

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: P459050

Luminaire Tested: **GALN-SA5C-735-U-SLR**

Issue Date: 1/4/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P459050  
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-SA5C-735-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(5) 70 CRI, 3500K, 1050mA 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: 28271 lumens  
Efficiency: N/A  
Efficacy: 105.1 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G4

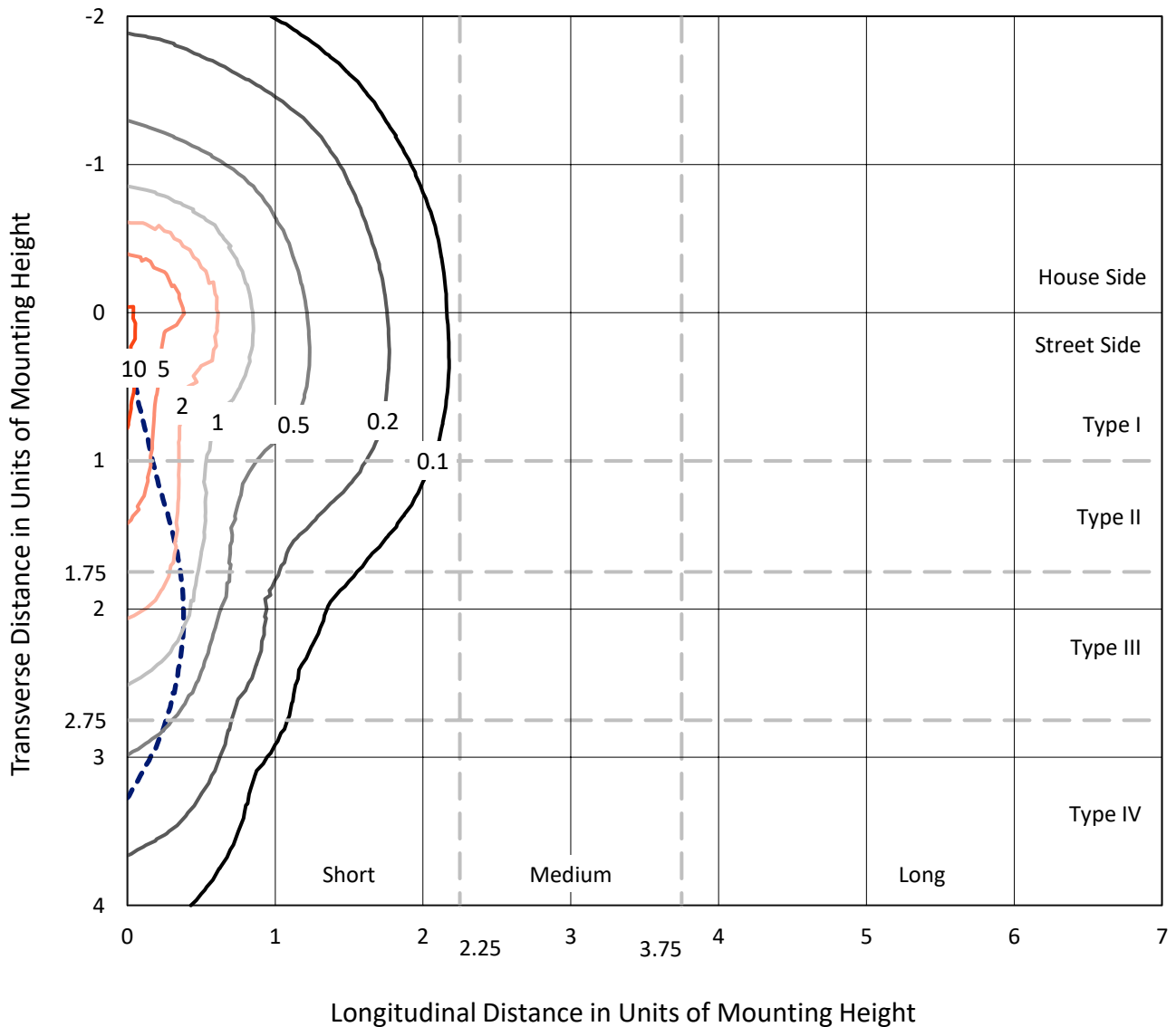
Input Watts (W): 269  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P459050  
 CATALOG NUMBER: GALN-SA5C-735-U-SLR

