

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: P648545

Luminaire Tested: **GALN-SA7B-835-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P648545
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-SA7B-835-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 80 CRI, 3500K, 800mA 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: 23111.8 lumens
Efficiency: N/A
Efficacy: 80.8 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

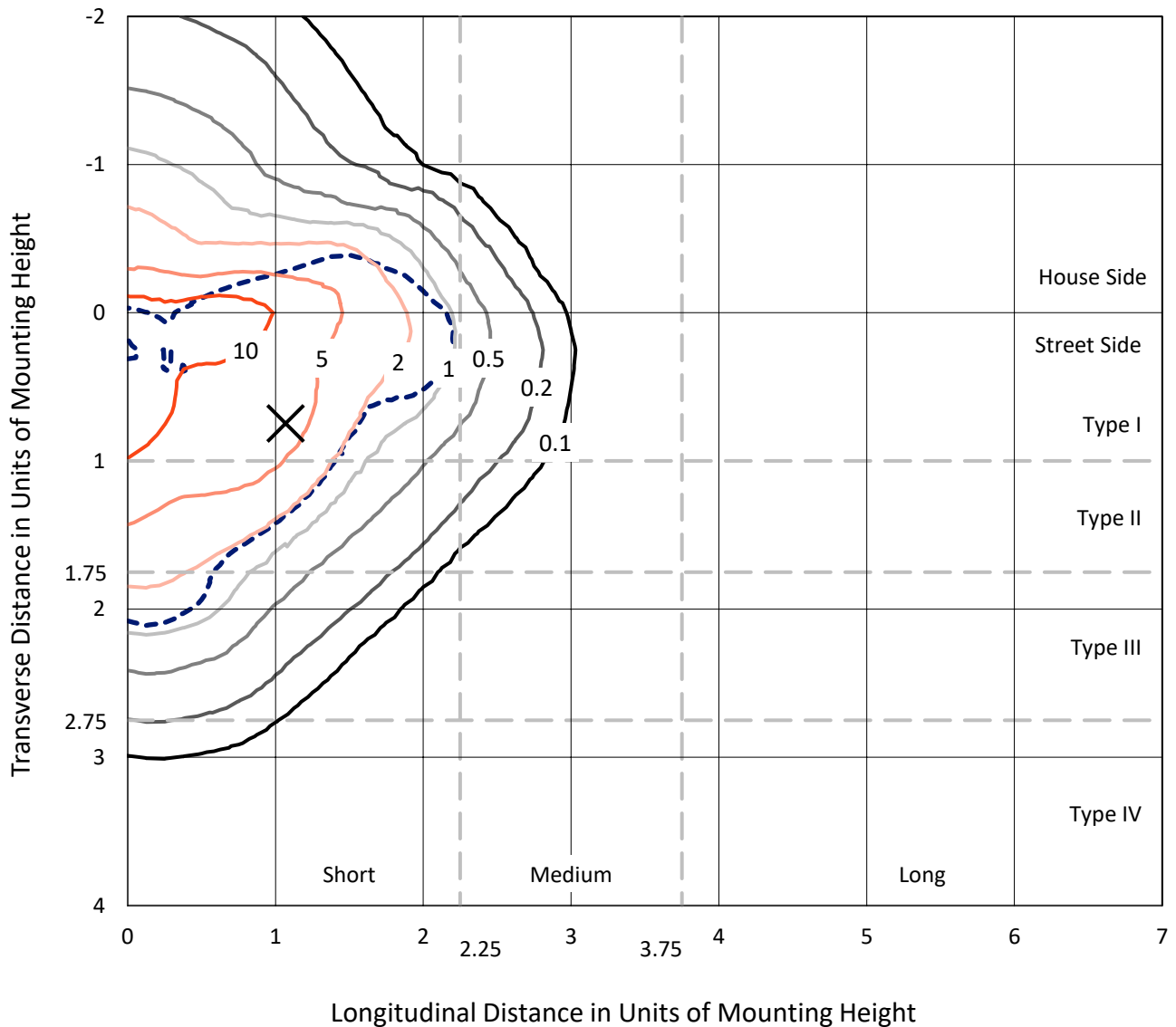
Input Watts (W): 286
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

