

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: P530186

Luminaire Tested: **GALN-SA5B-827-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P530186
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-24)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SA5B-827-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(5) 80 CRI, 2700K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS WITH WHITE GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15601 lumens
Efficiency: N/A
Efficacy: 76.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B3 - U0 - G2

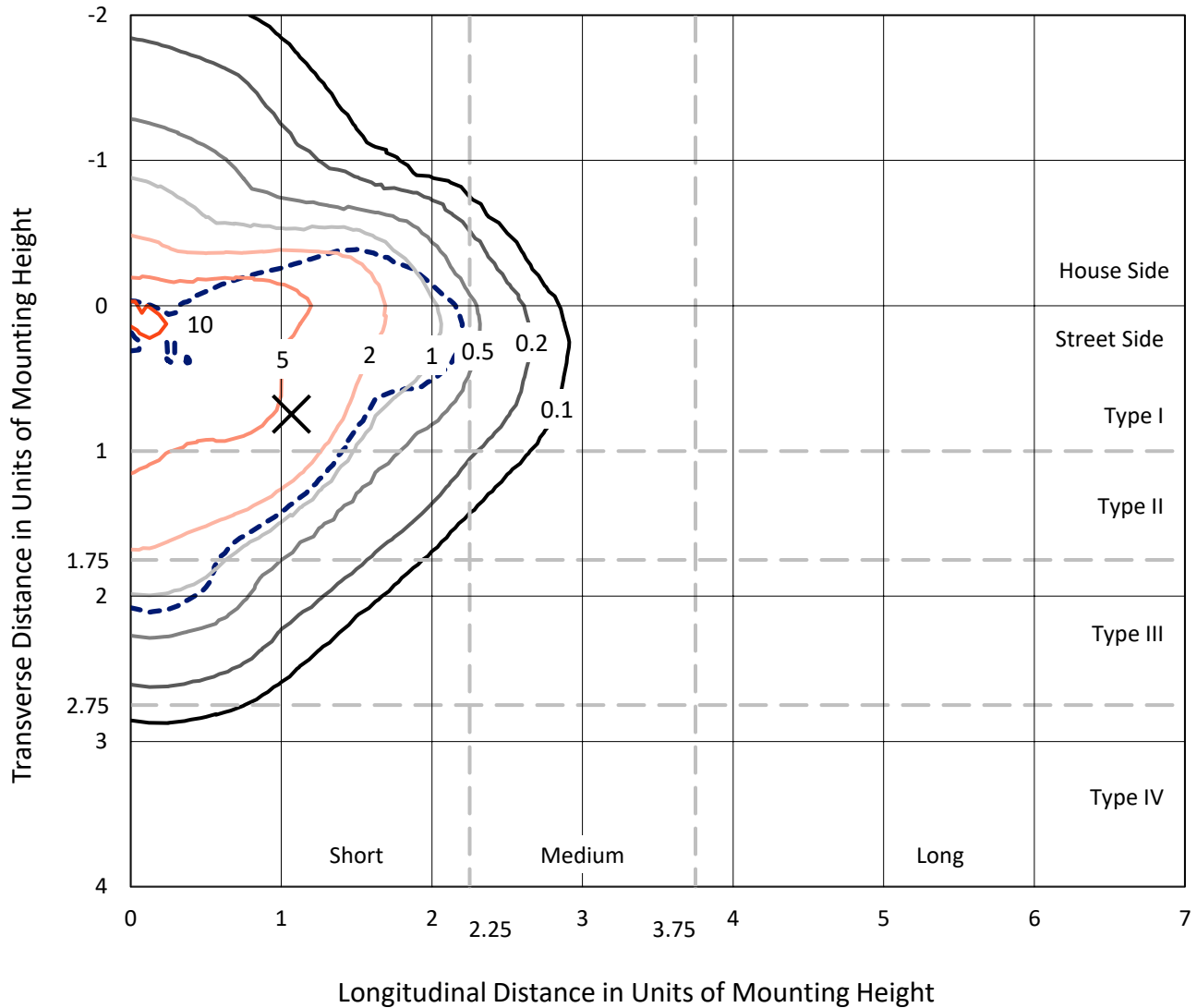
Input Watts (W): 204
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

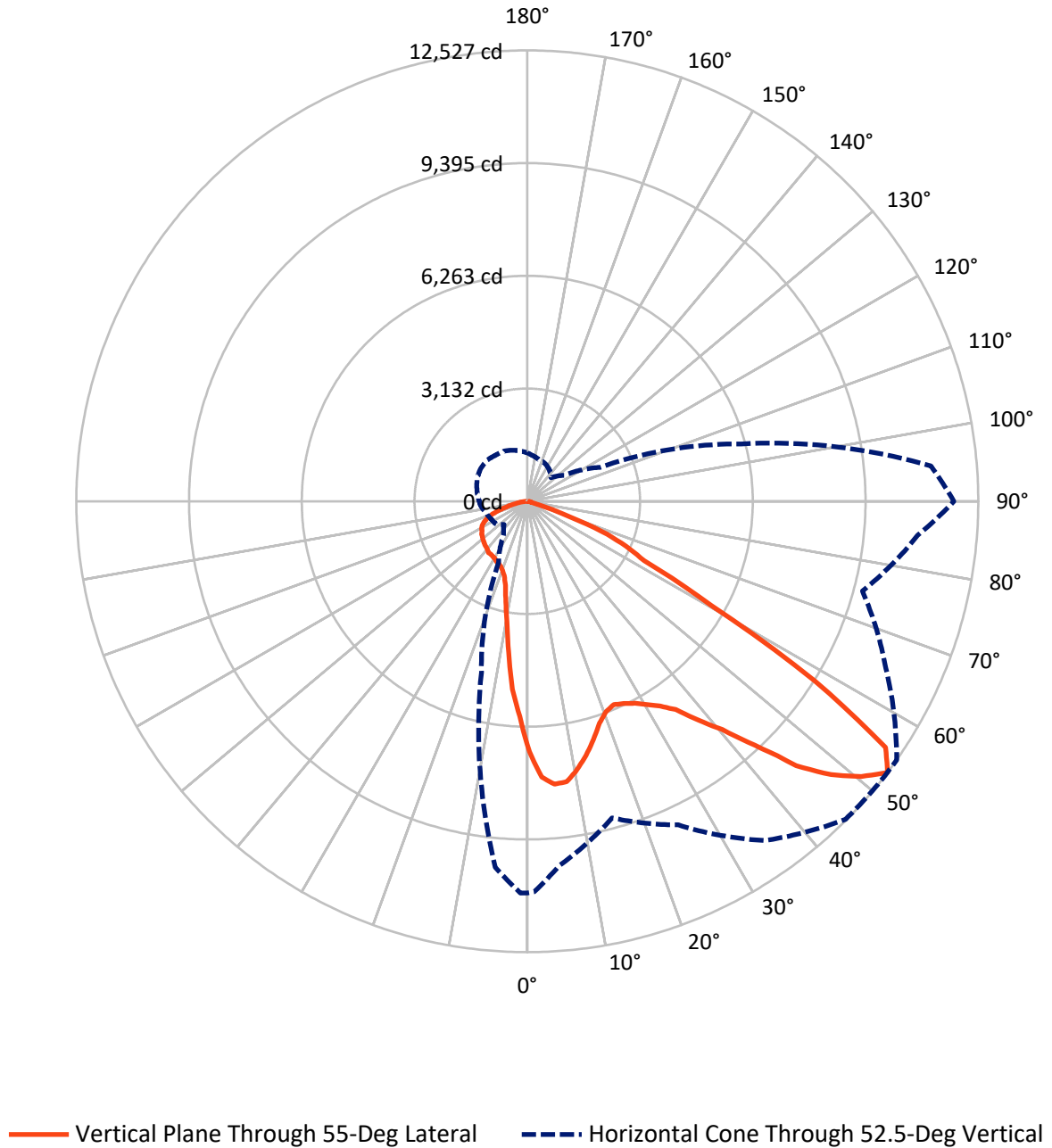
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.8 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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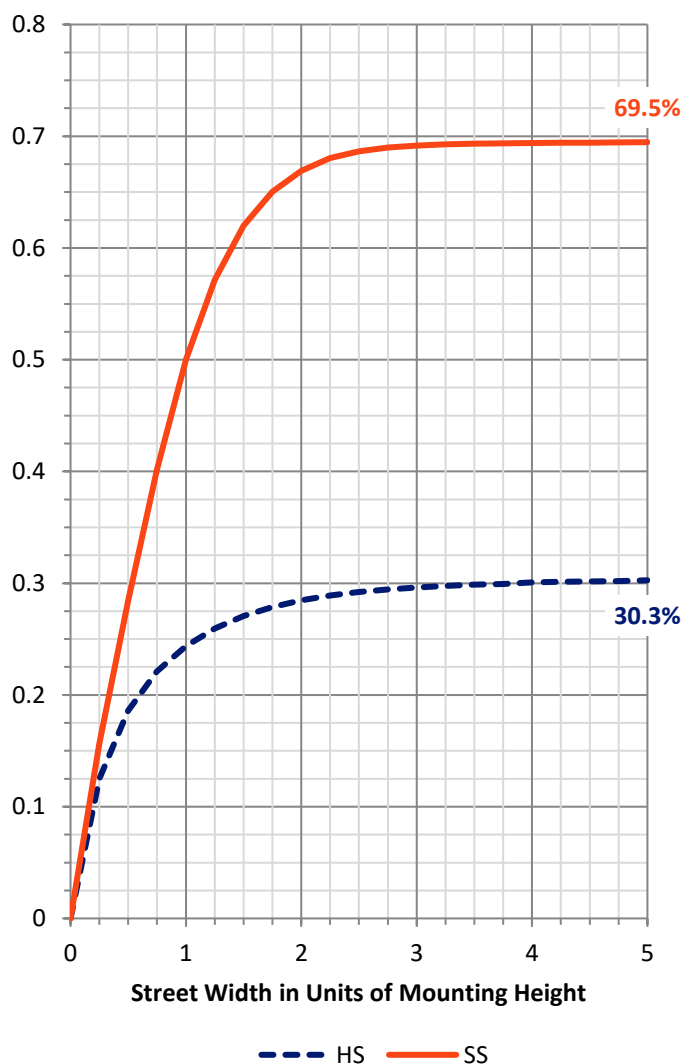
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4759.2	0.0	4759.2
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	10841.8	0.0	10841.8
	% Fixture	69.5	0.0	69.5
Total	Lumens	15601.0	0.0	15601.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	531.7	3.4
10°-20°	1146.4	7.3
20°-30°	1738.3	11.1
30°-40°	2511.5	16.1
40°-50°	3356.1	21.5
50°-60°	3746.1	24.0
60°-70°	2054.9	13.2
70°-80°	444.3	2.8
80°-90°	71.9	0.5
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°	15601.0	100.0
0°-180°	15601.0	100.0

Coefficient of Utilization



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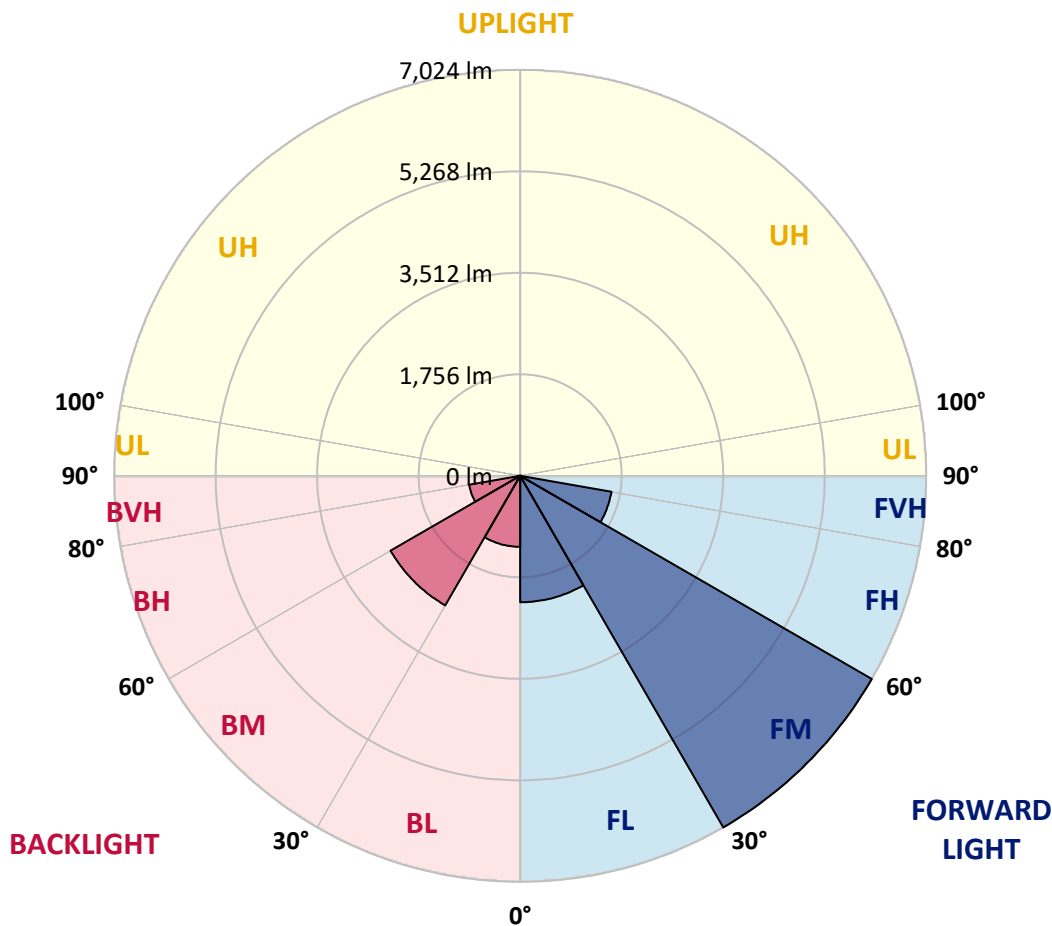
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2187.5	14.0			
FM (30°-60°)	7024.3	45.0			
FH (60°-80°)	1603.4	10.3			G1/1800
