

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: P651955

Luminaire Tested: **GALN-SA6A-840-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P651955
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-24)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SA6A-840-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 80 CRI, 4000K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS WITH WHITE GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16984.8 lumens
Efficiency: N/A
Efficacy: 93.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B3 - U0 - G2

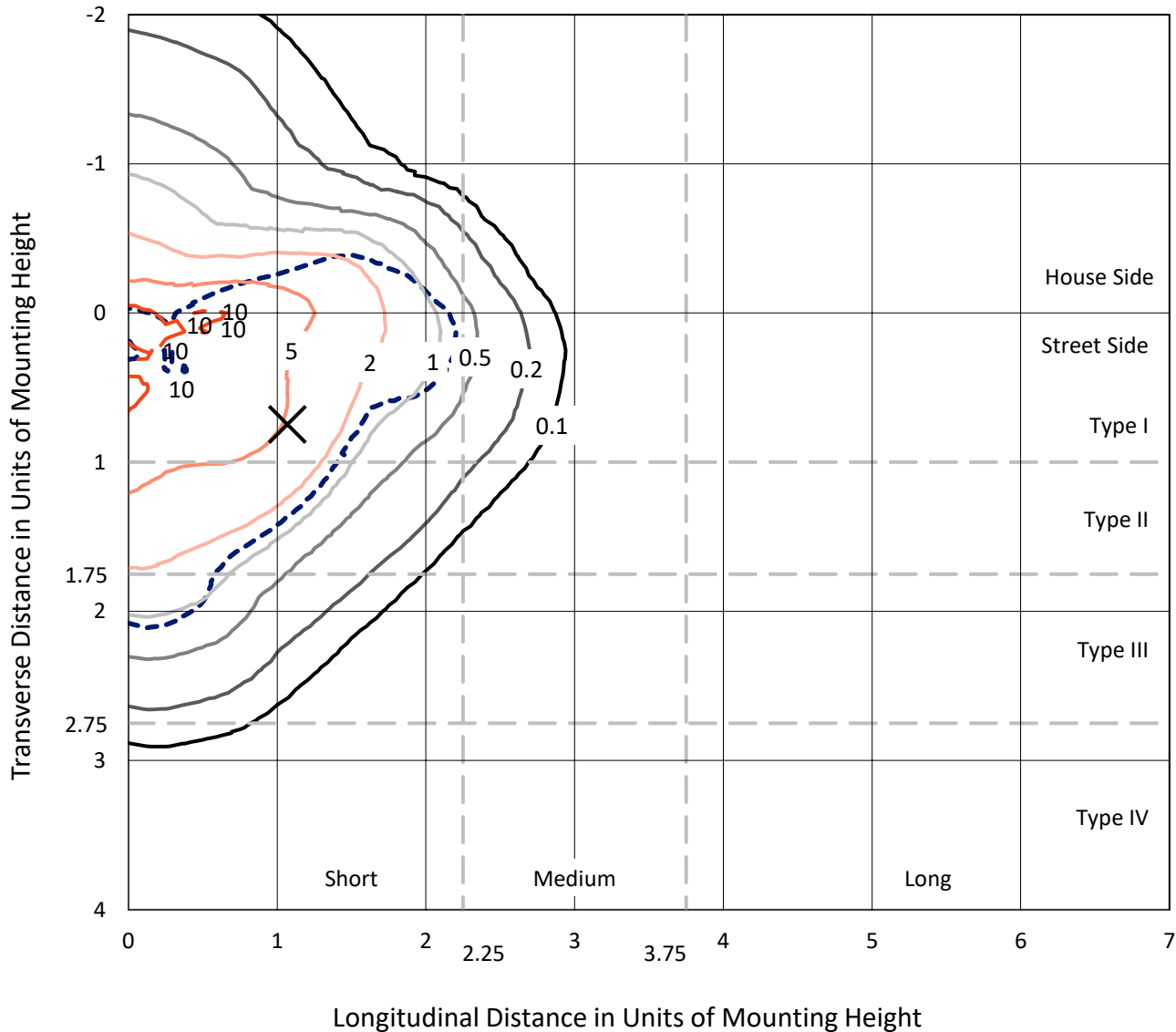
Input Watts (W): 182
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

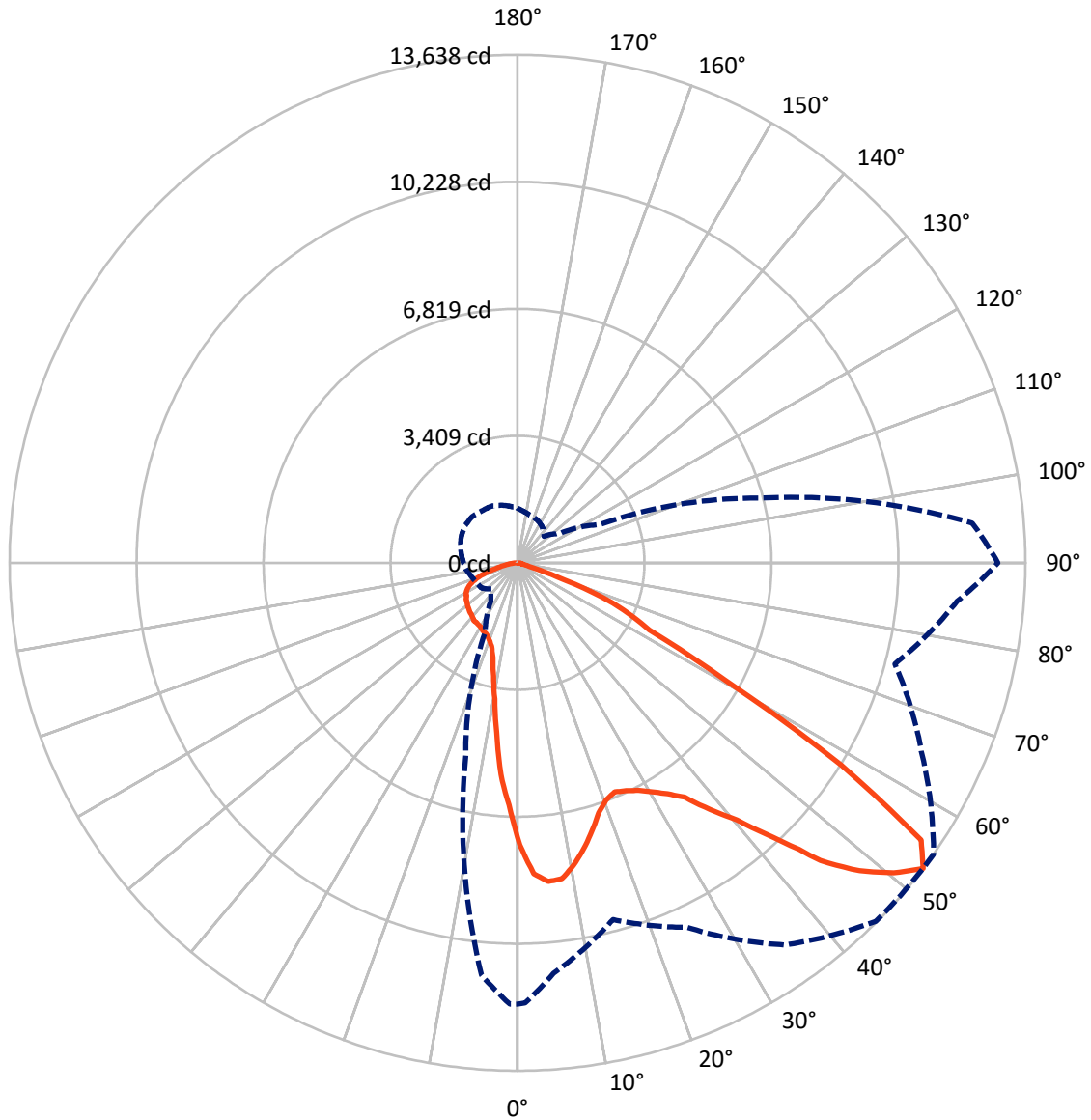
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.9 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 55-Deg Lateral - - - Horizontal Cone Through 52.5-Deg Vertical

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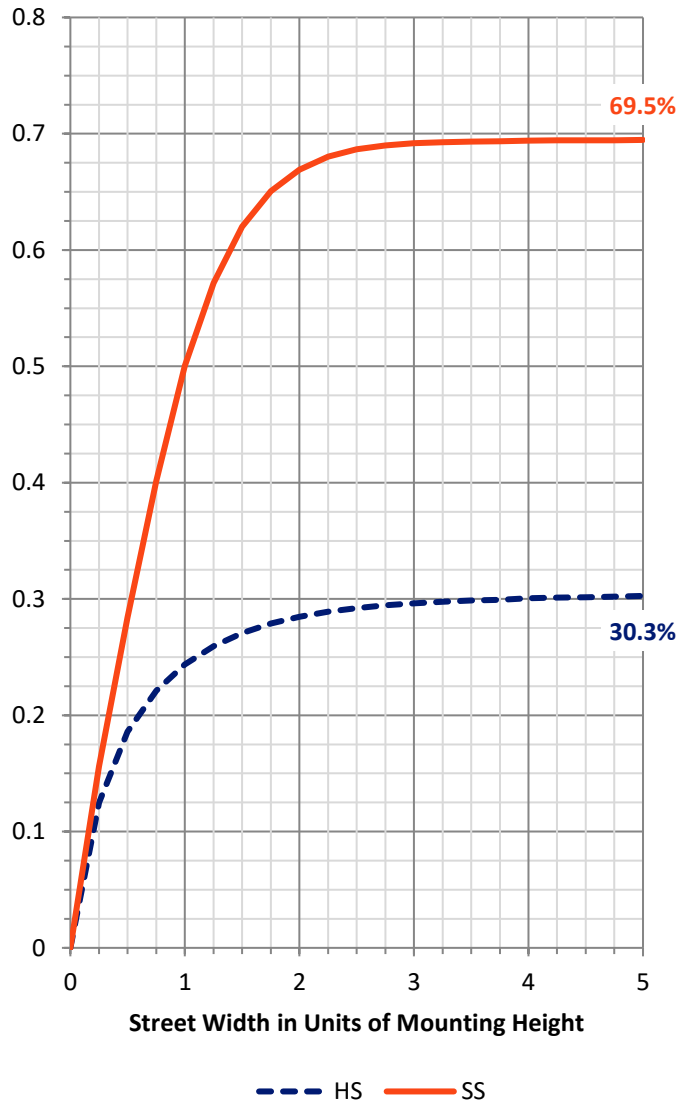
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5181.3	0.0	5181.3
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	11803.5	0.0	11803.5
	% Fixture	69.5	0.0	69.5
Total	Lumens	16984.8	0.0	16984.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	578.8	3.4
10°-20°	1248.0	7.3
20°-30°	1892.4	11.1
30°-40°	2734.3	16.1
40°-50°	3653.7	21.5
50°-60°	4078.4	24.0
60°-70°	2237.2	13.2
70°-80°	483.7	2.8
80°-90°	78.2	0.5
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°	16984.8	100.0
0°-180°	16984.8	100.0

Coefficient of Utilization



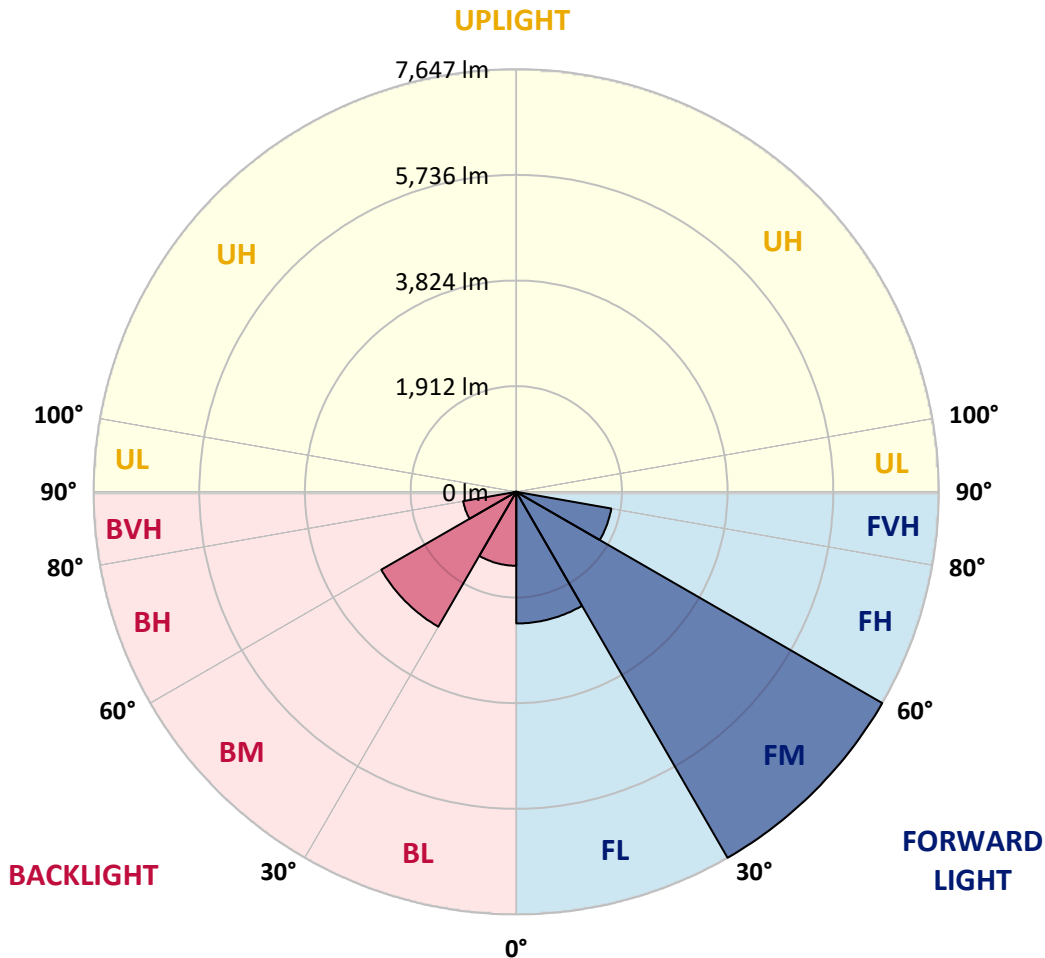
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2381.6	14.0			
FM (30°-60°)	7647.4	45.0			
FH (60°-80°)	1745.6	10.3			G1/1800
