

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: P533540

Luminaire Tested: **GALN-SA9A-727-U-SLL-GRSWH**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P533540  
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-SA9A-727-U-SLL-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(9) 70 CRI, 2700K, 615mA 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: 25822 lumens  
Efficiency: N/A  
Efficacy: 94.2 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B3 - U0 - G3

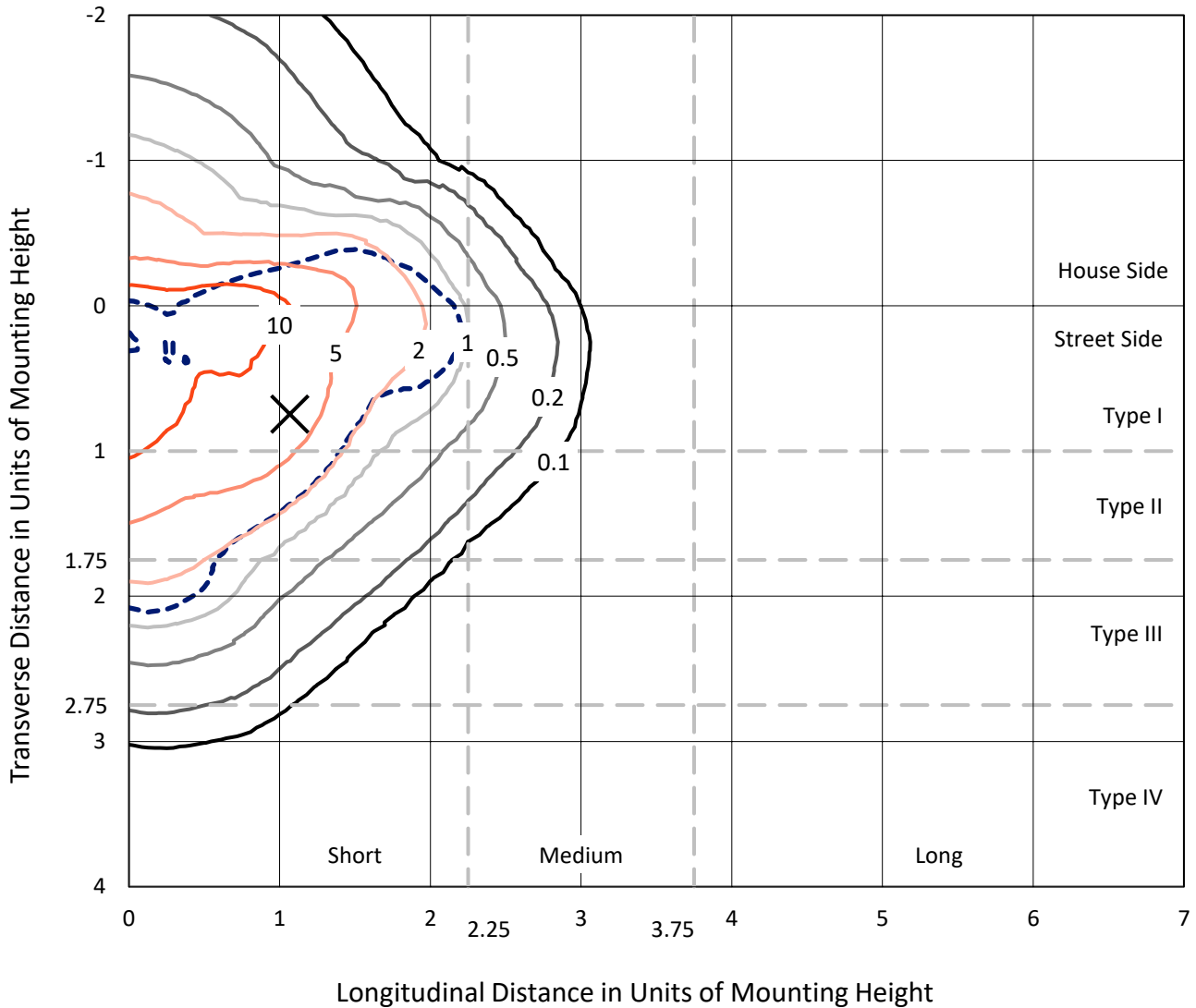
Input Watts (W): 274  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

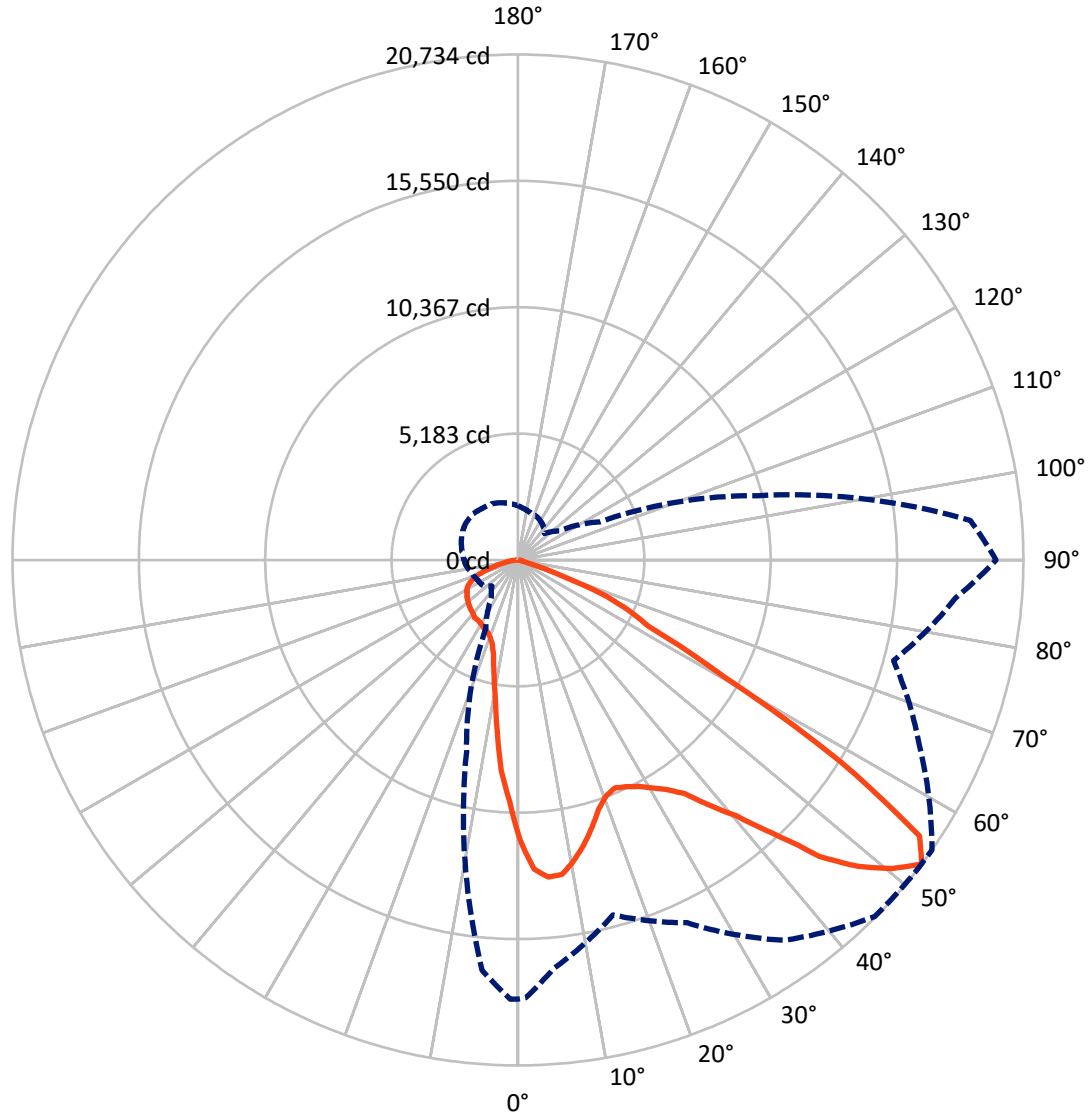
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 19.6 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
<b>House Side</b>	Lumens	7877.1	0.0	7877.1
	% Fixture	30.5	0.0	30.5
<b>Street Side</b>	Lumens	17944.9	0.0	17944.9
	% Fixture	69.5	0.0	69.5
<b>Total</b>	Lumens	25822.0	0.0	25822.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	880.0	3.4
10°-20°	1897.4	7.3
20°-30°	2877.1	11.1
30°-40°	4156.9	16.1
40°-50°	5554.8	21.5
50°-60°	6200.4	24.0
60°-70°	3401.2	13.2
70°-80°	735.3	2.8
80°-90°	119.0	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°	25822.0	100.0
0°-180°	25822.0	100.0

**Coefficient of Utilization**



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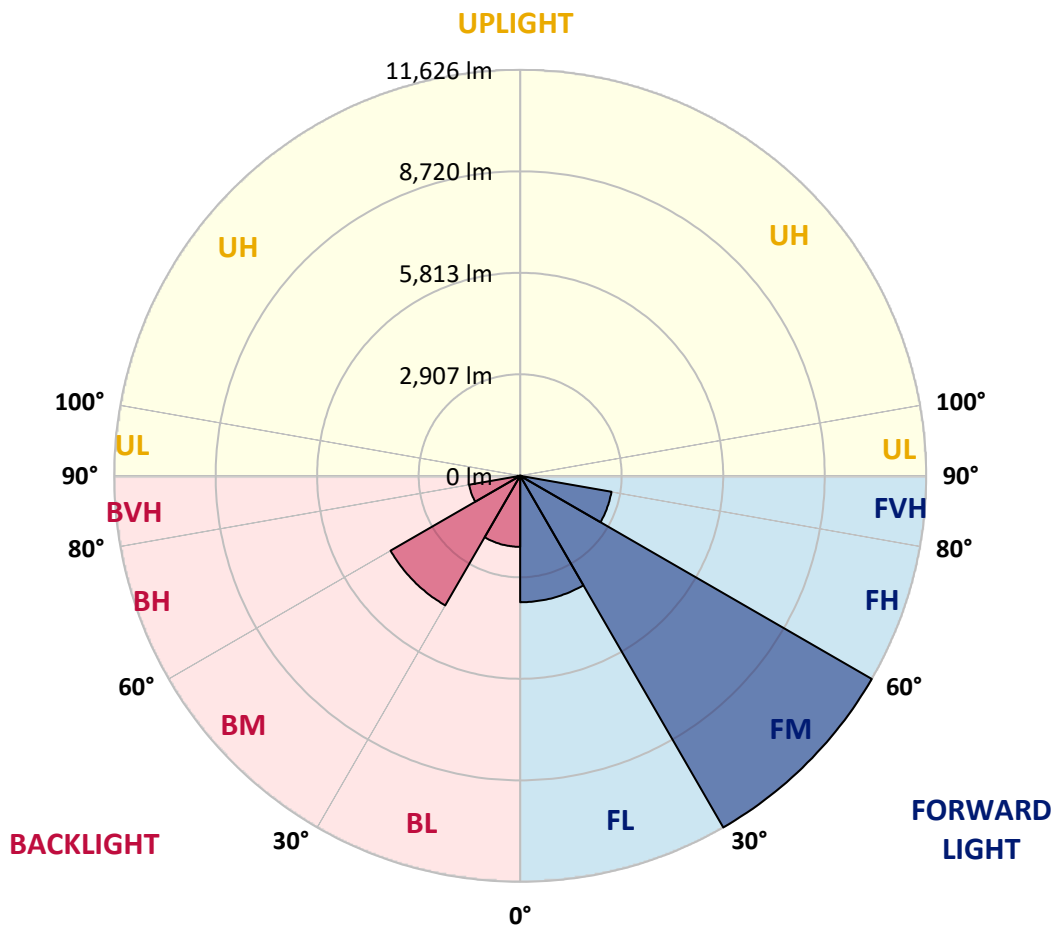
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3620.7	14.0			
FM (30°-60°)	11626.3	45.0			
FH (60°-80°)	2653.9	10.3			G2/5000
FVH (80°-90°)	44.0	0.2			G1/100
BL (0°-30°)	2033.8	7.9	B3/2500		
BM (30°-60°)	4285.8	16.6	B3/5000		
BH (60°-80°)	1482.7	5.7	B3/2500		G3/2500
BVH (80°-90°)	74.9	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°	11518.6	11518.6	11518.6	11518.6	11518.6	11518.6	11518.6	11518.6	11518.6	11518.6	11518.6
