

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: P647011

Luminaire Tested: **GALN-SA6C-835-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P647011
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-SA6C-835-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 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: 28137.9 lumens
Efficiency: N/A
Efficacy: 87.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

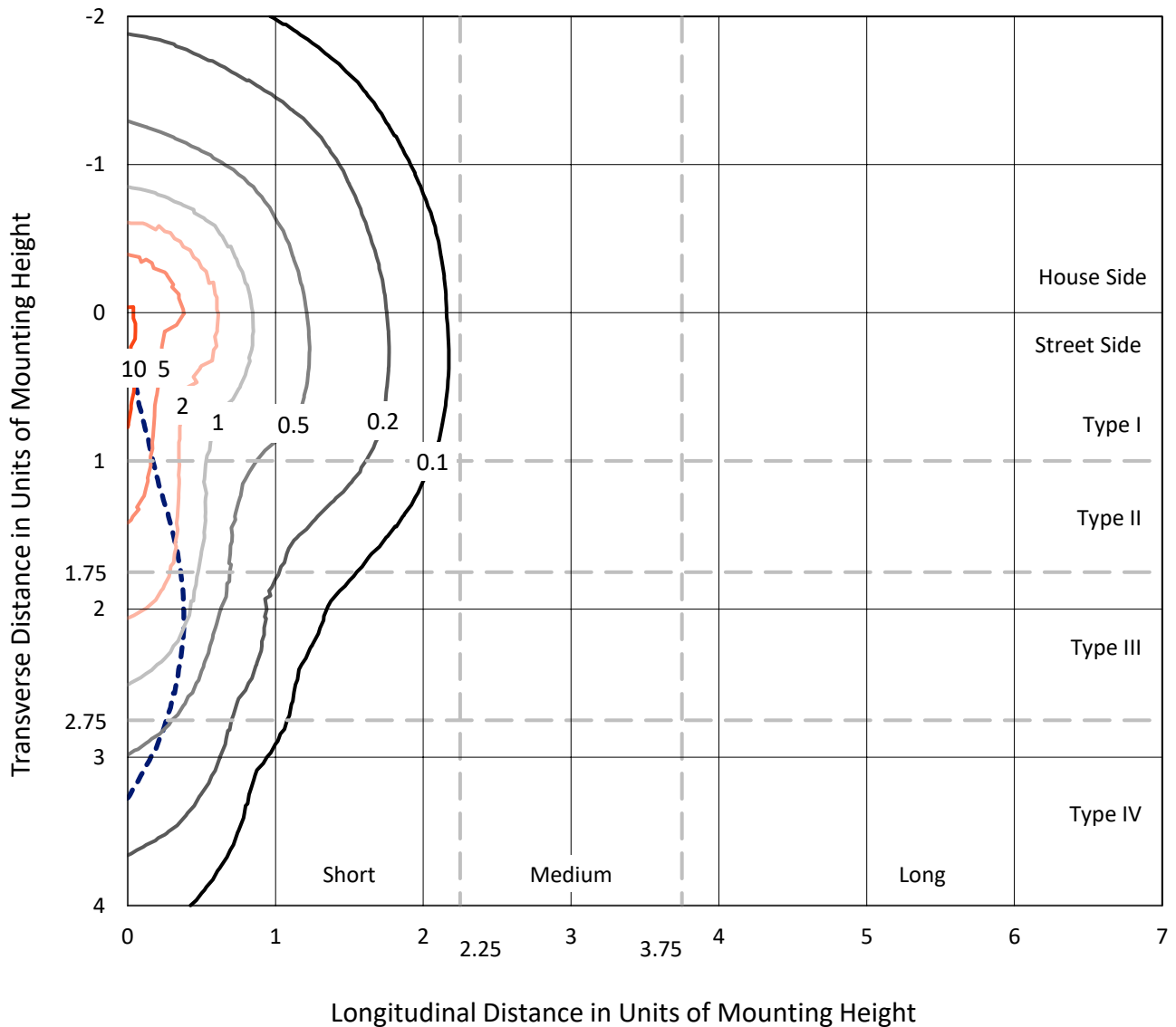
Input Watts (W): 321
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

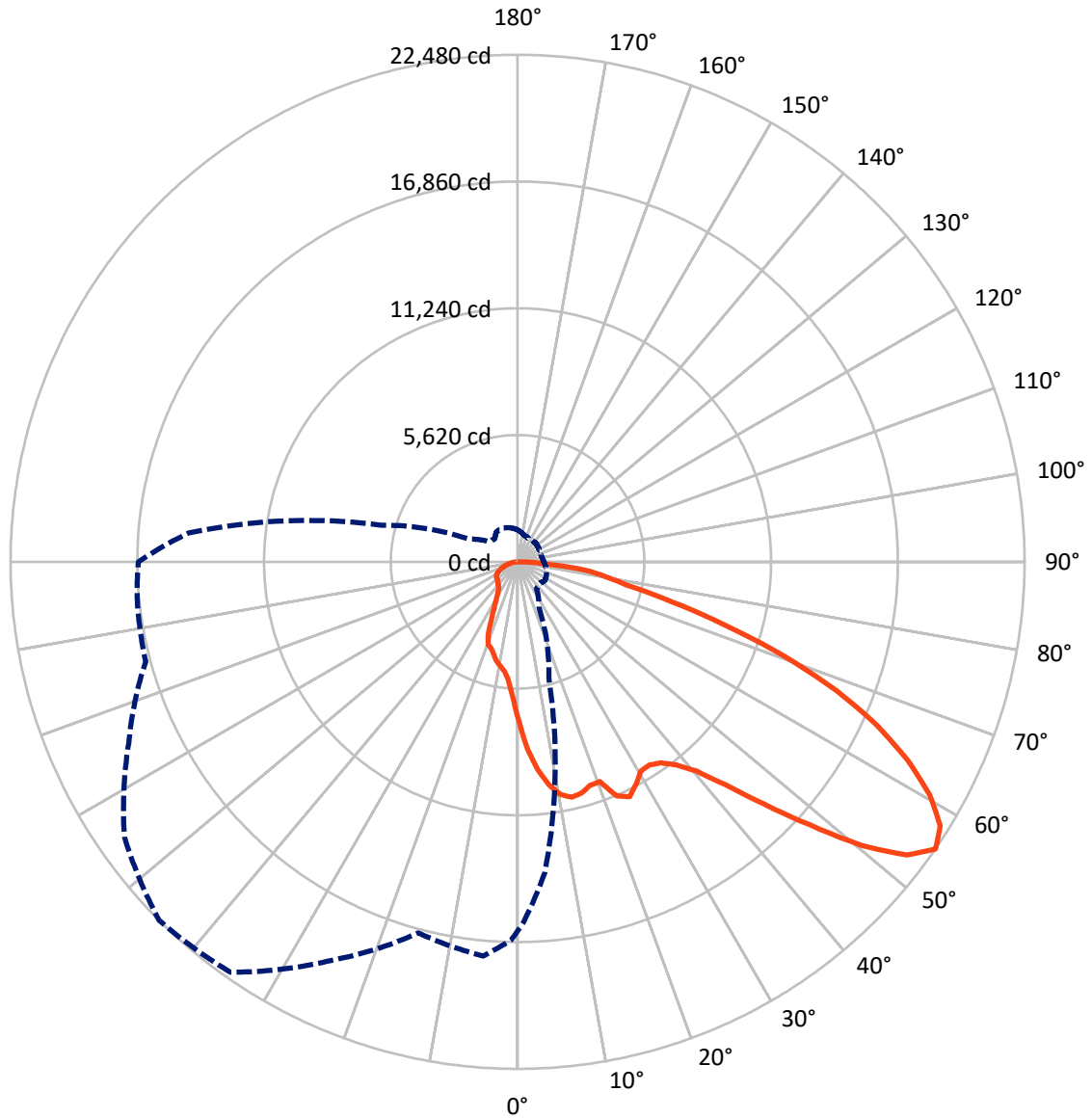
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.1 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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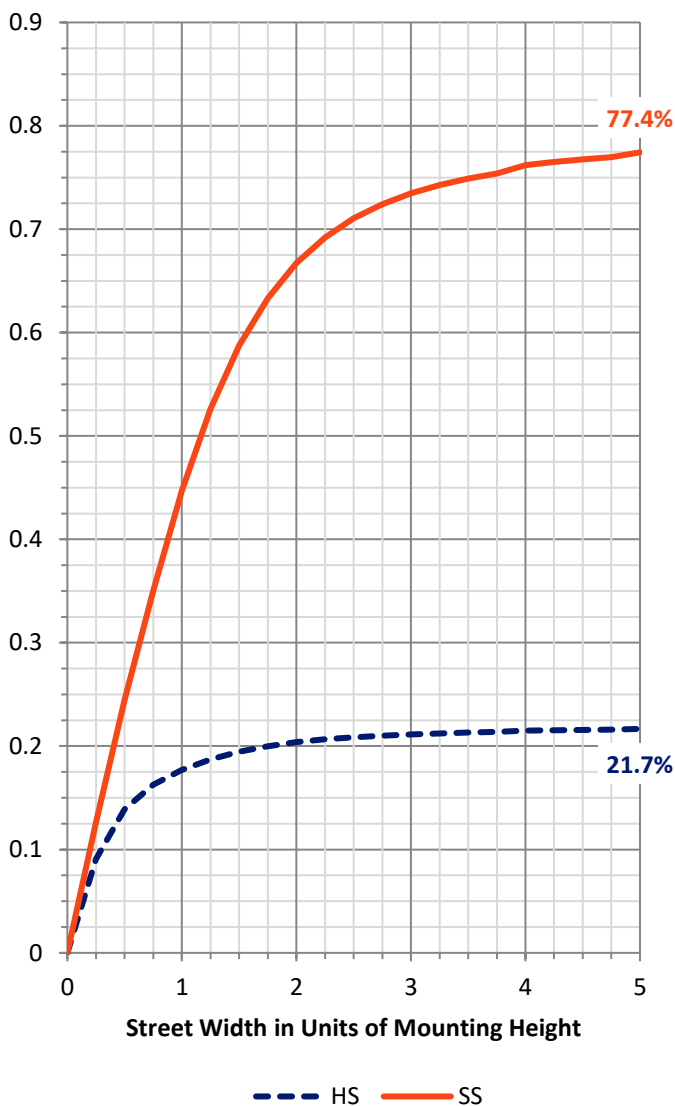
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6155.0	0.0	6155.0
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	21982.9	0.0	21982.9
	% Fixture	78.1	0.0	78.1
Total	Lumens	28137.9	0.0	28137.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	598.5	2.1
10°-20°	1587.8	5.6
20°-30°	2743.0	9.7
30°-40°	3187.8	11.3
40°-50°	4447.6	15.8
50°-60°	6034.9	21.4
60°-70°	5741.5	20.4
70°-80°	3101.7	11.0
80°-90°	695.1	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°	28137.9	100.0
0°-180°	28137.9	100.0

Coefficient of Utilization

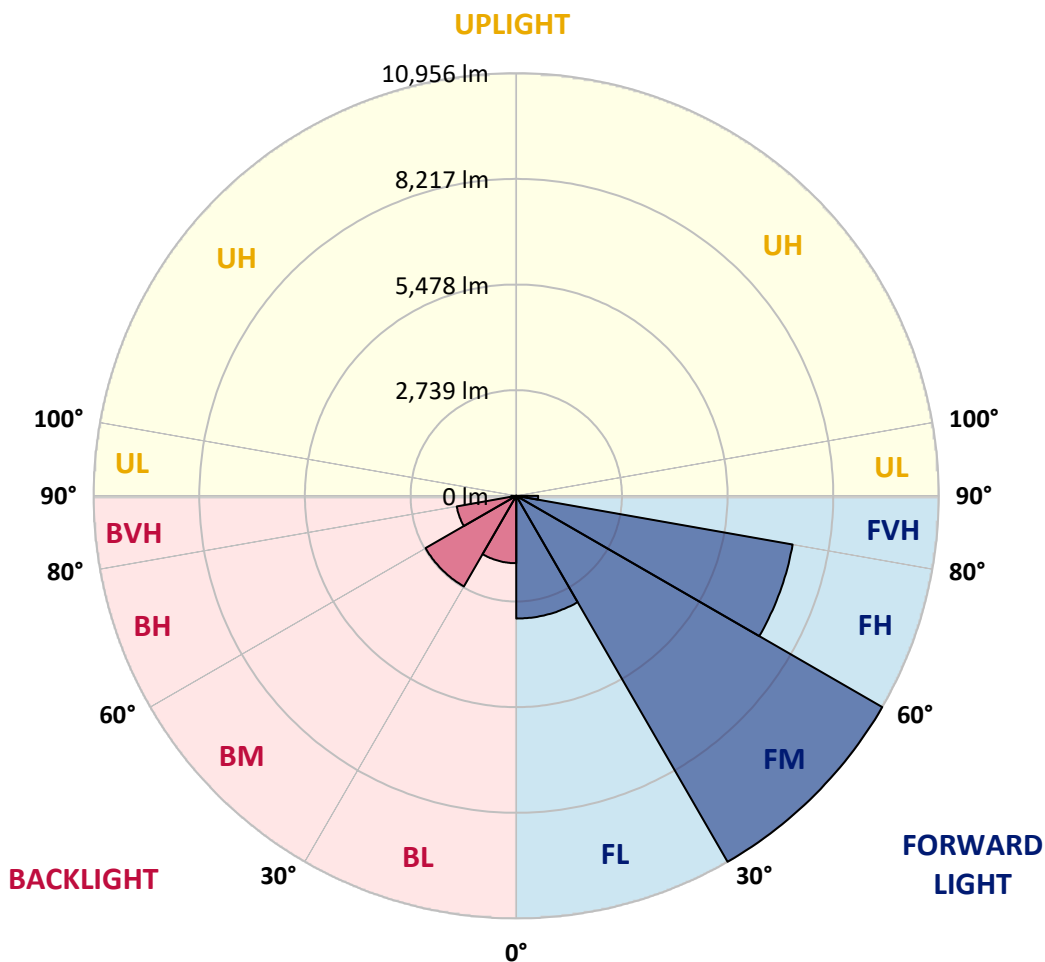


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3182.5	11.3			
FM (30°-60°)	10956.3	38.9			
FH (60°-80°)	7276.0	25.9			G3/7500
FVH (80°-90°)	568.1	2.0			G4/750
BL (0°-30°)	1746.8	6.2	B3/2500		
BM (30°-60°)	2714.0	9.6	B3/5000		
BH (60°-80°)	1567.2	5.6	B3/2500		G3/2500
BVH (80°-90°)	127.0	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-G4
 Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	7061.5	7061.5	7061.5	7061.5	7061.5	7061.5	7061.5	7061.5	7061.5	7061.5	7061.5
2.5°	7844.9	7815.2	7731.7	7512.6	7291.7	7067.0	6894.5	6679.1	6454.5	6333.8	6179.7
5°	7952.5	7919.1	7722.3	7228.6	6781.2	6311.5	5936.5	5608.0	5474.3	5277.6	5119.8
7.5°	7700.1	7685.2	7390.1	6680.9	6068.4	5453.9	5028.8	4765.2	4525.7	4436.6	4455.2
10°	7469.9	7410.5	7041.1	6114.8	5400.1	4900.7	4596.3	4338.3	4169.3	4124.8	4134.1
12.5°	7278.7	7198.9	6762.6	5734.2	5108.6	4709.5	4321.5	4052.4	3898.3	3941.0	4085.8
15°	7239.7	7132.0	6645.7	5604.3	4949.0	4434.8	4009.7	3699.7	3584.6	3677.4	3909.4
17.5°	7492.2	7356.7	6846.2	5647.0	4796.8	4154.5	3632.9	3278.3	3181.8	3330.3	3632.9
20°	8303.4	8103.0	7471.8	5893.9	4781.9	4015.2	3413.8	3057.4	3098.3	3380.4	3696.0
22.5°	9803.3	9502.6	8567.0	6254.0	4859.9	3980.0	3369.2	3183.6	3408.2	3647.7	3855.6
25°	10100.3	9864.5	8763.8	6335.6	4843.2	3955.9	3495.5	3588.3	3838.9	3957.8	3885.3
27.5°	10267.4	9998.2	8750.8	5931.0	4330.9	3588.3	3341.4	3495.5	3558.6	3443.5	3246.7
30°	10657.3	10376.9	8971.7	5505.9	3566.0	2662.0	2333.4	2270.3	2313.0	2335.3	2264.7
32.5°	11193.7	10917.1	9387.5	5227.5	3083.4	2201.6	1878.7	1789.5	1769.1	1745.0	1717.1
35°	11888.0	11462.9	9795.9	5049.3	2884.7	2036.4	1739.4	1670.7	1642.9	1609.5	1579.8
37.5°	12593.4	12147.9	10312.0	4861.7	2752.9	1921.3	1646.6	1615.0	1566.8	1531.5	1488.8
40°	13343.3	12844.0	10781.6	4698.4	2624.9	1847.0	1579.8	1576.0	1512.9	1472.0	1421.9
42.5°	13993.1	13478.9	11201.1	4598.2	2526.5	1769.1	1538.9	1550.0	1485.0	1423.8	1358.8
45°	14509.1	14004.2	11589.1	4598.2	2446.6	1691.1	1531.5	1524.0	1459.1	1382.9	1308.7
47.5°	14962.1	14440.5	11967.8	4715.1	2396.5	1626.1	1490.7	1503.6	1436.8	1340.3	1267.9
50°	15312.9	14852.6	12478.3	4897.0	2346.4	1574.1	1438.7	1509.2	1418.2	1318.0	1234.5