FVH (80°-90°)	29.0	0.2			G1/100
BL (0°-30°)	1337.7	7.9	B3/2500		
BM (30°-60°)	2819.0	16.6	B3/5000		
BH (60°-80°)	975.2	5.7	B2/1000		G2/1000
BVH (80°-90°)	49.3	0.3			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	7576.6	7576.6	7576.6	7576.6	7576.6	7576.6	7576.6	7576.6	7576.6	7576.6	7576.6
2.5°	7951.1	7906.4	7946.1	8134.6	8243.7	8318.1	8365.2	8357.8	8179.2	8005.6	8005.6
5°	7717.9	7660.8	7742.8	8169.3	8598.3	8635.6	8697.5	8595.9	8333.0	8015.5	7618.7
7.5°	7043.4	7085.5	7221.9	7782.4	8340.4	8620.7	8695.0	8566.1	8139.5	7546.8	6964.0
10°	6460.6	6559.7	6874.7	7479.9	7993.2	8357.8	8439.6	8258.5	7921.3	7194.6	6673.8
12.5°	6259.6	6197.7	6547.4	7152.5	7643.5	7839.5	7876.6	7889.0	7660.8	7016.0	6381.2
15°	6234.8	6274.5	6547.4	7006.1	7308.7	7318.6	7380.6	7477.3	7507.1	7137.6	6517.6
17.5°	6592.0	6544.8	6825.1	7189.6	7045.8	6902.0	6916.9	7055.7	7301.2	7241.8	6946.7
20°	7120.2	7226.9	7447.6	7410.4	7023.5	6659.0	6661.4	6792.8	7276.5	7673.3	7544.3
22.5°	7998.2	8102.4	8266.0	7817.1	7023.5	6587.0	6502.7	6681.2	7435.2	8186.6	8218.9
25°	8799.2	8990.2	9034.8	8506.5	7375.7	6654.0	6599.4	6775.5	7593.9	8687.6	8992.6
27.5°	9528.4	9597.8	9793.7	8950.5	7571.6	6698.6	6693.7	6919.3	7794.8	8938.1	9684.6
30°	10103.7	10096.3	10207.9	9230.7	7884.0	6949.1	6708.6	7135.1	8057.7	9352.3	10324.5
32.5°	10495.6	10579.9	10815.5	9620.1	8015.5	7187.2	6998.7	7388.1	8377.6	9548.2	10775.8
35°	11185.0	11331.4	11033.8	9835.9	8432.2	7422.8	7202.1	7732.8	8536.3	9761.5	11328.9
37.5°	11834.8	11723.2	11420.6	9952.5	8702.5	7859.3	7653.4	8399.9	9029.9	10225.2	11695.9
40°	12251.4	12249.0	11710.8	10046.7	8893.5	8526.4	8514.0	9077.0	9635.0	10517.9	12107.6
42.5°	12432.5	12606.1	11829.8	10036.7	9295.2	9334.9	9585.4	10088.8	10064.1	10577.4	12097.7
