

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: P458267

Luminaire Tested: **GALN-SA9C-830-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P458267
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-SA9C-830-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 80 CRI, 3000K, 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: 43656 lumens
Efficiency: N/A
Efficacy: 90.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G5

Input Watts (W): 481
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

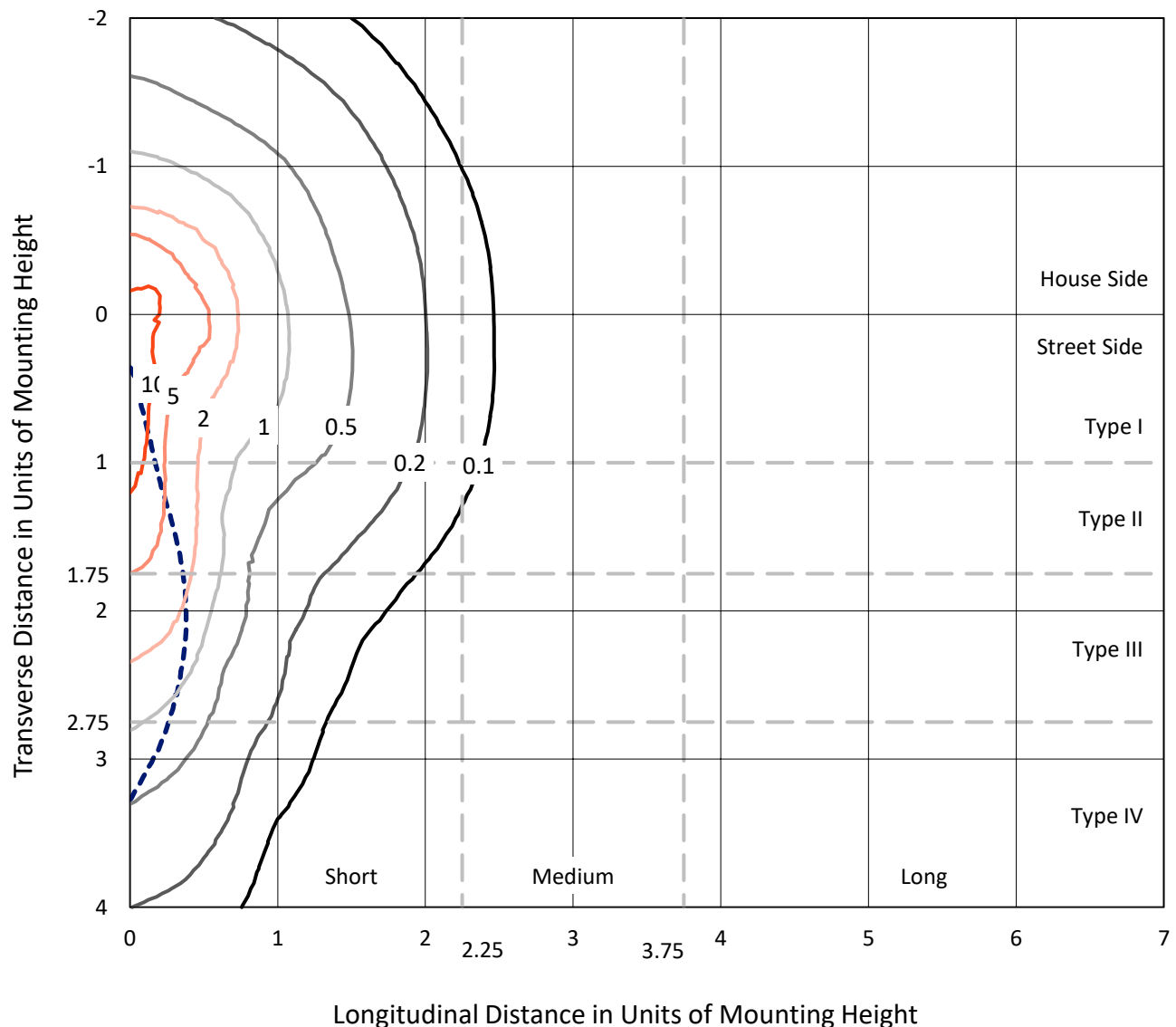


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

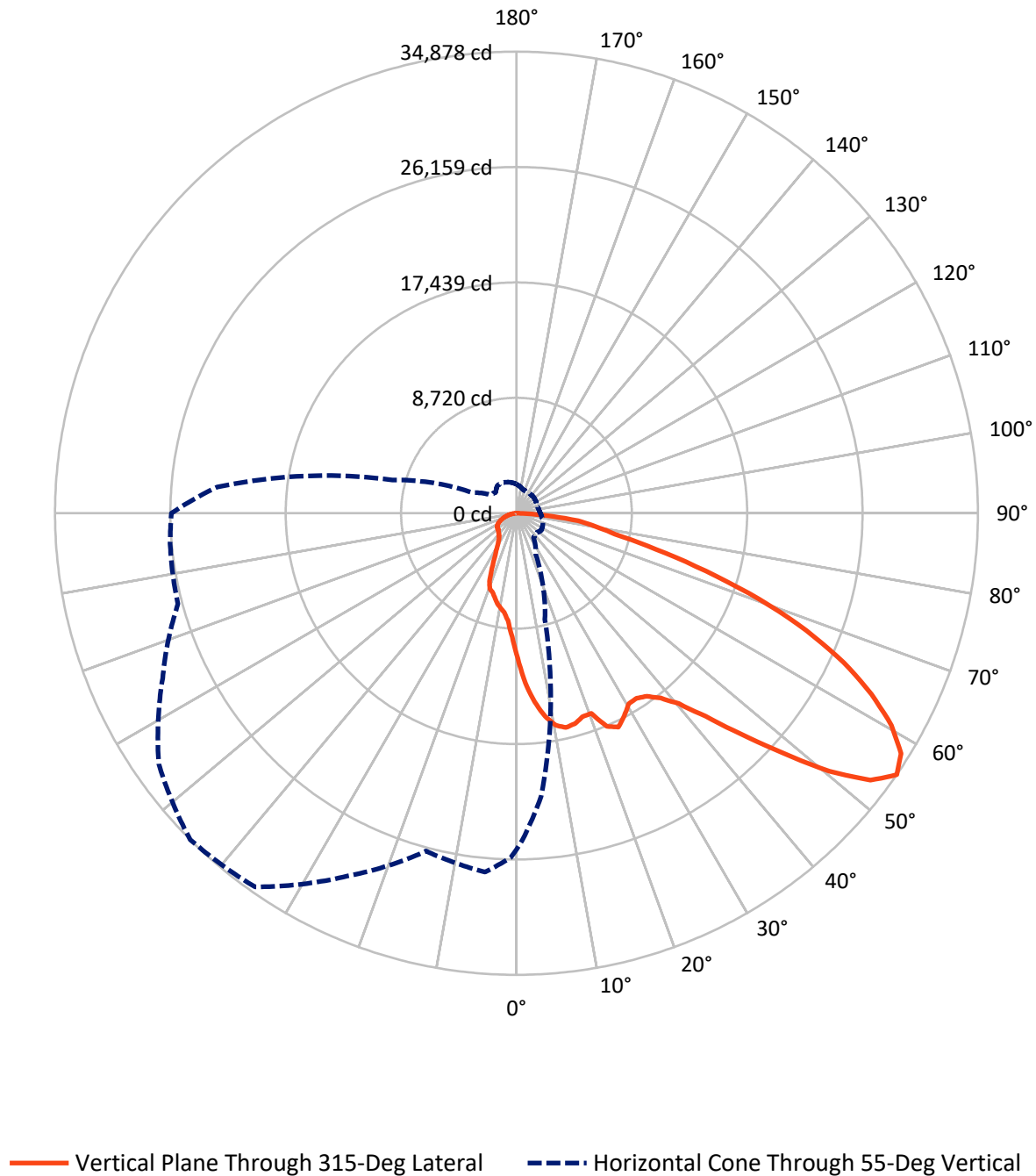


Based on 25 foot mounting height. Maximum calculated value = 18.8 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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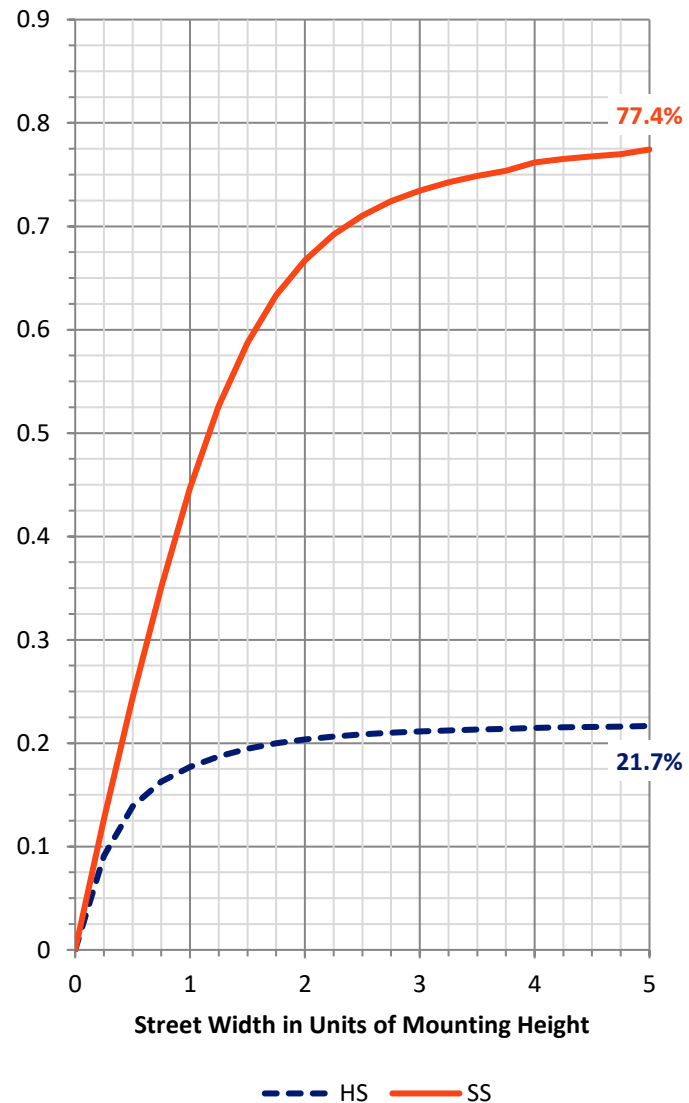
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9549.5	0.0	9549.5
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	34106.4	0.0	34106.4
	% Fixture	78.1	0.0	78.1
Total	Lumens	43656.0	0.0	43656.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	928.6	2.1
10°-20°	2463.5	5.6
20°-30°	4255.7	9.7
30°-40°	4945.9	11.3
40°-50°	6900.4	15.8
50°-60°	9363.2	21.4
60°-70°	8907.9	20.4
70°-80°	4812.3	11.0
80°-90°	1078.5	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°	43656.0	100.0
0°-180°	43656.0	100.0

Coefficient of Utilization



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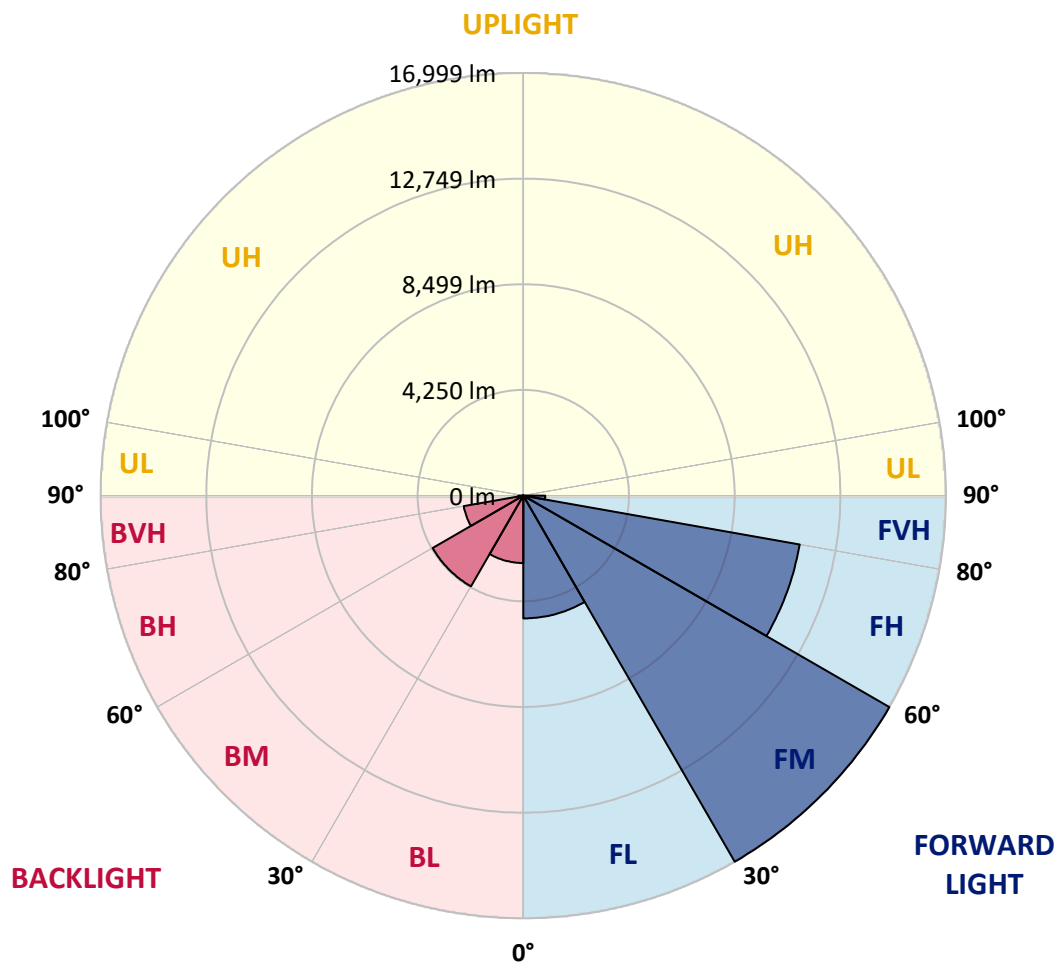
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4937.6	11.3			
FM	(30°-60°)	16998.7	38.9			
FH	(60°-80°)	11288.7	25.9			G4/12000
FVH	(80°-90°)	881.4	2.0			G5
BL	(0°-30°)	2710.2	6.2	B4/5000		
BM	(30°-60°)	4210.7	9.6	B3/5000		
BH	(60°-80°)	2431.5	5.6	B3/2500		G3/2500
