

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: McGRAW-EDISON

Report Number: P947948

Luminaire Tested: **GALN-SB3A-927-U-SLL**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P947948  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GALN-SB3A-927-U-SLL  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(3) 90 CRI, 2700K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

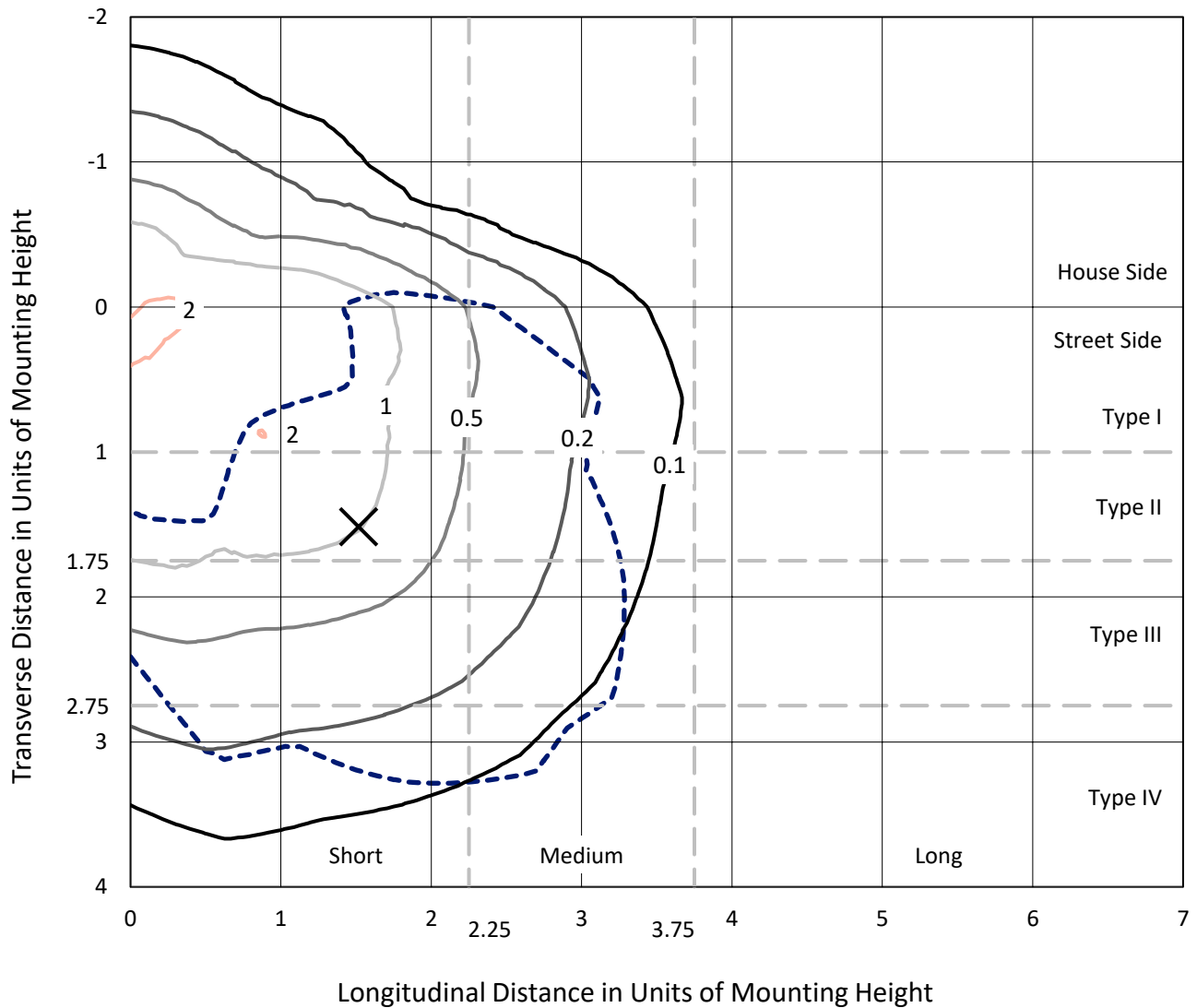
Lumens per Lamp: N/A  
Luminaire Lumens: 8163 lumens  
Efficiency: N/A  
Efficacy: 96.4 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G3  
  
Input Watts (W): 84.7  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage 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: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

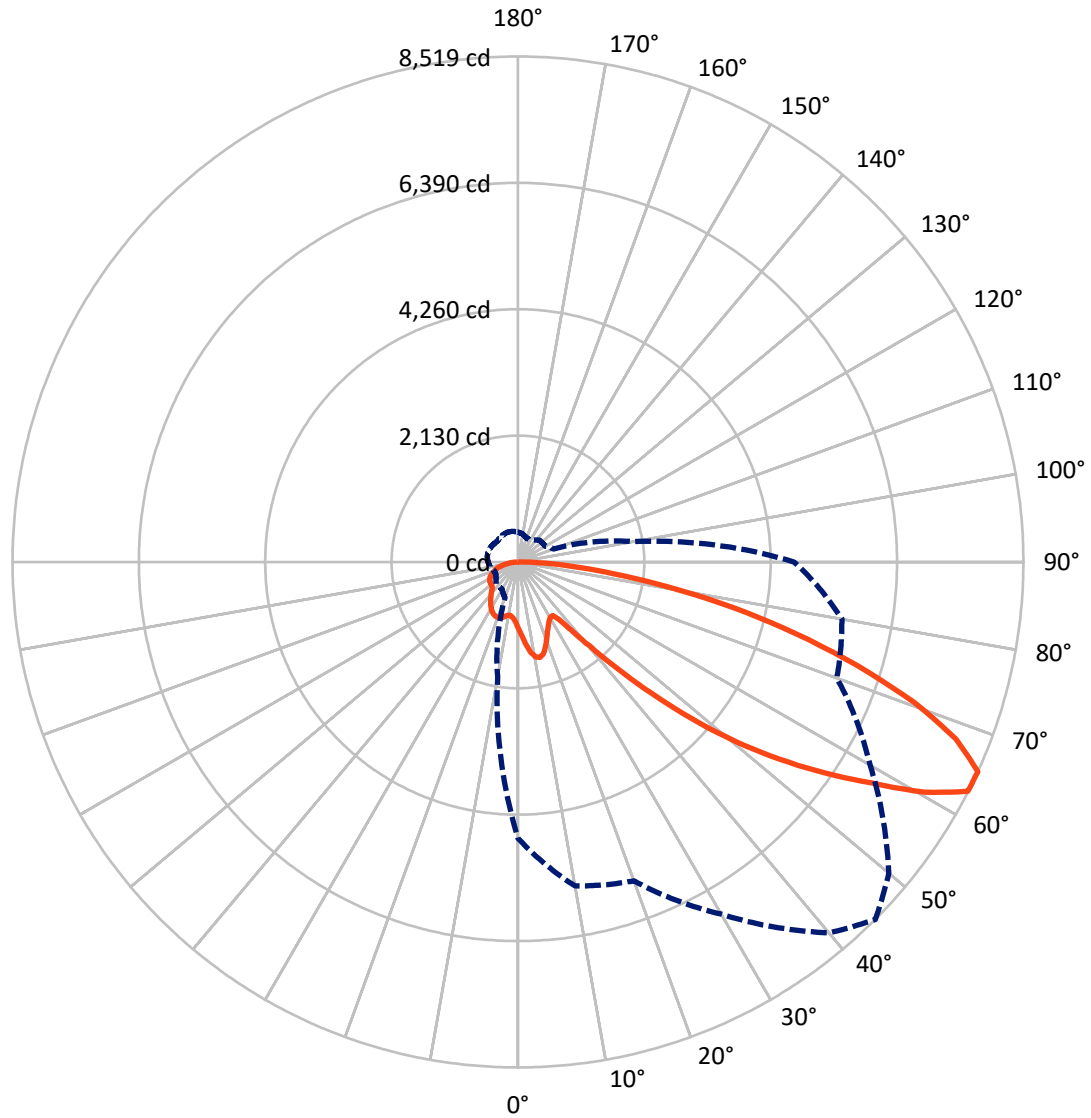
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.5 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2074.6	0.0	2074.6
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	6088.4	0.0	6088.4
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	8163.0	0.0	8163.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	111.3	1.4
10°-20°	349.5	4.3
20°-30°	539.9	6.6
30°-40°	684.2	8.4
40°-50°	1032.0	12.6
50°-60°	1667.3	20.4
60°-70°	2078.6	25.5
70°-80°	1363.0	16.7
80°-90°	337.0	4.1
90°-100°	0.0	0.0
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°	8163.0	100.0
0°-180°	8163.0	100.0

**Coefficient of Utilization**



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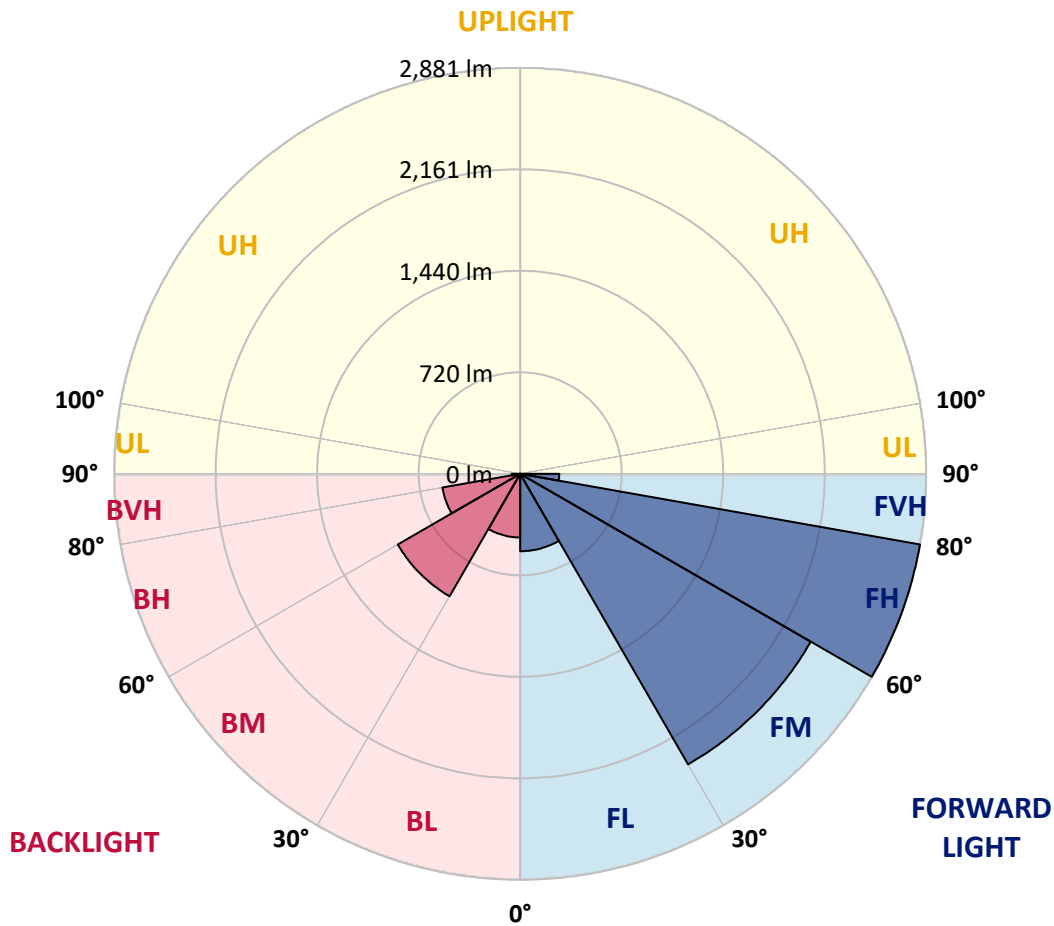
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	549.1	6.7			
FM (30°-60°)	2381.0	29.2			
FH (60°-80°)	2880.8	35.3			G2/5000
FVH (80°-90°)	277.6	3.4			G3/500
BL (0°-30°)	451.8	5.5	B1/500		
BM (30°-60°)	1002.6	12.3	B2/2500		
BH (60°-80°)	560.9	6.9	B2/1000		G2/1000
BVH (80°-90°)	59.4	0.7			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G3**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5
2.5°	1207.1	1211.7	1216.3	1222.8	1229.3	1233.2	1237.1	1239.0	1240.9	1240.1
5°	1298.0	1314.0	1330.0	1345.9	1361.8	1370.4	1379.0	1384.2	1389.4	1393.4
7.5°	1389.3	1415.3	1441.3	1464.7	1488.1	1502.2	1516.3	1523.9	1531.5	1535.1
10°	1459.3	1490.1	1520.8	1548.3	1575.7	1592.3	1608.9	1616.3	1623.6	1626.4
12.5°	1502.2	1535.5	1568.8	1593.6	1618.3	1630.4	1642.5	1646.5	1650.6	1651.0
15°	1528.2	1557.0	1585.7	1601.3	1616.9	1617.3	1617.7	1613.4	1609.1	1604.0
17.5°	1542.9	1562.3	1581.7	1582.0	1582.3	1564.8	1547.4	1531.4	1515.4	1504.1
20°	1559.0	1565.8	1572.6	1552.1	1531.7	1493.2	1454.7	1426.6	1398.6	1381.4
22.5°	1577.8	1568.9	1560.0	1517.6	1475.3	1418.6	1362.0	1326.9	1291.8	1272.8
