

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: P459253

Luminaire Tested: **GALN-SA7B-735-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P459253
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-SA7B-735-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 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: 31824 lumens
Efficiency: N/A
Efficacy: 111.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

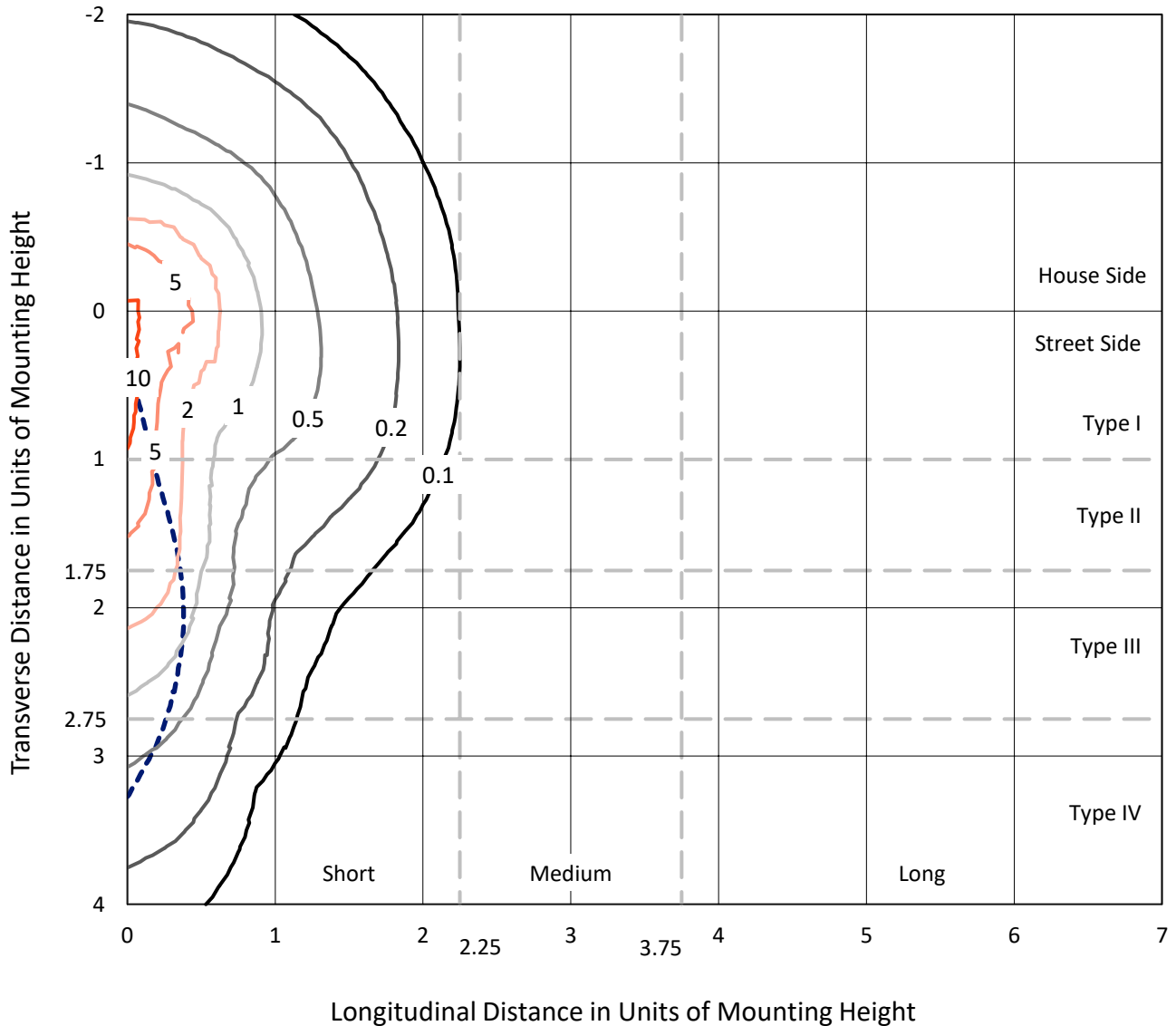
Input Watts (W): 286
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

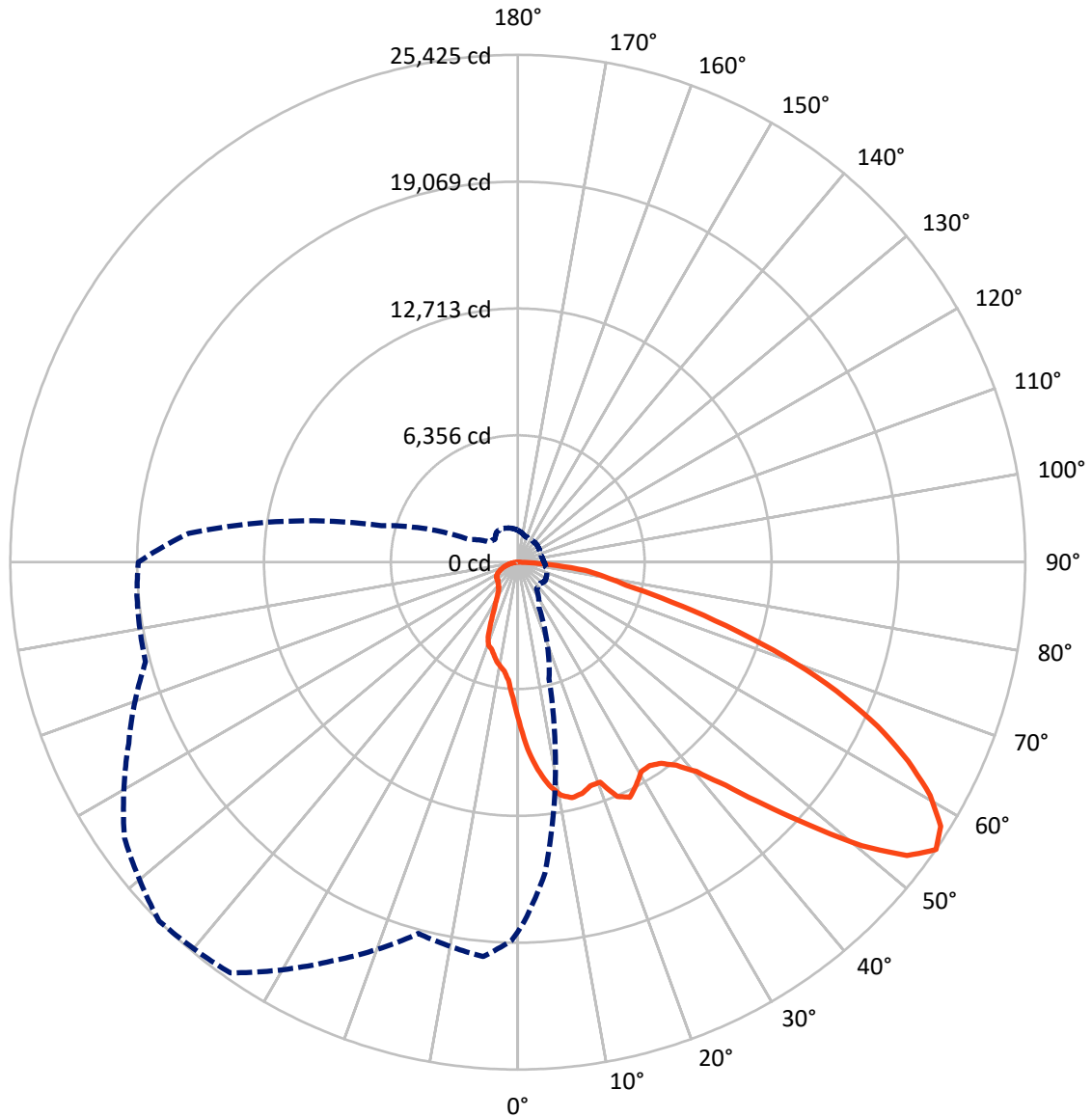
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 13.7 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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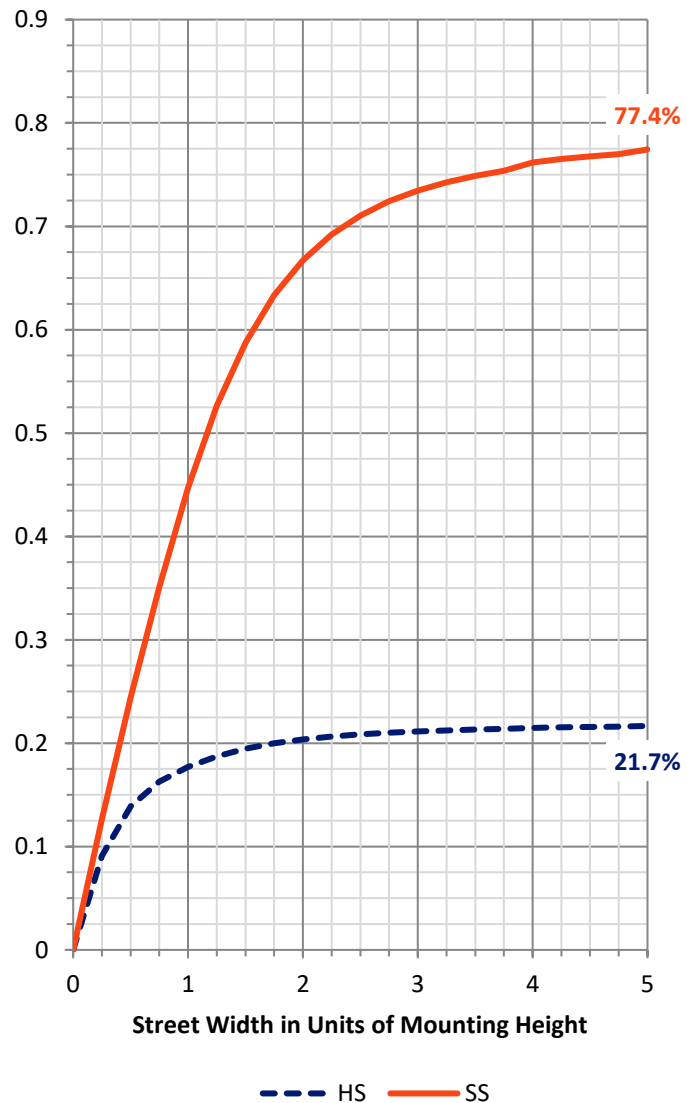
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6961.4	0.0	6961.4
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	24862.7	0.0	24862.7
	% Fixture	78.1	0.0	78.1
Total	Lumens	31824.0	0.0	31824.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	676.9	2.1
10°-20°	1795.8	5.6
20°-30°	3102.3	9.7
30°-40°	3605.4	11.3
40°-50°	5030.2	15.8
50°-60°	6825.5	21.4
60°-70°	6493.6	20.4
70°-80°	3508.0	11.0
80°-90°	786.2	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°	31824.0	100.0
0°-180°	31824.0	100.0



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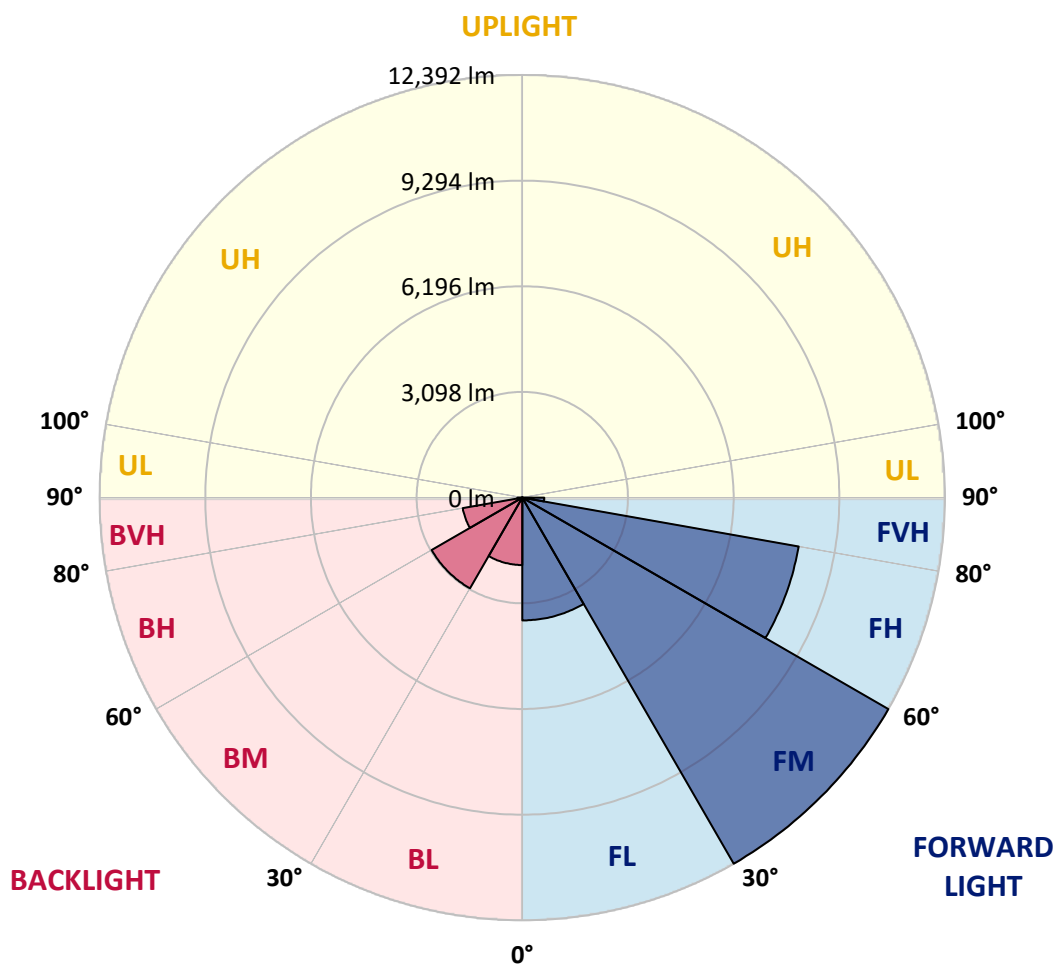
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3599.4	11.3			
FM	(30°-60°)	12391.6	38.9			
FH	(60°-80°)	8229.2	25.9			G4/12000
FVH	(80°-90°)	642.5	2.0			G4/750
BL	(0°-30°)	1975.6	6.2	B3/2500		
BM	(30°-60°)	3069.5	9.6	B3/5000		
BH	(60°-80°)	1772.5	5.6	B3/2500		G3/2500
BVH	(80°-90°)	143.7	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°	7986.6	7986.6	7986.6	7986.6	7986.6	7986.6	7986.6	7986.6	7986.6	7986.6	7986.6