2.5°	12087.9	12020.1	12080.4	12367.0	12532.9	12646.0	12717.6	12706.3	12434.8	12170.9	12170.9
5°	11733.5	11646.8	11771.2	12419.7	13072.0	13128.6	13222.8	13068.2	12668.6	12186.0	11582.7
7.5°	10708.0	10772.1	10979.4	11831.6	12679.9	13106.0	13219.1	13023.0	12374.5	11473.4	10587.3
10°	9821.9	9972.7	10451.6	11371.6	12152.0	12706.3	12830.7	12555.5	12042.7	10938.0	10146.2
12.5°	9516.5	9422.3	9953.9	10873.9	11620.4	11918.3	11974.8	11993.7	11646.8	10666.5	9701.3
15°	9478.8	9539.1	9953.9	10651.4	11111.4	11126.5	11220.7	11367.8	11413.0	10851.2	9908.6
17.5°	10021.8	9950.1	10376.2	10930.4	10711.7	10493.1	10515.7	10726.8	11100.1	11009.6	10560.9
20°	10824.9	10987.0	11322.5	11266.0	10677.8	10123.6	10127.3	10327.2	11062.4	11665.7	11469.6
22.5°	12159.6	12317.9	12566.8	11884.3	10677.8	10014.2	9886.0	10157.5	11303.7	12446.1	12495.1
25°	13377.4	13667.7	13735.6	12932.5	11213.2	10116.0	10033.1	10300.8	11545.0	13207.8	13671.5
27.5°	14485.9	14591.5	14889.4	13607.4	11511.1	10183.9	10176.3	10519.5	11850.4	13588.6	14723.5
30°	15360.7	15349.3	15519.0	14033.5	11986.1	10564.7	10199.0	10847.5	12250.1	14218.2	15696.2
32.5°	15956.4	16084.6	16442.8	14625.4	12186.0	10926.7	10640.1	11232.1	12736.5	14516.1	16382.4
35°	17004.6	17227.0	16774.6	14953.5	12819.4	11284.8	10949.3	11756.1	12977.8	14840.3	17223.2
37.5°	17992.4	17822.7	17362.7	15130.7	13230.4	11948.4	11635.5	12770.4	13728.1	15545.4	17781.3
40°	18625.8	18622.1	17803.9	15273.9	13520.7	12962.7	12943.8	13799.7	14648.1	15990.3	18407.2
42.5°	18901.1	19165.0	17984.9	15258.9	14131.5	14191.8	14572.6	15338.0	15300.3	16080.8	18392.1
44°	19278.1	19436.5	18297.8	15292.8	14538.7	15021.3	15918.7	16405.1	15869.7	16031.8	18373.2
