

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: P1554979

Luminaire Tested: **AXCL10ARL-C**

Issue Date: 9/1/2026



Test Information

Test Method: LM-79-08
Report Number: P1554979
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-1710-354-1)
Test Lab: INNOVATION CENTER
Issue Date: 9/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: AXCL10ARL-C
Description: Axcent Wall Mount Luminaire , Refractive Lens, 5000K LEDs
Light Source: -
Ballast/Driver: -

Summary

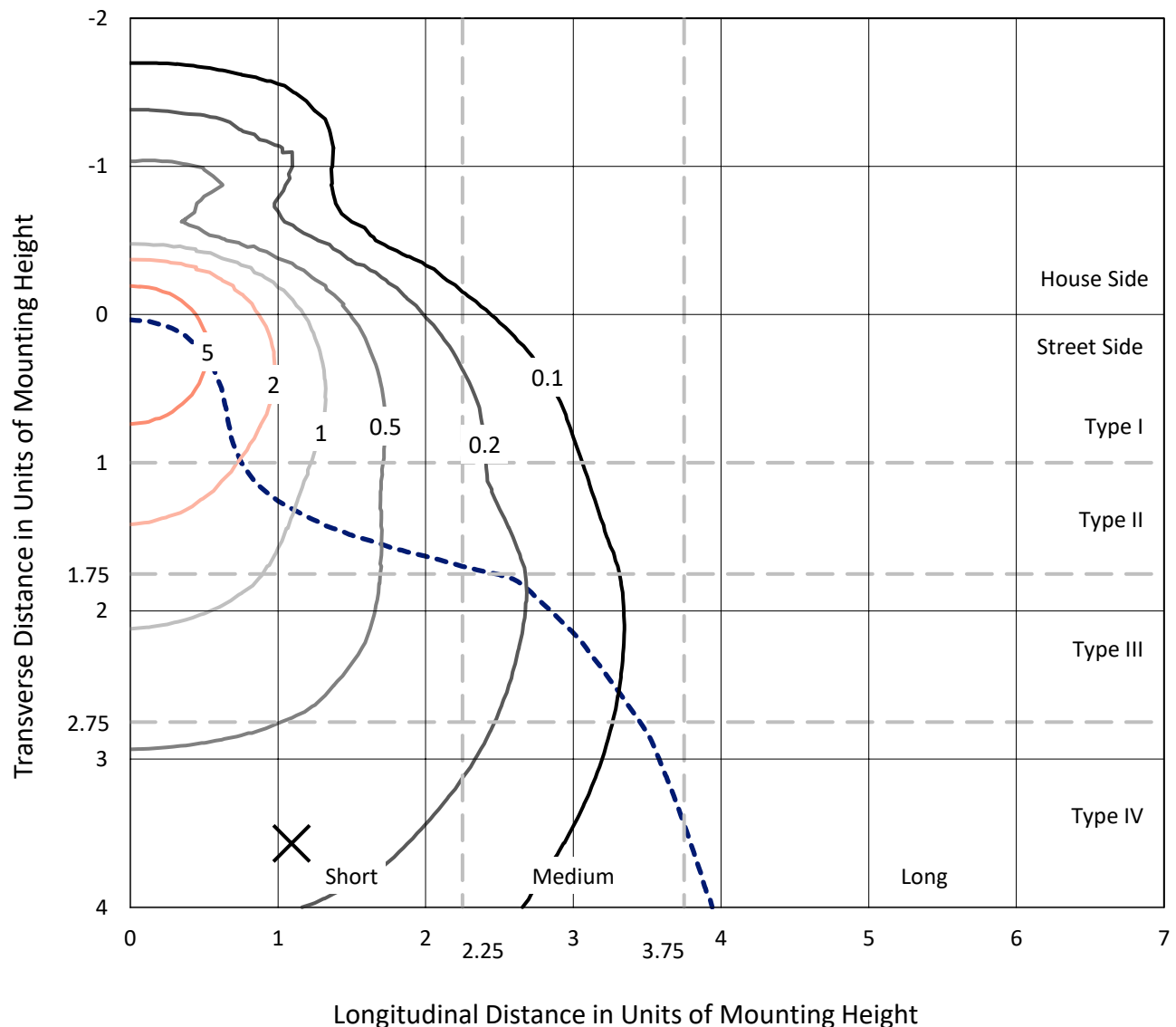
Lumens per Lamp: N/A
Luminaire Lumens: 13498 lumens
Efficiency: N/A
Efficacy: 151.5 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.75' x L: 0.29' x H: 0.38')
IES Classification: Type IV - Short
BUG Rating: B2 - U5 - G5

