

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: P652450

Luminaire Tested: **GALN-SA6B-840-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P652450
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-SA6B-840-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 80 CRI, 4000K, 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: 21134.3 lumens
Efficiency: N/A
Efficacy: 87.0 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): 243
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

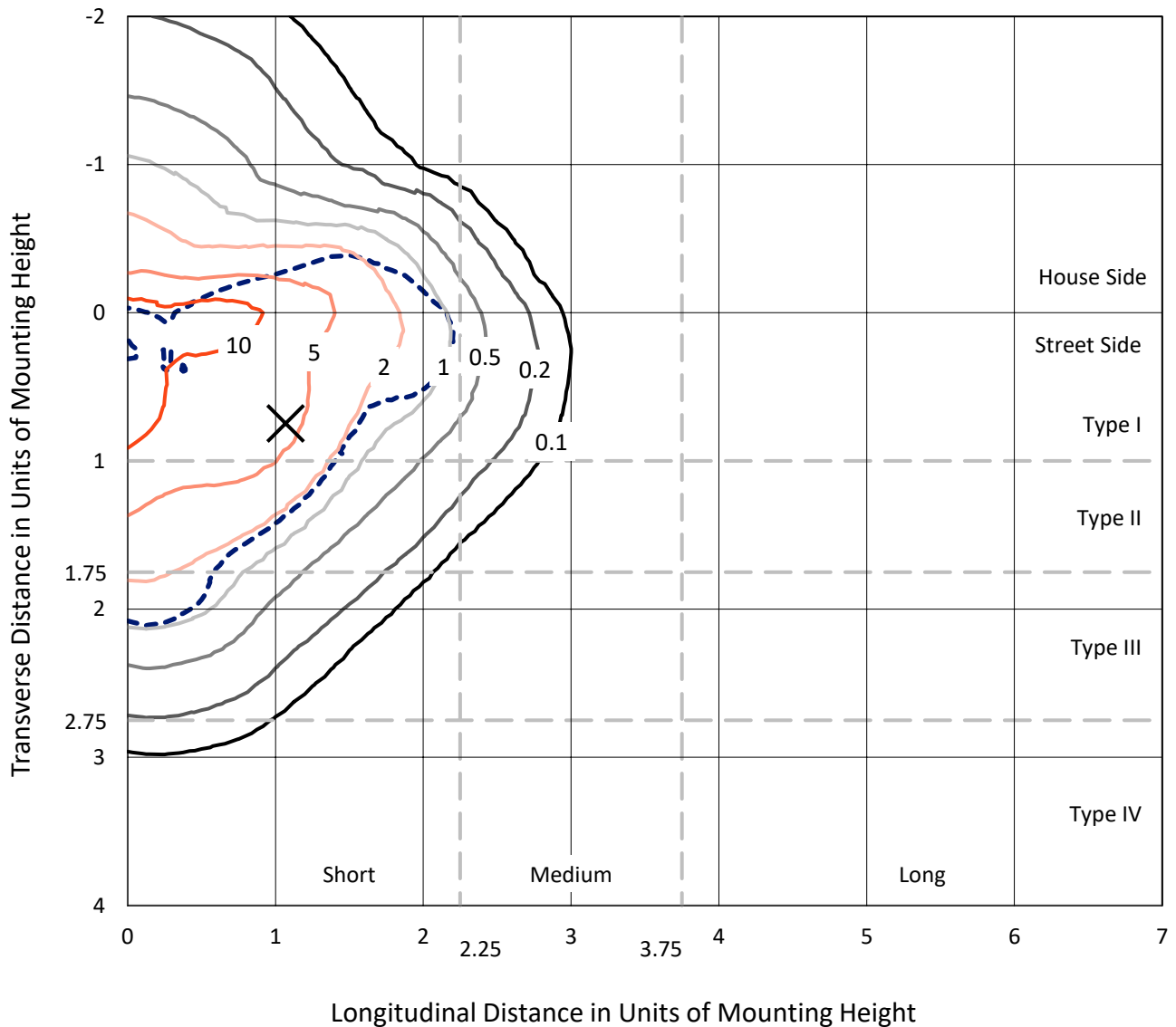




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Iso-Footcandle Lines of Horizontal Illumination

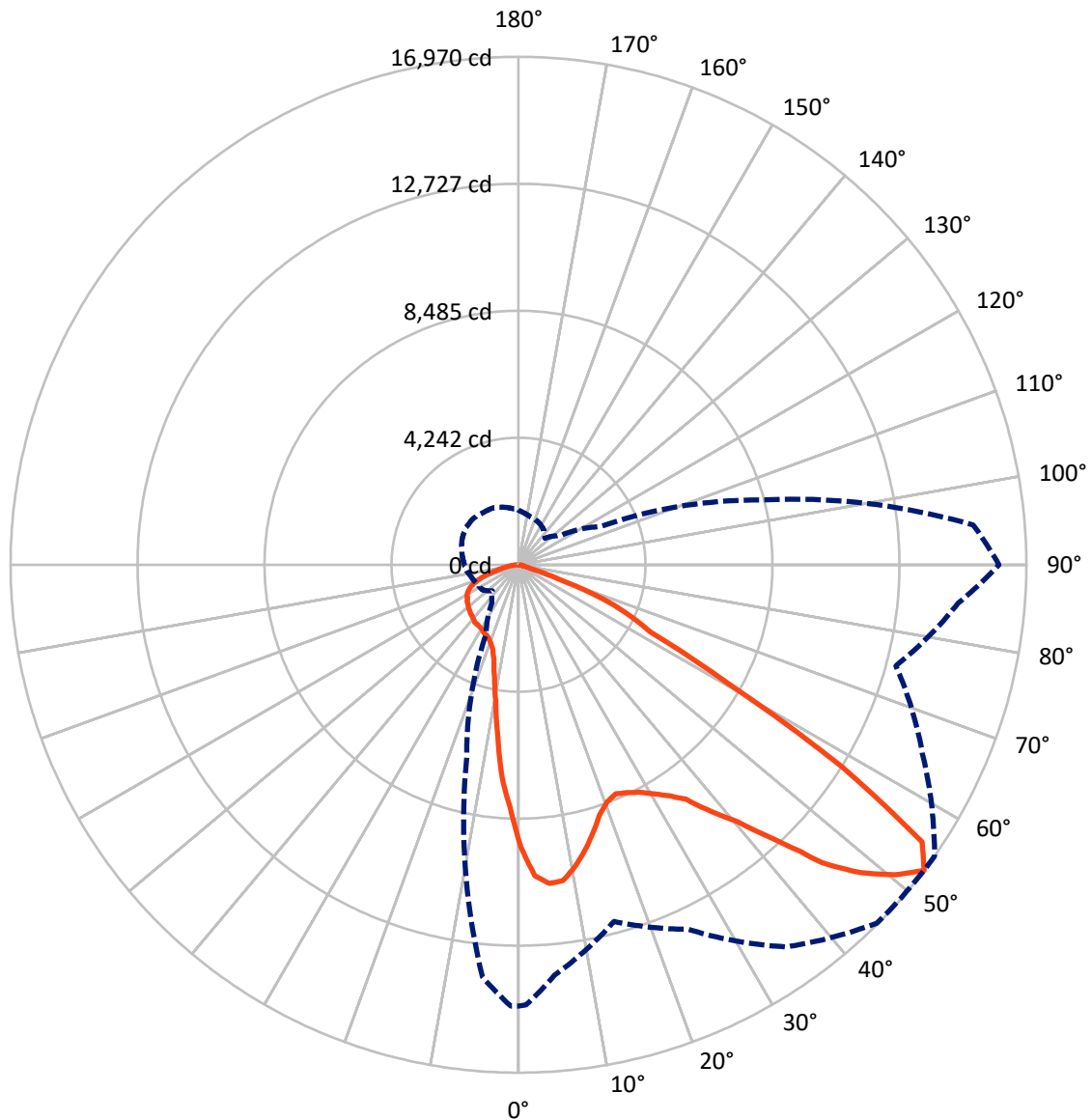
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 16 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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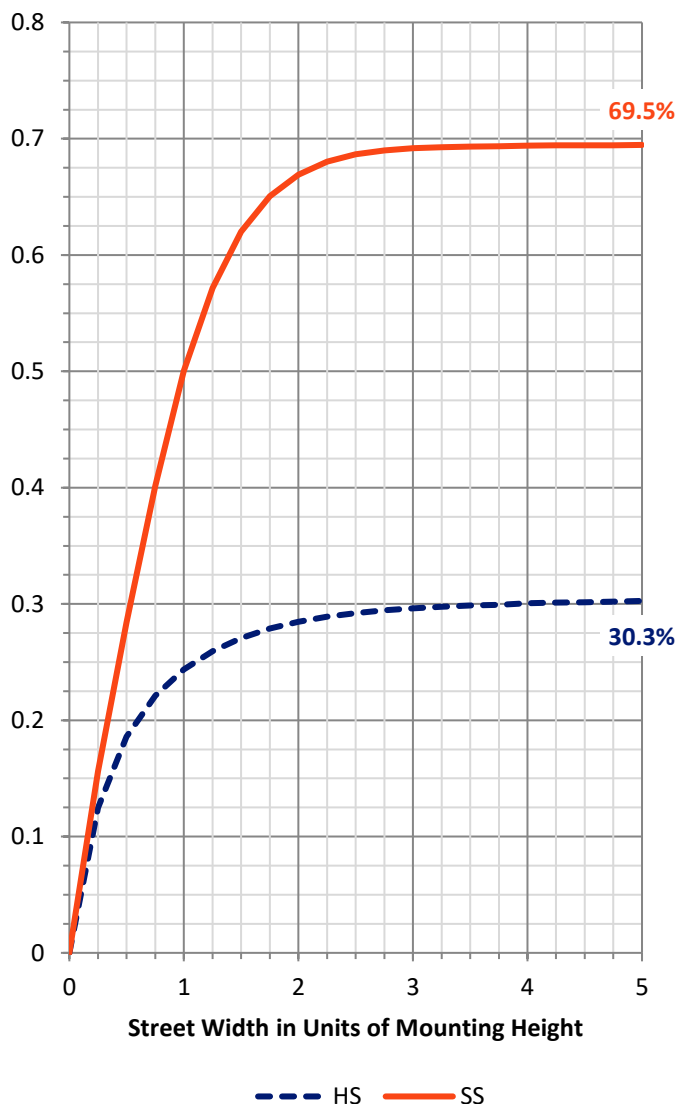
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6447.1	0.0	6447.1
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	14687.2	0.0	14687.2
	% Fixture	69.5	0.0	69.5
Total	Lumens	21134.3	0.0	21134.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	720.3	3.4
10°-20°	1552.9	7.3
20°-30°	2354.8	11.1
30°-40°	3402.3	16.1
40°-50°	4546.4	21.5
50°-60°	5074.8	24.0
60°-70°	2783.7	13.2
70°-80°	601.8	2.8
80°-90°	97.4	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°	21134.3	100.0
0°-180°	21134.3	100.0

Coefficient of Utilization



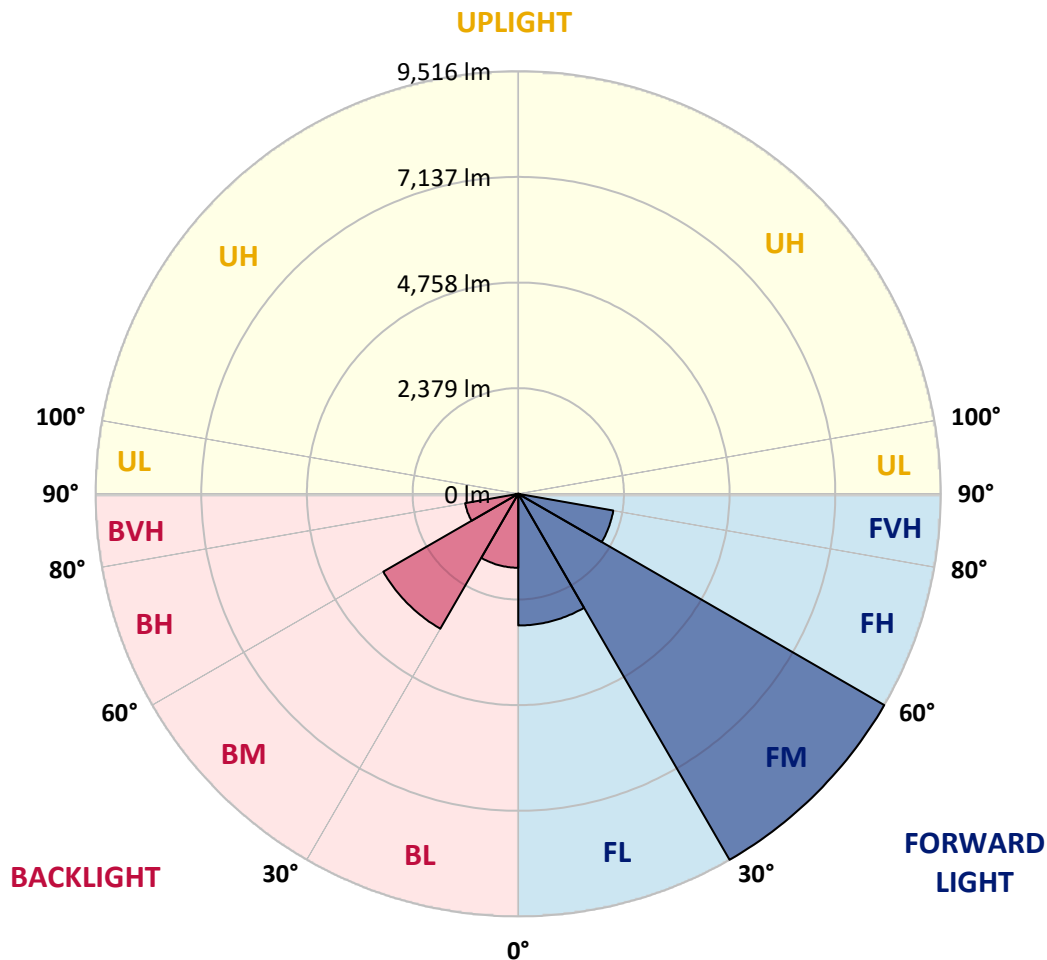
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2963.4	14.0			
FM (30°-60°)	9515.7	45.0			
FH (60°-80°)	2172.1	10.3			G2/5000
FVH (80°-90°)	36.0	0.2			G1/100
BL (0°-30°)	1664.6	7.9	B3/2500		
BM (30°-60°)	3507.8	16.6	B3/5000		