### Iso-Footcandle Lines of Horizontal Illumination

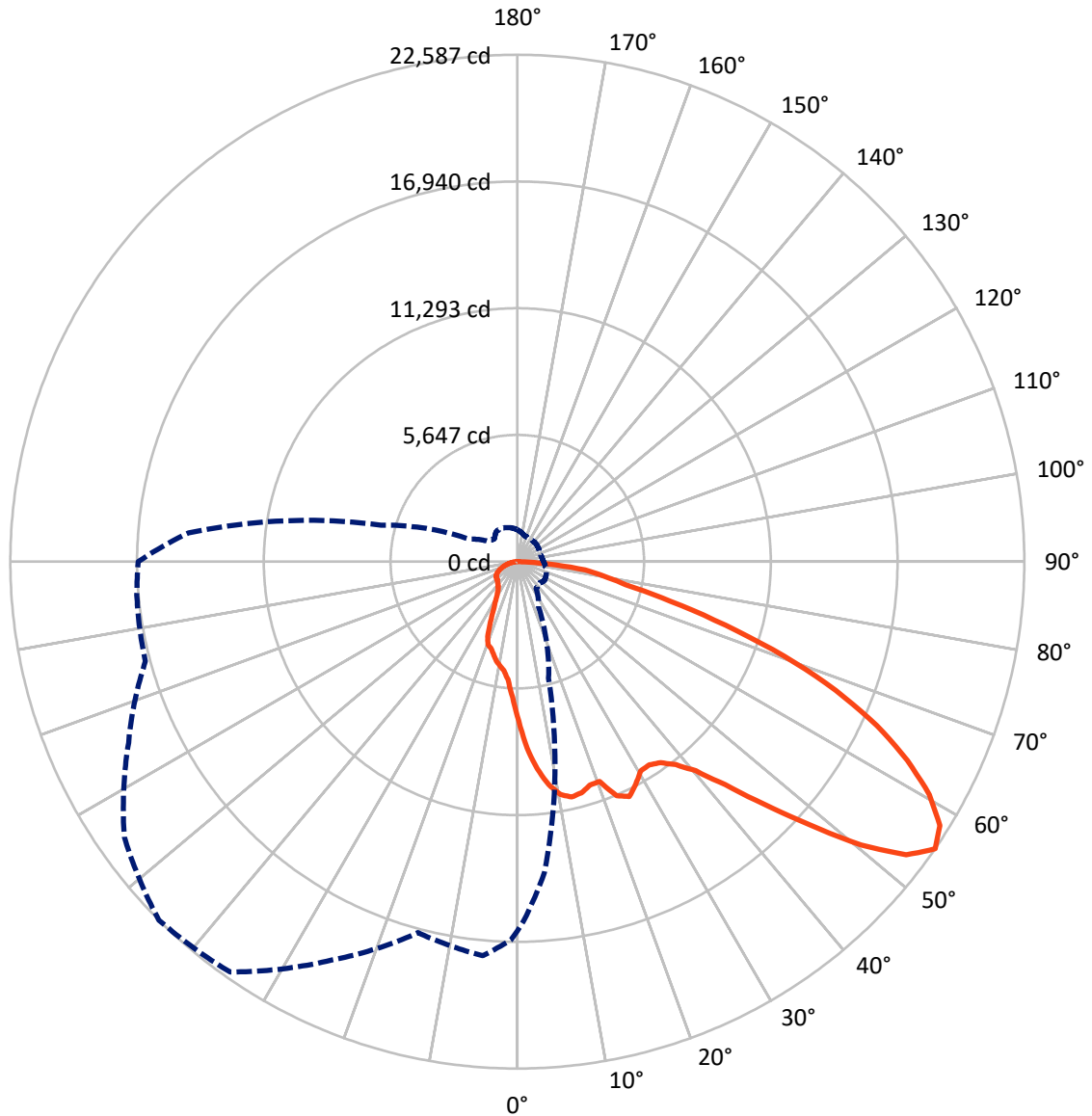
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.2 fc  
 Type IV - Short - N/A

