

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: P530914

Luminaire Tested: **GALN-SA6A-830-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P530914
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-830-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 80 CRI, 3000K, 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: 16049 lumens
Efficiency: N/A
Efficacy: 88.2 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



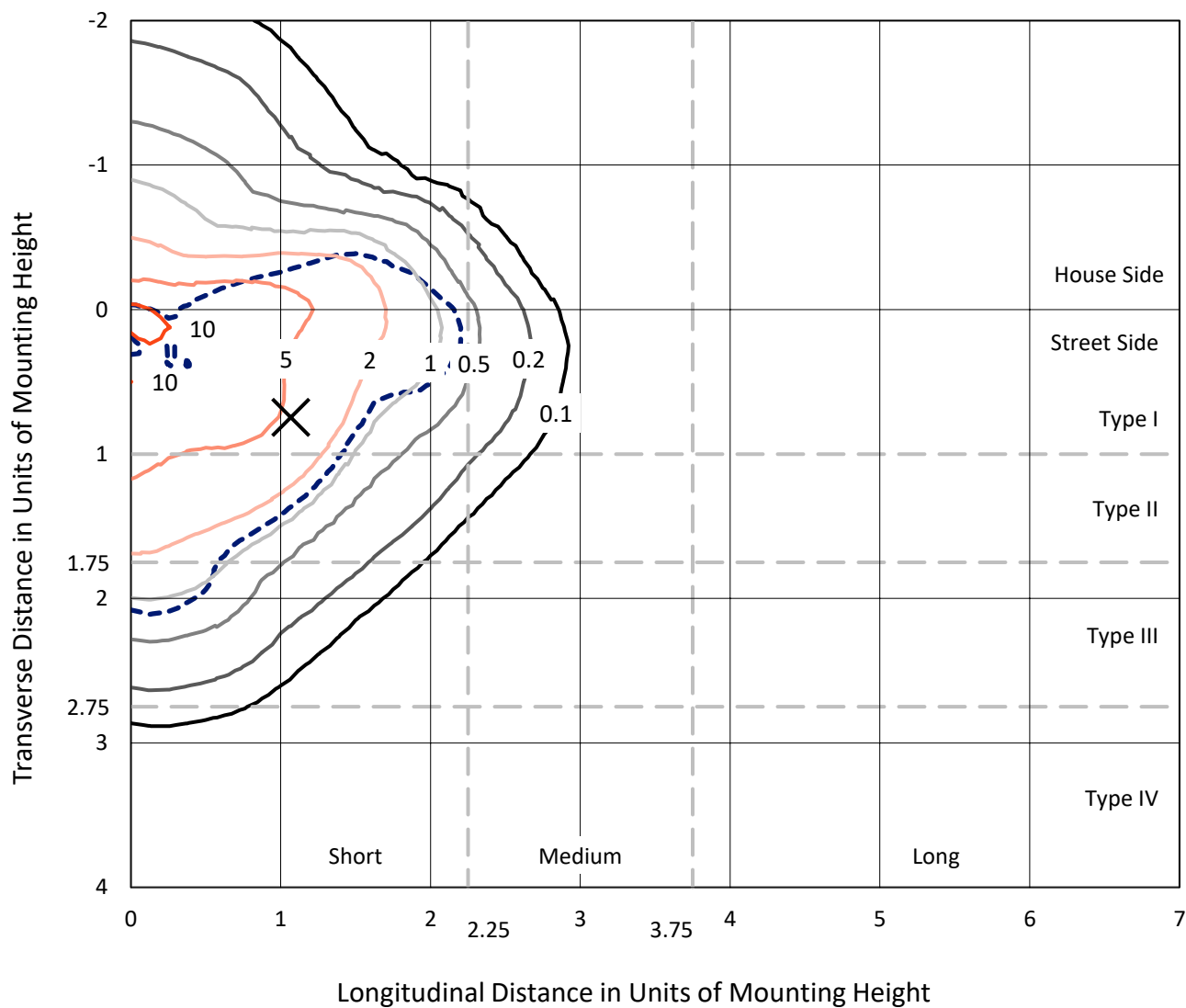
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

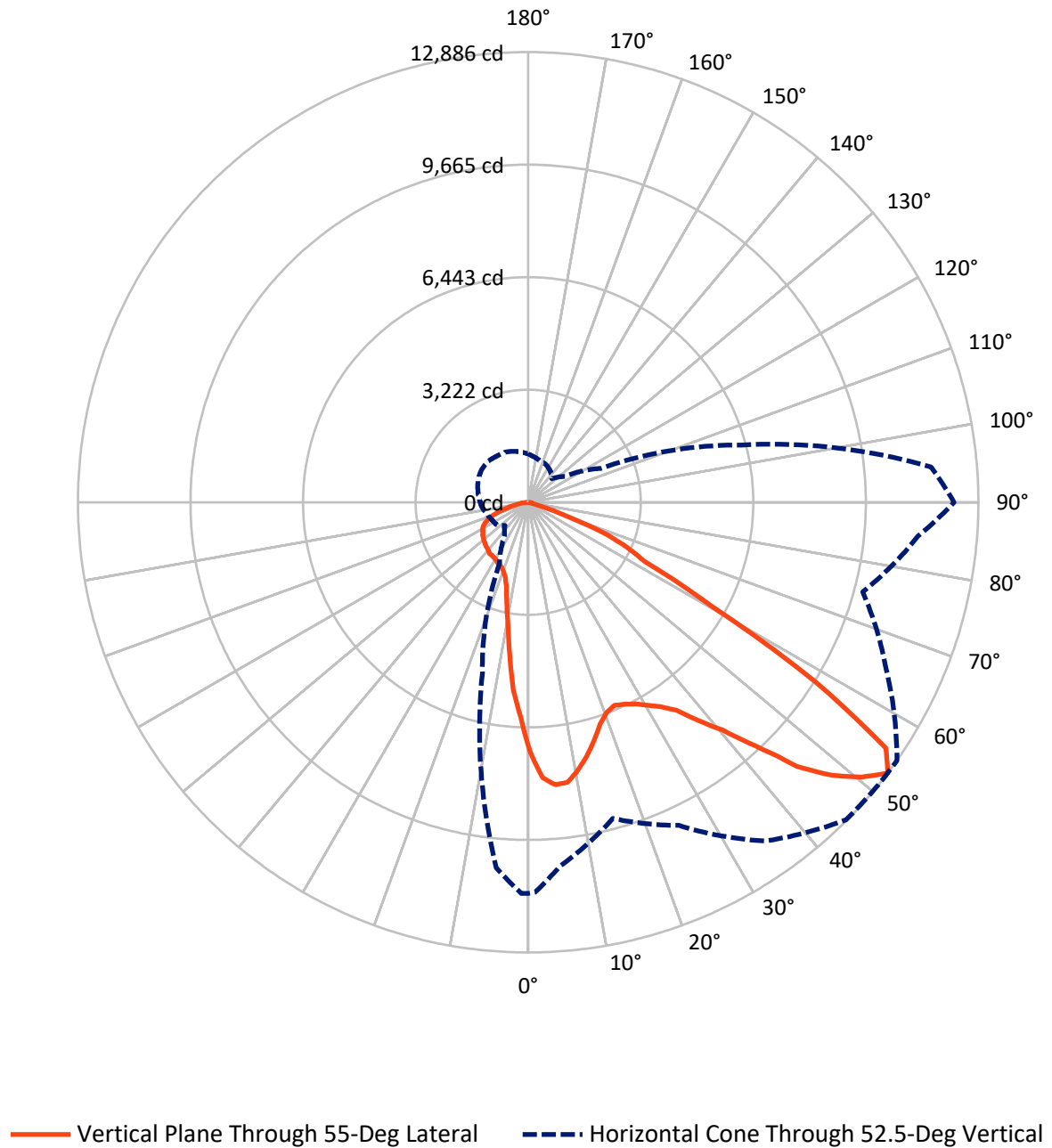


Based on 25 foot mounting height. Maximum calculated value = 12.2 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4895.8	0.0	4895.8
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	11153.2	0.0	11153.2
	% Fixture	69.5	0.0	69.5
Total	Lumens	16049.0	0.0	16049.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	546.9	3.4
10°-20°	1179.3	7.3
20°-30°	1788.2	11.1
30°-40°	2583.6	16.1
40°-50°	3452.4	21.5
50°-60°	3853.7	24.0
60°-70°	2113.9	13.2
70°-80°	457.0	2.8
80°-90°	73.9	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°	16049.0	100.0
0°-180°	16049.0	100.0

Coefficient of Utilization



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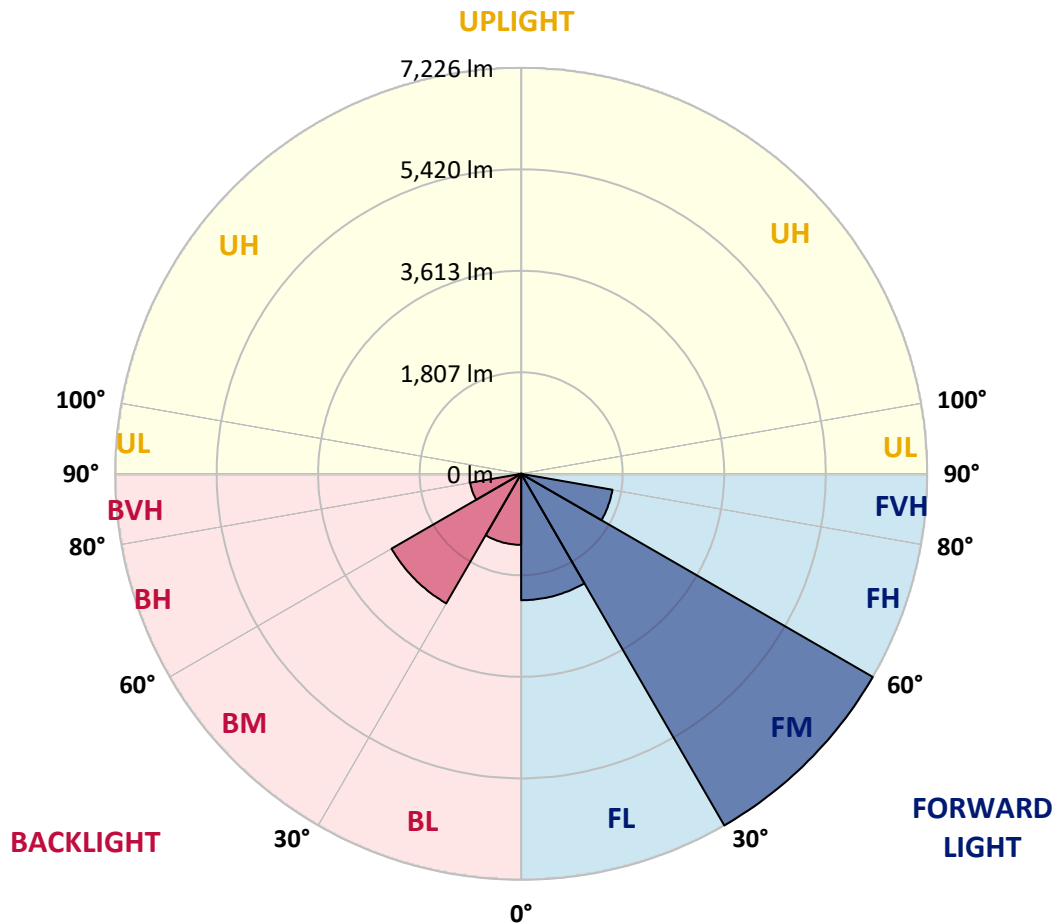
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2250.4	14.0			
FM	(30°-60°)	7226.0	45.0			
FH	(60°-80°)	1649.4	10.3			G1/1800
FVH	(80°-90°)	27.4	0.2			G1/100
BL	(0°-30°)	1264.0	7.9	B3/2500		
BM	(30°-60°)	2663.7	16.6	B3/5000		
BH	(60°-80°)	921.5	5.7	B2/1000		G2/1000
BVH	(80°-90°)	46.6	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°	7159.1	7159.1	7159.1	7159.1	7159.1	7159.1	7159.1	7159.1	7159.1	7159.1	7159.1
