

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: P459282

Luminaire Tested: **GALN-SA7C-735-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P459282
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-SA7C-735-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 70 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: 39320 lumens
Efficiency: N/A
Efficacy: 104.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

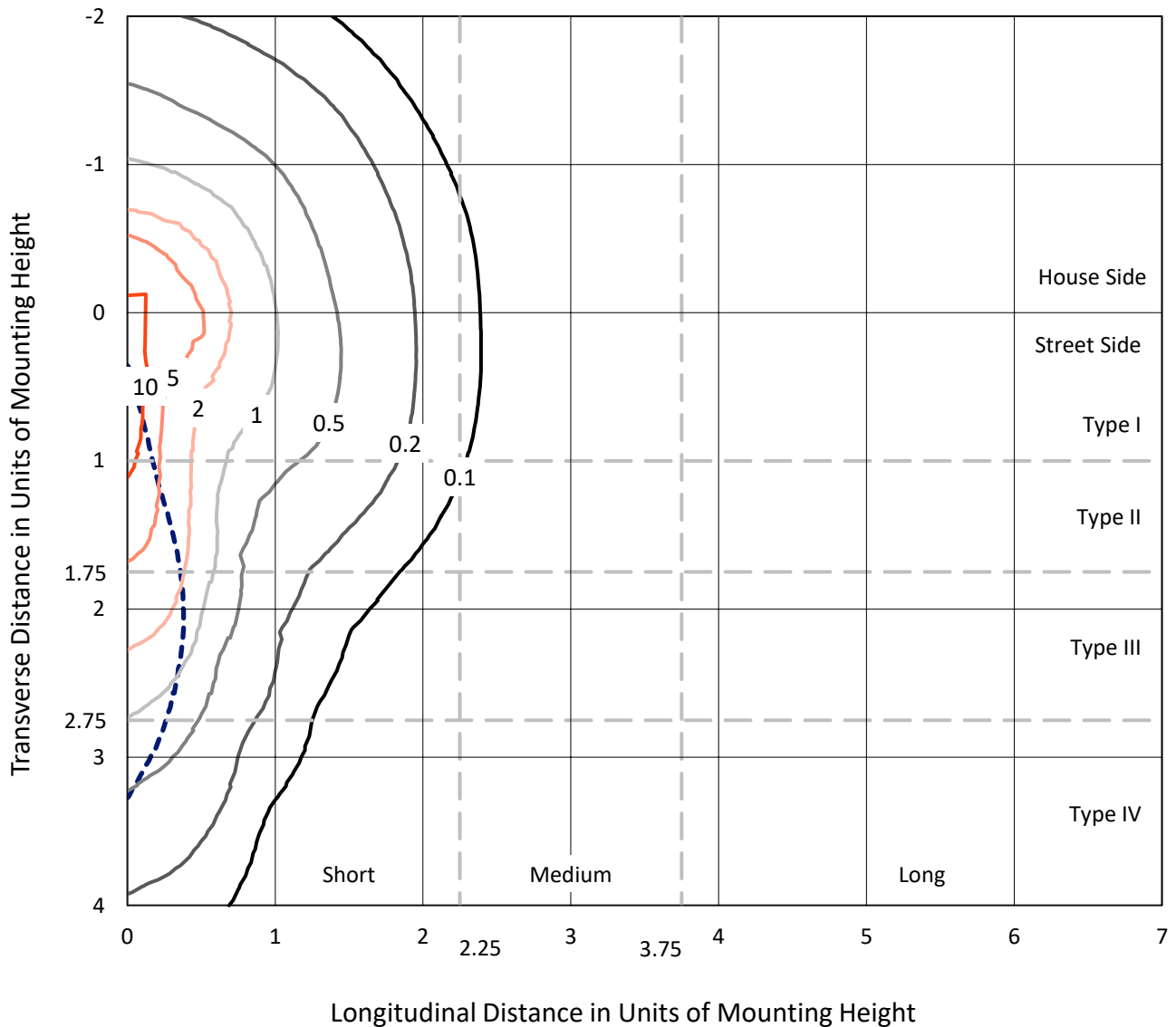
Input Watts (W): 377
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

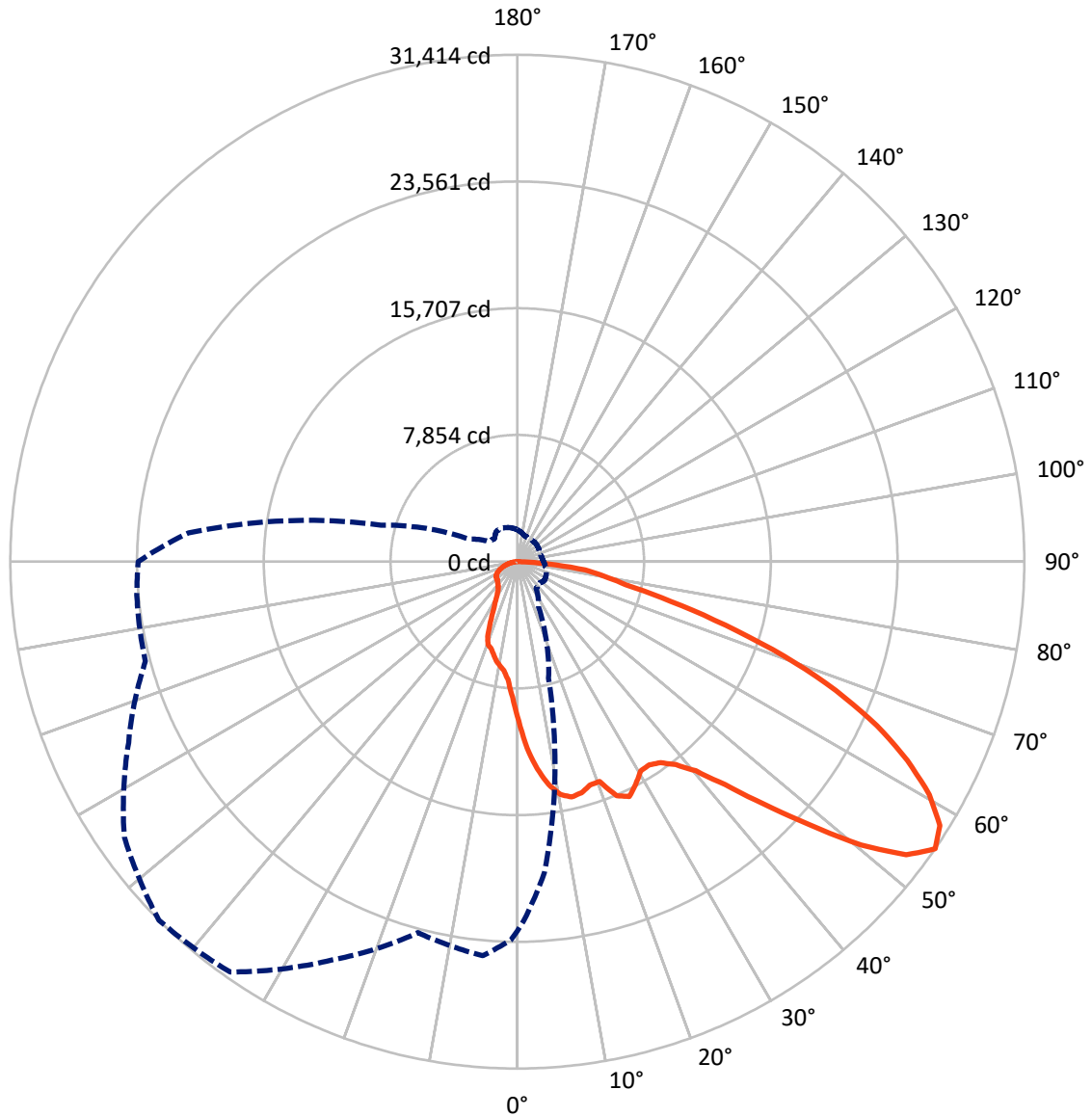
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 16.9 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	8601.1	0.0	8601.1
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	30718.9	0.0	30718.9
	% Fixture	78.1	0.0	78.1
Total	Lumens	39320.0	0.0	39320.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	836.3	2.1
10°-20°	2218.8	5.6
20°-30°	3833.1	9.7
30°-40°	4454.6	11.3
40°-50°	6215.1	15.8
50°-60°	8433.2	21.4
60°-70°	8023.2	20.4
70°-80°	4334.3	11.0
80°-90°	971.4	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°	39320.0	100.0
0°-180°	39320.0	100.0

Coefficient of Utilization



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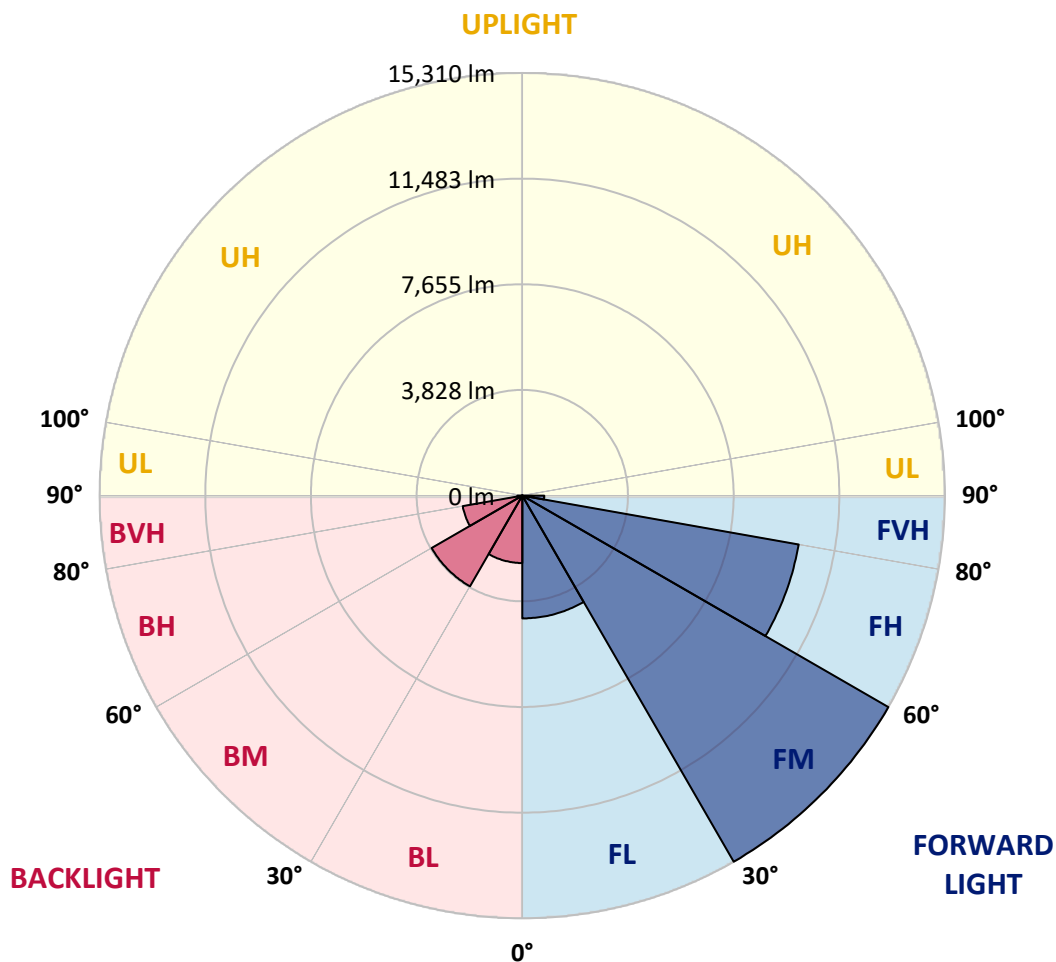
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4447.2	11.3			
FM	(30°-60°)	15310.4	38.9			
FH	(60°-80°)	10167.5	25.9			G4/12000
FVH	(80°-90°)	793.9	2.0			G5
BL	(0°-30°)	2441.0	6.2	B3/2500		
BM	(30°-60°)	3792.5	9.6	B3/5000		
BH	(60°-80°)	2190.0	5.6	B3/2500		G3/2500
BVH	(80°-90°)	177.5	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-G5

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	9867.8	9867.8	9867.8	9867.8	9867.8	9867.8	9867.8	9867.8	9867.8	9867.8	9867.8
