

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: P1554989

Luminaire Tested: **AXCL12ARL-W**

Issue Date: 9/1/2026

Test Information

Test Method: LM-79-08
Report Number: P1554989
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: AXCL12ARL-W
Description: Axcent Wall Mount Luminaire , Refractive Lens, 3000K LEDs
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14244 lumens
Efficiency: N/A
Efficacy: 123.5 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

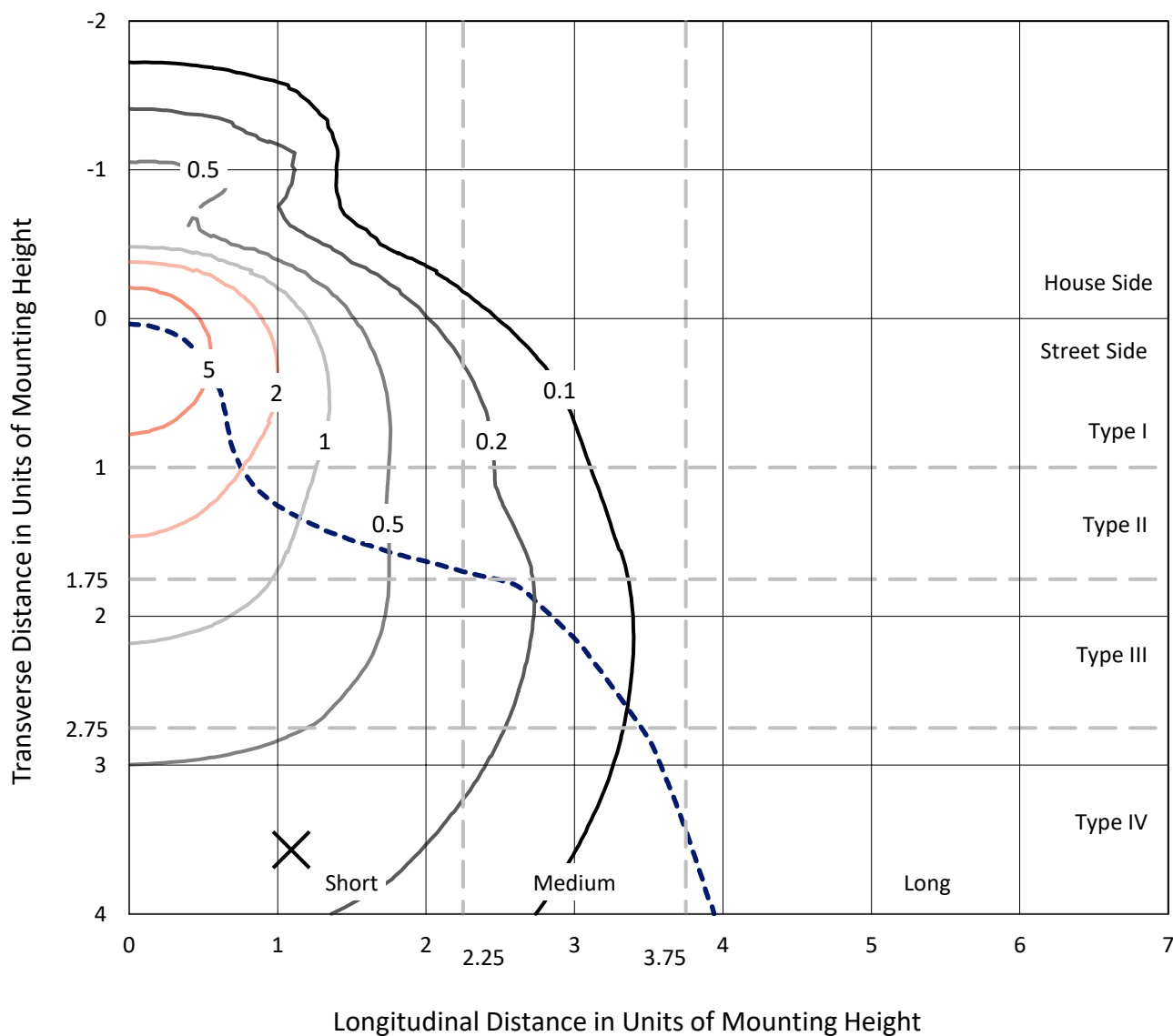
Input Watts (W): 115.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

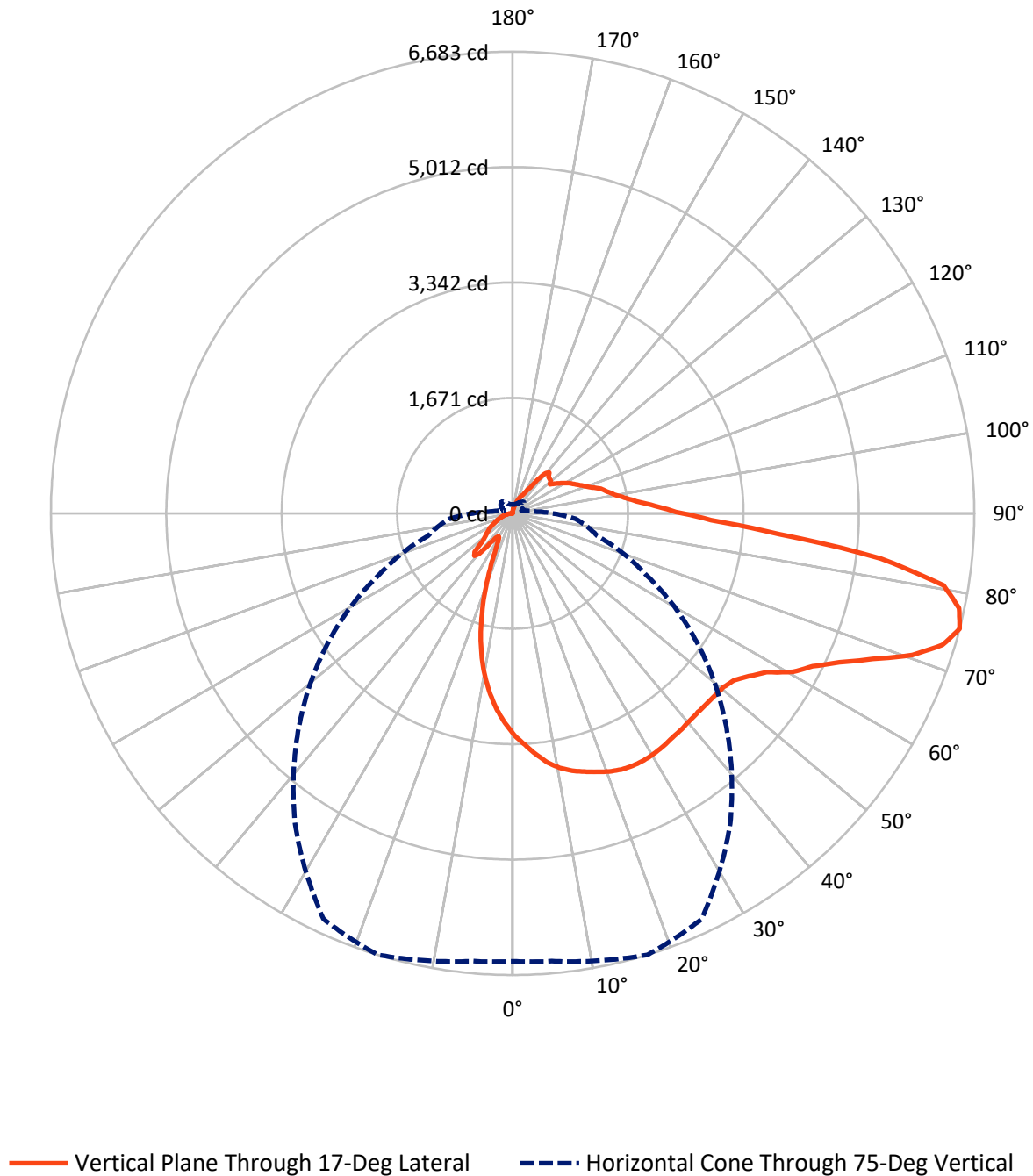
--- 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 8.9 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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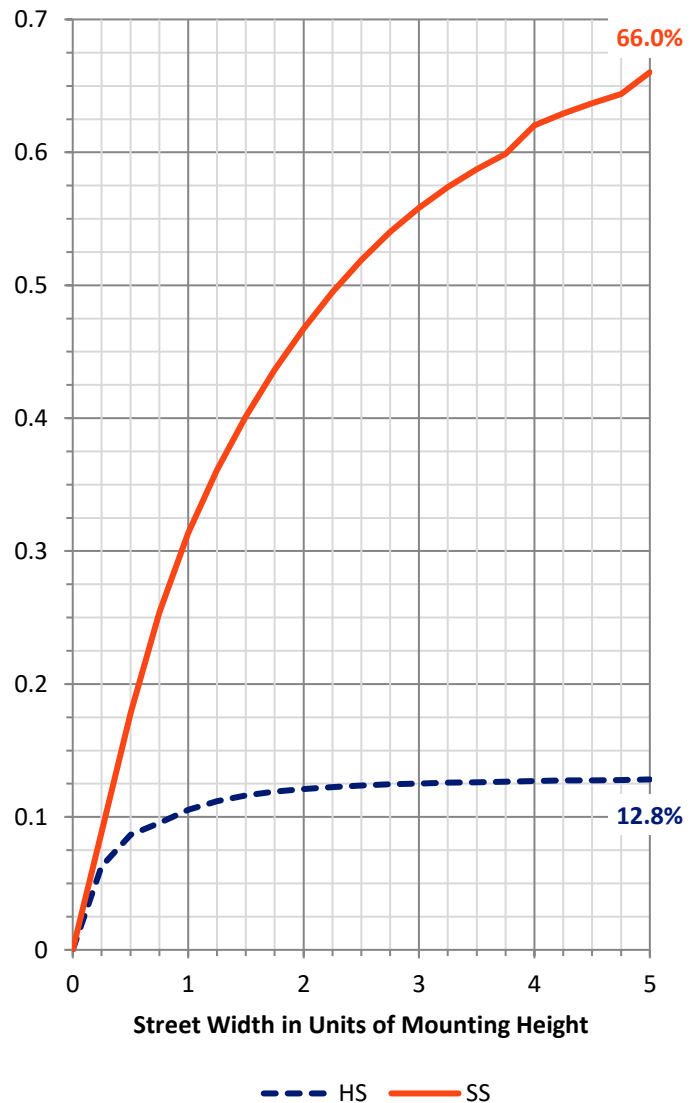
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1860.6	112.4	1973.0
	% Fixture	13.1	0.8	13.9
Street Side	Lumens	10288.1	1982.9	12271.0
	% Fixture	72.2	13.9	86.1
Total	Lumens	12148.7	2095.3	14244.0
	% Fixture	85.3	14.7	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	301.7	2.1
10°-20°	828.1	5.8
20°-30°	1154.7	8.1
30°-40°	1357.3	9.5
40°-50°	1514.6	10.6
50°-60°	1596.6	11.2
60°-70°	1868.3	13.1
70°-80°	2202.8	15.5
80°-90°	1324.6	9.3
90°-100°	671.6	4.7
100°-110°	471.2	3.3
110°-120°	341.7	2.4
120°-130°	242.2	1.7
130°-140°	201.1	1.4
140°-150°	109.8	0.8
150°-160°	43.2	0.3
160°-170°	13.2	0.1
170°-180°	1.3	0.0
0°-90°	12148.7	85.3
0°-180°	14244.0	100.0

Coefficient of Utilization



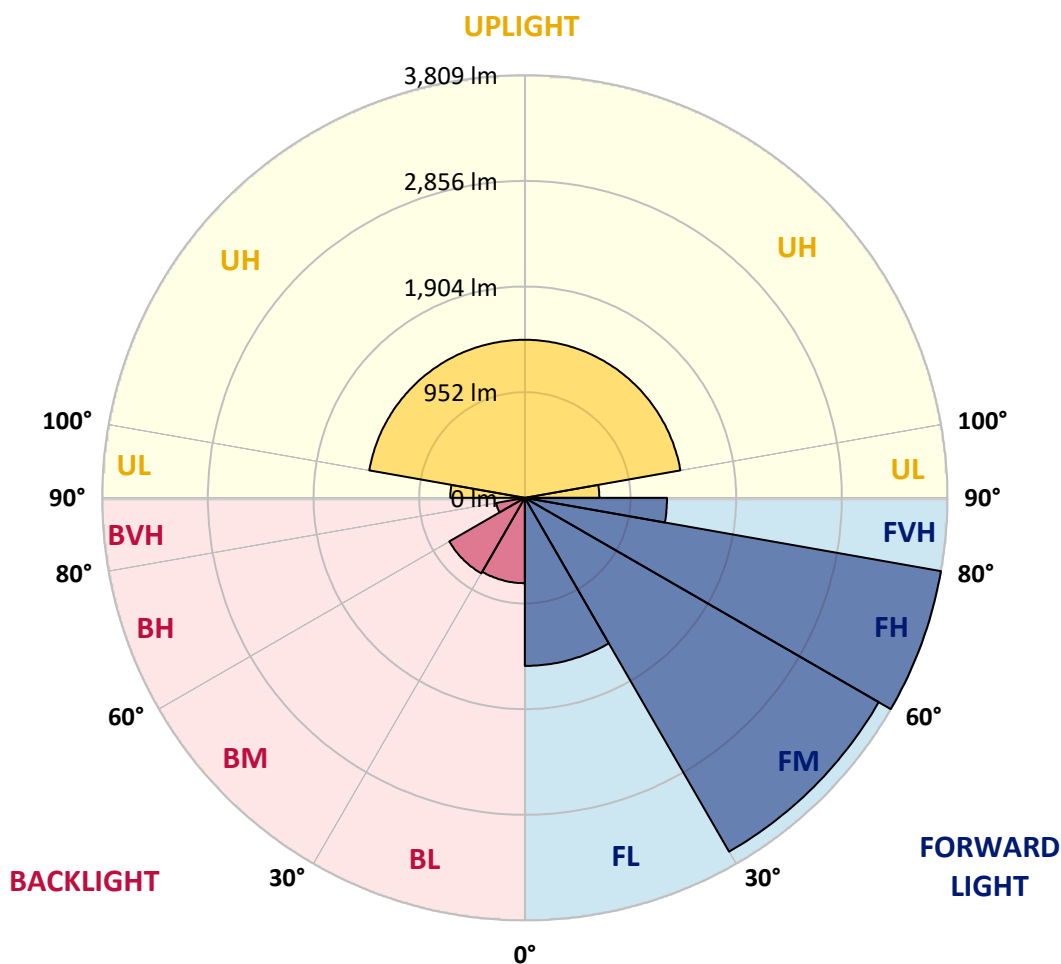