FVH (80°-90°)	26.6	0.2			G1/100
BL (0°-30°)	1228.7	7.9	B3/2500		
BM (30°-60°)	2589.4	16.6	B3/5000		
BH (60°-80°)	895.8	5.7	B2/1000		G2/1000
BVH (80°-90°)	45.3	0.3			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	6959.3	6959.3	6959.3	6959.3	6959.3	6959.3	6959.3	6959.3	6959.3	6959.3	6959.3
2.5°	7303.2	7262.2	7298.7	7471.8	7572.0	7640.4	7683.7	7676.8	7512.8	7353.3	7353.3
5°	7089.1	7036.7	7111.9	7503.7	7897.8	7932.0	7988.9	7895.5	7654.0	7362.5	6998.0
7.5°	6469.5	6508.2	6633.5	7148.3	7660.9	7918.3	7986.6	7868.2	7476.4	6931.9	6396.6
10°	5934.2	6025.3	6314.6	6870.4	7342.0	7676.8	7752.0	7585.7	7275.9	6608.4	6130.1
12.5°	5749.6	5692.7	6013.9	6569.7	7020.8	7200.7	7234.9	7246.3	7036.7	6444.4	5861.3
15°	5726.9	5763.3	6013.9	6435.3	6713.2	6722.3	6779.3	6868.1	6895.5	6556.0	5986.6
17.5°	6054.9	6011.6	6269.0	6603.9	6471.8	6339.6	6353.3	6480.9	6706.4	6651.7	6380.6
20°	6540.1	6638.1	6840.8	6806.6	6451.3	6116.4	6118.7	6239.4	6683.6	7048.1	6929.6
22.5°	7346.5	7442.2	7592.5	7180.2	6451.3	6050.3	5972.9	6136.9	6829.4	7519.6	7549.3
25°	8082.3	8257.7	8298.7	7813.5	6774.7	6111.8	6061.7	6223.5	6975.2	7979.8	8260.0
27.5°	8752.0	8815.8	8995.8	8221.3	6954.7	6152.8	6148.3	6355.6	7159.7	8209.9	8895.5
30°	9280.5	9273.7	9376.2	8478.7	7241.7	6382.9	6162.0	6553.8	7401.2	8590.3	9483.3
32.5°	9640.4	9717.9	9934.3	8836.3	7362.5	6601.6	6428.5	6786.1	7695.0	8770.3	9897.9
35°	10273.7	10408.1	10134.8	9034.5	7745.2	6818.0	6615.3	7102.8	7840.8	8966.2	10405.8
37.5°	10870.6	10768.0	10490.1	9141.6	7993.5	7218.9	7029.9	7715.5	8294.2	9392.1	10743.0
40°	11253.3	11251.0	10756.7	9228.1	8168.9	7831.7	7820.3	8337.4	8850.0	9660.9	11121.1
42.5°	11419.6	11579.0	10866.0	9219.0	8537.9	8574.3	8804.4	9266.9	9244.1	9715.6	11112.0
