

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: P1554980

Luminaire Tested: **AXCL10ARL-W**

Issue Date: 9/1/2026

Test Information

Test Method: LM-79-08
Report Number: P1554980
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-W
Description: Axcent Wall Mount Luminaire , Refractive Lens, 3000K LEDs
Light Source: -
Ballast/Driver: -

Summary

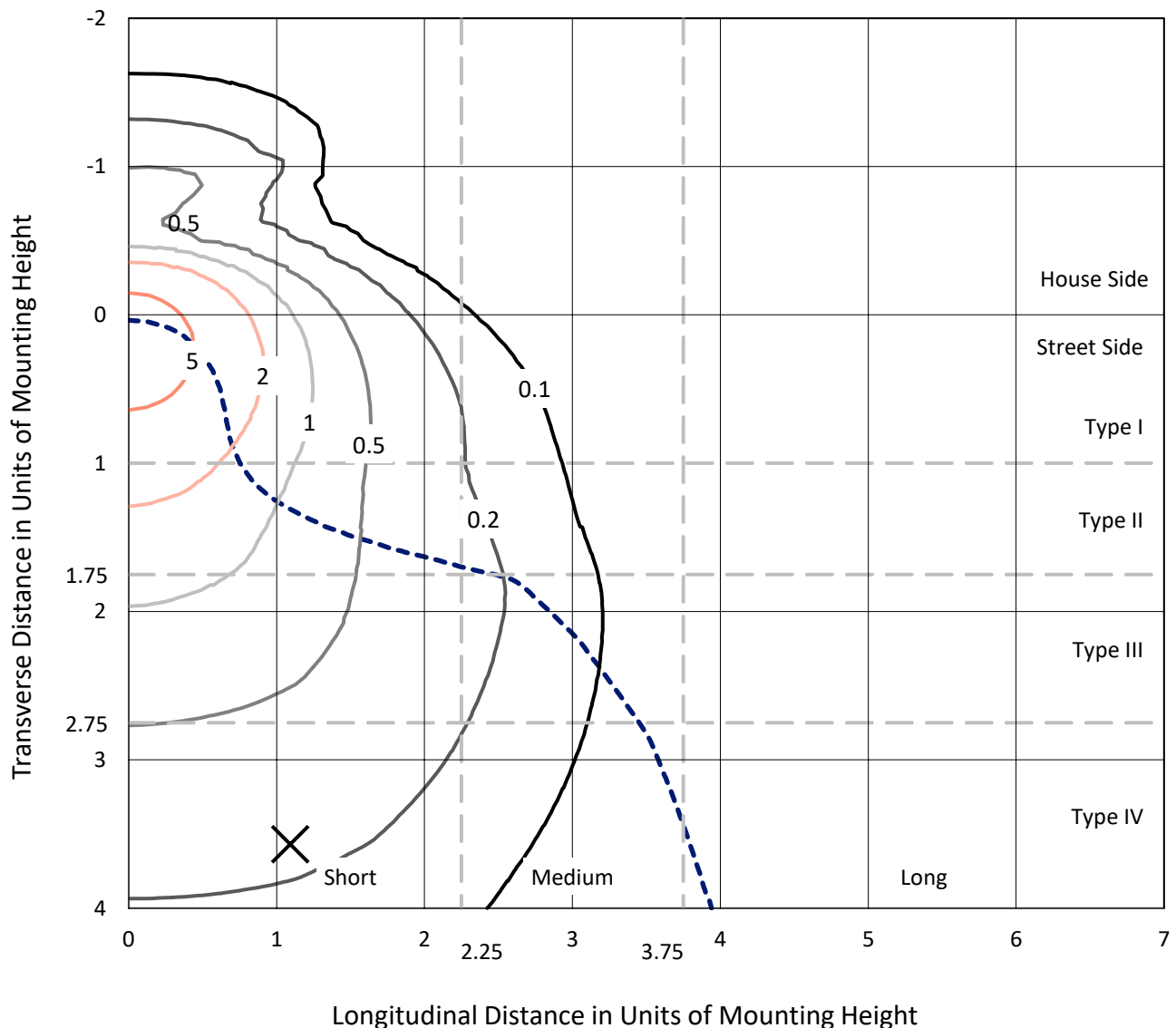
Lumens per Lamp: N/A
Luminaire Lumens: 11700 lumens
Efficiency: N/A
Efficacy: 131.3 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.75' x L: 0.29' x H: 0.38')
IES Classification: Type IV - Short
BUG Rating: B2 - U5 - G5

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

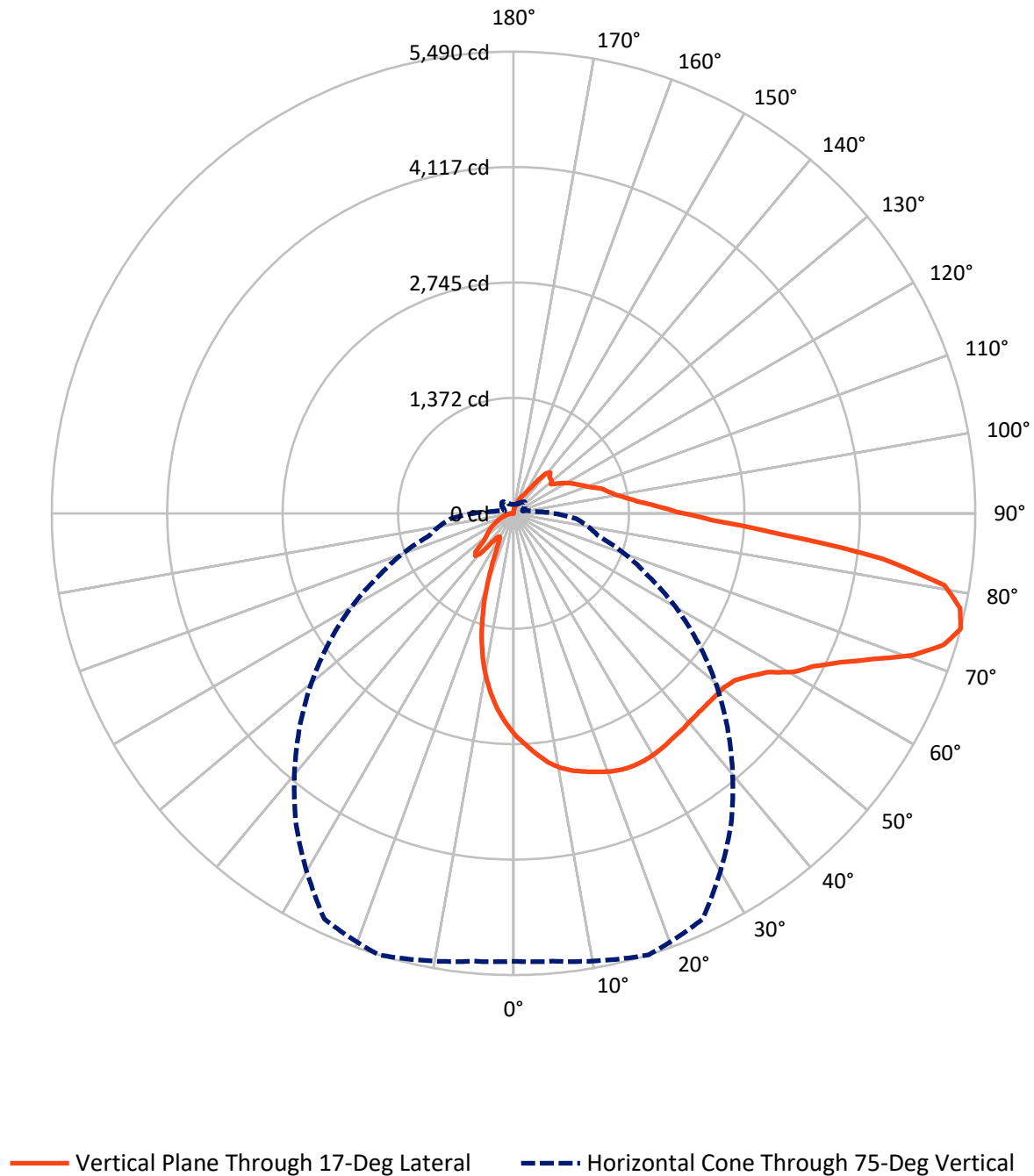
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 7.3 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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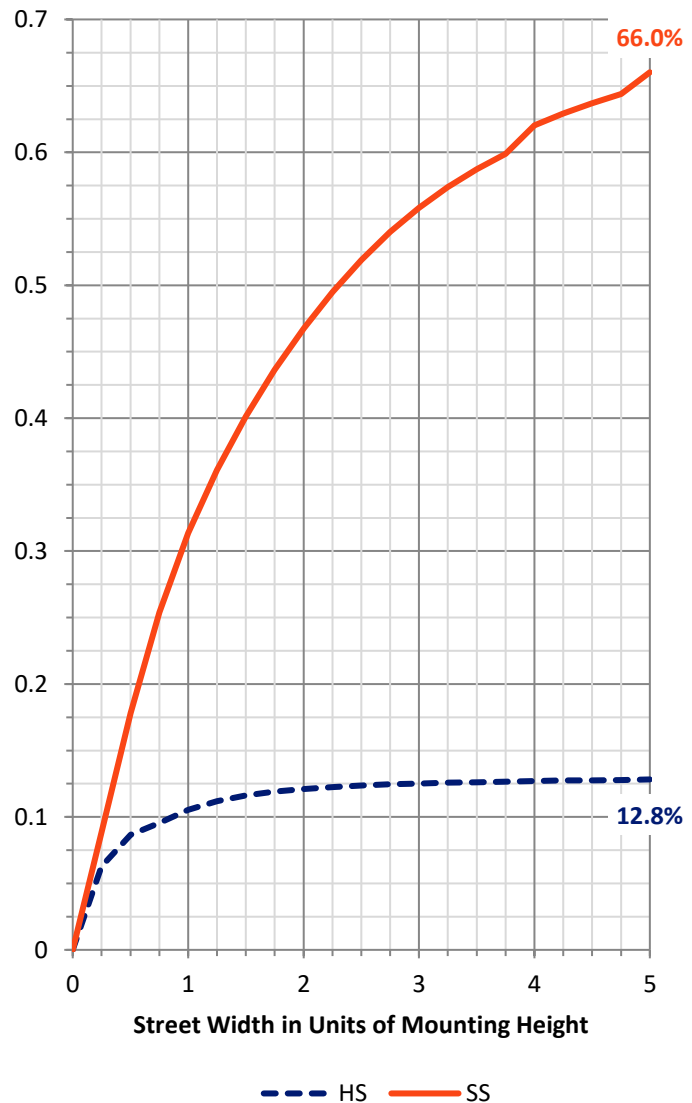
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1528.3	92.3	1620.6
	% Fixture	13.1	0.8	13.9
Street Side	Lumens	8450.6	1628.8	10079.4
	% Fixture	72.2	13.9	86.1
Total	Lumens	9978.9	1721.1	11700.0
	% Fixture	85.3	14.7	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	247.8	2.1
10°-20°	680.2	5.8
20°-30°	948.5	8.1
30°-40°	1114.9	9.5
40°-50°	1244.1	10.6
50°-60°	1311.5	11.2
60°-70°	1534.6	13.1
70°-80°	1809.4	15.5
80°-90°	1088.1	9.3
90°-100°	551.7	4.7
100°-110°	387.1	3.3
110°-120°	280.7	2.4
120°-130°	199.0	1.7
130°-140°	165.2	1.4
140°-150°	90.2	0.8
150°-160°	35.5	0.3
160°-170°	10.8	0.1
170°-180°	1.0	0.0
0°-90°	9978.9	85.3