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

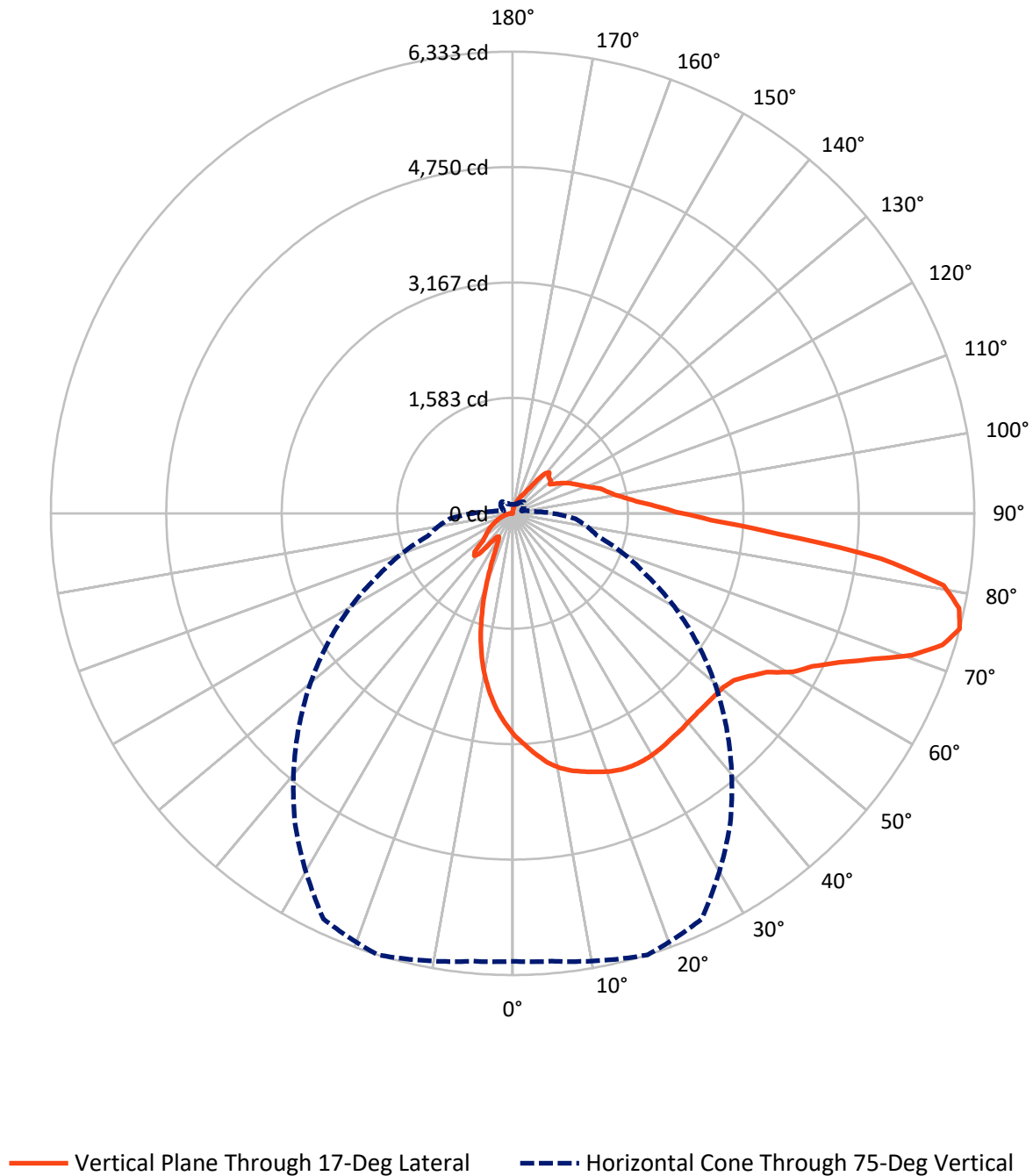
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 8.4 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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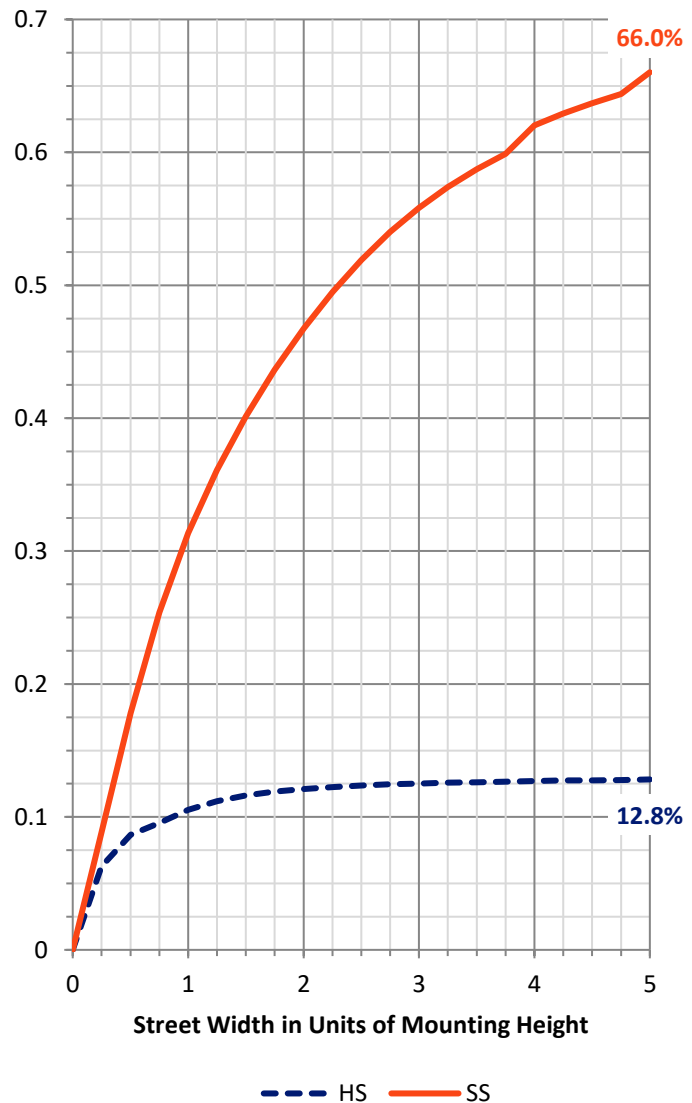
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1763.1	106.5	1869.6
	% Fixture	13.1	0.8	13.9
Street Side	Lumens	9749.3	1879.1	11628.4
	% Fixture	72.2	13.9	86.1
Total	Lumens	11512.4	1985.6	13498.0
	% Fixture	85.3	14.7	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	285.9	2.1
10°-20°	784.7	5.8
20°-30°	1094.2	8.1
30°-40°	1286.2	9.5
40°-50°	1435.3	10.6
50°-60°	1513.0	11.2
60°-70°	1770.4	13.1
70°-80°	2087.4	15.5
80°-90°	1255.3	9.3
90°-100°	636.4	4.7
100°-110°	446.5	3.3
110°-120°	323.8	2.4
120°-130°	229.5	1.7
130°-140°	190.6	1.4
140°-150°	104.0	0.8
150°-160°	40.9	0.3
160°-170°	12.5	0.1
170°-180°	1.2	0.0
0°-90°	11512.4	85.3
0°-180°	13498.0	100.0