45°	19263.0	19274.3	17852.9	15338.0	14885.6	15715.1	16518.2	17340.1	16371.1	15926.2	18622.1
47.5°	18821.9	18693.7	17475.9	15002.5	15967.7	17547.5	18290.3	18788.0	16989.5	15700.0	18312.9
50°	17950.9	17803.9	16559.7	14859.2	16193.9	18686.2	19711.7	19892.7	17551.3	15477.5	18007.5
52.5°	18011.3	17969.8	16819.8	15074.1	16420.1	19044.4	20688.3	20733.5	18188.5	15945.1	18011.3
55°	19089.6	18946.3	17566.4	15341.8	16254.2	18625.8	20066.1	19987.0	17973.6	15662.3	18343.1
57.5°	17468.3	17562.6	16533.3	14282.3	14225.8	15142.0	15775.4	15579.3	14998.7	14135.3	17064.9
60°	14093.8	14361.5	14459.5	11944.7	10734.4	10263.1	10074.5	9727.7	9825.7	11612.9	14991.2
62.5°	12087.9	12072.9	12687.4	10828.6	7031.8	6047.7	5957.3	6036.4	7167.6	11431.9	14682.0
65°	9584.4	9840.8	10029.3	9177.2	5565.1	4490.6	4486.8	4988.3	6202.3	9554.2	11854.2
67.5°	6085.4	6421.0	6654.8	5870.5	3721.4	3197.3	3110.6	3713.9	4298.3	6266.4	7137.4
70°	3431.1	3589.4	3695.0	3385.8	2367.8	1659.0	1561.0	1704.2	2597.8	4057.0	4230.4
72.5°	1323.4	1395.1	1538.3	1549.6	893.6	535.4	433.6	520.3	1093.4	1606.2	1530.8
75°	203.6	218.7	309.2	369.5	256.4	196.1	207.4	214.9	305.4	414.7	346.9
77.5°	98.0	98.0	94.3	109.3	128.2	139.5	150.8	165.9	181.0	199.8	192.3
80°	64.1	64.1	64.1	75.4	94.3	113.1	128.2	135.7	143.3	158.4	150.8
82.5°	41.5	41.5	41.5	56.6	75.4	94.3	101.8	120.7	135.7	158.4	147.0
85°	22.6	22.6	22.6	37.7	56.6	79.2	75.4	60.3	33.9	3.8	7.5
87.5°	7.5	7.5	7.5	7.5	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°	11518.6	11518.6	11518.6	11518.6	11518.6	11518.6	11518.6	11518.6	11518.6	11518.6	11518.6
2.5°	11854.2	11680.7	11665.7	11311.2	10994.5	10839.9	10715.5	10368.6	10444.0	10244.2	10240.4
5°	11281.1	10926.7	10353.6	9882.3	9410.9	9316.7	8905.7	8547.5	8558.8	8302.4	8347.7
