

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: P532162

Luminaire Tested: **GALN-SA7C-730-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P532162
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-SA7C-730-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 70 CRI, 3000K, 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: 33213 lumens
Efficiency: N/A
Efficacy: 88.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B4 - U0 - G3

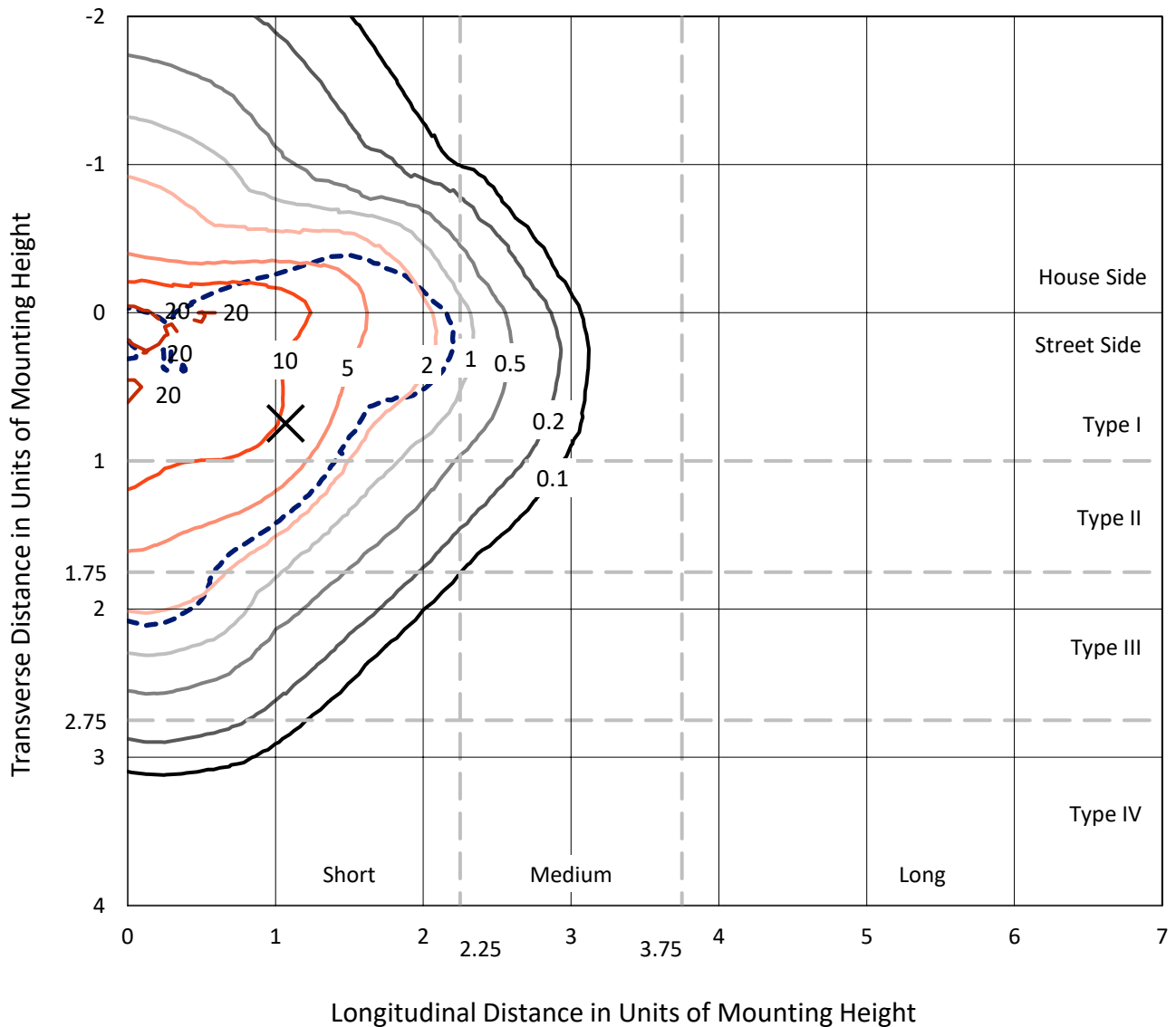
Input Watts (W): 377
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

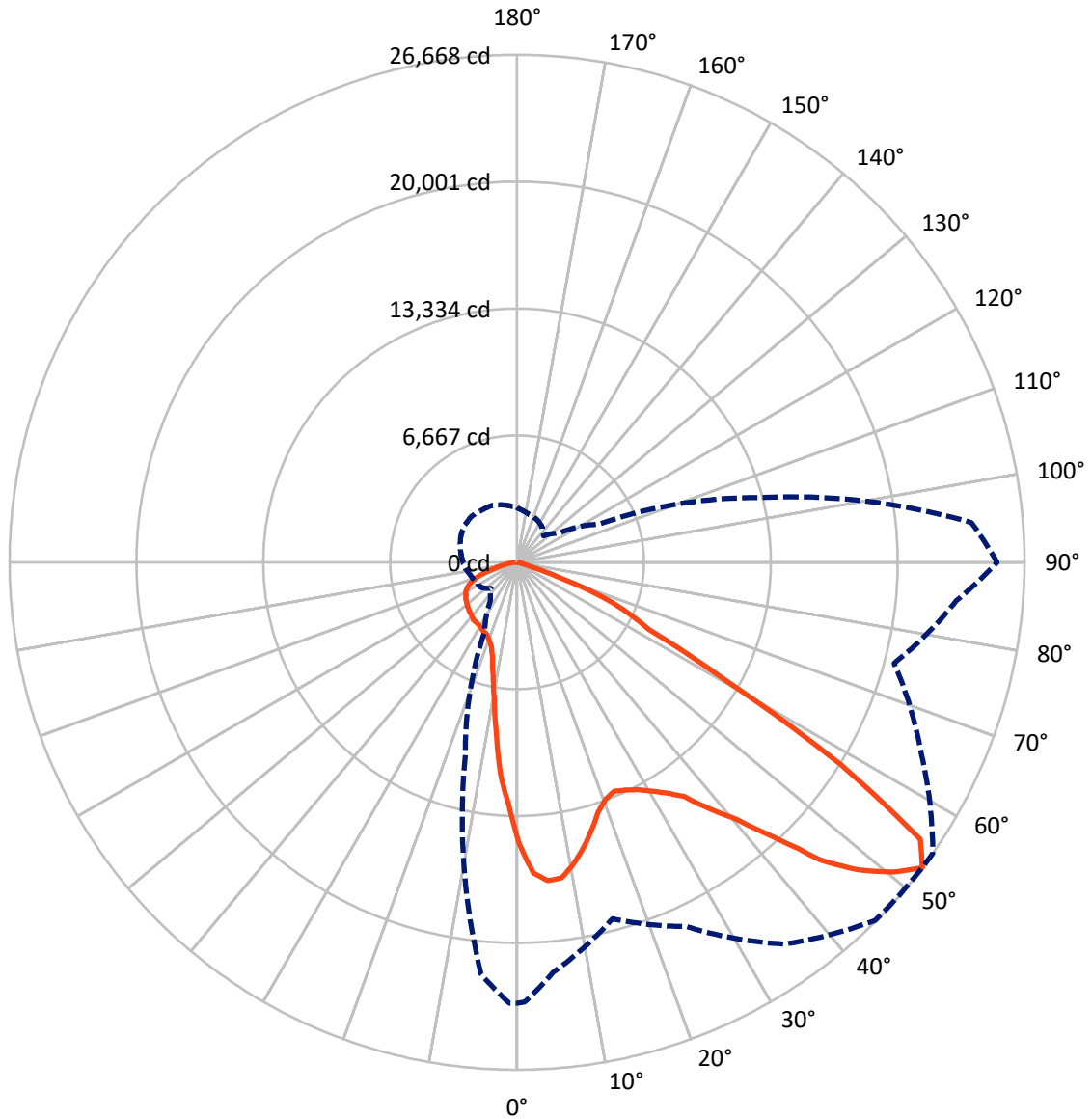
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 25.2 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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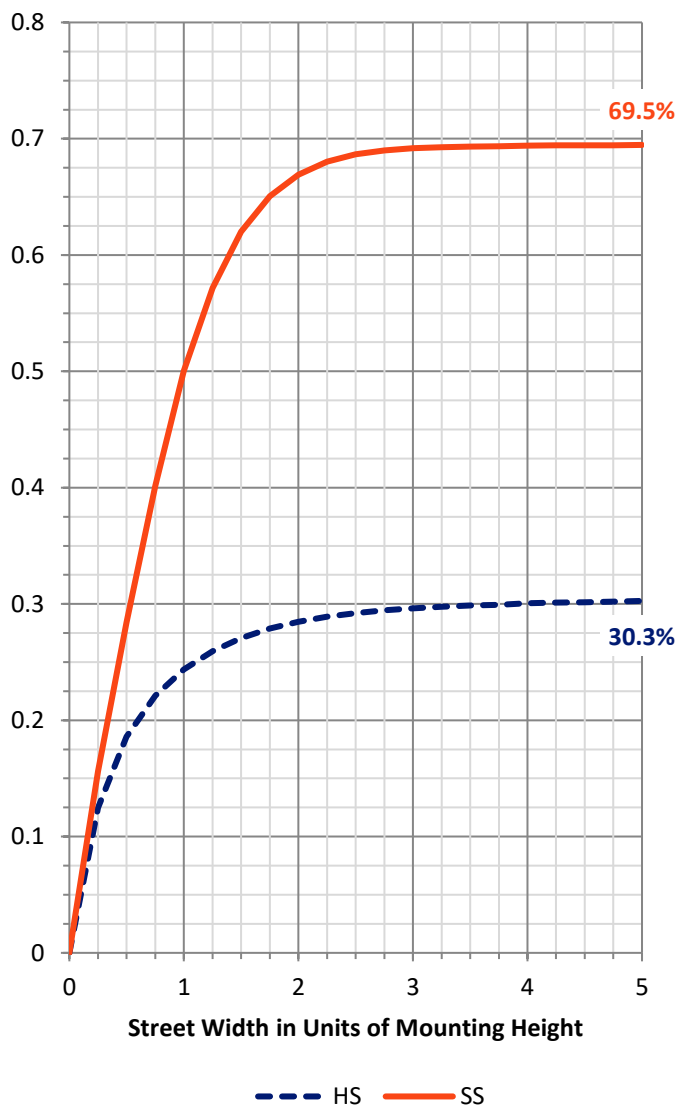
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10131.8	0.0	10131.8
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	23081.2	0.0	23081.2
	% Fixture	69.5	0.0	69.5
Total	Lumens	33213.0	0.0	33213.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1131.9	3.4
10°-20°	2440.5	7.3
20°-30°	3700.6	11.1
30°-40°	5346.7	16.1
40°-50°	7144.7	21.5
50°-60°	7975.1	24.0
60°-70°	4374.7	13.2
70°-80°	945.8	2.8
80°-90°	153.0	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°	33213.0	100.0
0°-180°	33213.0	100.0

Coefficient of Utilization

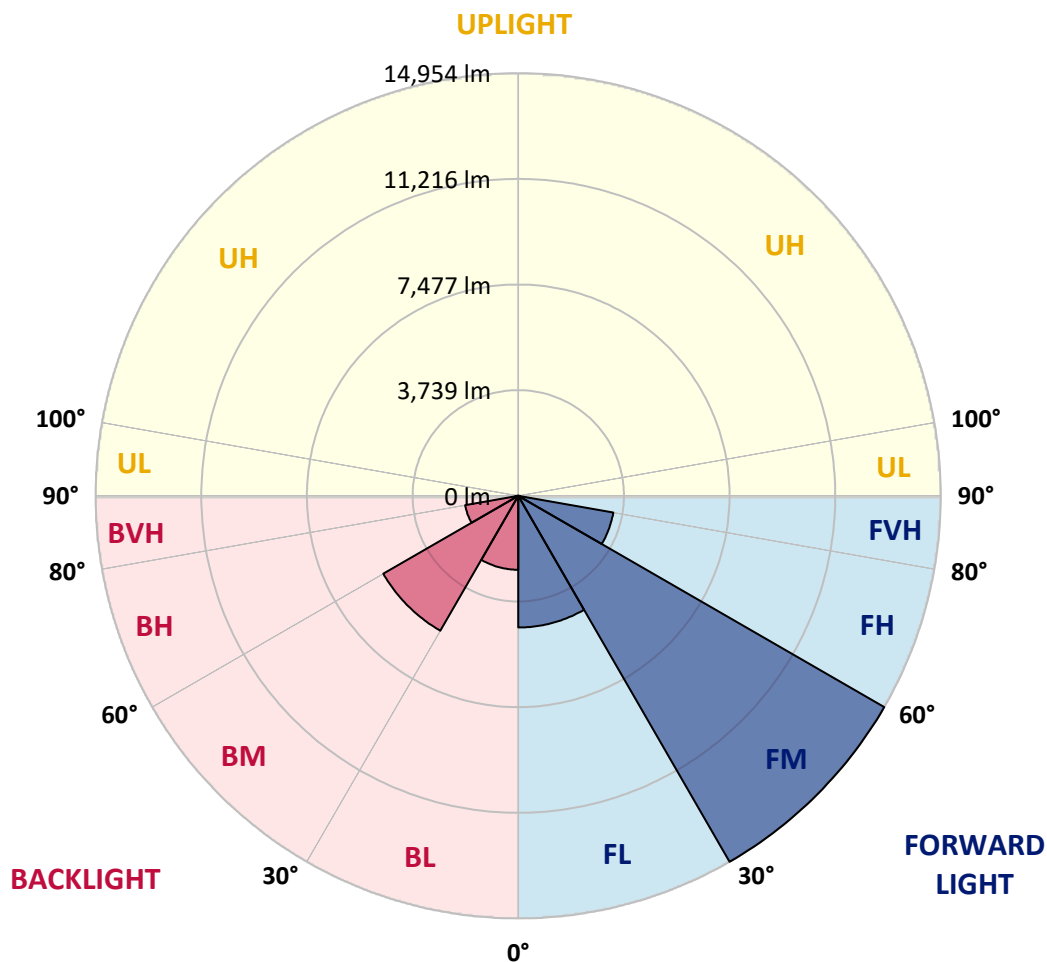


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4657.1	14.0			
FM (30°-60°)	14954.1	45.0			
FH (60°-80°)	3413.5	10.3			G2/5000
FVH (80°-90°)	56.6	0.2			G1/100
BL (0°-30°)	2615.9	7.9	B4/5000		
BM (30°-60°)	5512.5	16.6	B4/8500		
BH (60°-80°)	1907.0	5.7	B3/2500		G3/2500
BVH (80°-90°)	96.4	0.3			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G3
 Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	14815.6	14815.6	14815.6	14815.6	14815.6	14815.6	14815.6	14815.6	14815.6	14815.6	14815.6
2.5°	15547.9	15460.6	15538.2	15906.7	16120.1	16265.6	16357.7	16343.2	15994.0	15654.6	15654.6
5°	15092.0	14980.5	15140.5	15974.6	16813.6	16886.4	17007.6	16808.8	16294.7	15673.9	14898.0
7.5°	13772.9	13855.3	14122.1	15218.1	16309.2	16857.3	17002.7	16750.6	15916.4	14757.4	13617.7
10°	12633.2	12827.2	13443.1	14626.4	15630.3	16343.2	16503.2	16149.2	15489.7	14068.7	13050.3
12.5°	12240.4	12119.2	12803.0	13986.3	14946.5	15329.6	15402.4	15426.6	14980.5	13719.6	12478.1
15°	12191.9	12269.5	12803.0	13700.2	14291.8	14311.2	14432.4	14621.6	14679.8	13957.2	12744.8
17.5°	12890.3	12798.1	13346.1	14059.0	13777.8	13496.5	13525.6	13797.1	14277.3	14160.9	13583.8
20°	13923.2	14131.8	14563.4	14490.6	13734.1	13021.2	13026.1	13283.1	14228.8	15004.7	14752.5
22.5°	15640.0	15843.7	16163.8	15286.0	13734.1	12880.6	12715.7	13064.9	14539.1	16008.6	16071.6
25°	17206.4	17579.8	17667.1	16634.2	14422.7	13011.5	12904.8	13249.1	14849.5	16988.2	17584.7
27.5°	18632.2	18768.0	19151.1	17502.3	14805.9	13098.8	13089.1	13530.4	15242.3	17478.0	18937.7
30°	19757.3	19742.8	19961.0	18050.3	15416.9	13588.6	13118.2	13952.3	15756.4	18287.9	20188.9
32.5°	20523.6	20688.4	21149.2	18811.6	15673.9	14054.2	13685.6	14447.0	16382.0	18671.0	21071.6
35°	21871.8	22157.9	21575.9	19233.6	16488.7	14514.9	14083.3	15121.1	16692.4	19088.1	22153.0
37.5°	23142.4	22924.1	22332.5	19461.5	17017.3	15368.4	14965.9	16425.6	17657.4	19995.0	22870.8
40°	23957.1	23952.2	22899.9	19645.8	17390.7	16673.0	16648.7	17749.6	18840.7	20567.2	23675.8
42.5°	24311.1	24650.6	23132.7	19626.4	18176.3	18253.9	18743.8	19728.2	19679.7	20683.6	23656.4
44°	24796.1	24999.8	23535.2	19670.0	18700.1	19320.9	20475.1	21100.7	20412.0	20620.6	23632.2