25°	1601.9	1573.9	1545.9	1481.5	1417.2	1348.4	1279.6	1242.7	1206.0	1188.0
27.5°	1634.6	1584.6	1534.5	1449.2	1364.0	1287.8	1211.6	1175.3	1139.1	1122.1
30°	1678.8	1604.1	1529.5	1424.6	1319.7	1240.2	1160.8	1127.2	1093.5	1077.7
32.5°	1730.9	1628.7	1526.5	1407.8	1289.1	1214.4	1139.8	1113.4	1086.9	1075.5
35°	1794.2	1669.1	1544.1	1420.4	1296.7	1244.9	1193.0	1186.9	1180.7	1179.8
37.5°	1900.8	1753.7	1606.5	1494.1	1381.7	1378.3	1375.0	1403.1	1431.3	1446.0
40°	2061.9	1901.9	1741.9	1658.3	1574.7	1633.7	1692.7	1761.2	1829.7	1863.8
42.5°	2275.5	2116.8	1958.0	1909.9	1861.7	1990.4	2119.1	2243.7	2368.2	2441.4
45°	2539.4	2396.8	2254.1	2232.9	2211.6	2417.8	2624.0	2828.7	3033.4	3157.7
47.5°	2869.3	2730.6	2591.8	2587.5	2583.2	2880.6	3178.0	3477.7	3777.3	3953.2
50°	3301.8	3130.4	2959.0	2959.8	2960.5	3343.8	3727.2	4122.7	4518.3	4757.4
52.5°	3798.2	3590.7	3383.2	3362.2	3341.2	3799.1	4257.0	4746.4	5235.7	5522.4
55°	4326.7	4121.7	3916.6	3834.8	3753.0	4262.7	4772.3	5355.7	5939.1	6280.0
57.5°	4807.4	4695.7	4584.0	4420.0	4256.0	4770.6	5285.1	5946.0	6606.8	7029.5
60°	5097.9	5271.3	5444.8	5241.0	5037.3	5524.3	6011.3	6718.8	7426.3	7883.2
62.5°	4950.4	5424.2	5898.1	5875.1	5852.1	6298.2	6744.4	7417.5	8090.6	8513.0
65°	4655.1	5099.8	5544.6	5632.6	5720.5	6287.5	6854.4	7507.2	8159.8	8519.4
67.5°	4259.5	4682.5	5105.4	5146.7	5187.9	5778.6	6369.3	7024.8	7680.3	7962.0
70°	3784.2	4244.2	4704.3	4722.8	4741.3	5269.5	5797.7	6361.8	6925.9	7082.5
72.5°	3217.8	3745.7	4273.7	4287.0	4300.2	4713.5	5126.8	5549.3	5971.7	5987.6
75°	2501.3	3047.7	3594.1	3643.2	3692.2	4013.8	4335.3	4632.7	4930.1	4850.5
77.5°	1787.1	2297.2	2807.3	2877.5	2947.7	3192.1	3436.6	3647.5	3858.5	3721.5
80°	1169.6	1598.8	2027.9	2115.1	2202.4	2387.0	2571.5	2682.3	2793.1	2572.8
82.5°	679.9	973.3	1266.7	1364.2	1461.7	1588.7	1715.8	1762.0	1808.2	1635.1
85°	299.1	454.9	610.6	693.5	776.4	880.8	985.2	1011.4	1037.6	898.9
87.5°	92.6	144.9	197.3	243.5	289.8	342.0	394.2	396.4	398.6	334.7
90°	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):**

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
1122.5	0°	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5
1240.9	2.5°	1239.0	1237.1	1233.2	1229.3	1222.8	1216.3	1211.7	1207.1	1197.9	1188.6
1389.4	5°	1384.2	1379.0	1370.4	1361.8	1345.9	1330.0	1314.0	1298.0	1277.5	1257.1
1531.5	7.5°	1523.9	1516.3	1502.2	1488.1	1464.7	1441.3	1415.3	1389.3	1355.6	1321.8
1623.6	10°	1616.3	1608.9	1592.3	1575.7	1548.3	1520.8	1490.1	1459.3	1416.6	1373.9
1650.6	12.5°	1646.5	1642.5	1630.4	1618.3	1593.6	1568.8	1535.5	1502.2	1455.3	1408.4
1609.1	15°	1613.4	1617.7	1617.3	1616.9	1601.3	1585.7	1557.0	1528.2	1479.3	1430.5
