

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: P651081

Luminaire Tested: **GALN-SA8C-840-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P651081
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-840-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 80 CRI, 4000K, 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: 41154.3 lumens
Efficiency: N/A
Efficacy: 95.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G5

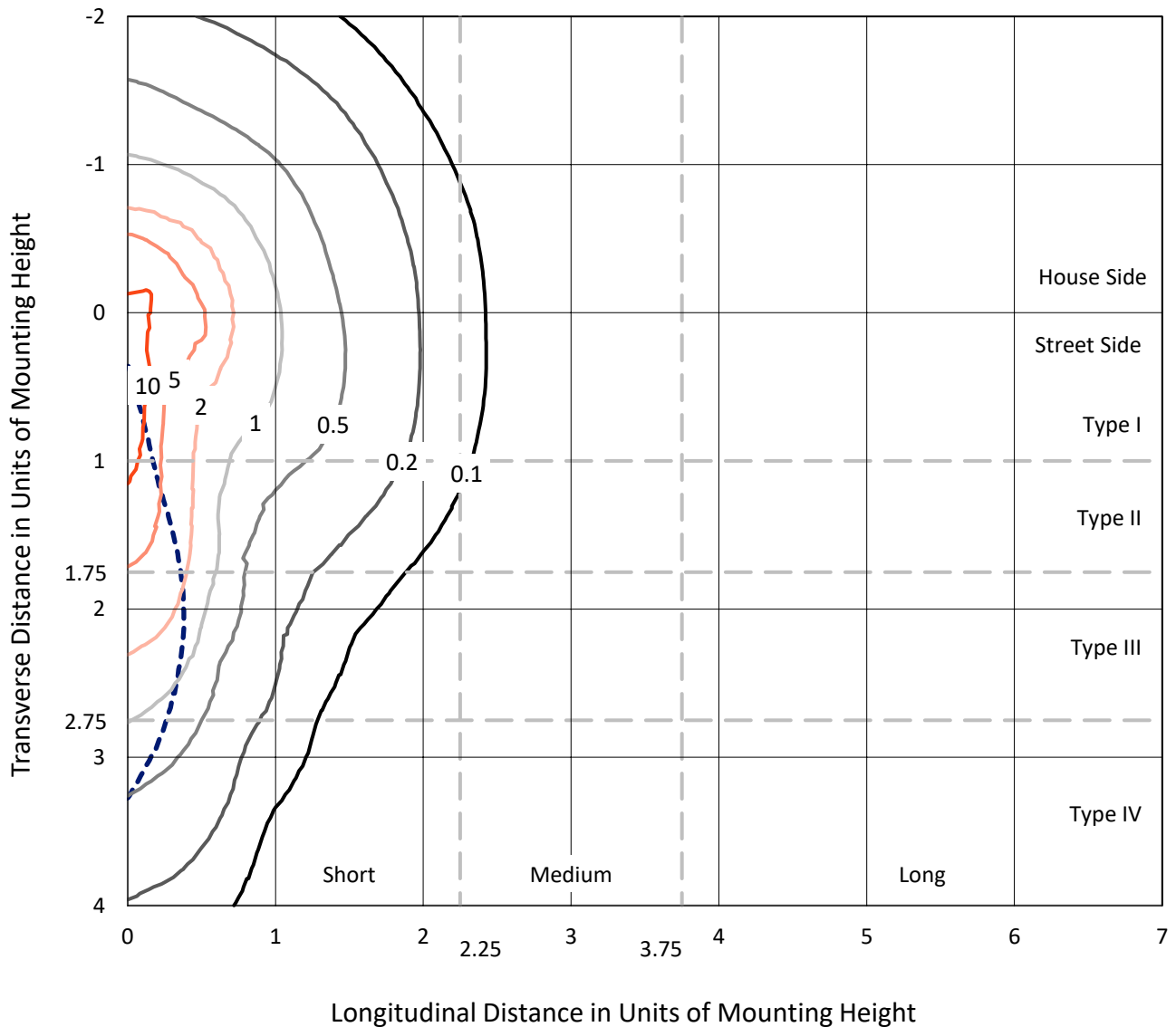
Input Watts (W): 429
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

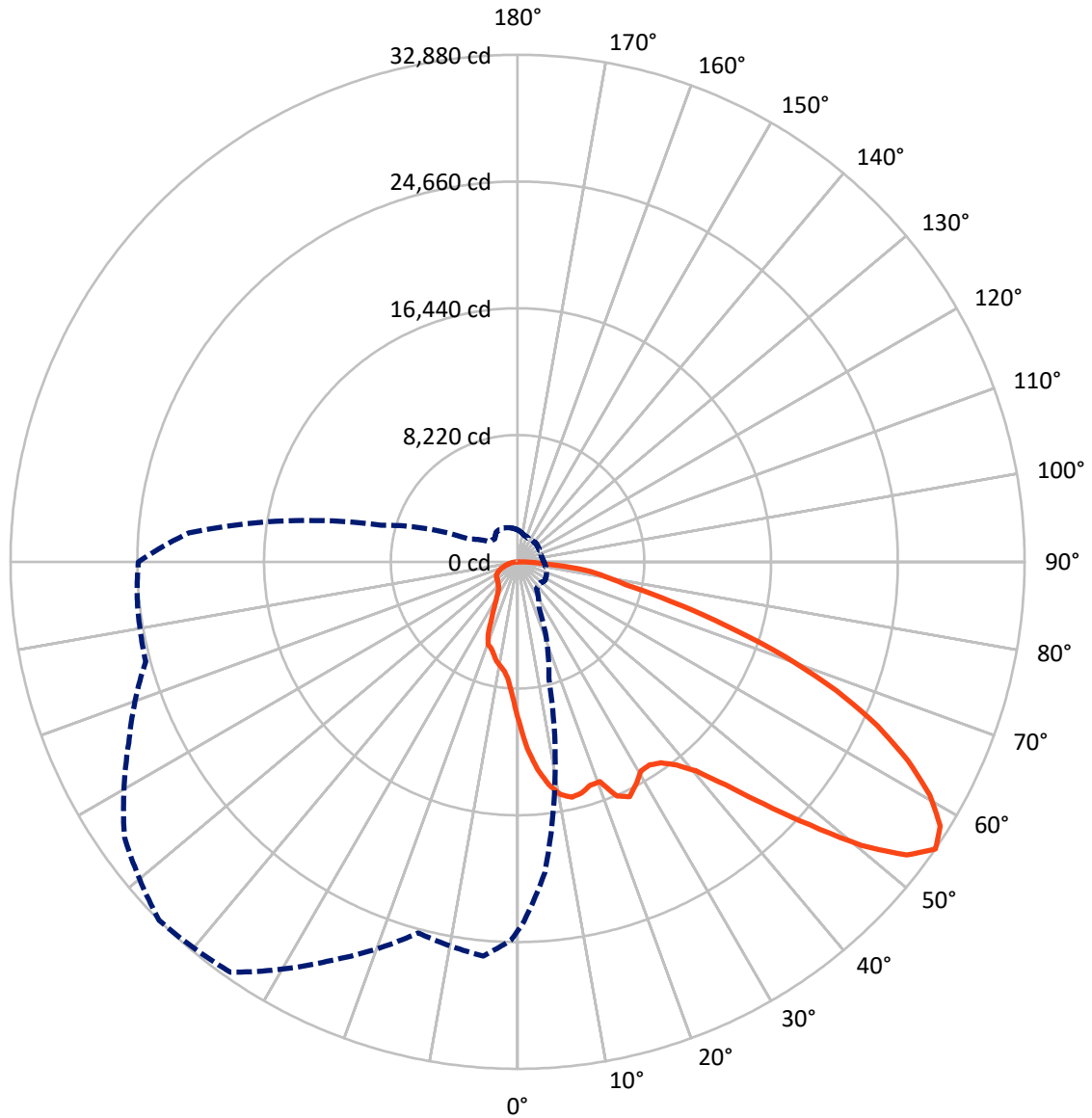
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 17.7 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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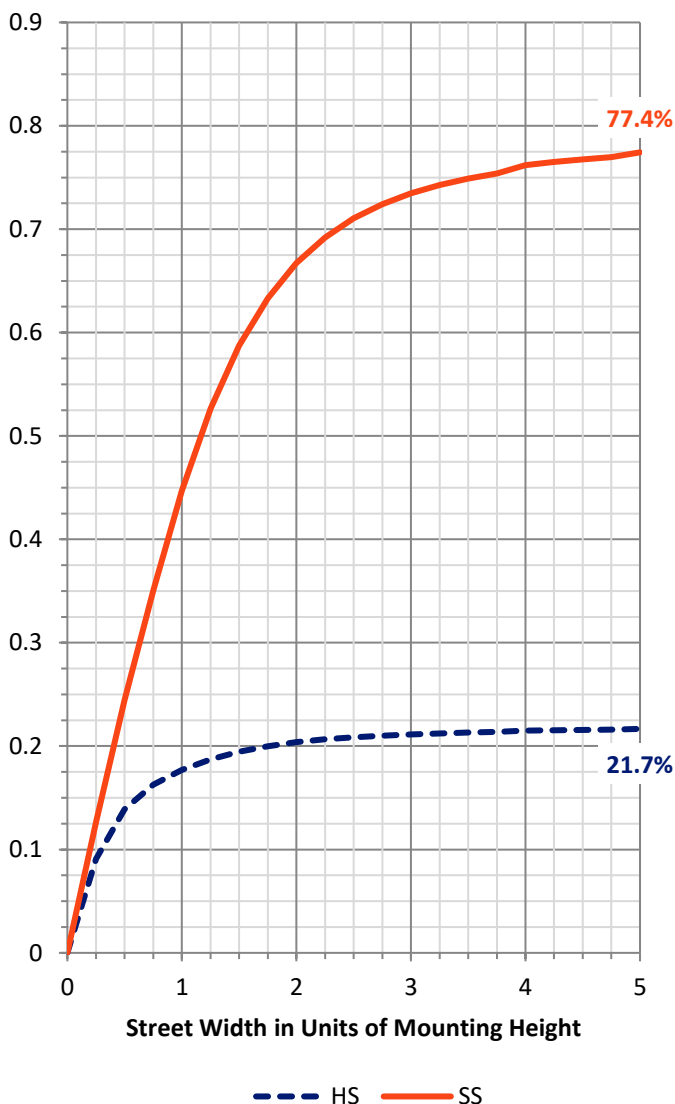
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9002.3	0.0	9002.3
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	32152.0	0.0	32152.0
	% Fixture	78.1	0.0	78.1
Total	Lumens	41154.3	0.0	41154.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	875.4	2.1
10°-20°	2322.3	5.6
20°-30°	4011.9	9.7
30°-40°	4662.4	11.3
40°-50°	6505.0	15.8
50°-60°	8826.6	21.4
60°-70°	8397.5	20.4
70°-80°	4536.5	11.0
80°-90°	1016.7	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°	41154.3	100.0
0°-180°	41154.3	100.0

Coefficient of Utilization

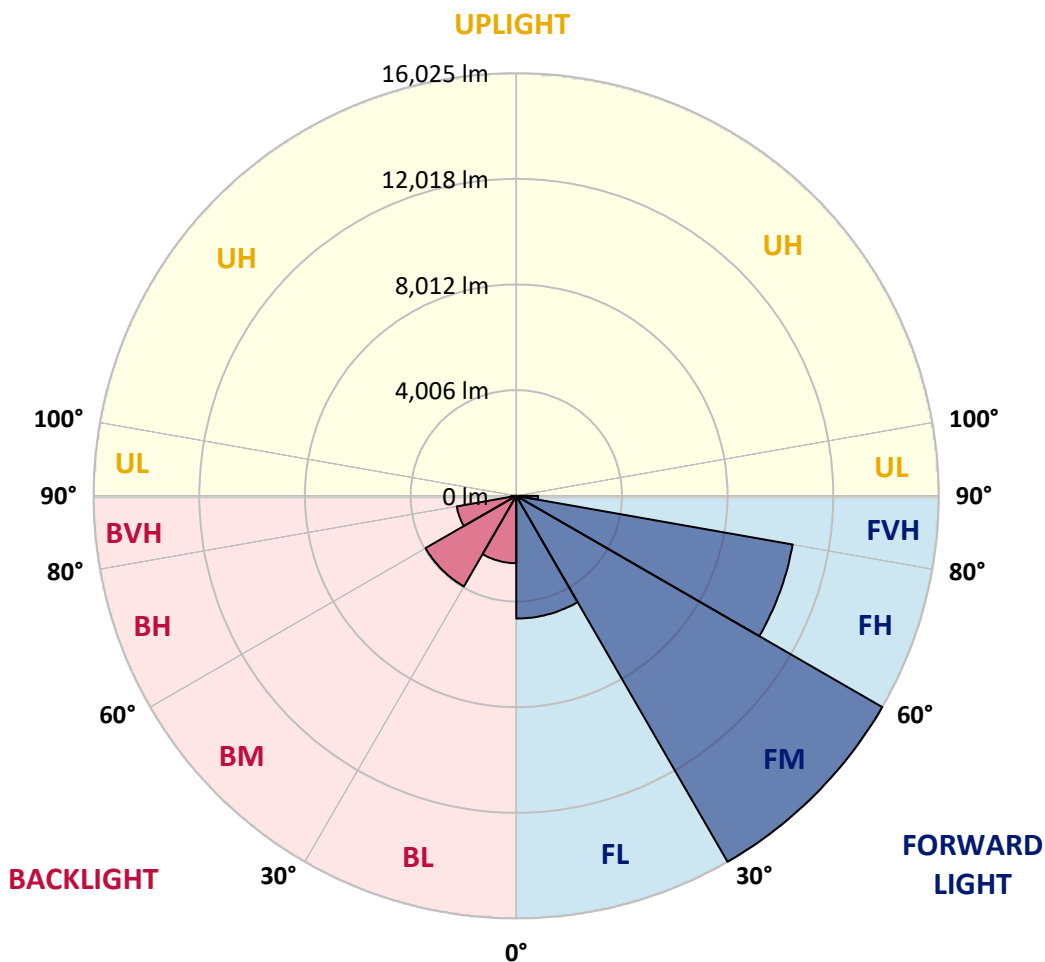


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4654.6	11.3			
FM (30°-60°)	16024.6	38.9			
FH (60°-80°)	10641.8	25.9			G4/12000
FVH (80°-90°)	830.9	2.0			G5
BL (0°-30°)	2554.9	6.2	B4/5000		
BM (30°-60°)	3969.4	9.6	B3/5000		
BH (60°-80°)	2292.2	5.6	B3/2500		G3/2500
BVH (80°-90°)	185.8	0.5			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G5
 Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	10328.2	10328.2	10328.2	10328.2	10328.2	10328.2	10328.2	10328.2	10328.2	10328.2	10328.2
2.5°	11473.9	11430.5	11308.3	10987.9	10664.8	10336.3	10083.8	9768.8	9440.3	9263.8	9038.5
5°	11631.4	11582.5	11294.7	10572.5	9918.2	9231.2	8682.8	8202.2	8006.7	7719.0	7488.2
7.5°	11262.1	11240.4	10808.7	9771.6	8875.6	7976.9	7355.1	6969.6	6619.3	6489.0	6516.2
10°	10925.4	10838.6	10298.3	8943.4	7898.2	7167.8	6722.5	6345.1	6098.1	6032.9	6046.5
12.5°	10645.8	10529.1	9891.0	8386.9	7471.9	6888.1	6320.7	5927.0	5701.6	5764.1	5975.9
15°	10588.8	10431.3	9719.9	8196.8	7238.4	6486.3	5864.5	5411.2	5242.8	5378.5	5718.0
17.5°	10958.1	10759.8	10013.2	8259.2	7015.7	6076.3	5313.4	4794.8	4653.7	4870.8	5313.4
20°	12144.5	11851.3	10928.1	8620.3	6994.0	5872.7	4993.0	4471.7	4531.5	4944.2	5405.7
22.5°	14338.3	13898.5	12530.1	9147.1	7108.0	5821.1	4927.8	4656.4	4984.9	5335.1	5639.2
25°	14772.7	14427.9	12817.8	9266.6	7083.7	5785.8	5112.4	5248.3	5614.8	5788.5	5682.6
27.5°	15017.1	14623.4	12798.8	8674.7	6334.2	5248.3	4887.1	5112.4	5204.8	5036.5	4748.6
30°	15587.3	15177.3	13122.0	8052.9	5215.6	3893.4	3412.9	3320.5	3383.0	3415.6	3312.4
32.5°	16371.9	15967.3	13730.1	7645.6	4509.7	3220.1	2747.6	2617.4	2587.5	2552.2	2511.5
35°	17387.3	16765.6	14327.4	7385.0	4219.2	2978.4	2544.0	2443.5	2402.8	2354.0	2310.6
37.5°	18419.1	17767.4	15082.2	7110.7	4026.5	2810.1	2408.3	2362.1	2291.6	2239.9	2177.5
40°	19515.9	18785.6	15769.2	6871.8	3839.1	2701.5	2310.6	2305.1	2212.8	2153.0	2079.7
42.5°	20466.2	19714.1	16382.8	6725.2	3695.2	2587.5	2250.8	2267.1	2172.1	2082.5	1987.5
45°	21221.0	20482.5	16950.2	6725.2	3578.5	2473.5	2239.9	2229.1	2134.0	2022.7	1914.1
47.5°	21883.5	21120.5	17504.1	6896.3	3505.1	2378.4	2180.2	2199.2	2101.5	1960.3	1854.4
50°	22396.6	21723.3	18250.7	7162.4	3431.9	2302.4	2104.2	2207.4	2074.3	1927.7	1805.5
