

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: P1554998

Luminaire Tested: **AXCL6ARL-W**

Issue Date: 9/1/2026

Test Information

Test Method: LM-79-08
Report Number: P1554998
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: AXCL6ARL-W
Description: Axcent Wall Mount Luminaire , Refractive Lens, 3000K LEDs
Light Source: -
Ballast/Driver: -

Summary

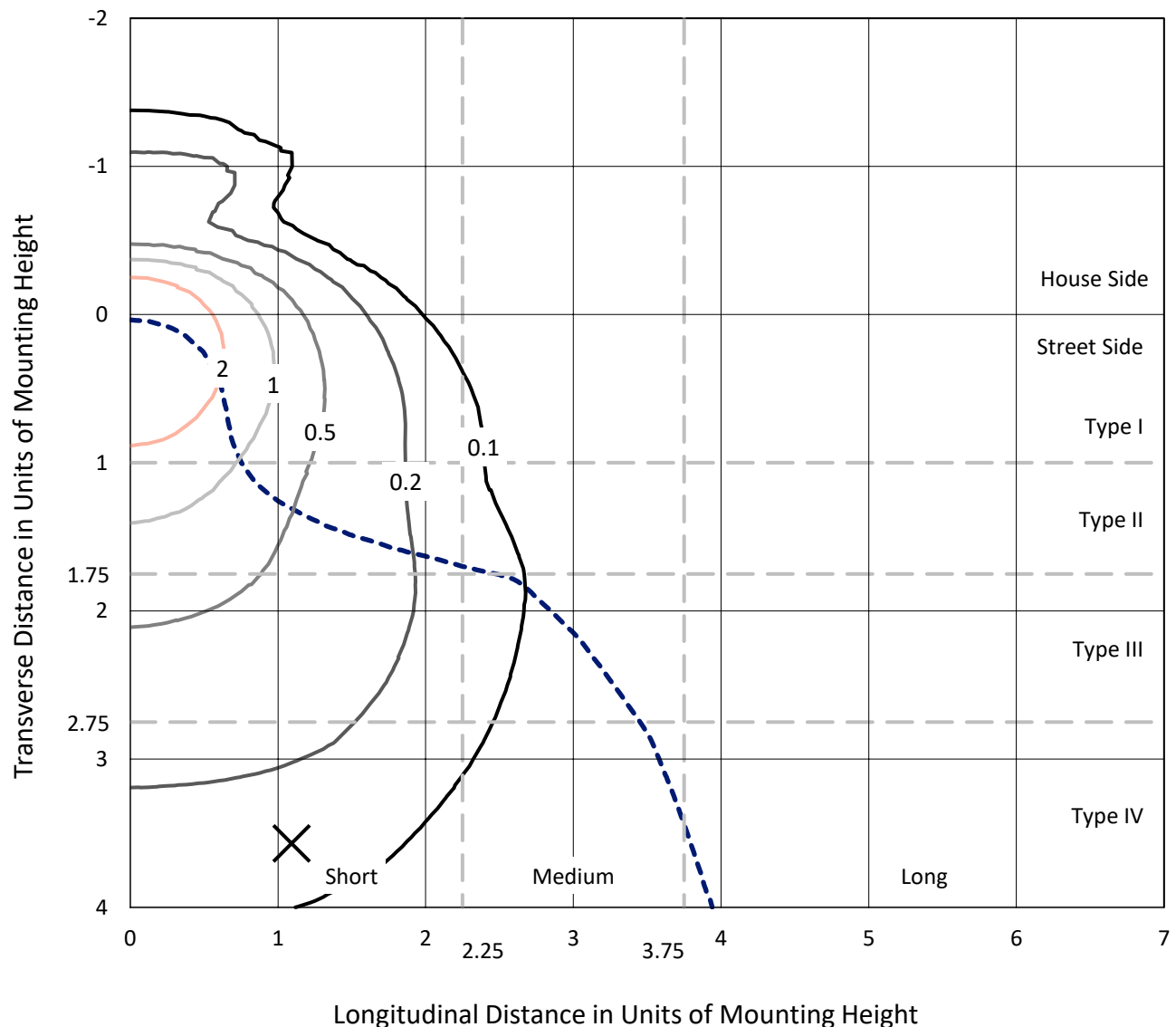
Lumens per Lamp: N/A
Luminaire Lumens: 6686 lumens
Efficiency: N/A
Efficacy: 135.3 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.75' x L: 0.29' x H: 0.38')
IES Classification: Type IV - Short
BUG Rating: B1 - U4 - G4

