

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: P647121

Luminaire Tested: **GALN-SA8C-835-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P647121
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-SA8C-835-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 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: 38316.1 lumens
Efficiency: N/A
Efficacy: 89.3 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

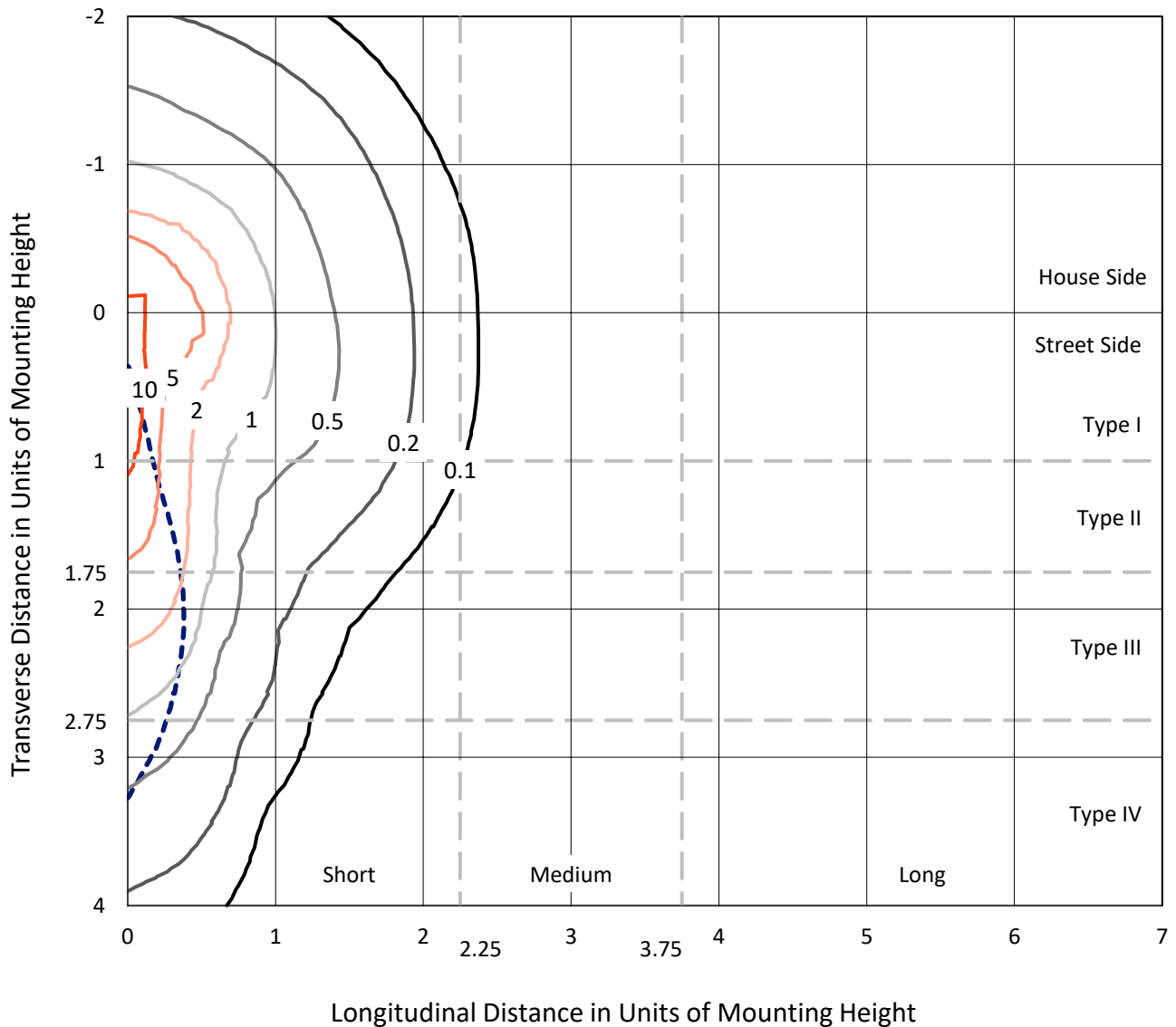
Input Watts (W): 429
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

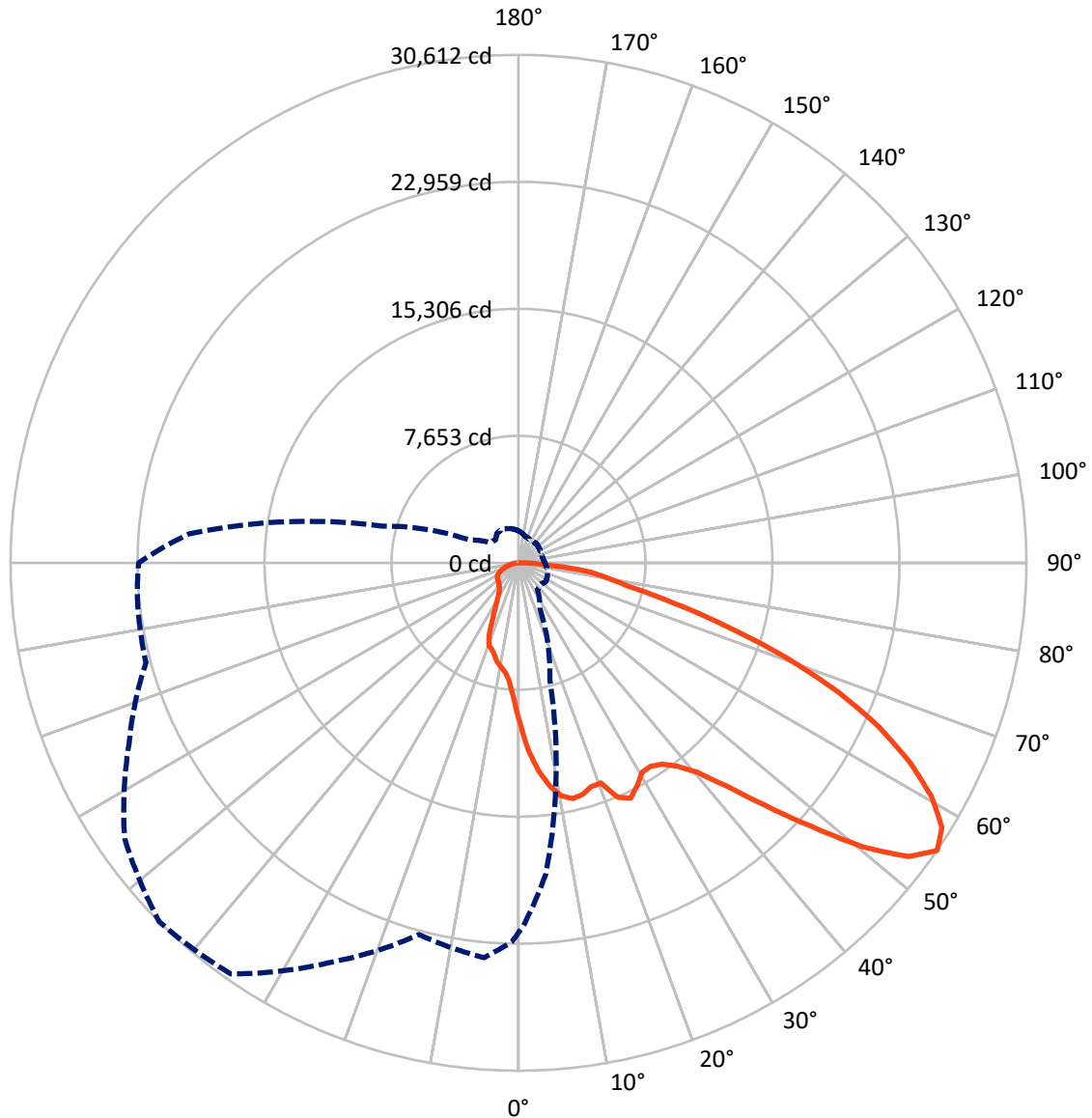
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 16.5 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	8381.5	0.0	8381.5
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	29934.6	0.0	29934.6
	% Fixture	78.1	0.0	78.1
Total	Lumens	38316.1	0.0	38316.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	815.0	2.1
10°-20°	2162.1	5.6
20°-30°	3735.2	9.7
30°-40°	4340.9	11.3
40°-50°	6056.4	15.8
50°-60°	8217.9	21.4
60°-70°	7818.3	20.4
70°-80°	4223.7	11.0
80°-90°	946.6	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°	38316.1	100.0
0°-180°	38316.1	100.0

Coefficient of Utilization

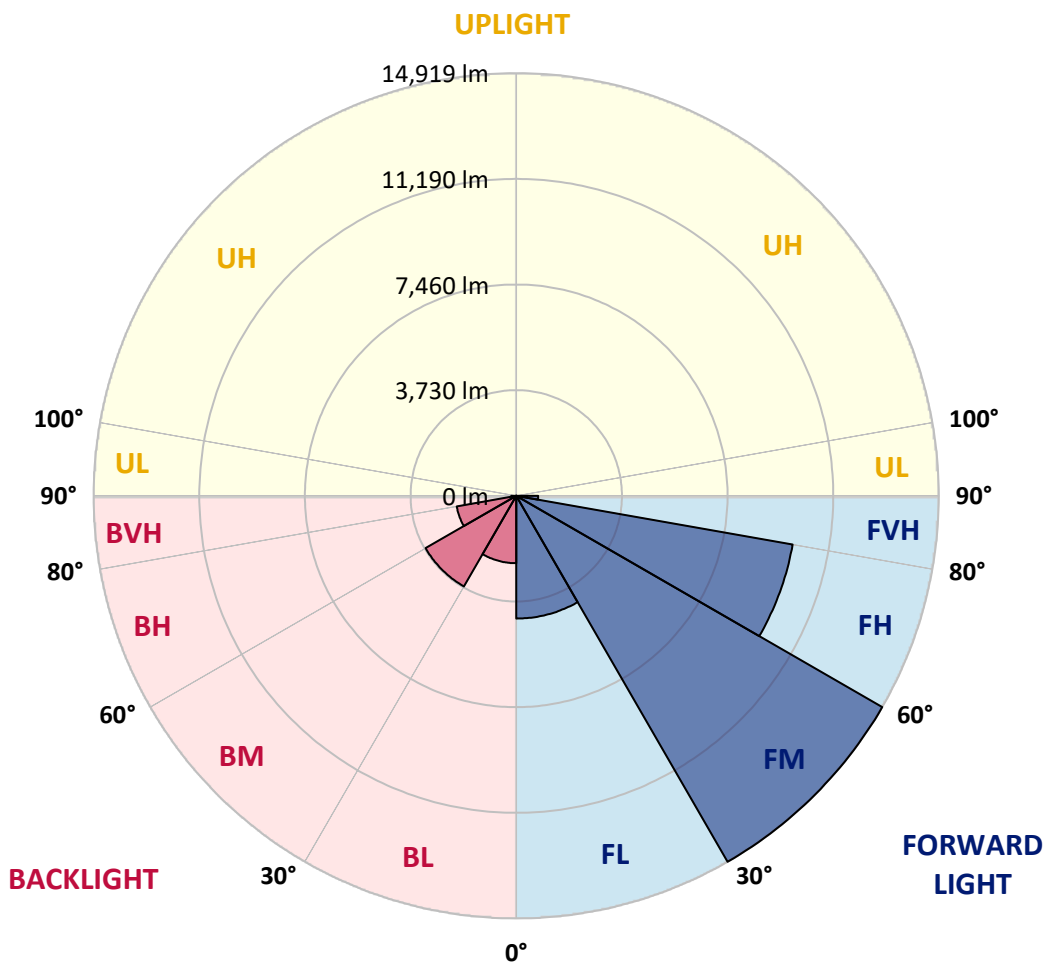


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4333.6	11.3			
FM (30°-60°)	14919.5	38.9			
FH (60°-80°)	9907.9	25.9			G4/12000
FVH (80°-90°)	773.6	2.0			G5
BL (0°-30°)	2378.7	6.2	B3/2500		
BM (30°-60°)	3695.7	9.6	B3/5000		
BH (60°-80°)	2134.1	5.6	B3/2500		G3/2500
BVH (80°-90°)	173.0	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°	9615.9	9615.9	9615.9	9615.9	9615.9	9615.9	9615.9	9615.9	9615.9	9615.9	9615.9
2.5°	10682.6	10642.1	10528.4	10230.1	9929.3	9623.5	9388.3	9095.1	8789.3	8624.9	8415.1