BH (60°-80°)	1213.5	5.7	B3/2500		G3/2500
BVH (80°-90°)	61.3	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°	9427.5	9427.5	9427.5	9427.5	9427.5	9427.5	9427.5	9427.5	9427.5	9427.5	9427.5
2.5°	9893.5	9838.0	9887.4	10121.9	10257.7	10350.3	10408.9	10399.6	10177.4	9961.4	9961.4
5°	9603.5	9532.5	9634.3	10165.1	10698.9	10745.2	10822.4	10695.8	10368.8	9973.8	9480.0
7.5°	8764.1	8816.5	8986.3	9683.7	10378.0	10726.7	10819.3	10658.8	10128.1	9390.5	8665.3
10°	8038.9	8162.3	8554.2	9307.2	9946.0	10399.6	10501.5	10276.2	9856.5	8952.3	8304.3
12.5°	7788.9	7711.8	8146.9	8899.9	9510.9	9754.7	9800.9	9816.4	9532.5	8730.1	7940.1
15°	7758.1	7807.4	8146.9	8717.8	9094.2	9106.6	9183.7	9304.1	9341.2	8881.3	8109.8
17.5°	8202.4	8143.8	8492.5	8946.1	8767.2	8588.2	8606.7	8779.5	9085.0	9011.0	8643.7
20°	8859.8	8992.4	9267.1	9220.8	8739.4	8285.8	8288.8	8452.4	9054.1	9547.9	9387.4
22.5°	9952.1	10081.7	10285.4	9726.9	8739.4	8196.2	8091.3	8313.5	9251.7	10186.7	10226.8
25°	10948.9	11186.6	11242.1	10584.7	9177.6	8279.6	8211.7	8430.8	9449.1	10810.0	11189.6
27.5°	11856.2	11942.6	12186.3	11137.2	9421.4	8335.2	8328.9	8609.7	9699.1	11121.7	12050.6
30°	12572.1	12562.9	12701.7	11485.9	9810.2	8646.8	8347.4	8878.3	10026.2	11637.1	12846.8
32.5°	13059.7	13164.6	13457.8	11970.4	9973.8	8943.0	8708.6	9193.1	10424.3	11880.9	13408.4
35°	13917.6	14099.6	13729.3	12238.8	10492.2	9236.2	8961.5	9622.0	10621.8	12146.2	14096.6
37.5°	14726.1	14587.2	14210.7	12383.9	10828.5	9779.3	9523.2	10452.1	11235.9	12723.3	14553.3
40°	15244.6	15241.4	14571.8	12501.1	11066.2	10609.5	10594.0	11294.5	11988.9	13087.5	15065.6
42.5°	15469.8	15685.8	14719.9	12488.8	11566.1	11615.5	11927.1	12553.6	12522.7	13161.6	15053.2
44°	15778.4	15908.0	14976.1	12516.6	11899.4	12294.4	13028.9	13426.9	12988.7	13121.5	15037.8
