

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: P459369

Luminaire Tested: **GALN-SA8B-735-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P459369
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-SA8B-735-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 70 CRI, 3500K, 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: 36895 lumens
Efficiency: N/A
Efficacy: 113.5 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

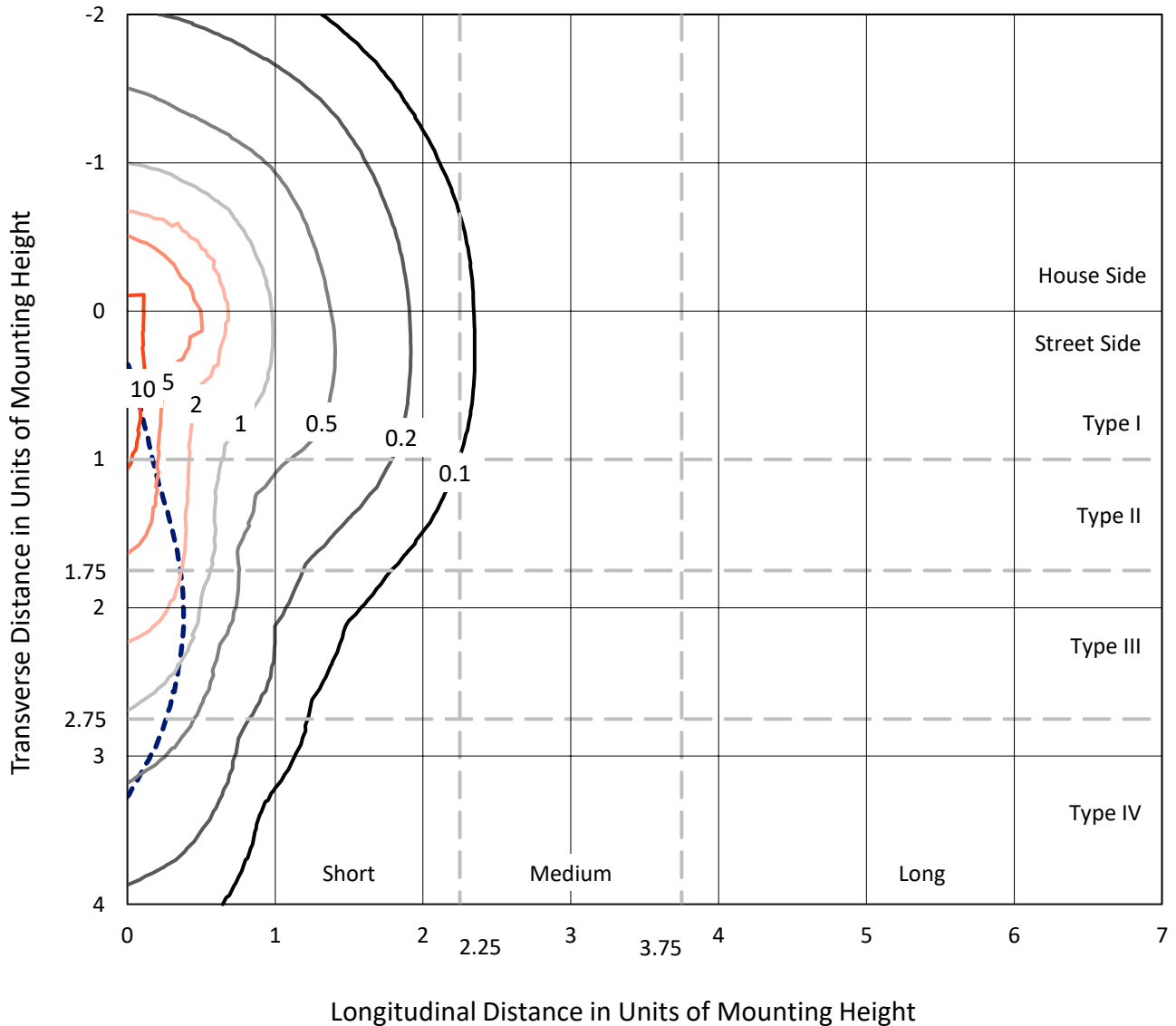
Input Watts (W): 325
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

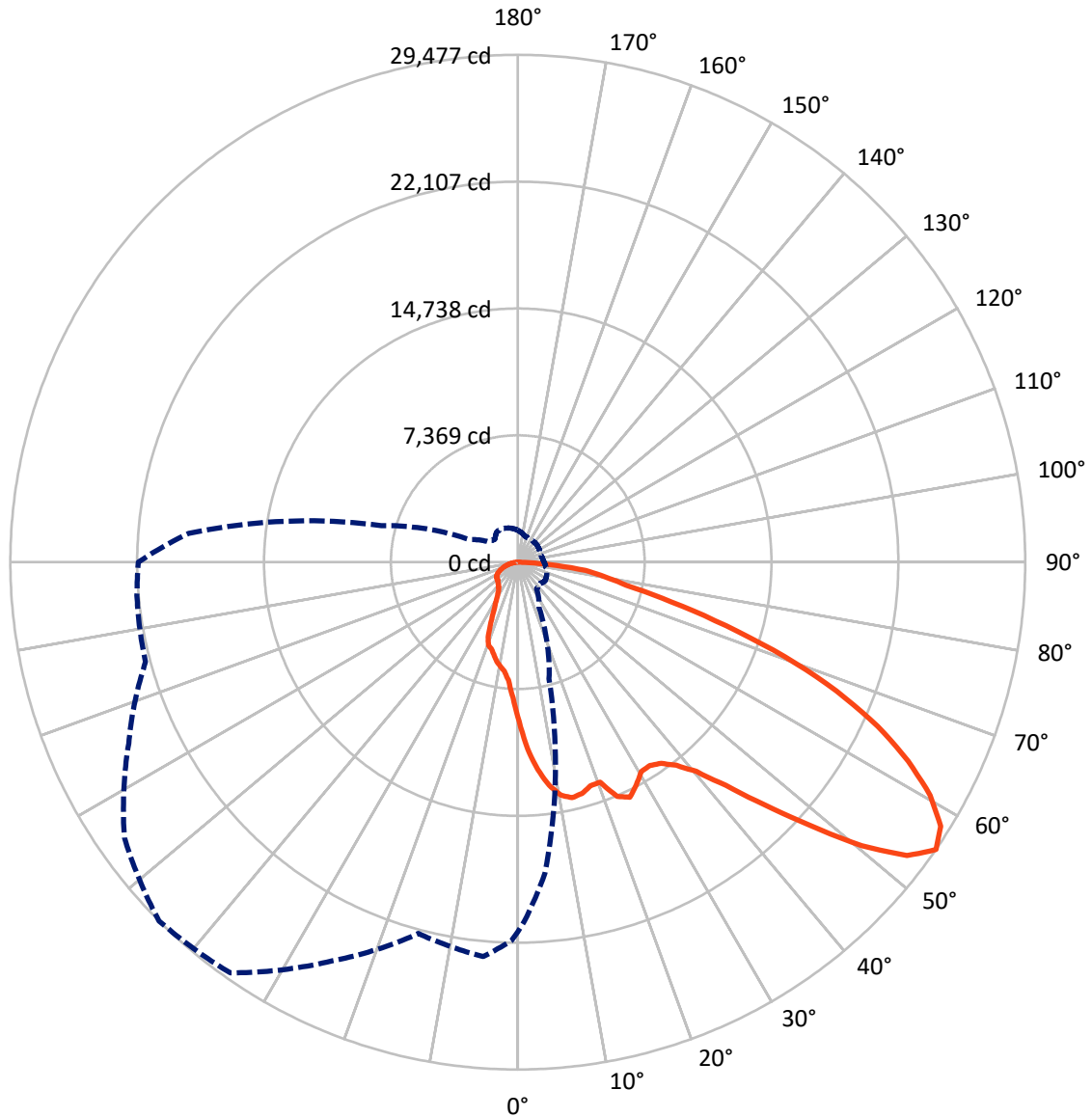
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 15.9 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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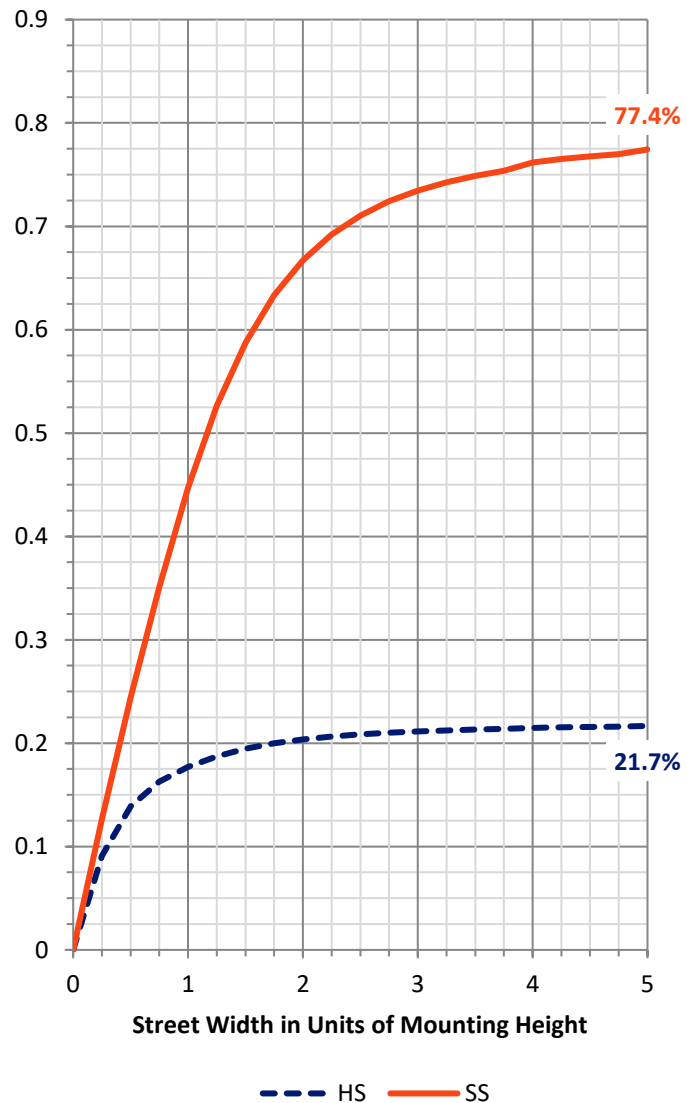
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8070.6	0.0	8070.6
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	28824.4	0.0	28824.4
	% Fixture	78.1	0.0	78.1
Total	Lumens	36895.0	0.0	36895.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	784.8	2.1
10°-20°	2081.9	5.6
20°-30°	3596.7	9.7
30°-40°	4179.9	11.3
40°-50°	5831.8	15.8
50°-60°	7913.1	21.4
60°-70°	7528.4	20.4
70°-80°	4067.0	11.0
80°-90°	911.5	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°	36895.0	100.0
0°-180°	36895.0	100.0



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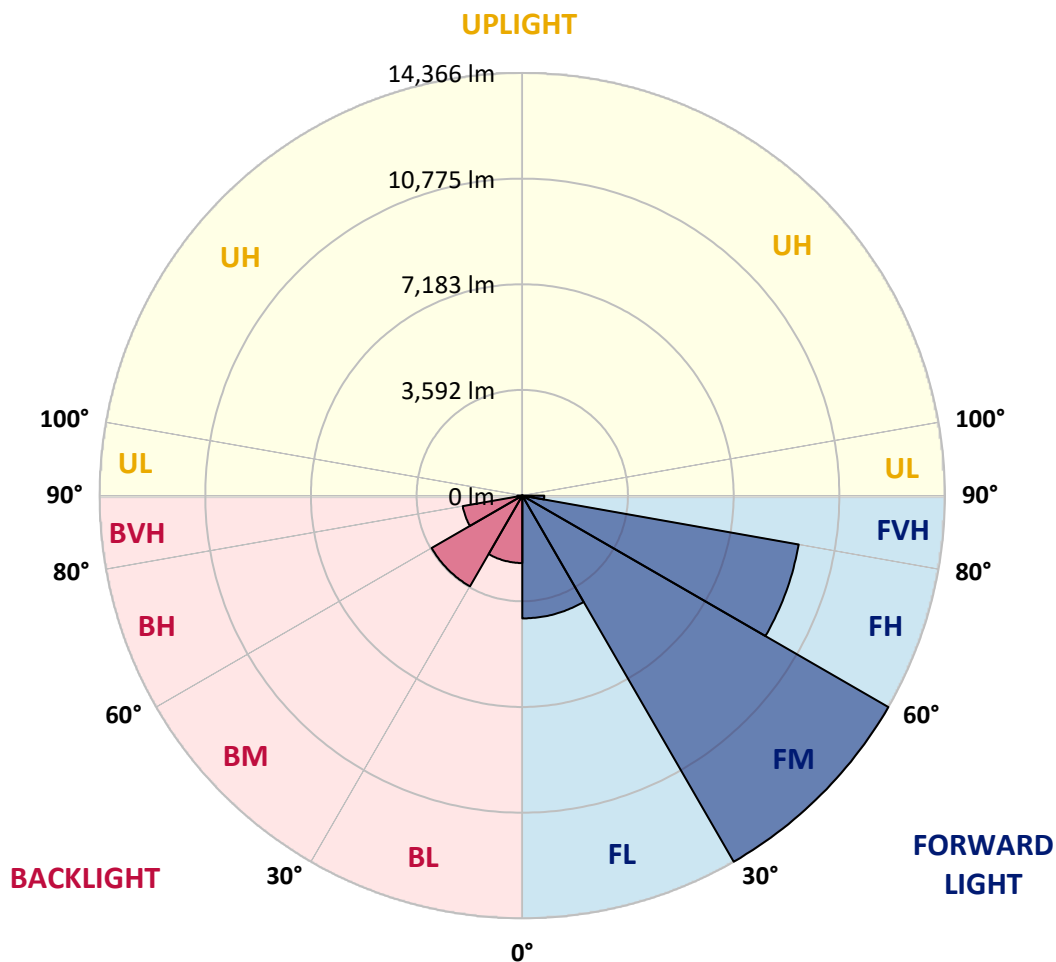
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4172.9	11.3			
FM	(30°-60°)	14366.1	38.9			
FH	(60°-80°)	9540.4	25.9			G4/12000
FVH	(80°-90°)	744.9	2.0			G4/750
BL	(0°-30°)	2290.5	6.2	B3/2500		
BM	(30°-60°)	3558.6	9.6	B3/5000		
BH	(60°-80°)	2055.0	5.6	B3/2500		G3/2500
