

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: P459137

Luminaire Tested: **GALN-SA6B-735-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P459137
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-SA6B-735-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 70 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: 27094 lumens
Efficiency: N/A
Efficacy: 111.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

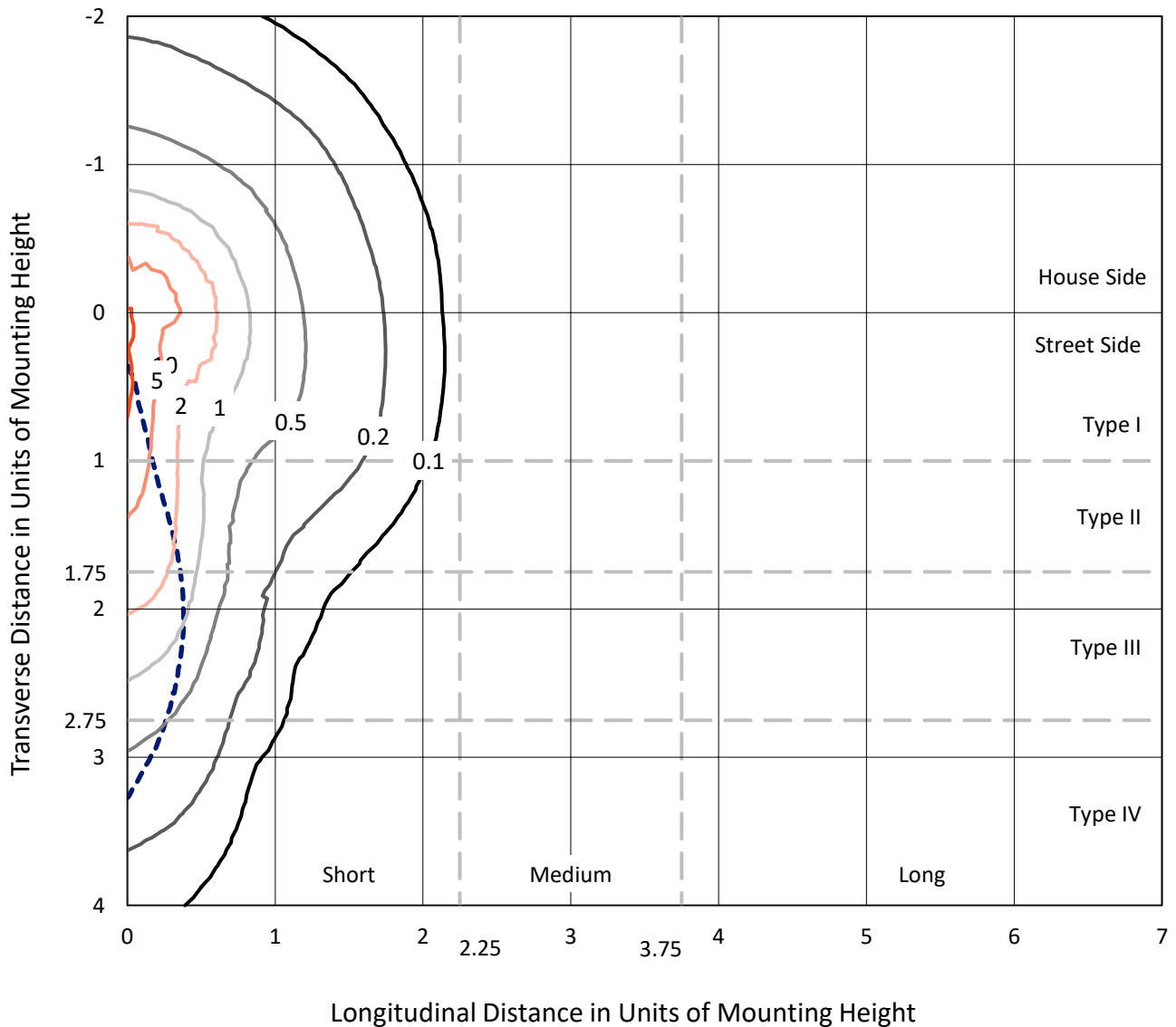
Input Watts (W): 243
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P459137
 CATALOG NUMBER: GALN-SA6B-735-U-SLR