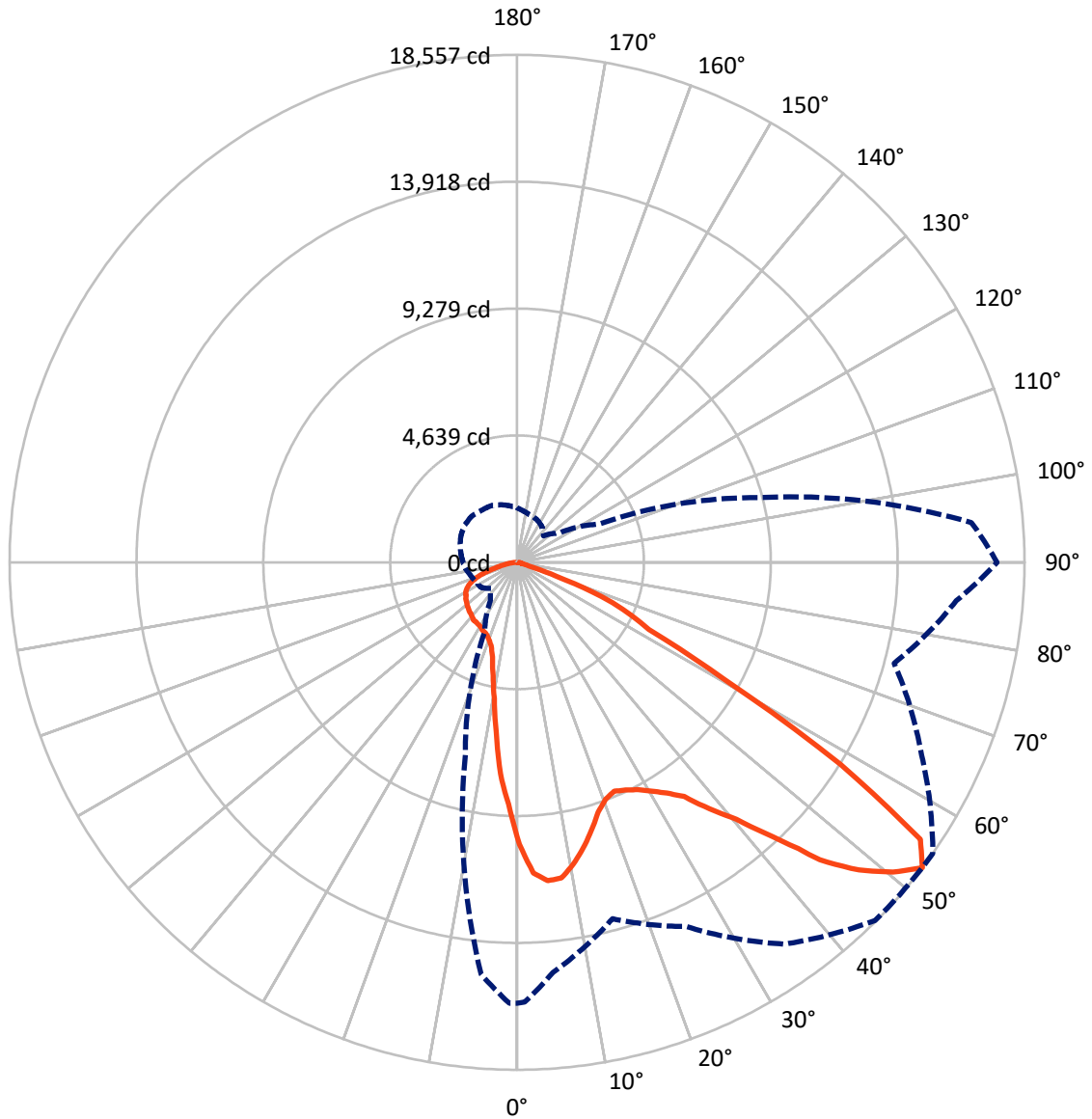
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 17.5 fc
 Type II - Short - N/A

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CATALOG NUMBER: GALN-SA7B-835-U-SLL-GRSWH