45°	15766.1	15775.3	14612.0	12553.6	12183.3	12862.2	13519.5	14192.2	13399.1	13035.0	15241.4
47.5°	15405.0	15300.1	14303.3	12278.9	13069.0	14361.9	14969.9	15377.3	13905.3	12849.9	14988.4
50°	14692.2	14571.8	13553.5	12161.7	13254.1	15293.9	16133.3	16281.4	14365.0	12667.8	14738.4
52.5°	14741.6	14707.6	13766.4	12337.6	13439.3	15587.1	16932.5	16969.6	14886.5	13050.5	14741.6
55°	15624.1	15506.9	14377.4	12556.7	13303.5	15244.6	16423.4	16358.5	14710.7	12819.0	15013.1
57.5°	14297.2	14374.3	13531.9	11689.6	11643.2	12393.1	12911.5	12751.1	12275.9	11569.2	13967.0
60°	11535.2	11754.3	11834.6	9776.3	8785.7	8399.9	8245.7	7961.7	8042.0	9504.7	12269.7
62.5°	9893.5	9881.2	10384.2	8862.8	5755.3	4949.9	4875.8	4940.6	5866.4	9356.5	12016.6
65°	7844.4	8054.3	8208.6	7511.1	4554.9	3675.3	3672.2	4082.7	5076.4	7819.8	9702.2
67.5°	4980.7	5255.3	5446.7	4804.8	3045.8	2616.9	2545.9	3039.6	3518.0	5128.8	5841.7
70°	2808.2	2937.8	3024.2	2771.2	1938.0	1357.8	1277.6	1394.9	2126.2	3320.4	3462.4
72.5°	1083.1	1141.8	1259.1	1268.3	731.3	438.2	354.9	425.9	894.9	1314.7	1252.9
75°	166.6	179.0	253.1	302.4	209.8	160.5	169.7	175.9	249.9	339.4	283.9
77.5°	80.2	80.2	77.1	89.5	105.0	114.2	123.5	135.8	148.1	163.6	157.4
80°	52.5	52.5	52.5	61.7	77.1	92.6	105.0	111.1	117.2	129.6	123.5
82.5°	34.0	34.0	34.0	46.3	61.7	77.1	83.3	98.7	111.1	129.6	120.3
85°	18.5	18.5	18.5	30.9	46.3	64.8	61.7	49.4	27.8	3.1	6.1
87.5°	6.1	6.1	6.1	6.1	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°	9427.5	9427.5	9427.5	9427.5	9427.5	9427.5	9427.5	9427.5	9427.5	9427.5	9427.5
2.5°	9702.2	9560.2	9547.9	9257.8	8998.6	8872.0	8770.2	8486.4	8548.1	8384.5	8381.4
5°	9233.2	8943.0	8474.0	8088.2	7702.5	7625.3	7289.0	6995.9	7005.1	6795.3	6832.3