44°	11647.4	11743.0	11055.1	9239.5	8783.9	9075.5	9617.7	9911.5	9588.1	9686.0	11100.6
45°	11638.2	11645.1	10786.3	9266.9	8993.5	9494.7	9979.9	10476.5	9891.0	9622.2	11251.0
47.5°	11371.7	11294.3	10558.5	9064.1	9647.3	10601.8	11050.5	11351.2	10264.6	9485.5	11064.2
50°	10845.5	10756.7	10004.9	8977.6	9784.0	11289.7	11909.3	12018.7	10604.0	9351.1	10879.7
52.5°	10881.9	10856.9	10162.1	9107.4	9920.6	11506.1	12499.3	12526.7	10989.0	9633.6	10881.9
55°	11533.5	11446.9	10613.1	9269.1	9820.4	11253.3	12123.5	12075.6	10859.2	9462.8	11082.4
57.5°	10553.9	10610.9	9989.0	8629.0	8594.8	9148.4	9531.1	9412.6	9061.8	8540.2	10310.2
60°	8515.1	8676.9	8736.1	7216.7	6485.4	6200.7	6086.8	5877.2	5936.4	7016.2	9057.3
62.5°	7303.2	7294.1	7665.4	6542.4	4248.4	3653.9	3599.2	3647.1	4330.5	6906.9	8870.5
65°	5790.6	5945.5	6059.4	5544.6	3362.3	2713.1	2710.8	3013.8	3747.3	5772.4	7162.0
67.5°	3676.7	3879.4	4020.6	3546.8	2248.4	1931.7	1879.3	2243.8	2596.9	3786.0	4312.2
70°	2073.0	2168.6	2232.4	2045.6	1430.6	1002.3	943.1	1029.7	1569.5	2451.1	2555.9
72.5°	799.6	842.9	929.4	936.3	539.9	323.5	262.0	314.4	660.6	970.4	924.9
75°	123.0	132.1	186.8	223.2	154.9	118.5	125.3	129.8	184.5	250.6	209.6
77.5°	59.2	59.2	56.9	66.1	77.5	84.3	91.1	100.2	109.3	120.7	116.2
80°	38.7	38.7	38.7	45.6	56.9	68.3	77.5	82.0	86.6	95.7	91.1
82.5°	25.1	25.1	25.1	34.2	45.6	56.9	61.5	72.9	82.0	95.7	88.8
85°	13.7	13.7	13.7	22.8	34.2	47.8	45.6	36.4	20.5	2.3	4.6
87.5°	4.6	4.6	4.6	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6959.3	6959.3	6959.3	6959.3	6959.3	6959.3	6959.3	6959.3	6959.3	6959.3	6959.3
2.5°	7162.0	7057.2	7048.1	6834.0	6642.6	6549.2	6474.0	6264.5	6310.0	6189.3	6187.0
5°	6815.7	6601.6	6255.4	5970.6	5685.9	5628.9	5380.6	5164.2	5171.0	5016.1	5043.5
