

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: P648661

Luminaire Tested: **GALN-SA9B-835-U-SLR**

Issue Date: 1/4/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P648661  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-22)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/4/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GALN-SA9B-835-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(9) 80 CRI, 3500K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 34816.1 lumens  
Efficiency: N/A  
Efficacy: 95.6 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G4

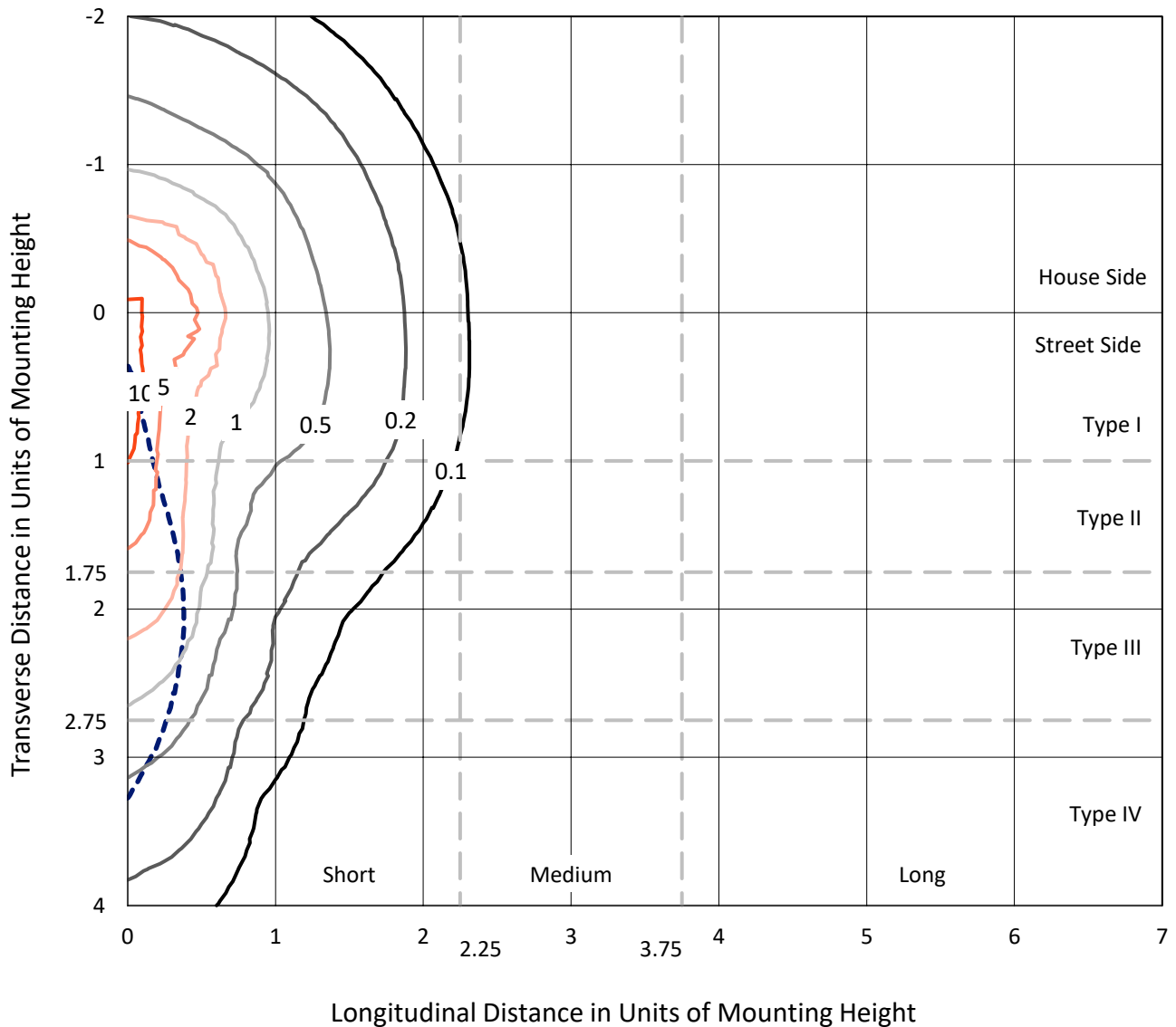
Input Watts (W): 364  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

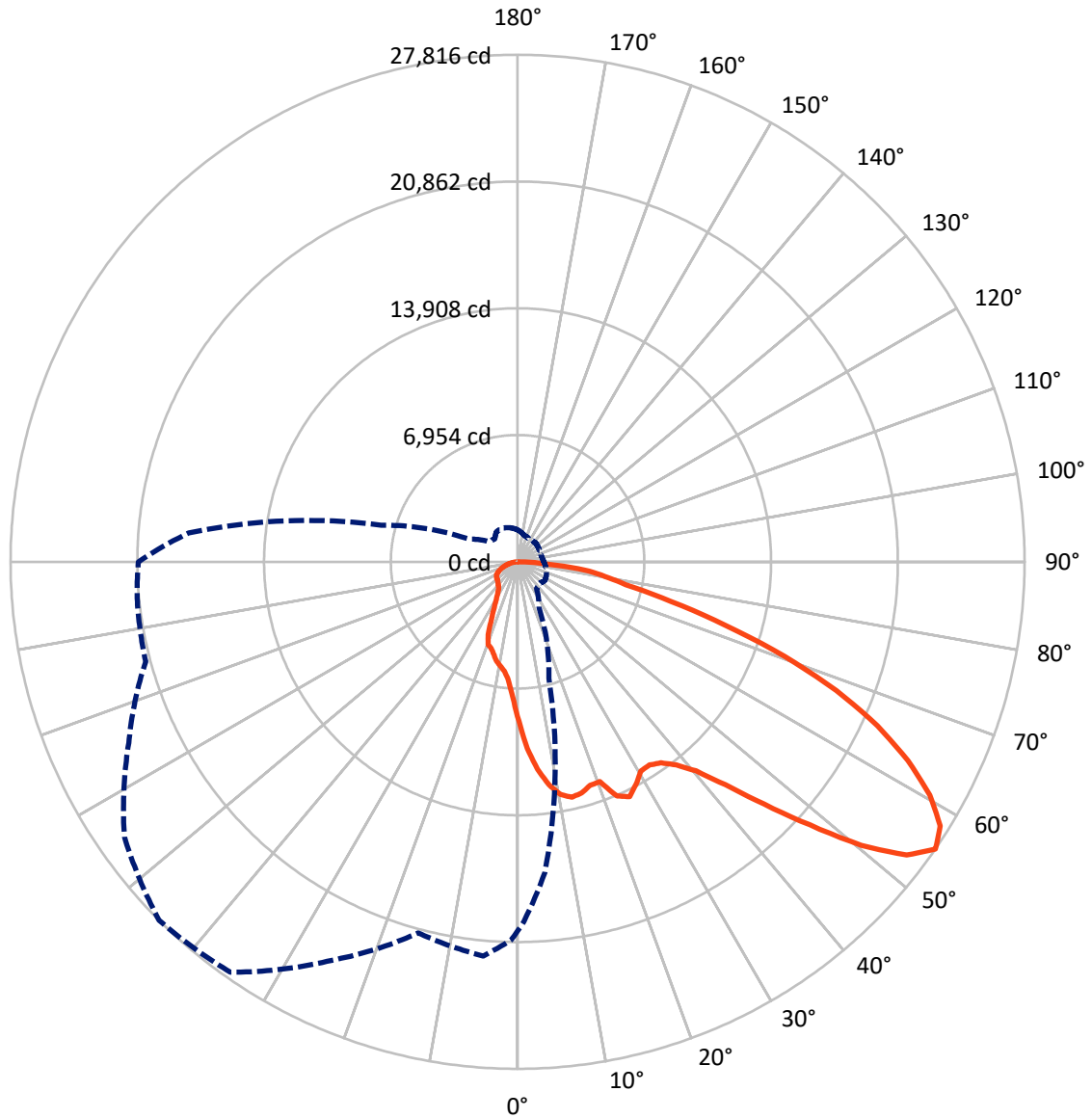
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 15 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral      - - - Horizontal Cone Through 55-Deg Vertical

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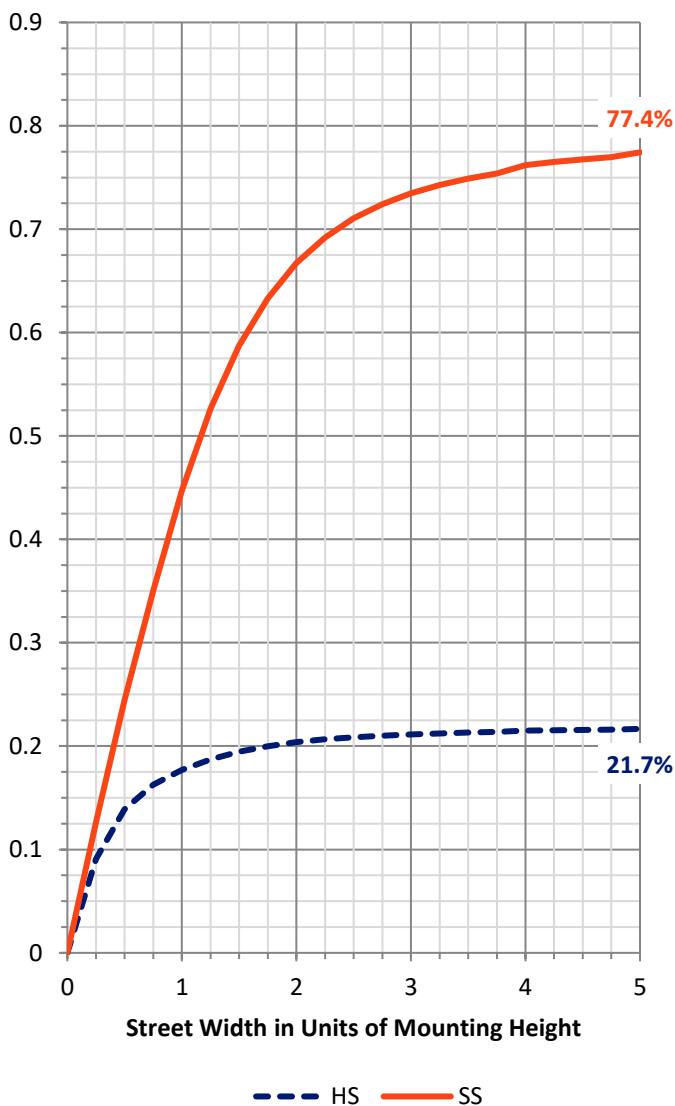
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	7615.9	0.0	7615.9
	% Fixture	21.9	0.0	21.9
<b>Street Side</b>	Lumens	27200.2	0.0	27200.2
	% Fixture	78.1	0.0	78.1
<b>Total</b>	Lumens	34816.1	0.0	34816.1
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	740.5	2.1
10°-20°	1964.6	5.6
20°-30°	3394.0	9.7
30°-40°	3944.4	11.3
40°-50°	5503.2	15.8
50°-60°	7467.2	21.4
60°-70°	7104.2	20.4
70°-80°	3837.9	11.0
80°-90°	860.1	2.5
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°	34816.1	100.0
0°-180°	34816.1	100.0

**Coefficient of Utilization**



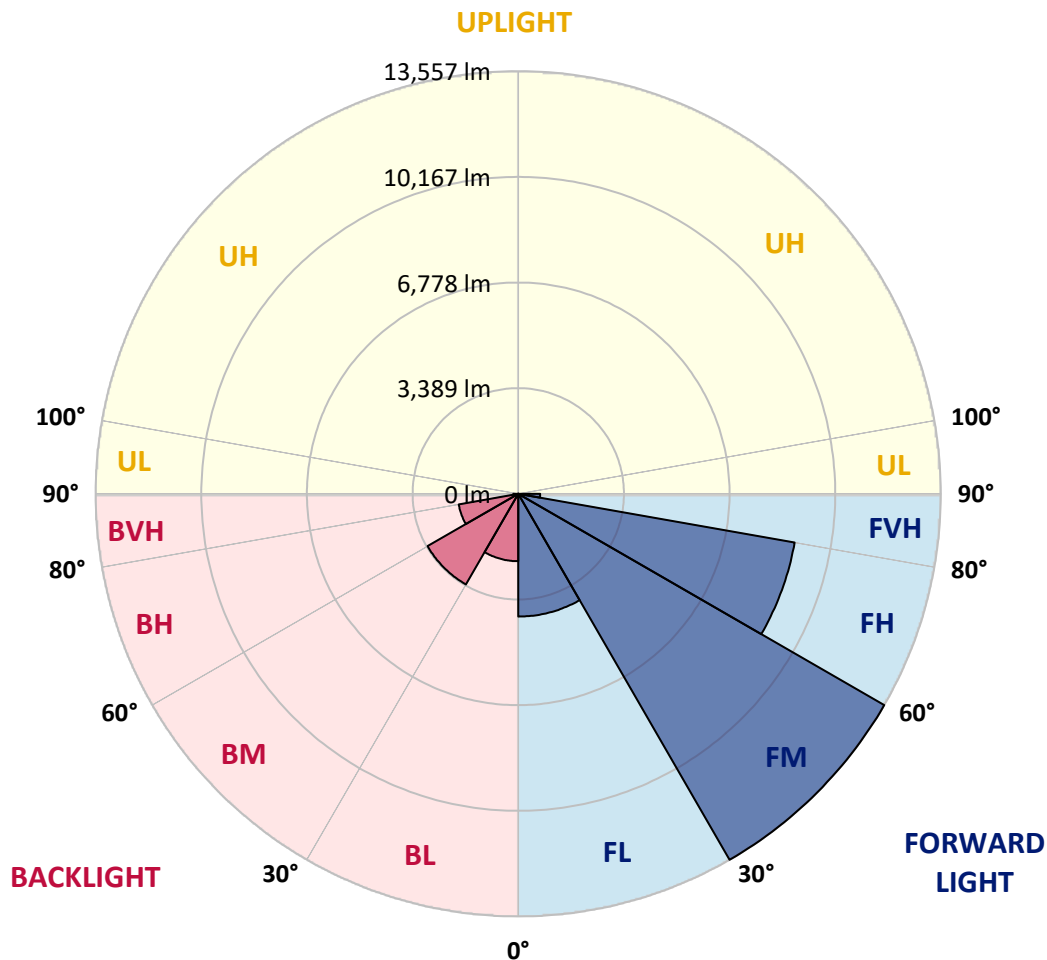
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3937.8	11.3			
FM (30°-60°)	13556.7	38.9			
FH (60°-80°)	9002.9	25.9			G4/12000
FVH (80°-90°)	702.9	2.0			G4/750
BL (0°-30°)	2161.4	6.2	B3/2500		