7.5°	10251.8	10006.7	9309.1	8570.1	7944.3	7499.3	7111.0	6877.2	6579.4	6477.6	6424.8
10°	9599.5	9297.8	8513.6	7586.1	6884.8	6647.2	6274.0	6066.6	5761.2	5610.4	5504.8
12.5°	9312.9	8871.8	7891.5	6948.9	6481.3	6236.3	5919.5	5542.5	5180.5	5041.0	4848.8
15°	9343.1	8815.2	7710.5	6692.5	6130.7	5655.6	5372.8	4954.3	4584.8	4339.7	4200.2
17.5°	9799.3	9158.3	7793.4	6496.4	5689.6	5093.8	4539.6	4087.1	3793.0	3608.3	3563.0
20°	10877.6	10006.7	7932.9	6179.7	5248.4	4505.6	3823.2	3351.9	3125.7	3121.9	3125.7
22.5°	11775.0	10911.6	8215.7	5991.2	4807.3	3751.6	3072.9	2922.1	2876.8	2971.1	2982.4
25°	12985.3	11929.6	8702.1	5893.2	4400.1	3197.3	2778.8	2722.2	2718.5	2839.1	2842.9
27.5°	14225.8	12819.4	8992.4	5606.6	3985.3	2910.8	2601.6	2590.3	2650.6	2778.8	2767.5
30°	15070.3	13565.9	9516.5	5263.5	3495.2	2658.1	2529.9	2545.0	2628.0	2726.0	2741.1
32.5°	16054.4	14301.2	9652.3	5075.0	3193.5	2447.0	2356.5	2390.4	2496.0	2650.6	2733.5
35°	17181.8	14821.5	9859.6	4818.6	3080.4	2284.9	2239.6	2277.3	2405.5	2507.3	2597.8
37.5°	18015.0	15741.5	9897.3	4618.8	2956.0	2194.4	2122.7	2247.2	2322.6	2465.8	2511.1
40°	18633.4	16408.8	9995.4	4494.3	2858.0	2077.5	2077.5	2160.4	2262.2	2394.2	2484.7
42.5°	19029.3	16895.2	10067.0	4381.2	2669.5	2043.6	2024.7	2107.7	2243.4	2371.6	2413.1
44°	19270.6	17102.6	9995.4	4275.6	2616.7	2002.1	2002.1	2073.7	2179.3	2330.1	2379.1
45°	19330.9	17362.7	9837.0	4271.9	2552.6	1953.1	1945.5	2081.3	2152.9	2337.7	2367.8
47.5°	19564.7	17683.2	9855.9	4151.2	2398.0	1836.2	1968.2	2028.5	2092.6	2254.7	2356.5
50°	19557.1	17883.1	9814.4	3974.0	2284.9	1704.2	1922.9	1990.8	2054.9	2220.8	2262.2
52.5°	19609.9	18629.6	10195.2	3691.2	2081.3	1534.6	1772.1	1922.9	2002.1	2141.6	2228.3
55°	19583.5	19055.7	10572.2	3480.1	1794.7	1432.8	1643.9	1821.1	1934.2	2081.3	2122.7