Coefficient of Utilization



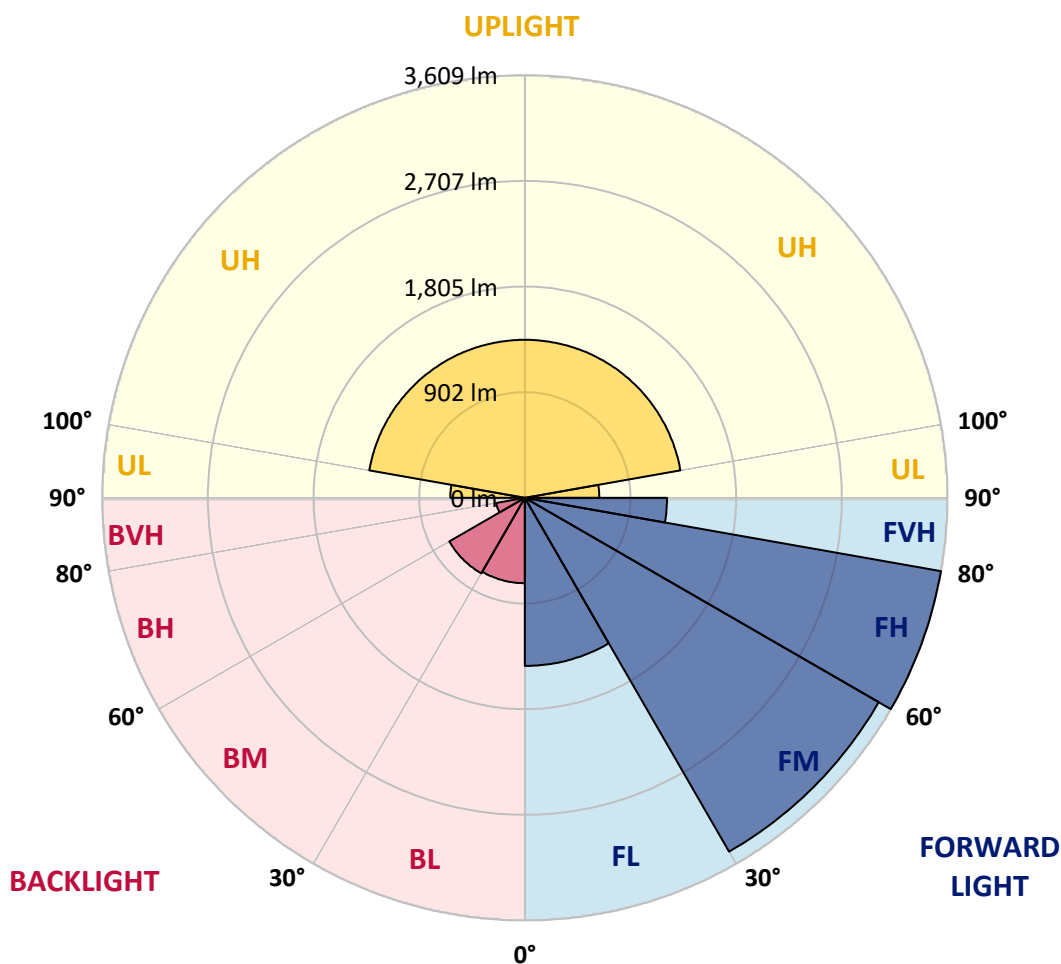
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1435.8	10.6			
FM	(30°-60°)	3489.9	25.9			
FH	(60°-80°)	3609.2	26.7			G2/5000
FVH	(80°-90°)	1214.4	9.0			G5
BL	(0°-30°)	729.0	5.4	B2/1000		
BM	(30°-60°)	744.6	5.5	B1/1000		
BH	(60°-80°)	248.7	1.8	B1/500		G1/500
BVH	(80°-90°)	40.8	0.3			G1/100
UL	(90°-100°)	636.4	4.7		U4/1000	
UH	(100°-180°)	1349.1	10.0		U5	