52.5°	15760.3	15348.2	13092.8	5145.8	2303.7	1516.6	1392.3	1509.2	1416.4	1319.8	1228.9
55°	16380.4	15946.0	13833.4	5351.8	2235.0	1462.8	1351.4	1466.5	1410.8	1310.6	1214.0
57.5°	16814.7	16489.8	14356.9	5489.2	2136.7	1394.1	1314.3	1425.7	1386.7	1275.3	1169.5
58°	16835.1	16517.7	14433.0	5520.8	2112.5	1381.1	1305.0	1407.1	1375.6	1260.5	1154.6
60°	16601.2	16328.4	14447.9	5476.2	1975.1	1316.1	1256.7	1331.0	1316.1	1173.2	1074.8
62.5°	15751.1	15459.6	13848.3	5114.2	1793.2	1236.4	1182.5	1228.9	1195.5	1050.7	959.7
65°	14542.6	14006.1	12615.7	4546.2	1663.2	1150.9	1082.3	1085.9	1050.7	946.7	866.9
67.5°	12933.1	12333.5	10681.4	3831.5	1564.9	1056.3	963.4	954.2	911.5	844.6	779.6
70°	10952.4	10542.2	8680.3	3116.8	1455.4	952.3	829.7	824.2	798.2	748.1	690.5
72.5°	8877.0	8355.4	7009.5	2495.0	1321.7	852.1	705.4	716.5	683.2	647.9	595.9
75°	6551.0	6209.4	5418.7	2001.1	1141.6	742.5	588.4	592.2	577.3	540.2	499.3
77.5°	4314.1	4212.1	3876.0	1314.3	878.1	590.3	480.8	484.5	473.4	440.0	397.3
80°	2903.3	2834.6	2626.7	846.5	586.6	427.0	371.3	375.0	373.1	337.9	280.3
82.5°	1789.5	1759.8	1693.0	571.7	406.5	306.3	245.0	256.2	276.6	237.6	191.2
85°	844.6	846.5	1022.8	311.9	239.4	196.8	133.7	143.0	143.0	143.0	107.7
87.5°	109.5	115.1	141.1	131.8	87.2	74.2	48.2	40.9	35.2	46.4	33.4
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7061.5	7061.5	7061.5	7061.5	7061.5	7061.5	7061.5	7061.5	7061.5	7061.5	7061.5
2.5°	6125.9	6088.8	6009.0	5990.4	5979.3	6010.9	5927.3	5949.5	5912.4	6016.4	5999.7
5°	5129.0	5132.8	5197.7	5240.5	5255.3	5240.5	5184.8	5088.2	5013.9	4984.3	4991.7
7.5°	4420.0	4484.9	4596.3	4720.7	4833.9	4867.3	4835.7	4652.0	4451.5	4325.3	4284.4
10°	4184.2	4271.4	4399.5	4497.9	4598.2	4678.0	4694.7	4551.7	4314.1	4015.2	3898.3