5°	10829.2	10783.7	10515.8	9843.3	9234.2	8594.6	8084.0	7636.5	7454.6	7186.6	6971.8
7.5°	10485.4	10465.2	10063.3	9097.7	8263.5	7426.8	6847.9	6489.0	6162.8	6041.5	6066.8
10°	10172.0	10091.1	9588.1	8326.7	7353.5	6673.4	6258.9	5907.5	5677.5	5616.9	5629.5
12.5°	9911.6	9802.9	9208.9	7808.5	6956.6	6413.1	5884.8	5518.3	5308.4	5366.6	5563.8
15°	9858.5	9711.9	9049.6	7631.5	6739.2	6039.0	5460.1	5038.0	4881.2	5007.6	5323.6
17.5°	10202.3	10017.8	9322.6	7689.6	6531.9	5657.3	4946.9	4464.1	4332.7	4534.9	4946.9
20°	11307.0	11034.0	10174.5	8025.8	6511.7	5467.7	4648.7	4163.3	4219.0	4603.2	5032.9
22.5°	13349.4	12939.9	11665.9	8516.2	6617.8	5419.7	4588.0	4335.2	4641.1	4967.2	5250.3
25°	13753.9	13432.8	11933.9	8627.5	6595.1	5386.8	4759.9	4886.3	5227.5	5389.3	5290.7
27.5°	13981.4	13614.9	11916.2	8076.4	5897.4	4886.3	4550.1	4759.9	4845.8	4689.2	4421.1
30°	14512.3	14130.6	12217.0	7497.5	4855.9	3624.9	3177.5	3091.5	3149.7	3180.0	3083.9
32.5°	15242.8	14866.1	12783.2	7118.3	4198.7	2998.0	2558.1	2436.9	2409.1	2376.2	2338.3
35°	16188.2	15609.3	13339.3	6875.7	3928.2	2773.0	2368.6	2275.0	2237.1	2191.6	2151.2
37.5°	17148.8	16542.0	14042.1	6620.3	3748.8	2616.3	2242.2	2199.2	2133.5	2085.4	2027.3
40°	18170.0	17490.0	14681.6	6397.9	3574.3	2515.2	2151.2	2146.1	2060.2	2004.6	1936.3
42.5°	19054.8	18354.5	15252.9	6261.4	3440.3	2409.1	2095.5	2110.7	2022.3	1938.9	1850.4
45°	19757.5	19069.9	15781.2	6261.4	3331.7	2302.9	2085.4	2075.3	1986.9	1883.2	1782.1
47.5°	20374.3	19663.9	16296.9	6420.7	3263.4	2214.4	2029.8	2047.5	1956.6	1825.1	1726.5
50°	20852.0	20225.1	16992.0	6668.4	3195.2	2143.6	1959.1	2055.1	1931.3	1794.8	1681.0
52.5°	21461.2	20900.1	17828.8	7007.1	3137.0	2065.2	1895.9	2055.1	1928.8	1797.3	1673.4
55°	22305.6	21714.0	18837.3	7287.7	3043.5	1992.0	1840.3	1997.0	1921.2	1784.6	1653.2