BVH	(80°-90°)	166.6	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°	9259.2	9259.2	9259.2	9259.2	9259.2	9259.2	9259.2	9259.2	9259.2	9259.2	9259.2
2.5°	10286.4	10247.4	10137.9	9850.7	9561.0	9266.5	9040.1	8757.8	8463.3	8305.0	8103.0
5°	10427.6	10383.7	10125.7	9478.3	8891.7	8275.8	7784.2	7353.3	7178.1	6920.1	6713.2
7.5°	10096.5	10077.1	9690.0	8760.2	7957.0	7151.3	6593.9	6248.3	5934.3	5817.4	5841.8
10°	9794.7	9716.8	9232.4	8017.8	7080.7	6425.9	6026.8	5688.4	5466.9	5408.5	5420.7
12.5°	9544.0	9439.3	8867.3	7518.8	6698.6	6175.2	5666.5	5313.6	5111.5	5167.5	5357.4
15°	9492.9	9351.7	8714.0	7348.5	6489.2	5815.0	5257.6	4851.1	4700.2	4821.9	5126.2
17.5°	9823.9	9646.2	8976.9	7404.4	6289.6	5447.4	4763.5	4298.6	4172.0	4366.7	4763.5
20°	10887.6	10624.7	9797.1	7728.2	6270.2	5264.9	4476.3	4008.9	4062.5	4432.4	4846.2
22.5°	12854.3	12460.0	11233.2	8200.4	6372.4	5218.6	4417.8	4174.4	4469.0	4782.9	5055.6
25°	13243.8	12934.7	11491.2	8307.5	6350.5	5187.0	4583.4	4705.1	5033.7	5189.4	5094.5
27.5°	13462.8	13109.9	11474.2	7776.9	5678.7	4705.1	4381.3	4583.4	4666.1	4515.2	4257.2
30°	13974.0	13606.5	11763.9	7219.5	4675.8	3490.5	3059.6	2976.9	3032.9	3062.1	2969.6
32.5°	14677.4	14314.8	12309.1	6854.3	4043.0	2886.8	2463.3	2346.4	2319.7	2288.0	2251.5
35°	15587.8	15030.4	12844.6	6620.7	3782.5	2670.2	2280.7	2190.7	2154.2	2110.3	2071.4
37.5°	16512.7	15928.6	13521.3	6374.8	3609.7	2519.3	2159.0	2117.6	2054.4	2008.1	1952.1
40°	17496.1	16841.3	14137.1	6160.6	3441.8	2421.9	2071.4	2066.5	1983.8	1930.2	1864.5
42.5°	18348.0	17673.8	14687.2	6029.2	3312.8	2319.7	2017.8	2032.4	1947.3	1866.9	1781.7
45°	19024.7	18362.6	15195.9	6029.2	3208.1	2217.4	2008.1	1998.4	1913.2	1813.4	1716.0
47.5°	19618.6	18934.6	15692.5	6182.5	3142.4	2132.2	1954.6	1971.6	1884.0	1757.4	1662.5
50°	20078.6	19475.0	16361.8	6421.1	3076.7	2064.1	1886.4	1978.9	1859.6	1728.2	1618.7
