

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: P647451

Luminaire Tested: **GALN-SA5D-835-U-SLR**

Issue Date: 1/4/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P647451  
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-SA5D-835-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(5) 80 CRI, 3500K, 1200mA 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: 26147.5 lumens  
Efficiency: N/A  
Efficacy: 84.6 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G4

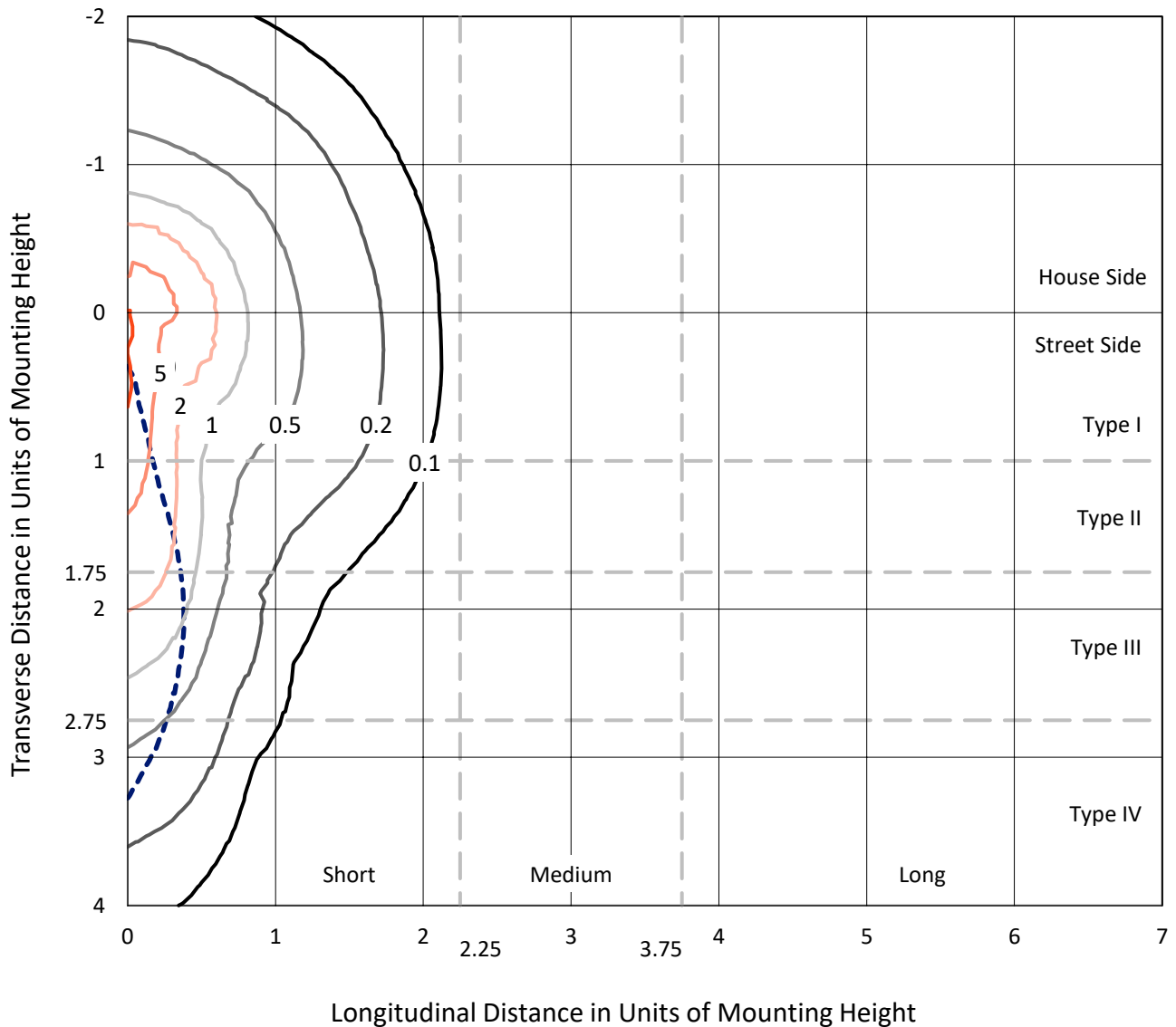
Input Watts (W): 309  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P647451  
 CATALOG NUMBER: GALN-SA5D-835-U-SLR

