

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: P530784

Luminaire Tested: **GALN-SA6A-735-U-SLL-GRSWH**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P530784  
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-SA6A-735-U-SLL-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(6) 70 CRI, 3500K, 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: 18814 lumens  
Efficiency: N/A  
Efficacy: 103.4 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B3 - U0 - G3

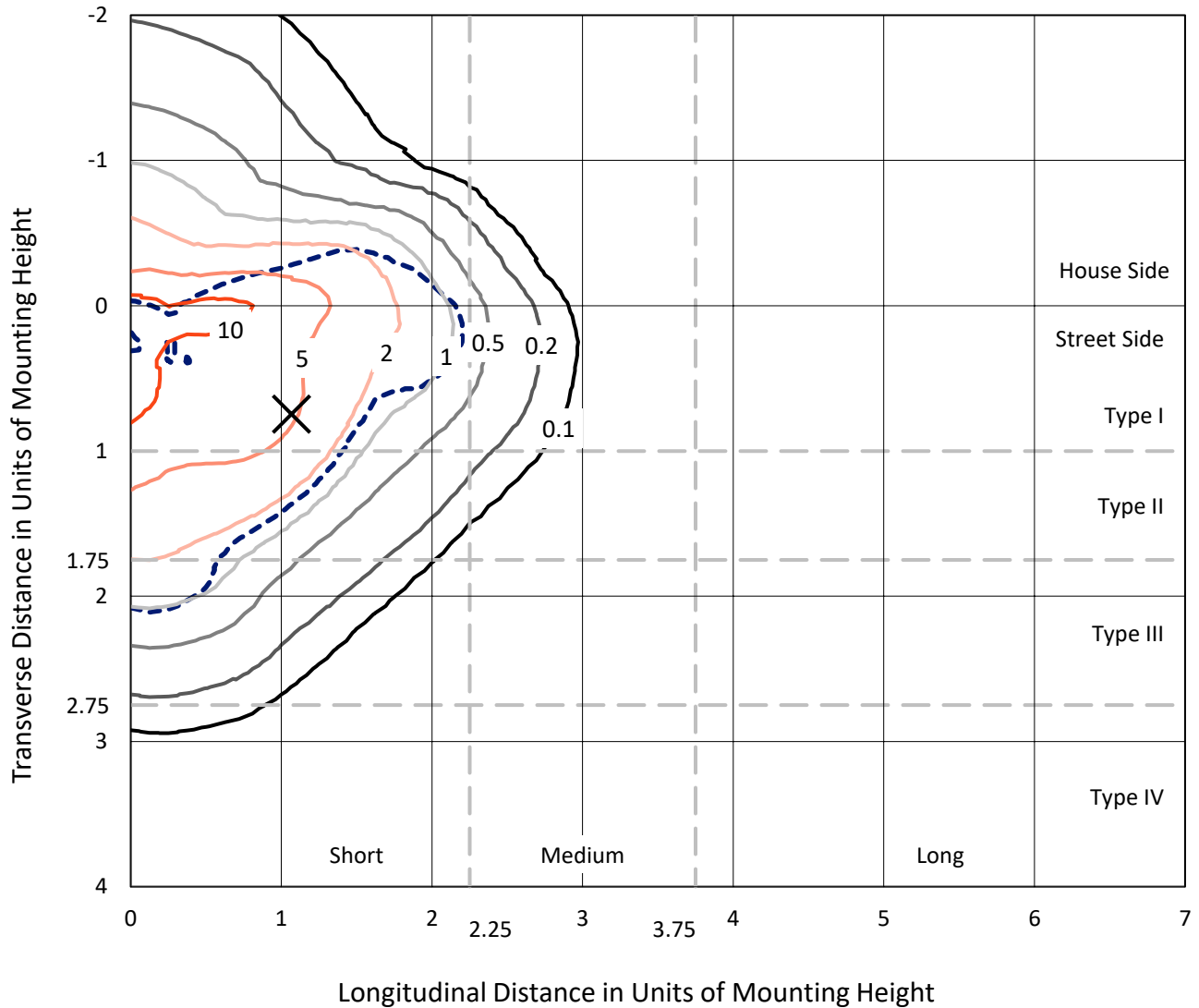
Input Watts (W): 182  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

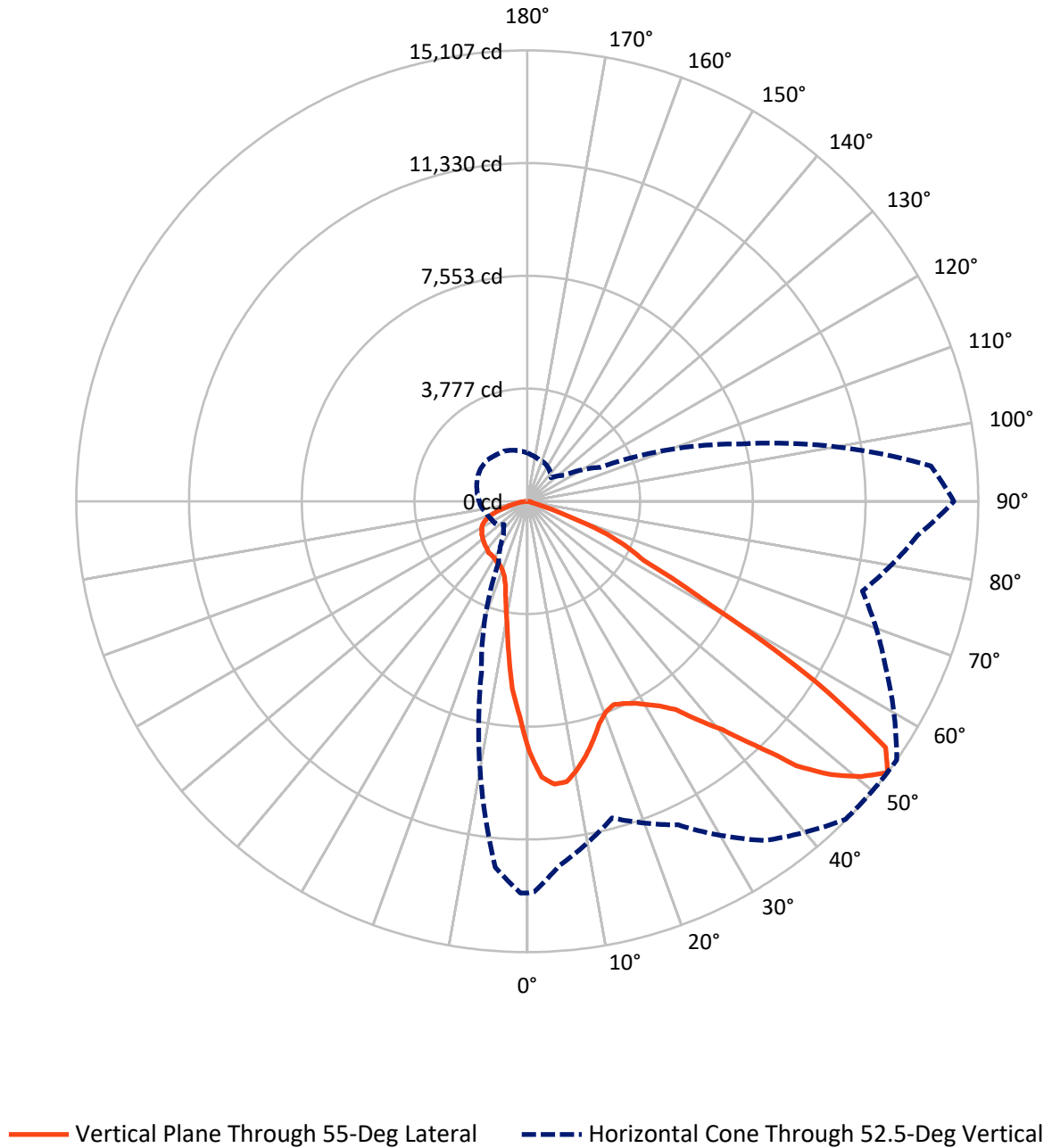
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 14.3 fc  
 Type II - Short - N/A

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### Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5739.3	0.0	5739.3
	% Fixture	30.5	0.0	30.5
<b>Street Side</b>	Lumens	13074.7	0.0	13074.7
	% Fixture	69.5	0.0	69.5
<b>Total</b>	Lumens	18814.0	0.0	18814.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	641.2	3.4
10°-20°	1382.4	7.3
20°-30°	2096.2	11.1
30°-40°	3028.7	16.1
40°-50°	4047.2	21.5
50°-60°	4517.6	24.0
60°-70°	2478.1	13.2
70°-80°	535.8	2.8
80°-90°	86.7	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°	18814.0	100.0
0°-180°	18814.0	100.0

**Coefficient of Utilization**



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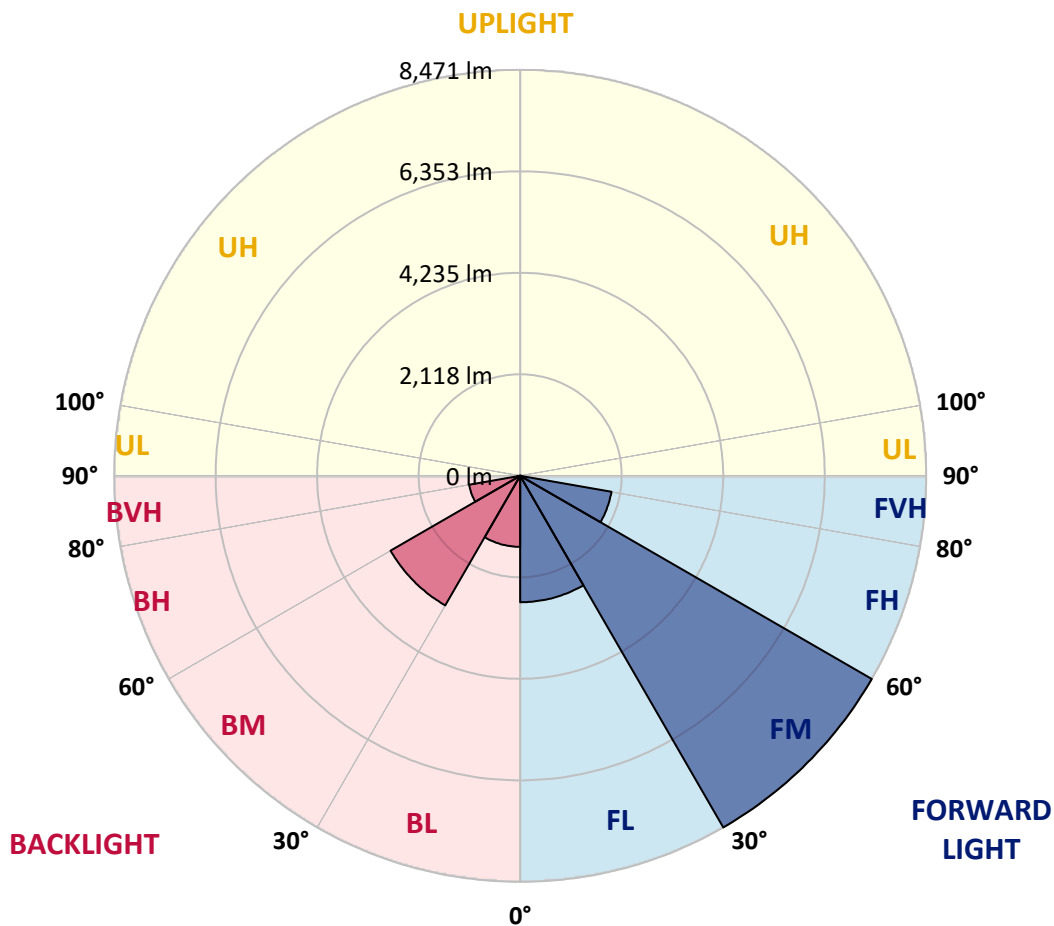
CATALOG NUMBER: GALN-SA6A-735-U-SLL-GRSWH

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2638.1	14.0			
FM (30°-60°)	8470.9	45.0			
FH (60°-80°)	1933.6	10.3			G2/5000
FVH (80°-90°)	32.1	0.2			G1/100
BL (0°-30°)	1481.8	7.9	B3/2500		
BM (30°-60°)	3122.6	16.6	B3/5000		