Input Watts (W): 49.4
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

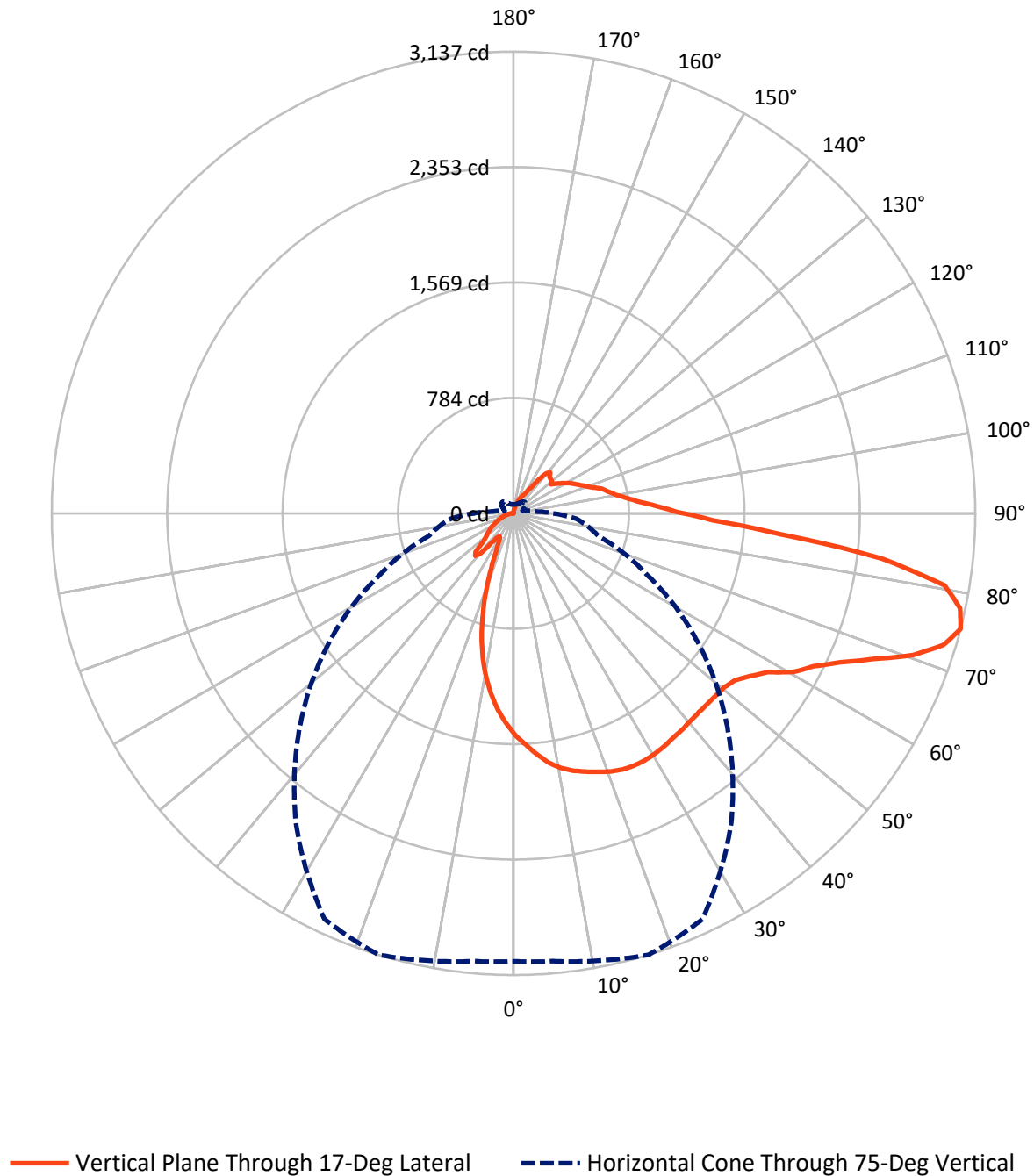
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 4.2 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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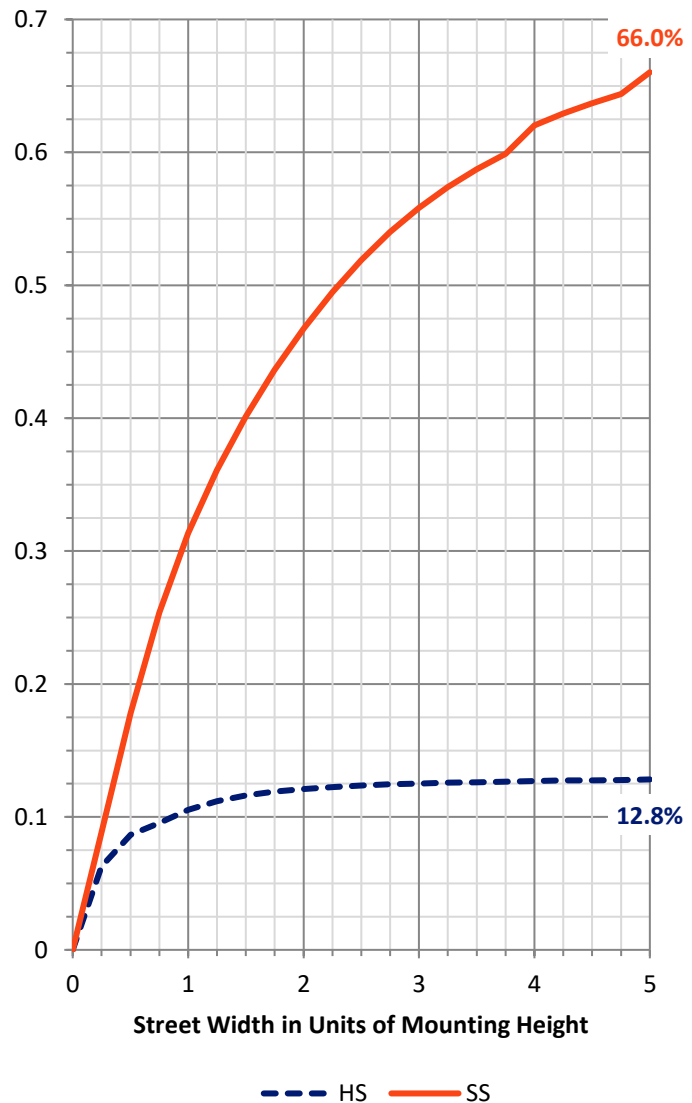
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	873.4	52.7	926.1
	% Fixture	13.1	0.8	13.9
Street Side	Lumens	4829.1	930.8	5759.9
	% Fixture	72.2	13.9	86.1
Total	Lumens	5702.5	983.5	6686.0
	% Fixture	85.3	14.7	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	141.6	2.1
10°-20°	388.7	5.8
20°-30°	542.0	8.1
30°-40°	637.1	9.5
40°-50°	710.9	10.6
50°-60°	749.4	11.2
60°-70°	876.9	13.1
70°-80°	1034.0	15.5
80°-90°	621.8	9.3
90°-100°	315.2	4.7
100°-110°	221.2	3.3
110°-120°	160.4	2.4
120°-130°	113.7	1.7
130°-140°	94.4	1.4
140°-150°	51.5	0.8
150°-160°	20.3	0.3
160°-170°	6.2	0.1
170°-180°	0.6	0.0
0°-90°	5702.5	85.3
0°-180°	6686.0	100.0

