	5427.5	5145.0
17.5°	6906.1	6830.7	6865.1	6789.7	6671.3	6491.9	6270.4	6000.3	5706.3	5389.4	5066.7
20°	7034.0	6944.3	6979.6	6899.5	6768.7	6568.2	6323.9	6019.4	5685.3	5331.1	4970.3
22.5°	7111.4	7025.5	7058.9	6973.9	6827.9	6612.1	6342.0	6010.8	5643.3	5251.9	4853.9
25°	7153.4	7061.7	7093.2	7001.6	6847.0	6619.8	6327.7	5969.7	5575.5	5155.5	4731.7
26°	7155.3	7061.7	7096.1	7002.5	6845.0	6611.2	6312.4	5946.8	5536.4	5104.9	4672.5
27.5°	7141.0	7048.4	7080.8	6986.3	6826.0	6585.4	6278.0	5903.9	5475.3	5026.6	4576.1
30°	7077.0	6988.2	7018.8	6925.2	6757.2	6511.9	6191.2	5797.0	5353.1	4882.5	4415.7
32.5°	6962.5	6870.8	6901.4	6811.6	6643.6	6385.9	6066.1	5655.7	5203.2	4718.3	4231.5
35°	6798.3	6713.3	6747.7	6650.3	6476.6	6225.5	5901.0	5488.6	5026.6	4534.1	4038.7
37.5°	6580.6	6499.5	6532.9	6438.4	6280.0	6026.0	5698.6	5283.4	4822.4	4327.9	3837.3
40°	6345.8	6254.2	6279.0	6182.6	6035.6	5776.9	5468.6	5060.0	4593.3	4111.2	3614.9
42.5°	6032.7	5961.1	5992.6	5907.7	5748.3	5503.9	5203.2	4803.3	4360.4	3874.5	3397.2
45°	5702.5	5636.6	5668.1	5586.0	5443.8	5222.3	4915.9	4535.0	4099.8	3635.9	3174.8
47.5°	5355.0	5296.8	5310.1	5244.3	5095.4	4891.1	4604.7	4239.1	3825.8	3387.7	2950.5
50°	4991.3	4930.2	4939.8	4887.3	4751.7	4562.7	4284.0	3952.8	3556.6	3148.1	2716.6
52.5°	4592.3	4551.3	4576.1	4508.3	4381.4	4206.7	3959.5	3640.6	3273.1	2887.5	2500.0
55°	4194.3	4172.3	4188.5	4131.3	4020.5	3853.5	3634.0	3340.0	3007.8	2638.4	2280.4
57.5°	3823.9	3781.0	3804.8	3760.0	3655.0	3502.2	3300.8	3027.8	2720.5	2392.1	2069.5
60°	3445.0	3423.0	3429.7	3370.5	3294.1	3153.8	2966.7	2730.0	2442.7	2160.1	1849.9
62.5°	3062.2	3030.7	3049.8	3003.0	2920.0	2805.4	2650.8	2431.2	2184.0	1917.7	1654.2
65°	2693.7	2669.9	2674.6	2637.4	2591.6	2473.2	2324.3	2138.2	1917.7	1685.7	1451.9
67.5°	2325.3	2339.6	2320.5	2287.1	2238.4	2146.8	2017.9	1851.8	1666.6	1467.1	1255.2
70°	1979.7	1987.4	1979.7	1956.8	1907.2	1846.1	1723.0	1593.1	1422.3	1242.8	1075.8
72.5°	1647.5	1668.5	1660.9	1639.9	1595.0	1524.4	1432.8	1324.0	1187.5	1035.7	897.3
75°	1343.0	1341.1	1358.3	1325.9	1295.3	1229.5	1160.7	1064.3	958.4	842.9	715.9
77.5°	1049.0	1051.9	1041.4	1031.9	1005.1	967.9	914.5	827.6	745.5	648.1	551.7
80°	758.9	774.1	772.2	757.9	741.7	708.3	669.1	610.9	538.4	469.6	400.0
82.5°	512.6	537.4	521.2	516.4	505.0	476.3	447.7	404.7	364.6	316.0	260.6
85°	299.7	327.4	314.0	312.1	304.5	280.6	262.5	236.7	202.4	172.8	141.3
87.5°	141.3	174.7	163.2	156.5	148.9	138.4	125.0	110.7	90.7	70.6	50.6
90°	74.5	107.9	92.6	88.8	83.0	74.5	62.0	48.7	34.4	21.0	8.6
92.5°	70.6	104.0	87.8	85.0	78.3	68.7	56.3	43.0	28.6	15.3	4.8
95°	68.7	101.2	85.9	83.0	76.4	65.9	54.4	41.0	26.7	14.3	3.8
97.5°	65.9	97.4	83.0	79.2	73.5	64.0	51.5	38.2	24.8	11.5	3.8
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°	5275.8	5275.8	5275.8	5275.8	5275.8	5275.8	5275.8	5275.8	5275.8	5275.8	5275.8
2.5°	5267.2	5246.2	5198.5	5148.8	5108.7	5061.0	5039.0	5007.5	4994.2	4983.7	4973.2
5°	5242.4	5198.5	5105.9	5007.5	4928.3	4847.2	4801.4	4743.1	4712.6	4686.8	4700.2