BVH	(80°-90°)	197.1	0.5			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G5

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	10956.0	10956.0	10956.0	10956.0	10956.0	10956.0	10956.0	10956.0	10956.0	10956.0	10956.0
2.5°	12171.4	12125.3	11995.7	11655.8	11313.1	10964.6	10696.7	10362.6	10014.2	9826.9	9587.9
5°	12338.4	12286.6	11981.3	11215.2	10521.1	9792.4	9210.6	8700.8	8493.5	8188.2	7943.4
7.5°	11946.7	11923.7	11465.7	10365.5	9415.1	8461.8	7802.2	7393.3	7021.7	6883.5	6912.3
10°	11589.6	11497.4	10924.3	9487.1	8378.2	7603.5	7131.2	6730.8	6468.7	6399.6	6414.0
12.5°	11292.9	11169.1	10492.3	8896.7	7926.1	7306.8	6704.9	6287.3	6048.2	6114.5	6339.1
15°	11232.4	11065.4	10310.8	8695.1	7678.4	6880.6	6221.0	5740.1	5561.5	5705.5	6065.5
17.5°	11624.1	11413.9	10621.9	8761.3	7442.2	6445.7	5636.4	5086.3	4936.5	5166.9	5636.4
20°	12882.7	12571.7	11592.5	9144.4	7419.2	6229.7	5296.5	4743.5	4806.9	5244.7	5734.3
22.5°	15209.9	14743.3	13291.7	9703.1	7540.1	6175.0	5227.4	4939.4	5287.9	5659.4	5982.0
25°	15670.7	15304.9	13597.0	9829.8	7514.2	6137.5	5423.3	5567.3	5956.1	6140.4	6028.1
27.5°	15929.9	15512.3	13576.9	9202.0	6719.3	5567.3	5184.2	5423.3	5521.2	5342.6	5037.3
30°	16534.7	16099.8	13919.6	8542.4	5532.7	4130.1	3620.3	3522.4	3588.6	3623.2	3513.7
32.5°	17367.1	16937.9	14564.7	8110.4	4783.9	3415.8	2914.7	2776.4	2744.7	2707.3	2664.1
35°	18444.2	17784.7	15198.4	7833.9	4475.7	3159.5	2698.7	2592.1	2548.9	2497.1	2451.0
37.5°	19538.7	18847.5	15999.0	7543.0	4271.2	2980.9	2554.7	2505.7	2430.8	2376.1	2309.9
40°	20702.3	19927.5	16727.7	7289.6	4072.5	2865.7	2451.0	2445.2	2347.3	2283.9	2206.2
42.5°	21710.3	20912.5	17378.6	7134.0	3919.8	2744.7	2387.6	2404.9	2304.1	2209.0	2108.2
45°	22511.0	21727.6	17980.5	7134.0	3796.0	2623.8	2376.1	2364.6	2263.8	2145.7	2030.5
47.5°	23213.7	22404.4	18568.1	7315.5	3718.2	2523.0	2312.7	2332.9	2229.2	2079.4	1967.1
