

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: P647066

Luminaire Tested: **GALN-SA7C-835-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P647066
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/4/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SA7C-835-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 80 CRI, 3500K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 33050.4 lumens
Efficiency: N/A
Efficacy: 87.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

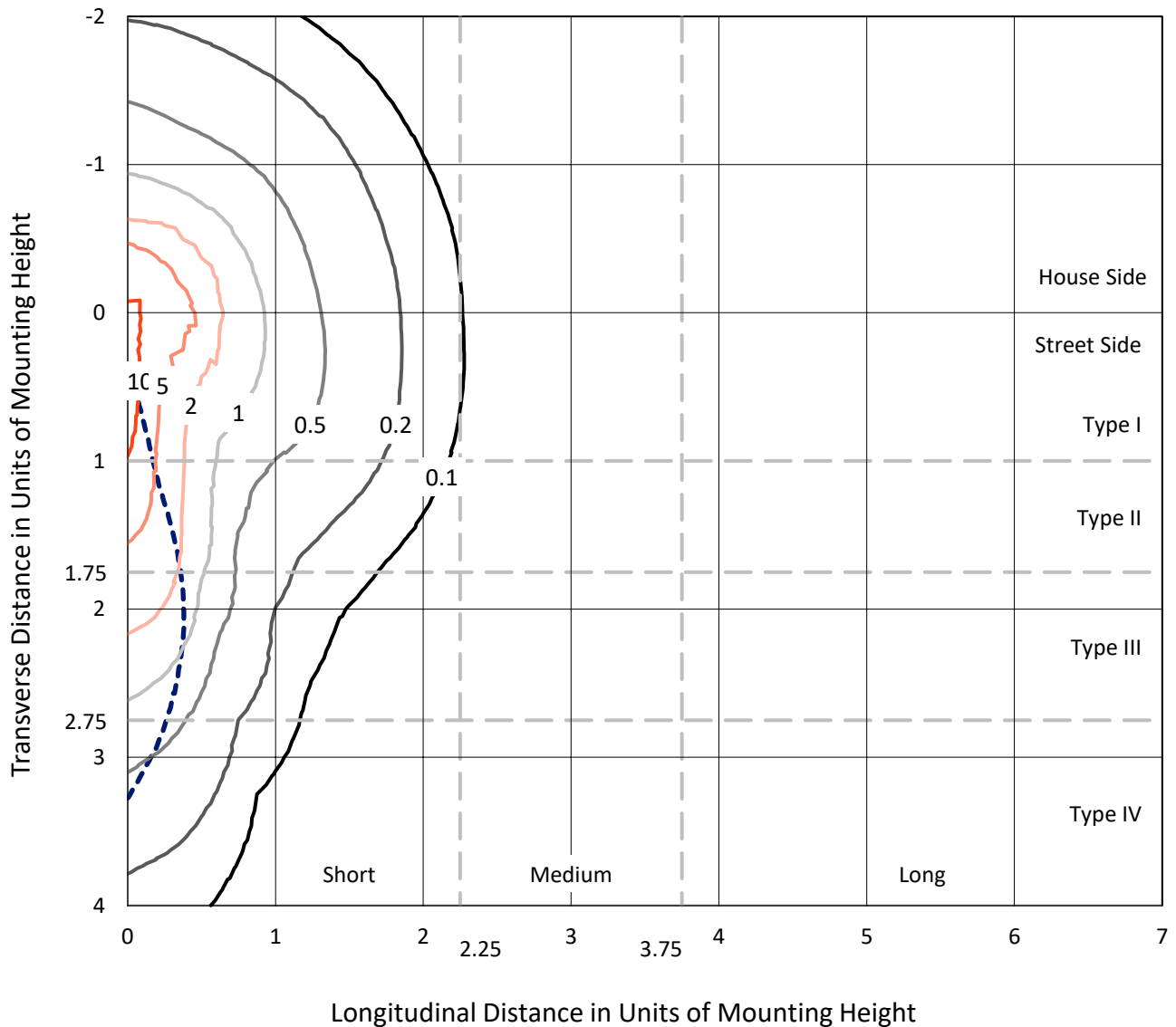
Input Watts (W): 377
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

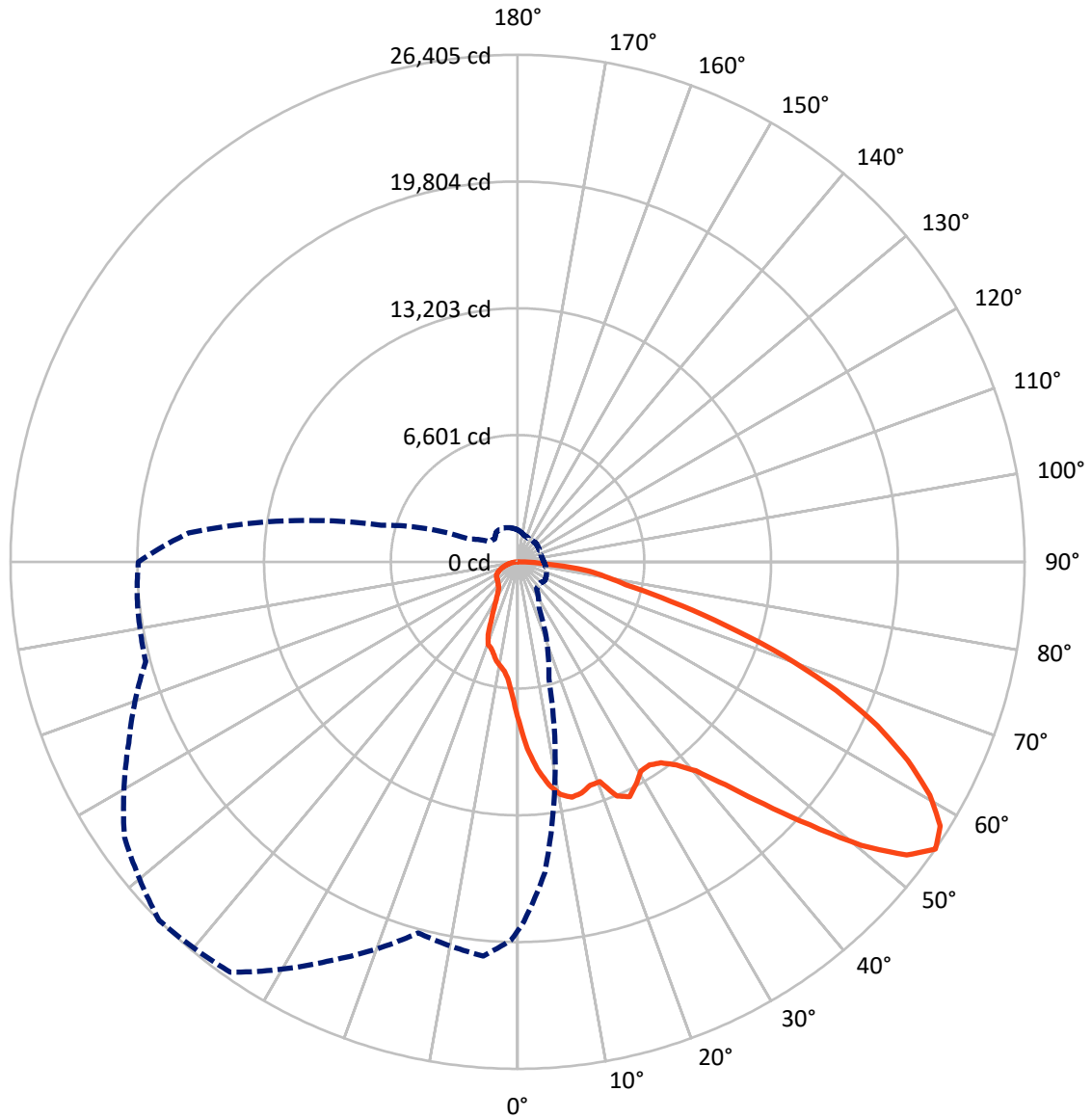
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 14.2 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 55-Deg Vertical

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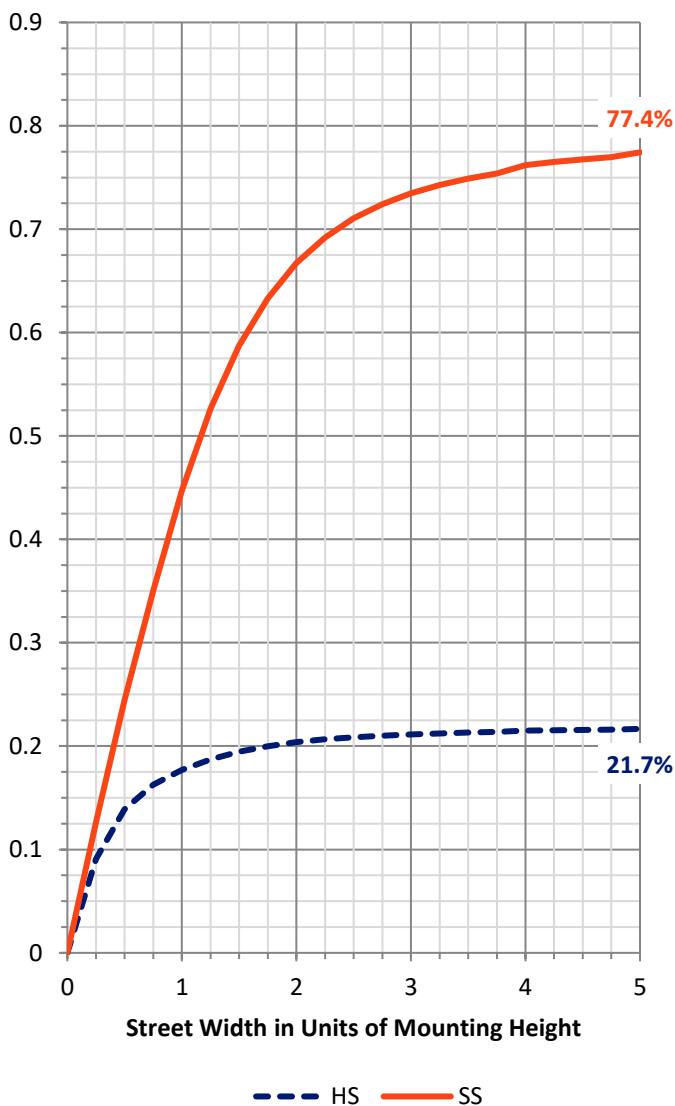
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7229.6	0.0	7229.6
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	25820.8	0.0	25820.8
	% Fixture	78.1	0.0	78.1
Total	Lumens	33050.4	0.0	33050.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	703.0	2.1
10°-20°	1865.0	5.6
20°-30°	3221.9	9.7
30°-40°	3744.3	11.3
40°-50°	5224.1	15.8
50°-60°	7088.5	21.4
60°-70°	6743.9	20.4
70°-80°	3643.2	11.0
80°-90°	816.5	2.5
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°	33050.4	100.0
0°-180°	33050.4	100.0

Coefficient of Utilization

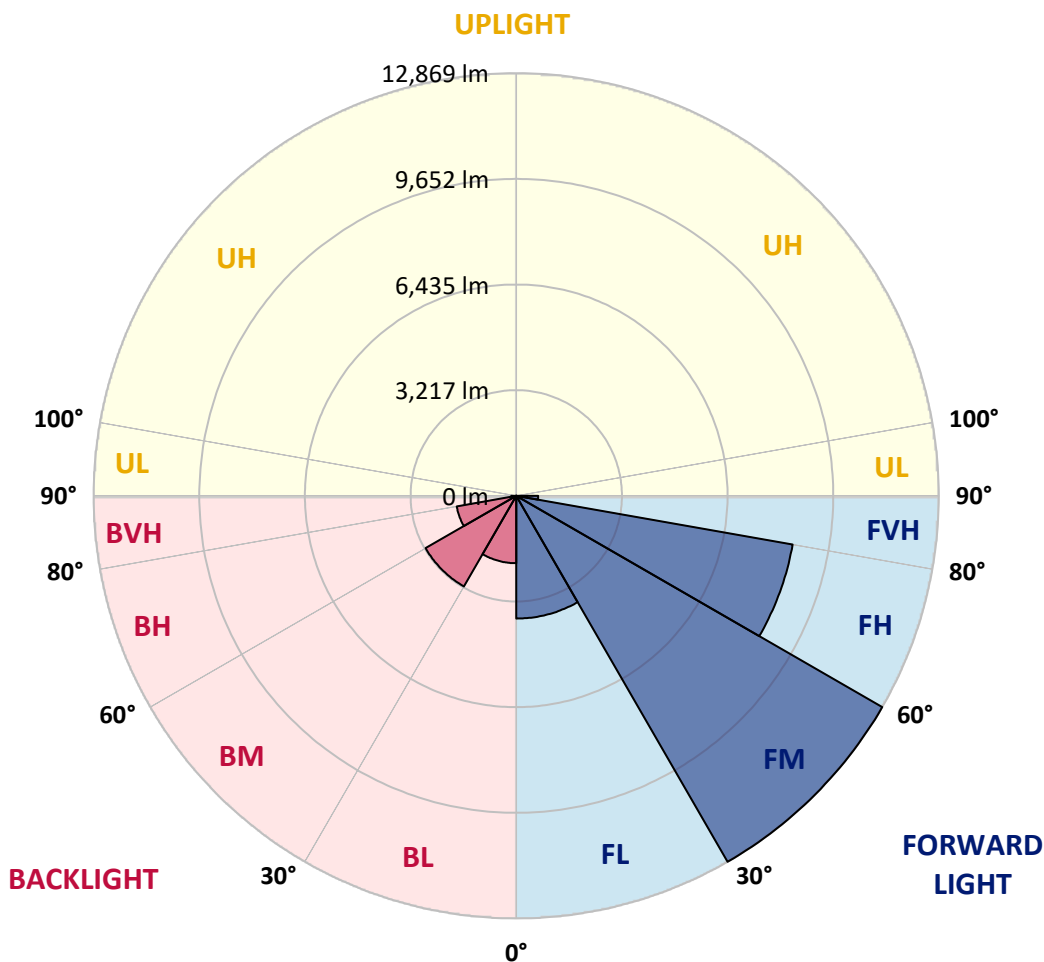


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3738.1	11.3			
FM	(30°-60°)	12869.1	38.9			
FH	(60°-80°)	8546.3	25.9			G4/12000
FVH	(80°-90°)	667.3	2.0			G4/750
BL	(0°-30°)	2051.8	6.2	B3/2500		
BM	(30°-60°)	3187.8	9.6	B3/5000		
BH	(60°-80°)	1840.8	5.6	B3/2500		G3/2500