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	7050.4	0.0	7050.4
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	16061.4	0.0	16061.4
	% Fixture	69.5	0.0	69.5
Total	Lumens	23111.8	0.0	23111.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	787.6	3.4
10°-20°	1698.2	7.3
20°-30°	2575.1	11.1
30°-40°	3720.6	16.1
40°-50°	4971.8	21.5
50°-60°	5549.6	24.0
60°-70°	3044.2	13.2
70°-80°	658.2	2.8
80°-90°	106.5	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°	23111.8	100.0
0°-180°	23111.8	100.0

Coefficient of Utilization



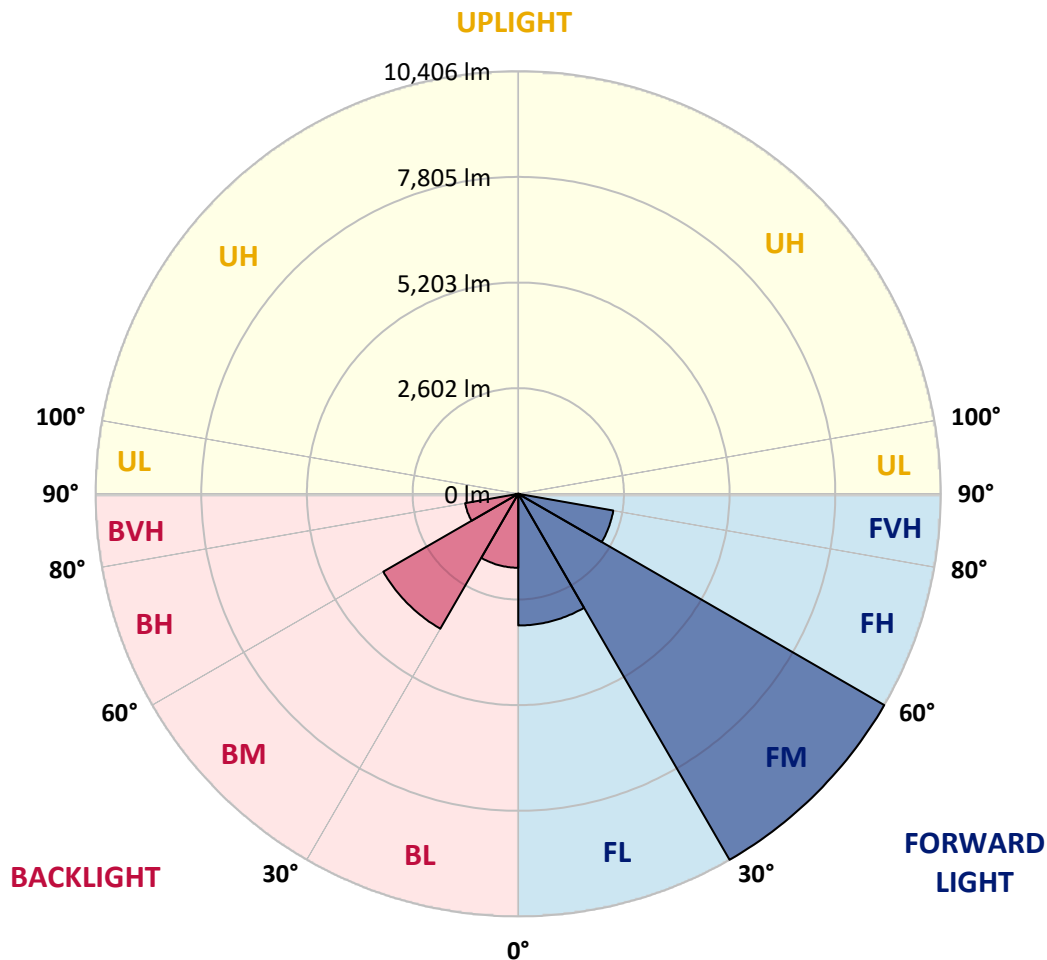
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3240.7	14.0			
FM (30°-60°)	10406.0	45.0			
FH (60°-80°)	2375.3	10.3			G2/5000
FVH (80°-90°)	39.4	0.2			G1/100
BL (0°-30°)	1820.3	7.9	B3/2500		
BM (30°-60°)	3836.0	16.6	B3/5000		
BH (60°-80°)	1327.0	5.7	B3/2500		G3/2500
BVH (80°-90°)	67.1	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