12.5°	4197.2	4316.0	4438.5	4470.1	4460.8	4492.3	4477.5	4453.4	4297.4	3916.9	3722.0
15°	4074.7	4215.8	4301.1	4284.4	4254.7	4226.9	4187.9	4126.6	4071.0	3803.7	3588.3
17.5°	3792.5	3937.3	4007.9	4013.4	4013.4	4006.0	3911.3	3889.0	3881.6	3751.7	3619.9
20°	3844.5	3924.3	3892.8	3840.8	3855.6	3905.8	3850.0	3838.9	3881.6	3939.1	3915.0
22.5°	3874.2	3846.3	3608.7	3378.6	3326.6	3482.5	3514.0	3638.4	3811.1	4019.0	4154.5
25°	3690.4	3465.8	3040.7	2780.8	2634.2	2778.9	2968.3	3198.5	3456.5	3723.8	3881.6
27.5°	3085.3	2914.5	2610.0	2376.1	2248.0	2270.3	2431.8	2641.6	2881.0	3061.1	3176.2
30°	2324.1	2248.0	2090.2	2010.4	1932.4	1913.9	1982.6	2062.4	2168.2	2190.4	2220.2
32.5°	1711.6	1700.4	1709.7	1683.7	1668.9	1667.0	1646.6	1665.1	1676.2	1689.2	1663.2
35°	1548.1	1533.3	1507.4	1499.9	1490.7	1494.4	1485.0	1475.8	1483.2	1494.4	1501.8
37.5°	1464.7	1442.4	1405.3	1392.3	1392.3	1397.8	1382.9	1379.3	1392.3	1427.5	1446.1
40°	1399.7	1373.7	1331.0	1314.3	1325.5	1340.3	1319.8	1312.5	1344.0	1381.1	1410.8
42.5°	1338.4	1318.0	1277.2	1258.6	1267.9	1295.7	1266.0	1260.5	1301.3	1342.1	1377.4
45°	1286.5	1266.0	1228.9	1219.6	1223.4	1249.4	1228.9	1228.9	1267.9	1312.5	1344.0
47.5°	1245.6	1219.6	1195.5	1188.0	1191.8	1206.6	1202.9	1202.9	1240.0	1286.5	1318.0
50°	1204.8	1182.5	1150.9	1154.6	1163.9	1184.4	1182.5	1188.0	1225.2	1282.7	1316.1
52.5°	1186.2	1152.8	1117.5	1121.3	1149.1	1173.2	1165.8	1171.4	1214.0	1321.7	1370.0
55°	1165.8	1121.3	1080.4	1085.9	1117.5	1152.8	1143.5	1150.9	1201.0	1347.7	1414.6
57.5°	1126.8	1074.8	1030.3	1034.0	1080.4	1117.5	1102.7	1111.9	1171.4	1319.8	1390.4
58°	1110.1	1065.5	1022.8	1024.7	1069.3	1110.1	1093.4	1100.8	1162.1	1312.5	1379.3
60°	1039.5	1013.6	976.4	978.3	1021.0	1056.3	1046.9	1054.4	1113.8	1258.6	1308.7
62.5°	943.0	928.2	918.9	918.9	944.8	978.3	987.6	996.8	1050.7	1137.9	1182.5