45°	24776.7	24791.2	22962.9	19728.2	19146.3	20213.2	21246.2	22303.4	21057.0	20484.8	23952.2
47.5°	24209.3	24044.4	22478.0	19296.6	20538.1	22570.1	23525.5	24165.6	21852.4	20193.8	23554.6
50°	23089.0	22899.9	21299.5	19112.3	20829.1	24034.7	25353.8	25586.6	22574.9	19907.7	23161.8
52.5°	23166.6	23113.3	21634.1	19388.8	21120.1	24495.4	26609.8	26668.0	23394.5	20509.0	23166.6
55°	24553.6	24369.3	22594.3	19733.1	20906.7	23957.1	25809.6	25707.8	23118.1	20145.3	23593.4
57.5°	22468.3	22589.5	21265.6	18370.3	18297.6	19476.0	20290.8	20038.6	19291.8	18181.2	21949.3
60°	18127.9	18472.2	18598.3	15363.6	13806.8	13200.6	12958.2	12512.0	12638.1	14936.8	19282.1
62.5°	15547.9	15528.5	16318.9	13928.1	9044.5	7778.8	7662.4	7764.2	9219.1	14704.0	18884.4
65°	12327.7	12657.5	12900.0	11804.0	7158.0	5775.9	5771.0	6416.0	7977.6	12288.9	15247.2
67.5°	7827.3	8258.9	8559.6	7550.8	4786.6	4112.5	4000.9	4776.9	5528.6	8060.1	9180.3
70°	4413.1	4616.8	4752.6	4355.0	3045.6	2133.8	2007.7	2192.0	3341.4	5218.2	5441.3
72.5°	1702.2	1794.4	1978.6	1993.2	1149.4	688.6	557.7	669.2	1406.4	2065.9	1968.9
75°	261.9	281.3	397.7	475.3	329.8	252.2	266.7	276.4	392.8	533.5	446.2
77.5°	126.1	126.1	121.2	140.6	164.9	179.4	194.0	213.4	232.8	257.0	247.3
80°	82.4	82.4	82.4	97.0	121.2	145.5	164.9	174.6	184.3	203.7	194.0
82.5°	53.3	53.3	53.3	72.7	97.0	121.2	130.9	155.2	174.6	203.7	189.1
85°	29.1	29.1	29.1	48.5	72.7	101.8	97.0	77.6	43.6	4.8	9.7
87.5°	9.7	9.7	9.7	9.7	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°	14815.6	14815.6	14815.6	14815.6	14815.6	14815.6	14815.6	14815.6	14815.6	14815.6	14815.6
2.5°	15247.2	15024.1	15004.7	14548.8	14141.5	13942.6	13782.6	13336.4	13433.4	13176.4	13171.5
5°	14510.0	14054.2	13317.0	12710.8	12104.6	11983.4	11454.8	10994.1	11008.6	10678.8	10737.0
