

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: P457542

Luminaire Tested: **GALN-SA8D-827-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P457542
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-SA8D-827-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 80 CRI, 2700K, 1200mA 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: 39583 lumens
Efficiency: N/A
Efficacy: 80.3 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

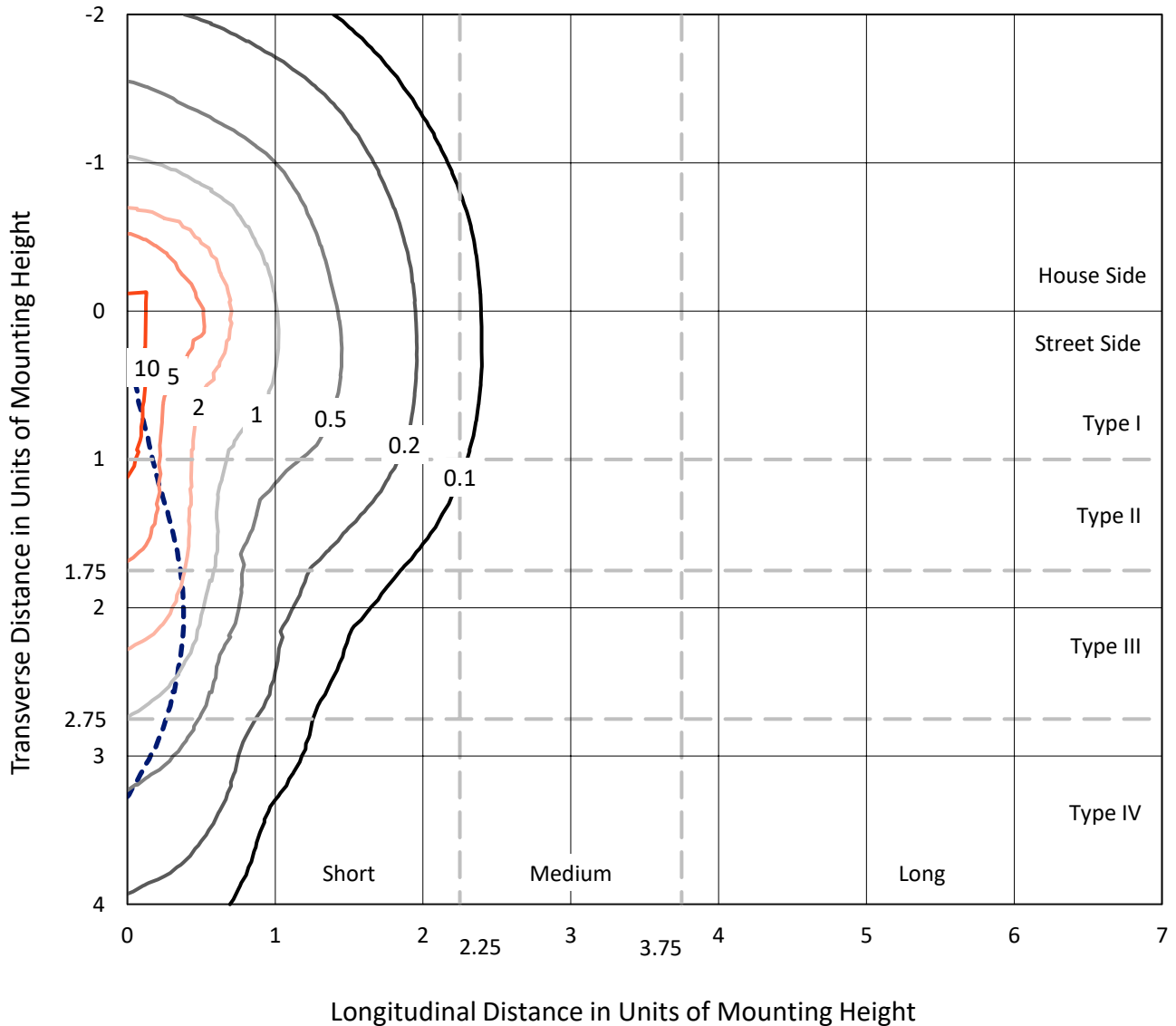
Input Watts (W): 493
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

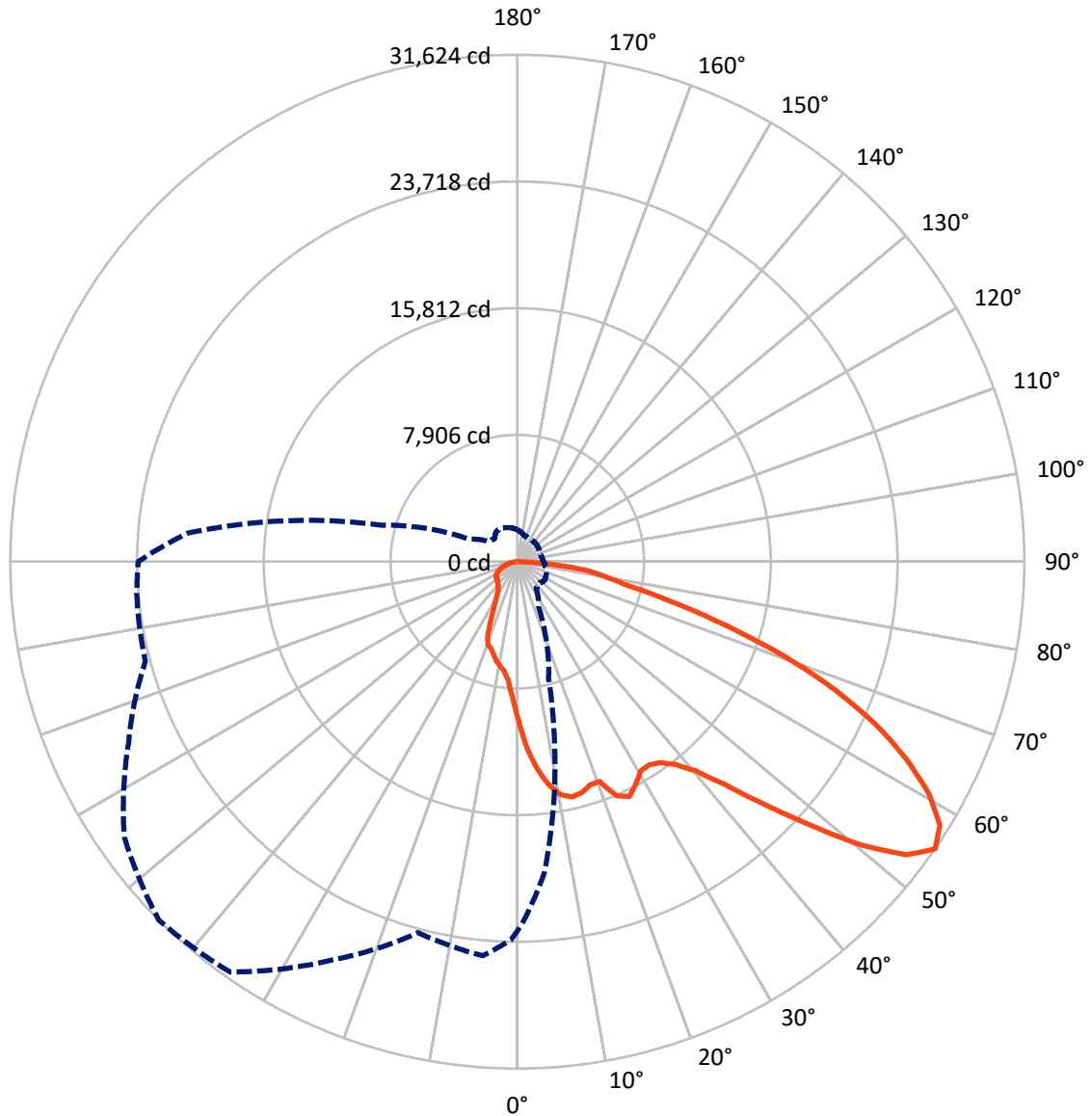
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 17 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	8658.6	0.0	8658.6
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	30924.4	0.0	30924.4
	% Fixture	78.1	0.0	78.1
Total	Lumens	39583.0	0.0	39583.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	841.9	2.1
10°-20°	2233.6	5.6
20°-30°	3858.7	9.7
30°-40°	4484.4	11.3
40°-50°	6256.7	15.8
50°-60°	8489.6	21.4
60°-70°	8076.9	20.4
70°-80°	4363.3	11.0
80°-90°	977.9	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°	39583.0	100.0
0°-180°	39583.0	100.0

Coefficient of Utilization



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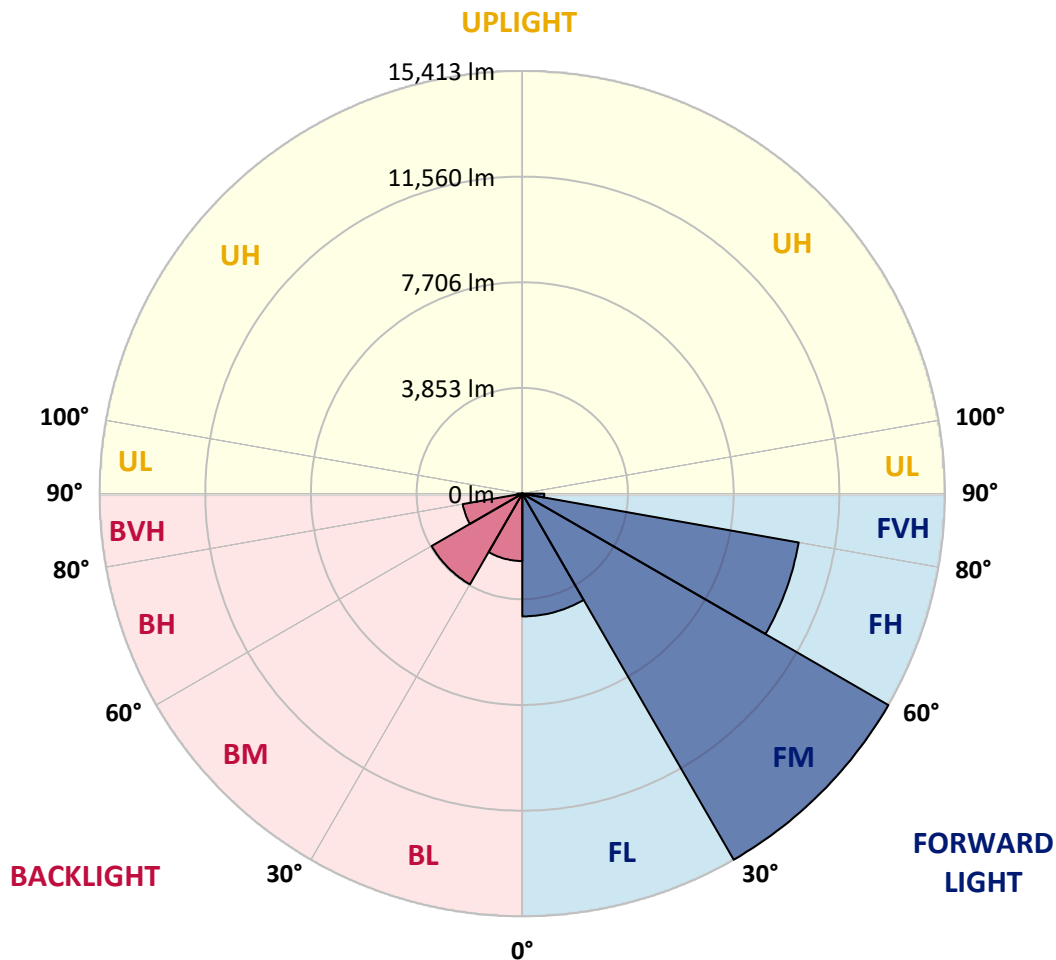
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4476.9	11.3			
FM	(30°-60°)	15412.8	38.9			
FH	(60°-80°)	10235.5	25.9			G4/12000
FVH	(80°-90°)	799.2	2.0			G5
BL	(0°-30°)	2457.3	6.2	B3/2500		
BM	(30°-60°)	3817.9	9.6	B3/5000		
BH	(60°-80°)	2204.7	5.6	B3/2500		G3/2500
BVH	(80°-90°)	178.7	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-G5

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	9933.8	9933.8	9933.8	9933.8	9933.8	9933.8	9933.8	9933.8	9933.8	9933.8	9933.8