0°-180°	11700.0	100.0

Coefficient of Utilization



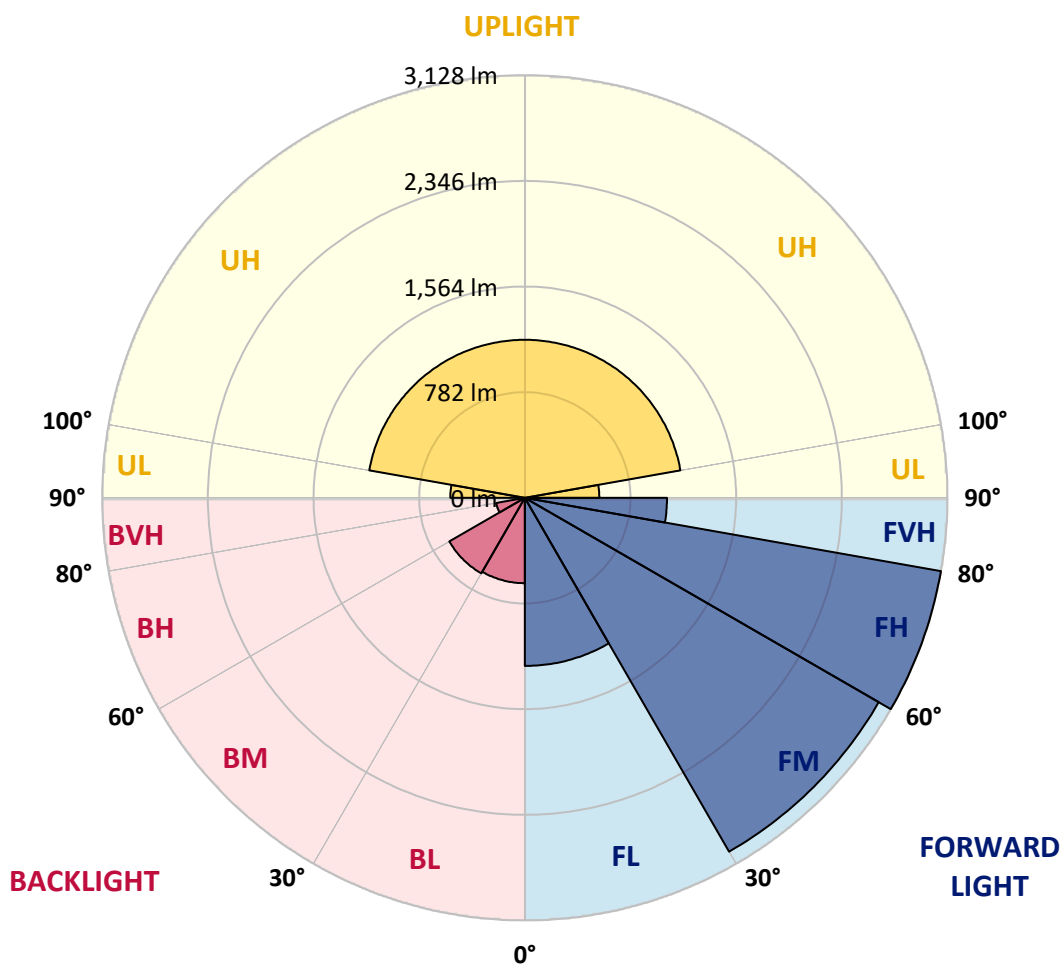
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1244.5	10.6			
FM	(30°-60°)	3025.0	25.9			
FH	(60°-80°)	3128.4	26.7			G2/5000
FVH	(80°-90°)	1052.7	9.0			G5
BL	(0°-30°)	631.9	5.4	B2/1000		
BM	(30°-60°)	645.4	5.5	B1/1000		
BH	(60°-80°)	215.5	1.8	B1/500		G1/500
BVH	(80°-90°)	35.4	0.3			G1/100
UL	(90°-100°)	551.7	4.7		U4/1000	
UH	(100°-180°)	1169.4	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°	2638.6	2638.6	2638.6	2638.6	2638.6	2638.6	2638.6	2638.6	2638.6	2638.6	2638.6
2.5°	2769.5	2764.7	2758.0	2754.6	2746.5	2737.8	2725.6	2706.1	2688.5	2663.6	2646.7
5°	2888.2	2889.5	2878.1	2876.7	2855.1	2836.9	2802.5	2770.1	2737.1	2689.2	2648.7
7.5°	3014.3	3006.2	2994.7	2992.7	2967.8	2935.4	2892.9	2830.8	2771.5	2706.7	2642.7
10°	3100.6	3095.9	3083.1	3078.4	3060.2	3022.4	2962.4	2889.5	2805.9	2714.2	2627.8
12.5°	3161.3	3155.9	3142.5	3139.8	3118.2	3079.1	3018.4	2934.7	2832.2	2711.5	2602.2
15°	3212.6	3206.5	3191.0	3187.7	3157.3	3116.8	3051.4	2963.0	2847.0	2703.4	2569.8
17.5°	3265.2	3258.5	3238.9	3232.2	3198.4	3143.8	3065.6	2973.2	2851.1	2686.5	2530.7
20°	3312.4	3305.0	3283.4	3277.4	3233.5	3166.7	3071.0	2969.8	2843.0	2662.2	2480.1
22.5°	3343.5	3336.7	3313.1	3309.1	3261.8	3182.9	3073.0	2953.6	2822.1	2628.5	2420.8
25°	3358.3	3351.6	3330.0	3323.9	3273.3	3189.7	3068.3	2931.3	2788.4	2583.3	2354.7
27.5°	3362.3	3356.3	3332.0	3325.2	3271.3	3182.3	3055.4	2903.0	2740.5	2528.7	2279.8
30°	3355.6	3349.5	3324.6	3316.5	3257.1	3162.7	3028.5	2862.5	2682.5	2468.0	2200.9