Coefficient of Utilization



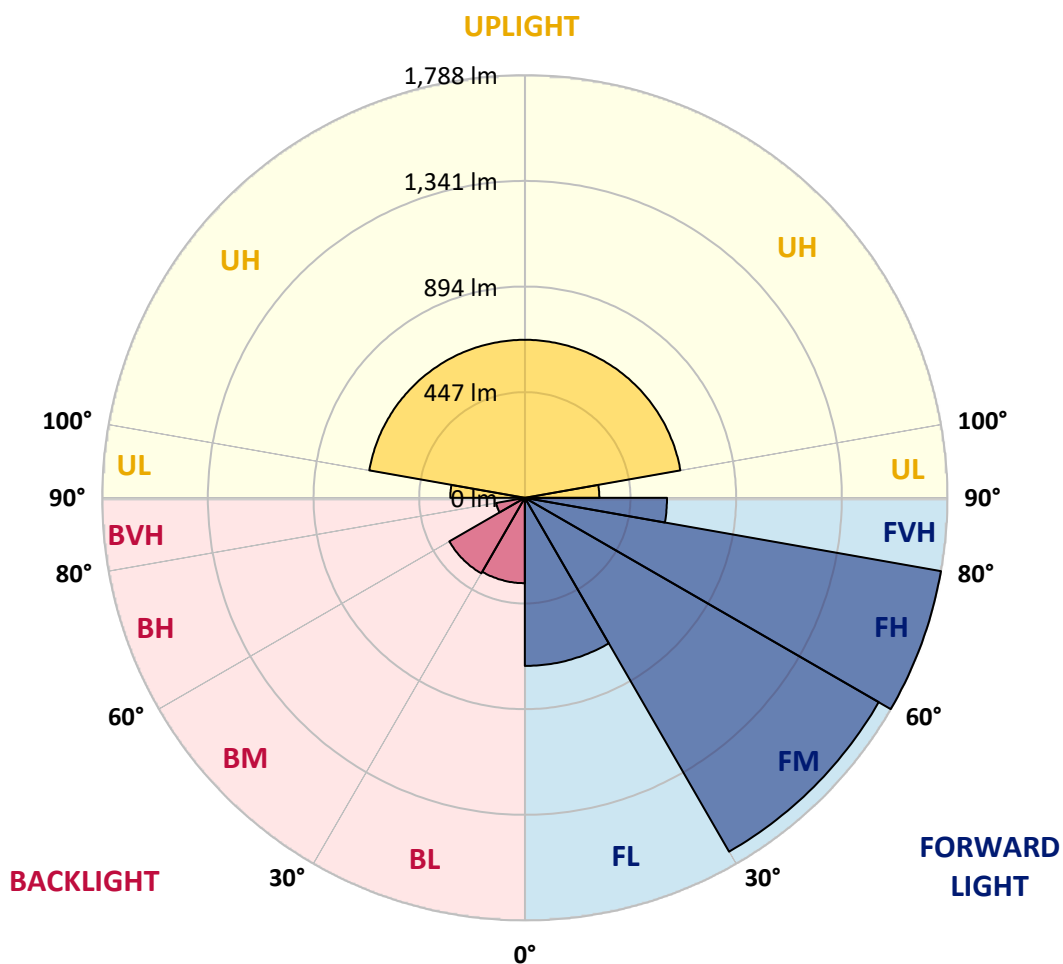
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	711.2	10.6			
FM	(30°-60°)	1728.6	25.9			
FH	(60°-80°)	1787.7	26.7			G1/1800
FVH	(80°-90°)	601.5	9.0			G4/750
BL	(0°-30°)	361.1	5.4	B1/500		
BM	(30°-60°)	368.8	5.5	B1/1000		
BH	(60°-80°)	123.2	1.8	B1/500		G1/500
BVH	(80°-90°)	20.2	0.3			G1/100
UL	(90°-100°)	315.2	4.7		U3/500	
UH	(100°-180°)	668.3	10.0		U4/1000	

