

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: P652621

Luminaire Tested: **GALN-SA9B-840-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P652621
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-SA9B-840-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 80 CRI, 4000K, 800mA 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: 37395.1 lumens
Efficiency: N/A
Efficacy: 102.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

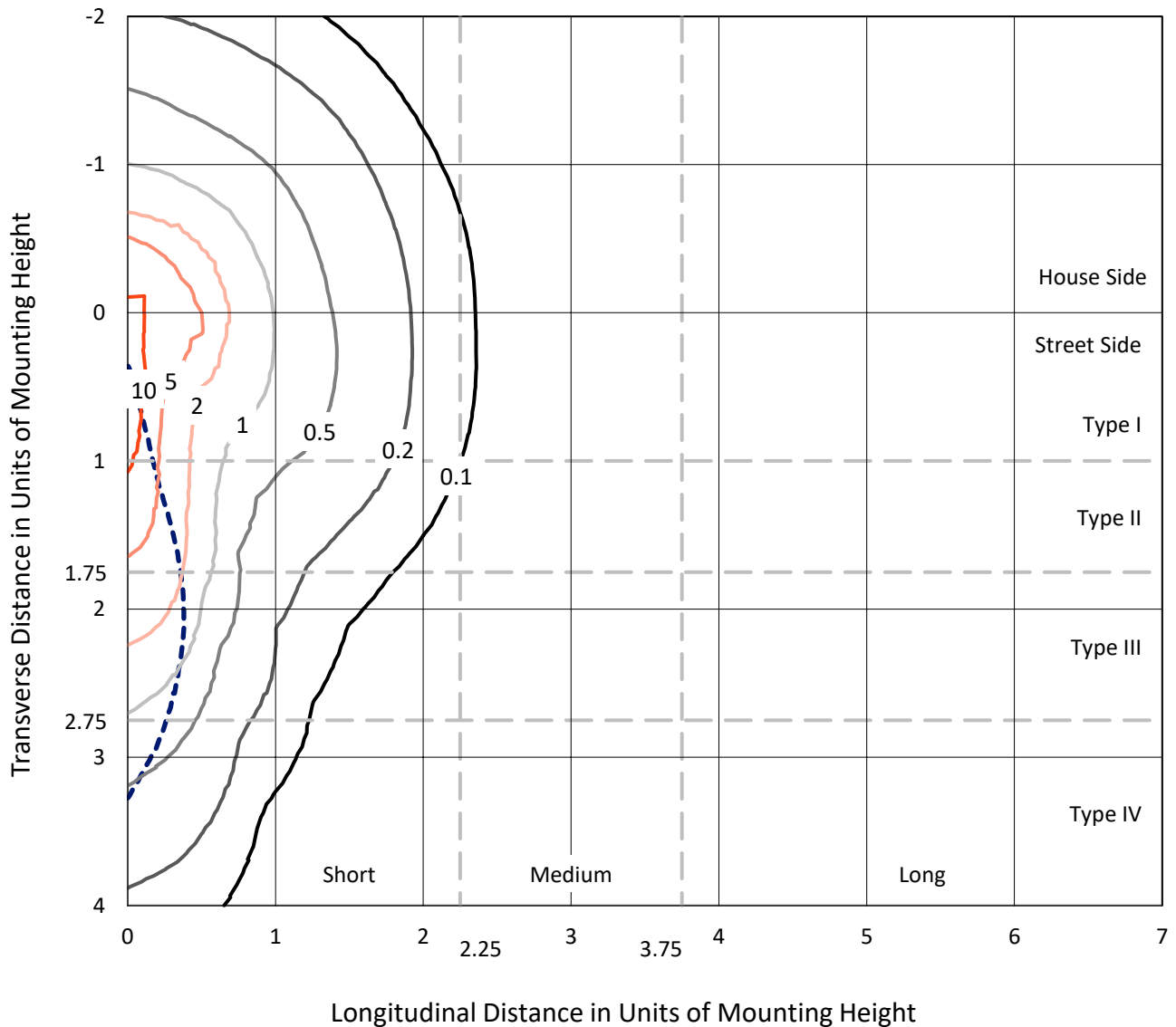
Input Watts (W): 364
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

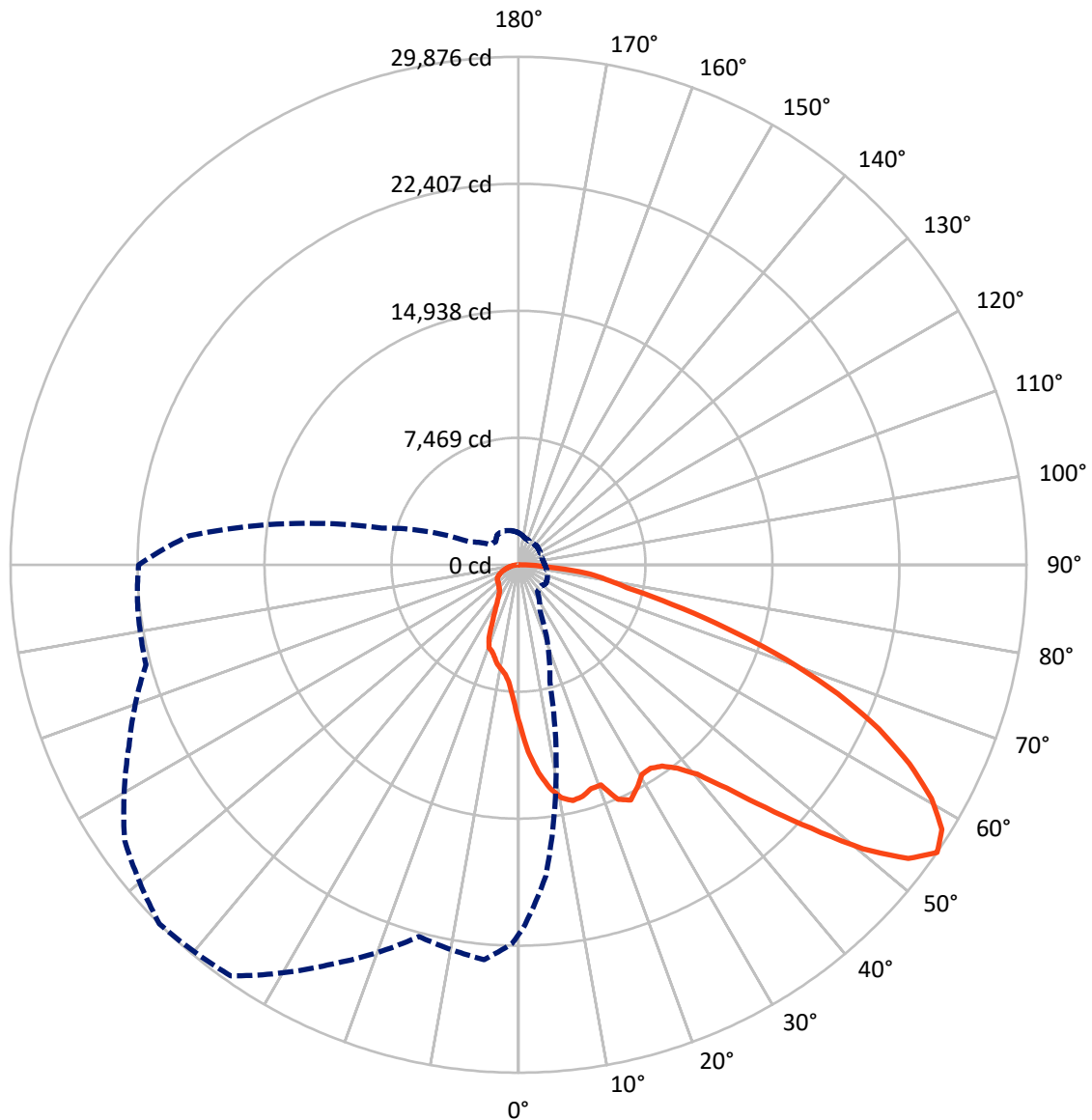
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 16.1 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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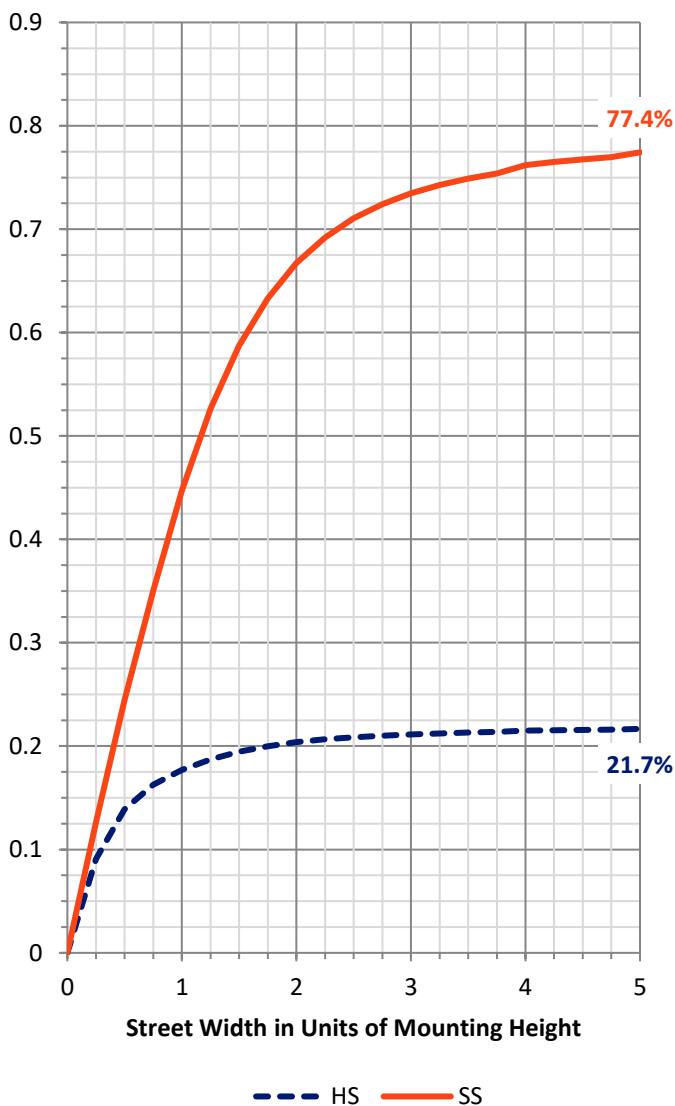
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8180.0	0.0	8180.0
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	29215.1	0.0	29215.1
	% Fixture	78.1	0.0	78.1
Total	Lumens	37395.1	0.0	37395.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	795.4	2.1
10°-20°	2110.2	5.6
20°-30°	3645.4	9.7
30°-40°	4236.5	11.3
40°-50°	5910.8	15.8
50°-60°	8020.3	21.4
60°-70°	7630.4	20.4
70°-80°	4122.2	11.0
80°-90°	923.8	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°	37395.1	100.0
0°-180°	37395.1	100.0

Coefficient of Utilization

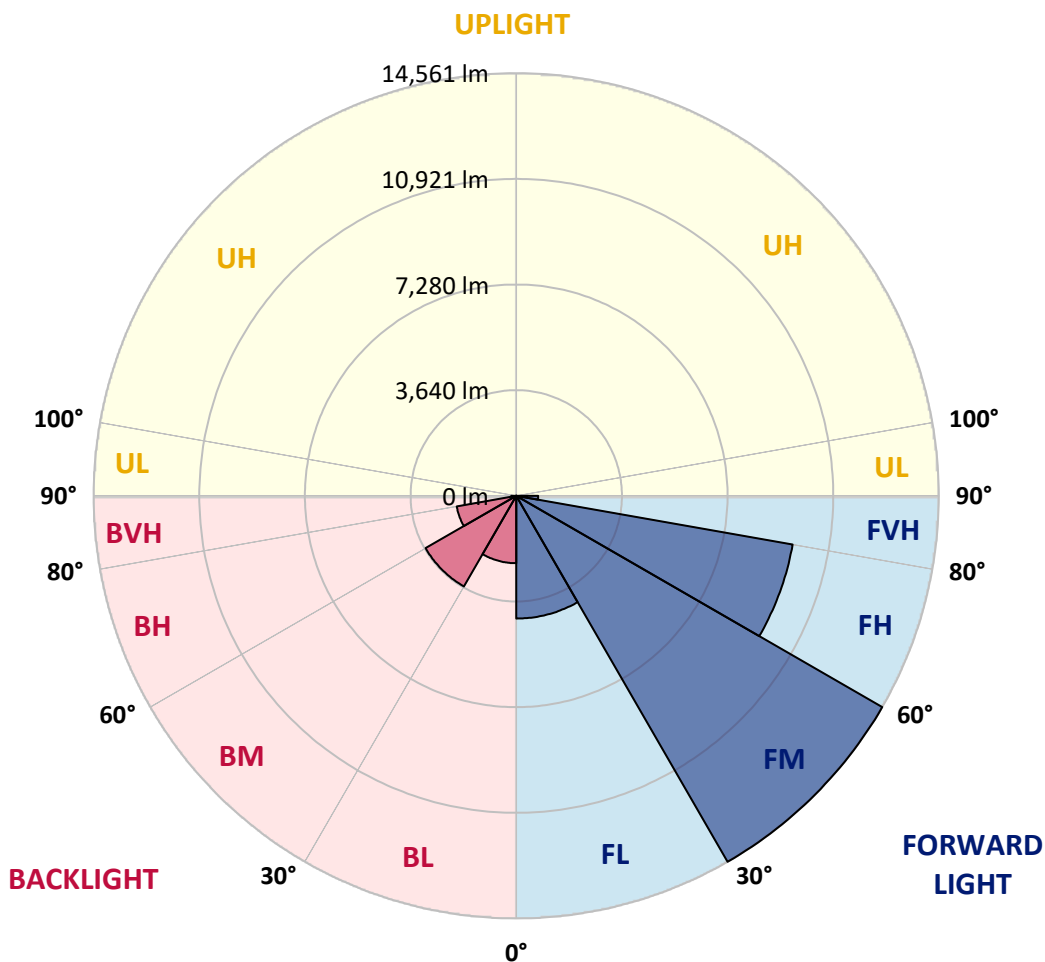


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4229.5	11.3			
FM	(30°-60°)	14560.9	38.9			
FH	(60°-80°)	9669.7	25.9			G4/12000
FVH	(80°-90°)	755.0	2.0			G5
BL	(0°-30°)	2321.5	6.2	B3/2500		
BM	(30°-60°)	3606.9	9.6	B3/5000		
BH	(60°-80°)	2082.8	5.6	B3/2500		G3/2500
BVH	(80°-90°)	168.8	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-G5
 Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	9384.7	9384.7	9384.7	9384.7	9384.7	9384.7	9384.7	9384.7	9384.7	9384.7	9384.7
2.5°	10425.8	10386.4	10275.3	9984.2	9690.6	9392.1	9162.7	8876.5	8577.9	8417.7	8212.9
5°	10568.9	10524.4	10263.0	9606.7	9012.2	8388.0	7889.7	7453.0	7275.3	7013.9	6804.2
7.5°	10233.4	10213.6	9821.4	8878.9	8064.9	7248.2	6683.3	6333.0	6014.7	5896.3	5921.0
10°	9927.4	9848.5	9357.6	8126.5	7176.7	6513.0	6108.4	5765.6	5541.0	5481.8	5494.2
12.5°	9673.4	9567.3	8987.5	7620.7	6789.4	6259.0	5743.4	5385.6	5180.8	5237.6	5430.0
15°	9621.5	9478.5	8832.1	7448.1	6577.2	5893.8	5328.8	4916.8	4763.9	4887.2	5195.6
17.5°	9957.0	9777.0	9098.5	7504.8	6374.9	5521.2	4828.0	4356.8	4228.5	4425.9	4828.0
20°	11035.2	10768.8	9929.9	7832.9	6355.2	5336.2	4536.9	4063.3	4117.5	4492.5	4911.9
22.5°	13028.5	12628.9	11385.5	8311.5	6458.8	5289.4	4477.7	4231.0	4529.5	4847.8	5124.0
25°	13423.3	13109.9	11647.0	8420.1	6436.6	5257.3	4645.5	4768.8	5101.8	5259.8	5163.6
27.5°	13645.3	13287.6	11629.7	7882.3	5755.6	4768.8	4440.7	4645.5	4729.4	4576.4	4314.9
30°	14163.4	13790.9	11923.3	7317.3	4739.2	3537.8	3101.1	3017.3	3073.9	3103.5	3009.9
32.5°	14876.4	14508.8	12475.9	6947.2	4097.8	2925.9	2496.7	2378.3	2351.1	2319.1	2282.1
35°	15799.0	15234.1	13018.7	6710.4	3833.8	2706.3	2311.7	2220.3	2183.3	2138.9	2099.5
37.5°	16736.6	16144.4	13704.5	6461.2	3658.7	2553.4	2188.3	2146.3	2082.2	2035.3	1978.6
40°	17733.2	17069.6	14328.7	6244.2	3488.4	2454.7	2099.5	2094.5	2010.7	1956.4	1889.7
42.5°	18596.7	17913.3	14886.3	6110.9	3357.7	2351.1	2045.2	2060.0	1973.7	1892.2	1805.9
45°	19282.5	18611.5	15401.8	6110.9	3251.6	2247.5	2035.3	2025.5	1939.1	1837.9	1739.3
47.5°	19884.5	19191.3	15905.2	6266.4	3185.0	2161.1	1981.1	1998.3	1909.5	1781.2	1685.0
50°	20350.8	19738.9	16583.6	6508.1	3118.3	2092.1	1912.0	2005.7	1884.8	1751.6	1640.6