BUG Rating: B2-U5-G5

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	17°	25°	35°	45°	55°	65°	75°	85°
0°	3044.1	3044.1	3044.1	3044.1	3044.1	3044.1	3044.1	3044.1	3044.1	3044.1	3044.1
2.5°	3195.1	3189.6	3181.8	3177.9	3168.6	3158.5	3144.5	3121.9	3101.7	3072.9	3053.4
5°	3332.0	3333.6	3320.3	3318.8	3293.9	3272.9	3233.2	3195.8	3157.7	3102.5	3055.8
7.5°	3477.5	3468.2	3455.0	3452.6	3423.8	3386.5	3337.5	3265.9	3197.4	3122.7	3048.8
10°	3577.1	3571.7	3556.9	3551.5	3530.4	3486.9	3417.6	3333.6	3237.1	3131.3	3031.7
12.5°	3647.2	3640.9	3625.4	3622.3	3597.4	3552.2	3482.2	3385.7	3267.4	3128.1	3002.1
15°	3706.3	3699.3	3681.4	3677.5	3642.5	3595.8	3520.3	3418.4	3284.5	3118.8	2964.7
17.5°	3767.0	3759.2	3736.7	3728.9	3690.0	3626.9	3536.7	3430.1	3289.2	3099.4	2919.6
20°	3821.5	3812.9	3788.0	3781.0	3730.4	3653.4	3542.9	3426.2	3279.9	3071.3	2861.2
22.5°	3857.3	3849.5	3822.2	3817.6	3763.1	3672.1	3545.2	3407.5	3255.8	3032.4	2792.8
25°	3874.4	3866.6	3841.7	3834.7	3776.3	3679.8	3539.8	3381.8	3216.9	2980.3	2716.5
27.5°	3879.1	3872.0	3844.0	3836.3	3774.0	3671.3	3525.0	3349.1	3161.6	2917.3	2630.1
30°	3871.3	3864.3	3835.5	3826.1	3757.7	3648.7	3493.9	3302.4	3094.7	2847.2	2539.1
32.5°	3860.4	3851.8	3815.2	3804.4	3728.1	3613.7	3446.4	3244.1	3019.2	2767.9	2430.1
35°	3843.3	3833.1	3788.8	3776.3	3693.1	3563.1	3388.8	3178.7	2944.5	2677.6	2329.8
37.5°	3847.1	3834.7	3779.5	3761.6	3658.8	3504.0	3325.8	3107.9	2862.0	2588.9	2221.6
40°	3836.3	3822.2	3756.9	3739.8	3633.9	3450.3	3240.2	3027.0	2785.0	2497.8	2122.0
42.5°	3844.8	3830.8	3753.0	3728.1	3593.5	3385.7	3161.6	2949.2	2689.3	2402.9	1999.1
45°	3864.3	3847.1	3756.9	3727.3	3564.7	3317.2	3089.2	2862.8	2606.0	2290.9	1887.8
47.5°	3861.2	3848.7	3759.2	3733.5	3553.0	3264.3	3010.6	2785.8	2501.0	2184.3	1771.1
50°	3913.3	3889.2	3777.9	3748.3	3548.3	3230.9	2942.9	2704.8	2395.1	2051.2	1652.0
52.5°	3996.6	3970.1	3840.9	3802.0	3583.4	3213.0	2879.1	2620.8	2304.9	1937.6	1541.5
55°	4167.0	4127.3	3984.1	3940.5	3679.8	3237.9	2817.7	2543.0	2209.9	1836.4	1413.9
57.5°	4369.3	4363.1	4162.3	4110.2	3826.1	3304.0	2816.9	2447.3	2132.1	1730.6	1316.6
60°	4654.9	4634.6	4468.9	4417.5	4082.9	3444.8	2878.4	2381.9	2060.5	1645.0	1225.6
62.5°	4868.1	4829.2	4656.4	4618.3	4377.1	3694.6	2980.3	2377.2	1981.2	1574.2	1133.8
65°	5180.9	5133.4	4973.9	4928.0	4620.6	3998.1	3203.6	2425.5	1883.1	1520.5	1066.1
67.5°	5513.2	5488.3	5370.0	5328.7	5123.3	4446.3	3515.7	2575.7	1810.7	1483.1	992.9
70°	5861.8	5847.8	5812.7	5819.7	5707.7	4996.5	3981.8	2862.8	1840.3	1458.2	935.3
72.5°	6034.5	6021.3	6132.6	6167.6	6131.8	5321.7	4293.0	3250.3	1951.6	1356.3	897.2
75°	6145.8	6167.6	6306.1	6333.3	6140.3	5202.7	4146.7	3086.1	2040.3	1203.8	867.6
77.5°	6220.5	6233.7	6293.6	6261.0	5827.5	4724.9	3748.3	2780.3	1882.3	1094.1	827.9
80°	6160.6	6162.9	6099.9	5994.8	5290.6	4156.1	3088.5	2237.9	1603.8	933.8	708.1
82.5°	5782.4	5725.6	5308.5	5089.1	4256.5	3097.8	2065.2	1568.0	1304.9	837.3	484.8
85°	4688.3	4635.4	3839.4	3670.5	3024.6	2226.3	1688.6	1378.9	1157.9	815.5	309.7
87.5°	3301.7	3255.0	2848.0	2723.5	2385.8	1859.8	1514.3	1260.6	1043.5	759.5	189.1
90°	2615.3	2561.7	2299.4	2240.3	2016.2	1662.9	1368.0	1138.4	932.2	645.1	155.6
92.5°	2173.4	2140.7	1974.9	1950.0	1787.4	1508.8	1258.3	1039.6	823.3	508.9	139.3
95°	1843.4	1837.2	1715.0	1705.7	1614.7	1395.2	1169.6	975.8	715.1	386.7	133.1
97.5°	1623.2	1603.8	1535.3	1547.0	1490.1	1284.7	1078.5	912.8	608.5	315.1	140.8
100°	1458.2	1448.9	1399.1	1417.0	1371.1	1203.8	1013.9	830.3	532.3	270.0	150.2
102.5°	1347.0	1338.4	1305.7	1328.3	1287.8	1123.6	952.4	753.2	480.1	264.6	158.0
105°	1255.1	1249.7	1234.9	1257.5	1218.6	1043.5	877.0	691.8	434.2	267.7	164.2
107.5°	1165.7	1156.3	1133.0	1147.8	1097.2	960.2	798.4	634.2	419.4	273.1	167.3
110°	1046.6	1046.6	1045.8	1059.8	1020.9	893.3	736.9	568.8	417.1	275.5	167.3