2.5°	7512.9	7470.8	7508.3	7686.4	7789.5	7859.8	7904.3	7897.3	7728.5	7564.5	7564.5
5°	7292.7	7238.8	7316.1	7719.2	8124.6	8159.7	8218.3	8122.2	7873.8	7573.9	7198.9
7.5°	6655.3	6695.1	6824.0	7353.6	7880.9	8145.7	8216.0	8094.1	7691.0	7131.0	6580.3
10°	6104.6	6198.3	6495.9	7067.7	7552.8	7897.3	7974.6	7803.5	7484.8	6798.2	6306.1
12.5°	5914.7	5856.2	6186.6	6758.4	7222.4	7407.5	7442.6	7454.4	7238.8	6629.5	6029.6
15°	5891.3	5928.8	6186.6	6620.1	6906.0	6915.4	6974.0	7065.4	7093.5	6744.3	6158.5
17.5°	6228.8	6184.2	6449.0	6793.5	6657.6	6521.7	6535.8	6667.0	6899.0	6842.7	6563.9
20°	6727.9	6828.7	7037.2	7002.1	6636.5	6292.0	6294.4	6418.6	6875.5	7250.5	7128.6
22.5°	7557.5	7655.9	7810.6	7386.4	6636.5	6224.1	6144.4	6313.1	7025.5	7735.6	7766.0
25°	8314.4	8494.8	8537.0	8037.9	6969.3	6287.3	6235.8	6402.2	7175.5	8208.9	8497.2
27.5°	9003.4	9069.0	9254.1	8457.3	7154.4	6329.5	6324.8	6538.1	7365.3	8445.6	9151.0
30°	9547.0	9540.0	9645.4	8722.1	7449.7	6566.2	6338.9	6742.0	7613.7	8837.0	9755.6
32.5°	9917.3	9997.0	10219.6	9090.1	7573.9	6791.2	6613.1	6981.0	7916.0	9022.1	10182.1
35°	10568.7	10707.0	10425.8	9293.9	7967.6	7013.8	6805.2	7306.7	8066.0	9223.6	10704.7
37.5°	11182.7	11077.3	10791.4	9404.1	8223.0	7426.2	7231.7	7937.1	8532.3	9661.8	11051.5
40°	11576.4	11574.1	11065.5	9493.1	8403.4	8056.6	8044.9	8576.9	9104.1	9938.4	11440.5
42.5°	11747.5	11911.5	11178.0	9483.8	8783.1	8820.6	9057.3	9533.0	9509.5	9994.6	11431.1
44°	11981.8	12080.2	11372.5	9504.8	9036.2	9336.1	9893.8	10196.1	9863.4	9964.1	11419.4
45°	11972.4	11979.5	11096.0	9533.0	9251.8	9767.3	10266.4	10777.3	10175.1	9898.5	11574.1