7.5°	8390.7	8190.1	7619.2	7014.4	6502.1	6138.0	5820.1	5628.7	5384.9	5301.7	5258.4
10°	7856.8	7610.0	6968.0	6208.9	5635.0	5440.5	5135.0	4965.3	4715.3	4591.9	4505.5
12.5°	7622.2	7261.2	6458.9	5687.3	5304.7	5104.1	4844.9	4536.4	4240.1	4125.9	3968.5
15°	7647.0	7214.9	6310.8	5477.5	5017.7	4628.9	4397.5	4055.0	3752.5	3551.9	3437.8
17.5°	8020.4	7495.7	6378.6	5317.1	4656.7	4169.1	3715.5	3345.2	3104.5	2953.3	2916.3
20°	8902.9	8190.1	6492.9	5057.9	4295.7	3687.7	3129.1	2743.4	2558.2	2555.1	2558.2
22.5°	9637.4	8930.7	6724.3	4903.5	3934.5	3070.5	2515.0	2391.6	2354.5	2431.8	2441.0
25°	10628.0	9763.9	7122.3	4823.3	3601.3	2616.9	2274.3	2228.1	2224.9	2323.7	2326.8
27.5°	11643.2	10492.2	7359.9	4588.8	3261.8	2382.4	2129.3	2120.1	2169.4	2274.3	2265.1
30°	12334.5	11103.2	7788.9	4307.9	2860.7	2175.6	2070.6	2083.0	2150.9	2231.2	2243.5
32.5°	13140.0	11705.0	7900.0	4153.7	2613.8	2002.8	1928.7	1956.5	2042.9	2169.4	2237.3
35°	14062.6	12130.8	8069.7	3943.9	2521.2	1870.0	1833.0	1863.9	1968.9	2052.1	2126.2
37.5°	14744.6	12883.8	8100.6	3780.3	2419.4	1796.0	1737.4	1839.2	1900.9	2018.2	2055.2
40°	15250.7	13430.0	8180.8	3678.4	2339.2	1700.3	1700.3	1768.2	1851.5	1959.5	2033.6
42.5°	15574.7	13828.1	8239.4	3585.9	2184.8	1672.6	1657.2	1725.1	1836.2	1941.0	1975.0
44°	15772.2	13997.9	8180.8	3499.5	2141.6	1638.6	1638.6	1697.3	1783.7	1907.1	1947.3
45°	15821.6	14210.7	8051.2	3496.4	2089.2	1598.5	1592.3	1703.4	1762.1	1913.3	1938.0
47.5°	16013.0	14473.0	8066.6	3397.6	1962.6	1502.9	1610.9	1660.2	1712.7	1845.4	1928.7
50°	16006.8	14636.6	8032.7	3252.6	1870.0	1394.9	1573.8	1629.4	1681.8	1817.7	1851.5
52.5°	16050.0	15247.7	8344.4	3021.1	1703.4	1255.9	1450.4	1573.8	1638.6	1752.8	1823.8
55°	16028.4	15596.3	8653.0	2848.3	1468.9	1172.7	1345.4	1490.5	1583.1	1703.4	1737.4
