

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: P531252

Luminaire Tested: **GALN-SA6C-735-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P531252
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-24)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SA6C-735-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 70 CRI, 3500K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS WITH WHITE GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 28924 lumens
Efficiency: N/A
Efficacy: 90.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B3 - U0 - G3

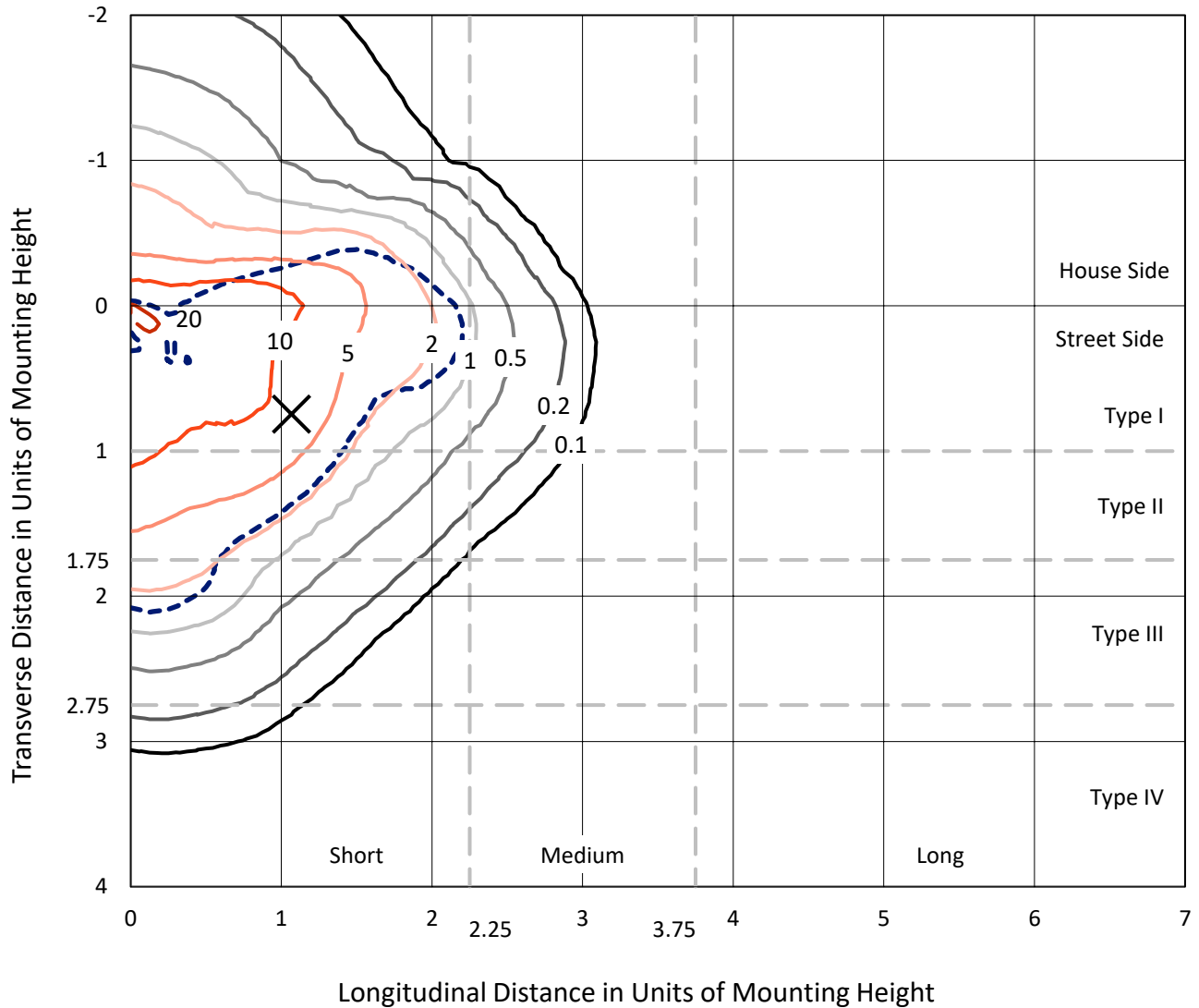
Input Watts (W): 321
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

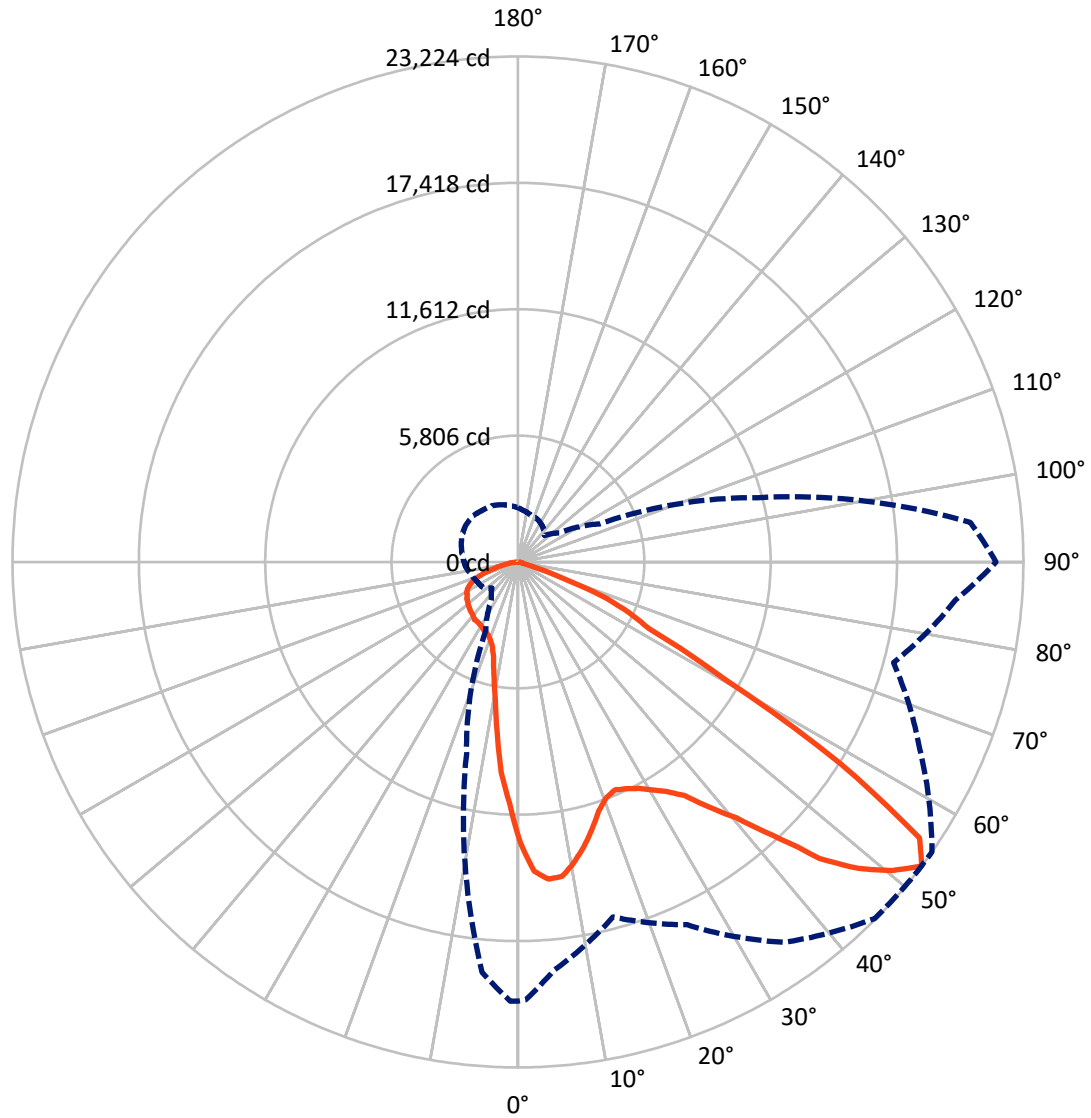
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 21.9 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 55-Deg Lateral - - - Horizontal Cone Through 52.5-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8823.4	0.0	8823.4
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	20100.6	0.0	20100.6
	% Fixture	69.5	0.0	69.5
Total	Lumens	28924.0	0.0	28924.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	985.7	3.4
10°-20°	2125.3	7.3
20°-30°	3222.7	11.1
30°-40°	4656.3	16.1
40°-50°	6222.1	21.5
50°-60°	6945.2	24.0
60°-70°	3809.8	13.2
70°-80°	823.7	2.8
80°-90°	133.2	0.5
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°	28924.0	100.0
0°-180°	28924.0	100.0

Coefficient of Utilization



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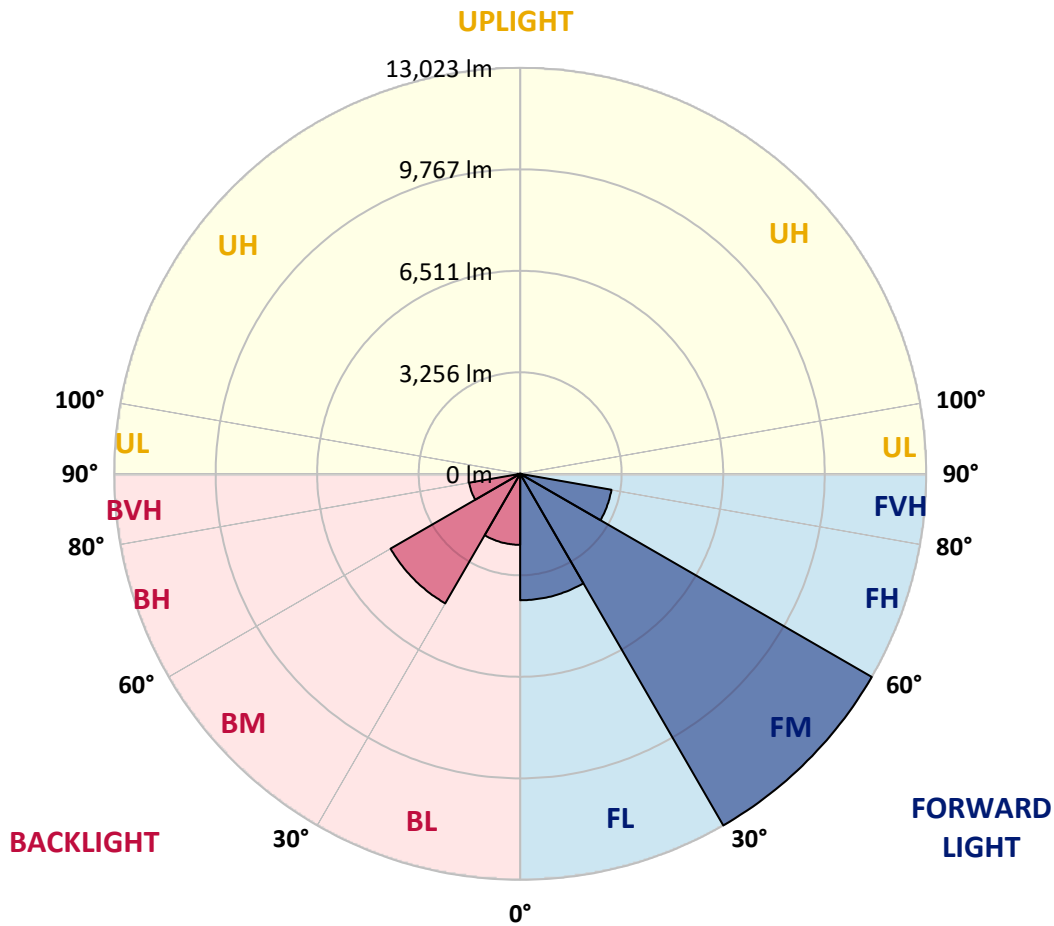
CATALOG NUMBER: GALN-SA6C-735-U-SLL-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4055.7	14.0			
FM (30°-60°)	13022.9	45.0			
FH (60°-80°)	2972.7	10.3			G2/5000
FVH (80°-90°)	49.3	0.2			G1/100
BL (0°-30°)	2278.1	7.9	B3/2500		