1515.4	17.5°	1531.4	1547.4	1564.8	1582.3	1582.0	1581.7	1562.3	1542.9	1493.3	1443.7
1398.6	20°	1426.6	1454.7	1493.2	1531.7	1552.1	1572.6	1565.8	1559.0	1507.5	1456.0
1291.8	22.5°	1326.9	1362.0	1418.6	1475.3	1517.6	1560.0	1568.9	1577.8	1525.1	1472.5
1206.0	25°	1242.7	1279.6	1348.4	1417.2	1481.5	1545.9	1573.9	1601.9	1550.3	1498.7
1139.1	27.5°	1175.3	1211.6	1287.8	1364.0	1449.2	1534.5	1584.6	1634.6	1585.4	1536.2
1093.5	30°	1127.2	1160.8	1240.2	1319.7	1424.6	1529.5	1604.1	1678.8	1631.2	1583.7
1086.9	32.5°	1113.4	1139.8	1214.4	1289.1	1407.8	1526.5	1628.7	1730.9	1683.8	1636.8
1180.7	35°	1186.9	1193.0	1244.9	1296.7	1420.4	1544.1	1669.1	1794.2	1749.2	1704.1
1431.3	37.5°	1403.1	1375.0	1378.3	1381.7	1494.1	1606.5	1753.7	1900.8	1843.4	1785.9
1829.7	40°	1761.2	1692.7	1633.7	1574.7	1658.3	1741.9	1901.9	2061.9	1978.2	1894.4
2368.2	42.5°	2243.7	2119.1	1990.4	1861.7	1909.9	1958.0	2116.8	2275.5	2154.7	2033.8
3033.4	45°	2828.7	2624.0	2417.8	2211.6	2232.9	2254.1	2396.8	2539.4	2376.3	2213.3
3777.3	47.5°	3477.7	3178.0	2880.6	2583.2	2587.5	2591.8	2730.6	2869.3	2639.9	2410.4
4518.3	50°	4122.7	3727.2	3343.8	2960.5	2959.8	2959.0	3130.4	3301.8	2955.8	2609.9
5235.7	52.5°	4746.4	4257.0	3799.1	3341.2	3362.2	3383.2	3590.7	3798.2	3287.8	2777.3
5939.1	55°	5355.7	4772.3	4262.7	3753.0	3834.8	3916.6	4121.7	4326.7	3582.0	2837.4
6606.8	57.5°	5946.0	5285.1	4770.6	4256.0	4420.0	4584.0	4695.7	4807.4	3790.6	2773.8
7426.3	60°	6718.8	6011.3	5524.3	5037.3	5241.0	5444.8	5271.3	5097.9	3842.7	2587.5
8090.6	62.5°	7417.5	6744.4	6298.2	5852.1	5875.1	5898.1	5424.2	4950.4	3623.3	2296.1
8159.8	65°	7507.2	6854.4	6287.5	5720.5	5632.6	5544.6	5099.8	4655.1	3312.7	1970.4
7680.3	67.5°	7024.8	6369.3	5778.6	5187.9	5146.7	5105.4	4682.5	4259.5	2943.2	1627.0
6925.9	70°	6361.8	5797.7	5269.5	4741.3	4722.8	4704.3	4244.2	3784.2	2540.0	1295.9
5971.7	72.5°	5549.3	5126.8	4713.5	4300.2	4287.0	4273.7	3745.7	3217.8	2102.9	988.1
4930.1	75°	4632.7	4335.3	4013.8	3692.2	3643.2	3594.1	3047.7	2501.3	1601.8	702.4
3858.5	77.5°	3647.5	3436.6	3192.1	2947.7	2877.5	2807.3	2297.2	1787.1	1121.1	455.2
2793.1	80°	2682.3	2571.5	2387.0	2202.4	2115.1	2027.9	1598.8	1169.6	722.3	275.0
1808.2	82.5°	1762.0	1715.8	1588.7	1461.7	1364.2	1266.7	973.3	679.9	418.1	156.3
1037.6	85°	1011.4	985.2	880.8	776.4	693.5	610.6	454.9	299.1	188.1	77.0
398.6	87.5°	396.4	394.2	342.0	289.8	243.5	197.3	144.9	92.6	61.6	30.6
0.0	90°	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):**

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
1122.5	0°	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5