47.5°	11698.3	11618.6	10861.7	9324.4	9924.3	10906.2	11367.8	11677.2	10559.4	9757.9	11381.9
50°	11156.9	11065.5	10292.2	9235.4	10064.9	11613.9	12251.3	12363.8	10908.5	9619.7	11192.1
52.5°	11194.4	11168.7	10453.9	9368.9	10205.5	11836.5	12858.3	12886.4	11304.6	9910.3	11194.4
55°	11864.6	11775.6	10917.9	9535.3	10102.4	11576.4	12471.6	12422.4	11171.0	9734.5	11400.7
57.5°	10857.0	10915.6	10275.8	8876.8	8841.7	9411.1	9804.8	9682.9	9322.1	8785.4	10606.2
60°	8759.6	8926.0	8986.9	7423.9	6671.7	6378.7	6261.6	6046.0	6106.9	7217.7	9317.4
62.5°	7512.9	7503.6	7885.6	6730.3	4370.4	3758.8	3702.6	3751.8	4454.8	7105.2	9125.2
65°	5956.9	6116.3	6233.5	5703.8	3458.9	2791.0	2788.6	3100.3	3854.9	5938.2	7367.7
67.5°	3782.3	3990.8	4136.1	3648.7	2312.9	1987.2	1933.3	2308.3	2671.5	3894.7	4436.1
70°	2132.5	2230.9	2296.5	2104.4	1471.7	1031.1	970.2	1059.2	1614.6	2521.5	2629.3
72.5°	822.5	867.1	956.1	963.1	555.4	332.8	269.5	323.4	679.6	998.3	951.4
75°	126.5	135.9	192.2	229.7	159.4	121.9	128.9	133.6	189.8	257.8	215.6
77.5°	60.9	60.9	58.6	68.0	79.7	86.7	93.7	103.1	112.5	124.2	119.5
80°	39.8	39.8	39.8	46.9	58.6	70.3	79.7	84.4	89.0	98.4	93.7
82.5°	25.8	25.8	25.8	35.2	46.9	58.6	63.3	75.0	84.4	98.4	91.4
85°	14.1	14.1	14.1	23.4	35.2	49.2	46.9	37.5	21.1	2.3	4.7
87.5°	4.7	4.7	4.7	4.7	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°	7159.1	7159.1	7159.1	7159.1	7159.1	7159.1	7159.1	7159.1	7159.1	7159.1	7159.1
2.5°	7367.7	7259.9	7250.5	7030.2	6833.4	6737.3	6660.0	6444.4	6491.2	6367.0	6364.7
5°	7011.5	6791.2	6435.0	6142.1	5849.1	5790.5	5535.1	5312.5	5319.5	5160.2	5188.3
7.5°	6371.7	6219.4	5785.9	5326.6	4937.5	4661.0	4419.7	4274.4	4089.2	4026.0	3993.2
10°	5966.3	5778.8	5291.4	4714.9	4279.1	4131.4	3899.4	3770.5	3580.7	3487.0	3421.4