BM (30°-60°)	4800.6	16.6	B3/5000		
BH (60°-80°)	1660.8	5.7	B3/2500		G3/2500
BVH (80°-90°)	83.9	0.3			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	12902.3	12902.3	12902.3	12902.3	12902.3	12902.3	12902.3	12902.3	12902.3	12902.3	12902.3
2.5°	13540.1	13464.0	13531.6	13852.6	14038.4	14165.1	14245.4	14232.7	13928.6	13633.0	13633.0
5°	13143.1	13045.9	13185.3	13911.7	14642.4	14705.7	14811.3	14638.1	14190.5	13649.9	12974.1
7.5°	11994.3	12066.1	12298.4	13252.9	14203.1	14680.4	14807.1	14587.5	13861.0	12851.7	11859.2
10°	11001.8	11170.8	11707.1	12737.6	13611.9	14232.7	14372.1	14063.8	13489.4	12251.9	11365.0
12.5°	10659.7	10554.2	11149.7	12180.1	13016.4	13350.0	13413.4	13434.5	13045.9	11947.9	10866.7
15°	10617.5	10685.1	11149.7	11931.0	12446.2	12463.1	12568.7	12733.4	12784.1	12154.8	11099.0
17.5°	11225.7	11145.4	11622.7	12243.5	11998.5	11753.6	11778.9	12015.4	12433.5	12332.2	11829.6
20°	12125.2	12306.8	12682.7	12619.4	11960.5	11339.7	11343.9	11567.8	12391.3	13067.1	12847.4
22.5°	13620.3	13797.7	14076.4	13312.0	11960.5	11217.2	11073.6	11377.7	12661.6	13941.3	13996.2
25°	14984.5	15309.7	15385.7	14486.1	12560.2	11331.3	11238.3	11538.2	12931.9	14794.4	15313.9
27.5°	16226.1	16344.4	16678.0	15242.1	12893.9	11407.3	11398.8	11783.2	13274.0	15221.0	16492.2
30°	17205.9	17193.3	17383.3	15719.3	13426.0	11833.8	11424.2	12150.6	13721.7	15926.3	17581.8
32.5°	17873.2	18016.8	18418.0	16382.4	13649.9	12239.3	11918.3	12581.4	14266.5	16259.9	18350.5
35°	19047.3	19296.5	18789.7	16749.8	14359.4	12640.5	12264.6	13168.4	14536.8	16623.1	19292.3
37.5°	20153.8	19963.8	19448.5	16948.3	14819.7	13383.8	13033.3	14304.5	15377.2	17412.9	19917.3
40°	20863.4	20859.1	19942.7	17108.8	15144.9	14519.9	14498.8	15457.5	16407.7	17911.2	20618.4
42.5°	21171.7	21467.3	20145.4	17091.9	15829.1	15896.7	16323.3	17180.6	17138.4	18012.6	20601.5