50°	23758.1	23043.8	19360.1	7597.7	3640.5	2442.3	2232.1	2341.5	2200.4	2044.9	1915.3
52.5°	24452.2	23812.8	20313.4	7983.7	3574.2	2353.1	2160.1	2341.5	2197.5	2047.8	1906.6
55°	25414.1	24740.2	21462.6	8303.4	3467.7	2269.5	2096.7	2275.3	2188.9	2033.4	1883.6
57.5°	26088.1	25584.0	22274.8	8516.5	3315.0	2163.0	2039.1	2211.9	2151.4	1978.6	1814.5
58°	26119.7	25627.2	22392.9	8565.5	3277.6	2142.8	2024.7	2183.1	2134.2	1955.6	1791.4
60°	25756.9	25333.5	22415.9	8496.3	3064.4	2042.0	1949.8	2065.0	2042.0	1820.2	1667.6
62.5°	24437.8	23985.6	21485.6	7934.7	2782.2	1918.2	1834.6	1906.6	1854.8	1630.1	1489.0
65°	22562.8	21730.5	19573.2	7053.4	2580.6	1785.7	1679.1	1684.9	1630.1	1468.9	1345.0
67.5°	20065.7	19135.5	16572.2	5944.6	2427.9	1638.8	1494.8	1480.4	1414.1	1310.5	1209.6
70°	16992.7	16356.2	13467.4	4835.7	2258.0	1477.5	1287.4	1278.8	1238.4	1160.7	1071.4
72.5°	13772.7	12963.4	10875.3	3870.9	2050.6	1322.0	1094.4	1111.7	1059.9	1005.2	924.5
75°	10163.9	9634.0	8407.1	3104.8	1771.3	1152.0	913.0	918.8	895.7	838.1	774.8
77.5°	6693.4	6535.0	6013.7	2039.1	1362.3	915.9	745.9	751.7	734.4	682.6	616.3
80°	4504.5	4397.9	4075.4	1313.3	910.1	662.4	576.0	581.8	578.9	524.2	434.9
82.5°	2776.4	2730.3	2626.7	887.1	630.7	475.2	380.2	397.5	429.1	368.7	296.7
85°	1310.5	1313.3	1586.9	483.9	371.5	305.3	207.4	221.8	221.8	221.8	167.0
87.5°	169.9	178.6	218.9	204.5	135.4	115.2	74.9	63.4	54.7	72.0	51.8
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°	10956.0	10956.0	10956.0	10956.0	10956.0	10956.0	10956.0	10956.0	10956.0	10956.0	10956.0
2.5°	9504.4	9446.8	9322.9	9294.1	9276.8	9325.8	9196.2	9230.8	9173.2	9334.4	9308.5
5°	7957.8	7963.5	8064.3	8130.6	8153.6	8130.6	8044.2	7894.4	7779.2	7733.1	7744.6
7.5°	6857.5	6958.4	7131.2	7324.1	7499.8	7551.7	7502.7	7217.6	6906.5	6710.7	6647.3