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1515.1	10.6			
FM	(30°-60°)	3682.8	25.9			
FH	(60°-80°)	3808.7	26.7			G2/5000
FVH	(80°-90°)	1281.6	9.0			G5
BL	(0°-30°)	769.3	5.4	B2/1000		
BM	(30°-60°)	785.8	5.5	B1/1000		
BH	(60°-80°)	262.4	1.8	B1/500		G1/500
BVH	(80°-90°)	43.1	0.3			G1/100
UL	(90°-100°)	671.6	4.7		U4/1000	
UH	(100°-180°)	1423.7	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°	3212.3	3212.3	3212.3	3212.3	3212.3	3212.3	3212.3	3212.3	3212.3	3212.3	3212.3
2.5°	3371.6	3365.9	3357.7	3353.6	3343.7	3333.1	3318.3	3294.5	3273.1	3242.7	3222.2
5°	3516.2	3517.8	3503.9	3502.2	3475.9	3453.8	3411.9	3372.5	3332.2	3273.9	3224.7
7.5°	3669.7	3659.9	3645.9	3643.4	3613.1	3573.6	3521.9	3446.4	3374.1	3295.3	3217.3
10°	3774.8	3769.1	3753.5	3747.7	3725.6	3679.6	3606.5	3517.8	3416.0	3304.3	3199.2
12.5°	3848.7	3842.2	3825.7	3822.5	3796.2	3748.6	3674.7	3572.8	3448.0	3301.0	3168.0
15°	3911.1	3903.8	3884.9	3880.8	3843.8	3794.5	3714.9	3607.3	3466.1	3291.2	3128.6
17.5°	3975.2	3967.0	3943.2	3935.0	3893.9	3827.4	3732.1	3619.6	3471.0	3270.6	3081.0
20°	4032.7	4023.6	3997.4	3990.0	3936.6	3855.3	3738.7	3615.5	3461.2	3241.1	3019.4
22.5°	4070.4	4062.2	4033.5	4028.6	3971.1	3875.0	3741.2	3595.8	3435.7	3200.0	2947.1
25°	4088.5	4080.3	4054.0	4046.6	3985.0	3883.2	3735.4	3568.7	3394.6	3145.0	2866.6
27.5°	4093.4	4086.0	4056.5	4048.3	3982.6	3874.2	3719.8	3534.2	3336.3	3078.5	2775.5
30°	4085.2	4077.8	4047.5	4037.6	3965.3	3850.4	3687.0	3485.0	3265.7	3004.6	2679.4
32.5°	4073.7	4064.7	4026.1	4014.6	3934.1	3813.4	3636.9	3423.4	3186.1	2920.8	2564.5