2.5°	11035.8	10994.0	10876.5	10568.4	10257.6	9941.6	9698.8	9395.8	9079.9	8910.1	8693.4
5°	11187.3	11140.3	10863.4	10168.8	9539.5	8878.8	8351.3	7889.1	7701.0	7424.2	7202.3
7.5°	10832.1	10811.2	10396.0	9398.4	8536.7	7672.3	7074.3	6703.5	6366.6	6241.3	6267.4
10°	10508.3	10424.7	9905.1	8602.0	7596.6	6894.1	6465.8	6102.9	5865.2	5802.5	5815.6
12.5°	10239.3	10127.0	9513.4	8066.6	7186.6	6625.1	6079.4	5700.7	5484.0	5544.0	5747.7
15°	10184.5	10033.0	9348.8	7883.8	6962.0	6238.6	5640.6	5204.5	5042.6	5173.2	5499.6
17.5°	10539.6	10349.0	9630.9	7943.9	6747.9	5844.3	5110.5	4611.7	4475.9	4684.9	5110.5
20°	11680.8	11398.8	10510.9	8291.2	6727.0	5648.5	4802.4	4301.0	4358.4	4755.4	5199.3
22.5°	13790.8	13367.8	12051.6	8797.8	6836.7	5598.9	4739.7	4478.6	4794.5	5131.4	5423.9
25°	14208.7	13877.0	12328.4	8912.7	6813.2	5564.9	4917.3	5047.8	5400.4	5567.5	5465.7
27.5°	14443.7	14065.0	12310.2	8343.4	6092.4	5047.8	4700.5	4917.3	5006.1	4844.2	4567.3
30°	14992.1	14597.8	12620.9	7745.4	5016.5	3744.8	3282.5	3193.7	3253.8	3285.1	3185.9
32.5°	15746.8	15357.7	13205.9	7353.7	4337.5	3097.1	2642.7	2517.4	2488.7	2454.7	2415.6
35°	16723.4	16125.4	13780.4	7103.0	4058.1	2864.7	2446.9	2350.3	2311.1	2264.1	2222.3
37.5°	17715.8	17089.0	14506.4	6839.3	3872.7	2702.8	2316.3	2271.9	2204.0	2154.4	2094.3
40°	18770.8	18068.3	15167.0	6609.5	3692.5	2598.3	2222.3	2217.1	2128.3	2070.8	2000.3
42.5°	19684.8	18961.4	15757.2	6468.5	3554.1	2488.7	2164.9	2180.5	2089.1	2002.9	1911.5
45°	20410.7	19700.4	16303.0	6468.5	3441.8	2379.0	2154.4	2144.0	2052.6	1945.5	1841.0
47.5°	21047.9	20314.1	16835.7	6633.0	3371.3	2287.6	2097.0	2115.2	2021.2	1885.4	1783.6
50°	21541.5	20893.9	17553.9	6888.9	3300.8	2214.5	2023.8	2123.1	1995.1	1854.1	1736.6
52.5°	22170.8	21591.1	18418.2	7238.8	3240.8	2133.5	1958.6	2123.1	1992.5	1856.7	1728.8