65°	839.1	839.1	840.9	840.9	857.6	900.3	905.9	930.0	980.2	1022.8	1056.3
67.5°	768.5	764.8	768.5	759.3	766.6	792.6	820.5	842.7	894.7	924.5	935.6
70°	677.5	675.7	677.5	664.5	673.8	696.2	714.7	751.8	805.6	827.9	833.5
72.5°	588.4	588.4	592.2	582.9	582.9	607.1	620.0	660.9	711.0	724.0	725.8
75°	495.6	501.2	501.2	488.2	492.0	506.8	523.5	556.9	603.3	612.6	612.6
77.5°	393.5	414.0	414.0	401.0	406.5	408.4	430.6	447.4	482.6	486.4	471.5
80°	285.9	306.3	323.0	311.9	321.1	310.0	323.0	334.1	369.4	352.7	328.5
82.5°	204.2	219.1	232.1	233.9	224.6	204.2	220.9	222.8	239.4	217.2	204.2
85°	113.2	126.2	143.0	135.5	120.7	107.7	113.2	117.0	115.1	109.5	102.1
87.5°	29.7	31.6	35.2	26.0	24.1	20.4	27.9	27.9	31.6	33.4	31.6
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°	7061.5	7061.5	7061.5	7061.5	7061.5	7061.5	7061.5	7061.5	7061.5	7061.5	7061.5
2.5°	6012.7	6094.3	6270.7	6404.4	6567.7	6766.4	7000.3	7236.0	7490.3	7570.1	7681.5
5°	4975.0	5179.2	5264.6	5507.8	5749.1	6111.1	6497.2	6944.6	7434.7	7670.4	7896.9
7.5°	4251.0	4360.5	4449.6	4627.8	4917.5	5357.4	5841.9	6400.6	7094.9	7438.3	7770.6
10°	3861.2	3872.3	3981.9	4202.8	4455.2	4843.2	5301.7	5927.3	6701.4	7119.0	7508.9
12.5°	3603.1	3554.9	3673.7	3903.9	4189.8	4548.1	4969.4	5565.3	6417.4	6846.2	7317.7
15°	3376.7	3300.6	3389.7	3625.4	3907.6	4329.0	4781.9	5413.1	6306.0	6805.4	7328.8
17.5°	3382.2	3172.5	3204.0	3402.7	3683.0	4111.8	4661.3	5407.5	6474.9	7050.4	7670.4
20°	3799.9	3463.9	3321.0	3358.1	3629.1	4097.0	4716.9	5667.4	7029.9	7869.0	8531.7
22.5°	4210.2	4007.9	3777.7	3701.6	3850.0	4340.1	5071.5	6281.9	8236.6	9500.8	10698.1
25°	4067.2	4239.9	4182.3	4074.7	4108.1	4514.6	5312.8	6786.8	9174.0	10597.8	11722.8
27.5°	3254.1	3567.9	3631.0	3629.1	3642.1	3976.3	4778.2	6447.1	9291.0	10807.6	11882.4