2.5°	10962.5	10921.0	10804.2	10498.1	10189.4	9875.6	9634.3	9333.4	9019.5	8850.9	8635.6
5°	11112.9	11066.2	10791.3	10101.2	9476.1	8819.8	8295.8	7836.6	7649.9	7374.9	7154.4
7.5°	10760.1	10739.4	10326.9	9336.0	8480.0	7621.3	7027.3	6658.9	6324.3	6199.8	6225.7
10°	10438.5	10355.5	9839.2	8544.8	7546.1	6848.3	6422.9	6062.3	5826.2	5764.0	5777.0
12.5°	10171.3	10059.7	9450.1	8013.0	7138.8	6581.1	6039.0	5662.8	5447.5	5507.2	5709.5
15°	10116.8	9966.4	9286.7	7831.5	6915.7	6197.2	5603.2	5170.0	5009.1	5138.8	5463.1
17.5°	10469.6	10280.2	9566.9	7891.1	6703.0	5805.5	5076.6	4581.1	4446.2	4653.7	5076.6
20°	11603.2	11323.0	10441.1	8236.1	6682.3	5610.9	4770.5	4272.4	4329.5	4723.8	5164.8
22.5°	13699.2	13279.0	11971.6	8739.4	6791.2	5561.7	4708.2	4448.8	4762.7	5097.3	5387.9
25°	14114.3	13784.8	12246.5	8853.5	6767.9	5527.9	4884.6	5014.3	5364.5	5530.5	5429.4
27.5°	14347.7	13971.6	12228.4	8288.0	6051.9	5014.3	4669.3	4884.6	4972.8	4812.0	4537.0
30°	14892.5	14500.8	12537.1	7694.0	4983.2	3719.9	3260.7	3172.5	3232.2	3263.3	3164.7
32.5°	15642.1	15255.6	13118.1	7304.9	4308.7	3076.5	2625.2	2500.7	2472.1	2438.4	2399.5
35°	16612.3	16018.3	13688.8	7055.8	4031.2	2845.7	2430.6	2334.6	2295.7	2249.0	2207.5
37.5°	17598.1	16975.5	14410.0	6793.8	3847.0	2684.8	2300.9	2256.8	2189.4	2140.1	2080.4
40°	18646.1	17948.3	15066.3	6565.6	3668.0	2581.1	2207.5	2202.4	2114.2	2057.1	1987.0
42.5°	19554.0	18835.4	15652.5	6425.5	3530.5	2472.1	2150.5	2166.0	2075.2	1989.6	1898.8
45°	20275.1	19569.5	16194.7	6425.5	3419.0	2363.2	2140.1	2129.7	2038.9	1932.6	1828.8
47.5°	20908.1	20179.2	16723.9	6588.9	3348.9	2272.4	2083.0	2101.2	2007.8	1872.9	1771.7
50°	21398.4	20755.0	17437.2	6843.1	3278.9	2199.8	2010.4	2109.0	1981.9	1841.8	1725.0
52.5°	22023.5	21447.6	18295.9	7190.7	3219.2	2119.3	1945.5	2109.0	1979.3	1844.4	1717.3