35°	4055.7	4045.0	3998.2	3985.0	3897.2	3760.1	3576.1	3354.4	3107.2	2825.6	2458.5
37.5°	4059.8	4046.6	3988.3	3969.4	3861.1	3697.6	3509.6	3279.7	3020.2	2732.0	2344.4
40°	4048.3	4033.5	3964.5	3946.5	3834.8	3641.0	3419.3	3194.3	2938.9	2635.9	2239.3
42.5°	4057.3	4042.5	3960.4	3934.1	3792.1	3572.8	3336.3	3112.2	2837.9	2535.7	2109.5
45°	4077.8	4059.8	3964.5	3933.3	3761.7	3500.6	3260.0	3021.0	2750.0	2417.5	1992.1
47.5°	4074.6	4061.4	3967.0	3939.9	3749.4	3444.7	3177.0	2939.7	2639.2	2305.0	1868.9
50°	4129.6	4104.1	3986.7	3955.5	3744.4	3409.4	3105.6	2854.3	2527.5	2164.6	1743.3
52.5°	4217.4	4189.5	4053.2	4012.1	3781.4	3390.5	3038.3	2765.6	2432.2	2044.7	1626.7
55°	4397.3	4355.4	4204.3	4158.3	3883.2	3416.8	2973.4	2683.5	2332.1	1937.9	1492.0
57.5°	4610.8	4604.2	4392.3	4337.3	4037.6	3486.6	2972.6	2582.5	2250.0	1826.2	1389.4
60°	4912.1	4890.8	4715.9	4661.7	4308.6	3635.2	3037.4	2513.5	2174.4	1735.9	1293.3
62.5°	5137.1	5096.1	4913.8	4873.5	4619.0	3898.8	3145.0	2508.6	2090.7	1661.2	1196.4
65°	5467.2	5417.1	5248.8	5200.3	4876.0	4219.1	3380.7	2559.5	1987.2	1604.5	1125.0
67.5°	5817.9	5791.6	5666.8	5623.2	5406.5	4692.1	3710.0	2718.0	1910.8	1565.1	1047.8
70°	6185.7	6171.0	6134.0	6141.4	6023.1	5272.6	4201.8	3021.0	1942.0	1538.8	987.0
72.5°	6368.0	6354.1	6471.5	6508.4	6470.7	5615.9	4530.3	3429.9	2059.4	1431.3	946.8
75°	6485.5	6508.4	6654.6	6683.3	6479.7	5490.2	4375.9	3256.7	2153.1	1270.3	915.6
77.5°	6564.3	6578.2	6641.5	6607.0	6149.6	4986.0	3955.5	2934.0	1986.4	1154.5	873.7
80°	6501.1	6503.5	6437.0	6326.1	5583.0	4385.8	3259.1	2361.6	1692.4	985.4	747.2
82.5°	6102.0	6042.0	5601.9	5370.3	4491.7	3269.0	2179.3	1654.6	1377.1	883.6	511.6