REPORT NUMBER: P648545

CATALOG NUMBER: GALN-SA7B-835-U-SLL-GRSWH

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	10309.7	10309.7	10309.7	10309.7	10309.7	10309.7	10309.7	10309.7	10309.7	10309.7	10309.7
2.5°	10819.3	10758.5	10812.4	11069.0	11217.4	11318.7	11382.8	11372.7	11129.7	10893.5	10893.5
5°	10502.0	10424.4	10535.7	11116.2	11700.1	11750.6	11835.0	11696.7	11338.9	10907.0	10367.0
7.5°	9584.1	9641.5	9827.0	10589.8	11349.0	11730.4	11831.6	11656.1	11075.7	10269.1	9476.1
10°	8791.1	8926.0	9354.7	10178.1	10876.6	11372.7	11484.0	11237.7	10778.7	9789.9	9081.2
12.5°	8517.7	8433.3	8909.1	9732.6	10400.7	10667.4	10718.0	10734.9	10424.4	9547.0	8683.1
15°	8484.0	8537.9	8909.1	9533.5	9945.2	9958.7	10043.1	10174.7	10215.2	9712.3	8868.6
17.5°	8969.9	8905.8	9287.2	9783.2	9587.4	9391.8	9412.0	9601.0	9935.1	9854.1	9452.5
20°	9688.7	9833.9	10134.1	10083.6	9557.1	9061.0	9064.4	9243.2	9901.3	10441.3	10265.8
22.5°	10883.4	11025.1	11247.8	10637.0	9557.1	8963.2	8848.4	9091.4	10117.3	11139.8	11183.7
25°	11973.4	12233.2	12294.0	11575.2	10036.3	9054.3	8980.0	9219.7	10333.3	11821.5	12236.6
27.5°	12965.5	13060.0	13326.7	12179.3	10302.9	9115.0	9108.2	9415.3	10606.6	12162.3	13178.1
30°	13748.5	13738.4	13890.2	12560.6	10728.1	9455.9	9128.5	9709.0	10964.3	12725.9	14048.8
32.5°	14281.7	14396.4	14717.0	13090.4	10907.0	9779.8	9523.3	10053.2	11399.7	12992.6	14663.0
35°	15219.8	15418.9	15013.9	13384.0	11473.9	10100.4	9800.1	10522.3	11615.6	13282.7	15415.5
37.5°	16104.0	15952.1	15540.4	13542.6	11841.8	10694.4	10414.3	11430.1	12287.2	13913.8	15915.0
40°	16670.9	16667.6	15935.2	13670.9	12101.6	11602.2	11585.3	12351.4	13110.6	14312.1	16475.2