7.5°	13186.1	12870.9	11973.7	11023.2	10218.1	9645.9	9146.4	8845.7	8462.6	8331.6	8263.7
10°	12347.1	11959.1	10950.4	9757.4	8855.4	8549.9	8069.8	7803.0	7410.2	7216.2	7080.4
12.5°	11978.5	11411.1	10150.2	8937.8	8336.5	8021.3	7613.9	7128.9	6663.4	6483.9	6236.6
15°	12017.3	11338.4	9917.5	8608.1	7885.5	7274.4	6910.7	6372.4	5897.1	5581.9	5402.5
17.5°	12604.1	11779.7	10024.1	8355.9	7318.1	6551.8	5838.9	5257.0	4878.7	4641.1	4582.9
20°	13991.1	12870.9	10203.6	7948.5	6750.7	5795.3	4917.5	4311.3	4020.3	4015.5	4020.3
22.5°	15145.3	14034.8	10567.3	7706.0	6183.3	4825.4	3952.4	3758.4	3700.3	3821.5	3836.0
25°	16702.1	15344.2	11192.9	7579.9	5659.5	4112.5	3574.2	3501.4	3496.6	3651.8	3656.6
27.5°	18297.6	16488.7	11566.3	7211.4	5126.0	3743.9	3346.2	3331.7	3409.3	3574.2	3559.6
30°	19383.9	17448.9	12240.4	6770.1	4495.6	3419.0	3254.1	3273.5	3380.2	3506.3	3525.7
32.5°	20649.7	18394.6	12415.0	6527.6	4107.6	3147.4	3031.0	3074.7	3210.4	3409.3	3516.0
35°	22099.7	19063.8	12681.7	6197.8	3962.1	2938.9	2880.7	2929.2	3094.1	3225.0	3341.4
37.5°	23171.5	20247.1	12730.2	5940.8	3802.1	2822.5	2730.3	2890.4	2987.4	3171.6	3229.8
40°	23966.8	21105.5	12856.3	5780.7	3676.0	2672.1	2672.1	2778.8	2909.8	3079.5	3195.9
42.5°	24476.0	21731.1	12948.5	5635.3	3433.5	2628.5	2604.2	2710.9	2885.5	3050.4	3103.8
44°	24786.4	21997.8	12856.3	5499.5	3365.6	2575.1	2575.1	2667.3	2803.1	2997.1	3060.1
45°	24864.0	22332.5	12652.6	5494.6	3283.2	2512.1	2502.4	2677.0	2769.1	3006.8	3045.6
47.5°	25164.6	22744.7	12676.9	5339.4	3084.4	2361.8	2531.5	2609.1	2691.5	2900.1	3031.0
50°	25154.9	23001.7	12623.5	5111.5	2938.9	2192.0	2473.3	2560.6	2643.0	2856.4	2909.8
52.5°	25222.8	23961.9	13113.4	4747.8	2677.0	1973.8	2279.3	2473.3	2575.1	2754.6	2866.1
55°	25188.9	24509.9	13598.3	4476.2	2308.4	1842.9	2114.4	2342.4	2487.9	2677.0	2730.3