2.5°	8872.6	8839.0	8744.5	8496.8	8246.9	7992.9	7797.6	7554.1	7300.0	7163.6	6989.3
5°	8994.4	8956.6	8734.0	8175.5	7669.6	7138.4	6714.3	6342.7	6191.5	5968.9	5790.5
7.5°	8708.8	8692.0	8358.2	7556.2	6863.3	6168.4	5687.6	5389.5	5118.6	5017.9	5038.9
10°	8448.5	8381.3	7963.5	6915.8	6107.5	5542.7	5198.4	4906.6	4715.5	4665.1	4675.6
12.5°	8232.2	8141.9	7648.6	6485.4	5777.9	5326.5	4887.7	4583.3	4409.0	4457.3	4621.0
15°	8188.1	8066.4	7516.3	6338.5	5597.3	5015.8	4535.0	4184.3	4054.2	4159.2	4421.6
17.5°	8473.7	8320.4	7743.0	6386.7	5425.2	4698.7	4108.8	3707.8	3598.6	3766.5	4108.8
20°	9391.2	9164.4	8450.6	6666.0	5408.4	4541.3	3861.0	3457.9	3504.1	3823.2	4180.1
22.5°	11087.6	10747.5	9689.3	7073.3	5496.5	4501.4	3810.6	3600.7	3854.7	4125.6	4360.7
25°	11423.5	11156.9	9911.8	7165.7	5477.7	4474.1	3953.4	4058.4	4341.8	4476.2	4394.3
27.5°	11612.5	11308.0	9897.1	6708.0	4898.2	4058.4	3779.1	3953.4	4024.8	3894.6	3672.1
30°	12053.4	11736.3	10147.0	6227.2	4033.2	3010.7	2639.1	2567.7	2616.0	2641.2	2561.4
32.5°	12660.1	12347.3	10617.3	5912.3	3487.3	2490.0	2124.7	2023.9	2000.8	1973.6	1942.1
35°	13445.3	12964.5	11079.2	5710.7	3262.7	2303.2	1967.3	1889.6	1858.1	1820.3	1786.7
37.5°	14243.2	13739.3	11662.8	5498.6	3113.6	2173.0	1862.3	1826.6	1772.0	1732.1	1683.8
40°	15091.4	14526.6	12194.0	5313.9	2968.7	2089.0	1786.7	1782.5	1711.1	1664.9	1608.2
42.5°	15826.2	15244.6	12668.5	5200.5	2857.4	2000.8	1740.5	1753.1	1679.6	1610.3	1536.8
45°	16409.9	15838.8	13107.3	5200.5	2767.2	1912.7	1732.1	1723.7	1650.2	1564.1	1480.2
47.5°	16922.1	16332.2	13535.6	5332.8	2710.5	1839.2	1685.9	1700.6	1625.0	1515.9	1434.0
50°	17319.0	16798.3	14113.0	5538.5	2653.8	1780.4	1627.1	1706.9	1604.0	1490.7	1396.2