REPORT NUMBER: P459050  
CATALOG NUMBER: GALN-SA5C-735-U-SLR

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P459050

CATALOG NUMBER: GALN-SA5C-735-U-SLR

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	6184.1	0.0	6184.1
	% Fixture	21.9	0.0	21.9
<b>Street Side</b>	Lumens	22086.8	0.0	22086.8
	% Fixture	78.1	0.0	78.1
<b>Total</b>	Lumens	28271.0	0.0	28271.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	601.3	2.1
10°-20°	1595.3	5.6
20°-30°	2756.0	9.7
30°-40°	3202.9	11.3
40°-50°	4468.6	15.8
50°-60°	6063.4	21.4
60°-70°	5768.7	20.4
70°-80°	3116.4	11.0
80°-90°	698.4	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°	28271.0	100.0
0°-180°	28271.0	100.0

**Coefficient of Utilization**



REPORT NUMBER: P459050

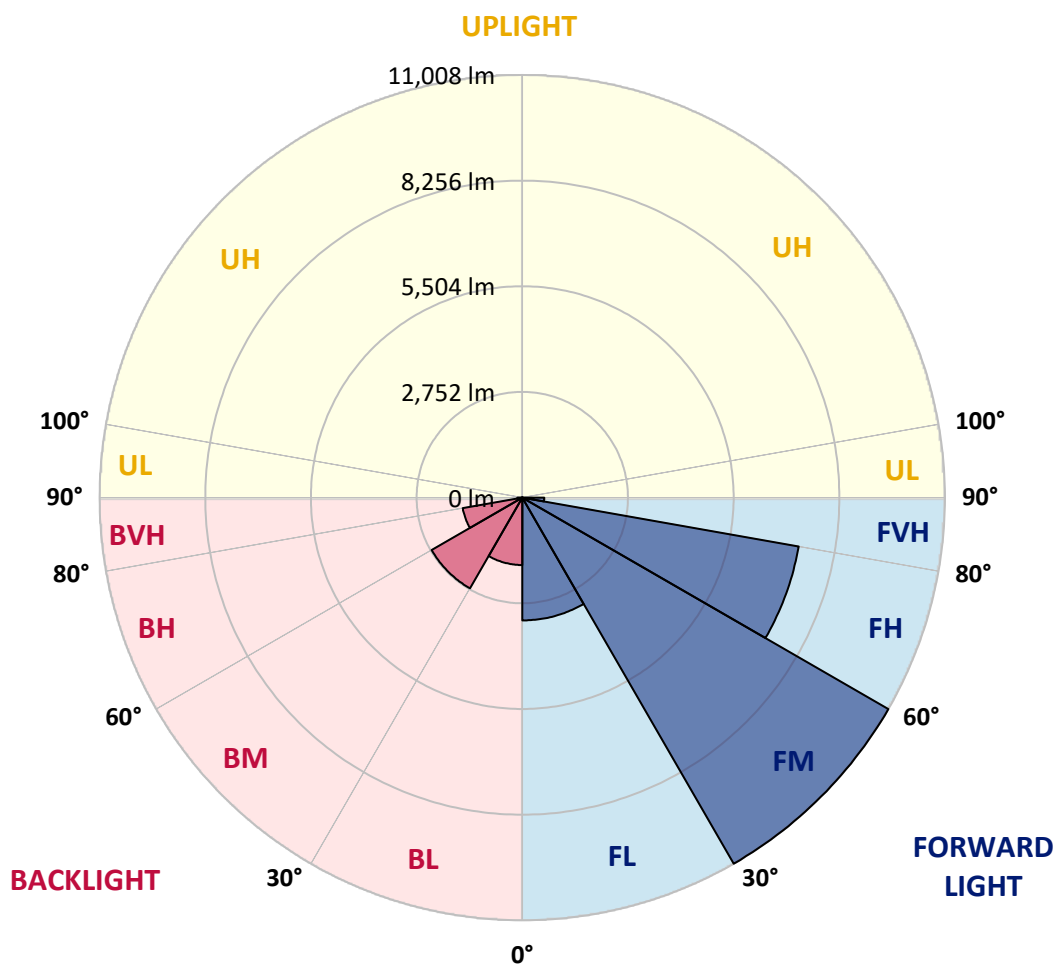
CATALOG NUMBER: GALN-SA5C-735-U-SLR

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3197.5	11.3			
FM	(30°-60°)	11008.1	38.9			
FH	(60°-80°)	7310.4	25.9			G3/7500
FVH	(80°-90°)	570.8	2.0			G4/750
BL	(0°-30°)	1755.1	6.2	B3/2500		
BM	(30°-60°)	2726.8	9.6	B3/5000		
BH	(60°-80°)	1574.6	5.6	B3/2500		G3/2500
BVH	(80°-90°)	127.6	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: P459050