55°	23043.0	22432.0	19460.2	7528.7	3144.1	2057.8	1901.1	2063.0	1984.7	1843.7	1707.9
57.5°	23654.1	23197.1	20196.6	7721.9	3005.7	1961.2	1848.9	2005.6	1950.7	1794.0	1645.2
58°	23682.8	23236.3	20303.7	7766.3	2971.8	1942.9	1835.8	1979.4	1935.1	1773.1	1624.3
60°	23353.8	22969.9	20324.6	7703.6	2778.5	1851.5	1767.9	1872.4	1851.5	1650.4	1512.0
62.5°	22157.8	21747.8	19481.1	7194.4	2522.6	1739.2	1663.5	1728.8	1681.7	1478.1	1350.1
65°	20457.8	19703.1	17747.1	6395.3	2339.8	1619.1	1522.4	1527.7	1478.1	1331.8	1219.5
67.5°	18193.7	17350.2	15026.0	5389.9	2201.4	1485.9	1355.3	1342.3	1282.2	1188.2	1096.8
70°	15407.3	14830.2	12210.9	4384.5	2047.3	1339.7	1167.3	1159.5	1122.9	1052.4	971.4
72.5°	12487.7	11753.9	9860.7	3509.7	1859.3	1198.6	992.3	1008.0	961.0	911.4	838.3
75°	9215.7	8735.2	7622.7	2815.1	1606.0	1044.6	827.8	833.0	812.1	759.9	702.5
77.5°	6068.9	5925.3	5452.6	1848.9	1235.2	830.4	676.4	681.6	665.9	618.9	558.8
80°	4084.2	3987.6	3695.1	1190.8	825.2	600.6	522.3	527.5	524.9	475.3	394.3
82.5°	2517.4	2475.6	2381.6	804.3	571.9	430.9	344.7	360.4	389.1	334.3	269.0
85°	1188.2	1190.8	1438.9	438.7	336.9	276.8	188.0	201.1	201.1	201.1	151.5
87.5°	154.1	161.9	198.5	185.4	122.7	104.5	67.9	57.5	49.6	65.3	47.0
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°	9933.8	9933.8	9933.8	9933.8	9933.8	9933.8	9933.8	9933.8	9933.8	9933.8	9933.8
2.5°	8617.6	8565.4	8453.1	8427.0	8411.3	8455.7	8338.2	8369.6	8317.3	8463.6	8440.1
5°	7215.3	7220.5	7311.9	7372.0	7392.9	7372.0	7293.7	7157.9	7053.4	7011.6	7022.1
7.5°	6217.8	6309.2	6465.8	6640.8	6800.1	6847.1	6802.7	6544.2	6262.2	6084.6	6027.1
10°	5886.1	6008.8	6189.0	6327.4	6468.5	6580.7	6604.2	6403.2	6068.9	5648.5	5484.0
12.5°	5904.4	6071.5	6243.9	6288.3	6275.2	6319.6	6298.7	6264.8	6045.4	5510.1	5235.9