7.5°	6193.8	6045.8	5624.4	5177.9	4799.7	4530.9	4296.3	4155.0	3975.1	3913.6	3881.7
10°	5799.8	5617.5	5143.7	4583.3	4159.6	4016.1	3790.6	3665.3	3480.8	3389.6	3325.9
12.5°	5626.6	5360.1	4767.8	4198.3	3915.9	3767.8	3576.4	3348.6	3130.0	3045.7	2929.5
15°	5644.9	5325.9	4658.5	4043.4	3704.0	3417.0	3246.1	2993.3	2770.0	2622.0	2537.7
17.5°	5920.5	5533.2	4708.6	3925.0	3437.5	3077.6	2742.7	2469.3	2291.7	2180.0	2152.7
20°	6572.0	6045.8	4792.9	3733.6	3171.0	2722.2	2309.9	2025.1	1888.5	1886.2	1888.5
22.5°	7114.2	6592.5	4963.7	3619.7	2904.4	2266.6	1856.6	1765.4	1738.1	1795.1	1801.9
25°	7845.4	7207.6	5257.6	3560.5	2658.4	1931.7	1678.9	1644.7	1642.4	1715.3	1717.6
27.5°	8594.8	7745.2	5433.0	3387.4	2407.8	1758.6	1571.8	1565.0	1601.4	1678.9	1672.0
30°	9105.1	8196.2	5749.6	3180.1	2111.7	1606.0	1528.5	1537.6	1587.8	1647.0	1656.1
32.5°	9699.7	8640.4	5831.6	3066.2	1929.5	1478.4	1423.7	1444.2	1508.0	1601.4	1651.5
35°	10380.8	8954.8	5956.9	2911.3	1861.1	1380.5	1353.1	1375.9	1453.4	1514.9	1569.5
37.5°	10884.2	9510.6	5979.7	2790.5	1785.9	1325.8	1282.5	1357.7	1403.2	1489.8	1517.1
40°	11257.8	9913.8	6038.9	2715.4	1726.7	1255.2	1255.2	1305.3	1366.8	1446.5	1501.2
42.5°	11497.0	10207.7	6082.2	2647.0	1612.8	1234.7	1223.3	1273.4	1355.4	1432.9	1457.9
44°	11642.8	10333.0	6038.9	2583.2	1580.9	1209.6	1209.6	1252.9	1316.7	1407.8	1437.4
45°	11679.2	10490.1	5943.3	2581.0	1542.2	1180.0	1175.4	1257.4	1300.7	1412.4	1430.6
47.5°	11820.5	10683.8	5954.7	2508.1	1448.8	1109.4	1189.1	1225.6	1264.3	1362.2	1423.7
50°	11815.9	10804.5	5929.6	2401.0	1380.5	1029.7	1161.8	1202.8	1241.5	1341.7	1366.8
52.5°	11847.8	11255.5	6159.7	2230.2	1257.4	927.1	1070.7	1161.8	1209.6	1293.9	1346.3
55°	11831.9	11513.0	6387.5	2102.6	1084.3	865.6	993.2	1100.3	1168.6	1257.4	1282.5