52.5°	20665.3	20124.9	17167.5	6747.2	3020.7	1988.6	1825.6	1978.9	1857.2	1730.6	1611.4
55°	21478.2	20908.7	18138.7	7017.4	2930.6	1918.0	1772.0	1922.9	1849.9	1718.5	1591.9
57.5°	22047.8	21621.8	18825.1	7197.5	2801.6	1828.0	1723.3	1869.4	1818.3	1672.2	1533.5
58°	22074.6	21658.4	18924.9	7238.9	2770.0	1810.9	1711.2	1845.0	1803.6	1652.7	1514.0
60°	21767.9	21410.1	18944.4	7180.5	2589.9	1725.8	1647.9	1745.2	1725.8	1538.3	1409.3
62.5°	20653.1	20270.9	18158.2	6705.9	2351.3	1621.1	1550.5	1611.4	1567.5	1377.7	1258.4
65°	19068.5	18365.1	16541.9	5961.0	2180.9	1509.1	1419.1	1423.9	1377.7	1241.4	1136.7
67.5°	16958.2	16172.0	14005.6	5023.9	2051.9	1385.0	1263.3	1251.1	1195.1	1107.5	1022.3
70°	14361.0	13823.1	11381.7	4086.8	1908.3	1248.7	1088.0	1080.7	1046.7	980.9	905.5
72.5°	11639.7	10955.8	9191.0	3271.4	1733.1	1117.2	924.9	939.6	895.7	849.5	781.3
75°	8589.8	8142.0	7105.1	2623.9	1497.0	973.6	771.6	776.5	757.0	708.3	654.8
77.5°	5656.8	5522.9	5082.3	1723.3	1151.3	774.0	630.4	635.3	620.7	576.9	520.9
80°	3806.9	3716.8	3444.2	1109.9	769.2	559.8	486.8	491.7	489.2	443.0	367.5
82.5°	2346.4	2307.5	2219.9	749.7	533.1	401.6	321.3	335.9	362.7	311.6	250.7
85°	1107.5	1109.9	1341.2	408.9	314.0	258.0	175.3	187.4	187.4	187.4	141.2
87.5°	143.6	150.9	185.0	172.8	114.4	97.4	63.3	53.5	46.2	60.9	43.8
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	9259.2	9259.2	9259.2	9259.2	9259.2	9259.2	9259.2	9259.2	9259.2	9259.2	9259.2
2.5°	8032.4	7983.8	7879.1	7854.7	7840.1	7881.5	7772.0	7801.2	7752.5	7888.8	7866.9
5°	6725.3	6730.2	6815.4	6871.4	6890.9	6871.4	6798.4	6671.8	6574.4	6535.5	6545.2
7.5°	5795.5	5880.7	6026.8	6189.8	6338.3	6382.1	6340.8	6099.8	5836.9	5671.4	5617.8
10°	5486.4	5600.8	5768.7	5897.8	6029.2	6133.9	6155.8	5968.3	5656.8	5264.9	5111.5