52.5°	17824.9	17358.8	14807.9	5819.9	2605.5	1715.3	1574.6	1706.9	1601.9	1492.8	1389.9
55°	18526.2	18034.9	15645.6	6052.9	2527.8	1654.4	1528.5	1658.6	1595.6	1482.3	1373.1
57.5°	19017.5	18650.1	16237.7	6208.3	2416.5	1576.7	1486.5	1612.4	1568.3	1442.4	1322.7
58°	19040.6	18681.5	16323.8	6244.0	2389.3	1562.0	1476.0	1591.4	1555.7	1425.6	1305.9
60°	18776.0	18467.4	16340.6	6193.6	2233.9	1488.6	1421.4	1505.4	1488.6	1326.9	1215.6
62.5°	17814.4	17484.8	15662.4	5784.2	2028.1	1398.3	1337.4	1389.9	1352.1	1188.3	1085.5
65°	16447.7	15840.9	14268.4	5141.7	1881.2	1301.7	1224.0	1228.2	1188.3	1070.8	980.5
67.5°	14627.4	13949.2	12080.6	4333.4	1769.9	1194.6	1089.7	1079.2	1030.9	955.3	881.8
70°	12387.2	11923.2	9817.4	3525.1	1646.0	1077.1	938.5	932.2	902.8	846.1	781.0
72.5°	10039.9	9449.9	7927.8	2821.8	1494.9	963.7	797.8	810.4	772.6	732.7	673.9
75°	7409.2	7022.9	6128.5	2263.3	1291.2	839.8	665.5	669.7	653.0	611.0	564.8
77.5°	4879.3	4763.8	4383.8	1486.5	993.1	667.6	543.8	548.0	535.4	497.6	449.3
80°	3283.7	3206.0	2970.8	957.4	663.4	482.9	419.9	424.1	422.0	382.1	317.0
82.5°	2023.9	1990.3	1914.8	646.7	459.8	346.4	277.1	289.7	312.8	268.7	216.3
85°	955.3	957.4	1156.8	352.7	270.8	222.5	151.2	161.7	161.7	161.7	121.8
87.5°	123.9	130.2	159.6	149.1	98.7	84.0	54.6	46.2	39.9	52.5	37.8
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°	7986.6	7986.6	7986.6	7986.6	7986.6	7986.6	7986.6	7986.6	7986.6	7986.6	7986.6
2.5°	6928.4	6886.4	6796.2	6775.2	6762.6	6798.3	6703.8	6729.0	6687.0	6804.6	6785.7
5°	5801.0	5805.2	5878.7	5926.9	5943.7	5926.9	5864.0	5754.8	5670.8	5637.2	5645.6
7.5°	4999.0	5072.4	5198.4	5339.1	5467.2	5504.9	5469.3	5261.4	5034.7	4891.9	4845.7
10°	4732.3	4831.0	4975.9	5087.1	5200.5	5290.8	5309.7	5148.0	4879.3	4541.3	4409.0
12.5°	4747.0	4881.4	5020.0	5055.6	5045.2	5080.8	5064.0	5036.8	4860.4	4430.0	4209.5