44°	12680.5	12784.6	12035.7	10059.1	9563.1	9880.5	10470.8	10790.7	10438.5	10545.1	12085.3
45°	12670.6	12678.0	11743.1	10088.8	9791.3	10336.8	10865.1	11405.7	10768.3	10475.7	12249.0
47.5°	12380.4	12296.1	11495.0	9868.1	10503.0	11542.1	12030.8	12358.1	11175.1	10326.9	12045.6
50°	11807.6	11710.8	10892.4	9773.8	10651.9	12291.1	12965.7	13084.7	11544.7	10180.6	11844.7
52.5°	11847.2	11819.9	11063.5	9915.2	10800.6	12526.7	13608.1	13637.8	11963.7	10488.1	11847.2
55°	12556.5	12462.3	11554.6	10091.3	10691.5	12251.4	13198.8	13146.8	11822.4	10302.2	12065.4
57.5°	11490.1	11552.1	10875.1	9394.4	9357.2	9959.9	10376.5	10247.6	9865.6	9297.7	11224.7
60°	9270.4	9446.5	9511.0	7856.8	7060.7	6750.7	6626.7	6398.5	6463.0	7638.6	9860.6
62.5°	7951.1	7941.1	8345.3	7122.7	4625.3	3978.0	3918.5	3970.5	4714.6	7519.5	9657.3
65°	6304.3	6472.9	6597.0	6036.4	3660.5	2953.8	2951.2	3281.1	4079.7	6284.5	7797.2
67.5°	4002.8	4223.5	4377.3	3861.5	2447.8	2103.1	2046.1	2442.9	2827.3	4121.8	4694.7
70°	2256.8	2361.0	2430.5	2227.1	1557.4	1091.2	1026.8	1121.0	1708.7	2668.5	2782.6
72.5°	870.5	917.6	1011.9	1019.3	587.8	352.1	285.2	342.3	719.2	1056.5	1006.9
75°	133.9	143.8	203.4	243.0	168.6	128.9	136.4	141.4	200.9	272.8	228.2
77.5°	64.5	64.5	62.0	71.9	84.4	91.8	99.2	109.2	119.0	131.4	126.5
80°	42.1	42.1	42.1	49.6	62.0	74.4	84.4	89.3	94.3	104.2	99.2
82.5°	27.2	27.2	27.2	37.2	49.6	62.0	66.9	79.4	89.3	104.2	96.7
85°	14.9	14.9	14.9	24.8	37.2	52.1	49.6	39.7	22.3	2.4	5.0
87.5°	5.0	5.0	5.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7576.6	7576.6	7576.6	7576.6	7576.6	7576.6	7576.6	7576.6	7576.6	7576.6	7576.6
2.5°	7797.2	7683.2	7673.3	7440.2	7231.8	7130.2	7048.3	6820.2	6869.7	6738.3	6735.8