55°	22889.9	22282.9	19330.9	7478.7	3123.2	2044.1	1888.5	2049.3	1971.5	1831.4	1696.5
57.5°	23496.9	23043.0	20062.4	7670.6	2985.8	1948.1	1836.6	1992.2	1937.8	1782.1	1634.3
58°	23525.5	23081.9	20168.8	7714.7	2952.0	1930.0	1823.6	1966.3	1922.2	1761.4	1613.5
60°	23198.6	22817.3	20189.5	7652.5	2760.1	1839.2	1756.2	1859.9	1839.2	1639.4	1502.0
62.5°	22010.6	21603.3	19351.6	7146.6	2505.9	1727.6	1652.4	1717.3	1670.6	1468.2	1341.1
65°	20321.8	19572.1	17629.2	6352.8	2324.3	1608.3	1512.3	1517.5	1468.2	1323.0	1211.4
67.5°	18072.8	17234.9	14926.2	5354.1	2186.8	1476.0	1346.3	1333.3	1273.7	1180.3	1089.5
70°	15304.9	14731.6	12129.8	4355.4	2033.7	1330.8	1159.5	1151.8	1115.4	1045.4	965.0
72.5°	12404.8	11675.8	9795.2	3486.4	1847.0	1190.7	985.7	1001.3	954.6	905.3	832.7
75°	9154.4	8677.1	7572.0	2796.4	1595.3	1037.6	822.3	827.5	806.8	754.9	697.8
77.5°	6028.6	5885.9	5416.4	1836.6	1227.0	824.9	671.9	677.0	661.5	614.8	555.1
80°	4057.1	3961.1	3670.6	1182.9	819.7	596.6	518.8	524.0	521.4	472.1	391.7
82.5°	2500.7	2459.2	2365.8	799.0	568.1	428.0	342.4	358.0	386.5	332.0	267.2
85°	1180.3	1182.9	1429.3	435.8	334.6	275.0	186.8	199.7	199.7	199.7	150.5
87.5°	153.0	160.8	197.1	184.2	121.9	103.8	67.4	57.1	49.3	64.9	46.7
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	9867.8	9867.8	9867.8	9867.8	9867.8	9867.8	9867.8	9867.8	9867.8	9867.8	9867.8
2.5°	8560.4	8508.5	8397.0	8371.0	8355.5	8399.5	8282.8	8313.9	8262.1	8407.3	8384.0
5°	7167.4	7172.6	7263.4	7323.0	7343.8	7323.0	7245.2	7110.3	7006.5	6965.0	6975.4
7.5°	6176.4	6267.2	6422.9	6596.7	6754.9	6801.6	6757.5	6500.7	6220.5	6044.1	5987.1
10°	5847.0	5968.9	6147.9	6285.4	6425.5	6537.0	6560.4	6360.6	6028.6	5610.9	5447.5
12.5°	5865.2	6031.2	6202.4	6246.5	6233.5	6277.6	6256.9	6223.1	6005.2	5473.5	5201.1