44°	21594.0	21771.4	20495.9	17129.9	16285.2	16825.8	17831.0	18375.8	17776.1	17957.7	20580.4
45°	21577.1	21589.8	19997.6	17180.6	16673.8	17602.9	18502.5	19423.2	18337.8	17839.4	20859.1
47.5°	21083.0	20939.4	19575.2	16804.7	17885.9	19655.5	20487.5	21045.0	19030.4	17586.0	20512.8
50°	20107.4	19942.7	18549.0	16644.2	18139.3	20930.9	22079.7	22282.4	19659.7	17336.9	20170.7
52.5°	20175.0	20128.5	18840.4	16885.0	18392.7	21332.2	23173.5	23224.2	20373.5	17860.6	20175.0
55°	21382.8	21222.3	19676.6	17184.8	18206.9	20863.4	22476.7	22388.0	20132.7	17543.8	20546.6
57.5°	19566.8	19672.4	18519.4	15998.1	15934.7	16961.0	17670.5	17450.9	16800.5	15833.3	19114.9
60°	15786.9	16086.7	16196.6	13379.6	12023.9	11496.0	11284.8	10896.2	11006.1	13007.9	16792.0
62.5°	13540.1	13523.2	14211.6	12129.5	7876.6	6774.3	6672.9	6761.6	8028.6	12805.2	16445.7
65°	10735.8	11022.9	11234.1	10279.6	6233.7	5030.0	5025.8	5587.5	6947.4	10702.0	13278.2
67.5°	6816.5	7192.4	7454.2	6575.8	4168.4	3581.4	3484.3	4160.0	4814.6	7019.2	7994.8
70°	3843.3	4020.6	4138.9	3792.6	2652.3	1858.3	1748.5	1909.0	2909.9	4544.3	4738.6
72.5°	1482.4	1562.6	1723.1	1735.8	1000.9	599.7	485.7	582.8	1224.8	1799.1	1714.7
75°	228.1	245.0	346.3	413.9	287.2	219.6	232.3	240.7	342.1	464.6	388.5
77.5°	109.8	109.8	105.6	122.5	143.6	156.3	168.9	185.8	202.7	223.8	215.4
80°	71.8	71.8	71.8	84.5	105.6	126.7	143.6	152.0	160.5	177.4	168.9
82.5°	46.5	46.5	46.5	63.4	84.5	105.6	114.0	135.1	152.0	177.4	164.7
85°	25.3	25.3	25.3	42.2	63.4	88.7	84.5	67.6	38.0	4.2	8.4
87.5°	8.4	8.4	8.4	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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°	12902.3	12902.3	12902.3	12902.3	12902.3	12902.3	12902.3	12902.3	12902.3	12902.3	12902.3
2.5°	13278.2	13083.9	13067.1	12670.1	12315.3	12142.1	12002.8	11614.2	11698.7	11474.8	11470.6