Iso-Footcandle Lines of Horizontal Illumination

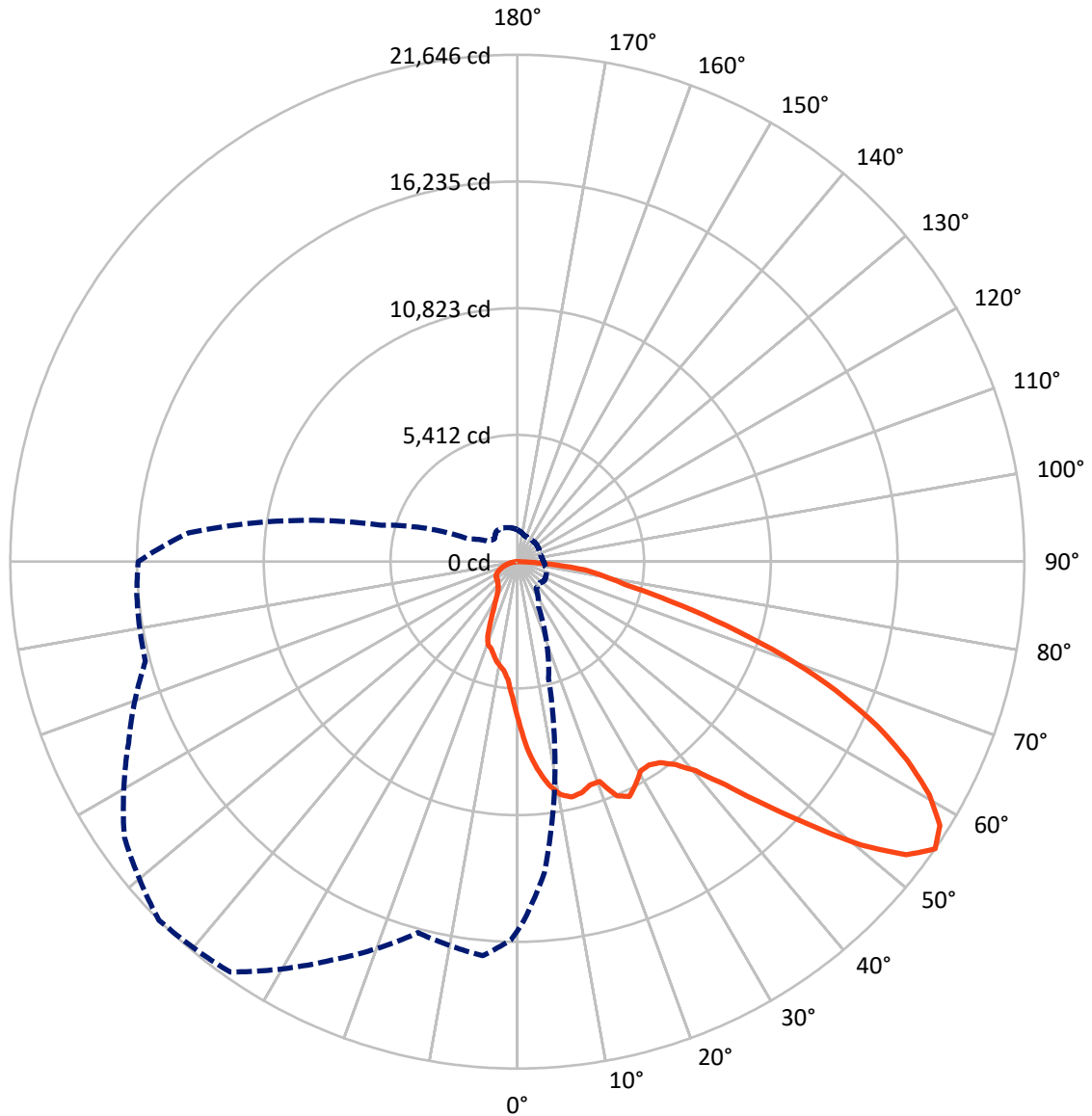
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.6 fc
 Type IV - Short - N/A