15°	4608.5	4768.0	4864.6	4845.7	4812.1	4780.6	4736.5	4667.2	4604.3	4301.9	4058.4
17.5°	4289.3	4453.1	4532.9	4539.2	4539.2	4530.8	4423.7	4398.5	4390.1	4243.1	4094.1
20°	4348.1	4438.4	4402.7	4343.9	4360.7	4417.4	4354.4	4341.8	4390.1	4455.2	4427.9
22.5°	4381.7	4350.2	4081.5	3821.1	3762.3	3938.7	3974.4	4115.1	4310.3	4545.5	4698.7
25°	4173.8	3919.8	3439.0	3145.1	2979.2	3143.0	3357.1	3617.5	3909.3	4211.6	4390.1
27.5°	3489.4	3296.2	2951.9	2687.4	2542.5	2567.7	2750.4	2987.6	3258.5	3462.1	3592.3
30°	2628.6	2542.5	2364.1	2273.8	2185.6	2164.6	2242.3	2332.6	2452.2	2477.4	2511.0
32.5°	1935.8	1923.2	1933.7	1904.3	1887.5	1885.4	1862.3	1883.3	1895.9	1910.6	1881.2
35°	1751.0	1734.2	1704.8	1696.4	1685.9	1690.1	1679.6	1669.1	1677.5	1690.1	1698.5
37.5°	1656.5	1631.3	1589.3	1574.6	1574.6	1580.9	1564.1	1559.9	1574.6	1614.5	1635.5
40°	1583.0	1553.6	1505.4	1486.5	1499.1	1515.9	1492.8	1484.4	1520.1	1562.0	1595.6
42.5°	1513.8	1490.7	1444.5	1423.5	1434.0	1465.5	1431.9	1425.6	1471.8	1518.0	1557.8
45°	1455.0	1431.9	1389.9	1379.4	1383.6	1413.0	1389.9	1389.9	1434.0	1484.4	1520.1
47.5°	1408.8	1379.4	1352.1	1343.7	1347.9	1364.7	1360.5	1360.5	1402.5	1455.0	1490.7
50°	1362.6	1337.4	1301.7	1305.9	1316.4	1339.5	1337.4	1343.7	1385.7	1450.8	1488.6
52.5°	1341.6	1303.8	1263.9	1268.1	1299.6	1326.9	1318.5	1324.8	1373.1	1494.9	1549.4
55°	1318.5	1268.1	1221.9	1228.2	1263.9	1303.8	1293.3	1301.7	1358.4	1524.3	1599.8
57.5°	1274.4	1215.6	1165.2	1169.4	1221.9	1263.9	1247.1	1257.6	1324.8	1492.8	1572.5
58°	1255.5	1205.1	1156.8	1158.9	1209.3	1255.5	1236.6	1245.0	1314.3	1484.4	1559.9
60°	1175.7	1146.3	1104.3	1106.4	1154.7	1194.6	1184.1	1192.5	1259.7	1423.5	1480.2
62.5°	1066.6	1049.8	1039.3	1039.3	1068.7	1106.4	1116.9	1127.4	1188.3	1287.0	1337.4