BH (60°-80°)	1080.3	5.7	B3/2500		G3/2500
BVH (80°-90°)	54.6	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°	8392.5	8392.5	8392.5	8392.5	8392.5	8392.5	8392.5	8392.5	8392.5	8392.5	8392.5
2.5°	8807.3	8757.9	8801.8	9010.6	9131.5	9213.9	9266.1	9257.8	9060.1	8867.8	8867.8
5°	8549.1	8485.9	8576.6	9049.1	9524.3	9565.5	9634.2	9521.6	9230.4	8878.7	8439.2
7.5°	7801.9	7848.6	7999.7	8620.5	9238.6	9549.0	9631.5	9488.6	9016.1	8359.5	7714.0
10°	7156.3	7266.2	7615.1	8285.4	8854.0	9257.8	9348.5	9148.0	8774.4	7969.4	7392.5
12.5°	6933.8	6865.1	7252.4	7922.7	8466.7	8683.7	8724.9	8738.6	8485.9	7771.6	7068.4
15°	6906.3	6950.3	7252.4	7760.7	8095.8	8106.8	8175.5	8282.6	8315.6	7906.3	7219.5
17.5°	7301.9	7249.7	7560.1	7963.9	7804.6	7645.3	7661.8	7815.6	8087.6	8021.6	7694.7
20°	7887.0	8005.2	8249.6	8208.4	7779.9	7376.1	7378.8	7524.4	8060.1	8499.6	8356.8
22.5°	8859.5	8974.9	9156.2	8659.0	7779.9	7296.4	7203.0	7400.8	8235.9	9068.3	9104.0
25°	9746.8	9958.4	10007.8	9422.7	8170.0	7370.6	7310.1	7505.2	8411.7	9623.2	9961.1
27.5°	10554.5	10631.4	10848.4	9914.4	8387.0	7420.0	7414.5	7664.5	8634.2	9900.7	10727.6
30°	11191.8	11183.6	11307.2	10224.8	8733.1	7697.5	7431.0	7903.5	8925.4	10359.4	11436.3
32.5°	11625.9	11719.3	11980.3	10656.1	8878.7	7961.2	7752.4	8183.7	9279.8	10576.5	11936.3
35°	12389.6	12551.7	12222.0	10895.1	9340.3	8222.2	7977.7	8565.6	9455.6	10812.7	12548.9
37.5°	13109.3	12985.7	12650.6	11024.3	9639.7	8705.7	8477.7	9304.5	10002.3	11326.4	12955.5
40°	13570.9	13568.1	12972.0	11128.6	9851.2	9444.7	9430.9	10054.5	10672.6	11650.6	13411.5
42.5°	13771.4	13963.7	13103.8	11117.7	10296.3	10340.2	10617.7	11175.3	11147.9	11716.5	13400.5
44°	14046.1	14161.5	13331.8	11142.4	10593.0	10944.6	11598.4	11952.8	11562.7	11680.8	13386.8