57.5°	23006.6	21663.2	12584.7	3967.0	1910.7	1687.7	1881.6	2206.6	2390.9	2584.8	2652.7
60°	18797.1	16697.2	10378.2	2919.5	1571.3	1551.9	1750.7	2162.9	2240.5	2410.3	2526.6
62.5°	17371.3	14645.8	8229.8	2230.8	1343.3	1420.9	1614.9	1954.4	2075.6	2284.2	2390.9
65°	13593.5	9728.3	5096.9	1508.2	1183.3	1275.4	1459.7	1711.9	1910.7	2104.7	2230.8
67.5°	8050.4	5315.2	2521.8	1057.2	1033.0	1130.0	1319.1	1508.2	1736.2	1949.5	2012.6
70°	4384.0	2613.9	1076.6	805.0	877.8	965.1	1149.4	1280.3	1498.5	1663.4	1770.1
72.5°	1406.4	795.3	538.3	596.5	669.2	771.1	882.6	1042.7	1197.9	1294.8	1382.1
75°	339.5	334.6	383.1	417.1	485.0	562.6	654.7	737.1	858.4	950.5	1028.1
77.5°	237.6	257.0	295.8	344.3	368.6	397.7	455.9	518.9	572.3	640.1	688.6
80°	184.3	198.8	227.9	252.2	276.4	300.7	329.8	354.0	388.0	431.6	455.9
82.5°	174.6	184.3	213.4	227.9	218.2	213.4	232.8	242.5	247.3	261.9	276.4
85°	14.5	0.0	9.7	33.9	82.4	121.2	130.9	130.9	126.1	135.8	135.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	19.4	14.5
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°	14815.6	14815.6	14815.6	14815.6	14815.6	14815.6	14815.6	14815.6	14815.6	14815.6	14815.6
2.5°	13113.4	12948.5	13011.5	13089.1	12977.6	12720.5	12788.4	12759.3	13021.2	13001.8	13263.7
5°	10994.1	10737.0	10766.1	11144.4	11023.2	11154.1	10892.2	10858.3	10906.8	10931.0	10974.7
7.5°	8414.1	8380.1	8671.1	8991.2	9141.5	8986.3	8729.3	8671.1	8617.8	8511.1	8753.6
10°	6867.1	6876.8	6857.4	7099.8	7269.6	7235.6	7080.4	7061.0	6959.2	6920.4	7056.2
12.5°	6129.9	5999.0	5935.9	5858.3	5989.3	6076.6	6008.7	5960.2	5965.0	6013.5	6032.9
15°	5417.0	5334.6	5198.8	5111.5	5174.5	5130.9	5106.6	5203.6	5179.4	5169.7	5286.1
17.5°	4616.8	4684.7	4675.0	4578.0	4660.5	4626.5	4621.7	4553.8	4461.6	4393.7	4432.5