57.5°	17886.8	16842.4	9784.2	3084.2	1485.5	1312.1	1462.9	1715.5	1858.8	2009.6	2062.4
60°	14614.1	12981.5	8068.7	2269.8	1221.6	1206.5	1361.1	1681.6	1741.9	1873.9	1964.4
62.5°	13505.6	11386.6	6398.4	1734.4	1044.4	1104.7	1255.5	1519.5	1613.7	1775.9	1858.8
65°	10568.5	7563.4	3962.7	1172.6	920.0	991.6	1134.9	1331.0	1485.5	1636.4	1734.4
67.5°	6258.9	4132.4	1960.6	821.9	803.1	878.5	1025.6	1172.6	1349.8	1515.7	1564.7
70°	3408.5	2032.3	837.0	625.9	682.4	750.3	893.6	995.4	1165.1	1293.3	1376.2
72.5°	1093.4	618.3	418.5	463.8	520.3	599.5	686.2	810.6	931.3	1006.7	1074.6
75°	263.9	260.2	297.9	324.3	377.0	437.4	509.0	573.1	667.4	739.0	799.3
77.5°	184.8	199.8	230.0	267.7	286.6	309.2	354.4	403.4	444.9	497.7	535.4
80°	143.3	154.6	177.2	196.1	214.9	233.8	256.4	275.2	301.6	335.6	354.4
82.5°	135.7	143.3	165.9	177.2	169.7	165.9	181.0	188.5	192.3	203.6	214.9
85°	11.3	0.0	7.5	26.4	64.1	94.3	101.8	101.8	98.0	105.6	105.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	15.1	11.3
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°	11518.6	11518.6	11518.6	11518.6	11518.6	11518.6	11518.6	11518.6	11518.6	11518.6	11518.6
2.5°	10195.2	10067.0	10116.0	10176.3	10089.6	9889.8	9942.6	9920.0	10123.6	10108.5	10312.1
5°	8547.5	8347.7	8370.3	8664.4	8570.1	8671.9	8468.3	8442.0	8479.7	8498.5	8532.4
7.5°	6541.7	6515.3	6741.5	6990.3	7107.2	6986.6	6786.7	6741.5	6700.0	6617.1	6805.6
10°	5338.9	5346.4	5331.4	5519.9	5651.8	5625.5	5504.8	5489.7	5410.5	5380.4	5485.9
12.5°	4765.8	4664.0	4615.0	4554.7	4656.5	4724.3	4671.5	4633.8	4637.6	4675.3	4690.4
15°	4211.6	4147.5	4041.9	3974.0	4023.0	3989.1	3970.2	4045.7	4026.8	4019.3	4109.7
17.5°	3589.4	3642.2	3634.7	3559.3	3623.4	3597.0	3593.2	3540.4	3468.8	3416.0	3446.2
20°	3178.5	3276.5	3351.9	3355.7	3389.6	3385.8	3329.3	3167.1	3114.4	3103.0	3110.6