45°	14035.1	14043.4	13007.7	11175.3	10845.7	11450.1	12035.2	12634.1	11928.1	11603.9	13568.1
47.5°	13713.7	13620.3	12733.0	10930.9	11634.1	12785.2	13326.4	13689.0	12378.6	11439.1	13342.8
50°	13079.1	12972.0	12065.4	10826.5	11798.9	13614.8	14362.0	14493.9	12787.9	11277.0	13120.3
52.5°	13123.1	13092.8	12255.0	10983.0	11963.8	13875.8	15073.5	15106.5	13252.2	11617.6	13123.1
55°	13908.7	13804.4	12798.9	11178.1	11842.9	13570.9	14620.3	14562.6	13095.6	11411.6	13364.8
57.5°	12727.5	12796.2	12046.2	10406.1	10364.9	11032.5	11494.0	11351.2	10928.1	10299.0	12433.5
60°	10268.8	10463.8	10535.3	8702.9	7821.1	7477.7	7340.3	7087.6	7159.0	8461.2	10922.6
62.5°	8807.3	8796.3	9244.1	7889.8	5123.4	4406.4	4340.5	4398.2	5222.3	8329.3	10697.3
65°	6983.2	7170.0	7307.4	6686.5	4054.8	3271.8	3269.1	3634.5	4519.0	6961.2	8637.0
67.5°	4433.9	4678.4	4848.7	4277.3	2711.4	2329.6	2266.4	2705.9	3131.7	4565.7	5200.3
70°	2499.9	2615.3	2692.2	2466.9	1725.2	1208.7	1137.3	1241.7	1892.8	2955.9	3082.3
72.5°	964.2	1016.4	1120.8	1129.1	651.1	390.1	315.9	379.1	796.7	1170.3	1115.3
75°	148.3	159.3	225.3	269.2	186.8	142.9	151.1	156.6	222.5	302.2	252.7
77.5°	71.4	71.4	68.7	79.7	93.4	101.6	109.9	120.9	131.9	145.6	140.1
80°	46.7	46.7	46.7	54.9	68.7	82.4	93.4	98.9	104.4	115.4	109.9
82.5°	30.2	30.2	30.2	41.2	54.9	68.7	74.2	87.9	98.9	115.4	107.1
85°	16.5	16.5	16.5	27.5	41.2	57.7	54.9	44.0	24.7	2.7	5.5
87.5°	5.5	5.5	5.5	5.5	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°	8392.5	8392.5	8392.5	8392.5	8392.5	8392.5	8392.5	8392.5	8392.5	8392.5	8392.5
2.5°	8637.0	8510.6	8499.6	8241.4	8010.6	7898.0	7807.4	7554.6	7609.6	7464.0	7461.2
5°	8219.4	7961.2	7543.6	7200.2	6856.9	6788.2	6488.7	6227.8	6236.0	6049.2	6082.2