12.5°	5788.2	5514.0	4904.7	4318.9	4028.3	3876.0	3679.1	3444.8	3219.8	3133.1	3013.6
15°	5807.0	5478.9	4792.3	4159.5	3810.4	3515.1	3339.3	3079.2	2849.6	2697.3	2610.6
17.5°	6090.5	5692.1	4843.8	4037.7	3536.2	3165.9	2821.5	2540.2	2357.5	2242.6	2214.5
20°	6760.7	6219.4	4930.5	3840.8	3262.0	2800.4	2376.2	2083.3	1942.7	1940.3	1942.7
22.5°	7318.4	6781.8	5106.3	3723.7	2987.8	2331.7	1909.9	1816.1	1788.0	1846.6	1853.6
25°	8070.7	7414.5	5408.6	3662.7	2734.8	1987.2	1727.1	1691.9	1689.6	1764.6	1766.9
27.5°	8841.7	7967.6	5589.0	3484.6	2477.0	1809.1	1616.9	1609.9	1647.4	1727.1	1720.1
30°	9366.6	8431.6	5914.7	3271.4	2172.3	1652.1	1572.4	1581.8	1633.4	1694.3	1703.7
32.5°	9978.2	8888.5	5999.1	3154.2	1984.9	1520.9	1464.6	1485.7	1551.3	1647.4	1699.0
35°	10678.9	9211.9	6128.0	2994.9	1914.6	1420.1	1392.0	1415.4	1495.1	1558.4	1614.6
37.5°	11196.8	9783.7	6151.4	2870.7	1837.2	1363.9	1319.3	1396.7	1443.5	1532.6	1560.7
40°	11581.1	10198.5	6212.4	2793.3	1776.3	1291.2	1291.2	1342.8	1406.0	1488.1	1544.3
42.5°	11827.2	10500.8	6256.9	2723.0	1659.1	1270.1	1258.4	1310.0	1394.3	1474.0	1499.8
44°	11977.1	10629.7	6212.4	2657.4	1626.3	1244.3	1244.3	1288.9	1354.5	1448.2	1478.7
45°	12014.6	10791.4	6113.9	2655.1	1586.5	1213.9	1209.2	1293.6	1338.1	1452.9	1471.7
47.5°	12159.9	10990.6	6125.7	2580.1	1490.4	1141.2	1223.3	1260.8	1300.6	1401.4	1464.6
50°	12155.2	11114.8	6099.9	2469.9	1420.1	1059.2	1195.1	1237.3	1277.2	1380.3	1406.0
52.5°	12188.0	11578.8	6336.6	2294.2	1293.6	953.8	1101.4	1195.1	1244.3	1331.1	1385.0
55°	12171.6	11843.6	6570.9	2163.0	1115.5	890.5	1021.7	1131.9	1202.2	1293.6	1319.3
57.5°	11117.1	10468.0	6081.1	1916.9	923.3	815.5	909.2	1066.2	1155.3	1249.0	1281.8