57.5°	22897.0	22454.6	19550.2	7474.8	2909.5	1898.4	1789.7	1941.4	1888.3	1736.6	1592.5
58°	22924.8	22492.6	19653.8	7517.7	2876.7	1880.7	1777.1	1916.1	1873.1	1716.4	1572.3
60°	22606.3	22234.8	19674.0	7457.1	2689.6	1792.2	1711.3	1812.5	1792.2	1597.6	1463.6
62.5°	21448.6	21051.7	18857.5	6964.2	2441.9	1683.5	1610.2	1673.4	1627.9	1430.8	1306.9
65°	19803.0	19072.5	17179.1	6190.6	2264.9	1567.3	1473.7	1478.8	1430.8	1289.2	1180.5
67.5°	17611.4	16794.9	14545.1	5217.4	2130.9	1438.4	1311.9	1299.3	1241.1	1150.1	1061.7
70°	14914.2	14355.5	11820.1	4244.3	1981.9	1296.8	1129.9	1122.4	1087.0	1018.7	940.4
72.5°	12088.0	11377.8	9545.1	3397.4	1799.8	1160.2	960.6	975.8	930.2	882.2	811.4
75°	8920.7	8455.5	7378.8	2725.0	1554.6	1011.2	801.3	806.4	786.1	735.6	680.0
77.5°	5874.7	5735.6	5278.1	1789.7	1195.6	803.8	654.7	659.8	644.6	599.1	541.0
80°	3953.5	3860.0	3576.9	1152.7	798.8	581.4	505.6	510.6	508.1	460.1	381.7
82.5°	2436.9	2396.4	2305.4	778.5	553.6	417.1	333.6	348.8	376.6	323.5	260.3
85°	1150.1	1152.7	1392.8	424.7	326.1	267.9	182.0	194.7	194.7	194.7	146.6
87.5°	149.2	156.8	192.1	179.5	118.8	101.1	65.7	55.6	48.0	63.2	45.5
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	9615.9	9615.9	9615.9	9615.9	9615.9	9615.9	9615.9	9615.9	9615.9	9615.9	9615.9
2.5°	8341.8	8291.3	8182.6	8157.3	8142.1	8185.1	8071.3	8101.7	8051.1	8192.7	8169.9
5°	6984.4	6989.4	7077.9	7136.0	7156.3	7136.0	7060.2	6928.8	6827.7	6787.2	6797.3
7.5°	6018.8	6107.2	6258.9	6428.3	6582.4	6627.9	6585.0	6334.7	6061.8	5889.8	5834.2
10°	5697.7	5816.5	5991.0	6124.9	6261.4	6370.1	6392.9	6198.2	5874.7	5467.7	5308.4
12.5°	5715.4	5877.2	6044.1	6087.0	6074.4	6117.3	6097.1	6064.3	5851.9	5333.7	5068.3
15°	5548.6	5740.7	5857.0	5834.2	5793.8	5755.8	5702.7	5619.4	5543.5	5179.5	4886.3