1178.7	2.5°	1168.9	1159.0	1149.1	1139.6	1130.1	1121.0	1110.8	1102.5	1094.3	1086.8
1236.7	5°	1216.3	1195.8	1175.2	1156.1	1136.9	1118.8	1100.9	1085.4	1069.7	1056.6
1290.6	7.5°	1259.5	1229.1	1198.7	1172.0	1145.2	1120.5	1097.4	1076.7	1055.9	1038.7
1332.7	10°	1291.5	1254.7	1217.8	1186.1	1154.4	1124.0	1099.1	1077.3	1055.4	1038.1
1361.7	12.5°	1315.0	1271.5	1228.0	1192.2	1156.4	1124.4	1101.3	1083.4	1065.5	1054.1
1379.8	15°	1329.1	1279.1	1229.0	1187.5	1146.1	1110.6	1092.1	1083.5	1075.0	1076.6
1388.5	17.5°	1333.2	1275.0	1216.9	1167.1	1117.2	1075.5	1064.1	1067.3	1070.4	1089.1
1395.2	20°	1334.5	1264.0	1193.6	1131.8	1070.0	1021.5	1018.5	1033.1	1047.8	1080.4
1404.4	22.5°	1336.2	1250.5	1164.8	1090.4	1016.0	960.7	966.6	988.3	1010.0	1047.2
1420.9	25°	1343.0	1237.1	1131.3	1044.2	957.1	900.4	916.4	941.4	966.3	999.8
1446.7	27.5°	1357.2	1228.2	1099.2	1001.9	904.6	853.1	872.4	896.6	920.7	948.2
1480.2	30°	1376.7	1224.0	1071.3	966.6	861.9	818.6	833.8	852.9	872.1	895.0
1515.1	32.5°	1393.5	1218.9	1044.2	936.1	828.1	793.2	800.0	811.3	822.6	840.8
1554.9	35°	1405.8	1209.1	1012.6	906.2	799.9	770.8	768.0	771.1	774.2	788.2
1599.5	37.5°	1413.1	1192.5	971.8	871.0	770.1	744.7	734.5	731.0	727.6	737.6
1656.1	40°	1417.7	1169.5	921.3	828.9	736.5	713.5	697.8	690.0	682.2	689.4
1730.2	42.5°	1426.5	1145.8	865.3	782.6	699.9	678.6	658.8	648.5	638.1	644.0
1827.6	45°	1441.9	1123.8	805.8	733.3	660.7	639.2	620.0	610.0	599.9	604.8
1931.4	47.5°	1452.4	1105.6	758.9	694.3	629.7	601.9	585.4	577.0	568.6	573.2
2027.7	50°	1445.5	1085.8	726.1	668.4	610.7	574.2	555.0	547.5	540.0	547.3
2090.2	52.5°	1403.1	1052.4	701.7	651.4	601.1	559.1	532.3	524.9	517.5	528.4
2076.5	55°	1315.4	996.9	678.3	639.0	599.7	560.6	520.2	508.5	496.8	512.3
1979.5	57.5°	1185.2	918.7	652.1	624.3	596.6	562.1	513.0	495.9	478.9	495.5
1798.9	60°	1010.4	817.1	623.8	601.9	580.1	557.4	506.2	484.1	462.0	476.6
1554.8	62.5°	813.6	695.5	577.5	563.0	548.5	545.7	498.3	470.6	443.0	452.3
1305.8	65°	641.3	586.2	531.1	524.2	517.4	517.7	481.6	452.2	422.8	426.3
1061.8	67.5°	496.7	481.1	465.4	469.2	473.0	472.1	451.7	427.3	402.8	401.7
836.0	70°	376.2	380.7	385.2	402.9	420.6	420.6	413.9	396.5	379.1	375.3
639.2	72.5°	290.2	303.7	317.2	342.4	367.5	371.7	371.8	359.9	347.9	342.3
463.9	75°	225.4	237.6	249.8	278.0	306.2	325.6	324.0	314.8	305.6	300.2
314.3	77.5°	173.5	181.8	190.2	217.5	244.9	277.0	276.1	268.7	261.4	255.9
202.5	80°	130.1	133.5	137.0	160.1	183.3	221.6	221.5	215.3	209.1	204.5
124.6	82.5°	93.0	93.6	94.2	111.3	128.4	161.1	162.9	159.9	156.9	153.6
66.6	85°	56.2	55.9	55.6	68.1	80.5	104.9	107.3	104.0	100.8	97.1
27.6	87.5°	24.6	24.3	24.0	29.1	34.2	44.4	47.4	46.1	44.8	44.1