60°	9083.0	8068.3	5014.9	1410.7	759.3	749.9	846.0	1045.2	1082.7	1164.7	1220.9
62.5°	8394.1	7077.1	3976.8	1078.0	649.1	686.6	780.4	944.4	1003.0	1103.7	1155.3
65°	6568.6	4700.9	2462.9	728.8	571.8	616.3	705.4	827.2	923.3	1017.0	1078.0
67.5°	3890.0	2568.4	1218.6	510.9	499.1	546.0	637.4	728.8	838.9	942.0	972.5
70°	2118.4	1263.1	520.2	389.0	424.2	466.3	555.4	618.7	724.1	803.8	855.3
72.5°	679.6	384.3	260.1	288.2	323.4	372.6	426.5	503.8	578.8	625.7	667.9
75°	164.0	161.7	185.1	201.5	234.3	271.8	316.4	356.2	414.8	459.3	496.8
77.5°	114.8	124.2	142.9	166.4	178.1	192.2	220.3	250.7	276.5	309.3	332.8
80°	89.0	96.1	110.1	121.9	133.6	145.3	159.4	171.1	187.5	208.6	220.3
82.5°	84.4	89.0	103.1	110.1	105.5	103.1	112.5	117.2	119.5	126.5	133.6
85°	7.0	0.0	4.7	16.4	39.8	58.6	63.3	63.3	60.9	65.6	65.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	9.4	7.0
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°	7159.1	7159.1	7159.1	7159.1	7159.1	7159.1	7159.1	7159.1	7159.1	7159.1	7159.1
2.5°	6336.6	6256.9	6287.3	6324.8	6270.9	6146.7	6179.6	6165.5	6292.0	6282.7	6409.2
5°	5312.5	5188.3	5202.4	5385.1	5326.6	5389.8	5263.3	5246.9	5270.3	5282.0	5303.1
7.5°	4065.8	4049.4	4190.0	4344.7	4417.3	4342.3	4218.1	4190.0	4164.2	4112.7	4229.8
10°	3318.3	3322.9	3313.6	3430.7	3512.8	3496.4	3421.4	3412.0	3362.8	3344.0	3409.7
12.5°	2962.1	2898.8	2868.3	2830.8	2894.1	2936.3	2903.5	2880.0	2882.4	2905.8	2915.2
15°	2617.6	2577.7	2512.1	2469.9	2500.4	2479.3	2467.6	2514.5	2502.8	2498.1	2554.3
17.5°	2230.9	2263.7	2259.0	2212.2	2252.0	2235.6	2233.3	2200.5	2155.9	2123.1	2141.9
20°	1975.5	2036.4	2083.3	2085.6	2106.7	2104.4	2069.2	1968.5	1935.7	1928.6	1933.3