57.5°	10806.8	10175.8	5911.4	1863.4	897.5	792.7	883.9	1036.5	1123.0	1214.2	1246.1
60°	8829.5	7843.1	4874.9	1371.3	738.1	729.0	822.4	1016.0	1052.4	1132.2	1186.8
62.5°	8159.8	6879.5	3865.7	1047.9	631.0	667.5	758.6	918.0	975.0	1072.9	1123.0
65°	6385.2	4569.6	2394.2	708.5	555.8	599.1	685.7	804.1	897.5	988.6	1047.9
67.5°	3781.5	2496.7	1184.6	496.6	485.2	530.8	619.6	708.5	815.5	915.8	945.4
70°	2059.3	1227.8	505.7	378.1	412.3	453.3	539.9	601.4	703.9	781.3	831.5
72.5°	660.6	373.6	252.9	280.2	314.4	362.2	414.6	489.8	562.7	608.2	649.2
75°	159.5	157.2	180.0	195.9	227.8	264.2	307.5	346.3	403.2	446.5	482.9
77.5°	111.6	120.7	139.0	161.7	173.1	186.8	214.1	243.7	268.8	300.7	323.5
80°	86.6	93.4	107.1	118.5	129.8	141.2	154.9	166.3	182.2	202.7	214.1
82.5°	82.0	86.6	100.2	107.1	102.5	100.2	109.3	113.9	116.2	123.0	129.8
85°	6.8	0.0	4.6	15.9	38.7	56.9	61.5	61.5	59.2	63.8	63.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	9.1	6.8
90°	0.0	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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	6959.3	6959.3	6959.3	6959.3	6959.3	6959.3	6959.3	6959.3	6959.3	6959.3	6959.3
2.5°	6159.7	6082.2	6111.8	6148.3	6095.9	5975.2	6007.1	5993.4	6116.4	6107.3	6230.3
5°	5164.2	5043.5	5057.1	5234.8	5177.9	5239.4	5116.4	5100.4	5123.2	5134.6	5155.1
7.5°	3952.3	3936.4	4073.0	4223.4	4294.0	4221.1	4100.4	4073.0	4048.0	3997.9	4111.8
10°	3225.6	3230.2	3221.1	3335.0	3414.7	3398.8	3325.9	3316.8	3268.9	3250.7	3314.5
12.5°	2879.4	2817.9	2788.3	2751.8	2813.3	2854.3	2822.4	2799.6	2801.9	2824.7	2833.8
15°	2544.5	2505.8	2442.0	2401.0	2430.6	2410.1	2398.7	2444.3	2432.9	2428.3	2483.0
17.5°	2168.6	2200.5	2196.0	2150.4	2189.1	2173.2	2170.9	2139.0	2095.7	2063.9	2082.1