52.5°	20945.4	20397.7	17400.2	6838.7	3061.7	2015.6	1850.3	2005.7	1882.3	1754.1	1633.2
55°	21769.4	21192.0	18384.5	7112.5	2970.3	1944.1	1796.0	1949.0	1874.9	1741.7	1613.5
57.5°	22346.6	21914.9	19080.3	7295.1	2839.6	1852.7	1746.7	1894.7	1842.9	1694.9	1554.3
58°	22373.8	21952.0	19181.4	7337.1	2807.5	1835.5	1734.3	1870.0	1828.1	1675.1	1534.5
60°	22063.0	21700.2	19201.1	7277.8	2624.9	1749.1	1670.2	1768.9	1749.1	1559.2	1428.4
62.5°	20933.0	20545.7	18404.3	6796.8	2383.1	1643.1	1571.5	1633.2	1588.8	1396.4	1275.5
65°	19326.9	18613.9	16766.2	6041.8	2210.5	1529.6	1438.3	1443.2	1396.4	1258.2	1152.1
67.5°	17188.0	16391.2	14195.5	5092.0	2079.7	1403.8	1280.4	1268.1	1211.3	1122.5	1036.2
70°	14555.7	14010.5	11536.0	4142.2	1934.2	1265.6	1102.8	1095.4	1060.8	994.2	917.8
72.5°	11797.5	11104.2	9315.6	3315.7	1756.5	1132.4	937.5	952.3	907.9	861.0	791.9
75°	8706.3	8252.3	7201.3	2659.5	1517.2	986.8	782.0	787.0	767.2	717.9	663.6
77.5°	5733.4	5597.8	5151.2	1746.7	1166.9	784.5	639.0	643.9	629.1	584.7	528.0
80°	3858.5	3767.2	3490.9	1125.0	779.6	567.4	493.4	498.4	495.9	449.0	372.6
82.5°	2378.3	2338.7	2249.9	759.8	540.3	407.0	325.6	340.4	367.6	315.8	254.1
85°	1122.5	1125.0	1359.4	414.4	318.2	261.5	177.6	190.0	190.0	190.0	143.1
87.5°	145.6	153.0	187.5	175.2	116.0	98.6	64.2	54.2	46.8	61.6	44.4
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°	9384.7	9384.7	9384.7	9384.7	9384.7	9384.7	9384.7	9384.7	9384.7	9384.7	9384.7
2.5°	8141.3	8091.9	7985.9	7961.2	7946.4	7988.3	7877.3	7906.9	7857.6	7995.7	7973.5
5°	6816.5	6821.4	6907.8	6964.5	6984.3	6964.5	6890.5	6762.2	6663.5	6624.1	6633.9
7.5°	5874.0	5960.4	6108.4	6273.8	6424.2	6468.6	6426.7	6182.4	5916.0	5748.2	5694.0
10°	5560.8	5676.7	5847.0	5977.7	6110.9	6217.0	6239.2	6049.2	5733.4	5336.2	5180.8