22.5°	3031.4	3084.2	3174.7	3302.9	3302.9	3242.6	3174.7	2986.2	2937.2	2884.4	2861.7
25°	2914.5	3016.3	3133.2	3148.3	3208.6	3152.1	3042.7	2948.5	2846.7	2775.0	2775.0
27.5°	2854.2	2967.3	3054.0	3080.4	3163.4	3118.1	3005.0	2884.4	2763.7	2759.9	2695.8
30°	2827.8	2933.4	2989.9	3054.0	3091.7	3020.1	2986.2	2858.0	2737.3	2707.2	2601.6
32.5°	2748.6	2899.4	3005.0	2989.9	3020.1	2989.9	2940.9	2835.4	2699.6	2631.7	2620.4
35°	2658.1	2809.0	2922.1	3001.2	3020.1	2956.0	2925.8	2782.6	2597.8	2563.9	2447.0
37.5°	2609.1	2699.6	2839.1	2967.3	2993.7	2959.8	2858.0	2710.9	2526.2	2488.5	2386.7
40°	2548.8	2665.7	2775.0	2880.6	2959.8	2876.8	2759.9	2616.7	2533.7	2420.6	2390.4
42.5°	2503.6	2635.5	2726.0	2842.9	2933.4	2824.0	2688.3	2590.3	2473.4	2398.0	2311.3
44°	2488.5	2609.1	2669.5	2812.7	2888.1	2805.2	2692.1	2590.3	2454.5	2386.7	2311.3
45°	2435.7	2601.6	2665.7	2793.9	2858.0	2790.1	2646.8	2545.0	2447.0	2364.0	2284.9
47.5°	2382.9	2496.0	2605.4	2707.2	2752.4	2729.8	2609.1	2484.7	2367.8	2318.8	2243.4
50°	2367.8	2480.9	2582.7	2677.0	2729.8	2684.5	2575.2	2454.5	2318.8	2239.6	2175.5
52.5°	2292.4	2431.9	2545.0	2575.2	2643.1	2616.7	2533.7	2401.8	2273.6	2205.7	2152.9
55°	2183.1	2330.1	2484.7	2522.4	2620.4	2579.0	2454.5	2330.1	2220.8	2119.0	2051.1
57.5°	2141.6	2284.9	2435.7	2484.7	2545.0	2477.2	2447.0	2315.0	2141.6	2088.8	1983.2
60°	2036.0	2217.0	2341.4	2454.5	2458.3	2439.5	2386.7	2235.9	2092.6	1994.5	1919.1
62.5°	1953.1	2122.7	2220.8	2326.3	2390.4	2337.7	2284.9	2145.4	1990.8	1881.4	1794.7
65°	1832.4	1987.0	2070.0	2134.1	2205.7	2198.2	2107.7	2005.9	1843.7	1757.0	1674.1
67.5°	1647.7	1783.4	1896.5	1956.8	2002.1	1990.8	1922.9	1851.3	1685.4	1598.7	1538.3
70°	1425.2	1564.7	1636.4	1670.3	1715.5	1738.2	1685.4	1651.4	1504.4	1391.3	1334.7