52.5°	23051.0	22448.2	19149.4	7526.2	3369.4	2218.2	2036.3	2207.4	2071.6	1930.4	1797.4
55°	23957.8	23322.4	20232.7	7827.5	3269.0	2139.5	1976.6	2144.9	2063.5	1916.8	1775.7
57.5°	24593.1	24117.9	20998.3	8028.4	3125.1	2039.0	1922.3	2085.2	2028.2	1865.3	1710.5
58°	24623.0	24158.7	21109.7	8074.6	3089.7	2020.0	1908.7	2058.0	2011.8	1843.6	1688.8
60°	24280.8	23881.8	21131.4	8009.4	2888.8	1925.0	1838.1	1946.7	1925.0	1715.9	1572.0
62.5°	23037.3	22611.1	20254.4	7480.0	2622.7	1808.2	1729.5	1797.4	1748.5	1536.8	1403.7
65°	21269.9	20485.2	18451.6	6649.2	2432.7	1683.3	1582.8	1588.3	1536.8	1384.7	1268.0
67.5°	18915.9	18038.9	15622.5	5603.9	2288.8	1544.9	1409.1	1395.6	1333.1	1235.3	1140.3
70°	16018.9	15418.9	12695.7	4558.6	2128.7	1392.9	1213.6	1205.5	1167.5	1094.1	1010.0
72.5°	12983.4	12220.6	10252.1	3649.0	1933.1	1246.2	1031.7	1048.1	999.1	947.6	871.5
75°	9581.5	9081.9	7925.3	2926.8	1669.8	1086.1	860.7	866.1	844.4	790.1	730.3
77.5°	6309.9	6160.5	5669.1	1922.3	1284.2	863.4	703.2	708.6	692.3	643.4	581.0
80°	4246.4	4145.9	3841.9	1238.0	858.0	624.4	543.0	548.4	545.7	494.2	410.0
82.5°	2617.4	2573.9	2476.2	836.2	594.6	448.0	358.4	374.7	404.5	347.5	279.6
85°	1235.3	1238.0	1496.0	456.2	350.3	287.8	195.4	209.1	209.1	209.1	157.4
87.5°	160.2	168.4	206.4	192.8	127.6	108.6	70.6	59.7	51.6	67.9	48.9
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°	10328.2	10328.2	10328.2	10328.2	10328.2	10328.2	10328.2	10328.2	10328.2	10328.2	10328.2
2.5°	8959.8	8905.4	8788.7	8761.5	8745.2	8791.4	8669.2	8701.8	8647.5	8799.6	8775.1
5°	7501.7	7507.2	7602.2	7664.6	7686.4	7664.6	7583.2	7442.0	7333.4	7290.0	7300.8
7.5°	6464.6	6559.6	6722.5	6904.4	7070.0	7118.9	7072.7	6803.9	6510.8	6326.1	6266.4
10°	6119.8	6247.4	6434.7	6578.6	6725.2	6842.0	6866.4	6657.4	6309.9	5872.7	5701.6