22.5°	1884.1	1916.9	1973.1	2052.8	2052.8	2015.3	1973.1	1856.0	1825.5	1792.7	1778.6
25°	1811.5	1874.7	1947.4	1956.7	1994.2	1959.1	1891.1	1832.5	1769.3	1724.7	1724.7
27.5°	1774.0	1844.3	1898.2	1914.6	1966.1	1938.0	1867.7	1792.7	1717.7	1715.4	1675.5
30°	1757.6	1823.2	1858.3	1898.2	1921.6	1877.1	1856.0	1776.3	1701.3	1682.6	1616.9
32.5°	1708.3	1802.1	1867.7	1858.3	1877.1	1858.3	1827.9	1762.2	1677.9	1635.7	1628.7
35°	1652.1	1745.8	1816.1	1865.3	1877.1	1837.2	1818.5	1729.4	1614.6	1593.5	1520.9
37.5°	1621.6	1677.9	1764.6	1844.3	1860.7	1839.6	1776.3	1684.9	1570.1	1546.6	1483.4
40°	1584.1	1656.8	1724.7	1790.4	1839.6	1788.0	1715.4	1626.3	1574.8	1504.5	1485.7
42.5°	1556.0	1638.0	1694.3	1766.9	1823.2	1755.2	1670.8	1609.9	1537.3	1490.4	1436.5
44°	1546.6	1621.6	1659.1	1748.2	1795.0	1743.5	1673.2	1609.9	1525.6	1483.4	1436.5
45°	1513.8	1616.9	1656.8	1736.5	1776.3	1734.1	1645.1	1581.8	1520.9	1469.3	1420.1
47.5°	1481.0	1551.3	1619.3	1682.6	1710.7	1696.6	1621.6	1544.3	1471.7	1441.2	1394.3
50°	1471.7	1542.0	1605.2	1663.8	1696.6	1668.5	1600.5	1525.6	1441.2	1392.0	1352.1
52.5°	1424.8	1511.5	1581.8	1600.5	1642.7	1626.3	1574.8	1492.7	1413.1	1370.9	1338.1
55°	1356.8	1448.2	1544.3	1567.7	1628.7	1602.9	1525.6	1448.2	1380.3	1317.0	1274.8
57.5°	1331.1	1420.1	1513.8	1544.3	1581.8	1539.6	1520.9	1438.8	1331.1	1298.2	1232.6
60°	1265.4	1377.9	1455.3	1525.6	1527.9	1516.2	1483.4	1389.6	1300.6	1239.7	1192.8
62.5°	1213.9	1319.3	1380.3	1445.9	1485.7	1452.9	1420.1	1333.4	1237.3	1169.4	1115.5
65°	1138.9	1235.0	1286.5	1326.4	1370.9	1366.2	1310.0	1246.7	1145.9	1092.0	1040.5
67.5°	1024.1	1108.4	1178.7	1216.2	1244.3	1237.3	1195.1	1150.6	1047.5	993.6	956.1