5°	12636.3	12239.3	11597.3	11069.4	10541.5	10435.9	9975.6	9574.3	9587.0	9299.8	9350.5
7.5°	11483.3	11208.8	10427.5	9599.7	8898.6	8400.2	7965.2	7703.4	7369.7	7255.7	7196.6
10°	10752.7	10414.8	9536.3	8497.4	7711.8	7445.8	7027.7	6795.4	6453.3	6284.3	6166.1
12.5°	10431.7	9937.5	8839.5	7783.6	7259.9	6985.4	6630.7	6208.3	5802.9	5646.6	5431.2
15°	10465.5	9874.2	8636.8	7496.5	6867.2	6335.0	6018.3	5549.5	5135.6	4861.1	4704.8
17.5°	10976.5	10258.5	8729.7	7276.8	6373.0	5705.7	5084.9	4578.1	4248.7	4041.7	3991.1
20°	12184.4	11208.8	8885.9	6922.1	5878.9	5046.9	4282.5	3754.6	3501.2	3496.9	3501.2
22.5°	13189.5	12222.4	9202.7	6710.9	5384.8	4202.2	3442.0	3273.1	3222.4	3328.0	3340.7
25°	14545.2	13362.7	9747.5	6601.1	4928.7	3581.4	3112.6	3049.3	3045.0	3180.2	3184.4
27.5°	15934.7	14359.4	10072.7	6280.1	4464.1	3260.4	2914.1	2901.4	2969.0	3112.6	3099.9
30°	16880.7	15195.6	10659.7	5895.8	3915.0	2977.5	2833.9	2850.8	2943.7	3053.5	3070.4
32.5°	17983.0	16019.2	10811.8	5684.6	3577.2	2741.0	2639.6	2677.6	2795.9	2969.0	3061.9
35°	19245.8	16602.0	11044.1	5397.4	3450.5	2559.4	2508.7	2550.9	2694.5	2808.5	2909.9
37.5°	20179.2	17632.5	11086.3	5173.6	3311.1	2458.0	2377.7	2517.1	2601.6	2762.1	2812.8
40°	20871.8	18380.0	11196.1	5034.2	3201.3	2327.1	2327.1	2420.0	2534.0	2681.8	2783.2
42.5°	21315.3	18924.8	11276.4	4907.5	2990.1	2289.1	2267.9	2360.9	2512.9	2656.5	2702.9
44°	21585.6	19157.1	11196.1	4789.3	2931.0	2242.6	2242.6	2322.8	2441.1	2610.0	2664.9
45°	21653.1	19448.5	11018.7	4785.1	2859.2	2187.7	2179.2	2331.3	2411.5	2618.5	2652.3
47.5°	21915.0	19807.5	11039.8	4649.9	2686.1	2056.8	2204.6	2272.2	2344.0	2525.6	2639.6
50°	21906.5	20031.4	10993.4	4451.4	2559.4	1909.0	2153.9	2229.9	2301.7	2487.6	2534.0
52.5°	21965.7	20867.6	11419.9	4134.7	2331.3	1718.9	1985.0	2153.9	2242.6	2398.9	2496.0