5°	7420.3	7187.2	6810.2	6500.2	6190.2	6128.2	5857.9	5622.3	5629.7	5461.0	5490.8
7.5°	6743.2	6582.1	6123.2	5637.1	5225.5	4932.8	4677.4	4523.6	4327.7	4260.8	4226.0
10°	6314.2	6115.8	5600.0	4989.8	4528.5	4372.4	4126.8	3990.4	3789.5	3690.3	3620.8
12.5°	6125.8	5835.5	5190.7	4570.8	4263.2	4102.0	3893.7	3645.7	3407.6	3315.8	3189.3
15°	6145.5	5798.4	5071.7	4402.0	4032.6	3720.1	3534.1	3258.8	3015.7	2854.5	2762.8
17.5°	6445.7	6024.0	5126.2	4273.1	3742.4	3350.5	2986.0	2688.3	2494.9	2373.4	2343.6
20°	7155.0	6582.1	5218.0	4064.8	3452.2	2963.7	2514.8	2204.8	2056.0	2053.5	2056.0
22.5°	7745.2	7177.3	5404.0	3940.8	3162.1	2467.7	2021.3	1922.0	1892.2	1954.3	1961.7
25°	8541.3	7846.9	5723.9	3876.3	2894.2	2103.1	1827.8	1790.6	1788.1	1867.4	1870.0
27.5°	9357.2	8432.2	5914.9	3687.9	2621.4	1914.6	1711.3	1703.8	1743.5	1827.8	1820.3
30°	9912.8	8923.2	6259.6	3462.1	2299.0	1748.4	1664.1	1674.0	1728.6	1793.1	1803.0
32.5°	10560.0	9406.8	6349.0	3338.2	2100.6	1609.6	1550.0	1572.3	1641.8	1743.5	1798.1
35°	11301.6	9749.0	6485.3	3169.5	2026.2	1503.0	1473.2	1498.0	1582.3	1649.2	1708.7
37.5°	11849.7	10354.2	6510.1	3038.0	1944.4	1443.4	1396.2	1478.1	1527.7	1622.0	1651.7
40°	12256.4	10793.1	6574.6	2956.2	1879.9	1366.5	1366.5	1421.0	1488.1	1574.9	1634.3
42.5°	12516.8	11113.1	6621.7	2881.9	1755.8	1344.2	1331.8	1386.4	1475.6	1560.0	1587.2
44°	12675.6	11249.5	6574.6	2812.4	1721.2	1316.9	1316.9	1364.0	1433.5	1532.6	1564.9
45°	12715.2	11420.6	6470.5	2809.9	1679.0	1284.6	1279.7	1369.0	1416.1	1537.6	1557.4
47.5°	12869.0	11631.5	6482.8	2730.6	1577.3	1207.8	1294.6	1334.2	1376.5	1483.1	1550.0
50°	12864.0	11762.9	6455.6	2614.0	1503.0	1121.0	1264.9	1309.4	1351.7	1460.7	1488.1
52.5°	12898.8	12254.0	6706.0	2428.0	1369.0	1009.4	1165.6	1264.9	1316.9	1408.7	1465.7