REPORT NUMBER: P459137
CATALOG NUMBER: GALN-SA6B-735-U-SLR

Luminous Intensity Polar Plot



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

REPORT NUMBER: P459137

CATALOG NUMBER: GALN-SA6B-735-U-SLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5926.7	0.0	5926.7
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	21167.3	0.0	21167.3
	% Fixture	78.1	0.0	78.1
Total	Lumens	27094.0	0.0	27094.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	576.3	2.1
10°-20°	1528.9	5.6
20°-30°	2641.2	9.7
30°-40°	3069.5	11.3
40°-50°	4282.6	15.8
50°-60°	5811.0	21.4
60°-70°	5528.5	20.4
70°-80°	2986.6	11.0
80°-90°	669.4	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°	27094.0	100.0
0°-180°	27094.0	100.0

Coefficient of Utilization



REPORT NUMBER: P459137

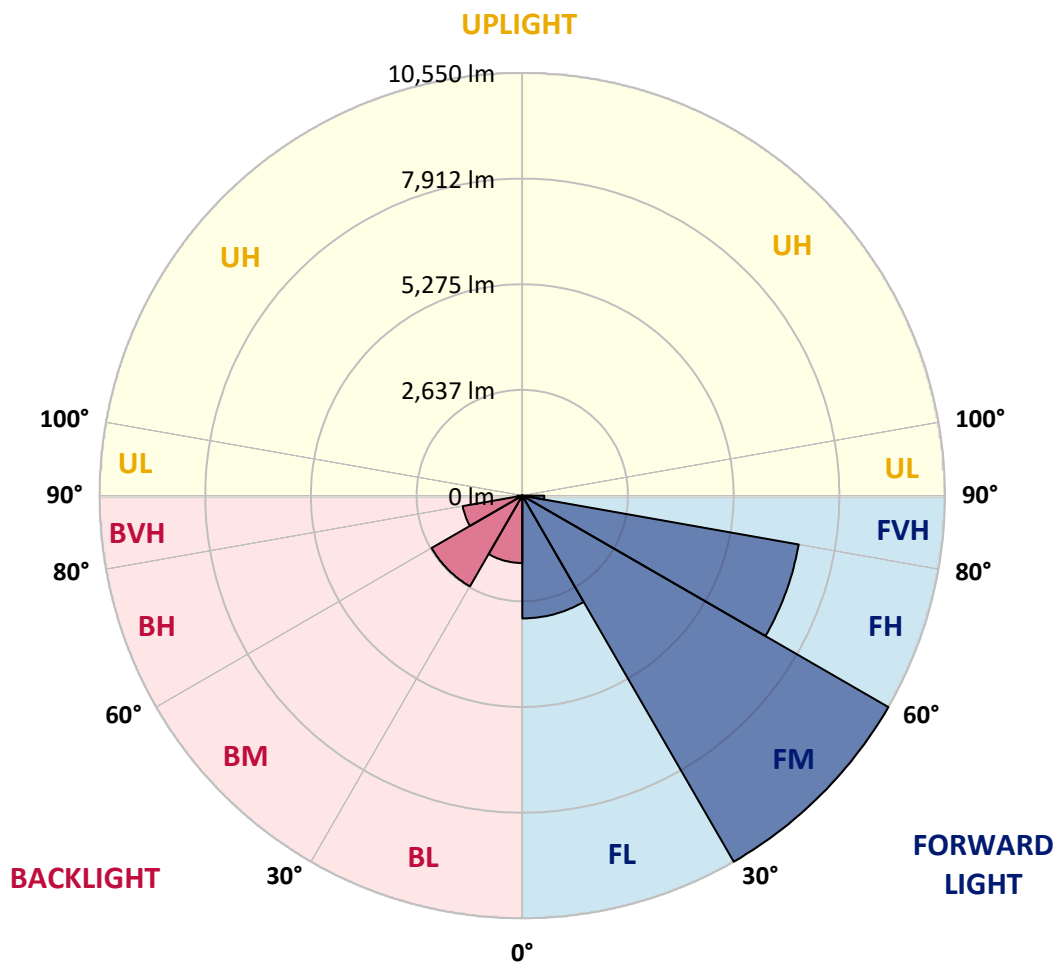
CATALOG NUMBER: GALN-SA6B-735-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3064.4	11.3			
FM	(30°-60°)	10549.8	38.9			
FH	(60°-80°)	7006.1	25.9			G3/7500
FVH	(80°-90°)	547.0	2.0			G4/750
BL	(0°-30°)	1682.0	6.2	B3/2500		
BM	(30°-60°)	2613.3	9.6	B3/5000		
BH	(60°-80°)	1509.1	5.6	B3/2500		G3/2500
BVH	(80°-90°)	122.3	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: P459137
 CATALOG NUMBER: GALN-SA6B-735-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	6799.5	6799.5	6799.5	6799.5	6799.5	6799.5	6799.5	6799.5	6799.5	6799.5	6799.5
2.5°	7553.8	7525.2	7444.8	7233.9	7021.2	6804.9	6638.7	6431.3	6215.0	6098.8	5950.5