70°	885.8	972.5	1017.0	1038.1	1066.2	1080.3	1047.5	1026.4	935.0	864.7	829.6
72.5°	712.4	768.6	834.3	853.0	864.7	874.1	874.1	855.3	761.6	733.5	672.6
75°	524.9	569.4	618.7	618.7	639.7	642.1	646.8	635.1	564.8	527.3	513.2
77.5°	356.2	389.0	428.8	445.2	459.3	457.0	454.6	421.8	384.3	367.9	353.9
80°	232.0	264.8	283.6	304.6	318.7	316.4	321.0	297.6	281.2	253.1	257.8
82.5°	138.3	164.0	182.8	208.6	208.6	215.6	215.6	208.6	192.2	178.1	178.1
85°	65.6	86.7	98.4	114.8	124.2	126.5	112.5	96.1	79.7	72.6	79.7
87.5°	11.7	16.4	23.4	21.1	25.8	23.4	23.4	23.4	23.4	18.7	21.1
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°	7159.1	7159.1	7159.1	7159.1	7159.1	7159.1	7159.1	7159.1	7159.1	7159.1
2.5°	6362.3	6479.5	6561.5	6697.4	6931.8	7119.3	7311.4	7454.4	7470.8	7512.9
5°	5380.5	5443.7	5652.3	5924.1	6116.3	6432.6	6636.5	7006.8	7145.0	7292.7
7.5°	4201.7	4304.8	4583.7	4766.5	5188.3	5584.3	5994.4	6451.4	6634.2	6655.3
10°	3543.2	3693.2	3883.0	4175.9	4405.6	4846.2	5357.0	5865.5	6069.4	6104.6
12.5°	3112.0	3304.2	3557.3	3768.2	3988.5	4372.8	4862.6	5490.6	5755.4	5914.7
15°	2697.3	2896.4	3175.3	3468.2	3662.7	4122.0	4698.5	5406.2	5750.7	5891.3
17.5°	2270.8	2455.9	2685.5	3001.9	3393.2	3908.8	4672.7	5687.4	6064.7	6228.8
20°	1905.2	2008.3	2275.4	2601.2	3090.9	3690.9	4682.1	6102.2	6655.3	6727.9
22.5°	1762.2	1785.7	1891.1	2191.1	2727.7	3468.2	4848.5	6690.4	7318.4	7557.5
25°	1652.1	1647.4	1675.5	1877.1	2462.9	3381.5	5012.5	7231.7	8054.3	8314.4
27.5°	1591.2	1544.3	1546.6	1736.5	2275.4	3240.9	5223.4	7852.7	8888.5	9003.4
30°	1560.7	1551.3	1523.2	1600.5	2071.6	3030.0	5258.6	8464.4	9380.6	9547.0
32.5°	1542.0	1450.6	1415.4	1443.5	1879.4	2800.4	5389.8	8867.4	9989.9	9917.3