### Iso-Footcandle Lines of Horizontal Illumination

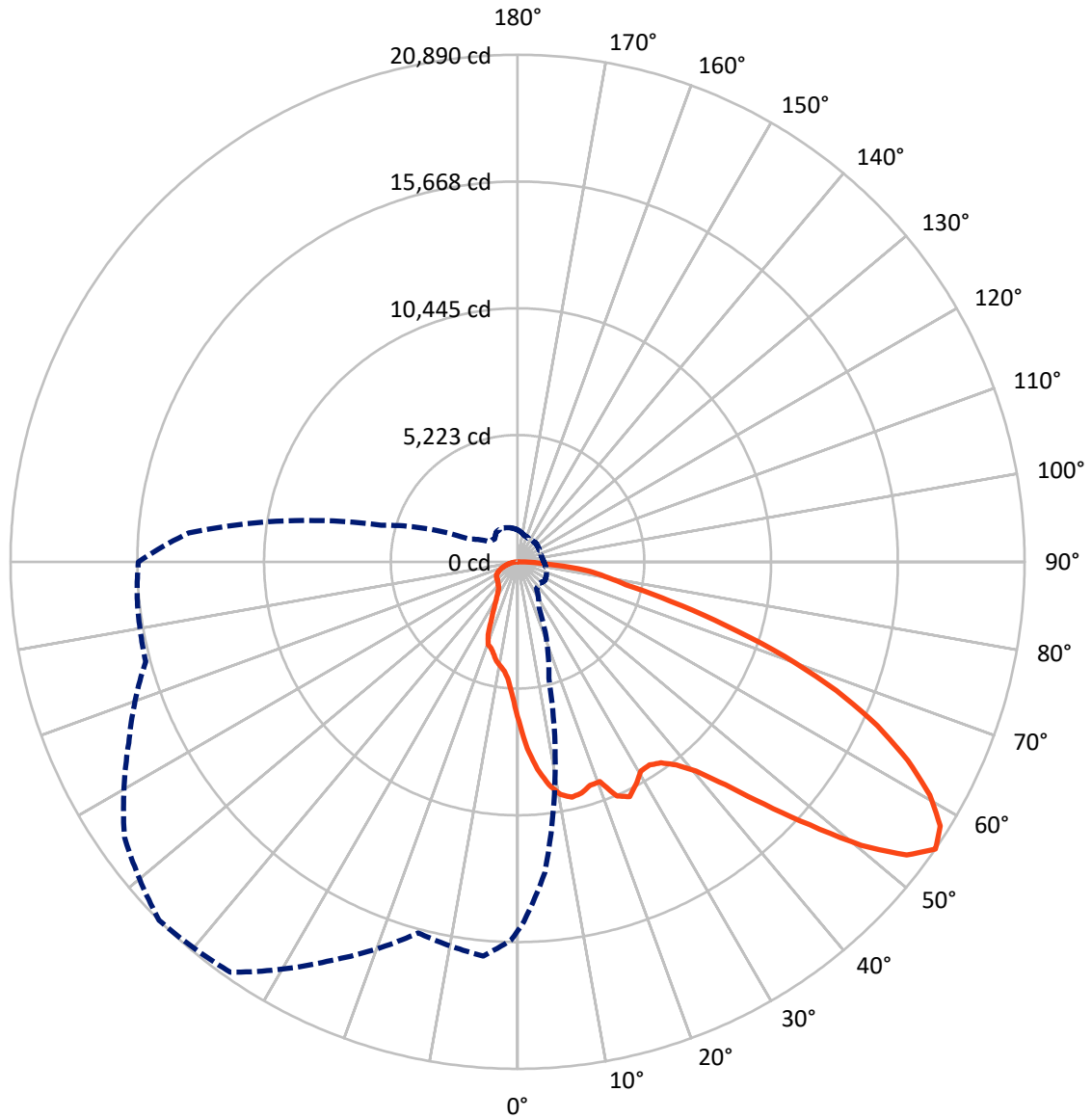
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.2 fc  
 Type IV - Short - N/A

REPORT NUMBER: P647451  
CATALOG NUMBER: GALN-SA5D-835-U-SLR

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P647451  
 CATALOG NUMBER: GALN-SA5D-835-U-SLR