CATALOG NUMBER: GALN-SA5C-735-U-SLR

**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	7094.9	7094.9	7094.9	7094.9	7094.9	7094.9	7094.9	7094.9	7094.9	7094.9	7094.9
2.5°	7882.0	7852.2	7768.2	7548.1	7326.2	7100.5	6927.1	6710.7	6485.0	6363.8	6209.0
5°	7990.2	7956.6	7758.9	7262.8	6813.3	6341.4	5964.7	5634.5	5500.2	5302.5	5144.0
7.5°	7736.5	7721.6	7425.0	6712.6	6097.1	5479.7	5052.6	4787.8	4547.2	4457.6	4476.3
10°	7505.2	7445.6	7074.4	6143.7	5425.6	4923.9	4618.0	4358.8	4189.1	4144.3	4153.6
12.5°	7313.1	7232.9	6794.6	5761.4	5132.8	4731.8	4342.0	4071.6	3916.8	3959.6	4105.1
15°	7274.0	7165.8	6677.1	5630.8	4972.4	4455.8	4028.7	3717.2	3601.5	3694.8	3927.9
17.5°	7527.6	7391.5	6878.6	5673.7	4819.5	4174.1	3650.0	3293.8	3196.8	3346.0	3650.0
20°	8342.7	8141.2	7507.1	5921.8	4804.5	4034.3	3430.0	3071.9	3112.9	3396.4	3713.5
22.5°	9849.7	9547.5	8607.5	6283.6	4882.9	3998.8	3385.2	3198.7	3424.4	3665.0	3873.9
25°	10148.1	9911.2	8805.2	6365.7	4866.1	3974.6	3512.0	3605.3	3857.1	3976.4	3903.7
27.5°	10316.0	10045.5	8792.2	5959.1	4351.3	3605.3	3357.2	3512.0	3575.4	3459.8	3262.1
30°	10707.7	10426.0	9014.1	5531.9	3582.9	2674.6	2344.5	2281.0	2323.9	2346.3	2275.4
32.5°	11246.7	10968.8	9431.9	5252.2	3098.0	2212.0	1887.5	1798.0	1777.5	1753.2	1725.2
35°	11944.2	11517.1	9842.2	5073.1	2898.4	2046.0	1747.6	1678.6	1650.6	1617.1	1587.2
37.5°	12653.0	12205.3	10360.7	4884.7	2766.0	1930.4	1654.4	1622.7	1574.2	1538.7	1495.8
40°	13406.5	12904.8	10832.6	4720.6	2637.3	1855.8	1587.2	1583.5	1520.1	1479.0	1428.7
42.5°	14059.3	13542.6	11254.1	4619.9	2538.4	1777.5	1546.2	1557.4	1492.1	1430.5	1365.3
45°	14577.8	14070.5	11643.9	4619.9	2458.2	1699.1	1538.7	1531.3	1466.0	1389.5	1314.9
47.5°	15032.9	14508.8	12024.4	4737.4	2407.9	1633.8	1497.7	1510.7	1443.6	1346.6	1273.9
50°	15385.4	14922.8	12537.3	4920.2	2357.5	1581.6	1445.5	1516.3	1425.0	1324.2	1240.3
52.5°	15834.9	15420.8	13154.7	5170.1	2314.6	1523.8	1398.8	1516.3	1423.1	1326.1	1234.7
55°	16457.8	16021.4	13898.9	5377.1	2245.6	1469.7	1357.8	1473.4	1417.5	1316.8	1219.8
57.5°	16894.3	16567.9	14424.8	5515.2	2146.8	1400.7	1320.5	1432.4	1393.2	1281.3	1175.0
58°	16914.8	16595.8	14501.3	5546.9	2122.5	1387.6	1311.2	1413.8	1382.1	1266.4	1160.1
60°	16679.8	16405.6	14516.2	5502.1	1984.5	1322.4	1262.7	1337.3	1322.4	1178.8	1079.9
62.5°	15825.5	15532.7	13913.8	5138.4	1801.7	1242.2	1188.1	1234.7	1201.1	1055.7	964.3
65°	14611.4	14072.3	12675.4	4567.7	1671.1	1156.4	1087.4	1091.1	1055.7	951.2	871.0
67.5°	12994.3	12391.9	10731.9	3849.6	1572.3	1061.3	968.0	958.7	915.8	848.6	783.4
70°	11004.2	10592.0	8721.3	3131.5	1462.3	956.8	833.7	828.1	802.0	751.6	693.8
72.5°	8919.0	8394.9	7042.7	2506.7	1328.0	856.1	708.7	719.9	686.4	650.9	598.7
75°	6582.0	6238.8	5444.3	2010.6	1147.0	746.0	591.2	595.0	580.1	542.7	501.7
77.5°	4334.5	4232.0	3894.4	1320.5	882.2	593.1	483.1	486.8	475.6	442.0	399.1
80°	2917.0	2848.0	2639.1	850.5	589.4	429.0	373.0	376.8	374.9	339.5	281.6
82.5°	1798.0	1768.1	1701.0	574.5	408.5	307.7	246.2	257.4	277.9	238.7	192.1
85°	848.6	850.5	1027.7	313.3	240.6	197.7	134.3	143.6	143.6	143.6	108.2
87.5°	110.0	115.6	141.7	132.4	87.7	74.6	48.5	41.0	35.4	46.6	33.6
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: P459050