0.0	90°	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):**

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
1122.5	0°	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5
1079.4	2.5°	1072.9	1066.4	1059.9	1053.4	1048.3	1043.2	1039.1	1035.0	1031.9	1028.7
1043.6	5°	1032.0	1020.5	1010.0	999.5	991.5	983.4	977.7	972.1	968.1	964.1
1021.5	7.5°	1007.0	992.4	979.6	966.8	957.2	947.6	940.9	934.2	929.6	925.0
1020.9	10°	1005.3	989.6	975.2	960.7	949.3	937.8	930.3	922.7	918.4	914.0
1042.7	12.5°	1030.4	1018.2	1003.2	988.3	973.7	959.0	949.3	939.6	934.8	929.9
1078.1	15°	1074.9	1071.7	1058.8	1045.8	1025.0	1004.1	989.4	974.7	967.9	961.2
1107.9	17.5°	1117.9	1127.9	1117.4	1107.0	1079.4	1051.8	1030.0	1008.3	998.3	988.3
1113.0	20°	1133.9	1154.8	1150.0	1145.1	1113.5	1082.0	1055.4	1028.8	1016.0	1003.2
1084.5	22.5°	1111.7	1138.9	1141.8	1144.7	1114.5	1084.4	1057.0	1029.5	1016.0	1002.5
1033.3	25°	1060.1	1086.8	1096.8	1106.8	1082.0	1057.4	1033.0	1008.7	997.0	985.3
975.7	27.5°	997.1	1018.6	1029.7	1040.9	1023.2	1005.7	986.8	967.9	960.0	952.1
917.8	30°	935.6	953.4	962.5	971.5	958.1	944.7	931.2	917.5	913.5	909.5
859.1	32.5°	876.1	893.2	903.3	913.4	901.0	888.7	877.9	867.1	864.4	861.8
802.0	35°	818.9	835.8	847.9	860.0	851.2	842.4	832.4	822.5	818.5	814.5
747.5	37.5°	764.4	781.3	796.2	811.1	807.0	803.0	793.8	784.6	777.3	770.1
696.6	40°	712.9	729.1	746.3	763.5	764.5	765.4	757.6	749.8	739.2	728.7
649.9	42.5°	665.3	680.8	699.3	717.8	722.8	727.7	721.1	714.6	701.4	688.3
609.8	45°	624.5	639.1	658.3	677.5	684.6	691.8	685.8	679.9	664.9	649.9
577.8	47.5°	592.2	606.5	625.4	644.4	652.6	660.7	656.6	652.5	639.1	625.8
554.6	50°	568.1	581.6	598.5	615.5	626.0	636.5	636.3	636.1	625.4	614.7
539.3	52.5°	551.7	564.0	579.8	595.7	608.1	620.6	622.8	625.1	616.4	607.7
527.7	55°	541.1	554.4	568.3	582.1	595.3	608.5	611.6	614.7	607.2	599.6
512.1	57.5°	527.8	543.5	557.2	570.9	584.2	597.5	600.7	603.8	596.1	588.5
491.1	60°	509.1	527.1	541.0	555.0	568.3	581.7	585.1	588.6	581.1	573.6
461.5	62.5°	482.5	503.5	518.4	533.2	545.5	557.7	561.0	564.3	557.6	550.8
429.9	65°	452.4	474.9	489.1	503.3	514.1	524.8	528.2	531.6	525.1	518.6
400.6	67.5°	421.3	442.1	455.6	469.1	478.4	487.7	491.0	494.3	488.3	482.3
371.4	70°	389.6	407.9	419.5	431.2	439.6	448.0	451.1	454.3	449.5	444.6
336.6	72.5°	351.0	365.3	375.9	386.4	394.6	402.8	406.6	410.4	406.4	402.3
294.7	75°	305.4	316.1	325.6	335.1	342.6	350.1	354.1	358.0	356.0	354.1
250.3	77.5°	259.0	267.7	275.9	284.1	291.9	299.8	303.5	307.2	304.4	301.6
199.9	80°	207.1	214.3	221.2	228.1	234.1	240.0	244.9	249.8	248.6	247.5
150.3	82.5°	149.7	149.1	146.7	144.3	157.0	169.8	178.1	186.5	186.0	185.4