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5719.6	0.0	5719.6
	% Fixture	21.9	0.0	21.9
<b>Street Side</b>	Lumens	20427.9	0.0	20427.9
	% Fixture	78.1	0.0	78.1
<b>Total</b>	Lumens	26147.5	0.0	26147.5
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	556.2	2.1
10°-20°	1475.5	5.6
20°-30°	2549.0	9.7
30°-40°	2962.3	11.3
40°-50°	4133.0	15.8
50°-60°	5608.0	21.4
60°-70°	5335.4	20.4
70°-80°	2882.3	11.0
80°-90°	646.0	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°	26147.5	100.0
0°-180°	26147.5	100.0

**Coefficient of Utilization**

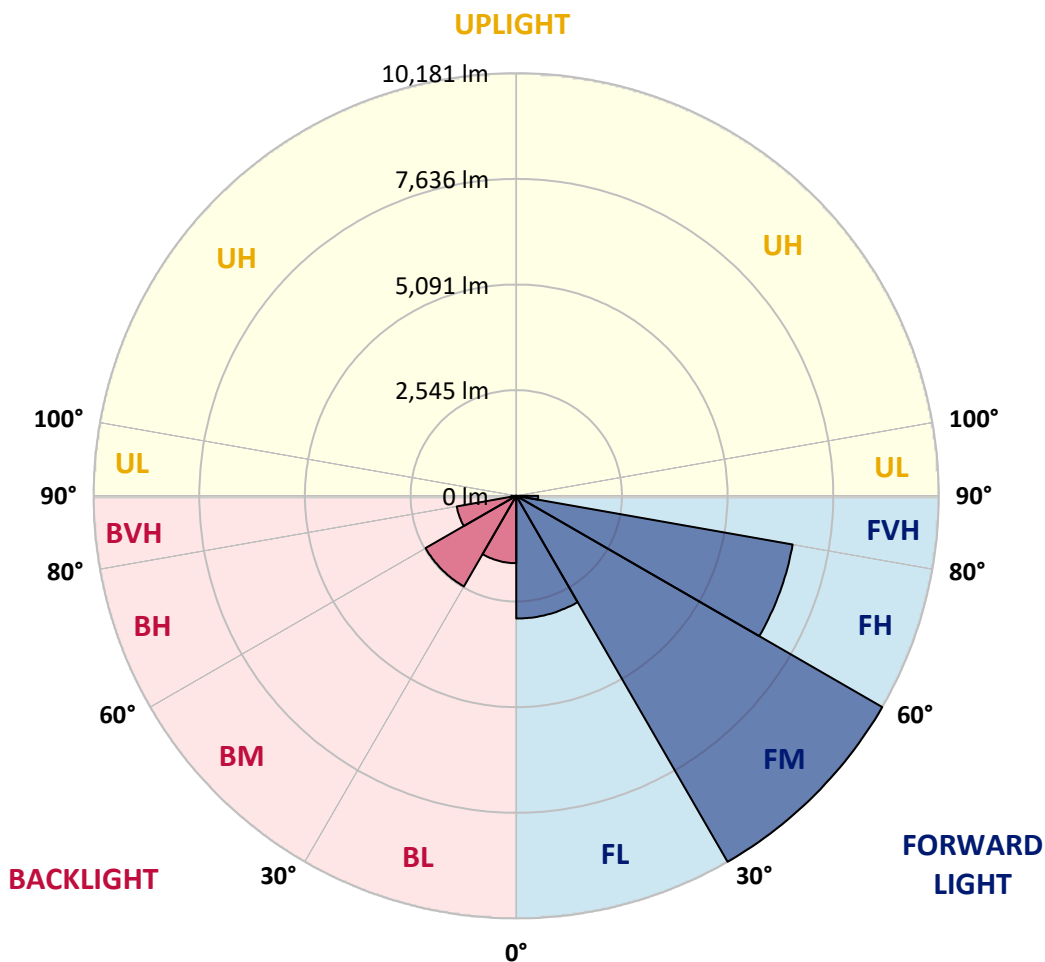


REPORT NUMBER: P647451  
 CATALOG NUMBER: GALN-SA5D-835-U-SLR

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2957.3	11.3			
FM (30°-60°)	10181.3	38.9			
FH (60°-80°)	6761.3	25.9			G3/7500
FVH (80°-90°)	527.9	2.0			G4/750
BL (0°-30°)	1623.2	6.2	B3/2500		
BM (30°-60°)	2522.0	9.6	B3/5000		
BH (60°-80°)	1456.4	5.6	B3/2500		G3/2500
BVH (80°-90°)	118.0	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