10°	6491.8	6627.1	6825.9	6978.5	7134.0	7257.9	7283.8	7062.0	6693.4	6229.7	6048.2
12.5°	6511.9	6696.3	6886.4	6935.3	6920.9	6969.9	6946.8	6909.4	6667.5	6077.0	5774.6
15°	6321.8	6540.7	6673.2	6647.3	6601.2	6558.0	6497.5	6402.5	6316.1	5901.4	5567.3
17.5°	5884.1	6108.7	6218.2	6226.8	6226.8	6215.3	6068.4	6033.8	6022.3	5820.7	5616.2
20°	5964.7	6088.6	6039.6	5959.0	5982.0	6059.8	5973.4	5956.1	6022.3	6111.6	6074.2
22.5°	6010.8	5967.6	5598.9	5241.8	5161.2	5403.1	5452.1	5645.0	5912.9	6235.4	6445.7
25°	5725.7	5377.2	4717.6	4314.4	4086.9	4311.5	4605.3	4962.4	5362.8	5777.5	6022.3
27.5°	4786.7	4521.8	4049.4	3686.5	3487.8	3522.4	3772.9	4098.4	4469.9	4749.3	4927.9
30°	3605.9	3487.8	3243.0	3119.2	2998.2	2969.4	3076.0	3199.8	3364.0	3398.5	3444.6
32.5°	2655.5	2638.2	2652.6	2612.3	2589.2	2586.3	2554.7	2583.5	2600.7	2620.9	2580.6
35°	2402.0	2379.0	2338.7	2327.1	2312.7	2318.5	2304.1	2289.7	2301.2	2318.5	2330.0
37.5°	2272.4	2237.8	2180.2	2160.1	2160.1	2168.7	2145.7	2139.9	2160.1	2214.8	2243.6
40°	2171.6	2131.3	2065.0	2039.1	2056.4	2079.4	2047.8	2036.2	2085.2	2142.8	2188.9
42.5°	2076.6	2044.9	1981.5	1952.7	1967.1	2010.3	1964.2	1955.6	2019.0	2082.3	2137.0
45°	1995.9	1964.2	1906.6	1892.2	1898.0	1938.3	1906.6	1906.6	1967.1	2036.2	2085.2
47.5°	1932.6	1892.2	1854.8	1843.3	1849.0	1872.1	1866.3	1866.3	1923.9	1995.9	2044.9
50°	1869.2	1834.6	1785.7	1791.4	1805.8	1837.5	1834.6	1843.3	1900.9	1990.2	2042.0
52.5°	1840.4	1788.6	1733.8	1739.6	1782.8	1820.2	1808.7	1817.4	1883.6	2050.6	2125.5
55°	1808.7	1739.6	1676.2	1684.9	1733.8	1788.6	1774.1	1785.7	1863.4	2091.0	2194.6
57.5°	1748.2	1667.6	1598.5	1604.2	1676.2	1733.8	1710.8	1725.2	1817.4	2047.8	2157.2
58°	1722.3	1653.2	1586.9	1589.8	1658.9	1722.3	1696.4	1707.9	1803.0	2036.2	2139.9
60°	1612.9	1572.5	1514.9	1517.8	1584.1	1638.8	1624.4	1635.9	1728.1	1952.7	2030.5