15°	5732.0	5930.5	6050.6	6027.1	5985.3	5946.2	5891.3	5805.2	5726.8	5350.8	5047.8
17.5°	5335.1	5538.8	5638.0	5645.9	5645.9	5635.4	5502.2	5470.9	5460.4	5277.7	5092.2
20°	5408.2	5520.5	5476.1	5403.0	5423.9	5494.4	5416.1	5400.4	5460.4	5541.4	5507.5
22.5°	5450.0	5410.8	5076.6	4752.8	4679.6	4899.0	4943.4	5118.4	5361.2	5653.7	5844.3
25°	5191.5	4875.5	4277.5	3911.9	3705.6	3909.3	4175.6	4499.5	4862.4	5238.5	5460.4
27.5°	4340.2	4099.9	3671.6	3342.6	3162.4	3193.7	3420.9	3716.0	4052.9	4306.2	4468.1
30°	3269.5	3162.4	2940.4	2828.2	2718.5	2692.4	2789.0	2901.3	3050.1	3081.5	3123.2
32.5°	2407.7	2392.0	2405.1	2368.5	2347.7	2345.0	2316.3	2342.4	2358.1	2376.4	2339.8
35°	2177.9	2157.0	2120.5	2110.0	2097.0	2102.2	2089.1	2076.1	2086.5	2102.2	2112.6
37.5°	2060.4	2029.1	1976.8	1958.6	1958.6	1966.4	1945.5	1940.3	1958.6	2008.2	2034.3
40°	1969.0	1932.4	1872.4	1848.9	1864.5	1885.4	1856.7	1846.3	1890.7	1942.9	1984.7
42.5°	1882.8	1854.1	1796.6	1770.5	1783.6	1822.8	1781.0	1773.1	1830.6	1888.0	1937.7
45°	1809.7	1781.0	1728.8	1715.7	1720.9	1757.5	1728.8	1728.8	1783.6	1846.3	1890.7
47.5°	1752.3	1715.7	1681.7	1671.3	1676.5	1697.4	1692.2	1692.2	1744.4	1809.7	1854.1
50°	1694.8	1663.5	1619.1	1624.3	1637.4	1666.1	1663.5	1671.3	1723.5	1804.5	1851.5
52.5°	1668.7	1621.7	1572.1	1577.3	1616.5	1650.4	1640.0	1647.8	1707.9	1859.3	1927.2
55°	1640.0	1577.3	1519.8	1527.7	1572.1	1621.7	1608.6	1619.1	1689.6	1895.9	1989.9
57.5°	1585.1	1512.0	1449.3	1454.6	1519.8	1572.1	1551.2	1564.2	1647.8	1856.7	1955.9
58°	1561.6	1498.9	1438.9	1441.5	1504.2	1561.6	1538.1	1548.6	1634.7	1846.3	1940.3
60°	1462.4	1425.8	1373.6	1376.2	1436.3	1485.9	1472.8	1483.3	1566.8	1770.5	1841.0
62.5°	1326.6	1305.7	1292.6	1292.6	1329.2	1376.2	1389.3	1402.3	1478.1	1600.8	1663.5
65°	1180.4	1180.4	1183.0	1183.0	1206.5	1266.5	1274.4	1308.3	1378.8	1438.9	1485.9