12.5°	5503.4	5659.2	5819.9	5861.2	5849.1	5890.5	5871.0	5839.3	5634.9	5135.9	4880.3
15°	5342.8	5527.8	5639.7	5617.8	5578.9	5542.4	5491.3	5410.9	5337.9	4987.4	4705.1
17.5°	4972.8	5162.7	5255.2	5262.5	5262.5	5252.7	5128.6	5099.4	5089.6	4919.3	4746.4
20°	5041.0	5145.6	5104.2	5036.1	5055.6	5121.3	5048.3	5033.7	5089.6	5165.1	5133.5
22.5°	5079.9	5043.4	4731.8	4430.0	4361.9	4566.3	4607.7	4770.8	4997.1	5269.8	5447.4
25°	4838.9	4544.4	3987.0	3646.2	3453.9	3643.8	3892.1	4193.9	4532.2	4882.7	5089.6
27.5°	4045.4	3821.5	3422.3	3115.6	2947.7	2976.9	3188.6	3463.7	3777.7	4013.8	4164.7
30°	3047.5	2947.7	2740.8	2636.1	2533.9	2509.5	2599.6	2704.3	2843.0	2872.2	2911.1
32.5°	2244.2	2229.6	2241.8	2207.7	2188.2	2185.8	2159.0	2183.4	2198.0	2215.0	2180.9
35°	2030.0	2010.5	1976.5	1966.7	1954.6	1959.4	1947.3	1935.1	1944.8	1959.4	1969.2
37.5°	1920.5	1891.3	1842.6	1825.6	1825.6	1832.9	1813.4	1808.5	1825.6	1871.8	1896.1
40°	1835.3	1801.2	1745.2	1723.3	1737.9	1757.4	1730.6	1720.9	1762.3	1810.9	1849.9
42.5°	1755.0	1728.2	1674.6	1650.3	1662.5	1699.0	1660.0	1652.7	1706.3	1759.8	1806.1
45°	1686.8	1660.0	1611.4	1599.2	1604.1	1638.1	1611.4	1611.4	1662.5	1720.9	1762.3
47.5°	1633.3	1599.2	1567.5	1557.8	1562.7	1582.1	1577.3	1577.3	1626.0	1686.8	1728.2
50°	1579.7	1550.5	1509.1	1514.0	1526.2	1552.9	1550.5	1557.8	1606.5	1681.9	1725.8
52.5°	1555.4	1511.6	1465.3	1470.2	1506.7	1538.3	1528.6	1535.9	1591.9	1733.1	1796.3
55°	1528.6	1470.2	1416.6	1423.9	1465.3	1511.6	1499.4	1509.1	1574.8	1767.1	1854.8
57.5°	1477.5	1409.3	1350.9	1355.8	1416.6	1465.3	1445.8	1458.0	1535.9	1730.6	1823.1
58°	1455.6	1397.2	1341.2	1343.6	1402.0	1455.6	1433.7	1443.4	1523.7	1720.9	1808.5
60°	1363.1	1329.0	1280.3	1282.8	1338.7	1385.0	1372.8	1382.6	1460.4	1650.3	1716.0
62.5°	1236.5	1217.0	1204.9	1204.9	1238.9	1282.8	1294.9	1307.1	1377.7	1492.1	1550.5