BVH	(80°-90°)	149.2	0.5			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4
 Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	8294.4	8294.4	8294.4	8294.4	8294.4	8294.4	8294.4	8294.4	8294.4	8294.4	8294.4
2.5°	9214.5	9179.7	9081.5	8824.2	8564.8	8300.9	8098.1	7845.2	7581.4	7439.7	7258.6
5°	9341.0	9301.7	9070.6	8490.6	7965.1	7413.4	6973.0	6587.1	6430.1	6198.9	6013.6
7.5°	9044.4	9027.0	8680.3	7847.4	7127.8	6406.1	5906.8	5597.2	5315.9	5211.3	5233.0
10°	8774.1	8704.3	8270.4	7182.4	6342.8	5756.4	5398.8	5095.7	4897.3	4844.9	4855.9
12.5°	8549.5	8455.7	7943.3	6735.4	6000.5	5531.7	5076.0	4759.9	4578.9	4629.1	4799.2
15°	8503.7	8377.2	7806.0	6582.8	5813.1	5209.1	4709.7	4345.6	4210.4	4319.4	4592.0
17.5°	8800.2	8641.0	8041.4	6632.9	5634.2	4879.8	4267.1	3850.6	3737.3	3911.7	4267.1
20°	9753.0	9517.6	8776.3	6922.9	5616.8	4716.2	4009.8	3591.2	3639.1	3970.6	4341.3
22.5°	11514.9	11161.7	10062.7	7345.9	5708.4	4674.8	3957.5	3739.5	4003.2	4284.6	4528.8
25°	11863.7	11586.8	10293.8	7441.8	5688.7	4646.5	4105.7	4214.8	4509.1	4648.7	4563.6
27.5°	12060.0	11743.8	10278.6	6966.5	5086.9	4214.8	3924.8	4105.7	4179.9	4044.7	3813.6
30°	12517.9	12188.6	10538.0	6467.2	4188.6	3126.8	2740.8	2666.7	2716.9	2743.0	2660.2
32.5°	13148.0	12823.1	11026.4	6140.1	3621.7	2586.0	2206.6	2102.0	2077.9	2049.6	2016.9
35°	13963.5	13464.2	11506.1	5930.8	3388.4	2391.9	2043.1	1962.4	1929.7	1890.4	1855.6
37.5°	14792.0	14268.8	12112.3	5710.6	3233.6	2256.8	1934.0	1897.0	1840.3	1798.9	1748.7
40°	15672.9	15086.5	12663.9	5518.7	3083.1	2169.5	1855.6	1851.2	1777.0	1729.1	1670.2
42.5°	16436.1	15832.1	13156.7	5400.9	2967.6	2077.9	1807.6	1820.6	1744.4	1672.4	1596.1
45°	17042.2	16449.2	13612.5	5400.9	2873.8	1986.4	1798.9	1790.2	1713.8	1624.4	1537.2
47.5°	17574.3	16961.6	14057.3	5538.3	2815.0	1910.1	1750.9	1766.1	1687.7	1574.3	1489.3