93.5	85°	90.4	87.2	80.5	73.9	85.8	97.8	108.1	118.5	117.6	116.7
43.4	87.5°	43.3	43.2	38.1	33.0	37.9	43.0	47.2	51.3	50.3	49.2
0.0	90°	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):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
1122.5	0°	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5
1025.7	2.5°	1022.8	1019.1	1022.8	1025.7	1028.7	1031.9	1035.0	1039.1	1043.2	1048.3
961.0	5°	957.9	954.9	957.9	961.0	964.1	968.1	972.1	977.7	983.4	991.5
922.2	7.5°	919.5	917.5	919.5	922.2	925.0	929.6	934.2	940.9	947.6	957.2
911.7	10°	909.4	908.4	909.4	911.7	914.0	918.4	922.7	930.3	937.8	949.3
928.0	12.5°	926.0	925.6	926.0	928.0	929.9	934.8	939.6	949.3	959.0	973.7
958.6	15°	956.0	955.8	956.0	958.6	961.2	967.9	974.7	989.4	1004.1	1025.0
985.0	17.5°	981.7	981.2	981.7	985.0	988.3	998.3	1008.3	1030.0	1051.8	1079.4
999.1	20°	995.0	993.7	995.0	999.1	1003.2	1016.0	1028.8	1055.4	1082.0	1113.5
998.0	22.5°	993.5	991.5	993.5	998.0	1002.5	1016.0	1029.5	1057.0	1084.4	1114.5
981.0	25°	976.8	974.3	976.8	981.0	985.3	997.0	1008.7	1033.0	1057.4	1082.0
950.2	27.5°	948.3	947.6	948.3	950.2	952.1	960.0	967.9	986.8	1005.7	1023.2
909.5	30°	909.5	910.1	909.5	909.5	909.5	913.5	917.5	931.2	944.7	958.1
862.1	32.5°	862.5	863.2	862.5	862.1	861.8	864.4	867.1	877.9	888.7	901.0
813.6	35°	812.8	812.4	812.8	813.6	814.5	818.5	822.5	832.4	842.4	851.2
766.2	37.5°	762.4	760.2	762.4	766.2	770.1	777.3	784.6	793.8	803.0	807.0
721.6	40°	714.5	710.3	714.5	721.6	728.7	739.2	749.8	757.6	765.4	764.5
677.9	42.5°	667.5	660.7	667.5	677.9	688.3	701.4	714.6	721.1	727.7	722.8
637.7	45°	625.5	617.7	625.5	637.7	649.9	664.9	679.9	685.8	691.8	684.6
614.5	47.5°	603.2	595.7	603.2	614.5	625.8	639.1	652.5	656.6	660.7	652.6
604.3	50°	593.9	586.7	593.9	604.3	614.7	625.4	636.1	636.3	636.5	626.0
598.3	52.5°	589.0	582.3	589.0	598.3	607.7	616.4	625.1	622.8	620.6	608.1
591.4	55°	583.2	577.2	583.2	591.4	599.6	607.2	614.7	611.6	608.5	595.3
580.4	57.5°	572.2	566.0	572.2	580.4	588.5	596.1	603.8	600.7	597.5	584.2
565.3	60°	556.9	550.5	556.9	565.3	573.6	581.1	588.6	585.1	581.7	568.3
542.0	62.5°	533.2	525.5	533.2	542.0	550.8	557.6	564.3	561.0	557.7	545.5
510.1	65°	501.6	494.9	501.6	510.1	518.6	525.1	531.6	528.2	524.8	514.1
474.4	67.5°	466.5	460.5	466.5	474.4	482.3	488.3	494.3	491.0	487.7	478.4
437.0	70°	429.4	422.5	429.4	437.0	444.6	449.5	454.3	451.1	448.0	439.6
395.1	72.5°	387.9	381.2	387.9	395.1	402.3	406.4	410.4	406.6	402.8	394.6
348.0	75°	341.9	335.5	341.9	348.0	354.1	356.0	358.0	354.1	350.1	342.6
295.5	77.5°	289.4	284.3	289.4	295.5	301.6	304.4	307.2	303.5	299.8	291.9
239.2	80°	231.0	221.4	231.0	239.2	247.5	248.6	249.8	244.9	240.0	234.1