7.5°	7469.5	7290.9	6782.7	6244.2	5788.2	5464.1	5181.1	5010.8	4793.8	4719.6	4681.1
10°	6994.2	6774.4	6203.0	5527.2	5016.3	4843.2	4571.2	4420.1	4197.6	4087.7	4010.8
12.5°	6785.4	6464.0	5749.8	5063.0	4722.3	4543.8	4313.0	4038.3	3774.6	3672.9	3532.8
15°	6807.4	6422.8	5617.9	4876.2	4466.8	4120.7	3914.7	3609.7	3340.5	3162.0	3060.3
17.5°	7139.8	6672.8	5678.3	4733.3	4145.4	3711.4	3307.6	2977.9	2763.6	2629.0	2596.0
20°	7925.5	7290.9	5780.0	4502.6	3824.0	3282.8	2785.6	2442.2	2277.4	2274.6	2277.4
22.5°	8579.3	7950.2	5986.0	4365.2	3502.6	2733.4	2238.9	2129.0	2096.1	2164.7	2173.0
25°	9461.1	8691.9	6340.4	4293.8	3205.9	2329.6	2024.6	1983.4	1980.7	2068.6	2071.3
27.5°	10364.9	9340.3	6551.9	4085.0	2903.7	2120.8	1895.5	1887.3	1931.2	2024.6	2016.4
30°	10980.3	9884.2	6933.8	3835.0	2546.6	1936.7	1843.3	1854.3	1914.8	1986.2	1997.2
32.5°	11697.3	10419.9	7032.7	3697.6	2326.8	1782.9	1717.0	1741.7	1818.6	1931.2	1991.7
35°	12518.7	10799.0	7183.8	3510.8	2244.4	1664.8	1631.8	1659.3	1752.7	1826.8	1892.8
37.5°	13125.8	11469.3	7211.2	3365.2	2153.8	1598.8	1546.6	1637.3	1692.2	1796.6	1829.6
40°	13576.3	11955.5	7282.7	3274.6	2082.3	1513.7	1513.7	1574.1	1648.3	1744.4	1810.4
42.5°	13864.8	12309.9	7334.9	3192.2	1945.0	1488.9	1475.2	1535.6	1634.5	1727.9	1758.2
44°	14040.6	12461.0	7282.7	3115.3	1906.5	1458.7	1458.7	1510.9	1587.8	1697.7	1733.4
45°	14084.6	12650.6	7167.3	3112.5	1859.8	1423.0	1417.5	1516.4	1568.6	1703.2	1725.2
47.5°	14254.9	12884.1	7181.0	3024.6	1747.2	1337.9	1434.0	1478.0	1524.7	1642.8	1717.0
50°	14249.4	13029.7	7150.8	2895.5	1664.8	1241.7	1401.0	1450.5	1497.2	1618.1	1648.3
52.5°	14287.9	13573.6	7428.3	2689.4	1516.4	1118.1	1291.2	1401.0	1458.7	1560.4	1623.6
55°	14268.6	13884.0	7703.0	2535.6	1307.6	1043.9	1197.8	1326.9	1409.3	1516.4	1546.6