55°	12881.3	12534.2	6954.1	2289.1	1180.5	942.4	1081.3	1197.8	1272.3	1369.0	1396.2
57.5°	11765.3	11078.4	6435.8	2028.7	977.2	863.0	962.3	1128.5	1222.6	1321.9	1356.6
60°	9612.6	8538.8	5307.3	1493.0	803.6	793.7	895.3	1106.1	1145.8	1232.6	1292.1
62.5°	8883.6	7489.8	4208.6	1140.8	687.0	726.6	825.9	999.4	1061.4	1168.1	1222.6
65°	6951.5	4975.0	2606.5	771.3	605.1	652.3	746.5	875.5	977.2	1076.3	1140.8
67.5°	4116.9	2718.1	1289.6	540.7	528.2	577.9	674.6	771.3	887.8	997.0	1029.2
70°	2241.9	1336.8	550.6	411.7	448.9	493.5	587.8	654.7	766.3	850.7	905.3
72.5°	719.2	406.7	275.3	305.0	342.3	394.3	451.4	533.2	612.6	662.2	706.8
75°	173.6	171.1	196.0	213.3	248.0	287.7	334.8	376.9	439.0	486.1	525.8
77.5°	121.5	131.4	151.3	176.1	188.5	203.4	233.1	265.3	292.7	327.4	352.1
80°	94.3	101.7	116.6	128.9	141.4	153.7	168.6	181.1	198.4	220.8	233.1
82.5°	89.3	94.3	109.2	116.6	111.6	109.2	119.0	124.0	126.5	133.9	141.4
85°	7.4	0.0	5.0	17.3	42.1	62.0	66.9	66.9	64.5	69.5	69.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	9.9	7.4
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°	7576.6	7576.6	7576.6	7576.6	7576.6	7576.6	7576.6	7576.6	7576.6	7576.6	7576.6
2.5°	6706.0	6621.7	6654.0	6693.7	6636.6	6505.1	6539.9	6525.0	6659.0	6649.0	6782.9
5°	5622.3	5490.8	5505.7	5699.1	5637.1	5704.1	5570.2	5552.9	5577.6	5590.0	5612.3
7.5°	4302.9	4285.5	4434.3	4598.0	4674.9	4595.6	4464.1	4434.3	4407.0	4352.5	4476.5
10°	3511.8	3516.7	3506.8	3630.8	3717.6	3700.2	3620.8	3610.9	3558.9	3539.0	3608.5
12.5°	3134.7	3067.8	3035.6	2995.9	3062.8	3107.5	3072.8	3048.0	3050.5	3075.3	3085.2
15°	2770.3	2728.0	2658.7	2614.0	2646.2	2623.9	2611.5	2661.1	2648.7	2643.8	2703.2