5°	7657.5	7625.3	7435.9	6960.4	6529.6	6077.4	5716.3	5399.9	5271.2	5081.8	4929.8
7.5°	7414.4	7400.1	7115.9	6433.1	5843.2	5251.6	4842.3	4588.4	4357.9	4272.1	4289.9
10°	7192.8	7135.6	6779.9	5887.9	5199.8	4718.9	4425.8	4177.3	4014.7	3971.8	3980.7
12.5°	7008.7	6931.8	6511.8	5521.5	4919.1	4534.8	4161.2	3902.0	3753.7	3794.8	3934.2
15°	6971.1	6867.5	6399.1	5396.4	4765.4	4270.3	3860.9	3562.4	3451.6	3541.0	3764.4
17.5°	7214.2	7083.7	6592.2	5437.5	4618.8	4000.4	3498.1	3156.7	3063.7	3206.7	3498.1
20°	7995.4	7802.3	7194.6	5675.2	4604.5	3866.3	3287.2	2944.0	2983.3	3255.0	3558.9
22.5°	9439.6	9150.1	8249.2	6022.0	4679.6	3832.3	3244.3	3065.5	3281.8	3512.4	3712.6
25°	9725.6	9498.6	8438.6	6100.6	4663.5	3809.1	3365.8	3455.2	3696.5	3810.9	3741.2
27.5°	9886.5	9627.3	8426.1	5711.0	4170.2	3455.2	3217.4	3365.8	3426.6	3315.8	3126.3
30°	10261.9	9992.0	8638.8	5301.6	3433.7	2563.2	2246.8	2186.1	2227.2	2248.6	2180.7
32.5°	10778.4	10512.1	9039.2	5033.5	2969.0	2119.9	1808.9	1723.1	1703.5	1680.2	1653.4
35°	11447.0	11037.6	9432.5	4861.9	2777.7	1960.9	1674.9	1608.7	1581.9	1549.7	1521.1
37.5°	12126.2	11697.2	9929.4	4681.4	2650.8	1850.0	1585.5	1555.1	1508.6	1474.7	1433.6
40°	12848.3	12367.5	10381.6	4524.1	2527.5	1778.5	1521.1	1517.6	1456.8	1417.5	1369.2
42.5°	13473.9	12978.8	10785.6	4427.6	2432.7	1703.5	1481.8	1492.5	1430.0	1371.0	1308.4
45°	13970.9	13484.7	11159.2	4427.6	2355.9	1628.4	1474.7	1467.5	1405.0	1331.7	1260.2
47.5°	14407.0	13904.7	11523.8	4540.2	2307.6	1565.8	1435.3	1447.9	1383.5	1290.6	1220.8