15°	5694.0	5891.1	6010.4	5987.1	5945.6	5906.7	5852.2	5766.6	5688.8	5315.2	5014.3
17.5°	5299.7	5502.0	5600.6	5608.3	5608.3	5598.0	5465.7	5434.5	5424.2	5242.6	5058.4
20°	5372.3	5483.8	5439.7	5367.1	5387.9	5457.9	5380.1	5364.5	5424.2	5504.6	5470.9
22.5°	5413.8	5374.9	5042.8	4721.2	4648.5	4866.4	4910.5	5084.3	5325.6	5616.1	5805.5
25°	5157.0	4843.1	4249.1	3885.9	3681.0	3883.3	4147.9	4469.6	4830.1	5203.7	5424.2
27.5°	4311.3	4072.7	3647.2	3320.4	3141.4	3172.5	3398.2	3691.3	4026.0	4277.6	4438.4
30°	3247.8	3141.4	2920.9	2809.4	2700.4	2674.5	2770.5	2882.0	3029.9	3061.0	3102.5
32.5°	2391.7	2376.2	2389.1	2352.8	2332.1	2329.5	2300.9	2326.9	2342.4	2360.6	2324.3
35°	2163.4	2142.7	2106.4	2096.0	2083.0	2088.2	2075.2	2062.3	2072.6	2088.2	2098.6
37.5°	2046.7	2015.6	1963.7	1945.5	1945.5	1953.3	1932.6	1927.4	1945.5	1994.8	2020.8
40°	1955.9	1919.6	1859.9	1836.6	1852.2	1872.9	1844.4	1834.0	1878.1	1930.0	1971.5
42.5°	1870.3	1841.8	1784.7	1758.8	1771.7	1810.7	1769.1	1761.4	1818.4	1875.5	1924.8
45°	1797.7	1769.1	1717.3	1704.3	1709.5	1745.8	1717.3	1717.3	1771.7	1834.0	1878.1
47.5°	1740.6	1704.3	1670.6	1660.2	1665.4	1686.1	1680.9	1680.9	1732.8	1797.7	1841.8
50°	1683.5	1652.4	1608.3	1613.5	1626.5	1655.0	1652.4	1660.2	1712.1	1792.5	1839.2
52.5°	1657.6	1610.9	1561.6	1566.8	1605.7	1639.4	1629.1	1636.8	1696.5	1847.0	1914.4
55°	1629.1	1566.8	1509.7	1517.5	1561.6	1610.9	1597.9	1608.3	1678.4	1883.3	1976.7
57.5°	1574.6	1502.0	1439.7	1444.9	1509.7	1561.6	1540.9	1553.8	1636.8	1844.4	1942.9
58°	1551.2	1489.0	1429.3	1431.9	1494.2	1551.2	1527.9	1538.3	1623.9	1834.0	1927.4
60°	1452.7	1416.4	1364.5	1367.1	1426.7	1476.0	1463.0	1473.4	1556.4	1758.8	1828.8
62.5°	1317.8	1297.0	1284.1	1284.1	1320.4	1367.1	1380.0	1393.0	1468.2	1590.2	1652.4
65°	1172.5	1172.5	1175.1	1175.1	1198.5	1258.1	1265.9	1299.6	1369.7	1429.3	1476.0