62.5°	1463.1	1440.1	1425.7	1425.7	1466.0	1517.8	1532.2	1546.6	1630.1	1765.5	1834.6
65°	1301.8	1301.8	1304.7	1304.7	1330.6	1396.9	1405.5	1442.9	1520.7	1586.9	1638.8
67.5°	1192.4	1186.6	1192.4	1178.0	1189.5	1229.8	1273.0	1307.6	1388.2	1434.3	1451.6
70°	1051.2	1048.4	1051.2	1031.1	1045.5	1080.0	1108.8	1166.4	1250.0	1284.5	1293.2
72.5°	913.0	913.0	918.8	904.4	904.4	941.8	962.0	1025.3	1103.1	1123.2	1126.1
75°	769.0	777.6	777.6	757.5	763.2	786.3	812.2	864.0	936.0	950.4	950.4
77.5°	610.6	642.3	642.3	622.1	630.7	633.6	668.2	694.1	748.8	754.6	731.5
80°	443.5	475.2	501.1	483.9	498.3	481.0	501.1	518.4	573.1	547.2	509.8
82.5°	316.8	339.9	360.0	362.9	348.5	316.8	342.7	345.6	371.5	337.0	316.8
85°	175.7	195.8	221.8	210.2	187.2	167.0	175.7	181.4	178.6	169.9	158.4
87.5°	46.1	49.0	54.7	40.3	37.4	31.7	43.2	43.2	49.0	51.8	49.0
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°	10956.0	10956.0	10956.0	10956.0	10956.0	10956.0	10956.0	10956.0	10956.0	10956.0	10956.0
2.5°	9328.7	9455.4	9729.0	9936.4	10189.8	10498.0	10860.9	11226.7	11621.3	11745.1	11917.9
5°	7718.7	8035.5	8168.0	8545.3	8919.7	9481.3	10080.4	10774.5	11534.9	11900.6	12252.0
7.5°	6595.5	6765.4	6903.6	7180.1	7629.4	8312.0	9063.7	9930.6	11007.8	11540.6	12056.2
10°	5990.6	6007.9	6177.8	6520.6	6912.3	7514.2	8225.6	9196.2	10397.2	11045.2	11650.1
12.5°	5590.3	5515.4	5699.7	6056.9	6500.4	7056.3	7710.1	8634.6	9956.6	10621.9	11353.4
15°	5238.9	5120.8	5259.1	5624.9	6062.6	6716.4	7419.2	8398.4	9783.7	10558.5	11370.7
17.5°	5247.6	4922.1	4971.1	5279.2	5714.1	6379.5	7232.0	8389.8	10045.8	10938.7	11900.6
20°	5895.6	5374.3	5152.5	5210.1	5630.6	6356.4	7318.4	8793.0	10907.0	12208.8	13237.0
22.5°	6532.1	6218.2	5861.0	5742.9	5973.4	6733.7	7868.5	9746.3	12779.1	14740.4	16598.1
25°	6310.3	6578.2	6488.9	6321.8	6373.7	7004.4	8242.9	10529.7	14233.5	16442.6	18187.9