12.5°	6138.8	6312.5	6491.8	6537.8	6524.3	6570.5	6548.8	6513.5	6285.4	5728.8	5443.7
15°	5959.6	6166.0	6290.8	6266.4	6223.0	6182.2	6125.2	6035.6	5954.1	5563.2	5248.3
17.5°	5546.9	5758.7	5861.9	5870.0	5870.0	5859.2	5720.7	5688.1	5677.3	5487.2	5294.3
20°	5622.9	5739.7	5693.5	5617.5	5639.2	5712.5	5631.1	5614.8	5677.3	5761.4	5726.1
22.5°	5666.3	5625.6	5278.1	4941.5	4865.4	5093.4	5139.6	5321.5	5574.1	5878.2	6076.3
25°	5397.5	5069.0	4447.3	4067.2	3852.7	4064.5	4341.4	4678.1	5055.5	5446.4	5677.3
27.5°	4512.5	4262.7	3817.4	3475.3	3288.0	3320.5	3556.8	3863.6	4213.8	4477.1	4645.5
30°	3399.2	3288.0	3057.2	2940.4	2826.3	2799.3	2899.7	3016.4	3171.2	3203.8	3247.2
32.5°	2503.3	2487.0	2500.5	2462.5	2440.8	2438.1	2408.3	2435.5	2451.7	2470.7	2432.7
35°	2264.4	2242.6	2204.6	2193.7	2180.2	2185.6	2172.1	2158.5	2169.4	2185.6	2196.5
37.5°	2142.2	2109.6	2055.3	2036.3	2036.3	2044.5	2022.7	2017.3	2036.3	2087.9	2115.0
40°	2047.2	2009.1	1946.7	1922.3	1938.6	1960.3	1930.4	1919.6	1965.8	2020.0	2063.5
42.5°	1957.6	1927.7	1867.9	1840.8	1854.4	1895.1	1851.7	1843.6	1903.3	1963.0	2014.6
45°	1881.6	1851.7	1797.4	1783.8	1789.2	1827.2	1797.4	1797.4	1854.4	1919.6	1965.8
47.5°	1821.8	1783.8	1748.5	1737.7	1743.1	1764.8	1759.4	1759.4	1813.7	1881.6	1927.7
50°	1762.1	1729.5	1683.3	1688.8	1702.4	1732.2	1729.5	1737.7	1791.9	1876.1	1925.0
52.5°	1734.9	1686.0	1634.5	1639.9	1680.7	1715.9	1705.0	1713.2	1775.7	1933.1	2003.7
55°	1705.0	1639.9	1580.2	1588.3	1634.5	1686.0	1672.5	1683.3	1756.7	1971.1	2068.9
57.5°	1648.0	1572.0	1506.9	1512.3	1580.2	1634.5	1612.8	1626.3	1713.2	1930.4	2033.6
58°	1623.6	1558.5	1496.0	1498.7	1563.8	1623.6	1599.2	1610.0	1699.7	1919.6	2017.3
60°	1520.4	1482.4	1428.1	1430.9	1493.3	1544.9	1531.3	1542.1	1629.0	1840.8	1914.1