BUG Rating: B1-U4-G4

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	17°	25°	35°	45°	55°	65°	75°	85°
0°	1507.8	1507.8	1507.8	1507.8	1507.8	1507.8	1507.8	1507.8	1507.8	1507.8	1507.8
2.5°	1582.6	1579.9	1576.1	1574.1	1569.5	1564.5	1557.6	1546.4	1536.4	1522.1	1512.5
5°	1650.5	1651.2	1644.7	1643.9	1631.6	1621.2	1601.5	1583.0	1564.1	1536.8	1513.6
7.5°	1722.5	1717.9	1711.4	1710.2	1695.9	1677.4	1653.2	1617.7	1583.8	1546.8	1510.2
10°	1771.9	1769.2	1761.8	1759.2	1748.7	1727.2	1692.9	1651.2	1603.4	1551.0	1501.7
12.5°	1806.6	1803.5	1795.8	1794.2	1781.9	1759.5	1724.8	1677.1	1618.5	1549.5	1487.0
15°	1835.9	1832.4	1823.5	1821.6	1804.2	1781.1	1743.7	1693.2	1626.9	1544.8	1468.5
17.5°	1865.9	1862.1	1850.9	1847.0	1827.8	1796.5	1751.8	1699.0	1629.3	1535.2	1446.2
20°	1892.9	1888.7	1876.3	1872.9	1847.8	1809.6	1754.9	1697.1	1624.6	1521.3	1417.3
22.5°	1910.6	1906.8	1893.3	1891.0	1864.0	1818.9	1756.1	1687.8	1612.7	1502.1	1383.3
25°	1919.1	1915.3	1902.9	1899.5	1870.5	1822.7	1753.4	1675.1	1593.4	1476.2	1345.6
27.5°	1921.4	1918.0	1904.1	1900.2	1869.4	1818.5	1746.0	1658.9	1566.0	1445.0	1302.8
30°	1917.6	1914.1	1899.8	1895.2	1861.3	1807.3	1730.6	1635.8	1532.9	1410.3	1257.7
32.5°	1912.2	1907.9	1889.8	1884.4	1846.6	1790.0	1707.1	1606.9	1495.5	1371.0	1203.7
35°	1903.7	1898.7	1876.7	1870.5	1829.3	1764.9	1678.6	1574.5	1458.5	1326.3	1154.0
37.5°	1905.6	1899.5	1872.1	1863.2	1812.3	1735.6	1647.4	1539.4	1417.7	1282.4	1100.4
40°	1900.2	1893.3	1860.9	1852.4	1800.0	1709.0	1605.0	1499.4	1379.5	1237.3	1051.1
42.5°	1904.5	1897.5	1859.0	1846.6	1780.0	1677.1	1566.0	1460.8	1332.1	1190.2	990.2
45°	1914.1	1905.6	1860.9	1846.3	1765.7	1643.1	1530.2	1418.0	1290.8	1134.7	935.1
47.5°	1912.6	1906.4	1862.1	1849.3	1759.9	1616.9	1491.3	1379.9	1238.8	1081.9	877.3
50°	1938.4	1926.4	1871.3	1856.7	1757.6	1600.3	1457.7	1339.8	1186.4	1016.0	818.3
52.5°	1979.6	1966.5	1902.5	1883.3	1775.0	1591.5	1426.1	1298.2	1141.7	959.7	763.6
55°	2064.0	2044.4	1973.5	1951.9	1822.7	1603.8	1395.7	1259.6	1094.7	909.6	700.3
57.5°	2164.2	2161.2	2061.7	2035.9	1895.2	1636.6	1395.3	1212.2	1056.1	857.2	652.2
60°	2305.7	2295.7	2213.6	2188.1	2022.4	1706.3	1425.7	1179.8	1020.6	814.8	607.1
62.5°	2411.3	2392.0	2306.5	2287.6	2168.1	1830.1	1476.2	1177.5	981.3	779.7	561.6
65°	2566.3	2542.8	2463.7	2441.0	2288.7	1980.4	1586.9	1201.4	932.8	753.2	528.1
67.5°	2730.8	2718.5	2659.9	2639.5	2537.7	2202.4	1741.4	1275.8	896.9	734.6	491.8
70°	2903.5	2896.6	2879.2	2882.7	2827.2	2474.9	1972.3	1418.0	911.6	722.3	463.3
72.5°	2989.1	2982.5	3037.7	3055.0	3037.3	2636.0	2126.5	1610.0	966.7	671.8	444.4
75°	3044.2	3055.0	3123.6	3137.1	3041.5	2577.1	2054.0	1528.7	1010.6	596.3	429.8
77.5°	3081.2	3087.8	3117.4	3101.3	2886.6	2340.4	1856.7	1377.2	932.4	541.9	410.1
80°	3051.5	3052.7	3021.5	2969.4	2620.6	2058.6	1529.8	1108.5	794.4	462.5	350.8
82.5°	2864.2	2836.1	2629.5	2520.8	2108.4	1534.4	1023.0	776.7	646.4	414.7	240.1
85°	2322.3	2296.1	1901.8	1818.1	1498.2	1102.7	836.4	683.0	573.5	403.9	153.4
87.5°	1635.4	1612.3	1410.7	1349.0	1181.8	921.2	750.1	624.4	516.9	376.2	93.7
90°	1295.5	1268.9	1139.0	1109.7	998.7	823.7	677.6	563.9	461.8	319.5	77.1
92.5°	1076.5	1060.3	978.2	965.9	885.4	747.4	623.3	514.9	407.8	252.1	69.0
95°	913.1	910.0	849.5	844.9	799.8	691.1	579.3	483.3	354.2	191.6	65.9
97.5°	804.0	794.4	760.5	766.3	738.1	636.4	534.2	452.1	301.4	156.1	69.8
100°	722.3	717.7	693.0	701.9	679.1	596.3	502.2	411.3	263.6	133.7	74.4
102.5°	667.2	663.0	646.8	657.9	637.9	556.6	471.8	373.1	237.8	131.0	78.2
105°	621.7	619.0	611.7	622.9	603.6	516.9	434.4	342.7	215.1	132.6	81.3
107.5°	577.4	572.8	561.2	568.5	543.5	475.6	395.5	314.1	207.8	135.3	82.9
110°	518.4	518.4	518.0	525.0	505.7	442.5	365.0	281.8	206.6	136.4	82.9