32.5°	3346.2	3338.7	3307.0	3297.6	3231.5	3132.3	2987.3	2812.0	2617.0	2399.2	2106.4
35°	3331.3	3322.5	3284.1	3273.3	3201.1	3088.5	2937.4	2755.3	2552.3	2320.9	2019.4
37.5°	3334.7	3323.9	3276.0	3260.5	3171.5	3037.2	2882.8	2693.9	2480.8	2244.0	1925.7
40°	3325.2	3313.1	3256.4	3241.6	3149.9	2990.7	2808.6	2623.8	2414.0	2165.1	1839.3
42.5°	3332.7	3320.5	3253.1	3231.5	3114.8	2934.7	2740.5	2556.3	2331.0	2082.8	1732.8
45°	3349.5	3334.7	3256.4	3230.8	3089.8	2875.4	2677.7	2481.5	2258.9	1985.7	1636.3
47.5°	3346.8	3336.0	3258.5	3236.2	3079.7	2829.5	2609.6	2414.7	2167.8	1893.3	1535.1
50°	3392.0	3371.1	3274.7	3249.0	3075.7	2800.5	2550.9	2344.5	2076.1	1778.0	1431.9
52.5°	3464.2	3441.3	3329.3	3295.6	3106.0	2785.0	2495.6	2271.7	1997.8	1679.5	1336.2
55°	3611.9	3577.5	3453.4	3415.6	3189.7	2806.6	2442.3	2204.2	1915.6	1591.8	1225.6
57.5°	3787.3	3781.9	3607.9	3562.7	3316.5	2863.9	2441.7	2121.3	1848.1	1500.1	1141.2
60°	4034.8	4017.3	3873.6	3829.1	3539.1	2986.0	2494.9	2064.6	1786.1	1425.9	1062.3
62.5°	4219.6	4185.9	4036.2	4003.1	3794.0	3202.5	2583.3	2060.6	1717.3	1364.5	982.7
65°	4490.8	4449.6	4311.4	4271.6	4005.1	3465.5	2776.9	2102.4	1632.3	1318.0	924.1
67.5°	4778.8	4757.2	4654.7	4618.9	4440.9	3854.0	3047.4	2232.6	1569.5	1285.6	860.7
70°	5080.9	5068.8	5038.5	5044.5	4947.4	4330.9	3451.4	2481.5	1595.2	1264.0	810.7
72.5°	5230.7	5219.2	5315.7	5346.0	5315.0	4612.9	3721.2	2817.4	1691.6	1175.6	777.7
75°	5327.1	5346.0	5466.1	5489.7	5322.4	4509.7	3594.4	2675.0	1768.5	1043.4	752.1
77.5°	5391.9	5403.4	5455.3	5427.0	5051.3	4095.5	3249.0	2410.0	1631.6	948.3	717.7