17.5°	5164.4	5361.5	5457.6	5465.2	5465.2	5455.1	5326.1	5295.8	5285.7	5108.8	4929.2
20°	5235.1	5343.8	5300.8	5230.0	5250.3	5318.5	5242.7	5227.5	5285.7	5364.0	5331.2
22.5°	5275.5	5237.6	4914.1	4600.7	4529.9	4742.2	4785.1	4954.5	5189.6	5472.8	5657.3
25°	5025.3	4719.5	4140.6	3786.7	3587.0	3784.2	4042.0	4355.4	4706.8	5070.8	5285.7
27.5°	4201.3	3968.7	3554.1	3235.6	3061.2	3091.5	3311.5	3597.1	3923.2	4168.4	4325.1
30°	3164.8	3061.2	2846.4	2737.6	2631.4	2606.2	2699.7	2808.4	2952.5	2982.8	3023.2
32.5°	2330.7	2315.5	2328.1	2292.7	2272.5	2270.0	2242.2	2267.5	2282.6	2300.3	2264.9
35°	2108.2	2087.9	2052.6	2042.5	2029.8	2034.9	2022.3	2009.6	2019.7	2034.9	2045.0
37.5°	1994.5	1964.2	1913.6	1895.9	1895.9	1903.5	1883.2	1878.2	1895.9	1943.9	1969.2
40°	1906.0	1870.6	1812.5	1789.7	1804.9	1825.1	1797.3	1787.2	1830.2	1880.7	1921.2
42.5°	1822.6	1794.8	1739.1	1713.8	1726.5	1764.4	1724.0	1716.4	1772.0	1827.6	1875.7
45°	1751.8	1724.0	1673.4	1660.7	1665.8	1701.2	1673.4	1673.4	1726.5	1787.2	1830.2
47.5°	1696.1	1660.7	1627.9	1617.8	1622.8	1643.0	1638.0	1638.0	1688.6	1751.8	1794.8
50°	1640.5	1610.2	1567.3	1572.3	1584.9	1612.7	1610.2	1617.8	1668.3	1746.7	1792.2
52.5°	1615.3	1569.8	1521.8	1526.8	1564.7	1597.6	1587.5	1595.0	1653.2	1799.8	1865.5
55°	1587.5	1526.8	1471.2	1478.8	1521.8	1569.8	1557.2	1567.3	1635.5	1835.2	1926.2
57.5°	1534.4	1463.6	1403.0	1408.0	1471.2	1521.8	1501.6	1514.2	1595.0	1797.3	1893.4
58°	1511.7	1451.0	1392.8	1395.4	1456.0	1511.7	1488.9	1499.0	1582.4	1787.2	1878.2
60°	1415.6	1380.2	1329.6	1332.2	1390.3	1438.4	1425.7	1435.8	1516.7	1713.8	1782.1
62.5°	1284.1	1263.9	1251.3	1251.3	1286.6	1332.2	1344.8	1357.4	1430.8	1549.6	1610.2
65°	1142.6	1142.6	1145.1	1145.1	1167.8	1226.0	1233.6	1266.4	1334.7	1392.8	1438.4