55°	21936.1	21344.8	11842.3	3898.2	2010.3	1604.9	1841.4	2039.9	2166.6	2331.3	2377.7
57.5°	20035.6	18865.7	10959.6	3454.7	1664.0	1469.7	1638.7	1921.6	2082.1	2251.0	2310.2
60°	16369.7	14541.0	9038.0	2542.5	1368.4	1351.5	1524.6	1883.6	1951.2	2099.0	2200.4
62.5°	15128.0	12754.5	7167.0	1942.7	1169.9	1237.4	1406.4	1702.0	1807.6	1989.2	2082.1
65°	11838.1	8472.0	4438.7	1313.5	1030.5	1110.7	1271.2	1490.8	1664.0	1832.9	1942.7
67.5°	7010.8	4628.8	2196.1	920.7	899.6	984.0	1148.8	1313.5	1512.0	1697.8	1752.7
70°	3817.9	2276.4	937.6	701.1	764.4	840.4	1000.9	1115.0	1305.0	1448.6	1541.5
72.5°	1224.8	692.6	468.8	519.5	582.8	671.5	768.7	908.0	1043.2	1127.6	1203.7
75°	295.6	291.4	333.6	363.2	422.3	489.9	570.2	641.9	747.5	827.8	895.4
77.5°	206.9	223.8	257.6	299.9	321.0	346.3	397.0	451.9	498.4	557.5	599.7
80°	160.5	173.2	198.5	219.6	240.7	261.8	287.2	308.3	337.9	375.9	397.0
82.5°	152.0	160.5	185.8	198.5	190.1	185.8	202.7	211.2	215.4	228.1	240.7
85°	12.7	0.0	8.4	29.6	71.8	105.6	114.0	114.0	109.8	118.3	118.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	16.9	12.7
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°	12902.3	12902.3	12902.3	12902.3	12902.3	12902.3	12902.3	12902.3	12902.3	12902.3	12902.3
2.5°	11419.9	11276.4	11331.3	11398.8	11301.7	11077.9	11137.0	11111.6	11339.7	11322.8	11550.9
5°	9574.3	9350.5	9375.8	9705.3	9599.7	9713.7	9485.6	9456.1	9498.3	9519.4	9557.4
7.5°	7327.5	7298.0	7551.4	7830.1	7961.0	7825.9	7602.0	7551.4	7504.9	7412.0	7623.2
10°	5980.3	5988.7	5971.8	6183.0	6330.8	6301.2	6166.1	6149.2	6060.5	6026.7	6145.0
12.5°	5338.3	5224.3	5169.4	5101.8	5215.8	5291.9	5232.7	5190.5	5194.7	5237.0	5253.9
15°	4717.5	4645.7	4527.4	4451.4	4506.3	4468.3	4447.2	4531.7	4510.5	4502.1	4603.5