20°	1920.3	1979.6	2025.1	2027.4	2047.9	2045.6	2011.5	1913.5	1881.6	1874.8	1879.3
22.5°	1831.5	1863.4	1918.1	1995.5	1995.5	1959.1	1918.1	1804.2	1774.6	1742.7	1729.0
25°	1760.9	1822.4	1893.0	1902.1	1938.6	1904.4	1838.3	1781.4	1719.9	1676.6	1676.6
27.5°	1724.4	1792.8	1845.2	1861.1	1911.2	1883.9	1815.6	1742.7	1669.8	1667.5	1628.8
30°	1708.5	1772.3	1806.4	1845.2	1868.0	1824.7	1804.2	1726.7	1653.8	1635.6	1571.8
32.5°	1660.7	1751.8	1815.6	1806.4	1824.7	1806.4	1776.8	1713.0	1631.0	1590.0	1583.2
35°	1606.0	1697.1	1765.4	1813.3	1824.7	1785.9	1767.7	1681.2	1569.5	1549.0	1478.4
37.5°	1576.4	1631.0	1715.3	1792.8	1808.7	1788.2	1726.7	1637.9	1526.3	1503.5	1442.0
40°	1539.9	1610.5	1676.6	1740.4	1788.2	1738.1	1667.5	1580.9	1530.8	1462.5	1444.2
42.5°	1512.6	1592.3	1647.0	1717.6	1772.3	1706.2	1624.2	1565.0	1494.4	1448.8	1396.4
44°	1503.5	1576.4	1612.8	1699.4	1744.9	1694.8	1626.5	1565.0	1483.0	1442.0	1396.4
45°	1471.6	1571.8	1610.5	1688.0	1726.7	1685.7	1599.1	1537.6	1478.4	1428.3	1380.5
47.5°	1439.7	1508.0	1574.1	1635.6	1662.9	1649.3	1576.4	1501.2	1430.6	1401.0	1355.4
50°	1430.6	1498.9	1560.4	1617.4	1649.3	1621.9	1555.9	1483.0	1401.0	1353.1	1314.4
52.5°	1385.0	1469.3	1537.6	1555.9	1596.9	1580.9	1530.8	1451.1	1373.6	1332.6	1300.7
55°	1319.0	1407.8	1501.2	1524.0	1583.2	1558.1	1483.0	1407.8	1341.7	1280.2	1239.2
57.5°	1293.9	1380.5	1471.6	1501.2	1537.6	1496.6	1478.4	1398.7	1293.9	1262.0	1198.2
60°	1230.1	1339.5	1414.6	1483.0	1485.2	1473.9	1442.0	1350.8	1264.3	1205.1	1159.5
62.5°	1180.0	1282.5	1341.7	1405.5	1444.2	1412.4	1380.5	1296.2	1202.8	1136.7	1084.3
65°	1107.1	1200.5	1250.6	1289.3	1332.6	1328.1	1273.4	1211.9	1113.9	1061.5	1011.4
67.5°	995.5	1077.5	1145.8	1182.3	1209.6	1202.8	1161.8	1118.5	1018.3	965.9	929.4