50°	17986.4	17445.6	14656.9	5752.0	2756.1	1849.0	1689.9	1772.7	1665.8	1548.1	1450.0
52.5°	18511.8	18027.8	15378.6	6044.1	2705.9	1781.4	1635.3	1772.7	1663.6	1550.3	1443.5
55°	19240.1	18729.9	16248.6	6286.2	2625.2	1718.2	1587.4	1722.5	1657.1	1539.4	1426.0
57.5°	19750.4	19368.8	16863.5	6447.5	2509.7	1637.5	1543.8	1674.6	1628.8	1498.0	1373.7
58°	19774.4	19401.5	16952.9	6484.6	2481.3	1622.2	1532.9	1652.8	1615.7	1480.5	1356.2
60°	19499.6	19179.1	16970.3	6432.3	2320.0	1546.0	1476.2	1563.3	1546.0	1378.0	1262.5
62.5°	18501.0	18158.6	16266.0	6007.1	2106.3	1452.2	1389.0	1443.5	1404.2	1234.1	1127.3
65°	17081.5	16451.4	14818.2	5339.9	1953.7	1351.8	1271.2	1275.6	1234.1	1112.0	1018.3
67.5°	15191.1	14486.8	12546.2	4500.4	1838.1	1240.7	1131.7	1120.7	1070.6	992.1	915.8
70°	12864.5	12382.7	10195.7	3660.9	1709.4	1118.6	974.7	968.1	937.6	878.7	811.1
72.5°	10426.8	9814.1	8233.3	2930.5	1552.5	1000.8	828.6	841.6	802.4	761.0	699.9
75°	7694.8	7293.6	6364.7	2350.5	1341.0	872.2	691.2	695.5	678.1	634.5	586.5
77.5°	5067.3	4947.4	4552.8	1543.8	1031.4	693.3	564.7	569.1	556.0	516.8	466.6
80°	3410.2	3329.6	3085.3	994.3	689.0	501.5	436.1	440.4	438.2	396.8	329.3
82.5°	2102.0	2067.0	1988.6	671.6	477.6	359.8	287.8	300.9	324.9	279.1	224.6
85°	992.1	994.3	1201.4	366.3	281.3	231.1	157.0	167.9	167.9	167.9	126.5
87.5°	128.6	135.2	165.7	154.8	102.5	87.2	56.7	48.0	41.4	54.5	39.2
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°	8294.4	8294.4	8294.4	8294.4	8294.4	8294.4	8294.4	8294.4	8294.4	8294.4	8294.4
2.5°	7195.5	7151.8	7058.0	7036.3	7023.2	7060.2	6962.1	6988.3	6944.7	7066.8	7047.2
5°	6024.6	6028.9	6105.2	6155.4	6172.8	6155.4	6089.9	5976.6	5889.3	5854.5	5863.2
7.5°	5191.6	5267.9	5398.8	5544.8	5677.8	5717.1	5680.0	5464.2	5228.6	5080.4	5032.4