42.5°	16917.3	17153.5	16097.2	13657.3	12648.3	12702.3	13043.1	13728.2	13694.4	14393.0	16461.7
44°	17254.7	17396.5	16377.3	13687.7	13012.8	13444.7	14247.9	14683.2	14204.0	14349.2	16444.8
45°	17241.3	17251.4	15979.2	13728.2	13323.2	14065.7	14784.4	15520.2	14652.9	14254.7	16667.6
47.5°	16846.4	16731.7	15641.7	13427.8	14291.8	15705.8	16370.6	16816.0	15206.3	14052.2	16390.9
50°	16066.8	15935.2	14821.6	13299.6	14494.3	16725.0	17642.9	17804.8	15709.2	13853.1	16117.5
52.5°	16120.9	16083.8	15054.4	13492.0	14696.8	17045.5	18516.9	18557.4	16279.4	14271.5	16120.9
55°	17086.0	16957.7	15722.6	13731.5	14548.2	16670.9	17960.1	17889.2	16087.1	14018.4	16417.9
57.5°	15634.9	15719.3	14798.0	12783.3	12732.7	13552.7	14119.7	13944.2	13424.5	12651.7	15273.8
60°	12614.6	12854.2	12941.9	10691.0	9607.7	9185.9	9017.2	8706.6	8794.4	10394.0	13417.7
62.5°	10819.3	10805.7	11355.8	9692.1	6293.8	5413.0	5332.0	5402.9	6415.3	10232.0	13141.0
65°	8578.5	8807.9	8976.6	8214.0	4981.1	4019.2	4015.9	4464.7	5551.4	8551.5	10610.0
67.5°	5446.7	5747.1	5956.3	5254.4	3330.8	2861.7	2784.1	3324.1	3847.1	5608.7	6388.3
70°	3070.9	3212.7	3307.2	3030.4	2119.3	1484.9	1397.1	1525.4	2325.1	3631.2	3786.4
72.5°	1184.5	1248.7	1376.9	1387.0	799.8	479.2	388.1	465.7	978.7	1437.6	1370.1
75°	182.2	195.8	276.7	330.7	229.5	175.5	185.6	192.4	273.3	371.2	310.5
77.5°	87.8	87.8	84.3	97.9	114.7	124.9	135.0	148.5	162.0	178.8	172.1
80°	57.4	57.4	57.4	67.5	84.3	101.2	114.7	121.5	128.3	141.7	135.0
82.5°	37.1	37.1	37.1	50.6	67.5	84.3	91.1	108.0	121.5	141.7	131.6
85°	20.3	20.3	20.3	33.7	50.6	70.9	67.5	54.0	30.4	3.4	6.7
87.5°	6.7	6.7	6.7	6.7	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