30°	2287.0	2314.9	2348.3	2413.2	2472.6	2771.5	3738.7	5660.0	9239.0	10902.3	11979.0
32.5°	1650.3	1687.4	1733.8	1822.9	1964.0	2344.5	3270.9	5409.4	9513.8	11294.0	12261.1
35°	1509.2	1551.9	1596.5	1698.6	1832.2	2184.9	3085.3	5305.5	9964.8	11928.8	12767.9
37.5°	1464.7	1512.9	1551.9	1626.1	1733.8	2069.8	2916.3	5234.9	10427.1	12600.8	13447.3
40°	1433.1	1488.8	1520.4	1579.8	1654.0	1964.0	2765.9	5179.2	10874.5	13215.2	13993.1
42.5°	1405.3	1462.8	1503.6	1546.3	1607.6	1869.3	2632.3	5123.5	11262.4	13811.2	14537.0
45°	1371.8	1444.2	1496.2	1529.6	1583.5	1789.5	2530.2	5078.9	11704.2	14340.2	15086.5
47.5°	1344.0	1423.8	1488.8	1527.8	1548.1	1733.8	2448.5	5140.2	12235.2	14893.4	15597.0
50°	1345.8	1421.9	1503.6	1564.9	1511.0	1687.4	2398.4	5383.4	12925.7	15550.5	15999.7
52.5°	1405.3	1498.0	1563.0	1577.9	1459.1	1631.7	2372.4	5808.5	13742.5	16131.6	16406.4
55°	1472.0	1568.6	1639.1	1629.9	1431.2	1561.1	2366.9	6261.4	14637.2	16809.1	16935.4
57.5°	1447.9	1589.0	1696.7	1648.4	1433.1	1492.5	2342.7	6627.2	15385.3	17315.9	17458.9
58°	1440.5	1581.6	1704.1	1644.7	1427.5	1472.0	2337.1	6658.7	15489.3	17351.2	17533.1
60°	1368.1	1516.6	1698.6	1616.9	1395.9	1416.4	2275.9	6760.8	15461.4	17169.3	17577.6
62.5°	1236.4	1358.8	1570.5	1481.4	1299.5	1342.1	2138.5	6634.5	14707.8	16293.1	16926.1
65°	1087.8	1178.8	1319.8	1303.1	1162.1	1266.0	1951.0	6135.2	13198.6	14871.1	15537.5
67.5°	976.4	1050.7	1139.8	1115.7	1045.1	1163.9	1748.7	5290.6	11505.6	13163.3	14002.4
70°	863.2	920.7	965.3	948.6	926.3	1063.7	1568.6	4293.7	9883.2	11540.9	12353.9
72.5°	748.1	801.9	839.1	814.9	801.9	957.8	1421.9	3332.1	7805.9	9521.1	10566.3
75°	625.6	679.4	705.4	677.5	670.2	844.6	1204.8	2489.3	5856.8	7340.0	8242.2
77.5°	484.5	542.1	575.4	566.2	569.9	694.3	972.7	1704.1	4187.9	5002.8	5953.3