10°	4914.7	5017.2	5167.6	5283.2	5400.9	5494.7	5514.3	5346.4	5067.3	4716.2	4578.9
12.5°	4929.9	5069.5	5213.4	5250.5	5239.6	5276.6	5259.2	5230.8	5047.7	4600.8	4371.8
15°	4786.1	4951.8	5052.1	5032.4	4997.6	4964.8	4919.0	4847.1	4781.7	4467.7	4214.8
17.5°	4454.6	4624.7	4707.6	4714.1	4714.1	4705.4	4594.2	4568.0	4559.3	4406.6	4251.8
20°	4515.6	4609.4	4572.4	4511.3	4528.8	4587.6	4522.2	4509.1	4559.3	4626.9	4598.6
22.5°	4550.6	4517.8	4238.8	3968.4	3907.3	4090.5	4127.6	4273.6	4476.4	4720.6	4879.8
25°	4334.7	4070.9	3571.6	3266.3	3094.0	3264.1	3486.5	3756.9	4059.9	4373.9	4559.3
27.5°	3623.9	3423.3	3065.7	2790.9	2640.5	2666.7	2856.4	3102.8	3384.0	3595.5	3730.7
30°	2729.9	2640.5	2455.2	2361.4	2269.8	2248.0	2328.7	2422.4	2546.7	2572.9	2607.8
32.5°	2010.4	1997.3	2008.2	1977.6	1960.2	1958.0	1934.0	1955.9	1968.9	1984.2	1953.7
35°	1818.5	1801.1	1770.5	1761.8	1750.9	1755.3	1744.4	1733.4	1742.2	1755.3	1763.9
37.5°	1720.3	1694.2	1650.6	1635.3	1635.3	1641.9	1624.4	1620.0	1635.3	1676.7	1698.6
40°	1644.1	1613.5	1563.3	1543.8	1556.8	1574.3	1550.3	1541.6	1578.6	1622.2	1657.1
42.5°	1572.1	1548.1	1500.1	1478.3	1489.3	1521.9	1487.1	1480.5	1528.5	1576.4	1617.9
45°	1511.0	1487.1	1443.5	1432.6	1436.9	1467.4	1443.5	1443.5	1489.3	1541.6	1578.6
47.5°	1463.0	1432.6	1404.2	1395.5	1399.8	1417.3	1412.9	1412.9	1456.5	1511.0	1548.1
50°	1415.1	1389.0	1351.8	1356.2	1367.1	1391.1	1389.0	1395.5	1439.1	1506.6	1546.0
52.5°	1393.3	1354.0	1312.6	1317.0	1349.7	1378.0	1369.3	1375.9	1426.0	1552.5	1609.1
55°	1369.3	1317.0	1269.0	1275.6	1312.6	1354.0	1343.2	1351.8	1410.7	1583.0	1661.5
57.5°	1323.5	1262.5	1210.1	1214.5	1269.0	1312.6	1295.2	1306.0	1375.9	1550.3	1633.2
58°	1303.9	1251.5	1201.4	1203.6	1255.9	1303.9	1284.3	1293.0	1364.9	1541.6	1620.0
60°	1221.0	1190.6	1146.9	1149.1	1199.2	1240.7	1229.8	1238.5	1308.2	1478.3	1537.2