27.5°	5048.8	5535.6	5633.5	5630.6	5650.8	6169.2	7413.4	10002.6	14415.0	16768.0	18435.6
30°	3548.3	3591.5	3643.3	3744.1	3836.3	4300.0	5800.5	8781.5	14334.3	16914.9	18585.4
32.5°	2560.4	2618.0	2690.0	2828.3	3047.2	3637.6	5074.8	8392.6	14760.6	17522.6	19023.1
35°	2341.5	2407.8	2476.9	2635.3	2842.7	3389.9	4786.7	8231.4	15460.4	18507.6	19809.4
37.5°	2272.4	2347.3	2407.8	2523.0	2690.0	3211.3	4524.7	8121.9	16177.6	19550.2	20863.5
40°	2223.4	2309.9	2358.8	2451.0	2566.2	3047.2	4291.4	8035.5	16871.7	20503.5	21710.3
42.5°	2180.2	2269.5	2332.9	2399.1	2494.2	2900.3	4084.0	7949.1	17473.6	21428.0	22554.2
45°	2128.4	2240.7	2321.4	2373.2	2456.7	2776.4	3925.6	7880.0	18159.1	22248.9	23406.7
47.5°	2085.2	2209.0	2309.9	2370.3	2402.0	2690.0	3798.9	7975.0	18982.8	23107.1	24198.7
50°	2088.1	2206.2	2332.9	2427.9	2344.4	2618.0	3721.1	8352.3	20054.2	24126.7	24823.7
52.5°	2180.2	2324.3	2425.1	2448.1	2263.8	2531.6	3680.8	9011.9	21321.5	25028.2	25454.4
55°	2283.9	2433.7	2543.1	2528.7	2220.6	2422.2	3672.1	9714.6	22709.7	26079.4	26275.3
57.5°	2246.5	2465.4	2632.4	2557.5	2223.4	2315.6	3634.7	10282.0	23870.4	26865.7	27087.5
58°	2235.0	2453.9	2643.9	2551.8	2214.8	2283.9	3626.1	10331.0	24031.7	26920.4	27202.7
60°	2122.6	2353.1	2635.3	2508.6	2165.8	2197.5	3531.0	10489.4	23988.5	26638.2	27271.8
62.5°	1918.2	2108.2	2436.6	2298.3	2016.1	2082.3	3317.9	10293.5	22819.1	25278.8	26260.9
65°	1687.7	1828.9	2047.8	2021.8	1803.0	1964.2	3027.0	9518.8	20477.6	23072.6	24106.5
67.5°	1514.9	1630.1	1768.4	1730.9	1621.5	1805.8	2713.1	8208.3	17850.9	20422.9	21724.7
70°	1339.3	1428.5	1497.7	1471.7	1437.2	1650.3	2433.7	6661.7	15333.7	17905.7	19167.2
72.5°	1160.7	1244.2	1301.8	1264.4	1244.2	1486.1	2206.2	5169.8	12110.9	14772.1	16393.6
75°	970.6	1054.1	1094.4	1051.2	1039.7	1310.5	1869.2	3862.2	9086.8	11388.0	12787.7
77.5°	751.7	841.0	892.8	878.4	884.2	1077.2	1509.2	2643.9	6497.5	7761.9	9236.5