85°	4947.4	4891.6	4051.6	3873.4	3191.8	2349.3	1781.9	1455.1	1221.9	860.6	326.8
87.5°	3484.1	3434.9	3005.4	2874.0	2517.6	1962.6	1598.0	1330.3	1101.2	801.4	199.5
90°	2759.9	2703.2	2426.5	2364.1	2127.6	1754.8	1443.6	1201.3	983.7	680.7	164.2
92.5°	2293.5	2259.0	2084.1	2057.8	1886.2	1592.2	1327.8	1097.1	868.8	537.0	147.0
95°	1945.3	1938.7	1809.8	1800.0	1703.9	1472.3	1234.2	1029.7	754.6	408.1	140.4
97.5°	1712.9	1692.4	1620.1	1632.4	1572.5	1355.7	1138.1	963.2	642.1	332.6	148.6
100°	1538.8	1529.0	1476.4	1495.3	1446.9	1270.3	1070.0	876.2	561.7	284.9	158.5
102.5°	1421.4	1412.4	1377.9	1401.7	1359.0	1185.7	1005.1	794.9	506.7	279.2	166.7
105°	1324.5	1318.8	1303.2	1327.0	1285.9	1101.2	925.4	730.0	458.2	282.5	173.3
107.5°	1230.1	1220.2	1195.6	1211.2	1157.8	1013.3	842.5	669.2	442.6	288.2	176.5
110°	1104.4	1104.4	1103.6	1118.4	1077.4	942.7	777.6	600.3	440.1	290.7	176.5



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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	17°	25°	35°	45°	55°	65°	75°	85°
112.5°	1046.1	1041.2	1039.6	1049.4	996.9	866.3	734.1	554.3	409.8	288.2	171.6
115°	987.0	981.3	983.7	984.6	932.8	803.1	675.0	529.6	385.9	278.4	162.6
117.5°	935.3	932.0	932.0	931.2	863.9	754.6	607.7	503.4	367.1	260.3	151.1
120°	872.1	868.0	863.0	863.0	806.4	686.5	573.2	450.8	344.1	248.0	140.4
122.5°	810.5	806.4	795.7	795.7	734.9	620.0	552.6	433.6	337.5	234.0	130.6
125°	753.0	749.7	740.7	735.8	670.1	629.0	509.9	419.6	326.0	226.6	120.7
127.5°	708.7	702.9	687.3	683.2	684.0	618.3	505.8	404.8	329.3	216.0	111.7
130°	741.5	729.2	728.4	726.7	694.7	595.3	523.9	428.6	328.5	209.4	102.6