62.5°	1107.6	1090.2	1079.3	1079.3	1109.8	1149.1	1160.0	1170.9	1234.1	1336.6	1389.0
65°	985.6	985.6	987.8	987.8	1007.3	1057.5	1064.0	1092.4	1151.2	1201.4	1240.7
67.5°	902.7	898.3	902.7	891.8	900.5	931.1	963.7	989.9	1050.9	1085.9	1098.9
70°	795.8	793.6	795.8	780.6	791.5	817.7	839.5	883.1	946.3	972.5	979.0
72.5°	691.2	691.2	695.5	684.7	684.7	713.0	728.3	776.3	835.1	850.3	852.5
75°	582.2	588.7	588.7	573.5	577.8	595.2	614.9	654.1	708.6	719.6	719.6
77.5°	462.3	486.2	486.2	471.0	477.6	479.7	505.9	525.5	566.9	571.3	553.8
80°	335.8	359.8	379.4	366.3	377.2	364.1	379.4	392.4	433.9	414.3	385.9
82.5°	239.8	257.3	272.6	274.8	263.9	239.8	259.5	261.7	281.3	255.1	239.8
85°	133.0	148.3	167.9	159.2	141.7	126.5	133.0	137.3	135.2	128.6	120.0
87.5°	34.9	37.0	41.4	30.5	28.3	24.0	32.7	32.7	37.0	39.2	37.0
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	8294.4	8294.4	8294.4	8294.4	8294.4	8294.4	8294.4	8294.4	8294.4	8294.4	8294.4
2.5°	7062.4	7158.3	7365.5	7522.5	7714.4	7947.7	8222.4	8499.3	8798.0	8891.8	9022.7
5°	5843.5	6083.4	6183.7	6469.4	6752.8	7178.0	7631.5	8157.0	8732.6	9009.5	9275.6
7.5°	4993.2	5121.8	5226.5	5435.8	5776.0	6292.7	6861.8	7518.1	8333.6	8737.0	9127.3
10°	4535.3	4548.4	4677.0	4936.5	5233.0	5688.7	6227.4	6962.1	7871.3	8362.0	8819.9
12.5°	4232.2	4175.5	4315.1	4585.5	4921.2	5342.1	5837.0	6537.0	7537.8	8041.4	8595.3
15°	3966.2	3876.8	3981.5	4258.4	4589.8	5084.8	5616.8	6358.1	7406.9	7993.5	8608.4
17.5°	3972.8	3726.4	3763.4	3996.7	4326.0	4829.6	5475.0	6351.6	7605.4	8281.3	9009.5
20°	4463.3	4068.7	3900.8	3944.4	4262.7	4812.2	5540.5	6656.8	8257.3	9242.8	10021.3
22.5°	4945.2	4707.6	4437.2	4347.8	4522.2	5097.9	5956.9	7378.6	9674.6	11159.5	12565.8
25°	4777.3	4980.1	4912.5	4786.1	4825.3	5302.8	6240.4	7971.6	10775.7	12448.1	13769.4