20°	4088.2	4214.3	4311.3	4316.2	4359.8	4355.0	4282.2	4073.7	4005.8	3991.2	4000.9
22.5°	3899.1	3967.0	4083.4	4248.3	4248.3	4170.7	4083.4	3840.9	3777.8	3710.0	3680.9
25°	3748.8	3879.7	4030.0	4049.4	4127.0	4054.3	3913.6	3792.4	3661.5	3569.3	3569.3
27.5°	3671.2	3816.6	3928.2	3962.1	4068.8	4010.6	3865.1	3710.0	3554.8	3549.9	3467.5
30°	3637.2	3773.0	3845.7	3928.2	3976.7	3884.5	3840.9	3676.0	3520.8	3482.0	3346.2
32.5°	3535.4	3729.4	3865.1	3845.7	3884.5	3845.7	3782.7	3646.9	3472.3	3385.0	3370.5
35°	3419.0	3613.0	3758.4	3860.3	3884.5	3802.1	3763.3	3579.0	3341.4	3297.7	3147.4
37.5°	3355.9	3472.3	3651.8	3816.6	3850.6	3806.9	3676.0	3486.9	3249.2	3200.7	3069.8
40°	3278.3	3428.7	3569.3	3705.1	3806.9	3700.3	3549.9	3365.6	3258.9	3113.5	3074.7
42.5°	3220.1	3389.9	3506.3	3656.6	3773.0	3632.4	3457.8	3331.7	3181.3	3084.4	2972.8
44°	3200.7	3355.9	3433.5	3617.8	3714.8	3608.1	3462.6	3331.7	3157.1	3069.8	2972.8
45°	3132.8	3346.2	3428.7	3593.6	3676.0	3588.7	3404.4	3273.5	3147.4	3040.7	2938.9
47.5°	3065.0	3210.4	3351.1	3482.0	3540.2	3511.1	3355.9	3195.9	3045.6	2982.5	2885.5
50°	3045.6	3191.0	3322.0	3443.2	3511.1	3452.9	3312.3	3157.1	2982.5	2880.7	2798.2
52.5°	2948.6	3128.0	3273.5	3312.3	3399.6	3365.6	3258.9	3089.2	2924.3	2837.0	2769.1
55°	2807.9	2997.1	3195.9	3244.4	3370.5	3317.1	3157.1	2997.1	2856.4	2725.5	2638.2
57.5°	2754.6	2938.9	3132.8	3195.9	3273.5	3186.2	3147.4	2977.7	2754.6	2686.7	2550.9
60°	2618.8	2851.6	3011.6	3157.1	3161.9	3137.7	3069.8	2875.8	2691.5	2565.4	2468.5
62.5°	2512.1	2730.3	2856.4	2992.2	3074.7	3006.8	2938.9	2759.4	2560.6	2420.0	2308.4
65°	2356.9	2555.7	2662.4	2744.9	2837.0	2827.3	2710.9	2580.0	2371.5	2259.9	2153.2
67.5°	2119.3	2293.9	2439.4	2516.9	2575.1	2560.6	2473.3	2381.2	2167.8	2056.2	1978.6
70°	1833.2	2012.6	2104.7	2148.4	2206.6	2235.7	2167.8	2124.1	1935.0	1789.5	1716.8