57.5°	13032.4	12271.5	7128.8	2247.2	1082.4	956.0	1065.9	1249.9	1354.3	1464.2	1502.7
60°	10647.9	9458.4	5878.9	1653.8	890.1	879.1	991.7	1225.2	1269.2	1365.3	1431.3
62.5°	9840.2	8296.3	4661.9	1263.7	761.0	804.9	914.8	1107.1	1175.8	1293.9	1354.3
65°	7700.2	5510.8	2887.2	854.4	670.3	722.5	826.9	969.7	1082.4	1192.3	1263.7
67.5°	4560.2	3010.9	1428.5	598.9	585.1	640.1	747.2	854.4	983.5	1104.3	1140.1
70°	2483.4	1480.7	609.9	456.0	497.2	546.7	651.1	725.2	848.9	942.3	1002.7
72.5°	796.7	450.5	304.9	337.9	379.1	436.8	500.0	590.6	678.5	733.5	782.9
75°	192.3	189.6	217.0	236.3	274.7	318.7	370.9	417.6	486.2	538.4	582.4
77.5°	134.6	145.6	167.6	195.0	208.8	225.3	258.2	293.9	324.2	362.6	390.1
80°	104.4	112.6	129.1	142.9	156.6	170.3	186.8	200.5	219.8	244.5	258.2
82.5°	98.9	104.4	120.9	129.1	123.6	120.9	131.9	137.4	140.1	148.3	156.6
85°	8.2	0.0	5.5	19.2	46.7	68.7	74.2	74.2	71.4	76.9	76.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	11.0	8.2
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°	8392.5	8392.5	8392.5	8392.5	8392.5	8392.5	8392.5	8392.5	8392.5	8392.5	8392.5
2.5°	7428.3	7334.9	7370.6	7414.5	7351.3	7205.7	7244.2	7227.7	7376.1	7365.1	7513.4
5°	6227.8	6082.2	6098.6	6312.9	6244.2	6318.4	6170.1	6150.8	6178.3	6192.0	6216.8
7.5°	4766.3	4747.1	4911.9	5093.2	5178.4	5090.4	4944.8	4911.9	4881.7	4821.2	4958.6
10°	3889.9	3895.4	3884.4	4021.8	4118.0	4098.7	4010.8	3999.8	3942.1	3920.2	3997.1
12.5°	3472.4	3398.2	3362.5	3318.5	3392.7	3442.2	3403.7	3376.2	3379.0	3406.4	3417.4
15°	3068.6	3021.8	2944.9	2895.5	2931.2	2906.5	2892.7	2947.7	2933.9	2928.4	2994.4
17.5°	2615.3	2653.7	2648.2	2593.3	2640.0	2620.8	2618.0	2579.6	2527.4	2488.9	2510.9
20°	2315.8	2387.3	2442.2	2445.0	2469.7	2466.9	2425.7	2307.6	2269.1	2260.9	2266.4