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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	17°	25°	35°	45°	55°	65°	75°	85°
112.5°	491.1	488.7	488.0	492.6	467.9	406.6	344.6	260.2	192.3	135.3	80.6
115°	463.3	460.6	461.8	462.1	437.9	377.0	316.8	248.6	181.2	130.7	76.3
117.5°	439.0	437.5	437.5	437.1	405.5	354.2	285.2	236.3	172.3	122.2	70.9
120°	409.3	407.4	405.1	405.1	378.5	322.2	269.0	211.6	161.5	116.4	65.9
122.5°	380.4	378.5	373.5	373.5	345.0	291.0	259.4	203.5	158.4	109.9	61.3
125°	353.4	351.9	347.7	345.4	314.5	295.2	239.4	197.0	153.0	106.4	56.7
127.5°	332.6	329.9	322.6	320.7	321.1	290.2	237.4	190.0	154.6	101.4	52.4
130°	348.1	342.3	341.9	341.1	326.1	279.4	245.9	201.2	154.2	98.3	48.2
132.5°	357.3	355.4	346.5	343.8	320.3	297.6	241.3	202.4	153.0	94.0	43.9
135°	359.2	357.3	348.4	348.1	339.6	297.9	261.7	209.7	149.6	88.7	39.7
137.5°	377.7	377.3	374.3	372.7	344.2	303.0	260.2	204.7	141.1	80.6	36.2
140°	370.8	369.3	356.5	353.4	332.2	302.6	250.5	188.9	122.6	69.8	33.1
142.5°	298.7	300.3	294.5	296.4	276.4	233.6	202.0	149.9	103.3	61.3	30.4
145°	232.4	232.4	221.2	216.2	202.7	189.3	161.9	122.6	89.0	55.5	27.8
147.5°	176.9	176.5	180.0	181.2	168.8	150.3	126.8	104.8	76.3	50.5	24.3
150°	156.5	154.6	146.5	146.1	143.4	126.8	112.9	96.0	69.0	45.5	22.0
152.5°	138.0	138.8	134.9	133.0	123.3	115.6	103.7	83.6	63.2	40.1	19.3
155°	117.2	117.6	116.0	116.4	113.7	104.1	88.7	72.1	55.9	35.5	17.7
157.5°	106.0	105.6	102.5	102.5	101.8	88.3	74.4	64.0	47.4	30.8	17.0
160°	93.3	92.9	89.4	87.1	81.7	71.3	63.6	51.3	40.5	26.6	16.2
162.5°	72.5	71.7	69.0	67.8	64.8	60.5	51.6	42.4	32.4	22.0	13.9
165°	59.7	59.7	58.2	58.6	54.7	47.0	41.2	33.5	25.4	16.6	11.2
167.5°	45.9	45.1	44.3	43.6	41.2	37.4	31.6	25.8	18.1	11.6	8.1
170°	35.1	35.1	33.9	33.5	31.2	28.1	23.1	16.6	11.9	6.6	5.4
172.5°	24.7	25.1	23.9	23.5	22.0	17.3	13.5	9.6	6.6	4.6	3.5
175°	12.3	11.6	8.9	8.9	7.7	6.9	5.4	4.2	3.5	3.1	2.7
177.5°	1.9	1.5	1.9	1.9	2.3	2.7	2.7	3.1	2.7	2.7	2.3
180°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2