72.5°	1146.2	1236.7	1342.3	1372.4	1391.3	1406.4	1406.4	1376.2	1225.4	1180.1	1082.1
75°	844.6	916.2	995.4	995.4	1029.3	1033.1	1040.6	1021.8	908.7	848.3	825.7
77.5°	573.1	625.9	690.0	716.4	739.0	735.2	731.5	678.7	618.3	592.0	569.3
80°	373.3	426.1	456.2	490.2	512.8	509.0	516.5	478.8	452.4	407.2	414.7
82.5°	222.5	263.9	294.1	335.6	335.6	346.9	346.9	335.6	309.2	286.6	286.6
85°	105.6	139.5	158.4	184.8	199.8	203.6	181.0	154.6	128.2	116.9	128.2
87.5°	18.9	26.4	37.7	33.9	41.5	37.7	37.7	37.7	37.7	30.2	33.9
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: P533540

CATALOG NUMBER: GALN-SA9A-727-U-SLL-GRSWH

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	11518.6	11518.6	11518.6	11518.6	11518.6	11518.6	11518.6	11518.6	11518.6	11518.6
2.5°	10236.7	10425.2	10557.2	10775.8	11152.9	11454.5	11763.7	11993.7	12020.1	12087.9
5°	8656.9	8758.7	9094.2	9531.6	9840.8	10349.8	10677.8	11273.5	11496.0	11733.5
7.5°	6760.3	6926.2	7374.9	7669.0	8347.7	8984.9	9644.7	10379.9	10674.0	10708.0
10°	5700.9	5942.2	6247.6	6718.9	7088.4	7797.2	8619.2	9437.3	9765.4	9821.9
12.5°	5007.1	5316.3	5723.5	6062.8	6417.2	7035.6	7823.6	8834.1	9260.1	9516.5
15°	4339.7	4660.2	5108.9	5580.2	5893.2	6632.2	7559.7	8698.3	9252.6	9478.8
17.5°	3653.5	3951.4	4320.9	4829.9	5459.6	6289.0	7518.2	9150.8	9757.8	10021.8
20°	3065.3	3231.2	3661.1	4185.2	4973.2	5938.4	7533.3	9818.2	10708.0	10824.9
22.5°	2835.4	2873.1	3042.7	3525.3	4388.8	5580.2	7801.0	10764.5	11775.0	12159.6
25°	2658.1	2650.6	2695.8	3020.1	3962.7	5440.7	8064.9	11635.5	12958.9	13377.4
27.5°	2560.1	2484.7	2488.5	2793.9	3661.1	5214.5	8404.2	12634.7	14301.2	14485.9
30°	2511.1	2496.0	2450.8	2575.2	3333.0	4875.1	8460.8	13618.7	15093.0	15360.7
32.5°	2480.9	2333.9	2277.3	2322.6	3023.9	4505.6	8671.9	14267.2	16073.3	15956.4