REPORT NUMBER: P647451

CATALOG NUMBER: GALN-SA5D-835-U-SLR

**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	6562.0	6562.0	6562.0	6562.0	6562.0	6562.0	6562.0	6562.0	6562.0	6562.0	6562.0
2.5°	7290.0	7262.3	7184.7	6981.1	6775.9	6567.2	6406.7	6206.7	5997.9	5885.8	5742.6
5°	7390.0	7358.9	7176.1	6717.3	6301.5	5865.1	5516.6	5211.3	5087.1	4904.2	4757.6
7.5°	7155.4	7141.6	6867.3	6208.4	5639.1	5068.1	4673.1	4428.2	4205.6	4122.8	4140.0
10°	6941.5	6886.3	6543.1	5682.2	5018.1	4554.1	4271.2	4031.4	3874.4	3833.0	3841.6
12.5°	6763.9	6689.6	6284.3	5328.6	4747.3	4376.4	4015.9	3765.8	3622.5	3662.2	3796.8
15°	6727.6	6627.5	6175.6	5207.9	4599.0	4121.1	3726.1	3438.0	3331.0	3417.2	3632.9
17.5°	6962.2	6836.3	6361.9	5247.5	4457.5	3860.6	3375.9	3046.4	2956.7	3094.7	3375.9
20°	7716.1	7529.7	6943.3	5476.9	4443.7	3731.2	3172.3	2841.1	2879.1	3141.2	3434.6
22.5°	9109.9	8830.4	7961.0	5811.6	4516.1	3698.4	3130.9	2958.4	3167.2	3389.7	3582.9
25°	9385.9	9166.8	8143.8	5887.5	4500.6	3676.0	3248.2	3334.5	3567.3	3677.8	3610.5
27.5°	9541.1	9291.0	8131.8	5511.5	4024.5	3334.5	3105.1	3248.2	3306.8	3199.9	3017.1
30°	9903.4	9642.9	8337.1	5116.4	3313.8	2473.7	2168.4	2109.7	2149.4	2170.1	2104.5
32.5°	10401.9	10144.9	8723.5	4857.7	2865.2	2045.9	1745.7	1662.9	1644.0	1621.5	1595.7
35°	11047.0	10652.0	9103.0	4692.0	2680.7	1892.4	1616.3	1552.5	1526.6	1495.6	1468.0
37.5°	11702.6	11288.6	9582.5	4517.8	2558.2	1785.4	1530.1	1500.8	1455.9	1423.2	1383.5
40°	12399.5	11935.4	10019.0	4366.0	2439.2	1716.4	1468.0	1464.5	1405.9	1368.0	1321.4
42.5°	13003.3	12525.4	10408.8	4272.9	2347.7	1644.0	1430.1	1440.4	1380.0	1323.1	1262.7
45°	13482.8	13013.6	10769.3	4272.9	2273.6	1571.5	1423.2	1416.2	1355.8	1285.1	1216.2
47.5°	13903.7	13419.0	11121.3	4381.6	2227.0	1511.1	1385.2	1397.3	1335.2	1245.4	1178.2
50°	14229.8	13801.9	11595.6	4550.6	2180.4	1462.8	1336.9	1402.4	1317.9	1224.8	1147.2
52.5°	14645.5	14262.5	12166.6	4781.8	2140.7	1409.3	1293.8	1402.4	1316.2	1226.5	1142.0
55°	15221.6	14818.0	12854.9	4973.2	2076.9	1359.3	1255.9	1362.7	1311.1	1217.9	1128.1
57.5°	15625.3	15323.4	13341.4	5100.9	1985.5	1295.5	1221.3	1324.8	1288.6	1185.1	1086.8
58°	15644.3	15349.3	13412.1	5130.2	1963.1	1283.4	1212.7	1307.5	1278.2	1171.3	1072.9
60°	15426.9	15173.4	13425.9	5088.8	1835.4	1223.0	1167.8	1236.8	1223.0	1090.2	998.8
62.5°	14636.9	14366.0	12868.7	4752.4	1666.4	1148.9	1098.9	1142.0	1110.9	976.4	891.8