70°	861.1	945.4	988.6	1009.1	1036.5	1050.2	1018.3	997.8	908.9	840.6	806.4
72.5°	692.5	747.2	811.0	829.2	840.6	849.7	849.7	831.5	740.3	713.0	653.8
75°	510.3	553.6	601.4	601.4	621.9	624.2	628.7	617.3	549.0	512.5	498.9
77.5°	346.3	378.1	416.9	432.8	446.5	444.2	441.9	410.0	373.6	357.6	344.0
80°	225.5	257.4	275.6	296.1	309.8	307.5	312.1	289.3	273.4	246.0	250.6
82.5°	134.4	159.5	177.7	202.7	202.7	209.6	209.6	202.7	186.8	173.1	173.1
85°	63.8	84.3	95.7	111.6	120.7	123.0	109.3	93.4	77.5	70.6	77.5
87.5°	11.4	15.9	22.8	20.5	25.1	22.8	22.8	22.8	22.8	18.2	20.5
90°	0.0	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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6959.3	6959.3	6959.3	6959.3	6959.3	6959.3	6959.3	6959.3	6959.3	6959.3
2.5°	6184.7	6298.6	6378.4	6510.5	6738.3	6920.5	7107.3	7246.3	7262.2	7303.2
5°	5230.3	5291.8	5494.5	5758.8	5945.5	6253.1	6451.3	6811.2	6945.6	7089.1
7.5°	4084.4	4184.7	4455.7	4633.4	5043.5	5428.4	5827.1	6271.3	6449.0	6469.5
10°	3444.3	3590.1	3774.6	4059.4	4282.6	4710.9	5207.5	5701.8	5900.0	5934.2
12.5°	3025.2	3212.0	3458.0	3663.0	3877.1	4250.7	4726.8	5337.3	5594.7	5749.6
15°	2622.0	2815.6	3086.7	3371.4	3560.5	4007.0	4567.4	5255.3	5590.2	5726.9
17.5°	2207.4	2387.3	2610.6	2918.1	3298.5	3799.7	4542.3	5528.7	5895.4	6054.9
20°	1852.0	1952.2	2211.9	2528.6	3004.7	3587.8	4551.4	5931.9	6469.5	6540.1
22.5°	1713.0	1735.8	1838.3	2129.9	2651.6	3371.4	4713.2	6503.7	7114.2	7346.5
25°	1606.0	1601.4	1628.8	1824.7	2394.2	3287.1	4872.6	7029.9	7829.4	8082.3
27.5°	1546.8	1501.2	1503.5	1688.0	2211.9	3150.5	5077.6	7633.5	8640.4	8752.0
30°	1517.1	1508.0	1480.7	1555.9	2013.7	2945.4	5111.8	8228.1	9118.8	9280.5