132.5°	761.2	757.1	738.2	732.5	682.4	633.9	514.0	431.1	326.0	200.4	93.6
135°	765.3	761.2	742.3	741.5	723.4	634.7	557.6	446.7	318.6	188.9	84.6
137.5°	804.7	803.9	797.3	794.1	733.3	645.4	554.3	436.0	300.5	171.6	77.2
140°	789.9	786.7	759.6	753.0	707.8	644.6	533.7	402.4	261.1	148.6	70.6
142.5°	636.4	639.7	627.4	631.5	588.8	497.6	430.3	319.4	220.1	130.6	64.9
145°	495.2	495.2	471.3	460.7	431.9	403.2	344.9	261.1	189.7	118.2	59.1
147.5°	376.9	376.1	383.5	385.9	359.7	320.2	270.2	223.4	162.6	107.6	51.7
150°	333.4	329.3	312.0	311.2	305.5	270.2	240.6	204.5	147.0	96.9	46.8
152.5°	294.0	295.6	287.4	283.3	262.8	246.3	220.9	178.2	134.7	85.4	41.1
155°	249.6	250.5	247.2	248.0	242.2	221.7	188.9	153.6	119.1	75.5	37.8
157.5°	225.8	225.0	218.4	218.4	216.8	188.0	158.5	136.3	101.0	65.7	36.1
160°	198.7	197.9	190.5	185.6	174.1	151.9	135.5	109.2	86.2	56.7	34.5
162.5°	154.4	152.7	147.0	144.5	138.0	128.9	110.0	90.3	69.0	46.8	29.6
165°	127.3	127.3	124.0	124.8	116.6	100.2	87.9	71.4	54.2	35.3	23.8
167.5°	97.7	96.1	94.4	92.8	87.9	79.7	67.3	55.0	38.6	24.6	17.2
170°	74.7	74.7	72.3	71.4	66.5	59.9	49.3	35.3	25.5	14.0	11.5
172.5°	52.6	53.4	50.9	50.1	46.8	37.0	28.7	20.5	14.0	9.9	7.4
175°	26.3	24.6	18.9	18.9	16.4	14.8	11.5	9.0	7.4	6.6	5.7
177.5°	4.1	3.3	4.1	4.1	4.9	5.7	5.7	6.6	5.7	5.7	4.9
180°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5



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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3212.3	3212.3	3212.3	3212.3	3212.3	3212.3	3212.3	3212.3	3212.3	3212.3	3212.3