65°	13513.9	13015.3	11723.3	4224.6	1545.6	1069.5	1005.7	1009.1	976.4	879.8	805.6
67.5°	12018.3	11461.1	9925.8	3560.5	1454.2	981.6	895.3	886.7	847.0	784.9	724.5
70°	10177.7	9796.4	8066.2	2896.3	1352.4	884.9	771.1	765.9	741.7	695.1	641.7
72.5°	8249.1	7764.3	6513.7	2318.5	1228.2	791.8	655.5	665.9	634.8	602.0	553.7
75°	6087.6	5770.2	5035.3	1859.5	1060.9	690.0	546.8	550.3	536.5	502.0	464.0
77.5°	4009.0	3914.1	3601.9	1221.3	816.0	548.6	446.8	450.2	439.9	408.8	369.2
80°	2697.9	2634.1	2440.9	786.6	545.1	396.7	345.0	348.4	346.7	314.0	260.5
82.5°	1662.9	1635.3	1573.2	531.3	377.8	284.6	227.7	238.0	257.1	220.8	177.7
85°	784.9	786.6	950.5	289.8	222.5	182.8	124.2	132.8	132.8	132.8	100.1
87.5°	101.8	107.0	131.1	122.5	81.0	69.0	44.9	38.0	32.8	43.1	31.1
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: P647451  
 CATALOG NUMBER: GALN-SA5D-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6562.0	6562.0	6562.0	6562.0	6562.0	6562.0	6562.0	6562.0	6562.0	6562.0	6562.0
2.5°	5692.6	5658.1	5583.9	5566.7	5556.3	5585.6	5508.0	5528.7	5494.2	5590.8	5575.3
5°	4766.3	4769.7	4830.1	4869.7	4883.6	4869.7	4818.0	4728.3	4659.3	4631.7	4638.6
7.5°	4107.3	4167.7	4271.2	4386.8	4492.0	4523.0	4493.7	4322.9	4136.6	4019.3	3981.4
10°	3888.2	3969.3	4088.3	4179.7	4272.9	4347.1	4362.6	4229.8	4009.0	3731.2	3622.5
12.5°	3900.3	4010.7	4124.5	4153.9	4145.2	4174.6	4160.8	4138.3	3993.5	3639.8	3458.7
15°	3786.4	3917.5	3996.9	3981.4	3953.8	3927.9	3891.7	3834.7	3783.0	3534.6	3334.5
17.5°	3524.2	3658.8	3724.3	3729.5	3729.5	3722.6	3634.6	3613.9	3607.0	3486.3	3363.8
20°	3572.5	3646.7	3617.4	3569.1	3582.9	3629.4	3577.7	3567.3	3607.0	3660.5	3638.1
22.5°	3600.2	3574.2	3353.4	3139.5	3091.3	3236.1	3265.5	3381.1	3541.5	3734.7	3860.6
25°	3429.4	3220.6	2825.6	2584.1	2447.8	2582.3	2758.4	2972.2	3212.0	3460.4	3607.0
27.5°	2867.0	2708.3	2425.4	2208.1	2089.0	2109.7	2259.8	2454.7	2677.2	2844.6	2951.5
30°	2159.7	2089.0	1942.4	1868.2	1795.7	1778.5	1842.3	1916.5	2014.8	2035.6	2063.1
32.5°	1590.5	1580.1	1588.8	1564.6	1550.8	1549.1	1530.1	1547.4	1557.7	1569.8	1545.6
35°	1438.7	1424.9	1400.7	1393.8	1385.2	1388.7	1380.0	1371.4	1378.3	1388.7	1395.5
37.5°	1361.0	1340.3	1305.8	1293.8	1293.8	1298.9	1285.1	1281.7	1293.8	1326.6	1343.8
40°	1300.6	1276.5	1236.8	1221.3	1231.7	1245.4	1226.5	1219.6	1248.9	1283.4	1311.1