17.5°	2361.0	2395.8	2390.8	2341.2	2383.3	2366.0	2363.5	2328.7	2281.6	2246.9	2266.7
20°	2090.6	2155.1	2204.8	2207.2	2229.6	2227.1	2189.9	2083.2	2048.5	2041.1	2046.1
22.5°	1993.9	2028.7	2088.2	2172.6	2172.6	2132.9	2088.2	1964.2	1931.9	1897.2	1882.3
25°	1917.1	1984.0	2061.0	2070.9	2110.5	2073.3	2001.4	1939.4	1872.4	1825.3	1825.3
27.5°	1877.4	1951.8	2008.8	2026.2	2080.8	2051.0	1976.6	1897.2	1817.9	1815.4	1773.2
30°	1860.0	1929.5	1966.7	2008.8	2033.6	1986.5	1964.2	1879.9	1800.5	1780.6	1711.3
32.5°	1808.0	1907.1	1976.6	1966.7	1986.5	1966.7	1934.5	1865.0	1775.7	1731.1	1723.6
35°	1748.4	1847.7	1922.0	1974.1	1986.5	1944.4	1924.5	1830.3	1708.7	1686.5	1609.6
37.5°	1716.2	1775.7	1867.4	1951.8	1969.1	1946.8	1879.9	1783.2	1661.6	1636.8	1569.9
40°	1676.5	1753.4	1825.3	1894.8	1946.8	1892.2	1815.4	1721.2	1666.6	1592.2	1572.3
42.5°	1646.8	1733.6	1793.1	1870.0	1929.5	1857.5	1768.3	1703.8	1626.9	1577.3	1520.3
44°	1636.8	1716.2	1755.8	1850.1	1899.7	1845.2	1770.7	1703.8	1614.6	1569.9	1520.3
45°	1602.1	1711.3	1753.4	1837.8	1879.9	1835.2	1741.0	1674.0	1609.6	1555.0	1503.0
47.5°	1567.4	1641.8	1713.7	1780.6	1810.4	1795.5	1716.2	1634.3	1557.4	1525.2	1475.6
50°	1557.4	1631.9	1698.8	1760.8	1795.5	1765.8	1693.9	1614.6	1525.2	1473.2	1431.0
52.5°	1507.8	1599.7	1674.0	1693.9	1738.5	1721.2	1666.6	1579.8	1495.5	1450.8	1416.1
55°	1435.9	1532.6	1634.3	1659.1	1723.6	1696.4	1614.6	1532.6	1460.7	1393.8	1349.1
57.5°	1408.7	1503.0	1602.1	1634.3	1674.0	1629.4	1609.6	1522.7	1408.7	1373.9	1304.5
60°	1339.2	1458.3	1540.1	1614.6	1617.0	1604.6	1569.9	1470.7	1376.5	1312.0	1262.3
62.5°	1284.6	1396.2	1460.7	1530.2	1572.3	1537.6	1503.0	1411.1	1309.4	1237.5	1180.5
65°	1205.3	1307.0	1361.6	1403.7	1450.8	1445.8	1386.4	1319.4	1212.7	1155.7	1101.1