50°	14744.8	14301.5	12015.4	4715.3	2259.4	1515.8	1385.3	1453.2	1365.6	1269.1	1188.7
52.5°	15175.6	14778.8	12607.0	4954.9	2218.3	1460.4	1340.6	1453.2	1363.8	1270.9	1183.3
55°	15772.6	15354.4	13320.2	5153.3	2152.1	1408.5	1301.3	1412.1	1358.5	1262.0	1169.0
57.5°	16190.9	15878.1	13824.3	5285.5	2057.4	1342.4	1265.5	1372.8	1335.2	1228.0	1126.1
58°	16210.6	15904.9	13897.6	5315.9	2034.1	1329.9	1256.6	1354.9	1324.5	1213.7	1111.8
60°	15985.3	15722.6	13911.9	5273.0	1901.9	1267.3	1210.1	1281.6	1267.3	1129.7	1034.9
62.5°	15166.7	14886.0	13334.5	4924.5	1726.7	1190.5	1138.6	1183.3	1151.1	1011.7	924.1
65°	14003.0	13486.5	12147.6	4377.5	1601.6	1108.2	1042.1	1045.7	1011.7	911.6	834.7
67.5°	12453.3	11876.0	10285.1	3689.3	1506.8	1017.1	927.7	918.8	877.6	813.3	750.7
70°	10546.1	10151.0	8358.2	3001.2	1401.4	917.0	799.0	793.6	768.6	720.4	664.9
72.5°	8547.7	8045.4	6749.5	2402.4	1272.7	820.4	679.2	690.0	657.8	623.8	573.8
75°	6308.0	5979.1	5217.6	1926.9	1099.3	715.0	566.6	570.2	555.9	520.2	480.8
77.5°	4154.1	4055.8	3732.2	1265.5	845.5	568.4	463.0	466.5	455.8	423.6	382.5
80°	2795.6	2729.5	2529.3	815.1	564.8	411.1	357.5	361.1	359.3	325.3	269.9
82.5°	1723.1	1694.5	1630.2	550.5	391.5	294.9	235.9	246.7	266.3	228.8	184.1
85°	813.3	815.1	984.9	300.3	230.6	189.5	128.7	137.6	137.6	137.6	103.7
87.5°	105.5	110.8	135.8	126.9	84.0	71.5	46.5	39.3	34.0	44.7	32.2
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: P459137
 CATALOG NUMBER: GALN-SA6B-735-U-SLR