7.5°	5207.0	5134.5	4994.2	4864.4	4737.4	4623.8	4544.6	4479.7	4432.9	4394.7	4397.6
10°	5155.5	5062.0	4879.6	4705.9	4537.9	4401.4	4301.2	4214.3	4139.9	4120.8	4117.0
12.5°	5086.8	4973.2	4745.0	4531.2	4340.3	4180.0	4042.5	3934.6	3862.1	3827.7	3814.4
15°	5002.8	4866.3	4601.9	4355.6	4132.2	3939.4	3789.5	3670.2	3599.6	3544.2	3548.0
17.5°	4902.5	4748.9	4442.5	4167.5	3923.2	3709.4	3537.5	3419.2	3315.1	3270.3	3261.7
20°	4789.0	4618.1	4284.0	3979.5	3704.6	3479.3	3292.2	3155.7	3054.5	3013.5	3010.6
22.5°	4659.1	4475.9	4109.3	3778.1	3493.6	3242.6	3054.5	2902.8	2810.2	2754.8	2749.1
25°	4515.0	4313.6	3923.2	3576.7	3274.1	3022.1	2823.5	2670.8	2569.6	2525.7	2519.0
26°	4450.1	4249.6	3850.6	3502.2	3193.0	2928.5	2731.9	2581.1	2480.9	2435.0	2426.5
27.5°	4356.5	4138.0	3735.1	3376.2	3060.3	2811.1	2603.0	2457.0	2341.5	2292.8	2285.2
30°	4178.0	3961.4	3538.5	3172.0	2857.0	2599.2	2393.0	2242.2	2144.9	2092.4	2091.4
32.5°	3990.0	3763.8	3344.7	2967.7	2651.7	2391.1	2196.4	2050.4	1953.0	1901.5	1893.8
35°	3798.1	3566.2	3150.0	2773.0	2462.7	2207.9	2013.1	1871.9	1780.2	1727.7	1728.7
37.5°	3586.2	3361.9	2941.9	2576.3	2277.5	2037.0	1846.1	1708.6	1625.6	1576.9	1574.0
40°	3372.4	3154.8	2745.3	2395.0	2101.0	1868.0	1688.6	1562.6	1482.4	1437.5	1431.8
42.5°	3165.3	2943.8	2546.7	2210.7	1934.9	1714.4	1543.5	1432.8	1352.6	1318.2	1311.5
45°	2951.5	2744.3	2352.0	2038.0	1771.6	1574.0	1416.5	1310.6	1238.0	1204.6	1200.8
47.5°	2728.1	2531.5	2180.2	1875.7	1630.4	1440.4	1298.2	1202.7	1137.8	1104.4	1098.7
50°	2518.1	2337.7	1994.0	1720.1	1492.0	1322.0	1195.1	1104.4	1042.4	1013.7	1009.0
52.5°	2314.8	2135.3	1824.1	1573.1	1365.0	1207.5	1093.0	1009.0	956.5	930.7	930.7
55°	2108.6	1944.4	1660.9	1431.8	1245.7	1099.6	1001.3	925.0	877.2	854.3	849.5
57.5°	1906.2	1759.2	1504.4	1295.3	1131.1	1002.3	910.6	846.7	804.7	780.8	778.0
60°	1709.6	1582.6	1350.7	1163.6	1020.4	908.7	826.6	768.4	730.2	712.1	712.1
62.5°	1526.3	1406.0	1202.7	1044.3	911.6	818.0	744.5	693.0	660.5	647.2	642.4
65°	1337.3	1236.1	1066.2	918.3	809.5	727.4	666.3	622.4	593.7	580.4	575.6
67.5°	1162.6	1077.7	927.8	802.8	710.2	638.6	586.1	550.8	524.0	511.6	513.5
70°	987.0	918.3	789.4	692.0	614.7	549.8	509.7	479.2	460.1	445.8	449.6
72.5°	825.7	760.8	660.5	575.6	512.6	467.7	432.4	406.6	390.4	381.8	384.7
75°	660.5	613.8	536.5	469.6	421.0	386.6	354.1	336.0	323.6	318.8	316.9
77.5°	513.5	473.5	417.1	367.5	331.2	304.5	281.6	270.1	257.7	254.9	254.9
80°	367.5	342.7	298.8	269.2	241.5	224.3	212.9	202.4	198.5	195.7	194.7
82.5°	242.5	221.5	198.5	179.5	165.1	154.6	146.0	144.1	139.4	138.4	139.4
85°	127.0	119.3	107.9	99.3	98.3	93.5	92.6	93.5	92.6	91.6	91.6
87.5°	45.8	42.0	42.0	43.0	45.8	48.7	49.6	53.5	55.4	57.3	58.2
90°	6.7	7.6	10.5	15.3	22.0	27.7	33.4	37.2	40.1	42.0	43.0
92.5°	3.8	3.8	4.8	7.6	14.3	22.0	27.7	32.5	36.3	38.2	38.2
95°	3.8	3.8	3.8	3.8	4.8	8.6	13.4	19.1	23.9	27.7	27.7
97.5°	3.8	3.8	3.8	2.9	2.9	2.9	3.8	8.6	14.3	18.1	19.1
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: P1554985
 CATALOG NUMBER: AXCL12A-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)