80°	5340.0	5342.0	5287.3	5196.3	4585.9	3602.5	2677.1	1939.8	1390.1	809.4	613.8
82.5°	5012.2	4962.9	4601.4	4411.2	3689.5	2685.2	1790.1	1359.1	1131.1	725.8	420.2
85°	4063.8	4018.0	3327.9	3181.6	2621.8	1929.7	1463.6	1195.2	1003.6	706.9	268.4
87.5°	2861.9	2821.4	2468.6	2360.7	2068.0	1612.0	1312.6	1092.7	904.5	658.3	163.9
90°	2267.0	2220.4	1993.1	1941.9	1747.6	1441.4	1185.8	986.8	808.0	559.2	134.9
92.5°	1883.9	1855.5	1711.9	1690.3	1549.3	1307.8	1090.7	901.1	713.6	441.1	120.7
95°	1597.9	1592.5	1486.6	1478.5	1399.6	1209.4	1013.8	845.8	619.9	335.2	115.3
97.5°	1407.0	1390.1	1330.8	1340.9	1291.7	1113.6	934.8	791.2	527.5	273.2	122.1
100°	1264.0	1255.9	1212.7	1228.3	1188.5	1043.4	878.9	719.7	461.4	234.0	130.2
102.5°	1167.5	1160.1	1131.8	1151.4	1116.3	974.0	825.6	652.9	416.2	229.3	136.9
105°	1088.0	1083.2	1070.4	1090.0	1056.3	904.5	760.2	599.6	376.4	232.0	142.3
107.5°	1010.4	1002.3	982.1	994.9	951.0	832.3	692.0	549.7	363.6	236.7	145.0
110°	907.2	907.2	906.5	918.7	884.9	774.3	638.7	493.1	361.5	238.8	145.0



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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	17°	25°	35°	45°	55°	65°	75°	85°
112.5°	859.3	855.3	853.9	862.0	818.8	711.6	603.0	455.3	336.6	236.7	141.0
115°	810.7	806.0	808.0	808.7	766.2	659.7	554.4	435.0	317.0	228.7	133.5
117.5°	768.2	765.5	765.5	764.9	709.6	619.9	499.1	413.5	301.5	213.8	124.1
120°	716.3	712.9	708.9	708.9	662.4	563.9	470.8	370.3	282.6	203.7	115.3
122.5°	665.7	662.4	653.6	653.6	603.7	509.2	453.9	356.1	277.2	192.2	107.2
125°	618.5	615.8	608.4	604.3	550.4	516.7	418.9	344.7	267.8	186.2	99.2