35°	1448.2	1366.2	1342.8	1370.9	1743.5	2671.5	5303.1	9218.9	10446.9	10568.7
37.5°	1413.1	1340.4	1293.6	1270.1	1616.9	2563.7	5258.6	9760.3	10889.8	11182.7
40°	1380.3	1302.9	1246.7	1223.3	1518.5	2420.7	5244.5	10177.4	11400.7	11576.4
42.5°	1342.8	1293.6	1230.3	1188.1	1399.0	2277.8	5082.8	10306.3	11557.7	11747.5
44°	1331.1	1256.1	1190.4	1176.4	1352.1	2205.1	5050.0	10423.5	11693.6	11981.8
45°	1319.3	1249.0	1174.0	1155.3	1335.7	2165.3	5005.5	10451.6	11918.5	11972.4
47.5°	1286.5	1242.0	1169.4	1117.8	1300.6	2078.6	4871.9	10292.2	11688.9	11698.3
50°	1260.8	1209.2	1134.2	1033.4	1253.7	2006.0	4932.9	10233.6	11135.8	11156.9
52.5°	1232.6	1155.3	1113.1	939.7	1176.4	1945.0	5061.7	10498.4	11199.1	11194.4
55°	1199.8	1115.5	1012.3	860.0	1047.5	1867.7	5373.4	11021.0	11785.0	11864.6
57.5°	1148.3	1075.6	928.0	789.7	899.9	1720.1	5272.7	10020.4	10842.9	10857.0
60°	1080.3	1012.3	841.3	735.8	738.2	1356.8	4714.9	7808.2	8555.8	8759.6
62.5°	1014.7	977.2	768.6	658.5	628.0	1080.3	3986.1	6488.9	7344.2	7512.9
65°	937.4	846.0	705.4	599.9	539.0	756.9	2823.8	4848.5	5729.6	5956.9
67.5°	838.9	740.5	621.0	527.3	461.7	506.2	1457.6	2755.8	3648.7	3782.3
70°	733.5	642.1	522.6	445.2	372.6	349.2	642.1	1314.6	1994.2	2132.5
72.5°	602.3	517.9	417.1	351.5	278.9	241.4	215.6	351.5	707.7	822.5
75°	435.9	377.3	314.0	250.7	196.8	154.7	126.5	105.5	117.2	126.5
77.5°	321.0	274.2	232.0	178.1	138.3	110.1	86.7	65.6	63.3	60.9
80°	250.7	222.6	185.1	142.9	107.8	82.0	60.9	44.5	39.8	39.8
82.5°	196.8	182.8	152.3	117.2	89.0	65.6	44.5	30.5	25.8	25.8
85°	75.0	75.0	110.1	96.1	68.0	46.9	30.5	16.4	14.1	14.1
87.5°	18.7	18.7	18.7	18.7	16.4	14.1	14.1	7.0	4.7	4.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)