67.5°	1073.9	1068.8	1073.9	1061.0	1071.3	1107.7	1146.6	1177.7	1250.3	1291.8	1307.4
70°	946.8	944.2	946.8	928.7	941.6	972.8	998.7	1050.6	1125.8	1156.9	1164.7
72.5°	822.3	822.3	827.5	814.5	814.5	848.3	866.4	923.5	993.5	1011.7	1014.3
75°	692.6	700.4	700.4	682.2	687.4	708.2	731.5	778.2	843.1	856.0	856.0
77.5°	549.9	578.5	578.5	560.3	568.1	570.7	601.8	625.2	674.5	679.6	658.9
80°	399.5	428.0	451.4	435.8	448.8	433.2	451.4	466.9	516.2	492.9	459.1
82.5°	285.3	306.1	324.3	326.9	313.9	285.3	308.7	311.3	334.6	303.5	285.3
85°	158.2	176.4	199.7	189.4	168.6	150.5	158.2	163.4	160.8	153.0	142.7
87.5°	41.5	44.1	49.3	36.3	33.7	28.5	38.9	38.9	44.1	46.7	44.1
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	9867.8	9867.8	9867.8	9867.8	9867.8	9867.8	9867.8	9867.8	9867.8	9867.8	9867.8
2.5°	8402.1	8516.3	8762.7	8949.5	9177.8	9455.3	9782.2	10111.6	10467.0	10578.6	10734.2
5°	6952.1	7237.4	7356.7	7696.6	8033.8	8539.6	9079.2	9704.4	10389.2	10718.6	11035.1
7.5°	5940.4	6093.4	6217.9	6467.0	6871.7	7486.4	8163.5	8944.3	9914.5	10394.4	10858.7
10°	5395.6	5411.2	5564.2	5872.9	6225.7	6767.9	7408.6	8282.8	9364.5	9948.2	10493.0
12.5°	5035.1	4967.6	5133.6	5455.3	5854.8	6355.4	6944.3	7777.0	8967.6	9566.9	10225.8
15°	4718.6	4612.2	4736.7	5066.2	5460.5	6049.3	6682.3	7564.3	8812.0	9509.8	10241.3
17.5°	4726.4	4433.2	4477.3	4754.9	5146.6	5745.8	6513.7	7556.5	9048.1	9852.2	10718.6
20°	5310.0	4840.5	4640.8	4692.6	5071.4	5725.1	6591.5	7919.6	9823.7	10996.2	11922.3
22.5°	5883.3	5600.6	5278.9	5172.5	5380.1	6064.9	7087.0	8778.3	11509.8	13276.4	14949.5
25°	5683.6	5924.8	5844.4	5694.0	5740.6	6308.7	7424.2	9483.9	12819.8	14809.5	16381.5
27.5°	4547.4	4985.8	5074.0	5071.4	5089.5	5556.5	6677.1	9009.2	12983.2	15102.6	16604.5
30°	3195.9	3234.8	3281.5	3372.3	3455.3	3872.9	5224.4	7909.3	12910.6	15234.9	16739.4