80°	339.7	402.9	425.1	415.9	441.8	529.1	686.8	1082.3	2888.5	3246.7	3916.9
82.5°	209.8	269.2	272.9	282.2	300.8	391.7	518.0	659.0	1813.7	1874.9	2361.3
85°	105.8	128.1	137.3	152.2	168.9	239.4	295.2	408.4	1167.6	883.6	1319.8
87.5°	35.2	37.1	44.6	55.7	68.7	98.4	126.2	167.1	289.6	159.7	408.4
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: P647011

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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7061.5	7061.5	7061.5	7061.5	7061.5	7061.5	7061.5	7061.5	7061.5	7061.5
2.5°	7906.1	8064.0	8179.1	8284.8	8182.7	8173.4	8073.2	7911.7	7844.9	7844.9
5°	8372.1	8741.5	9040.4	9231.6	9149.9	8953.1	8628.3	8214.3	7991.5	7952.5
7.5°	8500.2	9229.7	9784.8	9981.5	9844.2	9409.8	8787.9	8090.0	7770.6	7700.1
10°	8422.2	9370.8	10185.7	10497.6	10306.4	9649.2	8800.9	7945.1	7551.6	7469.9
12.5°	8340.5	9389.3	10260.0	10711.0	10586.7	9842.3	8895.6	7850.4	7395.7	7278.7
15°	8399.9	9396.8	10169.1	10634.9	10714.8	10074.3	9051.5	7919.1	7364.1	7239.7
17.5°	8774.9	9537.9	10039.1	10415.9	10696.2	10389.9	9495.2	8247.7	7646.2	7492.2
20°	9558.3	9875.7	10113.3	10404.7	10855.9	11034.0	10402.9	9149.9	8438.9	8303.4
22.5°	11826.7	11769.2	11282.8	11277.2	11930.6	12645.4	12602.7	10983.9	9914.7	9803.3
25°	12676.9	12409.6	11706.1	11535.3	11823.0	12925.7	12766.0	11358.9	10371.4	10100.3
27.5°	12344.6	11682.0	11219.7	11180.7	11086.0	12127.5	12511.7	11511.1	10531.0	10267.4
30°	12324.3	11349.7	10688.8	10766.8	10857.7	11852.7	12652.8	11988.2	10939.4	10657.3
32.5°	12374.4	11396.1	10727.8	10742.6	11013.7	11893.5	12808.7	12508.0	11475.9	11193.7
35°	12576.7	11659.7	10976.6	10941.3	11364.5	12160.9	13074.2	13324.8	12209.2	11888.0
37.5°	12903.4	12185.0	11431.3	11422.0	12036.5	12643.5	13404.6	14149.0	12938.7	12593.4