65°	949.0	949.0	951.1	951.1	970.0	1018.3	1024.6	1051.9	1108.5	1156.8	1194.6
67.5°	869.2	865.0	869.2	858.7	867.1	896.5	928.0	953.2	1012.0	1045.6	1058.2
70°	766.3	764.2	766.3	751.6	762.1	787.3	808.3	850.3	911.2	936.4	942.7
72.5°	665.5	665.5	669.7	659.2	659.2	686.5	701.2	747.4	804.1	818.8	820.9
75°	560.6	566.9	566.9	552.2	556.4	573.2	592.1	629.9	682.3	692.8	692.8
77.5°	445.1	468.2	468.2	453.5	459.8	461.9	487.1	506.0	545.9	550.1	533.3
80°	323.3	346.4	365.3	352.7	363.2	350.6	365.3	377.9	417.8	398.9	371.6
82.5°	230.9	247.7	262.4	264.5	254.0	230.9	249.8	251.9	270.8	245.6	230.9
85°	128.1	142.8	161.7	153.3	136.5	121.8	128.1	132.3	130.2	123.9	115.5
87.5°	33.6	35.7	39.9	29.4	27.3	23.1	31.5	31.5	35.7	37.8	35.7
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°	7986.6	7986.6	7986.6	7986.6	7986.6	7986.6	7986.6	7986.6	7986.6	7986.6	7986.6
2.5°	6800.4	6892.7	7092.2	7243.4	7428.1	7652.8	7917.3	8183.9	8471.6	8561.8	8687.8
5°	5626.7	5857.7	5954.2	6229.3	6502.2	6911.6	7348.3	7854.3	8408.6	8675.2	8931.4
7.5°	4807.9	4931.8	5032.6	5234.1	5561.6	6059.2	6607.2	7239.2	8024.4	8412.8	8788.6
10°	4367.0	4379.6	4503.5	4753.3	5038.9	5477.7	5996.2	6703.8	7579.3	8051.7	8492.6
12.5°	4075.2	4020.6	4155.0	4415.3	4738.6	5143.8	5620.4	6294.4	7258.0	7743.0	8276.3
15°	3819.0	3732.9	3833.7	4100.4	4419.5	4896.1	5408.4	6122.2	7132.1	7696.8	8288.9
17.5°	3825.3	3588.1	3623.8	3848.4	4165.5	4650.4	5271.9	6115.9	7323.1	7974.0	8675.2
20°	4297.7	3917.7	3756.0	3798.0	4104.6	4633.6	5334.9	6409.8	7950.9	8899.9	9649.4
22.5°	4761.7	4532.9	4272.5	4186.4	4354.4	4908.7	5735.9	7104.8	9315.6	10745.4	12099.5
25°	4600.1	4795.3	4730.2	4608.5	4646.2	5106.0	6008.8	7675.9	10375.8	11986.2	13258.5
27.5°	3680.5	4035.3	4106.7	4104.6	4119.3	4497.2	5404.2	7291.6	10508.1	12223.4	13439.0