35°	2330.1	2198.2	2160.4	2205.7	2805.2	4298.3	8532.4	14832.8	16808.5	17004.6
37.5°	2273.6	2156.7	2081.3	2043.6	2601.6	4124.8	8460.8	15703.8	17521.1	17992.4
40°	2220.8	2096.3	2005.9	1968.2	2443.2	3894.8	8438.2	16374.9	18343.1	18625.8
42.5°	2160.4	2081.3	1979.5	1911.6	2250.9	3664.8	8178.0	16582.3	18595.7	18901.1
44°	2141.6	2020.9	1915.4	1892.7	2175.5	3548.0	8125.2	16770.8	18814.4	19278.1
45°	2122.7	2009.6	1889.0	1858.8	2149.1	3483.9	8053.6	16816.0	19176.3	19263.0
47.5°	2070.0	1998.3	1881.4	1798.5	2092.6	3344.4	7838.7	16559.7	18806.8	18821.9
50°	2028.5	1945.5	1824.9	1662.8	2017.2	3227.5	7936.7	16465.4	17917.0	17950.9
52.5°	1983.2	1858.8	1790.9	1511.9	1892.7	3129.4	8144.1	16891.4	18018.8	18011.3
55°	1930.5	1794.7	1628.8	1383.7	1685.4	3005.0	8645.6	17732.2	18961.4	19089.6
57.5°	1847.5	1730.6	1493.1	1270.6	1447.8	2767.5	8483.4	16122.3	17445.7	17468.3
60°	1738.2	1628.8	1353.6	1183.9	1187.7	2183.1	7586.1	12563.0	13765.8	14093.8
62.5°	1632.6	1572.3	1236.7	1059.5	1010.5	1738.2	6413.5	10440.3	11816.5	12087.9
65°	1508.2	1361.1	1134.9	965.2	867.2	1217.8	4543.3	7801.0	9218.7	9584.4
67.5°	1349.8	1191.5	999.2	848.3	742.8	814.4	2345.2	4434.0	5870.5	6085.4
70°	1180.1	1033.1	840.8	716.4	599.5	561.8	1033.1	2115.2	3208.6	3431.1
72.5°	969.0	833.3	671.1	565.6	448.7	388.4	346.9	565.6	1138.7	1323.4
75°	701.3	607.0	505.2	403.4	316.7	248.8	203.6	169.7	188.5	203.6
77.5°	516.5	441.1	373.3	286.6	222.5	177.2	139.5	105.6	101.8	98.0
80°	403.4	358.2	297.9	230.0	173.4	132.0	98.0	71.6	64.1	64.1
82.5°	316.7	294.1	245.1	188.5	143.3	105.6	71.6	49.0	41.5	41.5
85°	120.7	120.7	177.2	154.6	109.3	75.4	49.0	26.4	22.6	22.6
87.5°	30.2	30.2	30.2	30.2	26.4	22.6	22.6	11.3	7.5	7.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)