CATALOG NUMBER: GALN-SA5C-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7094.9	7094.9	7094.9	7094.9	7094.9	7094.9	7094.9	7094.9	7094.9	7094.9	7094.9
2.5°	6154.9	6117.6	6037.4	6018.7	6007.6	6039.3	5955.3	5977.7	5940.4	6044.9	6028.1
5°	5153.3	5157.1	5222.3	5265.2	5280.2	5265.2	5209.3	5112.3	5037.7	5007.8	5015.3
7.5°	4440.9	4506.1	4618.0	4743.0	4856.8	4890.3	4858.6	4674.0	4472.6	4345.7	4304.7
10°	4204.0	4291.6	4420.3	4519.2	4619.9	4700.1	4716.9	4573.3	4334.5	4034.3	3916.8
12.5°	4217.0	4336.4	4459.5	4491.2	4481.9	4513.6	4498.7	4474.4	4317.8	3935.4	3739.6
15°	4093.9	4235.7	4321.5	4304.7	4274.9	4246.9	4207.7	4146.2	4090.2	3821.6	3605.3
17.5°	3810.4	3955.9	4026.8	4032.4	4032.4	4024.9	3929.8	3907.4	3900.0	3769.4	3637.0
20°	3862.7	3942.9	3911.2	3858.9	3873.9	3924.2	3868.3	3857.1	3900.0	3957.8	3933.5
22.5°	3892.5	3864.5	3625.8	3394.5	3342.3	3499.0	3530.7	3655.6	3829.1	4038.0	4174.1
25°	3707.9	3482.2	3055.1	2793.9	2646.6	2792.1	2982.3	3213.6	3472.9	3741.4	3900.0
27.5°	3099.8	2928.2	2622.4	2387.4	2258.7	2281.0	2443.3	2654.1	2894.7	3075.6	3191.2
30°	2335.1	2258.7	2100.1	2019.9	1941.6	1922.9	1991.9	2072.1	2178.5	2200.8	2230.7
32.5°	1719.6	1708.4	1717.8	1691.7	1676.7	1674.9	1654.4	1673.0	1684.2	1697.3	1671.1
35°	1555.5	1540.6	1514.5	1507.0	1497.7	1501.4	1492.1	1482.8	1490.2	1501.4	1508.9
37.5°	1471.6	1449.2	1411.9	1398.8	1398.8	1404.4	1389.5	1385.8	1398.8	1434.3	1452.9
40°	1406.3	1380.2	1337.3	1320.5	1331.7	1346.6	1326.1	1318.6	1350.3	1387.6	1417.5
42.5°	1344.8	1324.2	1283.2	1264.6	1273.9	1301.9	1272.0	1266.4	1307.4	1348.5	1383.9
45°	1292.5	1272.0	1234.7	1225.4	1229.1	1255.2	1234.7	1234.7	1273.9	1318.6	1350.3
47.5°	1251.5	1225.4	1201.1	1193.7	1197.4	1212.3	1208.6	1208.6	1245.9	1292.5	1324.2
50°	1210.5	1188.1	1156.4	1160.1	1169.4	1189.9	1188.1	1193.7	1231.0	1288.8	1322.4
52.5°	1191.8	1158.2	1122.8	1126.5	1154.5	1178.8	1171.3	1176.9	1219.8	1328.0	1376.5
55°	1171.3	1126.5	1085.5	1091.1	1122.8	1158.2	1148.9	1156.4	1206.7	1354.1	1421.2
57.5°	1132.1	1079.9	1035.1	1038.9	1085.5	1122.8	1107.9	1117.2	1176.9	1326.1	1397.0