67.5°	1081.1	1075.9	1081.1	1068.1	1078.5	1115.1	1154.2	1185.6	1258.7	1300.5	1316.1
70°	953.2	950.6	953.2	934.9	947.9	979.3	1005.4	1057.6	1133.4	1164.7	1172.5
72.5°	827.8	827.8	833.0	820.0	820.0	853.9	872.2	929.7	1000.2	1018.4	1021.1
75°	697.2	705.1	705.1	686.8	692.0	712.9	736.4	783.4	848.7	861.8	861.8
77.5°	553.6	582.3	582.3	564.1	571.9	574.5	605.8	629.3	679.0	684.2	663.3
80°	402.2	430.9	454.4	438.7	451.8	436.1	454.4	470.1	519.7	496.2	462.2
82.5°	287.3	308.1	326.4	329.0	316.0	287.3	310.8	313.4	336.9	305.5	287.3
85°	159.3	177.6	201.1	190.6	169.7	151.5	159.3	164.5	161.9	154.1	143.6
87.5°	41.8	44.4	49.6	36.6	33.9	28.7	39.2	39.2	44.4	47.0	44.4
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°	9933.8	9933.8	9933.8	9933.8	9933.8	9933.8	9933.8	9933.8	9933.8	9933.8	9933.8
2.5°	8458.3	8573.2	8821.3	9009.3	9239.2	9518.6	9847.6	10179.3	10537.0	10649.3	10806.0
5°	6998.6	7285.8	7405.9	7748.0	8087.5	8596.7	9139.9	9769.3	10458.7	10790.3	11108.9
7.5°	5980.1	6134.2	6259.5	6510.2	6917.6	7536.5	8218.1	9004.1	9980.8	10463.9	10931.3
10°	5431.7	5447.4	5601.5	5912.2	6267.4	6813.2	7458.2	8338.2	9427.2	10014.7	10563.1
12.5°	5068.7	5000.8	5168.0	5491.8	5893.9	6397.9	6990.7	7829.0	9027.6	9630.9	10294.2
15°	4750.1	4643.1	4768.4	5100.1	5497.0	6089.8	6727.0	7614.9	8870.9	9573.4	10309.8
17.5°	4758.0	4462.9	4507.3	4786.7	5181.0	5784.3	6557.2	7607.0	9108.6	9918.1	10790.3
20°	5345.5	4872.9	4671.8	4724.0	5105.3	5763.4	6635.6	7972.6	9889.4	11069.7	12002.0
22.5°	5922.7	5638.0	5314.2	5207.1	5416.1	6105.5	7134.4	8837.0	11586.8	13365.2	15049.5
25°	5721.6	5964.5	5883.5	5732.0	5779.0	6350.9	7473.8	9547.3	12905.6	14908.5	16491.0
27.5°	4577.8	5019.1	5107.9	5105.3	5123.6	5593.6	6721.8	9069.4	13070.1	15203.6	16715.6