REPORT NUMBER: P648545

CATALOG NUMBER: GALN-SA7B-835-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	10309.7	10309.7	10309.7	10309.7	10309.7	10309.7	10309.7	10309.7	10309.7	10309.7	10309.7
2.5°	10610.0	10454.8	10441.3	10124.0	9840.6	9702.2	9590.8	9280.4	9347.8	9169.0	9165.6
5°	10097.0	9779.8	9266.9	8845.1	8423.2	8338.9	7971.0	7650.4	7660.6	7431.1	7471.5
7.5°	9175.7	8956.4	8332.1	7670.7	7110.4	6712.3	6364.6	6155.4	5888.8	5797.7	5750.4
10°	8591.9	8322.0	7620.0	6789.9	6162.1	5949.5	5615.4	5429.9	5156.5	5021.5	4927.0
12.5°	8335.5	7940.6	7063.2	6219.5	5801.1	5581.7	5298.2	4960.8	4636.8	4512.0	4339.9
15°	8362.4	7890.0	6901.2	5990.0	5487.3	5062.0	4809.0	4434.4	4103.6	3884.2	3759.4
17.5°	8770.8	8197.1	6975.4	5814.6	5092.4	4559.2	4063.1	3658.2	3394.9	3229.6	3189.1
20°	9736.0	8956.4	7100.3	5531.1	4697.5	4032.8	3421.9	3000.1	2797.6	2794.2	2797.6
22.5°	10539.1	9766.4	7353.5	5362.4	4302.7	3357.8	2750.4	2615.4	2574.9	2659.2	2669.4
25°	11622.4	10677.5	7788.7	5274.6	3938.3	2861.7	2487.1	2436.5	2433.2	2541.1	2544.5
27.5°	12732.7	11473.9	8048.6	5018.2	3567.0	2605.3	2328.6	2318.4	2372.4	2487.1	2477.0
30°	13488.6	12142.1	8517.7	4711.1	3128.3	2379.1	2264.4	2277.9	2352.1	2439.9	2453.4
32.5°	14369.4	12800.2	8639.2	4542.3	2858.3	2190.2	2109.2	2139.5	2234.1	2372.4	2446.6
35°	15378.4	13265.9	8824.8	4312.8	2757.1	2045.0	2004.6	2038.3	2153.0	2244.2	2325.1
37.5°	16124.2	14089.3	8858.5	4134.0	2645.8	1964.1	1899.9	2011.3	2078.8	2207.0	2247.5
40°	16677.7	14686.7	8946.2	4022.6	2558.0	1859.5	1859.5	1933.7	2024.8	2142.9	2224.0
42.5°	17032.1	15121.9	9010.4	3921.3	2389.2	1829.1	1812.2	1886.5	2007.9	2122.7	2159.8
44°	17248.0	15307.6	8946.2	3826.9	2342.0	1792.0	1792.0	1856.1	1950.5	2085.5	2129.4
45°	17302.0	15540.4	8804.5	3823.5	2284.6	1748.0	1741.3	1862.8	1927.0	2092.3	2119.3
47.5°	17511.2	15827.2	8821.4	3715.5	2146.3	1643.4	1761.6	1815.5	1872.9	2018.0	2109.2
50°	17504.5	16006.1	8784.3	3556.9	2045.0	1525.4	1721.1	1781.8	1839.2	1987.7	2024.8
52.5°	17551.7	16674.3	9125.2	3303.8	1862.8	1373.5	1586.1	1721.1	1792.0	1916.8	1994.5
55°	17528.1	17055.6	9462.6	3114.9	1606.3	1282.4	1471.3	1630.0	1731.2	1862.8	1899.9
57.5°	16009.5	15074.7	8757.3	2760.5	1329.6	1174.4	1309.4	1535.5	1663.7	1798.7	1845.9
60°	13080.2	11619.0	7221.8	2031.6	1093.4	1079.9	1218.3	1505.1	1559.1	1677.2	1758.2
62.5°	12088.1	10191.5	5726.9	1552.4	934.8	988.8	1123.8	1360.0	1444.4	1589.5	1663.7
65°	9459.3	6769.6	3546.8	1049.5	823.4	887.5	1015.8	1191.3	1329.6	1464.6	1552.4
67.5°	5602.0	3698.7	1754.9	735.7	718.8	786.3	917.9	1049.5	1208.2	1356.6	1400.5
70°	3050.7	1819.0	749.2	560.2	610.8	671.6	799.8	890.9	1042.8	1157.5	1231.7
72.5°	978.7	553.4	374.6	415.1	465.7	536.6	614.2	725.5	833.6	901.1	961.8
75°	236.2	232.9	266.6	290.3	337.5	391.5	455.5	512.9	597.4	661.4	715.4
77.5°	165.4	178.8	205.9	239.6	256.5	276.7	317.2	361.1	398.2	445.4	479.2
80°	128.3	138.4	158.6	175.5	192.4	209.2	229.5	246.3	270.0	300.4	317.2
82.5°	121.5	128.3	148.5	158.6	151.8	148.5	162.0	168.7	172.1	182.2	192.4
85°	10.1	0.0	6.7	23.6	57.4	84.3	91.1	91.1	87.8	94.5	94.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	13.5	10.1
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: P648545