12.5°	5578.0	5736.0	5898.8	5940.7	5928.4	5970.3	5950.6	5918.5	5711.2	5205.5	4946.4
15°	5415.2	5602.7	5716.2	5694.0	5654.5	5617.5	5565.7	5484.2	5410.2	5055.0	4768.8
17.5°	5040.2	5232.6	5326.4	5333.8	5333.8	5324.0	5198.1	5168.5	5158.6	4986.0	4810.8
20°	5109.2	5215.4	5173.4	5104.4	5124.0	5190.7	5116.6	5101.8	5158.6	5235.1	5203.0
22.5°	5148.8	5111.8	4796.0	4490.0	4421.0	4628.2	4670.2	4835.4	5064.8	5341.2	5521.2
25°	4904.5	4606.0	4041.0	3695.7	3500.7	3693.2	3944.8	4250.8	4593.6	4948.9	5158.6
27.5°	4100.3	3873.3	3468.7	3157.9	2987.7	3017.3	3231.9	3510.6	3828.9	4068.2	4221.1
30°	3088.7	2987.7	2777.9	2671.9	2568.2	2543.5	2634.9	2740.9	2881.5	2911.1	2950.6
32.5°	2274.7	2259.9	2272.1	2237.6	2217.9	2215.4	2188.3	2212.9	2227.7	2245.0	2210.5
35°	2057.5	2037.8	2003.3	1993.4	1981.1	1986.0	1973.7	1961.3	1971.2	1986.0	1995.9
37.5°	1946.5	1916.9	1867.5	1850.3	1850.3	1857.7	1837.9	1833.0	1850.3	1897.2	1921.9
40°	1860.1	1825.6	1768.9	1746.7	1761.5	1781.2	1754.1	1744.2	1786.1	1835.5	1874.9
42.5°	1778.7	1751.6	1697.3	1672.7	1685.0	1722.0	1682.5	1675.1	1729.4	1783.7	1830.5
45°	1709.7	1682.5	1633.2	1620.9	1625.8	1660.3	1633.2	1633.2	1685.0	1744.2	1786.1
47.5°	1655.4	1620.9	1588.8	1578.9	1583.9	1603.6	1598.7	1598.7	1648.0	1709.7	1751.6
50°	1601.1	1571.5	1529.6	1534.5	1546.9	1574.0	1571.5	1578.9	1628.3	1704.7	1749.1
52.5°	1576.5	1532.0	1485.2	1490.1	1527.1	1559.2	1549.3	1556.7	1613.5	1756.5	1820.7
55°	1549.3	1490.1	1435.8	1443.2	1485.2	1532.0	1519.7	1529.6	1596.2	1791.1	1879.9
57.5°	1497.5	1428.4	1369.2	1374.2	1435.8	1485.2	1465.4	1477.8	1556.7	1754.1	1847.8
58°	1475.3	1416.1	1359.4	1361.8	1421.0	1475.3	1453.1	1463.0	1544.4	1744.2	1833.0
60°	1381.6	1347.0	1297.7	1300.1	1356.9	1403.8	1391.4	1401.3	1480.2	1672.7	1739.3