27.5°	3822.3	4190.8	4264.9	4262.7	4278.0	4670.5	5612.5	7572.6	10913.1	12694.5	13957.0
30°	2686.3	2719.0	2758.3	2834.5	2904.3	3255.4	4391.4	6648.1	10852.0	12805.7	14070.4
32.5°	1938.4	1982.0	2036.5	2141.2	2306.9	2753.9	3841.9	6353.8	11174.7	13265.7	14401.8
35°	1772.7	1822.8	1875.2	1995.1	2152.1	2566.4	3623.9	6231.7	11704.6	14011.5	14997.0
37.5°	1720.3	1777.0	1822.8	1910.1	2036.5	2431.2	3425.5	6148.8	12247.5	14800.8	15795.1
40°	1683.3	1748.7	1785.8	1855.6	1942.8	2306.9	3248.8	6083.4	12773.0	15522.5	16436.1
42.5°	1650.6	1718.2	1766.1	1816.3	1888.3	2195.7	3091.8	6018.0	13228.7	16222.4	17075.0
45°	1611.3	1696.4	1757.4	1796.7	1859.9	2102.0	2972.0	5965.7	13747.6	16843.8	17720.4
47.5°	1578.6	1672.4	1748.7	1794.5	1818.5	2036.5	2876.0	6037.6	14371.3	17493.6	18320.0
50°	1580.8	1670.2	1766.1	1838.1	1774.9	1982.0	2817.2	6323.3	15182.4	18265.5	18793.2
52.5°	1650.6	1759.6	1835.9	1853.4	1713.8	1916.6	2786.6	6822.6	16141.8	18948.0	19270.6
55°	1729.1	1842.5	1925.3	1914.4	1681.1	1833.7	2780.0	7354.6	17192.7	19743.8	19892.1
57.5°	1700.8	1866.4	1992.9	1936.2	1683.3	1753.1	2751.7	7784.1	18071.4	20339.1	20507.0
58°	1692.0	1857.7	2001.7	1931.9	1676.7	1729.1	2745.2	7821.2	18193.6	20380.5	20594.2
60°	1607.0	1781.4	1995.1	1899.2	1639.7	1663.6	2673.2	7941.1	18160.8	20166.8	20646.5
62.5°	1452.2	1596.1	1844.7	1740.0	1526.3	1576.4	2511.9	7792.9	17275.6	19137.7	19881.2
65°	1277.7	1384.6	1550.3	1530.7	1364.9	1487.1	2291.6	7206.3	15502.9	17467.5	18250.2
67.5°	1146.9	1234.1	1338.8	1310.4	1227.6	1367.1	2054.0	6214.2	13514.3	15461.4	16447.0
70°	1013.9	1081.5	1133.9	1114.2	1088.1	1249.4	1842.5	5043.3	11608.6	13555.8	14510.8
72.5°	878.7	941.9	985.6	957.2	941.9	1125.1	1670.2	3913.9	9168.7	11183.4	12411.0
75°	734.8	798.0	828.6	795.8	787.1	992.1	1415.1	2924.0	6879.3	8621.5	9681.1