BM (30°-60°)	3358.1	9.6	B3/5000		
BH (60°-80°)	1939.2	5.6	B3/2500		G3/2500
BVH (80°-90°)	157.2	0.5			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G4**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	8737.5	8737.5	8737.5	8737.5	8737.5	8737.5	8737.5	8737.5	8737.5	8737.5	8737.5
2.5°	9706.8	9670.1	9566.7	9295.6	9022.3	8744.4	8530.8	8264.3	7986.4	7837.1	7646.5
5°	9840.0	9798.6	9555.2	8944.2	8390.6	7809.6	7345.6	6939.0	6773.6	6530.1	6334.9
7.5°	9527.6	9509.2	9144.0	8266.6	7508.7	6748.4	6222.3	5896.2	5599.9	5489.6	5512.6
10°	9242.8	9169.3	8712.2	7566.1	6681.7	6063.9	5687.2	5367.9	5158.9	5103.8	5115.3
12.5°	9006.2	8907.5	8367.7	7095.2	6321.2	5827.3	5347.3	5014.2	4823.5	4876.4	5055.5
15°	8958.0	8824.8	8223.0	6934.4	6123.6	5487.3	4961.3	4577.7	4435.4	4550.2	4837.3
17.5°	9270.3	9102.7	8471.0	6987.3	5935.2	5140.5	4495.0	4056.3	3936.9	4120.7	4495.0
20°	10274.1	10026.1	9245.1	7292.7	5916.9	4968.2	4224.1	3783.1	3833.6	4182.7	4573.2
22.5°	12130.0	11757.9	10600.3	7738.3	6013.4	4924.6	4168.9	3939.2	4217.2	4513.4	4770.7
25°	12497.5	12205.8	10843.8	7839.4	5992.7	4894.8	4325.1	4439.9	4750.0	4897.0	4807.5
27.5°	12704.3	12371.2	10827.6	7338.7	5358.7	4439.9	4134.5	4325.1	4403.2	4260.8	4017.3
30°	13186.6	12839.8	11101.0	6812.6	4412.4	3293.8	2887.2	2809.2	2861.9	2889.5	2802.3
32.5°	13850.4	13508.2	11615.5	6468.1	3815.2	2724.1	2324.5	2214.2	2189.0	2159.1	2124.7
35°	14709.4	14183.5	12120.8	6247.6	3569.4	2519.7	2152.2	2067.2	2032.7	1991.4	1954.7
37.5°	15582.3	15031.0	12759.4	6015.6	3406.4	2377.3	2037.4	1998.3	1938.6	1894.9	1842.2
40°	16510.3	15892.4	13340.5	5813.5	3247.8	2285.4	1954.7	1950.1	1872.0	1821.5	1759.4
42.5°	17314.2	16677.9	13859.6	5689.4	3126.1	2189.0	1904.2	1918.0	1837.5	1761.8	1681.3
45°	17952.7	17327.9	14339.6	5689.4	3027.3	2092.5	1894.9	1885.8	1805.4	1711.2	1619.3