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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1507.8	1507.8	1507.8	1507.8	1507.8	1507.8	1507.8	1507.8	1507.8	1507.8	1507.8
2.5°	1505.9	1499.0	1485.5	1473.9	1463.1	1452.0	1444.2	1435.4	1425.0	1422.7	1425.0
5°	1500.5	1486.6	1460.4	1434.2	1406.9	1387.6	1365.2	1350.2	1337.5	1331.7	1329.8
7.5°	1490.1	1470.5	1428.8	1389.1	1348.7	1312.4	1279.3	1256.9	1234.6	1227.6	1230.3
10°	1475.9	1447.3	1391.8	1337.9	1280.4	1229.9	1187.2	1146.7	1122.8	1106.6	1105.1
12.5°	1453.9	1419.6	1348.3	1278.1	1206.0	1139.7	1080.0	1036.1	996.4	982.5	972.5
15°	1428.4	1386.4	1301.6	1210.3	1121.6	1044.5	965.5	906.2	853.0	834.5	822.1
17.5°	1398.0	1349.4	1247.3	1141.3	1033.0	930.8	840.6	752.0	700.3	664.5	669.5
20°	1364.1	1308.6	1191.8	1065.7	936.6	810.2	700.0	609.8	545.4	511.5	504.5
22.5°	1323.6	1261.9	1126.6	984.4	837.2	687.6	560.4	462.1	393.1	365.4	358.1
25°	1282.0	1209.9	1060.0	898.8	726.6	563.5	430.2	334.6	283.7	259.4	257.1
27.5°	1230.3	1157.1	989.4	812.1	615.5	446.7	321.5	247.1	208.1	199.3	196.2
30°	1177.1	1096.2	917.3	716.9	514.2	351.1	242.1	193.9	184.2	185.8	185.4
32.5°	1119.7	1033.0	837.6	624.8	413.2	267.5	190.4	182.7	187.3	195.8	197.3
35°	1063.8	972.5	766.6	531.9	331.9	209.3	173.1	187.7	206.2	221.2	226.3
37.5°	1007.9	906.9	687.6	450.6	266.7	175.4	175.0	205.4	266.3	330.3	343.4
40°	947.0	847.6	612.5	375.8	216.6	161.1	187.7	262.9	377.0	411.7	412.4
42.5°	890.4	779.4	542.3	314.9	181.2	162.3	205.4	359.6	395.5	397.0	394.7
45°	828.7	721.9	474.1	258.6	156.9	168.1	268.3	372.3	366.9	321.5	312.2
47.5°	772.4	659.1	412.8	215.8	145.3	176.1	333.0	348.1	260.2	247.8	247.1
50°	707.7	600.5	355.8	181.2	142.6	191.9	323.0	257.9	244.0	227.8	225.5
52.5°	655.2	540.8	301.4	156.9	142.2	230.1	291.4	241.3	218.2	207.4	207.0
55°	597.0	488.4	249.8	138.0	141.5	266.0	217.4	223.6	198.1	193.9	191.2
57.5°	538.1	427.8	207.0	124.1	140.3	246.3	203.9	197.7	181.2	168.1	167.3
60°	497.6	376.6	167.3	113.7	140.7	215.8	197.7	176.1	156.5	147.6	145.7
62.5°	446.0	332.6	137.2	106.8	141.5	170.4	185.4	155.3	136.4	129.1	127.6
65°	403.9	286.8	116.8	100.2	145.7	143.0	168.1	133.7	119.1	111.8	111.0
67.5°	365.8	245.1	99.1	94.8	149.2	134.5	149.2	116.4	102.9	97.5	96.0
70°	328.4	207.4	85.6	88.7	135.3	125.7	131.0	99.8	89.4	84.8	84.4
72.5°	298.7	172.3	73.2	82.1	115.6	117.2	110.6	86.0	76.7	71.7	71.7
75°	268.7	140.3	62.1	75.9	99.8	107.9	92.1	70.9	63.6	60.1	59.7