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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	17°	25°	35°	45°	55°	65°	75°	85°
112.5°	991.4	986.7	985.1	994.5	944.7	820.9	695.7	525.2	388.3	273.1	162.6
115°	935.3	929.9	932.2	933.0	884.0	761.0	639.6	501.9	365.7	263.8	154.1
117.5°	886.3	883.2	883.2	882.4	818.6	715.1	575.8	477.0	347.8	246.7	143.2
120°	826.4	822.5	817.8	817.8	764.1	650.5	543.1	427.2	326.0	235.0	133.1
122.5°	768.0	764.1	754.0	754.0	696.4	587.5	523.7	410.9	319.8	221.8	123.7
125°	713.6	710.4	701.9	697.2	635.0	596.1	483.2	397.6	308.9	214.8	114.4
127.5°	671.5	666.1	651.3	647.4	648.2	585.9	479.3	383.6	312.0	204.7	105.8
130°	702.7	691.0	690.2	688.7	658.3	564.2	496.5	406.2	311.3	198.4	97.3
132.5°	721.3	717.4	699.6	694.1	646.6	600.7	487.1	408.5	308.9	189.9	88.7
135°	725.2	721.3	703.4	702.7	685.5	601.5	528.4	423.3	301.9	179.0	80.1
137.5°	762.6	761.8	755.6	752.5	694.9	611.6	525.2	413.2	284.8	162.6	73.1
140°	748.6	745.5	719.8	713.6	670.8	610.8	505.8	381.3	247.5	140.8	66.9
142.5°	603.1	606.2	594.5	598.4	557.9	471.6	407.7	302.7	208.5	123.7	61.5
145°	469.2	469.2	446.7	436.5	409.3	382.1	326.8	247.5	179.8	112.1	56.0
147.5°	357.2	356.4	363.4	365.7	340.8	303.5	256.0	211.7	154.1	101.9	49.0
150°	315.9	312.0	295.7	294.9	289.5	256.0	228.0	193.8	139.3	91.8	44.4
152.5°	278.6	280.1	272.4	268.5	249.0	233.4	209.3	168.9	127.6	80.9	38.9
155°	236.6	237.3	234.2	235.0	229.6	210.1	179.0	145.5	112.8	71.6	35.8
157.5°	214.0	213.2	207.0	207.0	205.4	178.2	150.2	129.2	95.7	62.3	34.2
160°	188.3	187.5	180.5	175.9	165.0	144.0	128.4	103.5	81.7	53.7	32.7
162.5°	146.3	144.7	139.3	137.0	130.7	122.2	104.3	85.6	65.4	44.4	28.0
165°	120.6	120.6	117.5	118.3	110.5	94.9	83.3	67.7	51.4	33.5	22.6
167.5°	92.6	91.0	89.5	87.9	83.3	75.5	63.8	52.1	36.6	23.3	16.3
170°	70.8	70.8	68.5	67.7	63.0	56.8	46.7	33.5	24.1	13.2	10.9
172.5°	49.8	50.6	48.2	47.5	44.4	35.0	27.2	19.5	13.2	9.3	7.0
175°	24.9	23.3	17.9	17.9	15.6	14.0	10.9	8.6	7.0	6.2	5.4
177.5°	3.9	3.1	3.9	3.9	4.7	5.4	5.4	6.2	5.4	5.4	4.7
180°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3044.1	3044.1	3044.1	3044.1	3044.1	3044.1	3044.1	3044.1	3044.1	3044.1	3044.1
2.5°	3040.2	3026.2	2999.0	2975.6	2953.8	2931.3	2915.7	2897.8	2876.8	2872.1	2876.8
5°	3029.3	3001.3	2948.4	2895.5	2840.2	2801.3	2756.2	2725.8	2700.2	2688.5	2684.6