57.5°	14639.7	13784.9	8008.0	2524.3	1215.8	1073.9	1197.3	1404.1	1521.4	1644.8	1688.0
60°	11961.1	10624.9	6604.0	1857.8	999.9	987.5	1114.0	1376.3	1425.7	1533.7	1607.7
62.5°	11053.9	9319.5	5236.8	1419.5	854.8	904.2	1027.6	1243.7	1320.8	1453.5	1521.4
65°	8649.9	6190.4	3243.3	959.7	752.9	811.6	928.9	1089.3	1215.8	1339.3	1419.5
67.5°	5122.7	3382.2	1604.7	672.7	657.3	719.1	839.4	959.7	1104.7	1240.6	1280.7
70°	2789.7	1663.3	685.1	512.3	558.6	614.1	731.3	814.7	953.5	1058.5	1126.4
72.5°	894.9	506.1	342.5	379.5	425.9	490.6	561.6	663.5	762.2	823.9	879.5
75°	216.1	212.9	243.8	265.4	308.6	357.9	416.6	469.0	546.2	604.8	654.2
77.5°	151.2	163.6	188.2	219.1	234.6	253.1	290.1	330.2	364.2	407.4	438.2
80°	117.2	126.5	145.1	160.5	175.9	191.3	209.8	225.3	246.8	274.7	290.1
82.5°	111.1	117.2	135.8	145.1	138.8	135.8	148.1	154.3	157.4	166.6	175.9
85°	9.3	0.0	6.1	21.6	52.5	77.1	83.3	83.3	80.2	86.4	86.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	12.4	9.3
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°	9427.5	9427.5	9427.5	9427.5	9427.5	9427.5	9427.5	9427.5	9427.5	9427.5	9427.5
2.5°	8344.4	8239.4	8279.6	8328.9	8257.9	8094.5	8137.6	8119.1	8285.8	8273.4	8440.0
5°	6995.9	6832.3	6850.8	7091.5	7014.4	7097.6	6931.0	6909.4	6940.3	6955.7	6983.5
7.5°	5354.1	5332.5	5517.6	5721.3	5817.0	5718.2	5554.7	5517.6	5483.7	5415.8	5570.1
10°	4369.7	4375.9	4363.5	4517.9	4625.8	4604.2	4505.5	4493.1	4428.3	4403.6	4490.0
12.5°	3900.6	3817.3	3777.2	3727.8	3811.2	3866.7	3823.4	3792.7	3795.7	3826.6	3838.9
15°	3447.0	3394.5	3308.2	3252.6	3292.7	3264.9	3249.5	3311.2	3295.8	3289.6	3363.7
17.5°	2937.8	2981.0	2974.9	2913.1	2965.6	2944.0	2940.9	2897.7	2839.0	2795.8	2820.5