72.5°	1474.3	1590.7	1726.5	1765.3	1789.5	1808.9	1808.9	1770.1	1576.1	1517.9	1391.8
75°	1086.3	1178.5	1280.3	1280.3	1323.9	1328.8	1338.5	1314.2	1168.8	1091.2	1062.1
77.5°	737.1	805.0	887.5	921.4	950.5	945.7	940.8	872.9	795.3	761.4	732.3
80°	480.1	548.0	586.8	630.4	659.5	654.7	664.4	615.9	582.0	523.8	533.5
82.5°	286.1	339.5	378.3	431.6	431.6	446.2	446.2	431.6	397.7	368.6	368.6
85°	135.8	179.4	203.7	237.6	257.0	261.9	232.8	198.8	164.9	150.3	164.9
87.5°	24.2	33.9	48.5	43.6	53.3	48.5	48.5	48.5	48.5	38.8	43.6
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: P532162

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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	14815.6	14815.6	14815.6	14815.6	14815.6	14815.6	14815.6	14815.6	14815.6	14815.6
2.5°	13166.7	13409.2	13578.9	13860.2	14345.2	14733.1	15130.8	15426.6	15460.6	15547.9
5°	11134.7	11265.7	11697.3	12259.8	12657.5	13312.2	13734.1	14500.3	14786.5	15092.0
7.5°	8695.4	8908.7	9485.8	9864.1	10737.0	11556.6	12405.3	13351.0	13729.3	13772.9
10°	7332.6	7643.0	8035.8	8642.0	9117.3	10029.0	11086.2	12138.6	12560.5	12633.2
12.5°	6440.3	6838.0	7361.7	7798.2	8254.0	9049.4	10062.9	11362.6	11910.6	12240.4
15°	5581.9	5994.1	6571.2	7177.4	7579.9	8530.5	9723.5	11188.1	11900.9	12191.9
17.5°	4699.3	5082.4	5557.7	6212.4	7022.2	8089.2	9670.1	11770.0	12550.8	12890.3
20°	3942.7	4156.1	4709.0	5383.1	6396.6	7638.1	9689.5	12628.4	13772.9	13923.2
22.5°	3646.9	3695.4	3913.6	4534.4	5644.9	7177.4	10033.8	13845.6	15145.3	15640.0
25°	3419.0	3409.3	3467.5	3884.5	5096.9	6998.0	10373.3	14965.9	16668.1	17206.4
27.5°	3292.9	3195.9	3200.7	3593.6	4709.0	6707.0	10809.8	16251.1	18394.6	18632.2
30°	3229.8	3210.4	3152.2	3312.3	4287.1	6270.5	10882.5	17516.8	19413.0	19757.3
32.5°	3191.0	3001.9	2929.2	2987.4	3889.4	5795.3	11154.1	18350.9	20673.9	20523.6