65°	1100.2	1100.2	1102.6	1102.6	1124.5	1180.5	1187.8	1219.5	1285.2	1341.2	1385.0
67.5°	1007.7	1002.8	1007.7	995.5	1005.3	1039.3	1075.9	1105.1	1173.2	1212.2	1226.8
70°	888.4	886.0	888.4	871.4	883.6	912.8	937.1	985.8	1056.4	1085.6	1092.9
72.5°	771.6	771.6	776.5	764.3	764.3	795.9	813.0	866.5	932.2	949.3	951.7
75°	649.9	657.2	657.2	640.2	645.0	664.5	686.4	730.2	791.1	803.2	803.2
77.5°	516.0	542.8	542.8	525.8	533.1	535.5	564.7	586.6	632.9	637.7	618.3
80°	374.8	401.6	423.5	408.9	421.1	406.5	423.5	438.1	484.4	462.5	430.8
82.5°	267.7	287.2	304.3	306.7	294.5	267.7	289.7	292.1	314.0	284.8	267.7
85°	148.5	165.5	187.4	177.7	158.2	141.2	148.5	153.3	150.9	143.6	133.9
87.5°	38.9	41.4	46.2	34.1	31.6	26.8	36.5	36.5	41.4	43.8	41.4
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	9259.2	9259.2	9259.2	9259.2	9259.2	9259.2	9259.2	9259.2	9259.2	9259.2	9259.2
2.5°	7884.0	7991.1	8222.3	8397.5	8611.7	8872.2	9178.9	9488.0	9821.5	9926.1	10072.2
5°	6523.3	6791.1	6903.0	7221.9	7538.3	8013.0	8519.2	9105.9	9748.5	10057.6	10354.5
7.5°	5574.0	5717.6	5834.5	6068.1	6447.9	7024.7	7660.0	8392.7	9303.0	9753.3	10189.0
10°	5062.9	5077.5	5221.1	5510.7	5841.8	6350.5	6951.7	7772.0	8787.0	9334.7	9845.8
12.5°	4724.5	4661.2	4817.0	5118.9	5493.7	5963.5	6516.0	7297.3	8414.6	8976.9	9595.1
15°	4427.6	4327.8	4444.6	4753.7	5123.7	5676.3	6270.2	7097.7	8268.5	8923.3	9609.7
17.5°	4434.9	4159.8	4201.2	4461.7	4829.2	5391.5	6112.0	7090.4	8490.0	9244.6	10057.6
20°	4982.5	4542.0	4354.6	4403.2	4758.6	5372.0	6185.0	7431.2	9217.8	10318.0	11187.0
22.5°	5520.5	5255.2	4953.3	4853.5	5048.3	5690.9	6649.9	8236.9	10800.0	12457.6	14027.5
25°	5333.0	5559.4	5484.0	5342.8	5386.6	5919.7	6966.3	8899.0	12029.2	13896.1	15371.2