30°	2586.6	2618.1	2655.9	2729.4	2796.6	3134.6	4228.4	6401.4	10449.3	12330.5	13548.2
32.5°	1866.5	1908.5	1961.0	2061.7	2221.3	2651.7	3699.4	6118.0	10760.0	12773.5	13867.3
35°	1706.9	1755.2	1805.6	1921.1	2072.2	2471.1	3489.4	6000.4	11270.2	13491.5	14440.5
37.5°	1656.5	1711.1	1755.2	1839.2	1961.0	2341.0	3298.3	5920.7	11793.0	14251.6	15208.9
40°	1620.8	1683.8	1719.5	1786.7	1870.7	2221.3	3128.3	5857.7	12299.0	14946.5	15826.2
42.5°	1589.3	1654.4	1700.6	1748.9	1818.2	2114.2	2977.1	5794.7	12737.8	15620.4	16441.4
45°	1551.5	1633.4	1692.2	1730.0	1790.9	2023.9	2861.6	5744.3	13237.5	16218.8	17062.8
47.5°	1520.1	1610.3	1683.8	1727.9	1751.0	1961.0	2769.3	5813.6	13837.9	16844.5	17640.2
50°	1522.2	1608.2	1700.6	1769.9	1709.0	1908.5	2712.6	6088.6	14619.0	17587.7	18095.8
52.5°	1589.3	1694.3	1767.8	1784.6	1650.2	1845.5	2683.2	6569.4	15542.8	18244.8	18555.6
55°	1664.9	1774.1	1853.9	1843.4	1618.7	1765.7	2676.9	7081.7	16554.7	19011.2	19153.9
57.5°	1637.6	1797.2	1919.0	1864.4	1620.8	1688.0	2649.6	7495.3	17400.8	19584.3	19746.0
58°	1629.2	1788.8	1927.4	1860.2	1614.5	1664.9	2643.3	7531.0	17518.4	19624.2	19830.0
60°	1547.3	1715.3	1921.1	1828.7	1578.8	1601.9	2574.0	7646.5	17486.9	19418.5	19880.4
62.5°	1398.3	1536.8	1776.2	1675.4	1469.7	1518.0	2418.6	7503.7	16634.5	18427.5	19143.4
65°	1230.3	1333.2	1492.8	1473.9	1314.3	1431.9	2206.6	6938.9	14927.6	16819.3	17573.0
67.5°	1104.3	1188.3	1289.1	1261.8	1182.0	1316.4	1977.7	5983.6	13012.8	14887.7	15836.7
70°	976.3	1041.4	1091.8	1072.9	1047.7	1203.0	1774.1	4856.2	11177.9	13052.7	13972.3
72.5°	846.1	907.0	949.0	921.7	907.0	1083.4	1608.2	3768.6	8828.5	10768.4	11950.5
75°	707.5	768.4	797.8	766.3	757.9	955.3	1362.6	2815.5	6624.0	8301.5	9321.9
77.5°	548.0	613.1	650.9	640.4	644.6	785.2	1100.1	1927.4	4736.5	5658.2	6733.2