62.5°	1253.3	1233.5	1221.2	1221.2	1255.7	1300.1	1312.5	1324.8	1396.4	1512.3	1571.5
65°	1115.1	1115.1	1117.6	1117.6	1139.8	1196.5	1203.9	1236.0	1302.6	1359.4	1403.8
67.5°	1021.4	1016.4	1021.4	1009.0	1018.9	1053.4	1090.4	1120.0	1189.1	1228.6	1243.4
70°	900.5	898.0	900.5	883.2	895.6	925.2	949.8	999.2	1070.7	1100.3	1107.7
72.5°	782.0	782.0	787.0	774.6	774.6	806.7	824.0	878.3	944.9	962.2	964.6
75°	658.7	666.1	666.1	648.8	653.8	673.5	695.7	740.1	801.8	814.2	814.2
77.5°	523.0	550.2	550.2	532.9	540.3	542.8	572.4	594.6	641.4	646.4	626.6
80°	380.0	407.0	429.2	414.4	426.8	412.0	429.2	444.0	491.0	468.8	436.6
82.5°	271.4	291.2	308.4	310.8	298.6	271.4	293.6	296.0	318.2	288.6	271.4
85°	150.5	167.8	190.0	180.1	160.4	143.1	150.5	155.4	153.0	145.6	135.7
87.5°	39.4	42.0	46.8	34.6	32.0	27.2	37.0	37.0	42.0	44.4	42.0
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°	9384.7	9384.7	9384.7	9384.7	9384.7	9384.7	9384.7	9384.7	9384.7	9384.7	9384.7
2.5°	7990.8	8099.3	8333.7	8511.3	8728.5	8992.5	9303.3	9616.6	9954.6	10060.7	10208.7
5°	6611.7	6883.1	6996.6	7319.8	7640.5	8121.5	8634.7	9229.3	9880.6	10193.9	10494.8
7.5°	5649.6	5795.2	5913.6	6150.4	6535.2	7119.9	7763.9	8506.5	9429.1	9885.5	10327.1
10°	5131.4	5146.3	5291.8	5585.4	5921.0	6436.6	7045.9	7877.3	8906.1	9461.2	9979.2
12.5°	4788.6	4724.4	4882.3	5188.2	5568.2	6044.3	6604.3	7396.3	8528.7	9098.5	9725.2
15°	4487.6	4386.4	4504.8	4818.2	5193.2	5753.2	6355.2	7193.9	8380.6	9044.3	9740.0
17.5°	4495.0	4216.2	4258.2	4522.1	4894.6	5464.6	6194.8	7186.5	8605.1	9369.9	10193.9
20°	5050.0	4603.5	4413.6	4462.9	4823.1	5444.8	6268.8	7531.9	9342.8	10457.8	11338.6
22.5°	5595.3	5326.4	5020.4	4919.3	5116.6	5768.0	6740.0	8348.5	10946.4	12626.4	14217.7
25°	5405.4	5634.8	5558.3	5415.2	5459.6	5999.9	7060.7	9019.6	12192.2	14084.5	15579.5