17.5°	4020.6	4079.8	4071.3	3986.8	4058.6	4029.1	4024.9	3965.7	3885.5	3826.4	3860.1
20°	3560.3	3670.1	3754.6	3758.8	3796.8	3792.6	3729.2	3547.6	3488.5	3475.8	3484.3
22.5°	3395.6	3454.7	3556.1	3699.7	3699.7	3632.1	3556.1	3344.9	3290.0	3230.9	3205.5
25°	3264.7	3378.7	3509.6	3526.5	3594.1	3530.7	3408.2	3302.7	3188.6	3108.4	3108.4
27.5°	3197.1	3323.8	3420.9	3450.5	3543.4	3492.7	3366.0	3230.9	3095.7	3091.5	3019.7
30°	3167.5	3285.8	3349.1	3420.9	3463.1	3382.9	3344.9	3201.3	3066.2	3032.4	2914.1
32.5°	3078.8	3247.8	3366.0	3349.1	3382.9	3349.1	3294.2	3176.0	3023.9	2947.9	2935.2
35°	2977.5	3146.4	3273.1	3361.8	3382.9	3311.1	3277.3	3116.8	2909.9	2871.9	2741.0
37.5°	2922.6	3023.9	3180.2	3323.8	3353.3	3315.3	3201.3	3036.6	2829.6	2787.4	2673.4
40°	2855.0	2985.9	3108.4	3226.6	3315.3	3222.4	3091.5	2931.0	2838.1	2711.4	2677.6
42.5°	2804.3	2952.1	3053.5	3184.4	3285.8	3163.3	3011.3	2901.4	2770.5	2686.1	2588.9
44°	2787.4	2922.6	2990.1	3150.6	3235.1	3142.2	3015.5	2901.4	2749.4	2673.4	2588.9
45°	2728.3	2914.1	2985.9	3129.5	3201.3	3125.3	2964.8	2850.8	2741.0	2648.0	2559.4
47.5°	2669.2	2795.9	2918.3	3032.4	3083.0	3057.7	2922.6	2783.2	2652.3	2597.4	2512.9
50°	2652.3	2779.0	2893.0	2998.6	3057.7	3007.0	2884.5	2749.4	2597.4	2508.7	2436.9
52.5°	2567.8	2724.1	2850.8	2884.5	2960.6	2931.0	2838.1	2690.3	2546.7	2470.7	2411.5
55°	2445.3	2610.0	2783.2	2825.4	2935.2	2888.8	2749.4	2610.0	2487.6	2373.5	2297.5
57.5°	2398.9	2559.4	2728.3	2783.2	2850.8	2774.7	2741.0	2593.1	2398.9	2339.7	2221.5
60°	2280.6	2483.3	2622.7	2749.4	2753.6	2732.5	2673.4	2504.4	2344.0	2234.2	2149.7
62.5°	2187.7	2377.7	2487.6	2605.8	2677.6	2618.5	2559.4	2403.1	2229.9	2107.5	2010.3
65°	2052.5	2225.7	2318.6	2390.4	2470.7	2462.2	2360.9	2246.8	2065.2	1968.1	1875.2
67.5°	1845.6	1997.6	2124.3	2191.9	2242.6	2229.9	2153.9	2073.7	1887.8	1790.7	1723.1