22.5°	2208.7	2247.2	2313.1	2406.5	2406.5	2362.5	2313.1	2175.7	2140.0	2101.6	2085.1
25°	2123.5	2197.7	2282.9	2293.9	2337.8	2296.6	2216.9	2148.3	2074.1	2021.9	2021.9
27.5°	2079.6	2162.0	2225.2	2244.4	2304.8	2271.9	2189.5	2101.6	2013.7	2010.9	1964.2
30°	2060.4	2137.3	2178.5	2225.2	2252.7	2200.5	2175.7	2082.3	1994.4	1972.4	1895.5
32.5°	2002.7	2112.5	2189.5	2178.5	2200.5	2178.5	2142.8	2065.8	1966.9	1917.5	1909.3
35°	1936.7	2046.6	2129.0	2186.7	2200.5	2153.8	2131.8	2027.4	1892.8	1868.1	1782.9
37.5°	1901.0	1966.9	2068.6	2162.0	2181.2	2156.5	2082.3	1975.2	1840.6	1813.1	1738.9
40°	1857.1	1942.2	2021.9	2098.8	2156.5	2096.1	2010.9	1906.5	1846.1	1763.7	1741.7
42.5°	1824.1	1920.2	1986.2	2071.3	2137.3	2057.6	1958.7	1887.3	1802.1	1747.2	1684.0
44°	1813.1	1901.0	1945.0	2049.4	2104.3	2043.9	1961.5	1887.3	1788.4	1738.9	1684.0
45°	1774.6	1895.5	1942.2	2035.6	2082.3	2032.9	1928.5	1854.3	1782.9	1722.5	1664.8
47.5°	1736.2	1818.6	1898.3	1972.4	2005.4	1988.9	1901.0	1810.4	1725.2	1689.5	1634.5
50°	1725.2	1807.6	1881.8	1950.5	1988.9	1956.0	1876.3	1788.4	1689.5	1631.8	1585.1
52.5°	1670.3	1771.9	1854.3	1876.3	1925.7	1906.5	1846.1	1749.9	1656.5	1607.1	1568.6
55°	1590.6	1697.7	1810.4	1837.8	1909.3	1879.0	1788.4	1697.7	1618.1	1543.9	1494.4
57.5°	1560.4	1664.8	1774.6	1810.4	1854.3	1804.9	1782.9	1686.7	1560.4	1521.9	1445.0
60°	1483.5	1615.3	1706.0	1788.4	1791.1	1777.4	1738.9	1629.1	1524.7	1453.2	1398.3
62.5°	1423.0	1546.6	1618.1	1695.0	1741.7	1703.2	1664.8	1563.1	1450.5	1370.8	1307.6
65°	1335.1	1447.7	1508.2	1554.9	1607.1	1601.6	1535.6	1461.5	1343.3	1280.2	1219.7
67.5°	1200.5	1299.4	1381.8	1425.8	1458.7	1450.5	1401.0	1348.8	1228.0	1164.8	1120.8