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CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	10309.7	10309.7	10309.7	10309.7	10309.7	10309.7	10309.7	10309.7	10309.7	10309.7	10309.7
2.5°	9125.2	9010.4	9054.3	9108.2	9030.7	8851.8	8899.0	8878.8	9061.0	9047.5	9229.8
5°	7650.4	7471.5	7491.8	7755.0	7670.7	7761.8	7579.5	7556.0	7589.7	7606.5	7636.9
7.5°	5855.0	5831.5	6034.0	6256.6	6361.2	6253.3	6074.4	6034.0	5996.8	5922.5	6091.3
10°	4778.6	4785.3	4771.8	4940.6	5058.6	5035.0	4927.0	4913.6	4842.7	4815.7	4910.2
12.5°	4265.6	4174.5	4130.6	4076.6	4167.8	4228.5	4181.2	4147.5	4150.8	4184.6	4198.1
15°	3769.5	3712.1	3617.7	3556.9	3600.8	3570.4	3553.6	3621.1	3604.1	3597.4	3678.4
17.5°	3212.7	3259.9	3253.2	3185.7	3243.1	3219.5	3216.1	3168.8	3104.7	3057.5	3084.5
20°	2844.9	2932.6	3000.1	3003.4	3033.8	3030.4	2979.9	2834.7	2787.5	2777.4	2784.1
22.5°	2713.3	2760.5	2841.5	2956.2	2956.2	2902.2	2841.5	2672.8	2628.8	2581.6	2561.3
25°	2608.6	2699.8	2804.4	2817.9	2871.9	2821.2	2723.4	2639.0	2547.9	2483.8	2483.8
27.5°	2554.6	2655.9	2733.5	2757.1	2831.3	2790.8	2689.6	2581.6	2473.7	2470.3	2412.9
30°	2531.0	2625.5	2676.1	2733.5	2767.3	2703.2	2672.8	2558.0	2450.0	2423.0	2328.6
32.5°	2460.1	2595.1	2689.6	2676.1	2703.2	2676.1	2632.3	2537.8	2416.3	2355.5	2345.4
35°	2379.1	2514.1	2615.4	2686.2	2703.2	2645.8	2618.7	2490.5	2325.1	2294.8	2190.2
37.5°	2335.3	2416.3	2541.1	2655.9	2679.5	2649.1	2558.0	2426.4	2261.1	2227.3	2136.2
40°	2281.3	2385.9	2483.8	2578.3	2649.1	2574.9	2470.3	2342.0	2267.8	2166.6	2139.5
42.5°	2240.8	2358.9	2439.9	2544.5	2625.5	2527.6	2406.2	2318.4	2213.8	2146.3	2068.7
44°	2227.3	2335.3	2389.2	2517.5	2585.0	2510.8	2409.5	2318.4	2196.9	2136.2	2068.7
45°	2180.0	2328.6	2385.9	2500.7	2558.0	2497.3	2369.0	2277.9	2190.2	2115.9	2045.0
47.5°	2132.8	2234.1	2331.9	2423.0	2463.6	2443.3	2335.3	2224.0	2119.3	2075.4	2007.9
50°	2119.3	2220.5	2311.7	2396.1	2443.3	2402.8	2304.9	2196.9	2075.4	2004.6	1947.2
52.5°	2051.8	2176.7	2277.9	2304.9	2365.7	2342.0	2267.8	2149.6	2034.9	1974.2	1927.0
55°	1954.0	2085.5	2224.0	2257.6	2345.4	2308.3	2196.9	2085.5	1987.7	1896.6	1835.8
57.5°	1916.8	2045.0	2180.0	2224.0	2277.9	2217.1	2190.2	2072.1	1916.8	1869.6	1775.1
60°	1822.4	1984.3	2095.7	2196.9	2200.3	2183.4	2136.2	2001.2	1872.9	1785.2	1717.7
62.5°	1748.0	1899.9	1987.7	2082.2	2139.5	2092.3	2045.0	1920.2	1781.8	1684.0	1606.3
65°	1640.1	1778.4	1852.7	1910.1	1974.2	1967.4	1886.5	1795.3	1650.3	1572.6	1498.3
67.5°	1474.7	1596.2	1697.5	1751.5	1792.0	1781.8	1721.1	1657.0	1508.4	1430.9	1376.9
70°	1275.7	1400.5	1464.6	1495.0	1535.5	1555.7	1508.4	1478.1	1346.5	1245.3	1194.6
72.5°	1025.9	1106.9	1201.4	1228.4	1245.3	1258.8	1258.8	1231.7	1096.7	1056.3	968.6
75°	755.9	820.0	890.9	890.9	921.3	924.6	931.4	914.5	813.3	759.3	739.1
77.5°	512.9	560.2	617.6	641.2	661.4	658.0	654.7	607.5	553.4	529.9	509.6
80°	334.1	381.3	408.3	438.7	459.0	455.5	462.4	428.6	405.0	364.5	371.2
82.5°	199.1	236.2	263.2	300.4	300.4	310.5	310.5	300.4	276.7	256.5	256.5
85°	94.5	124.9	141.7	165.4	178.8	182.2	162.0	138.4	114.7	104.6	114.7
87.5°	16.8	23.6	33.7	30.4	37.1	33.7	33.7	33.7	33.7	27.0	30.4
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: P648545