47.5°	18513.2	17867.7	14808.3	5834.2	2965.3	2012.1	1844.4	1860.5	1777.8	1658.4	1568.8
50°	18947.3	18377.6	15439.9	6059.2	2903.3	1947.8	1780.2	1867.4	1754.9	1630.8	1527.5
52.5°	19500.8	18991.0	16200.2	6367.0	2850.5	1876.6	1722.7	1867.4	1752.5	1633.1	1520.6
55°	20268.0	19730.5	17116.6	6622.0	2765.5	1810.0	1672.2	1814.6	1745.6	1621.6	1502.2
57.5°	20805.5	20403.5	17764.4	6792.0	2643.7	1724.9	1626.2	1764.0	1715.8	1578.0	1447.1
58°	20830.8	20438.0	17858.5	6831.0	2613.9	1708.9	1614.7	1741.1	1702.0	1559.6	1428.7
60°	20541.4	20203.7	17876.9	6775.9	2443.9	1628.5	1555.0	1646.9	1628.5	1451.7	1329.9
62.5°	19489.3	19128.8	17135.0	6328.0	2218.8	1529.7	1463.1	1520.6	1479.2	1300.1	1187.5
65°	17994.0	17330.2	15609.9	5625.2	2058.0	1424.1	1339.1	1343.7	1300.1	1171.4	1072.6
67.5°	16002.6	15260.7	13216.5	4740.8	1936.3	1307.0	1192.1	1180.6	1127.8	1045.1	964.7
70°	13551.9	13044.2	10740.4	3856.5	1800.8	1178.3	1026.7	1019.9	987.7	925.7	854.5
72.5°	10983.8	10338.4	8673.1	3087.1	1635.4	1054.3	872.8	886.6	845.2	801.6	737.3
75°	8105.9	7683.2	6704.7	2476.1	1412.6	918.8	728.1	732.7	714.3	668.4	617.9
77.5°	5338.0	5211.7	4796.0	1626.2	1086.4	730.4	594.9	599.5	585.7	544.3	491.6
80°	3592.4	3507.4	3250.2	1047.4	725.8	528.3	459.4	464.0	461.7	418.0	346.9
82.5°	2214.2	2177.4	2094.8	707.4	503.0	379.0	303.2	317.0	342.2	294.0	236.5
85°	1045.1	1047.4	1265.6	385.9	296.3	243.4	165.4	176.9	176.9	176.9	133.2
87.5°	135.5	142.4	174.5	163.1	108.0	91.8	59.7	50.5	43.6	57.4	41.3
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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8737.5	8737.5	8737.5	8737.5	8737.5	8737.5	8737.5	8737.5	8737.5	8737.5	8737.5
2.5°	7579.8	7533.9	7435.1	7412.2	7398.4	7437.4	7334.0	7361.6	7315.7	7444.3	7423.6
5°	6346.4	6351.0	6431.4	6484.2	6502.6	6484.2	6415.3	6295.9	6203.9	6167.2	6176.4