70°	1038.4	1140.1	1192.3	1217.0	1249.9	1266.4	1228.0	1203.2	1096.1	1013.7	972.5
72.5°	835.1	901.1	978.0	1000.0	1013.7	1024.7	1024.7	1002.7	892.8	859.9	788.4
75°	615.4	667.6	725.2	725.2	750.0	752.7	758.2	744.5	662.1	618.1	601.6
77.5°	417.6	456.0	502.7	522.0	538.4	535.7	532.9	494.5	450.5	431.3	414.8
80°	272.0	310.4	332.4	357.1	373.6	370.9	376.4	348.9	329.7	296.7	302.2
82.5°	162.1	192.3	214.3	244.5	244.5	252.7	252.7	244.5	225.3	208.8	208.8
85°	76.9	101.6	115.4	134.6	145.6	148.3	131.9	112.6	93.4	85.2	93.4
87.5°	13.7	19.2	27.5	24.7	30.2	27.5	27.5	27.5	27.5	22.0	24.7
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: P530784

CATALOG NUMBER: GALN-SA6A-735-U-SLL-GRSWH

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8392.5	8392.5	8392.5	8392.5	8392.5	8392.5	8392.5	8392.5	8392.5	8392.5
2.5°	7458.5	7595.8	7692.0	7851.3	8126.0	8345.8	8571.1	8738.6	8757.9	8807.3
5°	6307.4	6381.6	6626.1	6944.8	7170.0	7540.9	7779.9	8213.9	8376.0	8549.1
7.5°	4925.6	5046.5	5373.4	5587.7	6082.2	6546.4	7027.2	7562.9	7777.1	7801.9
10°	4153.7	4329.5	4552.0	4895.4	5164.6	5681.1	6280.0	6876.1	7115.1	7156.3
12.5°	3648.2	3873.5	4170.2	4417.4	4675.6	5126.2	5700.3	6436.5	6747.0	6933.8
15°	3162.0	3395.5	3722.4	4065.8	4293.8	4832.2	5508.0	6337.6	6741.5	6906.3
17.5°	2662.0	2879.0	3148.2	3519.1	3977.9	4582.2	5477.8	6667.3	7109.6	7301.9
20°	2233.4	2354.3	2667.5	3049.3	3623.5	4326.7	5488.8	7153.5	7801.9	7887.0
22.5°	2065.8	2093.3	2216.9	2568.6	3197.7	4065.8	5683.8	7843.1	8579.3	8859.5
25°	1936.7	1931.2	1964.2	2200.5	2887.2	3964.1	5876.1	8477.7	9441.9	9746.8
27.5°	1865.3	1810.4	1813.1	2035.6	2667.5	3799.3	6123.4	9205.7	10419.9	10554.5
30°	1829.6	1818.6	1785.6	1876.3	2428.5	3552.0	6164.6	9922.7	10996.8	11191.8
32.5°	1807.6	1700.5	1659.3	1692.2	2203.2	3282.8	6318.4	10395.2	11711.0	11625.9