30°	3217.3	3256.4	3303.4	3394.8	3478.4	3898.8	5259.4	7962.2	12997.0	15336.8	16851.4
32.5°	2321.5	2373.8	2439.1	2564.4	2762.9	3298.2	4601.3	7609.6	13383.5	15887.8	17248.3
35°	2123.1	2183.1	2245.8	2389.4	2577.5	3073.6	4340.2	7463.4	14018.0	16780.9	17961.2
37.5°	2060.4	2128.3	2183.1	2287.6	2439.1	2911.7	4102.5	7364.2	14668.3	17726.2	18917.0
40°	2016.0	2094.3	2138.7	2222.3	2326.8	2762.9	3891.0	7285.8	15297.6	18590.6	19684.8
42.5°	1976.8	2057.8	2115.2	2175.3	2261.5	2629.7	3703.0	7207.5	15843.4	19428.9	20449.9
45°	1929.8	2031.7	2104.8	2151.8	2227.5	2517.4	3559.3	7144.8	16464.9	20173.1	21222.9
47.5°	1890.7	2002.9	2094.3	2149.2	2177.9	2439.1	3444.4	7231.0	17211.8	20951.3	21941.0
50°	1893.3	2000.3	2115.2	2201.4	2125.7	2373.8	3373.9	7573.1	18183.2	21875.7	22507.7
52.5°	1976.8	2107.4	2198.8	2219.7	2052.6	2295.4	3337.4	8171.1	19332.2	22693.1	23079.6
55°	2070.8	2206.6	2305.9	2292.8	2013.4	2196.2	3329.5	8808.3	20590.9	23646.3	23823.9
57.5°	2036.9	2235.4	2386.8	2318.9	2016.0	2099.6	3295.6	9322.7	21643.3	24359.2	24560.3
58°	2026.5	2224.9	2397.3	2313.7	2008.2	2070.8	3287.8	9367.1	21789.6	24408.8	24664.7
60°	1924.6	2133.5	2389.4	2274.5	1963.8	1992.5	3201.6	9510.7	21750.4	24152.9	24727.4
62.5°	1739.2	1911.5	2209.2	2083.9	1828.0	1888.0	3008.3	9333.2	20690.2	22920.3	23810.8
65°	1530.3	1658.2	1856.7	1833.2	1634.7	1781.0	2744.6	8630.7	18567.1	20920.0	21857.5
67.5°	1373.6	1478.1	1603.4	1569.5	1470.2	1637.4	2459.9	7442.5	16185.5	18517.5	19697.8
70°	1214.3	1295.3	1357.9	1334.4	1303.1	1496.3	2206.6	6040.2	13903.1	16235.1	17378.9
72.5°	1052.4	1128.1	1180.4	1146.4	1128.1	1347.5	2000.3	4687.5	10981.0	13393.9	14864.1
75°	880.0	955.8	992.3	953.2	942.7	1188.2	1694.8	3501.9	8239.0	10325.5	11594.6
77.5°	681.6	762.5	809.5	796.5	801.7	976.7	1368.4	2397.3	5891.3	7037.7	8374.8
80°	477.9	566.7	598.0	585.0	621.5	744.3	966.2	1522.4	4063.3	4567.3	5510.1