58°	1115.3	1070.6	1027.7	1029.5	1074.3	1115.3	1098.6	1106.0	1167.6	1318.6	1385.8
60°	1044.5	1018.4	981.1	982.9	1025.8	1061.3	1051.9	1059.4	1119.1	1264.6	1314.9
62.5°	947.5	932.6	923.2	923.2	949.3	982.9	992.2	1001.6	1055.7	1143.3	1188.1
65°	843.0	843.0	844.9	844.9	861.7	904.6	910.2	934.4	984.8	1027.7	1061.3
67.5°	772.2	768.4	772.2	762.8	770.3	796.4	824.4	846.8	899.0	928.8	940.0
70°	680.8	678.9	680.8	667.7	677.0	699.4	718.1	755.4	809.5	831.8	837.4
72.5°	591.2	591.2	595.0	585.6	585.6	609.9	623.0	664.0	714.3	727.4	729.3
75°	498.0	503.6	503.6	490.5	494.3	509.2	526.0	559.5	606.2	615.5	615.5
77.5°	395.4	415.9	415.9	402.9	408.5	410.3	432.7	449.5	484.9	488.7	473.7
80°	287.2	307.7	324.5	313.3	322.7	311.5	324.5	335.7	371.2	354.4	330.1
82.5°	205.2	220.1	233.1	235.0	225.7	205.2	221.9	223.8	240.6	218.2	205.2
85°	113.8	126.8	143.6	136.2	121.2	108.2	113.8	117.5	115.6	110.0	102.6
87.5°	29.8	31.7	35.4	26.1	24.2	20.5	28.0	28.0	31.7	33.6	31.7
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: P459050  
 CATALOG NUMBER: GALN-SA5C-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	7094.9	7094.9	7094.9	7094.9	7094.9	7094.9	7094.9	7094.9	7094.9	7094.9	7094.9
2.5°	6041.1	6123.2	6300.4	6434.7	6598.8	6798.4	7033.4	7270.2	7525.8	7606.0	7717.9
5°	4998.5	5203.7	5289.5	5533.8	5776.3	6140.0	6527.9	6977.4	7469.8	7706.7	7934.2
7.5°	4271.1	4381.2	4470.7	4649.7	4940.7	5382.7	5869.5	6430.9	7128.5	7473.5	7807.4
10°	3879.4	3890.6	4000.7	4222.6	4476.3	4866.1	5326.8	5955.3	6733.1	7152.7	7544.4
12.5°	3620.2	3571.7	3691.1	3922.3	4209.6	4569.5	4992.9	5591.6	6447.7	6878.6	7352.3
15°	3392.7	3316.2	3405.7	3642.6	3926.1	4349.5	4804.5	5438.7	6335.8	6837.5	7363.5
17.5°	3398.2	3187.5	3219.2	3418.8	3700.4	4131.2	4683.3	5433.1	6505.5	7083.7	7706.7
20°	3817.9	3480.3	3336.7	3374.0	3646.3	4116.3	4739.3	5694.2	7063.2	7906.2	8572.1
22.5°	4230.1	4026.8	3795.5	3719.0	3868.3	4360.7	5095.5	6311.6	8275.5	9545.7	10748.7
25°	4086.5	4259.9	4202.1	4093.9	4127.5	4536.0	5338.0	6818.9	9217.4	10648.0	11778.2
27.5°	3269.6	3584.8	3648.2	3646.3	3659.4	3995.1	4800.8	6477.6	9334.9	10858.7	11938.6