20°	2601.5	2681.7	2743.4	2746.5	2774.3	2771.2	2724.9	2592.2	2549.0	2539.7	2545.9
22.5°	2481.1	2524.3	2598.4	2703.3	2703.3	2653.9	2598.4	2444.0	2403.9	2360.8	2342.3
25°	2385.4	2468.8	2564.4	2576.7	2626.1	2579.9	2490.4	2413.2	2329.9	2271.3	2271.3
27.5°	2336.0	2428.6	2499.6	2521.2	2589.1	2552.1	2459.5	2360.8	2262.0	2258.9	2206.4
30°	2314.4	2400.9	2447.1	2499.6	2530.5	2471.9	2444.0	2339.2	2240.4	2215.7	2129.3
32.5°	2249.7	2373.0	2459.5	2447.1	2471.9	2447.1	2407.0	2320.7	2209.6	2154.0	2144.7
35°	2175.6	2299.0	2391.6	2456.4	2471.9	2419.4	2394.7	2277.4	2126.2	2098.5	2002.8
37.5°	2135.5	2209.6	2323.7	2428.6	2450.3	2422.5	2339.2	2218.8	2067.6	2036.7	1953.4
40°	2086.1	2181.7	2271.3	2357.7	2422.5	2354.5	2258.9	2141.6	2073.7	1981.1	1956.5
42.5°	2049.1	2157.1	2231.2	2326.8	2400.9	2311.4	2200.3	2120.1	2024.4	1962.6	1891.7
44°	2036.7	2135.5	2184.8	2302.1	2363.8	2295.9	2203.3	2120.1	2009.0	1953.4	1891.7
45°	1993.5	2129.3	2181.7	2286.7	2339.2	2283.6	2166.3	2083.0	2002.8	1934.9	1870.0
47.5°	1950.3	2042.9	2132.4	2215.7	2252.7	2234.2	2135.5	2033.6	1938.0	1897.9	1836.2
50°	1938.0	2030.5	2113.9	2191.1	2234.2	2197.2	2107.7	2009.0	1897.9	1833.0	1780.6
52.5°	1876.3	1990.4	2083.0	2107.7	2163.2	2141.6	2073.7	1965.8	1860.8	1805.3	1762.1
55°	1786.8	1907.1	2033.6	2064.5	2144.7	2110.7	2009.0	1907.1	1817.7	1734.3	1678.7
57.5°	1752.8	1870.0	1993.5	2033.6	2083.0	2027.5	2002.8	1894.8	1752.8	1709.6	1623.2
60°	1666.4	1814.5	1916.4	2009.0	2012.0	1996.6	1953.4	1829.9	1712.7	1632.5	1570.7
62.5°	1598.5	1737.4	1817.7	1904.0	1956.5	1913.3	1870.0	1755.9	1629.4	1539.9	1468.9
65°	1499.8	1626.3	1694.2	1746.7	1805.3	1799.1	1725.1	1641.7	1509.0	1438.0	1370.2
67.5°	1348.5	1459.6	1552.2	1601.6	1638.6	1629.4	1573.8	1515.2	1379.4	1308.4	1259.1