80°	384.2	455.6	480.8	470.3	499.7	598.4	776.8	1224.0	3266.9	3672.1	4430.0
82.5°	237.2	304.4	308.6	319.1	340.1	443.0	585.8	745.3	2051.2	2120.5	2670.6
85°	119.7	144.9	155.4	172.2	191.1	270.8	333.8	461.9	1320.6	999.4	1492.8
87.5°	39.9	42.0	50.4	63.0	77.7	111.3	142.8	189.0	327.5	180.6	461.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P459253

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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7986.6	7986.6	7986.6	7986.6	7986.6	7986.6	7986.6	7986.6	7986.6	7986.6
2.5°	8941.9	9120.3	9250.5	9370.2	9254.7	9244.2	9130.8	8948.2	8872.6	8872.6
5°	9468.8	9886.6	10224.7	10440.9	10348.5	10126.0	9758.6	9290.4	9038.4	8994.4
7.5°	9613.7	10438.8	11066.6	11289.1	11133.8	10642.5	9939.1	9149.7	8788.6	8708.8
10°	9525.5	10598.4	11520.1	11872.8	11656.5	10913.3	9953.8	8986.0	8540.9	8448.5
12.5°	9433.2	10619.4	11604.1	12114.2	11973.6	11131.7	10060.9	8878.9	8364.5	8232.2
15°	9500.3	10627.8	11501.2	12028.2	12118.4	11394.1	10237.3	8956.6	8328.8	8188.1
17.5°	9924.4	10787.3	11354.2	11780.4	12097.4	11751.0	10739.1	9328.2	8647.9	8473.7
20°	10810.4	11169.5	11438.2	11767.8	12278.0	12479.6	11765.7	10348.5	9544.4	9391.2
22.5°	13376.1	13311.0	12760.9	12754.6	13493.6	14301.9	14253.7	12422.9	11213.5	11087.6
25°	14337.6	14035.3	13239.6	13046.4	13371.9	14619.0	14438.4	12847.0	11730.0	11423.5
27.5°	13961.8	13212.3	12689.5	12645.4	12538.3	13716.2	14150.8	13019.1	11910.6	11612.5
30°	13938.7	12836.5	12089.0	12177.2	12280.1	13405.4	14310.3	13558.7	12372.5	12053.4
32.5°	13995.4	12889.0	12133.1	12149.9	12456.5	13451.6	14486.7	14146.6	12979.2	12660.1
35°	14224.3	13187.1	12414.5	12374.6	12853.3	13754.0	14786.9	15070.4	13808.6	13445.3
37.5°	14593.8	13781.3	12928.9	12918.4	13613.3	14299.8	15160.6	16002.6	14633.7	14243.2