27.5°	4266.9	4678.3	4761.0	4758.6	4775.6	5213.8	6265.3	8453.5	12182.5	14171.2	15580.5
30°	2998.8	3035.3	3079.1	3164.3	3242.2	3634.1	4902.2	7421.5	12114.4	14295.3	15707.1
32.5°	2163.9	2212.6	2273.4	2390.3	2575.2	3074.2	4288.8	7092.9	12474.6	14808.9	16077.0
35°	1978.9	2034.9	2093.3	2227.2	2402.4	2864.9	4045.4	6956.6	13066.1	15641.3	16741.5
37.5°	1920.5	1983.8	2034.9	2132.2	2273.4	2714.0	3823.9	6864.1	13672.2	16522.5	17632.4
40°	1879.1	1952.1	1993.5	2071.4	2168.8	2575.2	3626.8	6791.1	14258.8	17328.1	18348.0
42.5°	1842.6	1918.0	1971.6	2027.6	2107.9	2451.1	3451.5	6718.0	14767.5	18109.5	19061.2
45°	1798.8	1893.7	1961.9	2005.7	2076.3	2346.4	3317.6	6659.6	15346.8	18803.2	19781.7
47.5°	1762.3	1866.9	1952.1	2003.2	2030.0	2273.4	3210.5	6739.9	16043.0	19528.5	20451.1
50°	1764.7	1864.5	1971.6	2051.9	1981.3	2212.6	3144.8	7058.8	16948.4	20390.2	20979.3
52.5°	1842.6	1964.3	2049.5	2069.0	1913.2	2139.5	3110.7	7616.2	18019.4	21152.1	21512.3
55°	1930.2	2056.8	2149.3	2137.1	1876.7	2047.1	3103.4	8210.1	19192.6	22040.5	22206.0
57.5°	1898.6	2083.6	2224.7	2161.5	1879.1	1957.0	3071.8	8689.6	20173.6	22705.0	22892.4
58°	1888.8	2073.8	2234.5	2156.6	1871.8	1930.2	3064.5	8731.0	20309.9	22751.3	22989.8
60°	1793.9	1988.6	2227.2	2120.1	1830.4	1857.2	2984.2	8864.9	20273.4	22512.7	23048.2
62.5°	1621.1	1781.7	2059.2	1942.4	1703.8	1759.8	2804.0	8699.4	19285.1	21363.8	22193.9
65°	1426.4	1545.6	1730.6	1708.7	1523.7	1660.0	2558.2	8044.6	17306.2	19499.3	20373.2
67.5°	1280.3	1377.7	1494.5	1462.9	1370.4	1526.2	2292.9	6937.1	15086.4	17260.0	18360.2
70°	1131.8	1207.3	1265.7	1243.8	1214.6	1394.7	2056.8	5630.0	12959.0	15132.6	16198.7
72.5°	980.9	1051.5	1100.2	1068.6	1051.5	1256.0	1864.5	4369.2	10235.3	12484.3	13854.7
75°	820.3	890.9	924.9	888.4	878.7	1107.5	1579.7	3264.1	7679.5	9624.3	10807.3