80°	527.1	625.0	659.5	645.1	685.5	820.8	1065.6	1679.1	4481.5	5037.3	6077.0
82.5°	325.5	417.6	423.4	437.8	466.6	607.7	803.6	1022.4	2813.9	2908.9	3663.5
85°	164.2	198.7	213.1	236.2	262.1	371.5	457.9	633.6	1811.6	1370.9	2047.8
87.5°	54.7	57.6	69.1	86.4	106.6	152.6	195.8	259.2	449.3	247.7	633.6
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: P458267

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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	10956.0	10956.0	10956.0	10956.0	10956.0	10956.0	10956.0	10956.0	10956.0	10956.0
2.5°	12266.4	12511.2	12689.8	12853.9	12695.5	12681.1	12525.6	12275.0	12171.4	12171.4
5°	12989.3	13562.5	14026.2	14322.8	14196.1	13890.8	13386.8	12744.5	12398.9	12338.4
7.5°	13188.0	14319.9	15181.1	15486.4	15273.2	14599.3	13634.5	12551.5	12056.2	11946.7
10°	13067.1	14538.8	15803.2	16287.0	15990.4	14970.8	13654.6	12326.9	11716.3	11589.6
12.5°	12940.3	14567.6	15918.4	16618.3	16425.3	15270.4	13801.5	12180.0	11474.4	11292.9
15°	13032.5	14579.1	15777.3	16500.2	16624.0	15630.4	14043.4	12286.6	11425.4	11232.4
17.5°	13614.3	14798.0	15575.7	16160.3	16595.2	16120.0	14731.8	12796.3	11863.2	11624.1
20°	14829.7	15322.2	15690.9	16143.0	16842.9	17119.4	16140.2	14196.1	13093.0	12882.7
22.5°	18349.2	18259.9	17505.3	17496.7	18510.5	19619.3	19553.1	17041.6	15382.7	15209.9
25°	19668.3	19253.6	18162.0	17897.0	18343.4	20054.2	19806.5	17623.4	16091.2	15670.7
27.5°	19152.8	18124.6	17407.4	17346.9	17200.0	18815.8	19412.0	17859.6	16338.9	15929.9
30°	19121.1	17609.0	16583.7	16704.7	16845.8	18389.5	19630.9	18599.8	16972.5	16534.7
32.5°	19198.8	17681.0	16644.2	16667.2	17087.7	18452.9	19872.8	19406.2	17804.9	17367.1
35°	19512.8	18090.0	17030.1	16975.4	17632.1	18867.6	20284.6	20673.5	18942.5	18444.2
37.5°	20019.7	18905.1	17735.7	17721.3	18674.7	19616.5	20797.3	21952.2	20074.4	19538.7