35°	1697.7	1601.6	1574.1	1607.1	2043.9	3131.7	6216.8	10807.2	12246.7	12389.6
37.5°	1656.5	1571.4	1516.4	1488.9	1895.5	3005.4	6164.6	11441.8	12765.9	13109.3
40°	1618.1	1527.4	1461.5	1434.0	1780.1	2837.8	6148.1	11930.8	13364.8	13570.9
42.5°	1574.1	1516.4	1442.2	1392.8	1640.0	2670.2	5958.5	12081.9	13548.9	13771.4
44°	1560.4	1472.5	1395.5	1379.1	1585.1	2585.1	5920.1	12219.3	13708.2	14046.1
45°	1546.6	1464.2	1376.3	1354.3	1565.9	2538.4	5867.9	12252.2	13971.9	14035.1
47.5°	1508.2	1456.0	1370.8	1310.4	1524.7	2436.7	5711.3	12065.4	13702.7	13713.7
50°	1478.0	1417.5	1329.6	1211.5	1469.7	2351.5	5782.7	11996.7	13054.4	13079.1
52.5°	1445.0	1354.3	1304.9	1101.6	1379.1	2280.1	5933.8	12307.2	13128.6	13123.1
55°	1406.5	1307.6	1186.8	1008.2	1228.0	2189.5	6299.2	12919.8	13815.3	13908.7
57.5°	1346.1	1260.9	1087.9	925.8	1054.9	2016.4	6181.1	11746.8	12711.0	12727.5
60°	1266.4	1186.8	986.2	862.6	865.3	1590.6	5527.2	9153.5	10029.8	10268.8
62.5°	1189.5	1145.6	901.1	771.9	736.2	1266.4	4672.9	7606.8	8609.5	8807.3
65°	1098.9	991.7	826.9	703.3	631.8	887.3	3310.3	5683.8	6716.7	6983.2
67.5°	983.5	868.1	728.0	618.1	541.2	593.4	1708.7	3230.6	4277.3	4433.9
70°	859.9	752.7	612.6	522.0	436.8	409.3	752.7	1541.1	2337.8	2499.9
72.5°	706.0	607.1	489.0	412.1	326.9	283.0	252.7	412.1	829.6	964.2
75°	511.0	442.3	368.1	293.9	230.8	181.3	148.3	123.6	137.4	148.3
77.5°	376.4	321.4	272.0	208.8	162.1	129.1	101.6	76.9	74.2	71.4
80°	293.9	261.0	217.0	167.6	126.4	96.1	71.4	52.2	46.7	46.7
82.5°	230.8	214.3	178.6	137.4	104.4	76.9	52.2	35.7	30.2	30.2
85°	87.9	87.9	129.1	112.6	79.7	54.9	35.7	19.2	16.5	16.5
87.5°	22.0	22.0	22.0	22.0	19.2	16.5	16.5	8.2	5.5	5.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)