2.5°	3208.2	3193.5	3164.7	3140.1	3117.1	3093.3	3076.9	3058.0	3035.8	3030.9	3035.8
5°	3196.7	3167.2	3111.3	3055.5	2997.2	2956.1	2908.5	2876.5	2849.4	2837.1	2833.0
7.5°	3174.6	3132.7	3044.0	2959.4	2873.2	2796.0	2725.4	2677.8	2630.1	2615.4	2621.1
10°	3144.2	3083.4	2965.2	2850.2	2727.9	2620.3	2529.1	2442.9	2392.0	2357.5	2354.2
12.5°	3097.4	3024.3	2872.4	2722.9	2569.4	2428.1	2300.9	2207.3	2122.7	2093.1	2071.8
15°	3043.2	2953.7	2773.0	2578.4	2389.5	2225.3	2057.0	1930.5	1817.2	1777.8	1751.5
17.5°	2978.3	2874.8	2657.2	2431.4	2200.7	1983.1	1790.9	1602.1	1492.0	1415.7	1426.3
20°	2906.1	2787.8	2539.0	2270.5	1995.4	1726.1	1491.2	1299.1	1161.9	1089.7	1074.9
22.5°	2819.8	2688.4	2400.2	2097.2	1783.5	1464.9	1194.0	984.6	837.6	778.5	762.8
25°	2731.1	2577.6	2258.2	1914.9	1547.9	1200.5	916.4	712.8	604.4	552.6	547.7
27.5°	2621.1	2465.1	2107.9	1730.2	1311.4	951.7	684.8	526.4	443.4	424.5	418.0
30°	2507.8	2335.4	1954.3	1527.3	1095.4	748.1	515.7	413.0	392.5	395.8	395.0
32.5°	2385.4	2200.7	1784.4	1331.1	880.3	569.9	405.6	389.2	399.1	417.1	420.4
35°	2266.4	2071.8	1633.3	1133.2	707.0	445.9	368.7	399.9	439.3	471.3	482.0
37.5°	2147.3	1932.2	1464.9	959.9	568.2	373.6	372.8	437.7	567.4	703.7	731.6
40°	2017.6	1805.7	1304.8	800.6	461.5	343.2	399.9	560.0	803.1	877.0	878.6
42.5°	1896.9	1660.4	1155.4	670.9	385.9	345.7	437.7	766.1	842.5	845.8	840.9
45°	1765.5	1538.0	1010.0	551.0	334.2	358.0	571.5	793.2	781.7	684.8	665.1
47.5°	1645.6	1404.2	879.5	459.8	309.6	375.3	709.5	741.5	554.3	528.0	526.4
50°	1507.6	1279.4	757.9	385.9	303.8	408.9	688.1	549.4	519.8	485.3	480.4
52.5°	1396.0	1152.1	642.1	334.2	303.0	490.2	620.8	514.0	464.8	441.8	441.0