7.5°	5468.9	5549.4	5687.2	5841.1	5981.2	6022.5	5983.5	5756.1	5508.0	5351.8	5301.3
10°	5177.3	5285.2	5443.7	5565.4	5689.4	5788.2	5808.9	5632.0	5338.0	4968.2	4823.5
12.5°	5193.3	5340.4	5492.0	5531.0	5519.5	5558.5	5540.2	5510.3	5317.4	4846.5	4605.3
15°	5041.7	5216.3	5322.0	5301.3	5264.5	5230.0	5181.8	5106.0	5037.1	4706.4	4439.9
17.5°	4692.6	4871.7	4959.1	4965.9	4965.9	4956.8	4839.6	4812.1	4802.8	4642.1	4479.0
20°	4756.9	4855.7	4816.6	4752.3	4770.7	4832.8	4763.8	4750.0	4802.8	4874.1	4844.2
22.5°	4793.7	4759.2	4465.2	4180.4	4116.1	4309.0	4348.1	4501.9	4715.5	4972.8	5140.5
25°	4566.3	4288.3	3762.3	3440.8	3259.3	3438.5	3672.7	3957.6	4276.8	4607.6	4802.8
27.5°	3817.5	3606.2	3229.5	2940.1	2781.6	2809.2	3009.0	3268.5	3564.8	3787.6	3930.0
30°	2875.7	2781.6	2586.3	2487.6	2391.1	2368.1	2453.1	2551.9	2682.8	2710.4	2747.1
32.5°	2117.8	2104.0	2115.4	2083.3	2064.9	2062.7	2037.4	2060.3	2074.1	2090.2	2058.0
35°	1915.6	1897.3	1865.1	1855.9	1844.4	1849.1	1837.5	1826.0	1835.3	1849.1	1858.2
37.5°	1812.3	1784.7	1738.7	1722.7	1722.7	1729.6	1711.2	1706.6	1722.7	1766.4	1789.3
40°	1731.8	1699.7	1646.9	1626.2	1640.0	1658.4	1633.1	1623.9	1662.9	1708.9	1745.6
42.5°	1656.0	1630.8	1580.3	1557.3	1568.8	1603.3	1566.5	1559.6	1610.2	1660.7	1704.3
45°	1591.8	1566.5	1520.6	1509.1	1513.7	1545.8	1520.6	1520.6	1568.8	1623.9	1662.9
47.5°	1541.3	1509.1	1479.2	1470.0	1474.6	1493.0	1488.4	1488.4	1534.4	1591.8	1630.8
50°	1490.7	1463.1	1424.1	1428.7	1440.2	1465.5	1463.1	1470.0	1516.0	1587.1	1628.5
52.5°	1467.7	1426.4	1382.8	1387.3	1421.8	1451.7	1442.4	1449.3	1502.2	1635.4	1695.1
55°	1442.4	1387.3	1336.8	1343.7	1382.8	1426.4	1414.9	1424.1	1486.1	1667.6	1750.2
57.5°	1394.2	1329.9	1274.8	1279.4	1336.8	1382.8	1364.4	1375.9	1449.3	1633.1	1720.4
58°	1373.5	1318.4	1265.6	1267.9	1323.0	1373.5	1352.9	1362.1	1437.9	1623.9	1706.6