42.5°	1243.7	1224.8	1186.8	1169.6	1178.2	1204.1	1176.5	1171.3	1209.3	1247.2	1280.0
45°	1195.4	1176.5	1142.0	1133.3	1136.8	1161.0	1142.0	1142.0	1178.2	1219.6	1248.9
47.5°	1157.5	1133.3	1110.9	1104.0	1107.5	1121.3	1117.8	1117.8	1152.3	1195.4	1224.8
50°	1119.5	1098.9	1069.5	1072.9	1081.6	1100.6	1098.9	1104.0	1138.5	1192.0	1223.0
52.5°	1102.3	1071.2	1038.5	1041.9	1067.8	1090.2	1083.3	1088.5	1128.1	1228.2	1273.1
55°	1083.3	1041.9	1004.0	1009.1	1038.5	1071.2	1062.6	1069.5	1116.1	1252.4	1314.5
57.5°	1047.1	998.8	957.4	960.8	1004.0	1038.5	1024.6	1033.3	1088.5	1226.5	1292.0
58°	1031.6	990.2	950.5	952.2	993.6	1031.6	1016.0	1022.9	1079.8	1219.6	1281.7
60°	966.0	941.9	907.3	909.1	948.8	981.6	972.9	979.8	1035.0	1169.6	1216.2
62.5°	876.3	862.5	853.9	853.9	878.1	909.1	917.7	926.4	976.4	1057.4	1098.9
65°	779.7	779.7	781.4	781.4	796.9	836.6	841.8	864.3	910.8	950.5	981.6
67.5°	714.2	710.7	714.2	705.6	712.5	736.6	762.5	783.2	831.5	859.0	869.4
70°	629.6	627.9	629.6	617.6	626.2	646.9	664.1	698.7	748.6	769.4	774.5
72.5°	546.8	546.8	550.3	541.7	541.7	564.1	576.1	614.1	660.7	672.8	674.5
75°	460.6	465.7	465.7	453.7	457.1	470.9	486.5	517.5	560.6	569.2	569.2
77.5°	365.7	384.7	384.7	372.6	377.8	379.5	400.2	415.7	448.5	451.9	438.2
80°	265.7	284.6	300.1	289.8	298.4	288.1	300.1	310.5	343.3	327.8	305.3
82.5°	189.7	203.6	215.6	217.4	208.7	189.7	205.3	207.0	222.5	201.9	189.7
85°	105.2	117.3	132.8	125.9	112.1	100.1	105.2	108.7	107.0	101.8	94.9
87.5°	27.6	29.4	32.8	24.1	22.4	18.9	25.8	25.8	29.4	31.1	29.4
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: P647451  
 CATALOG NUMBER: GALN-SA5D-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	6562.0	6562.0	6562.0	6562.0	6562.0	6562.0	6562.0	6562.0	6562.0	6562.0	6562.0
2.5°	5587.3	5663.3	5827.2	5951.3	6103.2	6287.7	6505.1	6724.2	6960.5	7034.6	7138.1
5°	4623.1	4812.8	4892.2	5118.2	5342.4	5678.8	6037.6	6453.3	6908.7	7127.8	7338.3
7.5°	3950.3	4052.1	4134.9	4300.5	4569.6	4978.4	5428.7	5947.9	6593.0	6912.2	7221.0
10°	3588.0	3598.4	3700.1	3905.4	4140.0	4500.6	4926.7	5508.0	6227.4	6615.5	6977.7
12.5°	3348.3	3303.4	3413.8	3627.7	3893.4	4226.3	4617.9	5171.6	5963.4	6361.9	6800.0
15°	3137.8	3067.1	3149.9	3369.0	3631.2	4022.7	4443.7	5030.1	5859.9	6324.0	6810.4
17.5°	3143.0	2948.1	2977.4	3162.0	3422.4	3821.0	4331.6	5025.0	6016.9	6551.7	7127.8
20°	3531.1	3218.9	3086.0	3120.6	3372.5	3807.1	4383.3	5266.5	6532.6	7312.4	7928.2