55°	1272.0	1040.4	532.1	294.0	301.4	566.6	463.1	476.3	422.1	413.0	407.3
57.5°	1146.3	911.5	441.0	264.4	298.9	524.7	434.4	421.3	385.9	358.0	356.4
60°	1060.1	802.3	356.4	242.2	299.7	459.8	421.3	375.3	333.4	314.5	310.4
62.5°	950.1	708.7	292.3	227.5	301.4	362.9	395.0	330.9	290.7	275.1	271.8
65°	860.6	610.9	248.8	213.5	310.4	304.6	358.0	284.9	253.7	238.1	236.5
67.5°	779.3	522.3	211.0	202.0	317.8	286.6	317.8	248.0	219.2	207.8	204.5
70°	699.6	441.8	182.3	188.9	288.2	267.7	279.2	212.7	190.5	180.7	179.8
72.5°	636.4	367.1	156.0	174.9	246.3	249.6	235.7	183.1	163.4	152.7	152.7
75°	572.3	298.9	132.2	161.8	212.7	229.9	196.3	151.1	135.5	128.1	127.3
77.5°	506.7	216.0	115.0	154.4	188.0	208.6	165.1	124.0	110.9	105.1	105.9
80°	395.8	144.5	101.0	146.2	178.2	177.4	130.6	96.9	87.0	84.6	85.4
82.5°	266.9	91.1	85.4	119.9	155.2	145.3	94.4	72.3	64.0	62.4	61.6
85°	158.5	64.0	72.3	96.1	119.1	101.8	64.9	50.9	43.5	38.6	38.6
87.5°	92.8	53.4	59.9	85.4	82.9	63.2	41.9	30.4	22.2	18.1	17.2
90°	65.7	52.6	54.2	85.4	63.2	41.9	24.6	9.9	0.0	0.0	0.0
92.5°	67.3	58.3	57.5	91.1	63.2	41.1	23.8	9.9	0.0	0.0	0.0
95°	87.0	67.3	64.0	86.2	65.7	43.5	25.5	12.3	0.0	0.0	0.0
97.5°	103.5	76.4	70.6	82.1	67.3	45.2	26.3	11.5	0.0	0.0	0.0
100°	114.1	86.2	73.1	79.7	69.8	47.6	27.1	11.5	0.0	0.0	0.0
102.5°	124.0	96.1	78.0	81.3	73.1	48.4	27.9	12.3	0.0	0.0	0.0
105°	130.6	104.3	84.6	82.9	74.7	49.3	28.7	12.3	0.8	0.0	0.0
107.5°	133.0	108.4	90.3	82.1	78.8	49.3	27.9	12.3	0.8	0.0	0.0
110°	133.0	110.0	94.4	84.6	81.3	50.1	27.9	12.3	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°	128.1	108.4	94.4	86.2	77.2	51.7	27.1	11.5	0.8	0.0	0.0