32.5°	2306.1	2358.0	2422.8	2547.4	2744.5	3276.3	4570.7	7559.1	13294.5	15782.2	17133.7
35°	2109.0	2168.6	2230.9	2373.6	2560.3	3053.2	4311.3	7413.8	13924.9	16669.4	17841.9
37.5°	2046.7	2114.2	2168.6	2272.4	2422.8	2892.4	4075.3	7315.2	14570.8	17608.4	18791.3
40°	2002.6	2080.4	2124.5	2207.5	2311.3	2744.5	3865.1	7237.4	15196.0	18467.1	19554.0
42.5°	1963.7	2044.1	2101.2	2160.8	2246.5	2612.2	3678.4	7159.6	15738.1	19299.8	20314.0
45°	1917.0	2018.2	2090.8	2137.5	2212.7	2500.7	3535.7	7097.3	16355.5	20039.1	21081.9
47.5°	1878.1	1989.6	2080.4	2134.9	2163.4	2422.8	3421.6	7182.9	17097.4	20812.1	21795.2
50°	1880.7	1987.0	2101.2	2186.8	2111.6	2358.0	3351.5	7522.8	18062.4	21730.4	22358.2
52.5°	1963.7	2093.4	2184.2	2204.9	2038.9	2280.2	3315.2	8116.8	19203.8	22542.3	22926.3
55°	2057.1	2192.0	2290.6	2277.6	2000.0	2181.6	3307.4	8749.7	20454.1	23489.2	23665.6
57.5°	2023.4	2220.5	2371.0	2303.5	2002.6	2085.6	3273.7	9260.8	21499.5	24197.3	24397.1
58°	2013.0	2210.1	2381.3	2298.3	1994.8	2057.1	3265.9	9304.9	21644.8	24246.6	24500.8
60°	1911.8	2119.3	2373.6	2259.4	1950.7	1979.3	3180.3	9447.5	21605.9	23992.4	24563.1
62.5°	1727.6	1898.8	2194.6	2070.1	1815.8	1875.5	2988.4	9271.2	20552.7	22768.0	23652.6
65°	1520.1	1647.2	1844.4	1821.0	1623.9	1769.1	2726.4	8573.4	18443.7	20781.0	21712.2
67.5°	1364.5	1468.2	1592.7	1559.0	1460.5	1626.5	2443.6	7393.1	16078.0	18394.4	19567.0
70°	1206.2	1286.7	1348.9	1325.6	1294.4	1486.4	2192.0	6000.0	13810.7	16127.2	17263.4
72.5°	1045.4	1120.6	1172.5	1138.8	1120.6	1338.5	1987.0	4656.3	10908.0	13304.9	14765.4
75°	874.2	949.4	985.7	946.8	936.5	1180.3	1683.5	3478.6	8184.2	10256.9	11517.6
77.5°	677.0	757.5	804.2	791.2	796.4	970.2	1359.3	2381.3	5852.2	6991.0	8319.1
80°	474.7	562.9	594.0	581.1	617.4	739.3	959.8	1512.3	4036.3	4537.0	5473.5