178.5	82.5°	171.5	165.4	171.5	178.5	185.4	186.0	186.5	178.1	169.8	157.0
111.3	85°	105.9	100.4	105.9	111.3	116.7	117.6	118.5	108.1	97.8	85.8
46.4	87.5°	43.6	40.9	43.6	46.4	49.2	50.3	51.3	47.2	43.0	37.9
0.0	90°	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):**

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
1122.5	0°	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5
1053.4	2.5°	1059.9	1066.4	1072.9	1079.4	1086.8	1094.3	1102.5	1110.8	1121.0	1130.1
999.5	5°	1010.0	1020.5	1032.0	1043.6	1056.6	1069.7	1085.4	1100.9	1118.8	1136.9
966.8	7.5°	979.6	992.4	1007.0	1021.5	1038.7	1055.9	1076.7	1097.4	1120.5	1145.2
960.7	10°	975.2	989.6	1005.3	1020.9	1038.1	1055.4	1077.3	1099.1	1124.0	1154.4
988.3	12.5°	1003.2	1018.2	1030.4	1042.7	1054.1	1065.5	1083.4	1101.3	1124.4	1156.4
1045.8	15°	1058.8	1071.7	1074.9	1078.1	1076.6	1075.0	1083.5	1092.1	1110.6	1146.1
1107.0	17.5°	1117.4	1127.9	1117.9	1107.9	1089.1	1070.4	1067.3	1064.1	1075.5	1117.2
1145.1	20°	1150.0	1154.8	1133.9	1113.0	1080.4	1047.8	1033.1	1018.5	1021.5	1070.0
1144.7	22.5°	1141.8	1138.9	1111.7	1084.5	1047.2	1010.0	988.3	966.6	960.7	1016.0
1106.8	25°	1096.8	1086.8	1060.1	1033.3	999.8	966.3	941.4	916.4	900.4	957.1
1040.9	27.5°	1029.7	1018.6	997.1	975.7	948.2	920.7	896.6	872.4	853.1	904.6
971.5	30°	962.5	953.4	935.6	917.8	895.0	872.1	852.9	833.8	818.6	861.9
913.4	32.5°	903.3	893.2	876.1	859.1	840.8	822.6	811.3	800.0	793.2	828.1
860.0	35°	847.9	835.8	818.9	802.0	788.2	774.2	771.1	768.0	770.8	799.9
811.1	37.5°	796.2	781.3	764.4	747.5	737.6	727.6	731.0	734.5	744.7	770.1
763.5	40°	746.3	729.1	712.9	696.6	689.4	682.2	690.0	697.8	713.5	736.5
717.8	42.5°	699.3	680.8	665.3	649.9	644.0	638.1	648.5	658.8	678.6	699.9
677.5	45°	658.3	639.1	624.5	609.8	604.8	599.9	610.0	620.0	639.2	660.7
644.4	47.5°	625.4	606.5	592.2	577.8	573.2	568.6	577.0	585.4	601.9	629.7
615.5	50°	598.5	581.6	568.1	554.6	547.3	540.0	547.5	555.0	574.2	610.7
595.7	52.5°	579.8	564.0	551.7	539.3	528.4	517.5	524.9	532.3	559.1	601.1
582.1	55°	568.3	554.4	541.1	527.7	512.3	496.8	508.5	520.2	560.6	599.7
570.9	57.5°	557.2	543.5	527.8	512.1	495.5	478.9	495.9	513.0	562.1	596.6
555.0	60°	541.0	527.1	509.1	491.1	476.6	462.0	484.1	506.2	557.4	580.1
533.2	62.5°	518.4	503.5	482.5	461.5	452.3	443.0	470.6	498.3	545.7	548.5
503.3	65°	489.1	474.9	452.4	429.9	426.3	422.8	452.2	481.6	517.7	517.4
469.1	67.5°	455.6	442.1	421.3	400.6	401.7	402.8	427.3	451.7	472.1	473.0
431.2	70°	419.5	407.9	389.6	371.4	375.3	379.1	396.5	413.9	420.6	420.6
386.4	72.5°	375.9	365.3	351.0	336.6	342.3	347.9	359.9	371.8	371.7	367.5
335.1	75°	325.6	316.1	305.4	294.7	300.2	305.6	314.8	324.0	325.6	306.2