60°	1286.3	1254.1	1208.2	1210.4	1263.3	1307.0	1295.5	1304.6	1378.2	1557.3	1619.3
62.5°	1166.8	1148.4	1137.0	1137.0	1169.1	1210.4	1221.9	1233.5	1300.1	1408.0	1463.1
65°	1038.2	1038.2	1040.5	1040.5	1061.2	1114.0	1120.9	1150.8	1212.8	1265.6	1307.0
67.5°	951.0	946.3	951.0	939.4	948.6	980.8	1015.2	1042.8	1107.1	1143.9	1157.7
70°	838.4	836.1	838.4	822.3	833.8	861.4	884.3	930.3	996.8	1024.4	1031.3
72.5°	728.1	728.1	732.7	721.2	721.2	751.1	767.2	817.7	879.7	895.8	898.1
75°	613.2	620.1	620.1	604.1	608.7	627.0	647.7	689.0	746.5	758.0	758.0
77.5°	486.9	512.2	512.2	496.1	503.0	505.3	532.9	553.6	597.2	601.8	583.4
80°	353.8	379.0	399.6	385.9	397.4	383.6	399.6	413.4	457.1	436.4	406.5
82.5°	252.7	271.1	287.1	289.4	278.0	252.7	273.3	275.6	296.3	268.7	252.7
85°	140.1	156.2	176.9	167.6	149.3	133.2	140.1	144.7	142.4	135.5	126.3
87.5°	36.7	39.1	43.6	32.2	29.8	25.3	34.5	34.5	39.1	41.3	39.1
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°	8737.5	8737.5	8737.5	8737.5	8737.5	8737.5	8737.5	8737.5	8737.5	8737.5	8737.5
2.5°	7439.8	7540.8	7759.0	7924.4	8126.5	8372.3	8661.7	8953.4	9268.1	9366.9	9504.7
5°	6155.7	6408.4	6514.1	6815.0	7113.6	7561.4	8039.2	8592.8	9199.2	9490.9	9771.1
7.5°	5260.0	5395.5	5505.7	5726.2	6084.5	6628.9	7228.4	7919.8	8778.8	9203.8	9614.9
10°	4777.6	4791.4	4926.9	5200.2	5512.6	5992.7	6560.0	7334.0	8291.9	8808.7	9291.0
12.5°	4458.3	4398.6	4545.6	4830.4	5184.2	5627.4	6148.8	6886.2	7940.5	8471.0	9054.5
15°	4178.1	4083.9	4194.1	4485.9	4835.0	5356.4	5916.9	6697.8	7802.6	8420.5	9068.2
17.5°	4185.0	3925.4	3964.5	4210.3	4557.1	5087.7	5767.6	6690.9	8011.7	8723.7	9490.9
20°	4701.8	4286.1	4109.2	4155.1	4490.5	5069.3	5836.5	7012.5	8698.4	9736.6	10556.6
22.5°	5209.4	4959.1	4674.2	4580.1	4763.8	5370.2	6275.2	7772.8	10191.4	11755.6	13237.2
25°	5032.6	5246.2	5174.9	5041.7	5083.1	5586.1	6573.8	8397.5	11351.4	13113.1	14505.1