82.5°	295.1	378.7	383.9	396.9	423.0	551.0	728.6	927.0	2551.3	2637.5	3321.7
85°	148.9	180.2	193.2	214.1	237.6	336.9	415.2	574.5	1642.6	1243.0	1856.7
87.5°	49.6	52.2	62.7	78.3	96.6	138.4	177.6	235.0	407.4	224.6	574.5
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: P457542

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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	9933.8	9933.8	9933.8	9933.8	9933.8	9933.8	9933.8	9933.8	9933.8	9933.8
2.5°	11122.0	11343.9	11505.9	11654.7	11511.1	11498.0	11357.0	11129.8	11035.8	11035.8
5°	11777.4	12297.1	12717.5	12986.5	12871.6	12594.8	12137.8	11555.5	11242.1	11187.3
7.5°	11957.6	12983.9	13764.7	14041.5	13848.3	13237.2	12362.4	11380.5	10931.3	10832.1
10°	11847.9	13182.4	14328.8	14767.5	14498.5	13574.1	12380.7	11176.8	10623.2	10508.3
12.5°	11733.0	13208.5	14433.2	15067.8	14892.8	13845.7	12513.9	11043.6	10403.8	10239.3
15°	11816.6	13218.9	14305.3	14960.7	15073.0	14172.1	12733.2	11140.3	10359.4	10184.5
17.5°	12344.1	13417.4	14122.5	14652.6	15046.9	14616.0	13357.3	11602.5	10756.4	10539.6
20°	13446.1	13892.7	14226.9	14636.9	15271.5	15522.2	14634.3	12871.6	11871.4	11680.8
22.5°	16637.3	16556.3	15872.1	15864.3	16783.5	17788.9	17728.8	15451.7	13947.5	13790.8
25°	17833.3	17457.2	16467.5	16227.3	16632.0	18183.2	17958.6	15979.2	14589.9	14208.7
27.5°	17365.8	16433.6	15783.3	15728.5	15595.3	17060.3	17600.9	16193.3	14814.5	14443.7
30°	17337.1	15966.1	15036.5	15146.2	15274.1	16673.8	17799.3	16864.5	15389.0	14992.1
32.5°	17407.6	16031.4	15091.3	15112.2	15493.5	16731.3	18018.7	17595.7	16143.7	15746.8
35°	17692.3	16402.2	15441.2	15391.6	15987.0	17107.3	18392.1	18744.7	17175.2	16723.4
37.5°	18151.9	17141.3	16081.0	16068.0	16932.4	17786.3	18857.0	19904.1	18201.5	17715.8