CATALOG NUMBER: GALN-SA7B-835-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	10309.7	10309.7	10309.7	10309.7	10309.7	10309.7	10309.7	10309.7	10309.7	10309.7
2.5°	9162.3	9331.0	9449.1	9644.8	9982.3	10252.3	10529.0	10734.9	10758.5	10819.3
5°	7748.3	7839.4	8139.8	8531.2	8807.9	9263.5	9557.1	10090.3	10289.4	10502.0
7.5°	6050.8	6199.3	6600.8	6864.1	7471.5	8041.9	8632.4	9290.5	9553.7	9584.1
10°	5102.5	5318.5	5591.9	6013.7	6344.4	6978.9	7714.5	8446.8	8740.4	8791.1
12.5°	4481.6	4758.3	5122.8	5426.5	5743.7	6297.1	7002.4	7906.9	8288.2	8517.7
15°	3884.2	4171.1	4572.7	4994.5	5274.6	5936.1	6766.2	7785.4	8281.5	8484.0
17.5°	3270.0	3536.7	3867.4	4322.9	4886.5	5629.0	6729.1	8190.3	8733.7	8969.9
20°	2743.6	2892.1	3276.9	3745.9	4451.2	5315.2	6742.6	8787.7	9584.1	9688.7
22.5°	2537.8	2571.5	2723.4	3155.3	3928.2	4994.5	6982.2	9634.7	10539.1	10883.4
25°	2379.1	2372.4	2412.9	2703.2	3546.8	4869.6	7218.5	10414.3	11598.8	11973.4
27.5°	2291.4	2224.0	2227.3	2500.7	3276.9	4667.1	7522.2	11308.6	12800.2	12965.5
30°	2247.5	2234.1	2193.6	2304.9	2983.2	4363.5	7572.8	12189.4	13508.9	13748.5
32.5°	2220.5	2089.0	2038.3	2078.8	2706.5	4032.8	7761.8	12769.8	14386.3	14281.7
35°	2085.5	1967.4	1933.7	1974.2	2510.8	3847.1	7636.9	13276.0	15044.3	15219.8
37.5°	2034.9	1930.3	1862.8	1829.1	2328.6	3691.9	7572.8	14055.6	15682.2	16104.0
40°	1987.7	1876.3	1795.3	1761.6	2186.8	3486.1	7552.5	14656.3	16417.9	16670.9
42.5°	1933.7	1862.8	1771.7	1710.9	2014.7	3280.2	7319.7	14841.8	16643.9	16917.3
44°	1916.8	1808.8	1714.3	1694.1	1947.2	3175.6	7272.4	15010.6	16839.7	17254.7
45°	1899.9	1798.7	1690.7	1663.7	1923.6	3118.2	7208.3	15051.1	17163.7	17241.3
47.5°	1852.7	1788.6	1684.0	1609.7	1872.9	2993.3	7016.0	14821.6	16832.9	16846.4
50°	1815.5	1741.3	1633.3	1488.2	1805.4	2888.7	7103.7	14737.2	16036.5	16066.8
52.5°	1775.1	1663.7	1603.0	1353.3	1694.1	2800.9	7289.3	15118.6	16127.6	16120.9
55°	1727.8	1606.3	1457.9	1238.5	1508.4	2689.6	7738.2	15871.1	16971.3	17086.0
57.5°	1653.6	1549.0	1336.3	1137.2	1295.9	2477.0	7593.1	14430.1	15614.7	15634.9
60°	1555.7	1457.9	1211.5	1059.6	1063.0	1954.0	6789.9	11244.4	12321.0	12614.6
62.5°	1461.2	1407.2	1106.9	948.3	904.4	1555.7	5740.3	9344.5	10576.3	10819.3
65°	1349.9	1218.3	1015.8	863.9	776.2	1090.0	4066.5	6982.2	8251.1	8578.5
67.5°	1208.2	1066.4	894.3	759.3	664.8	728.9	2099.1	3968.6	5254.4	5446.7
70°	1056.3	924.6	752.5	641.2	536.6	502.8	924.6	1893.2	2871.9	3070.9
72.5°	867.3	745.8	600.7	506.2	401.6	347.6	310.5	506.2	1019.2	1184.5
75°	627.7	543.3	452.2	361.1	283.4	222.8	182.2	151.8	168.7	182.2
77.5°	462.4	394.9	334.1	256.5	199.1	158.6	124.9	94.5	91.1	87.8
80°	361.1	320.6	266.6	205.9	155.3	118.1	87.8	64.1	57.4	57.4
82.5°	283.4	263.2	219.3	168.7	128.3	94.5	64.1	43.8	37.1	37.1
85°	108.0	108.0	158.6	138.4	97.9	67.5	43.8	23.6	20.3	20.3
87.5°	27.0	27.0	27.0	27.0	23.6	20.3	20.3	10.1	6.7	6.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)