27.5°	4026.5	4414.7	4492.8	4490.5	4506.6	4920.0	5912.3	7977.2	11496.1	13372.7	14702.5
30°	2829.8	2864.3	2905.6	2986.0	3059.5	3429.3	4626.0	7003.3	11431.8	13489.8	14822.0
32.5°	2042.0	2087.9	2145.3	2255.6	2430.1	2901.0	4047.2	6693.2	11771.7	13974.4	15171.2
35°	1867.4	1920.2	1975.4	2101.7	2267.0	2703.5	3817.5	6564.6	12329.8	14760.0	15798.2
37.5°	1812.3	1872.0	1920.2	2012.1	2145.3	2561.0	3608.5	6477.3	12901.8	15591.5	16638.9
40°	1773.3	1842.2	1881.2	1954.7	2046.5	2430.1	3422.4	6408.4	13455.4	16351.8	17314.2
42.5°	1738.7	1810.0	1860.5	1913.3	1989.1	2313.0	3257.0	6339.5	13935.4	17089.1	17987.2
45°	1697.4	1787.0	1851.3	1892.7	1959.3	2214.2	3130.7	6284.4	14482.1	17743.7	18667.0
47.5°	1662.9	1761.8	1842.2	1890.4	1915.6	2145.3	3029.7	6360.2	15139.0	18428.2	19298.7
50°	1665.3	1759.4	1860.5	1936.3	1869.7	2087.9	2967.6	6661.1	15993.5	19241.3	19797.1
52.5°	1738.7	1853.6	1934.0	1952.4	1805.4	2019.0	2935.5	7187.1	17004.1	19960.2	20300.1
55°	1821.5	1940.9	2028.2	2016.7	1770.9	1931.7	2928.6	7747.5	18111.2	20798.6	20954.8
57.5°	1791.6	1966.2	2099.4	2039.6	1773.3	1846.7	2898.7	8200.0	19036.8	21425.7	21602.5
58°	1782.4	1957.0	2108.5	2035.1	1766.4	1821.5	2891.9	8239.0	19165.5	21469.3	21694.4
60°	1692.8	1876.6	2101.7	2000.6	1727.3	1752.5	2816.1	8365.4	19131.0	21244.2	21749.5
62.5°	1529.7	1681.3	1943.2	1832.9	1607.8	1660.7	2646.1	8209.2	18198.5	20160.1	20943.3
65°	1346.0	1458.6	1633.1	1612.4	1437.9	1566.5	2414.1	7591.3	16331.1	18400.7	19225.2
67.5°	1208.2	1300.1	1410.3	1380.4	1293.2	1440.2	2163.7	6546.2	14236.3	16287.4	17325.7
70°	1068.1	1139.3	1194.4	1173.7	1146.2	1316.1	1940.9	5312.8	12228.8	14280.0	15286.0
72.5°	925.7	992.3	1038.2	1008.3	992.3	1185.2	1759.4	4123.0	9658.5	11780.9	13074.1
75°	774.1	840.7	872.8	838.4	829.2	1045.1	1490.7	3080.2	7246.7	9082.0	10198.3