82.5°	293.1	376.1	381.3	394.3	420.2	547.3	723.7	920.9	2534.4	2620.0	3299.6
85°	147.9	179.0	192.0	212.7	236.1	334.6	412.5	570.7	1631.7	1234.8	1844.4
87.5°	49.3	51.9	62.3	77.8	96.0	137.5	176.4	233.5	404.7	223.1	570.7
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: P459282

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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	9867.8	9867.8	9867.8	9867.8	9867.8	9867.8	9867.8	9867.8	9867.8	9867.8
2.5°	11048.1	11268.6	11429.4	11577.3	11434.6	11421.6	11281.5	11055.9	10962.5	10962.5
5°	11699.2	12215.4	12633.0	12900.2	12786.1	12511.1	12057.2	11478.7	11167.4	11112.9
7.5°	11878.2	12897.6	13673.3	13948.2	13756.3	13149.3	12280.3	11304.9	10858.7	10760.1
10°	11769.2	13094.8	14233.6	14669.4	14402.2	13483.9	12298.4	11102.6	10552.6	10438.5
12.5°	11655.1	13120.7	14337.3	14967.7	14793.9	13753.7	12430.7	10970.3	10334.7	10171.3
15°	11738.1	13131.1	14210.2	14861.3	14972.9	14077.9	12648.6	11066.2	10290.6	10116.8
17.5°	12262.1	13328.3	14028.6	14555.2	14946.9	14518.9	13268.6	11525.4	10684.9	10469.6
20°	13356.8	13800.4	14132.4	14539.7	15170.0	15419.1	14537.1	12786.1	11792.6	11603.2
22.5°	16526.7	16446.3	15766.7	15758.9	16672.0	17670.7	17611.0	15349.0	13854.8	13699.2
25°	17714.8	17341.3	16358.1	16119.5	16521.5	18062.4	17839.3	15873.0	14493.0	14114.3
27.5°	17250.5	16324.4	15678.5	15624.0	15491.7	16947.0	17483.9	16085.7	14716.1	14347.7
30°	17221.9	15860.1	14936.6	15045.5	15172.6	16563.0	17681.1	16752.4	15286.8	14892.5
32.5°	17292.0	15924.9	14991.0	15011.8	15390.5	16620.1	17899.0	17478.7	16036.4	15642.1
35°	17574.7	16293.3	15338.6	15289.4	15880.8	16993.7	18269.9	18620.1	17061.1	16612.3
37.5°	18031.3	17027.4	15974.2	15961.2	16819.9	17668.1	18731.7	19771.9	18080.6	17598.1