77.5°	569.1	636.7	676.0	665.0	669.4	815.5	1142.6	2001.7	4919.0	5876.3	6992.7
80°	399.0	473.2	499.3	488.4	519.0	621.4	806.7	1271.2	3392.7	3813.6	4600.8
82.5°	246.4	316.2	320.6	331.4	353.2	460.1	608.3	774.1	2130.3	2202.3	2773.5
85°	124.3	150.4	161.4	178.8	198.4	281.3	346.7	479.7	1371.5	1037.9	1550.3
87.5°	41.4	43.6	52.3	65.4	80.6	115.6	148.3	196.2	340.1	187.5	479.7
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°	8294.4	8294.4	8294.4	8294.4	8294.4	8294.4	8294.4	8294.4	8294.4	8294.4
2.5°	9286.5	9471.8	9607.0	9731.3	9611.3	9600.4	9482.7	9293.0	9214.5	9214.5
5°	9833.8	10267.6	10618.7	10843.3	10747.4	10516.2	10134.7	9648.4	9386.8	9341.0
7.5°	9984.2	10841.1	11493.0	11724.2	11562.9	11052.6	10322.1	9502.3	9127.3	9044.4
10°	9892.7	11006.8	11964.0	12330.4	12105.7	11333.9	10337.4	9332.3	8870.0	8774.1
12.5°	9796.7	11028.6	12051.2	12581.1	12435.0	11560.7	10448.7	9221.1	8686.8	8549.5
15°	9866.4	11037.3	11944.4	12491.7	12585.5	11833.2	10631.8	9301.7	8649.8	8503.7
17.5°	10306.9	11203.1	11791.7	12234.4	12563.6	12203.9	11152.9	9687.7	8981.2	8800.2
20°	11227.0	11599.9	11879.0	12221.3	12751.2	12960.5	12219.2	10747.4	9912.2	9753.0
22.5°	13891.5	13823.9	13252.7	13246.2	14013.7	14853.1	14802.9	12901.6	11645.7	11514.9
25°	14890.2	14576.2	13749.8	13549.2	13887.2	15182.4	14994.8	13342.1	12182.1	11863.7
27.5°	14499.9	13721.4	13178.5	13132.7	13021.5	14244.8	14696.1	13520.8	12369.6	12060.0
30°	14475.9	13331.2	12554.9	12646.5	12753.3	13922.1	14861.8	14081.2	12849.3	12517.9
32.5°	14534.8	13385.7	12600.7	12618.2	12936.5	13970.1	15045.0	14691.7	13479.4	13148.0
35°	14772.5	13695.3	12892.9	12851.5	13348.6	14284.0	15356.8	15651.2	14340.7	13963.5
37.5°	15156.2	14312.4	13427.1	13416.2	14137.9	14850.9	15744.9	16619.3	15197.6	14792.0