70°	1166.5	1280.7	1339.3	1367.0	1404.1	1422.6	1379.4	1351.7	1231.3	1138.7	1092.5
72.5°	938.1	1012.2	1098.6	1123.3	1138.7	1151.1	1151.1	1126.4	1002.9	965.9	885.7
75°	691.2	749.9	814.7	814.7	842.4	845.5	851.7	836.3	743.7	694.3	675.8
77.5°	469.0	512.3	564.7	586.3	604.8	601.7	598.7	555.5	506.1	484.5	466.0
80°	305.5	348.7	373.4	401.2	419.7	416.6	422.8	391.9	370.3	333.3	339.4
82.5°	182.1	216.1	240.7	274.7	274.7	283.9	283.9	274.7	253.1	234.6	234.6
85°	86.4	114.2	129.6	151.2	163.6	166.6	148.1	126.5	105.0	95.7	105.0
87.5°	15.4	21.6	30.9	27.8	34.0	30.9	30.9	30.9	30.9	24.7	27.8
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: P652450

CATALOG NUMBER: GALN-SA6B-840-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	9427.5	9427.5	9427.5	9427.5	9427.5	9427.5	9427.5	9427.5	9427.5	9427.5
2.5°	8378.3	8532.6	8640.6	8819.7	9128.2	9375.0	9628.1	9816.4	9838.0	9893.5
5°	7085.3	7168.6	7443.3	7801.3	8054.3	8470.9	8739.4	9226.9	9409.0	9603.5
7.5°	5533.1	5668.8	6036.1	6276.8	6832.3	7353.8	7893.8	8495.6	8736.3	8764.1
10°	4666.0	4863.4	5113.4	5499.1	5801.6	6381.8	7054.5	7724.1	7992.6	8038.9
12.5°	4098.1	4351.2	4684.5	4962.2	5252.3	5758.3	6403.3	7230.3	7579.1	7788.9
15°	3551.9	3814.2	4181.5	4567.2	4823.3	5428.2	6187.3	7119.2	7572.9	7758.1
17.5°	2990.3	3234.1	3536.5	3953.1	4468.4	5147.3	6153.3	7489.6	7986.4	8202.4
20°	2508.9	2644.6	2996.5	3425.4	4070.4	4860.4	6165.7	8035.8	8764.1	8859.8
22.5°	2320.7	2351.5	2490.4	2885.4	3592.0	4567.2	6384.8	8810.4	9637.4	9952.1
25°	2175.6	2169.4	2206.4	2471.9	3243.3	4453.0	6600.8	9523.2	10606.4	10948.9
27.5°	2095.4	2033.6	2036.7	2286.7	2996.5	4267.8	6878.5	10341.0	11705.0	11856.2
30°	2055.2	2042.9	2005.9	2107.7	2728.0	3990.1	6924.9	11146.4	12353.0	12572.1
32.5°	2030.5	1910.2	1863.9	1900.9	2474.9	3687.7	7097.6	11677.2	13155.3	13059.7