40°	18703.1	17886.0	17105.2	17035.2	18096.1	18765.4	19330.9	20998.9	19266.0	18646.1
42.5°	19515.1	18915.8	18596.8	18874.3	19893.8	19997.6	20264.8	22132.5	20275.1	19554.0
45°	20267.3	20238.8	20682.4	21419.1	22013.1	21390.6	21240.1	22892.5	21058.5	20275.1
47.5°	21162.3	21935.3	23273.9	24353.0	24975.6	23011.9	22072.8	23388.0	21629.2	20908.1
50°	22070.2	23966.5	26104.0	27608.5	27740.8	24773.2	22646.1	23854.9	22148.0	21398.4
52.5°	23024.8	25587.8	28433.4	30181.8	29925.0	26306.3	23201.2	24171.4	22682.4	22023.5
55°	23854.9	26581.3	29735.6	31414.0	31037.9	27240.2	23800.5	24513.8	23445.1	22889.9
57.5°	24319.3	26664.3	29411.4	30877.0	30469.8	27058.6	24075.4	24768.0	23932.7	23496.9
58°	24386.7	26552.7	29123.5	30565.7	30150.7	26905.5	24072.8	24757.7	23963.9	23525.5
60°	24327.0	25829.0	28052.1	29336.2	28900.4	25945.7	23974.3	24563.1	23569.6	23198.6
62.5°	23774.5	24573.5	26202.5	27136.4	27011.9	24446.4	23569.6	23829.0	22368.5	22010.6
65°	23048.2	22861.4	23834.2	24495.7	24589.0	23323.1	23167.5	22241.4	20827.7	20321.8
67.5°	22166.2	20921.1	20918.5	21294.6	21450.2	21595.5	22329.6	20516.4	18607.2	18072.8
70°	20669.4	17930.1	17105.2	17548.8	17419.1	18646.1	20832.9	18093.5	15930.1	15304.9
72.5°	17924.9	14228.4	12908.0	13478.7	13151.9	14622.7	18228.4	14889.9	13172.6	12404.8
75°	14529.3	10643.4	9281.5	9805.5	9603.2	11092.2	15167.4	10814.6	9447.5	9154.4
77.5°	11281.5	7712.1	6920.9	6848.3	6998.8	8254.3	11125.9	7302.3	6228.3	6028.6
80°	7247.8	5520.1	5566.8	5473.5	5551.3	5203.7	6754.9	4658.9	4217.9	4057.1
82.5°	4770.5	3847.0	4586.3	4233.5	4020.8	3499.4	4430.6	3050.6	2588.9	2500.7
85°	3250.4	2832.7	2578.5	1971.5	2321.7	2695.2	3323.0	1642.0	1302.2	1180.3
87.5°	1468.2	985.7	723.7	446.2	705.6	814.5	1613.5	192.0	147.9	153.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)