70°	1596.4	1752.7	1832.9	1870.9	1921.6	1947.0	1887.8	1849.8	1685.1	1558.4	1495.1
72.5°	1283.9	1385.3	1503.5	1537.3	1558.4	1575.3	1575.3	1541.5	1372.6	1321.9	1212.1
75°	946.0	1026.3	1115.0	1115.0	1153.0	1157.2	1165.6	1144.5	1017.8	950.3	924.9
77.5°	641.9	701.1	772.9	802.4	827.8	823.6	819.3	760.2	692.6	663.1	637.7
80°	418.1	477.2	511.0	549.0	574.4	570.2	578.6	536.4	506.8	456.1	464.6
82.5°	249.2	295.6	329.4	375.9	375.9	388.5	388.5	375.9	346.3	321.0	321.0
85°	118.3	156.3	177.4	206.9	223.8	228.1	202.7	173.2	143.6	130.9	143.6
87.5°	21.1	29.6	42.2	38.0	46.5	42.2	42.2	42.2	42.2	33.8	38.0
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: P531252

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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	12902.3	12902.3	12902.3	12902.3	12902.3	12902.3	12902.3	12902.3	12902.3	12902.3
2.5°	11466.4	11677.6	11825.4	12070.3	12492.7	12830.5	13176.9	13434.5	13464.0	13540.1
5°	9696.8	9810.8	10186.7	10676.6	11022.9	11593.1	11960.5	12627.8	12877.0	13143.1
7.5°	7572.5	7758.3	8260.9	8590.3	9350.5	10064.2	10803.3	11626.9	11956.3	11994.3
10°	6385.7	6656.0	6998.1	7526.0	7939.9	8733.9	9654.6	10571.1	10938.5	11001.8
12.5°	5608.6	5954.9	6411.0	6791.2	7188.1	7880.8	8763.5	9895.3	10372.6	10659.7
15°	4861.1	5220.1	5722.6	6250.6	6601.1	7428.9	8467.8	9743.3	10364.1	10617.5
17.5°	4092.4	4426.1	4840.0	5410.1	6115.4	7044.6	8421.4	10250.1	10930.0	11225.7
20°	3433.6	3619.4	4100.9	4687.9	5570.6	6651.8	8438.3	10997.6	11994.3	12125.2
22.5°	3176.0	3218.2	3408.2	3948.8	4916.0	6250.6	8738.1	12057.7	13189.5	13620.3
25°	2977.5	2969.0	3019.7	3382.9	4438.7	6094.3	9033.8	13033.3	14515.7	14984.5
27.5°	2867.7	2783.2	2787.4	3129.5	4100.9	5840.9	9413.9	14152.5	16019.2	16226.1
30°	2812.8	2795.9	2745.2	2884.5	3733.4	5460.8	9477.2	15254.7	16906.1	17205.9