67.5°	1046.6	1041.5	1046.6	1033.9	1044.0	1079.4	1117.3	1147.6	1218.4	1258.8	1274.0
70°	922.7	920.1	922.7	905.0	917.6	947.9	973.2	1023.8	1097.1	1127.4	1135.0
72.5°	801.3	801.3	806.4	793.7	793.7	826.6	844.3	899.9	968.2	985.9	988.4
75°	674.9	682.5	682.5	664.8	669.9	690.1	712.8	758.3	821.5	834.2	834.2
77.5°	535.9	563.7	563.7	546.0	553.6	556.1	586.5	609.2	657.3	662.3	642.1
80°	389.3	417.1	439.8	424.7	437.3	422.1	439.8	455.0	503.0	480.3	447.4
82.5°	278.0	298.2	315.9	318.5	305.8	278.0	300.8	303.3	326.1	295.7	278.0
85°	154.2	171.9	194.7	184.6	164.3	146.6	154.2	159.3	156.8	149.2	139.1
87.5°	40.5	43.0	48.0	35.4	32.9	27.8	37.9	37.9	43.0	45.5	43.0
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°	9615.9	9615.9	9615.9	9615.9	9615.9	9615.9	9615.9	9615.9	9615.9	9615.9	9615.9
2.5°	8187.6	8298.9	8539.0	8721.0	8943.4	9214.0	9532.4	9853.4	10199.7	10308.5	10460.2
5°	6774.6	7052.6	7168.9	7500.0	7828.7	8321.6	8847.4	9456.6	10124.0	10445.0	10753.3
7.5°	5788.7	5937.9	6059.2	6301.9	6696.2	7295.3	7955.0	8716.0	9661.4	10129.0	10581.5
10°	5257.8	5273.0	5422.2	5723.0	6066.8	6595.1	7219.5	8071.3	9125.5	9694.2	10225.0
12.5°	4906.5	4840.8	5002.6	5316.0	5705.3	6193.1	6767.0	7578.4	8738.7	9322.6	9964.7
15°	4598.1	4494.5	4615.8	4936.8	5321.0	5894.9	6511.7	7371.2	8587.0	9267.0	9979.9
17.5°	4605.7	4320.0	4363.0	4633.5	5015.2	5599.2	6347.4	7363.6	8817.0	9600.7	10445.0
20°	5174.5	4716.9	4522.3	4572.8	4941.9	5578.9	6423.2	7717.5	9572.9	10715.4	11617.9
22.5°	5733.1	5457.6	5144.2	5040.5	5242.7	5910.1	6906.0	8554.2	11215.9	12937.4	14567.9
25°	5538.5	5773.5	5695.2	5548.6	5594.1	6147.6	7234.6	9241.7	12492.5	14431.3	15963.2
27.5°	4431.3	4858.5	4944.4	4941.9	4959.6	5414.6	6506.7	8779.2	12651.8	14717.0	16180.6