40°	18828.2	18005.6	17219.6	17149.1	18217.2	18890.9	19460.2	21139.3	19394.9	18770.8
42.5°	19645.6	19042.4	18721.2	19000.6	20026.9	20131.3	20400.3	22280.5	20410.7	19684.8
45°	20402.9	20374.2	20820.7	21562.4	22160.4	21533.7	21382.2	23045.7	21199.4	20410.7
47.5°	21303.8	22082.0	23429.5	24515.9	25142.6	23165.8	22220.4	23544.4	21773.9	21047.9
50°	22217.8	24126.8	26278.6	27793.2	27926.4	24938.9	22797.6	24014.5	22296.2	21541.5
52.5°	23178.8	25758.9	28623.6	30383.7	30125.2	26482.3	23356.4	24333.1	22834.1	22170.8
55°	24014.5	26759.1	29934.5	31624.1	31245.5	27422.4	23959.6	24677.8	23601.9	23043.0
57.5°	24481.9	26842.6	29608.1	31083.6	30673.6	27239.6	24236.5	24933.7	24092.8	23654.1
58°	24549.8	26730.3	29318.3	30770.2	30352.4	27085.5	24233.8	24923.3	24124.2	23682.8
60°	24489.8	26001.8	28239.7	29532.4	29093.7	26119.3	24134.6	24727.4	23727.2	23353.8
62.5°	23933.5	24737.8	26377.8	27317.9	27192.6	24609.9	23727.2	23988.4	22518.2	22157.8
65°	23202.3	23014.3	23993.6	24659.5	24753.5	23479.1	23322.5	22390.2	20967.0	20457.8
67.5°	22314.5	21061.0	21058.4	21437.0	21593.7	21740.0	22479.0	20653.6	18731.6	18193.7
70°	20807.7	18050.0	17219.6	17666.2	17535.6	18770.8	20972.2	18214.6	16036.6	15407.3
72.5°	18044.8	14323.6	12994.4	13568.9	13239.8	14720.5	18350.3	14989.5	13260.7	12487.7
75°	14626.5	10714.6	9343.6	9871.1	9667.4	11166.4	15268.9	10886.9	9510.7	9215.7
77.5°	11357.0	7763.7	6967.2	6894.1	7045.6	8309.5	11200.3	7351.1	6270.0	6068.9
80°	7296.3	5557.1	5604.1	5510.1	5588.4	5238.5	6800.1	4690.1	4246.1	4084.2
82.5°	4802.4	3872.7	4617.0	4261.8	4047.7	3522.8	4460.3	3071.0	2606.2	2517.4
85°	3272.1	2851.7	2595.7	1984.7	2337.2	2713.3	3345.2	1653.0	1310.9	1188.2
87.5°	1478.1	992.3	728.6	449.2	710.3	820.0	1624.3	193.2	148.9	154.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)