35°	2997.1	2827.3	2778.8	2837.0	3608.1	5528.6	10974.7	19078.4	21619.6	21871.8
37.5°	2924.3	2774.0	2677.0	2628.5	3346.2	5305.5	10882.5	20198.6	22536.2	23142.4
40°	2856.4	2696.4	2580.0	2531.5	3142.5	5009.7	10853.4	21061.9	23593.4	23957.1
42.5°	2778.8	2677.0	2546.0	2458.8	2895.2	4713.8	10518.8	21328.6	23918.3	24311.1
44°	2754.6	2599.4	2463.6	2434.5	2798.2	4563.5	10450.9	21571.1	24199.6	24796.1
45°	2730.3	2584.8	2429.7	2390.9	2764.3	4481.0	10358.8	21629.3	24665.1	24776.7
47.5°	2662.4	2570.3	2420.0	2313.3	2691.5	4301.6	10082.3	21299.5	24189.9	24209.3
50°	2609.1	2502.4	2347.2	2138.7	2594.5	4151.3	10208.4	21178.3	23045.4	23089.0
52.5°	2550.9	2390.9	2303.6	1944.7	2434.5	4025.2	10475.2	21726.3	23176.3	23166.6
55°	2483.0	2308.4	2095.0	1779.8	2167.8	3865.1	11120.2	22807.7	24388.7	24553.6
57.5°	2376.3	2226.0	1920.4	1634.3	1862.3	3559.6	10911.6	20736.9	22439.2	22468.3
60°	2235.7	2095.0	1741.0	1522.8	1527.6	2807.9	9757.4	16158.9	17705.9	18127.9
62.5°	2099.9	2022.3	1590.7	1362.7	1299.7	2235.7	8249.2	13428.6	15198.7	15547.9
65°	1939.8	1750.7	1459.7	1241.5	1115.4	1566.4	5843.8	10033.8	11857.3	12327.7
67.5°	1736.2	1532.5	1285.1	1091.2	955.4	1047.5	3016.5	5703.1	7550.8	7827.3
70°	1517.9	1328.8	1081.5	921.4	771.1	722.6	1328.8	2720.6	4127.0	4413.1
72.5°	1246.4	1071.8	863.2	727.4	577.1	499.5	446.2	727.4	1464.6	1702.2
75°	902.0	780.8	649.8	518.9	407.4	320.1	261.9	218.2	242.5	261.9
77.5°	664.4	567.4	480.1	368.6	286.1	227.9	179.4	135.8	130.9	126.1
80°	518.9	460.7	383.1	295.8	223.1	169.7	126.1	92.1	82.4	82.4
82.5°	407.4	378.3	315.2	242.5	184.3	135.8	92.1	63.0	53.3	53.3
85°	155.2	155.2	227.9	198.8	140.6	97.0	63.0	33.9	29.1	29.1
87.5°	38.8	38.8	38.8	38.8	33.9	29.1	29.1	14.5	9.7	9.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)