77.5°	599.5	670.7	712.1	700.6	705.2	859.0	1203.5	2108.5	5181.8	6190.2	7366.2
80°	420.3	498.5	526.0	514.5	546.7	654.6	849.9	1339.1	3574.0	4017.3	4846.5
82.5°	259.6	333.1	337.6	349.1	372.1	484.7	640.8	815.4	2244.1	2319.9	2921.7
85°	130.9	158.5	170.0	188.3	209.0	296.3	365.2	505.3	1444.8	1093.3	1633.1
87.5°	43.6	46.0	55.1	68.9	85.0	121.8	156.2	206.7	358.3	197.6	505.3
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: P648661  
 CATALOG NUMBER: GALN-SA9B-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8737.5	8737.5	8737.5	8737.5	8737.5	8737.5	8737.5	8737.5	8737.5	8737.5
2.5°	9782.6	9977.8	10120.2	10251.1	10124.8	10113.3	9989.3	9789.5	9706.8	9706.8
5°	10359.1	10816.2	11186.0	11422.6	11321.5	11078.0	10676.0	10163.9	9888.3	9840.0
7.5°	10517.6	11420.3	12107.1	12350.6	12180.6	11643.1	10873.6	10010.0	9614.9	9527.6
10°	10421.1	11594.8	12603.2	12989.1	12752.5	11939.4	10889.7	9830.8	9343.9	9242.8
12.5°	10320.0	11617.8	12695.1	13253.2	13099.4	12178.2	11006.9	9713.7	9150.9	9006.2
15°	10393.5	11627.0	12582.5	13159.0	13257.8	12465.4	11199.8	9798.6	9111.8	8958.0
17.5°	10857.5	11801.5	12421.7	12888.0	13234.8	12855.8	11748.8	10205.2	9461.0	9270.3
20°	11826.8	12219.6	12513.6	12874.2	13432.4	13652.9	12872.0	11321.5	10441.8	10274.1
22.5°	14633.6	14562.5	13960.7	13953.8	14762.3	15646.6	15593.8	13590.8	12267.8	12130.0
25°	15685.7	15354.9	14484.4	14273.1	14629.1	15993.5	15795.9	14054.8	12832.9	12497.5
27.5°	15274.5	14454.5	13882.6	13834.4	13717.2	15005.8	15481.2	14243.2	13030.5	12704.3
30°	15249.2	14043.3	13225.7	13322.1	13434.7	14665.8	15655.8	14833.5	13535.7	13186.6
32.5°	15311.3	14100.8	13273.9	13292.3	13627.6	14716.3	15848.7	15476.6	14199.5	13850.4
35°	15561.7	14426.9	13581.7	13538.1	14061.7	15047.1	16177.2	16487.3	15106.8	14709.4
37.5°	15965.9	15077.0	14144.4	14132.9	14893.2	15644.3	16586.1	17507.1	16009.5	15582.3