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6799.5	6799.5	6799.5	6799.5	6799.5	6799.5	6799.5	6799.5	6799.5	6799.5	6799.5
2.5°	5898.7	5862.9	5786.0	5768.2	5757.4	5787.8	5707.4	5728.8	5693.1	5793.2	5777.1
5°	4938.8	4942.4	5004.9	5046.0	5060.3	5046.0	4992.4	4899.5	4828.0	4799.4	4806.5
7.5°	4256.0	4318.5	4425.8	4545.5	4654.6	4686.7	4656.4	4479.4	4286.4	4164.8	4125.5
10°	4029.0	4113.0	4236.3	4331.0	4427.6	4504.4	4520.5	4382.9	4154.1	3866.3	3753.7
12.5°	4041.5	4155.9	4273.8	4304.2	4295.3	4325.7	4311.4	4288.1	4138.0	3771.6	3583.9
15°	3923.5	4059.3	4141.6	4125.5	4096.9	4070.1	4032.5	3973.5	3919.9	3662.5	3455.2
17.5°	3651.8	3791.2	3859.1	3864.5	3864.5	3857.4	3766.2	3744.7	3737.6	3612.5	3485.6
20°	3701.9	3778.7	3748.3	3698.3	3712.6	3760.8	3707.2	3696.5	3737.6	3793.0	3769.8
22.5°	3730.4	3703.6	3474.8	3253.2	3203.1	3353.3	3383.7	3503.4	3669.7	3869.9	4000.4
25°	3553.5	3337.2	2927.9	2677.6	2536.4	2675.8	2858.2	3079.8	3328.3	3585.7	3737.6
27.5°	2970.8	2806.3	2513.2	2288.0	2164.6	2186.1	2341.6	2543.6	2774.2	2947.5	3058.4
30°	2237.9	2164.6	2012.7	1935.8	1860.8	1842.9	1909.0	1985.9	2087.8	2109.2	2137.8
32.5°	1648.0	1637.3	1646.3	1621.2	1606.9	1605.1	1585.5	1603.4	1614.1	1626.6	1601.6
35°	1490.7	1476.5	1451.4	1444.3	1435.3	1438.9	1430.0	1421.0	1428.2	1438.9	1446.1
37.5°	1410.3	1388.9	1353.1	1340.6	1340.6	1346.0	1331.7	1328.1	1340.6	1374.6	1392.4
40°	1347.8	1322.7	1281.6	1265.5	1276.3	1290.6	1270.9	1263.7	1294.1	1329.9	1358.5
42.5°	1288.8	1269.1	1229.8	1211.9	1220.8	1247.7	1219.1	1213.7	1253.0	1292.3	1326.3
45°	1238.7	1219.1	1183.3	1174.4	1177.9	1203.0	1183.3	1183.3	1220.8	1263.7	1294.1
47.5°	1199.4	1174.4	1151.1	1144.0	1147.6	1161.9	1158.3	1158.3	1194.0	1238.7	1269.1
50°	1160.1	1138.6	1108.2	1111.8	1120.7	1140.4	1138.6	1144.0	1179.7	1235.1	1267.3
52.5°	1142.2	1110.0	1076.1	1079.6	1106.4	1129.7	1122.5	1127.9	1169.0	1272.7	1319.2
55°	1122.5	1079.6	1040.3	1045.7	1076.1	1110.0	1101.1	1108.2	1156.5	1297.7	1362.1
57.5°	1085.0	1034.9	992.0	995.6	1040.3	1076.1	1061.8	1070.7	1127.9	1270.9	1338.8
58°	1068.9	1026.0	984.9	986.7	1029.6	1068.9	1052.8	1060.0	1119.0	1263.7	1328.1
60°	1001.0	976.0	940.2	942.0	983.1	1017.1	1008.1	1015.3	1072.5	1211.9	1260.2
62.5°	908.0	893.7	884.8	884.8	909.8	942.0	950.9	959.9	1011.7	1095.7	1138.6
65°	807.9	807.9	809.7	809.7	825.8	866.9	872.3	895.5	943.8	984.9	1017.1
67.5°	740.0	736.4	740.0	731.1	738.2	763.2	790.1	811.5	861.6	890.2	900.9
70°	652.4	650.6	652.4	639.9	648.9	670.3	688.2	723.9	775.8	797.2	802.6
72.5°	566.6	566.6	570.2	561.3	561.3	584.5	597.0	636.3	684.6	697.1	698.9
75°	477.3	482.6	482.6	470.1	473.7	488.0	504.1	536.2	580.9	589.9	589.9
77.5°	378.9	398.6	398.6	386.1	391.5	393.2	414.7	430.8	464.7	468.3	454.0
80°	275.3	294.9	311.0	300.3	309.2	298.5	311.0	321.7	355.7	339.6	316.4
82.5°	196.6	210.9	223.4	225.2	216.3	196.6	212.7	214.5	230.6	209.1	196.6
85°	109.0	121.5	137.6	130.5	116.2	103.7	109.0	112.6	110.8	105.5	98.3
87.5°	28.6	30.4	34.0	25.0	23.2	19.7	26.8	26.8	30.4	32.2	30.4
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: P459137