127.5°	582.1	577.4	564.5	561.2	561.9	507.9	415.5	332.5	270.5	177.4	91.7
130°	609.1	598.9	598.3	596.9	570.6	489.0	430.3	352.1	269.8	172.0	84.3
132.5°	625.3	621.9	606.4	601.6	560.5	520.7	422.2	354.1	267.8	164.6	76.9
135°	628.6	625.3	609.7	609.1	594.2	521.4	458.0	366.9	261.7	155.1	69.5
137.5°	661.0	660.3	654.9	652.2	602.3	530.2	455.3	358.2	246.9	141.0	63.4
140°	648.9	646.2	623.9	618.5	581.4	529.5	438.4	330.5	214.5	122.1	58.0
142.5°	522.7	525.4	515.3	518.7	483.6	408.7	353.4	262.4	180.8	107.2	53.3
145°	406.7	406.7	387.2	378.4	354.8	331.2	283.3	214.5	155.8	97.1	48.6
147.5°	309.6	308.9	315.0	317.0	295.4	263.1	221.9	183.5	133.5	88.4	42.5
150°	273.8	270.5	256.3	255.6	250.9	221.9	197.6	167.9	120.7	79.6	38.4
152.5°	241.5	242.8	236.1	232.7	215.8	202.3	181.4	146.4	110.6	70.1	33.7
155°	205.0	205.7	203.0	203.7	199.0	182.1	155.1	126.1	97.8	62.1	31.0
157.5°	185.5	184.8	179.4	179.4	178.1	154.5	130.2	112.0	83.0	54.0	29.7
160°	163.2	162.6	156.5	152.4	143.0	124.8	111.3	89.7	70.8	46.5	28.3
162.5°	126.8	125.5	120.7	118.7	113.3	105.9	90.4	74.2	56.7	38.4	24.3
165°	104.5	104.5	101.8	102.5	95.8	82.3	72.2	58.7	44.5	29.0	19.6
167.5°	80.3	78.9	77.6	76.2	72.2	65.4	55.3	45.2	31.7	20.2	14.2
170°	61.4	61.4	59.4	58.7	54.6	49.2	40.5	29.0	20.9	11.5	9.4
172.5°	43.2	43.8	41.8	41.1	38.4	30.4	23.6	16.9	11.5	8.1	6.1
175°	21.6	20.2	15.5	15.5	13.5	12.1	9.4	7.4	6.1	5.4	4.7
177.5°	3.4	2.7	3.4	3.4	4.0	4.7	4.7	5.4	4.7	4.7	4.0
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2638.6	2638.6	2638.6	2638.6	2638.6	2638.6	2638.6	2638.6	2638.6	2638.6	2638.6