32.5°	2779.0	2614.3	2550.9	2601.6	3387.1	5046.9	9713.7	15981.2	18004.2	17873.2
35°	2610.0	2462.2	2420.0	2470.7	3142.2	4814.6	9557.4	16614.7	18827.7	19047.3
37.5°	2546.7	2415.8	2331.3	2289.1	2914.1	4620.3	9477.2	17590.3	19625.9	20153.8
40°	2487.6	2348.2	2246.8	2204.6	2736.7	4362.7	9451.9	18342.0	20546.6	20863.4
42.5°	2420.0	2331.3	2217.3	2141.2	2521.3	4105.1	9160.5	18574.3	20829.6	21171.7
44°	2398.9	2263.7	2145.5	2120.1	2436.9	3974.2	9101.3	18785.5	21074.5	21594.0
45°	2377.7	2251.0	2115.9	2082.1	2407.3	3902.4	9021.1	18836.2	21480.0	21577.1
47.5°	2318.6	2238.4	2107.5	2014.5	2344.0	3746.1	8780.3	18549.0	21066.1	21083.0
50°	2272.2	2179.2	2044.1	1862.5	2259.5	3615.2	8890.2	18443.4	20069.4	20107.4
52.5°	2221.5	2082.1	2006.1	1693.6	2120.1	3505.4	9122.4	18920.6	20183.4	20175.0
55°	2162.4	2010.3	1824.5	1550.0	1887.8	3366.0	9684.1	19862.4	21239.2	21382.8
57.5°	2069.4	1938.5	1672.4	1423.3	1621.8	3099.9	9502.5	18059.1	19541.5	19566.8
60°	1947.0	1824.5	1516.2	1326.1	1330.4	2445.3	8497.4	14072.2	15419.5	15786.9
62.5°	1828.7	1761.1	1385.3	1186.8	1131.9	1947.0	7183.9	11694.5	13236.0	13540.1
65°	1689.3	1524.6	1271.2	1081.2	971.4	1364.1	5089.1	8738.1	10326.1	10735.8
67.5°	1512.0	1334.6	1119.2	950.3	832.0	912.2	2626.9	4966.7	6575.8	6816.5
70°	1321.9	1157.2	941.8	802.4	671.5	629.3	1157.2	2369.3	3594.1	3843.3
72.5°	1085.4	933.4	751.8	633.5	502.6	435.0	388.5	633.5	1275.5	1482.4
75°	785.5	680.0	565.9	451.9	354.8	278.7	228.1	190.1	211.2	228.1
77.5°	578.6	494.1	418.1	321.0	249.2	198.5	156.3	118.3	114.0	109.8
80°	451.9	401.2	333.6	257.6	194.3	147.8	109.8	80.2	71.8	71.8
82.5°	354.8	329.4	274.5	211.2	160.5	118.3	80.2	54.9	46.5	46.5
85°	135.1	135.1	198.5	173.2	122.5	84.5	54.9	29.6	25.3	25.3
87.5°	33.8	33.8	33.8	33.8	29.6	25.3	25.3	12.7	8.4	8.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)