22.5°	3912.3	3724.3	3510.4	3439.7	3577.7	4033.1	4712.8	5837.5	7654.0	8828.7	9941.4
25°	3779.5	3940.0	3886.5	3786.4	3817.5	4195.2	4937.0	6306.7	8525.1	9848.2	10893.6
27.5°	3023.9	3315.5	3374.2	3372.5	3384.5	3695.0	4440.2	5991.0	8633.7	10043.1	11041.9
30°	2125.2	2151.1	2182.1	2242.5	2297.7	2575.4	3474.2	5259.6	8585.4	10131.1	11131.6
32.5°	1533.6	1568.0	1611.2	1693.9	1825.1	2178.7	3039.5	5026.7	8840.8	10495.1	11393.8
35°	1402.4	1442.1	1483.6	1578.4	1702.6	2030.3	2867.0	4930.2	9259.9	11085.0	11864.7
37.5°	1361.0	1405.9	1442.1	1511.1	1611.2	1923.4	2710.0	4864.5	9689.5	11709.5	12496.1
40°	1331.7	1383.5	1412.8	1468.0	1537.0	1825.1	2570.3	4812.8	10105.2	12280.5	13003.3
42.5°	1305.8	1359.3	1397.3	1437.0	1493.9	1737.1	2446.1	4761.1	10465.7	12834.2	13508.7
45°	1274.8	1342.1	1390.4	1421.5	1471.4	1662.9	2351.2	4719.7	10876.3	13325.8	14019.3
47.5°	1248.9	1323.1	1383.5	1419.7	1438.7	1611.2	2275.3	4776.6	11369.6	13839.9	14493.6
50°	1250.6	1321.4	1397.3	1454.2	1404.2	1568.0	2228.7	5002.6	12011.4	14450.6	14868.0
52.5°	1305.8	1392.1	1452.5	1466.2	1355.8	1516.3	2204.6	5397.6	12770.3	14990.5	15245.8
55°	1368.0	1457.6	1523.2	1514.6	1330.0	1450.7	2199.4	5818.6	13601.8	15620.1	15737.4
57.5°	1345.5	1476.7	1576.6	1531.9	1331.7	1386.9	2177.0	6158.4	14297.0	16091.0	16223.8
58°	1338.6	1469.7	1583.5	1528.3	1326.6	1368.0	2171.8	6187.7	14393.7	16123.8	16292.9
60°	1271.4	1409.3	1578.4	1502.5	1297.2	1316.2	2114.9	6282.6	14367.7	15954.8	16334.2
62.5°	1148.9	1262.7	1459.4	1376.6	1207.5	1247.2	1987.3	6165.3	13667.4	15140.6	15728.8
65°	1010.9	1095.4	1226.5	1211.0	1079.8	1176.5	1813.0	5701.2	12264.9	13819.2	14438.4
67.5°	907.3	976.4	1059.2	1036.8	971.2	1081.6	1625.0	4916.3	10691.7	12232.2	13011.9
70°	802.1	855.6	897.0	881.5	860.8	988.5	1457.6	3990.0	9184.0	10724.5	11480.0
72.5°	695.1	745.2	779.7	757.3	745.2	890.1	1321.4	3096.5	7253.7	8847.7	9818.8
75°	581.3	631.3	655.5	629.6	622.7	784.9	1119.5	2313.3	5442.5	6820.8	7659.1
77.5°	450.2	503.7	534.8	526.1	529.6	645.2	903.9	1583.5	3891.7	4649.0	5532.1
80°	315.7	374.4	395.0	386.4	410.5	491.6	638.2	1005.7	2684.1	3017.1	3639.8
82.5°	195.0	250.1	253.6	262.2	279.5	364.0	481.3	612.4	1685.3	1742.3	2194.2
85°	98.3	119.0	127.6	141.5	157.0	222.5	274.3	379.5	1085.0	821.1	1226.5
87.5°	32.8	34.5	41.4	51.8	63.8	91.5	117.3	155.3	269.1	148.4	379.5
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: P647451