115°	122.4	105.1	92.8	91.1	72.3	50.9	26.3	11.5	0.8	0.0	0.0
117.5°	114.1	100.2	90.3	92.8	69.0	48.4	25.5	10.7	0.8	0.0	0.0
120°	105.1	94.4	86.2	92.0	68.2	44.3	23.8	9.9	0.0	0.0	0.0
122.5°	96.9	87.0	81.3	87.0	66.5	41.1	22.2	8.2	0.0	0.0	0.0
125°	88.7	79.7	74.7	82.1	63.2	38.6	19.7	7.4	0.0	0.0	0.0
127.5°	81.3	73.1	68.2	78.0	57.5	36.1	17.2	5.7	0.0	0.0	0.0
130°	73.9	65.7	62.4	71.4	50.1	33.7	15.6	4.1	0.0	0.0	0.0
132.5°	67.3	59.9	56.7	65.7	45.2	32.0	13.1	3.3	0.0	0.0	0.0
135°	61.6	55.8	51.7	59.1	40.2	29.6	12.3	2.5	0.0	0.0	0.0
137.5°	56.7	52.6	50.1	53.4	34.5	27.1	10.7	1.6	0.0	0.0	0.0
140°	53.4	49.3	50.1	46.8	31.2	24.6	9.0	1.6	0.0	0.0	0.0
142.5°	50.1	46.8	49.3	41.1	27.9	21.3	7.4	0.8	0.0	0.0	0.0
145°	46.0	44.3	47.6	34.5	24.6	18.9	6.6	0.8	0.0	0.0	0.0
147.5°	42.7	41.9	45.2	28.7	21.3	16.4	4.9	0.0	0.0	0.0	0.0
150°	40.2	41.1	41.1	23.8	18.9	14.0	4.1	0.0	0.0	0.0	0.0
152.5°	37.8	38.6	36.1	19.7	15.6	11.5	2.5	0.0	0.0	0.0	0.0
155°	35.3	36.1	31.2	17.2	13.1	9.0	2.5	0.0	0.0	0.0	0.0
157.5°	33.7	33.7	27.1	14.8	9.9	6.6	1.6	0.0	0.0	0.0	0.0
160°	32.0	31.2	23.0	12.3	8.2	4.1	0.8	0.0	0.0	0.0	0.0
162.5°	28.7	25.5	18.9	10.7	6.6	3.3	0.8	0.0	0.0	0.0	0.0
165°	22.2	19.7	14.0	8.2	4.1	1.6	0.0	0.0	0.0	0.0	0.0
167.5°	15.6	14.0	9.0	5.7	3.3	1.6	0.0	0.0	0.0	0.0	0.0
170°	10.7	9.0	5.7	4.1	2.5	0.8	0.0	0.0	0.0	0.0	0.0
172.5°	6.6	5.7	4.1	3.3	1.6	0.8	0.0	0.0	0.0	0.0	0.0
175°	5.7	4.9	3.3	2.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	4.1	4.1	2.5	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0
180°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5

(END OF REPORT)