67.5°	1083.8	1173.0	1247.5	1287.2	1316.9	1309.4	1264.9	1217.7	1108.6	1051.5	1011.9
70°	937.5	1029.2	1076.3	1098.7	1128.5	1143.3	1108.6	1086.2	989.5	915.2	877.9
72.5°	754.0	813.4	882.9	902.7	915.2	925.1	925.1	905.3	806.0	776.2	711.7
75°	555.6	602.7	654.7	654.7	677.1	679.5	684.5	672.1	597.7	558.0	543.1
77.5°	376.9	411.7	453.9	471.2	486.1	483.6	481.1	446.4	406.7	389.4	374.5
80°	245.5	280.2	300.1	322.4	337.3	334.8	339.8	315.0	297.6	267.9	272.8
82.5°	146.3	173.6	193.4	220.8	220.8	228.2	228.2	220.8	203.4	188.5	188.5
85°	69.5	91.8	104.2	121.5	131.4	133.9	119.0	101.7	84.4	76.9	84.4
87.5°	12.4	17.3	24.8	22.3	27.2	24.8	24.8	24.8	24.8	19.8	22.3
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°	7576.6	7576.6	7576.6	7576.6	7576.6	7576.6	7576.6	7576.6	7576.6	7576.6
2.5°	6733.3	6857.3	6944.1	7087.9	7336.0	7534.4	7737.8	7889.0	7906.4	7951.1
5°	5694.2	5761.2	5981.9	6269.6	6472.9	6807.7	7023.5	7415.3	7561.7	7717.9
7.5°	4446.7	4555.9	4851.0	5044.4	5490.8	5910.0	6344.0	6827.6	7021.0	7043.4
10°	3749.9	3908.5	4109.5	4419.5	4662.5	5128.8	5669.4	6207.6	6423.3	6460.6
12.5°	3293.5	3496.9	3764.7	3987.9	4221.1	4627.8	5146.1	5810.7	6091.0	6259.6
15°	2854.5	3065.4	3360.5	3670.5	3876.3	4362.4	4972.5	5721.5	6086.1	6234.8
17.5°	2403.2	2599.1	2842.2	3177.0	3591.1	4136.7	4945.2	6019.1	6418.3	6592.0
20°	2016.3	2125.4	2408.1	2752.8	3271.2	3906.1	4955.2	6458.0	7043.4	7120.2
22.5°	1865.0	1889.8	2001.4	2318.8	2886.8	3670.5	5131.2	7080.5	7745.2	7998.2
25°	1748.4	1743.5	1773.2	1986.5	2606.5	3578.7	5304.9	7653.4	8524.0	8799.2
27.5°	1683.9	1634.3	1636.8	1837.8	2408.1	3429.9	5528.1	8310.7	9406.8	9528.4
30°	1651.7	1641.8	1612.0	1693.9	2192.4	3206.7	5565.2	8957.9	9927.7	10103.7
32.5°	1631.9	1535.2	1498.0	1527.7	1989.0	2963.7	5704.1	9384.5	10572.5	10495.6