62.5°	1379.2	1357.5	1344.0	1344.0	1381.9	1430.9	1444.4	1458.0	1536.8	1664.3	1729.5
65°	1227.2	1227.2	1230.0	1230.0	1254.4	1316.8	1325.0	1360.2	1433.6	1496.0	1544.9
67.5°	1124.1	1118.6	1124.1	1110.5	1121.3	1159.3	1200.0	1232.7	1308.7	1352.1	1368.4
70°	991.0	988.3	991.0	972.0	985.6	1018.1	1045.3	1099.6	1178.3	1211.0	1219.0
72.5°	860.7	860.7	866.1	852.5	852.5	887.8	906.9	966.6	1039.9	1058.9	1061.6
75°	724.9	733.1	733.1	714.1	719.5	741.2	765.6	814.5	882.4	896.0	896.0
77.5°	575.6	605.4	605.4	586.4	594.6	597.3	629.9	654.3	705.9	711.3	689.6
80°	418.1	448.0	472.4	456.2	469.7	453.4	472.4	488.7	540.3	515.9	480.5
82.5°	298.6	320.3	339.3	342.1	328.5	298.6	323.1	325.8	350.3	317.6	298.6
85°	165.6	184.6	209.1	198.2	176.4	157.4	165.6	171.1	168.4	160.2	149.4
87.5°	43.5	46.2	51.6	38.0	35.3	29.9	40.7	40.7	46.2	48.9	46.2
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	10328.2	10328.2	10328.2	10328.2	10328.2	10328.2	10328.2	10328.2	10328.2	10328.2	10328.2
2.5°	8794.1	8913.6	9171.5	9367.0	9605.9	9896.5	10238.5	10583.3	10955.3	11072.1	11235.0
5°	7276.4	7575.1	7699.9	8055.6	8408.6	8938.0	9502.7	10157.1	10873.9	11218.7	11549.9
7.5°	6217.5	6377.7	6508.0	6768.7	7192.2	7835.7	8544.3	9361.6	10377.0	10879.3	11365.3
10°	5647.3	5663.6	5823.8	6147.0	6516.2	7083.7	7754.3	8669.2	9801.4	10412.3	10982.5
12.5°	5270.0	5199.4	5373.1	5709.8	6127.9	6651.9	7268.3	8139.8	9386.0	10013.2	10702.8
15°	4938.7	4827.4	4957.7	5302.5	5715.2	6331.6	6994.0	7917.2	9223.1	9953.5	10719.1
17.5°	4946.8	4640.0	4686.2	4976.7	5386.7	6013.9	6817.6	7909.0	9470.2	10311.8	11218.7
20°	5557.7	5066.4	4857.3	4911.5	5308.0	5992.1	6899.0	8289.1	10282.0	11509.2	12478.5
22.5°	6157.8	5861.9	5525.2	5413.9	5631.1	6347.9	7417.5	9187.8	12046.7	13895.8	15647.0
25°	5948.7	6201.2	6117.0	5959.6	6008.4	6603.0	7770.5	9926.3	13417.9	15500.3	17145.6