2.5°	2635.2	2623.1	2599.5	2579.3	2560.4	2540.8	2527.3	2511.8	2493.6	2489.6	2493.6
5°	2625.8	2601.5	2555.7	2509.8	2461.9	2428.2	2389.1	2362.7	2340.5	2330.4	2327.0
7.5°	2607.6	2573.2	2500.3	2430.9	2360.0	2296.6	2238.6	2199.5	2160.4	2148.3	2153.0
10°	2582.6	2532.7	2435.6	2341.2	2240.7	2152.3	2077.4	2006.6	1964.8	1936.5	1933.8
12.5°	2544.2	2484.2	2359.4	2236.6	2110.5	1994.5	1889.9	1813.0	1743.6	1719.3	1701.7
15°	2499.7	2426.1	2277.8	2117.9	1962.8	1827.9	1689.6	1585.7	1492.7	1460.3	1438.7
17.5°	2446.4	2361.4	2182.7	1997.2	1807.6	1628.9	1471.1	1315.9	1225.6	1162.8	1171.6
20°	2387.0	2289.9	2085.5	1865.0	1639.0	1417.8	1224.9	1067.0	954.4	895.1	882.9
22.5°	2316.2	2208.3	1971.5	1722.7	1465.0	1203.3	980.7	808.7	688.0	639.4	626.6
25°	2243.4	2117.2	1854.9	1572.9	1271.4	986.1	752.7	585.5	496.4	453.9	449.9
27.5°	2153.0	2024.8	1731.4	1421.2	1077.2	781.7	562.5	432.3	364.2	348.7	343.3
30°	2059.9	1918.3	1605.3	1254.6	899.8	614.5	423.6	339.3	322.4	325.1	324.4
32.5°	1959.4	1807.6	1465.7	1093.4	723.1	468.1	333.2	319.7	327.8	342.6	345.3
35°	1861.6	1701.7	1341.6	930.8	580.7	366.2	302.8	328.5	360.9	387.2	395.9
37.5°	1763.8	1587.1	1203.3	788.5	466.7	306.9	306.2	359.5	466.1	578.0	601.0
40°	1657.2	1483.2	1071.8	657.6	379.1	281.9	328.5	460.0	659.7	720.4	721.7
42.5°	1558.1	1363.8	949.0	551.1	317.0	284.0	359.5	629.3	692.0	694.7	690.7
45°	1450.2	1263.3	829.6	452.6	274.5	294.1	469.4	651.6	642.1	562.5	546.3
47.5°	1351.7	1153.4	722.4	377.7	254.3	308.2	582.8	609.1	455.3	433.7	432.3
50°	1238.4	1050.9	622.6	317.0	249.6	335.9	565.2	451.2	427.0	398.6	394.6