32.5°	1498.9	1410.1	1375.9	1403.2	1826.9	2722.2	5239.4	8619.9	9711.1	9640.4
35°	1407.8	1328.1	1305.3	1332.6	1694.8	2596.9	5155.1	8961.6	10155.3	10273.7
37.5°	1373.6	1303.0	1257.4	1234.7	1571.8	2492.1	5111.8	9487.8	10585.8	10870.6
40°	1341.7	1266.6	1211.9	1189.1	1476.1	2353.2	5098.1	9893.3	11082.4	11253.3
42.5°	1305.3	1257.4	1195.9	1154.9	1360.0	2214.2	4941.0	10018.6	11235.0	11419.6
44°	1293.9	1221.0	1157.2	1143.5	1314.4	2143.6	4909.1	10132.5	11367.2	11647.4
45°	1282.5	1214.2	1141.3	1123.0	1298.5	2104.9	4865.8	10159.8	11585.8	11638.2
47.5°	1250.6	1207.3	1136.7	1086.6	1264.3	2020.6	4735.9	10004.9	11362.6	11371.7
50°	1225.6	1175.4	1102.5	1004.6	1218.7	1950.0	4795.2	9948.0	10825.0	10845.5
52.5°	1198.2	1123.0	1082.0	913.5	1143.5	1890.7	4920.5	10205.4	10886.5	10881.9
55°	1166.3	1084.3	984.1	836.0	1018.3	1815.6	5223.4	10713.4	11456.0	11533.5
57.5°	1116.2	1045.6	902.1	767.7	874.7	1672.0	5125.5	9740.7	10540.2	10553.9
60°	1050.2	984.1	817.8	715.3	717.6	1319.0	4583.3	7590.3	8316.9	8515.1
62.5°	986.4	949.9	747.2	640.1	610.5	1050.2	3874.9	6307.7	7139.2	7303.2
65°	911.2	822.4	685.7	583.2	523.9	735.8	2745.0	4713.2	5569.7	5790.6
67.5°	815.5	719.8	603.7	512.5	448.8	492.0	1416.9	2678.9	3546.8	3676.7
70°	713.0	624.2	508.0	432.8	362.2	339.4	624.2	1278.0	1938.6	2073.0
72.5°	585.4	503.4	405.5	341.7	271.1	234.6	209.6	341.7	688.0	799.6
75°	423.7	366.8	305.3	243.7	191.4	150.3	123.0	102.5	113.9	123.0
77.5°	312.1	266.5	225.5	173.1	134.4	107.1	84.3	63.8	61.5	59.2
80°	243.7	216.4	180.0	139.0	104.8	79.7	59.2	43.3	38.7	38.7
82.5°	191.4	177.7	148.1	113.9	86.6	63.8	43.3	29.6	25.1	25.1
85°	72.9	72.9	107.1	93.4	66.1	45.6	29.6	15.9	13.7	13.7
87.5°	18.2	18.2	18.2	18.2	15.9	13.7	13.7	6.8	4.6	4.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)