77.5°	237.8	101.4	54.0	72.5	88.3	97.9	77.5	58.2	52.0	49.3	49.7
80°	185.8	67.8	47.4	68.6	83.6	83.3	61.3	45.5	40.9	39.7	40.1
82.5°	125.3	42.8	40.1	56.3	72.8	68.2	44.3	33.9	30.1	29.3	28.9
85°	74.4	30.1	33.9	45.1	55.9	47.8	30.4	23.9	20.4	18.1	18.1
87.5°	43.6	25.1	28.1	40.1	38.9	29.7	19.7	14.3	10.4	8.5	8.1
90°	30.8	24.7	25.4	40.1	29.7	19.7	11.6	4.6	0.0	0.0	0.0
92.5°	31.6	27.4	27.0	42.8	29.7	19.3	11.2	4.6	0.0	0.0	0.0
95°	40.9	31.6	30.1	40.5	30.8	20.4	11.9	5.8	0.0	0.0	0.0
97.5°	48.6	35.8	33.1	38.5	31.6	21.2	12.3	5.4	0.0	0.0	0.0
100°	53.6	40.5	34.3	37.4	32.8	22.4	12.7	5.4	0.0	0.0	0.0
102.5°	58.2	45.1	36.6	38.2	34.3	22.7	13.1	5.8	0.0	0.0	0.0
105°	61.3	49.0	39.7	38.9	35.1	23.1	13.5	5.8	0.4	0.0	0.0
107.5°	62.4	50.9	42.4	38.5	37.0	23.1	13.1	5.8	0.4	0.0	0.0
110°	62.4	51.6	44.3	39.7	38.2	23.5	13.1	5.8	0.4	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	60.1	50.9	44.3	40.5	36.2	24.3	12.7	5.4	0.4	0.0	0.0
115°	57.4	49.3	43.6	42.8	33.9	23.9	12.3	5.4	0.4	0.0	0.0
117.5°	53.6	47.0	42.4	43.6	32.4	22.7	11.9	5.0	0.4	0.0	0.0
120°	49.3	44.3	40.5	43.2	32.0	20.8	11.2	4.6	0.0	0.0	0.0
122.5°	45.5	40.9	38.2	40.9	31.2	19.3	10.4	3.9	0.0	0.0	0.0
125°	41.6	37.4	35.1	38.5	29.7	18.1	9.3	3.5	0.0	0.0	0.0
127.5°	38.2	34.3	32.0	36.6	27.0	17.0	8.1	2.7	0.0	0.0	0.0
130°	34.7	30.8	29.3	33.5	23.5	15.8	7.3	1.9	0.0	0.0	0.0
132.5°	31.6	28.1	26.6	30.8	21.2	15.0	6.2	1.5	0.0	0.0	0.0
135°	28.9	26.2	24.3	27.8	18.9	13.9	5.8	1.2	0.0	0.0	0.0
137.5°	26.6	24.7	23.5	25.1	16.2	12.7	5.0	0.8	0.0	0.0	0.0
140°	25.1	23.1	23.5	22.0	14.6	11.6	4.2	0.8	0.0	0.0	0.0
142.5°	23.5	22.0	23.1	19.3	13.1	10.0	3.5	0.4	0.0	0.0	0.0
145°	21.6	20.8	22.4	16.2	11.6	8.9	3.1	0.4	0.0	0.0	0.0
147.5°	20.0	19.7	21.2	13.5	10.0	7.7	2.3	0.0	0.0	0.0	0.0
150°	18.9	19.3	19.3	11.2	8.9	6.6	1.9	0.0	0.0	0.0	0.0
152.5°	17.7	18.1	17.0	9.3	7.3	5.4	1.2	0.0	0.0	0.0	0.0
155°	16.6	17.0	14.6	8.1	6.2	4.2	1.2	0.0	0.0	0.0	0.0
157.5°	15.8	15.8	12.7	6.9	4.6	3.1	0.8	0.0	0.0	0.0	0.0
160°	15.0	14.6	10.8	5.8	3.9	1.9	0.4	0.0	0.0	0.0	0.0
162.5°	13.5	11.9	8.9	5.0	3.1	1.5	0.4	0.0	0.0	0.0	0.0
165°	10.4	9.3	6.6	3.9	1.9	0.8	0.0	0.0	0.0	0.0	0.0
167.5°	7.3	6.6	4.2	2.7	1.5	0.8	0.0	0.0	0.0	0.0	0.0
170°	5.0	4.2	2.7	1.9	1.2	0.4	0.0	0.0	0.0	0.0	0.0
172.5°	3.1	2.7	1.9	1.5	0.8	0.4	0.0	0.0	0.0	0.0	0.0
175°	2.7	2.3	1.5	1.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	1.9	1.9	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
180°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2

(END OF REPORT)