52.5°	1146.6	946.3	527.5	274.5	248.9	402.7	509.9	422.2	381.8	362.9	362.2
55°	1044.8	854.6	437.1	241.5	247.5	465.4	380.4	391.2	346.7	339.3	334.5
57.5°	941.6	748.7	362.2	217.2	245.5	431.0	356.8	346.0	317.0	294.1	292.7
60°	870.8	659.0	292.7	199.0	246.2	377.7	346.0	308.2	273.8	258.3	255.0
62.5°	780.4	582.1	240.1	186.8	247.5	298.1	324.4	271.8	238.8	226.0	223.3
65°	706.9	501.8	204.4	175.4	255.0	250.2	294.1	234.0	208.4	195.6	194.3
67.5°	640.1	429.0	173.3	165.9	261.0	235.4	261.0	203.7	180.1	170.6	167.9
70°	574.7	362.9	149.7	155.1	236.7	219.9	229.3	174.7	156.5	148.4	147.7
72.5°	522.7	301.5	128.2	143.7	202.3	205.0	193.6	150.4	134.2	125.5	125.5
75°	470.1	245.5	108.6	132.9	174.7	188.9	161.2	124.1	111.3	105.2	104.5
77.5°	416.2	177.4	94.4	126.8	154.5	171.3	135.6	101.8	91.1	86.3	87.0
80°	325.1	118.7	83.0	120.1	146.4	145.7	107.2	79.6	71.5	69.5	70.1
82.5°	219.2	74.9	70.1	98.5	127.5	119.4	77.6	59.4	52.6	51.3	50.6
85°	130.2	52.6	59.4	78.9	97.8	83.6	53.3	41.8	35.7	31.7	31.7
87.5°	76.2	43.8	49.2	70.1	68.1	51.9	34.4	25.0	18.2	14.8	14.2
90°	54.0	43.2	44.5	70.1	51.9	34.4	20.2	8.1	0.0	0.0	0.0
92.5°	55.3	47.9	47.2	74.9	51.9	33.7	19.6	8.1	0.0	0.0	0.0
95°	71.5	55.3	52.6	70.8	54.0	35.7	20.9	10.1	0.0	0.0	0.0
97.5°	85.0	62.7	58.0	67.4	55.3	37.1	21.6	9.4	0.0	0.0	0.0
100°	93.8	70.8	60.0	65.4	57.3	39.1	22.3	9.4	0.0	0.0	0.0
102.5°	101.8	78.9	64.1	66.8	60.0	39.8	22.9	10.1	0.0	0.0	0.0
105°	107.2	85.7	69.5	68.1	61.4	40.5	23.6	10.1	0.7	0.0	0.0
107.5°	109.3	89.0	74.2	67.4	64.8	40.5	22.9	10.1	0.7	0.0	0.0
110°	109.3	90.4	77.6	69.5	66.8	41.1	22.9	10.1	0.7	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	105.2	89.0	77.6	70.8	63.4	42.5	22.3	9.4	0.7	0.0	0.0