27.5°	4759.6	5218.4	5310.7	5308.0	5327.0	5815.7	6988.6	9429.5	13589.0	15807.2	17379.2
30°	3345.0	3385.7	3434.6	3529.6	3616.5	4053.6	5468.2	8278.2	13512.9	15945.6	17520.4
32.5°	2413.7	2468.0	2535.9	2666.2	2872.5	3429.1	4783.9	7911.7	13914.8	16518.5	17933.1
35°	2207.4	2269.8	2335.0	2484.3	2679.8	3195.6	4512.5	7759.7	14574.5	17447.0	18674.2
37.5°	2142.2	2212.8	2269.8	2378.4	2535.9	3027.3	4265.4	7656.5	15250.5	18429.9	19668.0
40°	2096.0	2177.5	2223.6	2310.6	2419.1	2872.5	4045.5	7575.1	15904.9	19328.6	20466.2
42.5°	2055.3	2139.5	2199.2	2261.6	2351.3	2734.1	3849.9	7493.6	16472.3	20200.1	21261.7
45°	2006.5	2112.3	2188.4	2237.2	2315.9	2617.4	3700.7	7428.5	17118.6	20974.0	22065.4
47.5°	1965.8	2082.5	2177.5	2234.5	2264.4	2535.9	3581.1	7518.0	17895.1	21783.0	22812.0
50°	1968.4	2079.7	2199.2	2288.8	2210.1	2468.0	3507.9	7873.7	18905.0	22744.2	23401.2
52.5°	2055.3	2191.1	2286.1	2307.8	2134.0	2386.5	3469.9	8495.4	20099.6	23594.0	23995.8
55°	2153.0	2294.2	2397.4	2383.8	2093.3	2283.4	3461.7	9157.9	21408.3	24585.0	24769.6
57.5°	2117.7	2324.1	2481.5	2411.0	2096.0	2182.9	3426.4	9692.8	22502.5	25326.2	25535.3
58°	2106.9	2313.3	2492.5	2405.5	2087.9	2153.0	3418.2	9738.9	22654.5	25377.8	25643.9
60°	2001.0	2218.2	2484.3	2364.8	2041.7	2071.6	3328.7	9888.3	22613.8	25111.7	25709.0
62.5°	1808.2	1987.5	2296.9	2166.7	1900.6	1963.0	3127.8	9703.6	21511.5	23830.2	24756.0
65°	1591.0	1724.0	1930.4	1906.0	1699.7	1851.7	2853.5	8973.3	19304.1	21750.4	22725.2
67.5°	1428.1	1536.8	1667.0	1631.8	1528.6	1702.4	2557.6	7738.0	16828.0	19252.6	20479.8
70°	1262.5	1346.7	1411.9	1387.4	1354.9	1555.8	2294.2	6280.0	14455.0	16879.6	18068.8
72.5°	1094.1	1172.9	1227.2	1191.9	1172.9	1400.9	2079.7	4873.5	11416.9	13925.6	15454.2
75°	915.0	993.7	1031.7	991.0	980.1	1235.3	1762.1	3640.9	8566.1	10735.4	12054.9