27.5°	4324.8	4741.7	4825.6	4823.1	4840.4	5284.4	6350.2	8568.1	12347.6	14363.3	15791.6
30°	3039.5	3076.5	3120.9	3207.2	3286.1	3683.3	4968.6	7522.1	12278.6	14489.1	15920.0
32.5°	2193.2	2242.5	2304.3	2422.7	2610.1	3115.9	4347.0	7189.0	12643.7	15009.6	16295.0
35°	2005.7	2062.5	2121.7	2257.3	2434.9	2903.7	4100.3	7050.9	13243.1	15853.4	16968.4
37.5°	1946.5	2010.7	2062.5	2161.1	2304.3	2750.7	3875.7	6957.1	13857.5	16746.4	17871.4
40°	1904.6	1978.6	2020.5	2099.5	2198.1	2610.1	3675.9	6883.1	14452.1	17563.0	18596.7
42.5°	1867.5	1944.1	1998.3	2055.1	2136.5	2484.3	3498.3	6809.1	14967.7	18354.9	19319.5
45°	1823.1	1919.4	1988.5	2032.9	2104.4	2378.3	3362.6	6749.9	15554.8	19058.1	20049.8
47.5°	1786.1	1892.2	1978.6	2030.4	2057.5	2304.3	3254.1	6831.3	16260.4	19793.3	20728.2
50°	1788.6	1889.7	1998.3	2079.7	2008.2	2242.5	3187.5	7154.5	17178.2	20666.6	21263.6
52.5°	1867.5	1990.9	2077.3	2097.0	1939.1	2168.5	3152.9	7719.5	18263.7	21438.8	21803.9
55°	1956.4	2084.7	2178.4	2166.1	1902.1	2074.8	3145.5	8321.4	19452.8	22339.2	22507.0
57.5°	1924.3	2111.8	2254.9	2190.7	1904.6	1983.5	3113.5	8807.4	20447.0	23012.8	23202.7
58°	1914.5	2101.9	2264.7	2185.8	1897.2	1956.4	3106.1	8849.3	20585.2	23059.6	23301.4
60°	1818.2	2015.6	2257.3	2148.8	1855.2	1882.3	3024.7	8985.1	20548.2	22817.8	23360.6
62.5°	1643.1	1805.9	2087.1	1968.7	1726.9	1783.7	2842.1	8817.3	19546.5	21653.4	22494.6
65°	1445.7	1566.6	1754.1	1731.9	1544.4	1682.5	2592.9	8153.7	17540.8	19763.7	20649.3
67.5°	1297.7	1396.4	1514.8	1482.7	1389.0	1546.9	2323.9	7031.1	15290.8	17493.9	18609.1
70°	1147.2	1223.7	1282.9	1260.7	1231.1	1413.6	2084.7	5706.4	13134.7	15337.7	16418.3
72.5°	994.2	1065.8	1115.1	1083.0	1065.8	1273.0	1889.7	4428.4	10374.0	12653.5	14042.5
75°	831.4	903.0	937.5	900.5	890.6	1122.5	1601.1	3308.3	7783.5	9754.8	10953.8