40°	15137.6	14476.2	13844.2	13787.6	14646.3	15187.9	15645.6	16995.6	15593.1	15091.4
42.5°	15794.7	15309.7	15051.5	15276.1	16101.2	16185.2	16401.5	17913.1	16409.9	15826.2
45°	16403.6	16380.5	16739.5	17335.8	17816.5	17312.7	17190.9	18528.3	17043.9	16409.9
47.5°	17127.9	17753.6	18836.9	19710.3	20214.2	18624.9	17864.8	18929.3	17505.8	16922.1
50°	17862.7	19397.5	21127.5	22345.2	22452.3	20050.4	18328.8	19307.2	17925.7	17319.0
52.5°	18635.4	20709.7	23012.9	24427.9	24220.1	21291.3	18778.1	19563.3	18358.2	17824.9
55°	19307.2	21513.8	24066.8	25425.2	25120.8	22047.1	19263.1	19840.5	18975.5	18526.2
57.5°	19683.0	21581.0	23804.4	24990.6	24661.0	21900.1	19485.7	20046.2	19370.2	19017.5
58°	19737.6	21490.7	23571.3	24738.7	24402.7	21776.2	19483.6	20037.8	19395.4	19040.6
60°	19689.3	20904.9	22704.2	23743.5	23390.8	20999.4	19403.8	19880.4	19076.3	18776.0
62.5°	19242.1	19888.8	21207.3	21963.1	21862.3	19785.9	19076.3	19286.2	18104.2	17814.4
65°	18654.3	18503.1	19290.4	19825.8	19901.4	18876.8	18750.8	18001.3	16857.1	16447.7
67.5°	17940.4	16932.6	16930.5	17235.0	17360.9	17478.5	18072.7	16605.1	15059.9	14627.4
70°	16729.0	14511.9	13844.2	14203.3	14098.3	15091.4	16861.3	14644.2	12893.2	12387.2
72.5°	14507.7	11515.9	10447.2	10909.1	10644.6	11835.0	14753.3	12051.3	10661.4	10039.9
75°	11759.4	8614.3	7512.1	7936.2	7772.4	8977.6	12275.9	8752.9	7646.5	7409.2
77.5°	9130.8	6241.9	5601.5	5542.7	5664.5	6680.7	9004.8	5910.2	5041.0	4879.3
80°	5866.1	4467.8	4505.6	4430.0	4493.0	4211.6	5467.2	3770.7	3413.8	3283.7
82.5°	3861.0	3113.6	3712.0	3426.4	3254.3	2832.3	3586.0	2469.0	2095.3	2023.9
85°	2630.7	2292.7	2086.9	1595.6	1879.1	2181.4	2689.5	1329.0	1054.0	955.3
87.5°	1188.3	797.8	585.8	361.1	571.1	659.2	1305.9	155.4	119.7	123.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)