30°	2297.8	2325.8	2359.4	2424.7	2484.3	2784.6	3756.4	5686.8	9282.7	10953.9	12035.6
32.5°	1658.1	1695.4	1742.0	1831.5	1973.3	2355.6	3286.3	5435.0	9558.7	11347.4	12319.1
35°	1516.3	1559.2	1604.0	1706.6	1840.9	2195.2	3099.8	5330.5	10012.0	11985.3	12828.3
37.5°	1471.6	1520.1	1559.2	1633.8	1742.0	2079.6	2930.1	5259.6	10476.4	12660.4	13510.9
40°	1439.9	1495.8	1527.5	1587.2	1661.8	1973.3	2779.0	5203.7	10925.9	13277.8	14059.3
42.5°	1411.9	1469.7	1510.7	1553.6	1615.2	1878.2	2644.7	5147.7	11315.7	13876.5	14605.8
45°	1378.3	1451.1	1503.3	1536.9	1590.9	1798.0	2542.2	5103.0	11759.6	14408.1	15157.8
47.5°	1350.3	1430.5	1495.8	1535.0	1555.5	1742.0	2460.1	5164.5	12293.0	14963.9	15670.7
50°	1352.2	1428.7	1510.7	1572.3	1518.2	1695.4	2409.7	5408.8	12986.8	15624.1	16075.5
52.5°	1411.9	1505.2	1570.4	1585.4	1466.0	1639.4	2383.6	5836.0	13807.5	16207.9	16483.9
55°	1479.0	1576.0	1646.9	1637.6	1438.0	1568.6	2378.0	6291.0	14706.5	16888.7	17015.5
57.5°	1454.8	1596.5	1704.7	1656.2	1439.9	1499.6	2353.8	6658.5	15458.1	17397.8	17541.5
58°	1447.3	1589.1	1712.2	1652.5	1434.3	1479.0	2348.2	6690.2	15562.6	17433.3	17616.1
60°	1374.6	1523.8	1706.6	1624.5	1402.6	1423.1	2286.6	6792.8	15534.6	17250.5	17660.8
62.5°	1242.2	1365.3	1577.9	1488.4	1305.6	1348.5	2148.6	6665.9	14777.3	16370.2	17006.2
65°	1093.0	1184.4	1326.1	1309.3	1167.6	1272.0	1960.2	6164.2	13261.0	14941.5	15611.1
67.5°	981.1	1055.7	1145.2	1120.9	1050.1	1169.4	1756.9	5315.6	11560.0	13225.6	14068.6
70°	867.3	925.1	969.9	953.1	930.7	1068.7	1576.0	4314.0	9929.9	11595.5	12412.4
72.5°	751.6	805.7	843.0	818.8	805.7	962.4	1428.7	3347.9	7842.8	9566.2	10616.3
75°	628.5	682.6	708.7	680.8	673.3	848.6	1210.5	2501.1	5884.5	7374.7	8281.1
77.5°	486.8	544.6	578.2	568.9	572.6	697.6	977.3	1712.2	4207.7	5026.5	5981.4
80°	341.3	404.7	427.1	417.8	443.9	531.6	690.1	1087.4	2902.1	3262.1	3935.4
82.5°	210.8	270.4	274.2	283.5	302.1	393.5	520.4	662.1	1822.2	1883.8	2372.4
85°	106.3	128.7	138.0	152.9	169.7	240.6	296.6	410.3	1173.2	887.8	1326.1
87.5°	35.4	37.3	44.8	56.0	69.0	98.9	126.8	167.9	291.0	160.4	410.3
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: P459050