77.5°	635.3	710.7	754.6	742.4	747.3	910.3	1275.5	2234.5	5491.3	6559.8	7806.1
80°	445.4	528.2	557.4	545.2	579.3	693.7	900.6	1419.1	3787.4	4257.2	5135.9
82.5°	275.0	352.9	357.8	370.0	394.3	513.6	679.1	864.1	2378.1	2458.4	3096.1
85°	138.7	168.0	180.1	199.6	221.5	314.0	387.0	535.5	1531.0	1158.6	1730.6
87.5°	46.2	48.7	58.4	73.0	90.1	129.0	165.5	219.1	379.7	209.3	535.5
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°	9259.2	9259.2	9259.2	9259.2	9259.2	9259.2	9259.2	9259.2	9259.2	9259.2
2.5°	10366.7	10573.6	10724.5	10863.3	10729.4	10717.2	10585.8	10374.0	10286.4	10286.4
5°	10977.7	11462.0	11853.9	12104.6	11997.5	11739.5	11313.6	10770.8	10478.7	10427.6
7.5°	11145.6	12102.2	12830.0	13088.0	12907.9	12338.3	11522.9	10607.7	10189.0	10096.5
10°	11043.4	12287.2	13355.7	13764.7	13514.0	12652.3	11539.9	10417.8	9901.8	9794.7
12.5°	10936.3	12311.5	13453.1	14044.6	13881.5	12905.4	11664.1	10293.7	9697.3	9544.0
15°	11014.2	12321.3	13333.8	13944.8	14049.5	13209.7	11868.5	10383.7	9656.0	9492.9
17.5°	11505.9	12506.3	13163.5	13657.6	14025.1	13623.5	12450.3	10814.6	10025.9	9823.9
20°	12533.0	12949.3	13260.8	13643.0	14234.4	14468.1	13640.5	11997.5	11065.3	10887.6
22.5°	15507.5	15432.0	14794.3	14787.0	15643.8	16580.9	16524.9	14402.4	13000.4	12854.3
25°	16622.3	16271.8	15349.2	15125.3	15502.6	16948.4	16739.1	14894.1	13599.2	13243.8
27.5°	16186.6	15317.6	14711.5	14660.4	14536.3	15901.8	16405.6	15093.7	13808.5	13462.8
30°	16159.8	14881.9	14015.4	14117.6	14236.9	15541.5	16590.6	15719.2	14344.0	13974.0
32.5°	16225.5	14942.8	14066.5	14086.0	14441.3	15595.1	16795.1	16400.8	15047.4	14677.4
35°	16490.8	15288.4	14392.7	14346.4	14901.4	15945.6	17143.2	17471.8	16008.9	15587.8
37.5°	16919.2	15977.2	14989.0	14976.8	15782.5	16578.5	17576.4	18552.5	16965.5	16512.7