115°	100.5	86.3	76.2	74.9	59.4	41.8	21.6	9.4	0.7	0.0	0.0
117.5°	93.8	82.3	74.2	76.2	56.7	39.8	20.9	8.8	0.7	0.0	0.0
120°	86.3	77.6	70.8	75.5	56.0	36.4	19.6	8.1	0.0	0.0	0.0
122.5°	79.6	71.5	66.8	71.5	54.6	33.7	18.2	6.7	0.0	0.0	0.0
125°	72.8	65.4	61.4	67.4	51.9	31.7	16.2	6.1	0.0	0.0	0.0
127.5°	66.8	60.0	56.0	64.1	47.2	29.7	14.2	4.7	0.0	0.0	0.0
130°	60.7	54.0	51.3	58.7	41.1	27.7	12.8	3.4	0.0	0.0	0.0
132.5°	55.3	49.2	46.5	54.0	37.1	26.3	10.8	2.7	0.0	0.0	0.0
135°	50.6	45.9	42.5	48.6	33.1	24.3	10.1	2.0	0.0	0.0	0.0
137.5°	46.5	43.2	41.1	43.8	28.3	22.3	8.8	1.3	0.0	0.0	0.0
140°	43.8	40.5	41.1	38.4	25.6	20.2	7.4	1.3	0.0	0.0	0.0
142.5°	41.1	38.4	40.5	33.7	22.9	17.5	6.1	0.7	0.0	0.0	0.0
145°	37.8	36.4	39.1	28.3	20.2	15.5	5.4	0.7	0.0	0.0	0.0
147.5°	35.1	34.4	37.1	23.6	17.5	13.5	4.0	0.0	0.0	0.0	0.0
150°	33.1	33.7	33.7	19.6	15.5	11.5	3.4	0.0	0.0	0.0	0.0
152.5°	31.0	31.7	29.7	16.2	12.8	9.4	2.0	0.0	0.0	0.0	0.0
155°	29.0	29.7	25.6	14.2	10.8	7.4	2.0	0.0	0.0	0.0	0.0
157.5°	27.7	27.7	22.3	12.1	8.1	5.4	1.3	0.0	0.0	0.0	0.0
160°	26.3	25.6	18.9	10.1	6.7	3.4	0.7	0.0	0.0	0.0	0.0
162.5°	23.6	20.9	15.5	8.8	5.4	2.7	0.7	0.0	0.0	0.0	0.0
165°	18.2	16.2	11.5	6.7	3.4	1.3	0.0	0.0	0.0	0.0	0.0
167.5°	12.8	11.5	7.4	4.7	2.7	1.3	0.0	0.0	0.0	0.0	0.0
170°	8.8	7.4	4.7	3.4	2.0	0.7	0.0	0.0	0.0	0.0	0.0
172.5°	5.4	4.7	3.4	2.7	1.3	0.7	0.0	0.0	0.0	0.0	0.0
175°	4.7	4.0	2.7	2.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	3.4	3.4	2.0	1.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0

(END OF REPORT)