40°	13384.2	12799.5	12240.7	12190.6	12949.8	13428.8	13833.4	15027.0	13787.0	13343.3
42.5°	13965.2	13536.4	13308.1	13506.8	14236.3	14310.5	14501.7	15838.3	14509.1	13993.1
45°	14503.6	14483.2	14800.6	15327.8	15752.9	15307.3	15199.7	16382.2	15069.8	14509.1
47.5°	15144.0	15697.2	16655.0	17427.3	17872.8	16467.6	15795.6	16736.8	15478.2	14962.1
50°	15793.7	17150.7	18680.3	19757.0	19851.7	17728.1	16205.8	17070.9	15849.4	15312.9
52.5°	16476.8	18310.9	20347.4	21598.5	21414.7	18825.1	16603.1	17297.3	16231.8	15760.3
55°	17070.9	19021.9	21279.2	22480.2	22211.1	19493.4	17031.9	17542.4	16777.6	16380.4
57.5°	17403.2	19081.3	21047.2	22096.0	21804.5	19363.4	17228.7	17724.3	17126.6	16814.7
58°	17451.4	19001.5	20841.1	21873.3	21576.2	19254.0	17226.8	17716.9	17148.9	16835.1
60°	17408.8	18483.6	20074.5	20993.3	20681.5	18567.1	17156.3	17577.6	16866.7	16601.2
62.5°	17013.3	17585.1	18750.9	19419.2	19330.1	17494.1	16866.7	17052.3	16007.2	15751.1
65°	16493.6	16359.9	17056.0	17529.4	17596.2	16690.3	16578.9	15916.3	14904.6	14542.6
67.5°	15862.4	14971.4	14969.6	15238.7	15350.1	15454.0	15979.4	14681.8	13315.5	12933.1
70°	14791.3	12831.0	12240.7	12558.1	12465.3	13343.3	14908.2	12947.9	11399.8	10952.4
72.5°	12827.3	10182.1	9237.1	9645.5	9411.7	10464.2	13044.5	10655.4	9426.5	8877.0
75°	10397.4	7616.6	6642.0	7016.9	6872.2	7937.7	10854.0	7739.1	6760.8	6551.0
77.5°	8073.2	5518.9	4952.7	4900.7	5008.4	5906.9	7961.9	5225.6	4457.1	4314.1
80°	5186.6	3950.3	3983.7	3916.9	3972.6	3723.8	4833.9	3334.0	3018.4	2903.3
82.5°	3413.8	2752.9	3282.0	3029.5	2877.3	2504.2	3170.6	2183.1	1852.7	1789.5
85°	2326.0	2027.1	1845.2	1410.8	1661.4	1928.8	2378.0	1175.0	931.8	844.6
87.5°	1050.7	705.4	518.0	319.3	505.0	582.9	1154.6	137.3	105.8	109.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)