77.5°	708.6	792.8	841.7	828.1	833.5	1015.4	1422.7	2492.5	6125.2	7317.1	8707.2
80°	496.9	589.2	621.8	608.2	646.2	773.8	1004.6	1582.8	4224.7	4748.6	5728.8
82.5°	306.8	393.7	399.1	412.7	439.8	572.9	757.5	963.9	2652.6	2742.2	3453.6
85°	154.7	187.4	200.9	222.6	247.1	350.3	431.7	597.3	1707.8	1292.4	1930.4
87.5°	51.6	54.3	65.2	81.5	100.5	143.9	184.6	244.4	423.5	233.5	597.3
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°	10328.2	10328.2	10328.2	10328.2	10328.2	10328.2	10328.2	10328.2	10328.2	10328.2
2.5°	11563.5	11794.3	11962.6	12117.4	11968.0	11954.5	11807.8	11571.7	11473.9	11473.9
5°	12245.0	12785.3	13222.4	13502.1	13382.6	13094.8	12619.6	12014.2	11688.4	11631.4
7.5°	12432.3	13499.3	14311.1	14598.9	14398.0	13762.7	12853.2	11832.3	11365.3	11262.1
10°	12318.3	13705.7	14897.6	15353.7	15074.1	14112.9	12872.2	11620.5	11044.9	10925.4
12.5°	12198.8	13732.9	15006.2	15666.0	15484.1	14395.3	13010.6	11482.0	10816.9	10645.8
15°	12285.7	13743.7	14873.2	15554.6	15671.4	14734.7	13238.7	11582.5	10770.7	10588.8
17.5°	12834.2	13950.0	14683.1	15234.3	15644.2	15196.3	13887.6	12063.1	11183.4	10958.1
20°	13979.9	14444.2	14791.7	15218.0	15877.7	16138.4	15215.3	13382.6	12342.7	12144.5
22.5°	17297.7	17213.6	16502.2	16494.0	17449.7	18495.1	18432.6	16065.0	14501.2	14338.3
25°	18541.2	18150.2	17121.2	16871.5	17292.3	18905.0	18671.5	16613.5	15169.1	14772.7
27.5°	18055.3	17085.9	16409.9	16352.9	16214.4	17737.5	18299.6	16836.1	15402.6	15017.1
30°	18025.3	16599.9	15633.3	15747.4	15880.4	17335.7	18506.0	17533.9	15999.9	15587.3
32.5°	18098.7	16667.9	15690.4	15712.2	16108.5	17395.5	18734.0	18294.2	16784.6	16371.9
35°	18394.6	17053.4	16054.2	16002.6	16621.7	17786.4	19122.2	19488.7	17857.0	17387.3
37.5°	18872.5	17821.7	16719.4	16705.8	17604.5	18492.3	19605.6	20694.2	18924.0	18419.1