40°	17549.6	16782.9	16050.3	15984.5	16980.1	17608.1	18138.7	19703.8	18077.8	17496.1
42.5°	18311.5	17749.2	17449.9	17710.3	18666.9	18764.2	19015.0	20767.5	19024.7	18348.0
45°	19017.4	18990.6	19406.8	20098.1	20655.5	20071.3	19930.2	21480.7	19759.8	19024.7
47.5°	19857.1	20582.5	21838.5	22851.1	23435.2	21592.6	20711.5	21945.6	20295.3	19618.6
50°	20709.1	22488.4	24494.1	25905.8	26029.9	23245.4	21249.4	22383.7	20782.1	20078.6
52.5°	21604.8	24009.7	26679.8	28320.4	28079.4	24683.9	21770.3	22680.7	21283.5	20665.3
55°	22383.7	24941.9	27901.7	29476.6	29123.7	25560.2	22332.6	23002.0	21999.1	21478.2
57.5°	22819.4	25019.8	27597.5	28972.7	28590.6	25389.8	22590.6	23240.5	22456.7	22047.8
58°	22882.7	24915.1	27327.3	28680.7	28291.2	25246.2	22588.2	23230.8	22485.9	22074.6
60°	22826.7	24236.0	26322.0	27526.9	27118.0	24345.6	22495.7	23048.2	22116.0	21767.9
62.5°	22308.3	23057.9	24586.5	25462.8	25346.0	22938.7	22116.0	22359.4	20989.0	20653.1
65°	21626.7	21451.5	22364.2	22984.9	23072.6	21884.7	21738.7	20869.7	19543.2	19068.5
67.5°	20799.1	19630.8	19628.3	19981.3	20127.3	20263.6	20952.5	19251.1	17459.6	16958.2
70°	19394.7	16824.3	16050.3	16466.5	16344.8	17496.1	19548.0	16977.6	14947.6	14361.0
72.5°	16819.4	13350.9	12111.9	12647.4	12340.7	13720.9	17104.2	13971.6	12360.2	11639.7
75°	13633.2	9987.0	8709.1	9200.8	9010.9	10408.1	14232.0	10147.6	8864.9	8589.8
77.5°	10585.8	7236.5	6494.1	6425.9	6567.1	7745.2	10439.7	6851.9	5844.2	5656.8
80°	6800.8	5179.7	5223.5	5135.9	5208.9	4882.7	6338.3	4371.6	3957.8	3806.9
82.5°	4476.3	3609.7	4303.4	3972.4	3772.8	3283.6	4157.4	2862.5	2429.2	2346.4
85°	3049.9	2658.0	2419.5	1849.9	2178.5	2529.0	3118.0	1540.8	1221.9	1107.5
87.5°	1377.7	924.9	679.1	418.7	662.1	764.3	1514.0	180.1	138.7	143.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)