CATALOG NUMBER: GALN-SA5C-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7094.9	7094.9	7094.9	7094.9	7094.9	7094.9	7094.9	7094.9	7094.9	7094.9
2.5°	7943.5	8102.1	8217.7	8324.0	8221.4	8212.1	8111.4	7949.1	7882.0	7882.0
5°	8411.7	8782.9	9083.1	9275.2	9193.2	8995.5	8669.1	8253.2	8029.3	7990.2
7.5°	8540.4	9273.4	9831.0	10028.8	9890.7	9454.3	8829.5	8128.2	7807.4	7736.5
10°	8462.0	9415.1	10233.9	10547.3	10355.1	9694.9	8842.5	7982.7	7587.3	7505.2
12.5°	8380.0	9433.8	10308.5	10761.7	10636.8	9888.9	8937.7	7887.6	7430.6	7313.1
15°	8439.7	9441.2	10217.1	10685.3	10765.5	10122.0	9094.3	7956.6	7398.9	7274.0
17.5°	8816.4	9583.0	10086.6	10465.2	10746.8	10439.1	9540.1	8286.7	7682.4	7527.6
20°	9603.5	9922.4	10161.2	10454.0	10907.2	11086.3	10452.1	9193.2	8478.8	8342.7
22.5°	11882.7	11824.9	11336.2	11330.6	11987.1	12705.2	12662.3	11035.9	9961.6	9849.7
25°	12736.9	12468.3	11761.4	11589.9	11878.9	12986.8	12826.4	11412.7	10420.4	10148.1
27.5°	12403.0	11737.2	11272.8	11233.6	11138.5	12184.8	12570.9	11565.6	10580.8	10316.0
30°	12382.5	11403.3	10739.4	10817.7	10909.1	11908.8	12712.7	12044.9	10991.2	10707.7
32.5°	12432.9	11450.0	10778.5	10793.4	11065.8	11949.8	12869.3	12567.2	11530.2	11246.7
35°	12636.2	11714.8	11028.5	10993.0	11418.3	12218.4	13136.0	13387.8	12266.9	11944.2
37.5°	12964.4	12242.6	11485.4	11476.1	12093.4	12703.3	13468.0	14215.9	12999.9	12653.0
40°	13447.5	12860.0	12298.6	12248.2	13011.1	13492.3	13898.9	15098.1	13852.2	13406.5
42.5°	14031.3	13600.5	13371.0	13570.6	14303.6	14378.2	14570.3	15913.2	14577.8	14059.3
45°	14572.2	14551.7	14870.6	15400.3	15827.4	15379.8	15271.6	16459.7	15141.0	14577.8
47.5°	15215.6	15771.5	16733.9	17509.7	17957.4	16545.5	15870.3	16815.9	15551.4	15032.9
50°	15868.4	17231.8	18768.7	19850.5	19945.6	17811.9	16282.5	17151.6	15924.4	15385.4
52.5°	16554.8	18397.5	20443.6	21700.7	21516.0	18914.2	16681.6	17379.2	16308.6	15834.9
55°	17151.6	19111.9	21379.9	22586.6	22316.2	19585.6	17112.5	17625.4	16857.0	16457.8
57.5°	17485.5	19171.6	21146.7	22200.5	21907.7	19455.1	17310.2	17808.2	17207.6	16894.3
58°	17534.0	19091.4	20939.7	21976.7	21678.3	19345.0	17308.3	17800.7	17230.0	16914.8
60°	17491.1	18571.0	20169.4	21092.6	20779.3	18654.9	17237.4	17660.8	16946.5	16679.8
62.5°	17093.8	17668.3	18839.6	19511.0	19421.5	17576.9	16946.5	17133.0	16082.9	15825.5
65°	16571.6	16437.3	17136.7	17612.3	17679.5	16769.3	16657.4	15991.5	14975.0	14611.4
67.5°	15937.5	15042.2	15040.3	15310.8	15422.7	15527.1	16055.0	14751.2	13378.5	12994.3
70°	14861.3	12891.7	12298.6	12617.5	12524.3	13406.5	14978.8	13009.2	11453.7	11004.2
72.5°	12888.0	10230.2	9280.8	9691.2	9456.2	10513.7	13106.2	10705.8	9471.1	8919.0
75°	10446.5	7652.6	6673.4	7050.2	6904.7	7975.3	10905.4	7775.7	6792.8	6582.0
77.5°	8111.4	5545.0	4976.1	4923.9	5032.1	5934.8	7999.5	5250.3	4478.2	4334.5
80°	5211.1	3969.0	4002.5	3935.4	3991.4	3741.4	4856.8	3349.8	3032.7	2917.0
82.5°	3430.0	2766.0	3297.5	3043.9	2890.9	2516.0	3185.6	2193.4	1861.4	1798.0
85°	2337.0	2036.7	1853.9	1417.5	1669.3	1937.9	2389.2	1180.6	936.3	848.6
87.5°	1055.7	708.7	520.4	320.8	507.3	585.6	1160.1	138.0	106.3	110.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)