7.5°	3008.3	2968.6	2884.6	2804.4	2722.7	2649.6	2582.7	2537.5	2492.4	2478.4	2483.8
10°	2979.5	2921.9	2809.9	2700.9	2585.0	2483.1	2396.7	2315.0	2266.7	2234.1	2230.9
12.5°	2935.2	2865.9	2722.0	2580.3	2434.8	2301.0	2180.4	2091.7	2011.5	1983.5	1963.3
15°	2883.8	2799.0	2627.8	2443.4	2264.4	2108.8	1949.3	1829.4	1722.0	1684.7	1659.8
17.5°	2822.3	2724.3	2518.1	2304.1	2085.4	1879.2	1697.1	1518.2	1413.9	1341.5	1351.6
20°	2753.9	2641.8	2406.0	2151.6	1890.9	1635.7	1413.1	1231.0	1101.1	1032.6	1018.6
22.5°	2672.1	2547.6	2274.5	1987.4	1690.1	1388.2	1131.4	933.0	793.7	737.7	722.9
25°	2588.1	2442.6	2139.9	1814.6	1466.8	1137.6	868.4	675.4	572.7	523.7	519.0
27.5°	2483.8	2336.0	1997.5	1639.6	1242.7	901.9	649.0	498.8	420.2	402.3	396.1
30°	2376.5	2213.0	1852.0	1447.3	1038.0	708.9	488.7	391.4	372.0	375.1	374.3
32.5°	2260.5	2085.4	1690.9	1261.4	834.2	540.0	384.4	368.8	378.2	395.3	398.4
35°	2147.7	1963.3	1547.7	1073.8	670.0	422.5	349.4	379.0	416.3	446.7	456.8
37.5°	2034.8	1831.0	1388.2	909.7	538.5	354.1	353.3	414.8	537.7	666.9	693.3
40°	1911.9	1711.1	1236.5	758.7	437.3	325.3	379.0	530.7	761.0	831.1	832.6
42.5°	1797.5	1573.4	1094.8	635.7	365.7	327.6	414.8	726.0	798.4	801.5	796.8
45°	1673.0	1457.5	957.1	522.1	316.7	339.3	541.6	751.7	740.8	649.0	630.3
47.5°	1559.4	1330.6	833.4	435.8	293.4	355.6	672.3	702.7	525.2	500.3	498.8
50°	1428.7	1212.3	718.2	365.7	287.9	387.5	652.1	520.6	492.6	459.9	455.2
52.5°	1322.8	1091.7	608.5	316.7	287.1	464.6	588.3	487.1	440.4	418.6	417.9
55°	1205.3	985.9	504.2	278.6	285.6	536.9	438.9	451.3	400.0	391.4	386.0
57.5°	1086.3	863.7	417.9	250.6	283.2	497.2	411.6	399.2	365.7	339.3	337.7
60°	1004.6	760.2	337.7	229.6	284.0	435.8	399.2	355.6	315.9	298.0	294.1
62.5°	900.3	671.5	277.0	215.5	285.6	343.9	374.3	313.6	275.5	260.7	257.6
65°	815.5	578.9	235.8	202.3	294.1	288.7	339.3	270.0	240.4	225.7	224.1
67.5°	738.5	494.9	200.0	191.4	301.1	271.6	301.1	235.0	207.8	196.9	193.8
70°	663.0	418.6	172.7	179.0	273.1	253.7	264.6	201.5	180.5	171.2	170.4
72.5°	603.1	347.8	147.8	165.7	233.4	236.6	223.3	173.5	154.9	144.7	144.7
75°	542.4	283.2	125.3	153.3	201.5	217.9	186.0	143.2	128.4	121.4	120.6
77.5°	480.1	204.7	108.9	146.3	178.2	197.6	156.4	117.5	105.0	99.6	100.4
80°	375.1	137.0	95.7	138.5	168.9	168.1	123.7	91.8	82.5	80.1	80.9
82.5°	252.9	86.4	80.9	113.6	147.1	137.7	89.5	68.5	60.7	59.1	58.4