40°	20765.6	19858.4	18991.5	18913.7	20091.7	20834.7	21462.6	23314.5	21390.6	20702.3
42.5°	21667.1	21001.8	20647.5	20955.7	22087.6	22202.8	22499.4	24573.1	22511.0	21710.3
45°	22502.3	22470.6	22963.1	23781.1	24440.6	23749.4	23582.4	25417.0	23380.8	22511.0
47.5°	23496.0	24354.2	25840.4	27038.5	27729.7	25549.5	24506.9	25967.1	24014.4	23213.7
50°	24504.0	26609.4	28982.6	30653.0	30799.9	27505.1	25143.4	26485.5	24590.4	23758.1
52.5°	25563.9	28409.4	31568.9	33510.1	33225.0	29207.2	25759.7	26836.9	25183.7	24452.2
55°	26485.5	29512.5	33014.7	34878.2	34460.6	30244.1	26425.0	27217.1	26030.5	25414.1
57.5°	27001.1	29604.7	32654.7	34282.0	33829.8	30042.5	26730.3	27499.3	26571.9	26088.1
58°	27075.9	29480.8	32335.0	33936.4	33475.6	29872.5	26727.5	27487.8	26606.5	26119.7
60°	27009.7	28677.3	31145.5	32571.2	32087.3	28806.9	26618.0	27271.8	26168.7	25756.9
62.5°	26396.2	27283.3	29092.0	30128.9	29990.6	27142.2	26168.7	26456.7	24835.2	24437.8
65°	25589.8	25382.4	26462.5	27196.9	27300.6	25895.1	25722.3	24694.1	23124.4	22562.8
67.5°	24610.6	23228.1	23225.2	23642.8	23815.7	23976.9	24792.0	22778.8	20659.1	20065.7
70°	22948.7	19907.3	18991.5	19484.0	19340.0	20702.3	23130.2	20088.8	17686.8	16992.7
72.5°	19901.6	15797.4	14331.4	14965.1	14602.2	16235.2	20238.6	16531.8	14625.2	13772.7
75°	16131.5	11817.1	10305.0	10886.8	10662.2	12315.4	16840.0	12007.2	10489.4	10163.9
77.5°	12525.6	8562.6	7684.1	7603.5	7770.5	9164.5	12352.8	8107.5	6915.2	6693.4
80°	8047.0	6128.9	6180.7	6077.0	6163.4	5777.5	7499.8	5172.7	4683.1	4504.5
82.5°	5296.5	4271.2	5092.0	4700.3	4464.2	3885.3	4919.2	3387.0	2874.4	2776.4
85°	3608.8	3145.1	2862.8	2188.9	2577.7	2992.4	3689.4	1823.1	1445.8	1310.5
87.5°	1630.1	1094.4	803.6	495.4	783.4	904.4	1791.4	213.1	164.2	169.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)