CATALOG NUMBER: GALN-SA6B-735-U-SLR

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	6799.5	6799.5	6799.5	6799.5	6799.5	6799.5	6799.5	6799.5	6799.5	6799.5	6799.5
2.5°	5789.6	5868.3	6038.1	6166.8	6324.1	6515.3	6740.5	6967.6	7212.4	7289.3	7396.6
5°	4790.4	4987.0	5069.3	5303.4	5535.8	5884.4	6256.1	6686.9	7158.8	7385.8	7603.9
7.5°	4093.3	4198.8	4284.6	4456.2	4735.0	5158.6	5625.2	6163.2	6831.7	7162.4	7482.3
10°	3717.9	3728.7	3834.1	4046.8	4289.9	4663.5	5105.0	5707.4	6452.8	6854.9	7230.3
12.5°	3469.5	3423.0	3537.4	3759.0	4034.3	4379.3	4785.1	5358.8	6179.3	6592.2	7046.2
15°	3251.4	3178.1	3263.9	3490.9	3762.6	4168.4	4604.5	5212.3	6072.0	6552.9	7056.9
17.5°	3256.8	3054.8	3085.2	3276.4	3546.3	3959.2	4488.3	5206.9	6234.7	6788.8	7385.8
20°	3659.0	3335.4	3197.8	3233.5	3494.5	3944.9	4542.0	5457.1	6769.1	7577.1	8215.2
22.5°	4054.0	3859.1	3637.5	3564.2	3707.2	4179.1	4883.4	6048.8	7931.0	9148.3	10301.2
25°	3916.3	4082.6	4027.2	3923.5	3955.7	4347.1	5115.7	6535.0	8833.7	10204.7	11287.9
27.5°	3133.4	3435.5	3496.3	3494.5	3507.0	3828.8	4600.9	6207.9	8946.3	10406.6	11441.6
30°	2202.2	2229.0	2261.1	2323.7	2380.9	2668.7	3600.0	5450.0	8896.2	10497.8	11534.5
32.5°	1589.1	1624.8	1669.5	1755.3	1891.1	2257.6	3149.5	5208.7	9160.8	10875.0	11806.2
35°	1453.2	1494.3	1537.2	1635.5	1764.2	2103.9	2970.8	5108.6	9595.1	11486.3	12294.2
37.5°	1410.3	1456.8	1494.3	1565.8	1669.5	1993.0	2808.1	5040.7	10040.2	12133.3	12948.4
40°	1379.9	1433.6	1463.9	1521.1	1592.6	1891.1	2663.3	4987.0	10471.0	12725.0	13473.9
42.5°	1353.1	1408.5	1447.9	1489.0	1547.9	1800.0	2534.6	4933.4	10844.6	13298.8	13997.7
45°	1320.9	1390.7	1440.7	1472.9	1524.7	1723.1	2436.3	4890.5	11270.0	13808.2	14526.8
47.5°	1294.1	1371.0	1433.6	1471.1	1490.7	1669.5	2357.7	4949.5	11781.2	14340.9	15018.3
50°	1295.9	1369.2	1447.9	1506.8	1455.0	1624.8	2309.4	5183.7	12446.2	14973.6	15406.2
52.5°	1353.1	1442.5	1505.0	1519.3	1405.0	1571.2	2284.4	5593.0	13232.6	15533.1	15797.7
55°	1417.5	1510.4	1578.3	1569.4	1378.1	1503.3	2279.0	6029.1	14094.2	16185.5	16307.1
57.5°	1394.2	1530.1	1633.7	1587.3	1379.9	1437.1	2255.8	6381.3	14814.6	16673.5	16811.2
58°	1387.1	1522.9	1640.9	1583.7	1374.6	1417.5	2250.4	6411.7	14914.6	16707.5	16882.7
60°	1317.4	1460.4	1635.5	1556.9	1344.2	1363.8	2191.4	6510.0	14887.8	16532.3	16925.6
62.5°	1190.5	1308.4	1512.2	1426.4	1251.2	1292.3	2059.2	6388.4	14162.1	15688.6	16298.2
65°	1047.5	1135.0	1270.9	1254.8	1119.0	1219.1	1878.6	5907.6	12708.9	14319.4	14961.1
67.5°	940.2	1011.7	1097.5	1074.3	1006.3	1120.7	1683.8	5094.3	11078.7	12674.9	13482.9
70°	831.2	886.6	929.5	913.4	891.9	1024.2	1510.4	4134.4	9516.5	11112.7	11895.6
72.5°	720.4	772.2	807.9	784.7	772.2	922.3	1369.2	3208.5	7516.3	9167.9	10174.3
75°	602.4	654.2	679.2	652.4	645.3	813.3	1160.1	2397.0	5639.5	7067.7	7936.4
77.5°	466.5	521.9	554.1	545.2	548.8	668.5	936.6	1640.9	4032.5	4817.2	5732.4
80°	327.1	387.9	409.3	400.4	425.4	509.4	661.4	1042.1	2781.3	3126.3	3771.6
82.5°	202.0	259.2	262.8	271.7	289.6	377.2	498.7	634.6	1746.4	1805.3	2273.7
85°	101.9	123.3	132.3	146.6	162.7	230.6	284.2	393.2	1124.3	850.8	1270.9
87.5°	34.0	35.7	42.9	53.6	66.1	94.7	121.5	160.9	278.8	153.7	393.2
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: P459137