77.5°	643.9	720.4	764.8	752.4	757.4	922.7	1292.7	2264.7	5565.7	6648.7	7911.9
80°	451.4	535.4	565.0	552.6	587.2	703.1	912.8	1438.3	3838.7	4314.9	5205.5
82.5°	278.8	357.8	362.6	375.0	399.6	520.6	688.3	875.8	2410.3	2491.7	3138.1
85°	140.6	170.2	182.6	202.3	224.5	318.2	392.2	542.8	1551.8	1174.3	1754.1
87.5°	46.8	49.4	59.2	74.0	91.2	130.8	167.8	222.0	384.8	212.2	542.8
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	9384.7	9384.7	9384.7	9384.7	9384.7	9384.7	9384.7	9384.7	9384.7	9384.7
2.5°	10507.2	10716.9	10869.8	11010.5	10874.8	10862.4	10729.2	10514.6	10425.8	10425.8
5°	11126.4	11617.4	12014.6	12268.7	12160.1	11898.6	11466.9	10916.8	10620.7	10568.9
7.5°	11296.6	12266.2	13003.9	13265.4	13082.8	12505.5	11679.1	10751.4	10327.1	10233.4
10°	11193.0	12453.7	13536.7	13951.3	13697.1	12823.8	11696.4	10559.0	10036.0	9927.4
12.5°	11084.5	12478.4	13635.5	14234.9	14069.7	13080.3	11822.2	10433.2	9828.8	9673.4
15°	11163.4	12488.3	13514.5	14133.8	14239.9	13388.7	12029.4	10524.4	9786.8	9621.5
17.5°	11661.8	12675.7	13341.9	13842.7	14215.2	13808.1	12619.0	10961.2	10161.8	9957.0
20°	12702.9	13124.7	13440.5	13827.9	14427.4	14664.2	13825.5	12160.1	11215.2	11035.2
22.5°	15717.6	15641.2	14994.8	14987.4	15855.8	16805.6	16748.9	14597.6	13176.5	13028.5
25°	16847.6	16492.3	15557.3	15330.3	15712.7	17178.2	16966.0	15096.0	13783.5	13423.3
27.5°	16406.0	15525.2	14910.9	14859.1	14733.3	16117.3	16628.0	15298.2	13995.7	13645.3
30°	16378.8	15083.6	14205.3	14308.9	14429.9	15752.2	16815.5	15932.2	14538.4	14163.4
32.5°	16445.4	15145.3	14257.1	14276.9	14637.1	15806.4	17022.7	16623.0	15251.4	14876.4
35°	16714.4	15495.6	14587.7	14540.9	15103.4	16161.7	17375.5	17708.6	16225.8	15799.0
37.5°	17148.6	16193.8	15192.2	15179.8	15996.4	16803.2	17814.7	18803.9	17195.4	16736.6