40°	15720.9	15034.1	14377.8	14318.9	15210.7	15773.2	16248.6	17650.6	16194.1	15672.9
42.5°	16403.4	15899.8	15631.5	15864.8	16721.7	16809.0	17033.5	18603.5	17042.2	16436.1
45°	17035.7	17011.8	17384.6	18003.8	18503.2	17979.9	17853.4	19242.3	17700.7	17042.2
47.5°	17788.0	18437.8	19562.9	20469.9	20993.2	19342.6	18553.3	19658.8	18180.5	17574.3
50°	18551.1	20145.0	21941.7	23206.3	23317.6	20823.1	19035.2	20051.3	18616.5	17986.4
52.5°	19353.5	21507.8	23899.7	25369.4	25153.5	22111.8	19501.8	20317.3	19065.7	18511.8
55°	20051.3	22342.9	24994.3	26405.0	26088.9	22896.7	20005.5	20605.1	19706.8	19240.1
57.5°	20441.5	22412.7	24721.7	25953.7	25611.4	22744.1	20236.6	20818.8	20116.7	19750.4
58°	20498.2	22318.9	24479.7	25692.0	25343.2	22615.5	20234.4	20810.0	20142.8	19774.4
60°	20448.1	21710.6	23579.2	24658.5	24292.2	21808.7	20151.5	20646.5	19811.4	19499.6
62.5°	19983.6	20655.2	22024.5	22809.5	22704.9	20548.4	19811.4	20029.5	18801.9	18501.0
65°	19373.1	19216.2	20033.8	20589.8	20668.3	19604.3	19473.4	18695.1	17506.7	17081.5
67.5°	18631.8	17585.2	17583.0	17899.1	18030.0	18152.1	18769.1	17245.0	15640.3	15191.1
70°	17373.7	15071.2	14377.8	14750.6	14641.6	15672.9	17511.1	15208.5	13390.0	12864.5
72.5°	15066.8	11959.7	10849.8	11329.5	11054.8	12291.1	15321.9	12515.7	11072.2	10426.8
75°	12212.6	8946.3	7801.6	8242.0	8071.9	9323.5	12749.0	9090.2	7941.1	7694.8
77.5°	9482.7	6482.5	5817.4	5756.4	5882.8	6938.2	9351.8	6137.9	5235.2	5067.3
80°	6092.1	4640.0	4679.2	4600.8	4666.1	4373.9	5677.8	3916.1	3545.3	3410.2
82.5°	4009.8	3233.6	3855.0	3558.5	3379.7	2941.4	3724.2	2564.2	2176.0	2102.0
85°	2732.0	2381.0	2167.3	1657.1	1951.5	2265.5	2793.1	1380.2	1094.6	992.1
87.5°	1234.1	828.6	608.3	375.1	593.0	684.7	1356.2	161.4	124.3	128.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)