30°	3114.3	3152.2	3197.7	3286.2	3367.1	3774.1	5091.1	7707.3	12581.0	14845.9	16312.1
32.5°	2247.2	2297.8	2361.0	2482.3	2674.4	3192.6	4454.0	7366.1	12955.1	15379.3	16696.3
35°	2055.1	2113.2	2173.9	2313.0	2495.0	2975.2	4201.3	7224.5	13569.4	16243.8	17386.4
37.5°	1994.5	2060.2	2113.2	2214.4	2361.0	2818.5	3971.2	7128.4	14198.8	17158.9	18311.6
40°	1951.5	2027.3	2070.3	2151.2	2252.3	2674.4	3766.5	7052.6	14808.0	17995.6	19054.8
42.5°	1913.6	1992.0	2047.5	2105.6	2189.1	2545.5	3584.4	6976.8	15336.3	18807.0	19795.4
45°	1868.1	1966.7	2037.4	2082.9	2156.2	2436.9	3445.4	6916.2	15938.0	19527.5	20543.6
47.5°	1830.2	1938.9	2027.3	2080.4	2108.2	2361.0	3334.2	6999.6	16660.9	20280.7	21238.8
50°	1832.7	1936.3	2047.5	2130.9	2057.6	2297.8	3266.0	7330.7	17601.2	21175.6	21787.3
52.5°	1913.6	2039.9	2128.4	2148.6	1986.9	2221.9	3230.6	7909.6	18713.5	21966.8	22340.9
55°	2004.6	2136.0	2232.1	2219.4	1949.0	2125.9	3223.0	8526.3	19931.9	22889.4	23061.3
57.5°	1971.7	2163.8	2310.4	2244.7	1951.5	2032.4	3190.1	9024.3	20950.6	23579.6	23774.2
58°	1961.6	2153.7	2320.6	2239.6	1943.9	2004.6	3182.5	9067.3	21092.1	23627.6	23875.3
60°	1863.0	2065.2	2313.0	2201.7	1900.9	1928.8	3099.1	9206.4	21054.2	23379.8	23936.0
62.5°	1683.5	1850.4	2138.5	2017.2	1769.5	1827.6	2912.1	9034.4	20028.0	22186.7	23048.7
65°	1481.3	1605.2	1797.3	1774.5	1582.4	1724.0	2656.7	8354.5	17972.8	20250.4	21157.9
67.5°	1329.6	1430.8	1552.1	1519.3	1423.2	1584.9	2381.2	7204.3	15667.4	17924.8	19067.4
70°	1175.4	1253.8	1314.5	1291.7	1261.4	1448.5	2136.0	5846.9	13458.1	15715.5	16822.7
72.5°	1018.7	1092.1	1142.6	1109.7	1092.1	1304.3	1936.3	4537.4	10629.5	12965.2	14388.4
75°	851.9	925.2	960.6	922.7	912.5	1150.1	1640.5	3389.8	7975.3	9995.0	11223.5
77.5°	659.8	738.1	783.6	771.0	776.0	945.4	1324.6	2320.6	5702.7	6812.5	8106.7