35°	1907.1	1799.1	1768.2	1805.3	2295.9	3518.0	6983.5	12140.1	13757.1	13917.6
37.5°	1860.8	1765.2	1703.4	1672.6	2129.3	3376.0	6924.9	12852.9	14340.4	14726.1
40°	1817.7	1715.8	1641.7	1610.9	1999.7	3187.8	6906.3	13402.3	15013.1	15244.6
42.5°	1768.2	1703.4	1620.1	1564.6	1842.3	2999.5	6693.4	13572.0	15219.8	15469.8
44°	1752.8	1654.1	1567.6	1549.1	1780.6	2903.9	6650.2	13726.3	15398.9	15778.4
45°	1737.4	1644.8	1546.1	1521.4	1759.0	2851.4	6591.6	13763.3	15695.1	15766.1
47.5°	1694.2	1635.6	1539.9	1472.0	1712.7	2737.2	6415.7	13553.5	15392.7	15405.0
50°	1660.2	1592.3	1493.6	1360.9	1651.0	2641.6	6495.9	13476.3	14664.3	14692.2
52.5°	1623.2	1521.4	1465.9	1237.4	1549.1	2561.3	6665.6	13825.0	14747.7	14741.6
55°	1580.0	1468.9	1333.2	1132.6	1379.4	2459.5	7076.1	14513.1	15519.2	15624.1
57.5°	1512.1	1416.4	1222.1	1040.0	1185.0	2265.1	6943.4	13195.5	14278.7	14297.2
60°	1422.6	1333.2	1107.8	969.0	972.1	1786.8	6208.9	10282.3	11266.8	11535.2
62.5°	1336.2	1286.8	1012.2	867.2	827.0	1422.6	5249.2	8545.0	9671.3	9893.5
65°	1234.3	1114.0	928.9	790.0	709.8	996.8	3718.6	6384.8	7545.1	7844.4
67.5°	1104.7	975.1	817.8	694.3	608.0	666.6	1919.4	3629.1	4804.8	4980.7
70°	965.9	845.5	688.2	586.3	490.6	459.8	845.5	1731.2	2626.1	2808.2
72.5°	793.1	682.0	549.3	462.9	367.3	317.8	283.9	462.9	931.9	1083.1
75°	574.0	496.9	413.5	330.2	259.2	203.7	166.6	138.8	154.3	166.6
77.5°	422.8	361.0	305.5	234.6	182.1	145.1	114.2	86.4	83.3	80.2
80°	330.2	293.2	243.8	188.2	142.0	108.0	80.2	58.6	52.5	52.5
82.5°	259.2	240.7	200.6	154.3	117.2	86.4	58.6	40.1	34.0	34.0
85°	98.7	98.7	145.1	126.5	89.5	61.7	40.1	21.6	18.5	18.5
87.5°	24.7	24.7	24.7	24.7	21.6	18.5	18.5	9.3	6.1	6.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)