35°	1532.6	1445.8	1421.0	1450.8	1845.2	2827.3	5612.3	9756.5	11056.0	11185.0
37.5°	1495.5	1418.6	1369.0	1344.2	1711.3	2713.2	5565.2	10329.4	11524.8	11834.8
40°	1460.7	1378.9	1319.4	1294.6	1607.1	2561.9	5550.3	10770.9	12065.4	12251.4
42.5°	1421.0	1369.0	1302.0	1257.4	1480.6	2410.6	5379.2	10907.3	12231.6	12432.5
44°	1408.7	1329.3	1259.9	1245.0	1431.0	2333.7	5344.5	11031.2	12375.5	12680.5
45°	1396.2	1321.9	1242.5	1222.6	1413.6	2291.6	5297.4	11061.0	12613.6	12670.6
47.5°	1361.6	1314.4	1237.5	1183.0	1376.5	2199.8	5156.0	10892.4	12370.5	12380.4
50°	1334.2	1279.7	1200.4	1093.7	1326.8	2122.9	5220.5	10830.4	11785.2	11807.6
52.5°	1304.5	1222.6	1178.0	994.5	1245.0	2058.4	5356.9	11110.6	11852.1	11847.2
55°	1269.8	1180.5	1071.3	910.2	1108.6	1976.6	5686.8	11663.7	12472.2	12556.5
57.5°	1215.2	1138.4	982.1	835.8	952.3	1820.3	5580.1	10604.7	11475.2	11490.1
60°	1143.3	1071.3	890.4	778.8	781.2	1435.9	4989.8	8263.5	9054.6	9270.4
62.5°	1073.9	1034.2	813.4	696.9	664.6	1143.3	4218.5	6867.3	7772.4	7951.1
65°	992.0	895.3	746.5	634.9	570.5	801.1	2988.5	5131.2	6063.7	6304.3
67.5°	887.8	783.7	657.2	558.0	488.5	535.7	1542.6	2916.5	3861.5	4002.8
70°	776.2	679.5	553.0	471.2	394.3	369.5	679.5	1391.3	2110.5	2256.8
72.5°	637.4	548.1	441.4	372.0	295.1	255.4	228.2	372.0	749.0	870.5
75°	461.3	399.3	332.4	265.3	208.3	163.7	133.9	111.6	124.0	133.9
77.5°	339.8	290.1	245.5	188.5	146.3	116.6	91.8	69.5	66.9	64.5
80°	265.3	235.6	196.0	151.3	114.1	86.8	64.5	47.1	42.1	42.1
82.5°	208.3	193.4	161.2	124.0	94.3	69.5	47.1	32.2	27.2	27.2
85°	79.4	79.4	116.6	101.7	71.9	49.6	32.2	17.3	14.9	14.9
87.5°	19.8	19.8	19.8	19.8	17.3	14.9	14.9	7.4	5.0	5.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)