85°	150.2	60.7	68.5	91.0	112.8	96.5	61.5	48.2	41.2	36.6	36.6
87.5°	87.9	50.6	56.8	80.9	78.6	59.9	39.7	28.8	21.0	17.1	16.3
90°	62.3	49.8	51.4	80.9	59.9	39.7	23.3	9.3	0.0	0.0	0.0
92.5°	63.8	55.2	54.5	86.4	59.9	38.9	22.6	9.3	0.0	0.0	0.0
95°	82.5	63.8	60.7	81.7	62.3	41.2	24.1	11.7	0.0	0.0	0.0
97.5°	98.0	72.4	66.9	77.8	63.8	42.8	24.9	10.9	0.0	0.0	0.0
100°	108.2	81.7	69.3	75.5	66.1	45.1	25.7	10.9	0.0	0.0	0.0
102.5°	117.5	91.0	73.9	77.0	69.3	45.9	26.5	11.7	0.0	0.0	0.0
105°	123.7	98.8	80.1	78.6	70.8	46.7	27.2	11.7	0.8	0.0	0.0
107.5°	126.1	102.7	85.6	77.8	74.7	46.7	26.5	11.7	0.8	0.0	0.0
110°	126.1	104.3	89.5	80.1	77.0	47.5	26.5	11.7	0.8	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	121.4	102.7	89.5	81.7	73.1	49.0	25.7	10.9	0.8	0.0	0.0
115°	115.9	99.6	87.9	86.4	68.5	48.2	24.9	10.9	0.8	0.0	0.0
117.5°	108.2	94.9	85.6	87.9	65.4	45.9	24.1	10.1	0.8	0.0	0.0
120°	99.6	89.5	81.7	87.2	64.6	42.0	22.6	9.3	0.0	0.0	0.0
122.5°	91.8	82.5	77.0	82.5	63.0	38.9	21.0	7.8	0.0	0.0	0.0
125°	84.0	75.5	70.8	77.8	59.9	36.6	18.7	7.0	0.0	0.0	0.0
127.5°	77.0	69.3	64.6	73.9	54.5	34.2	16.3	5.4	0.0	0.0	0.0
130°	70.0	62.3	59.1	67.7	47.5	31.9	14.8	3.9	0.0	0.0	0.0
132.5°	63.8	56.8	53.7	62.3	42.8	30.3	12.5	3.1	0.0	0.0	0.0
135°	58.4	52.9	49.0	56.0	38.1	28.0	11.7	2.3	0.0	0.0	0.0
137.5°	53.7	49.8	47.5	50.6	32.7	25.7	10.1	1.6	0.0	0.0	0.0
140°	50.6	46.7	47.5	44.4	29.6	23.3	8.6	1.6	0.0	0.0	0.0
142.5°	47.5	44.4	46.7	38.9	26.5	20.2	7.0	0.8	0.0	0.0	0.0
145°	43.6	42.0	45.1	32.7	23.3	17.9	6.2	0.8	0.0	0.0	0.0
147.5°	40.5	39.7	42.8	27.2	20.2	15.6	4.7	0.0	0.0	0.0	0.0
150°	38.1	38.9	38.9	22.6	17.9	13.2	3.9	0.0	0.0	0.0	0.0
152.5°	35.8	36.6	34.2	18.7	14.8	10.9	2.3	0.0	0.0	0.0	0.0
155°	33.5	34.2	29.6	16.3	12.5	8.6	2.3	0.0	0.0	0.0	0.0
157.5°	31.9	31.9	25.7	14.0	9.3	6.2	1.6	0.0	0.0	0.0	0.0
160°	30.3	29.6	21.8	11.7	7.8	3.9	0.8	0.0	0.0	0.0	0.0
162.5°	27.2	24.1	17.9	10.1	6.2	3.1	0.8	0.0	0.0	0.0	0.0
165°	21.0	18.7	13.2	7.8	3.9	1.6	0.0	0.0	0.0	0.0	0.0
167.5°	14.8	13.2	8.6	5.4	3.1	1.6	0.0	0.0	0.0	0.0	0.0
170°	10.1	8.6	5.4	3.9	2.3	0.8	0.0	0.0	0.0	0.0	0.0
172.5°	6.2	5.4	3.9	3.1	1.6	0.8	0.0	0.0	0.0	0.0	0.0
175°	5.4	4.7	3.1	2.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	3.9	3.9	2.3	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0
180°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3

(END OF REPORT)