40°	17787.5	17010.4	16267.8	16201.2	17210.2	17846.7	18384.5	19970.9	18322.9	17733.2
42.5°	18559.7	17989.8	17686.4	17950.3	18919.9	19018.5	19272.7	21049.0	19282.5	18596.7
45°	19275.1	19248.1	19669.9	20370.5	20935.5	20343.4	20200.3	21771.8	20027.6	19282.5
47.5°	20126.3	20861.5	22134.4	23160.8	23752.9	21885.3	20992.2	22243.0	20570.4	19884.5
50°	20989.8	22793.2	24826.1	26256.9	26382.8	23560.4	21537.4	22687.1	21063.8	20350.8
52.5°	21897.6	24335.1	27041.4	28704.3	28460.0	25018.5	22065.4	22988.1	21572.0	20945.4
55°	22687.1	25280.0	28279.9	29876.1	29518.4	25906.6	22635.3	23313.7	22297.3	21769.4
57.5°	23128.7	25358.9	27971.6	29365.4	28978.1	25733.9	22896.8	23555.5	22761.1	22346.6
58°	23192.8	25252.9	27697.7	29069.4	28674.7	25588.4	22894.3	23545.6	22790.7	22373.8
60°	23136.1	24564.5	26678.8	27900.0	27485.6	24675.5	22800.6	23360.6	22415.7	22063.0
62.5°	22610.6	23370.5	24919.8	25807.9	25689.5	23249.6	22415.7	22662.4	21273.4	20933.0
65°	21919.8	21742.2	22667.4	23296.5	23385.3	22181.4	22033.4	21152.6	19808.1	19326.9
67.5°	21081.0	19896.9	19894.4	20252.1	20400.1	20538.3	21236.4	19512.0	17696.2	17188.0
70°	19657.5	17052.4	16267.8	16689.6	16566.4	17733.2	19813.0	17207.8	15150.2	14555.7
72.5°	17047.4	13531.9	12276.1	12818.9	12508.0	13906.9	17336.0	14160.9	12527.7	11797.5
75°	13818.1	10122.4	8827.1	9325.5	9133.1	10549.2	14424.9	10285.2	8985.1	8706.3
77.5°	10729.2	7334.6	6582.1	6513.0	6656.1	7850.2	10581.2	6944.8	5923.4	5733.4
80°	6893.0	5249.9	5294.3	5205.5	5279.5	4948.9	6424.2	4430.8	4011.4	3858.5
82.5°	4536.9	3658.7	4361.8	4026.2	3823.9	3328.1	4213.7	2901.3	2462.1	2378.3
85°	3091.3	2694.1	2452.3	1874.9	2208.0	2563.3	3160.3	1561.7	1238.5	1122.5
87.5°	1396.4	937.5	688.3	424.4	671.0	774.6	1534.5	182.6	140.6	145.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)