40°	16560.8	15837.3	15145.9	15083.9	16023.3	16615.9	17116.6	18593.6	17059.2	16510.3
42.5°	17279.7	16749.2	16466.6	16712.4	17615.1	17706.9	17943.5	19597.3	17952.7	17314.2
45°	17945.8	17920.6	18313.4	18965.7	19491.7	18940.4	18807.2	20270.3	18646.4	17952.7
47.5°	18738.3	19422.8	20607.9	21563.5	22114.7	20375.9	19544.5	20709.0	19151.7	18513.2
50°	19542.2	21221.3	23113.9	24446.1	24563.3	21935.6	20052.1	21122.4	19611.1	18947.3
52.5°	20387.4	22656.8	25176.5	26724.7	26497.3	23293.1	20543.6	21402.7	20084.3	19500.8
55°	21122.4	23536.5	26329.5	27815.7	27482.7	24119.9	21074.2	21705.9	20759.5	20268.0
57.5°	21533.6	23610.0	26042.5	27340.2	26979.6	23959.2	21317.7	21931.0	21191.3	20805.5
58°	21593.3	23511.3	25787.5	27064.6	26697.1	23823.6	21315.4	21921.8	21218.9	20830.8
60°	21540.5	22870.4	24838.9	25975.9	25590.0	22973.8	21228.1	21749.5	20869.8	20541.4
62.5°	21051.3	21758.7	23201.2	24028.1	23917.8	21646.2	20869.8	21099.5	19806.3	19489.3
65°	20408.1	20242.7	21104.1	21689.8	21772.5	20651.6	20513.8	19693.8	18442.0	17994.0
67.5°	19627.1	18524.7	18522.3	18855.4	18993.2	19121.9	19771.8	18166.3	16475.8	16002.6
70°	18301.8	15876.3	15145.9	15538.6	15423.8	16510.3	18446.5	16021.0	14105.4	13551.9
72.5°	15871.7	12598.6	11429.5	11934.8	11645.4	12947.8	16140.4	13184.3	11663.7	10983.8
75°	12865.1	9424.3	8218.4	8682.4	8503.2	9821.6	13430.1	9575.9	8365.4	8105.9
77.5°	9989.3	6828.8	6128.1	6063.9	6197.1	7308.8	9851.5	6465.9	5514.9	5338.0
80°	6417.6	4887.9	4929.2	4846.5	4915.4	4607.6	5981.2	4125.2	3734.8	3592.4
82.5°	4224.1	3406.4	4061.0	3748.5	3560.2	3098.6	3923.1	2701.2	2292.3	2214.2
85°	2878.1	2508.3	2283.1	1745.6	2055.8	2386.5	2942.4	1454.0	1153.0	1045.1
87.5°	1300.1	872.8	640.8	395.1	624.8	721.2	1428.7	170.0	130.9	135.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)