284.1	77.5°	275.9	267.7	259.0	250.3	255.9	261.4	268.7	276.1	277.0	244.9
228.1	80°	221.2	214.3	207.1	199.9	204.5	209.1	215.3	221.5	221.6	183.3
144.3	82.5°	146.7	149.1	149.7	150.3	153.6	156.9	159.9	162.9	161.1	128.4
73.9	85°	80.5	87.2	90.4	93.5	97.1	100.8	104.0	107.3	104.9	80.5
33.0	87.5°	38.1	43.2	43.3	43.4	44.1	44.8	46.1	47.4	44.4	34.2
0.0	90°	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):**

325°		330°	335°	340°	345°	350°	355°	360°
1122.5	0°	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5
1139.6	2.5°	1149.1	1159.0	1168.9	1178.7	1188.6	1197.9	1207.1
1156.1	5°	1175.2	1195.8	1216.3	1236.7	1257.1	1277.5	1298.0
1172.0	7.5°	1198.7	1229.1	1259.5	1290.6	1321.8	1355.6	1389.3
1186.1	10°	1217.8	1254.7	1291.5	1332.7	1373.9	1416.6	1459.3
1192.2	12.5°	1228.0	1271.5	1315.0	1361.7	1408.4	1455.3	1502.2
1187.5	15°	1229.0	1279.1	1329.1	1379.8	1430.5	1479.3	1528.2
1167.1	17.5°	1216.9	1275.0	1333.2	1388.5	1443.7	1493.3	1542.9
1131.8	20°	1193.6	1264.0	1334.5	1395.2	1456.0	1507.5	1559.0
1090.4	22.5°	1164.8	1250.5	1336.2	1404.4	1472.5	1525.1	1577.8
1044.2	25°	1131.3	1237.1	1343.0	1420.9	1498.7	1550.3	1601.9
1001.9	27.5°	1099.2	1228.2	1357.2	1446.7	1536.2	1585.4	1634.6
966.6	30°	1071.3	1224.0	1376.7	1480.2	1583.7	1631.2	1678.8
936.1	32.5°	1044.2	1218.9	1393.5	1515.1	1636.8	1683.8	1730.9
906.2	35°	1012.6	1209.1	1405.8	1554.9	1704.1	1749.2	1794.2
871.0	37.5°	971.8	1192.5	1413.1	1599.5	1785.9	1843.4	1900.8
828.9	40°	921.3	1169.5	1417.7	1656.1	1894.4	1978.2	2061.9
782.6	42.5°	865.3	1145.8	1426.5	1730.2	2033.8	2154.7	2275.5
733.3	45°	805.8	1123.8	1441.9	1827.6	2213.3	2376.3	2539.4
694.3	47.5°	758.9	1105.6	1452.4	1931.4	2410.4	2639.9	2869.3
668.4	50°	726.1	1085.8	1445.5	2027.7	2609.9	2955.8	3301.8
651.4	52.5°	701.7	1052.4	1403.1	2090.2	2777.3	3287.8	3798.2
639.0	55°	678.3	996.9	1315.4	2076.5	2837.4	3582.0	4326.7
624.3	57.5°	652.1	918.7	1185.2	1979.5	2773.8	3790.6	4807.4
601.9	60°	623.8	817.1	1010.4	1798.9	2587.5	3842.7	5097.9
563.0	62.5°	577.5	695.5	813.6	1554.8	2296.1	3623.3	4950.4
524.2	65°	531.1	586.2	641.3	1305.8	1970.4	3312.7	4655.1
469.2	67.5°	465.4	481.1	496.7	1061.8	1627.0	2943.2	4259.5
402.9	70°	385.2	380.7	376.2	836.0	1295.9	2540.0	3784.2
342.4	72.5°	317.2	303.7	290.2	639.2	988.1	2102.9	3217.8
278.0	75°	249.8	237.6	225.4	463.9	702.4	1601.8	2501.3
217.5	77.5°	190.2	181.8	173.5	314.3	455.2	1121.1	1787.1
160.1	80°	137.0	133.5	130.1	202.5	275.0	722.3	1169.6
111.3	82.5°	94.2	93.6	93.0	124.6	156.3	418.1	679.9
68.1	85°	55.6	55.9	56.2	66.6	77.0	188.1	299.1
29.1	87.5°	24.0	24.3	24.6	27.6	30.6	61.6	92.6
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)