CATALOG NUMBER: GALN-SA5D-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6562.0	6562.0	6562.0	6562.0	6562.0	6562.0	6562.0	6562.0	6562.0	6562.0
2.5°	7346.9	7493.5	7600.5	7698.8	7603.9	7595.3	7502.2	7352.1	7290.0	7290.0
5°	7779.9	8123.2	8400.9	8578.5	8502.7	8319.8	8017.9	7633.2	7426.2	7390.0
7.5°	7898.9	8576.8	9092.6	9275.5	9147.8	8744.2	8166.3	7517.7	7221.0	7155.4
10°	7826.5	8707.9	9465.2	9755.0	9577.3	8966.7	8178.4	7383.1	7017.4	6941.5
12.5°	7750.5	8725.2	9534.2	9953.4	9837.8	9146.1	8266.4	7295.1	6872.5	6763.9
15°	7805.7	8732.1	9449.7	9882.7	9956.9	9361.7	8411.2	7358.9	6843.2	6727.6
17.5°	8154.2	8863.2	9329.0	9679.1	9939.6	9654.9	8823.5	7664.3	7105.4	6962.2
20°	8882.2	9177.2	9398.0	9668.8	10087.9	10253.5	9667.1	8502.7	7842.0	7716.1
22.5°	10990.1	10936.6	10484.7	10479.5	11086.7	11750.9	11711.2	10207.0	9213.4	9109.9
25°	11780.2	11531.8	10878.0	10719.3	10986.7	12011.4	11863.0	10555.5	9637.7	9385.9
27.5°	11471.4	10855.6	10426.0	10389.9	10301.9	11269.6	11626.7	10696.9	9786.1	9541.1
30°	11452.5	10546.8	9932.7	10005.2	10089.7	11014.3	11757.8	11140.2	10165.6	9903.4
32.5°	11499.1	10589.9	9968.9	9982.7	10234.6	11052.3	11902.7	11623.2	10664.1	10401.9
35°	11687.1	10834.9	10200.1	10167.3	10560.6	11300.6	12149.3	12382.2	11345.5	11047.0
37.5°	11990.6	11323.0	10622.7	10614.1	11185.1	11749.1	12456.4	13148.1	12023.4	11702.6
40°	12437.4	11894.1	11374.8	11328.3	12033.8	12478.8	12854.9	13964.1	12811.8	12399.5
42.5°	12977.4	12578.9	12366.7	12551.3	13229.3	13298.2	13475.9	14717.9	13482.8	13003.3
45°	13477.6	13458.7	13753.6	14243.6	14638.6	14224.6	14124.5	15223.4	14003.8	13482.8
47.5°	14072.8	14586.8	15476.9	16194.6	16608.5	15302.7	14678.3	15552.8	14383.2	13903.7
50°	14676.6	15937.5	17359.0	18359.5	18447.4	16474.0	15059.5	15863.3	14728.3	14229.8
52.5°	15311.3	17015.7	18908.0	20070.7	19899.9	17493.5	15428.6	16073.8	15083.6	14645.5
55°	15863.3	17676.4	19774.0	20890.0	20640.0	18114.5	15827.1	16301.5	15590.8	15221.6
57.5°	16172.2	17731.6	19558.3	20533.0	20262.2	17993.7	16010.0	16470.6	15915.1	15625.3
58°	16216.9	17657.4	19366.9	20326.0	20050.0	17891.9	16008.3	16463.7	15935.8	15644.3
60°	16177.3	17176.1	18654.4	19508.3	19218.5	17253.7	15942.7	16334.2	15673.6	15426.9
62.5°	15809.9	16341.2	17424.5	18045.5	17962.7	16256.6	15673.6	15846.1	14874.9	14636.9
65°	15326.8	15202.6	15849.6	16289.5	16351.5	15509.7	15406.2	14790.4	13850.3	13513.9
67.5°	14740.4	13912.3	13910.6	14160.7	14264.2	14360.8	14849.0	13643.2	12373.6	12018.3
70°	13745.0	11923.4	11374.8	11669.8	11583.5	12399.5	13853.7	12032.0	10593.4	10177.7
72.5°	11919.9	9461.8	8583.7	8963.2	8745.9	9724.0	12121.8	9901.7	8759.7	8249.1
75°	9661.9	7077.8	6172.2	6520.6	6386.1	7376.3	10086.2	7191.6	6282.6	6087.6
77.5°	7502.2	5128.5	4602.4	4554.1	4654.2	5489.1	7398.6	4855.9	4141.8	4009.0
80°	4819.8	3670.9	3701.9	3639.8	3691.5	3460.4	4492.0	3098.2	2804.9	2697.9
82.5°	3172.3	2558.2	3049.9	2815.3	2673.8	2327.1	2946.4	2028.6	1721.6	1662.9
85°	2161.5	1883.7	1714.7	1311.1	1543.9	1792.3	2209.8	1092.0	866.0	784.9
87.5°	976.4	655.5	481.3	296.7	469.2	541.7	1072.9	127.6	98.3	101.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)