CATALOG NUMBER: GALN-SA6B-735-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6799.5	6799.5	6799.5	6799.5	6799.5	6799.5	6799.5	6799.5	6799.5	6799.5
2.5°	7612.8	7764.8	7875.6	7977.5	7879.2	7870.2	7773.7	7618.2	7553.8	7553.8
5°	8061.5	8417.2	8705.0	8889.1	8810.4	8621.0	8308.2	7909.6	7695.1	7657.5
7.5°	8184.8	8887.3	9421.8	9611.2	9479.0	9060.7	8461.9	7789.8	7482.3	7414.4
10°	8109.8	9023.1	9807.8	10108.1	9924.0	9291.3	8474.4	7650.4	7271.4	7192.8
12.5°	8031.1	9041.0	9879.3	10313.7	10193.9	9477.2	8565.6	7559.2	7121.3	7008.7
15°	8088.3	9048.2	9791.8	10240.4	10317.3	9700.6	8715.7	7625.3	7090.9	6971.1
17.5°	8449.4	9184.0	9666.6	10029.5	10299.4	10004.5	9142.9	7941.7	7362.6	7214.2
20°	9203.7	9509.3	9738.1	10018.8	10453.1	10624.7	10017.0	8810.4	8125.8	7995.4
22.5°	11388.0	11332.6	10864.2	10858.9	11488.1	12176.2	12135.1	10576.5	9546.9	9439.6
25°	12206.6	11949.2	11271.8	11107.3	11384.4	12446.2	12292.4	10937.5	9986.6	9725.6
27.5°	11886.7	11248.5	10803.5	10765.9	10674.8	11677.5	12047.5	11084.1	10140.3	9886.5
30°	11867.0	10928.6	10292.3	10367.3	10454.9	11413.0	12183.4	11543.5	10533.6	10261.9
32.5°	11915.3	10973.3	10329.8	10344.1	10605.1	11452.3	12333.5	12044.0	11050.1	10778.4
35°	12110.1	11227.1	10569.3	10535.3	10942.9	11709.7	12589.2	12830.5	11756.2	11447.0
37.5°	12424.7	11733.0	11007.2	10998.3	11590.0	12174.5	12907.3	13624.1	12458.7	12126.2
40°	12887.7	12324.6	11786.6	11738.3	12469.4	12930.6	13320.2	14469.6	13275.5	12848.3
42.5°	13447.1	13034.2	12814.4	13005.6	13708.1	13779.6	13963.7	15250.7	13970.9	13473.9
45°	13965.5	13945.8	14251.5	14759.1	15168.5	14739.5	14635.8	15774.4	14510.7	13970.9
47.5°	14582.2	15114.8	16037.2	16780.8	17209.8	15856.6	15209.6	16115.8	14903.9	14407.0
50°	15207.8	16514.4	17987.3	19024.0	19115.2	17070.3	15604.6	16437.6	15261.4	14744.8
52.5°	15865.6	17631.6	19592.5	20797.2	20620.3	18126.7	15987.1	16655.6	15629.6	15175.6
55°	16437.6	18316.2	20489.8	21646.3	21387.1	18770.2	16400.0	16891.6	16155.2	15772.6
57.5°	16757.5	18373.4	20266.3	21276.3	20995.6	18645.1	16589.5	17066.8	16491.2	16190.9
58°	16804.0	18296.5	20067.9	21061.8	20775.8	18539.6	16587.7	17059.6	16512.6	16210.6
60°	16762.9	17797.8	19329.7	20214.5	19914.2	17878.3	16519.8	16925.6	16241.0	15985.3
62.5°	16382.2	16932.7	18055.2	18698.7	18612.9	16845.1	16241.0	16419.7	15413.4	15166.7
65°	15881.7	15753.0	16423.3	16879.1	16943.4	16071.1	15963.9	15325.8	14351.6	14003.0
67.5°	15273.9	14415.9	14414.2	14673.3	14780.6	14880.7	15386.5	14137.1	12821.5	12453.3
70°	14242.6	12355.0	11786.6	12092.2	12002.9	12848.3	14355.2	12467.6	10976.9	10546.1
72.5°	12351.4	9804.3	8894.5	9287.7	9062.5	10076.0	12560.6	10260.1	9076.8	8547.7
75°	10011.6	7334.0	6395.6	6756.6	6617.2	7643.2	10451.3	7452.0	6510.0	6308.0
77.5°	7773.7	5314.1	4769.0	4718.9	4822.6	5687.7	7666.5	5031.7	4291.7	4154.1
80°	4994.2	3803.7	3835.9	3771.6	3825.2	3585.7	4654.6	3210.3	2906.4	2795.6
82.5°	3287.2	2650.8	3160.2	2917.2	2770.6	2411.3	3053.0	2102.1	1783.9	1723.1
85°	2239.7	1951.9	1776.7	1358.5	1599.8	1857.2	2289.7	1131.5	897.3	813.3
87.5°	1011.7	679.2	498.7	307.4	486.2	561.3	1111.8	132.3	101.9	105.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)