80°	462.6	548.6	578.9	566.3	601.7	720.4	935.3	1473.7	3933.3	4421.1	5333.7
82.5°	285.6	366.5	371.6	384.2	409.5	533.4	705.2	897.4	2469.7	2553.1	3215.4
85°	144.1	174.5	187.1	207.3	230.0	326.1	401.9	556.1	1590.0	1203.2	1797.3
87.5°	48.0	50.6	60.7	75.9	93.6	134.0	171.9	227.5	394.3	217.4	556.1
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°	9615.9	9615.9	9615.9	9615.9	9615.9	9615.9	9615.9	9615.9	9615.9	9615.9
2.5°	10766.0	10980.9	11137.6	11281.7	11142.6	11130.0	10993.5	10773.6	10682.6	10682.6
5°	11400.5	11903.6	12310.5	12570.9	12459.6	12191.7	11749.3	11185.6	10882.3	10829.2
7.5°	11574.9	12568.3	13324.2	13592.1	13405.0	12813.6	11966.7	11016.3	10581.5	10485.4
10°	11468.8	12760.5	13870.1	14294.8	14034.5	13139.6	11984.4	10819.1	10283.2	10172.0
12.5°	11357.5	12785.8	13971.3	14585.6	14416.2	13402.5	12113.3	10690.1	10070.9	9911.6
15°	11438.4	12795.9	13847.4	14481.9	14590.6	13718.5	12325.7	10783.7	10027.9	9858.5
17.5°	11949.0	12987.9	13670.5	14183.7	14565.3	14148.3	12929.8	11231.1	10412.1	10202.3
20°	13015.8	13448.0	13771.6	14168.5	14782.7	15025.4	14166.0	12459.6	11491.5	11307.0
22.5°	16104.7	16026.4	15364.1	15356.5	16246.3	17219.6	17161.4	14957.1	13501.1	13349.4
25°	17262.5	16898.5	15940.5	15707.9	16099.7	17601.2	17383.9	15467.8	14123.0	13753.9
27.5°	16810.1	15907.6	15278.2	15225.1	15096.2	16514.3	17037.5	15675.0	14340.3	13981.4
30°	16782.2	15455.1	14555.2	14661.4	14785.2	16140.1	17229.7	16324.7	14896.5	14512.3
32.5°	16850.5	15518.4	14608.3	14628.6	14997.6	16195.8	17442.0	17032.5	15627.0	15242.8
35°	17126.0	15877.3	14947.0	14899.0	15475.4	16559.7	17803.5	18144.7	16625.5	16188.2
37.5°	17570.9	16592.6	15566.4	15553.7	16390.4	17217.0	18253.5	19267.0	17618.9	17148.8