40°	19575.7	18720.4	17903.2	17829.9	18940.3	19640.8	20232.7	21978.5	20164.8	19515.9
42.5°	20425.5	19798.3	19464.4	19754.8	20821.9	20930.5	21210.1	23165.0	21221.0	20466.2
45°	21212.9	21183.0	21647.3	22418.4	23040.1	22388.5	22231.0	23960.5	22040.9	21221.0
47.5°	22149.6	22958.6	24359.6	25489.1	26140.7	24085.4	23102.5	24479.1	22638.3	21883.5
50°	23099.8	25084.5	27321.7	28896.5	29034.9	25929.0	23702.6	24967.8	23181.2	22396.6
52.5°	24098.9	26781.5	29759.9	31589.9	31321.0	27533.5	24283.6	25299.0	23740.6	23051.0
55°	24967.8	27821.4	31122.9	32879.5	32485.8	28511.0	24910.8	25657.4	24538.8	23957.8
57.5°	25453.8	27908.2	30783.5	32317.5	31891.2	28320.9	25198.5	25923.5	25049.3	24593.1
58°	25524.4	27791.4	30482.1	31991.7	31557.3	28160.7	25195.9	25912.6	25081.8	24623.0
60°	25461.9	27033.9	29360.7	30704.7	30248.6	27156.1	25092.7	25709.0	24669.1	24280.8
62.5°	24883.6	25719.9	27424.9	28402.3	28272.1	25586.8	24669.1	24940.6	23412.1	23037.3
65°	24123.4	23927.9	24946.1	25638.4	25736.2	24411.2	24248.3	23279.0	21799.3	21269.9
67.5°	23200.2	21897.0	21894.3	22288.0	22450.9	22603.0	23371.3	21473.5	19475.2	18915.9
70°	21633.7	18766.6	17903.2	18367.4	18231.7	19515.9	21804.8	18937.6	16673.2	16018.9
72.5°	18761.1	14892.2	13510.2	14107.5	13765.4	15304.9	19078.8	15584.5	13787.1	12983.4
75°	15207.1	11140.0	9714.6	10263.0	10051.2	11609.7	15875.1	11319.1	9888.3	9581.5
77.5°	11807.8	8071.9	7243.8	7167.8	7325.3	8639.3	11644.9	7642.9	6518.9	6309.9
80°	7585.9	5777.7	5826.5	5728.8	5810.2	5446.4	7070.0	4876.3	4414.7	4246.4
82.5°	4993.0	4026.5	4800.3	4431.0	4208.4	3662.6	4637.4	3192.9	2709.6	2617.4
85°	3402.0	2964.9	2698.8	2063.5	2430.0	2821.0	3478.0	1718.7	1362.9	1235.3
87.5°	1536.8	1031.7	757.5	467.0	738.5	852.5	1688.8	200.9	154.7	160.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)