40°	18225.7	17429.3	16668.5	16600.2	17634.1	18286.3	18837.3	20462.8	18774.1	18170.0
42.5°	19016.8	18432.9	18122.0	18392.4	19385.9	19487.0	19747.3	21567.4	19757.5	19054.8
45°	19749.9	19722.1	20154.3	20872.3	21451.1	20844.5	20697.8	22308.1	20520.9	19757.5
47.5°	20622.0	21375.3	22679.7	23731.2	24337.9	22424.3	21509.2	22790.9	21077.0	20374.3
50°	21506.7	23354.5	25437.5	26903.6	27032.5	24140.8	22067.9	23245.9	21582.5	20852.0
52.5°	22436.9	24934.5	27707.5	29411.3	29161.0	25634.6	22608.9	23554.3	22103.3	21461.2
55°	23245.9	25902.7	28976.5	30611.9	30245.4	26544.7	23192.8	23887.9	22846.5	22305.6
57.5°	23698.4	25983.5	28660.5	30088.7	29691.8	26367.8	23460.7	24135.7	23321.7	22897.0
58°	23764.0	25874.8	28379.9	29785.4	29380.9	26218.6	23458.2	24125.6	23352.0	22924.8
60°	23706.0	25169.5	27335.9	28587.2	28162.5	25283.3	23362.1	23936.0	22967.8	22606.3
62.5°	23167.5	23946.1	25533.6	26443.6	26322.3	23822.2	22967.8	23220.6	21797.5	21448.6
65°	22459.7	22277.7	23225.7	23870.2	23961.3	22727.7	22576.0	21673.6	20295.9	19803.0
67.5°	21600.2	20386.9	20384.4	20750.9	20902.6	21044.1	21759.5	19992.6	18132.1	17611.4
70°	20141.7	17472.3	16668.5	17100.7	16974.3	18170.0	20301.0	17631.6	15523.4	14914.2
72.5°	17467.2	13865.1	12578.4	13134.6	12816.1	14249.3	17763.1	14509.7	12836.3	12088.0
75°	14158.4	10371.7	9044.6	9555.2	9358.0	10809.0	14780.2	10538.5	9206.4	8920.7
77.5°	10993.5	7515.2	6744.2	6673.4	6820.1	8043.5	10841.8	7115.8	6069.3	5874.7
80°	7062.7	5379.2	5424.7	5333.7	5409.5	5070.8	6582.4	4540.0	4110.3	3953.5
82.5°	4648.7	3748.8	4469.2	4125.4	3918.1	3410.0	4317.5	2972.7	2522.7	2436.9
85°	3167.4	2760.4	2512.6	1921.2	2262.4	2626.4	3238.2	1600.1	1268.9	1150.1
87.5°	1430.8	960.6	705.2	434.8	687.6	793.7	1572.3	187.1	144.1	149.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)