

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: P529796

Luminaire Tested: **GALN-SA5A-727-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P529796
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-SA5A-727-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(5) 70 CRI, 2700K, 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: 14264 lumens
Efficiency: N/A
Efficacy: 92.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B3 - U0 - G2

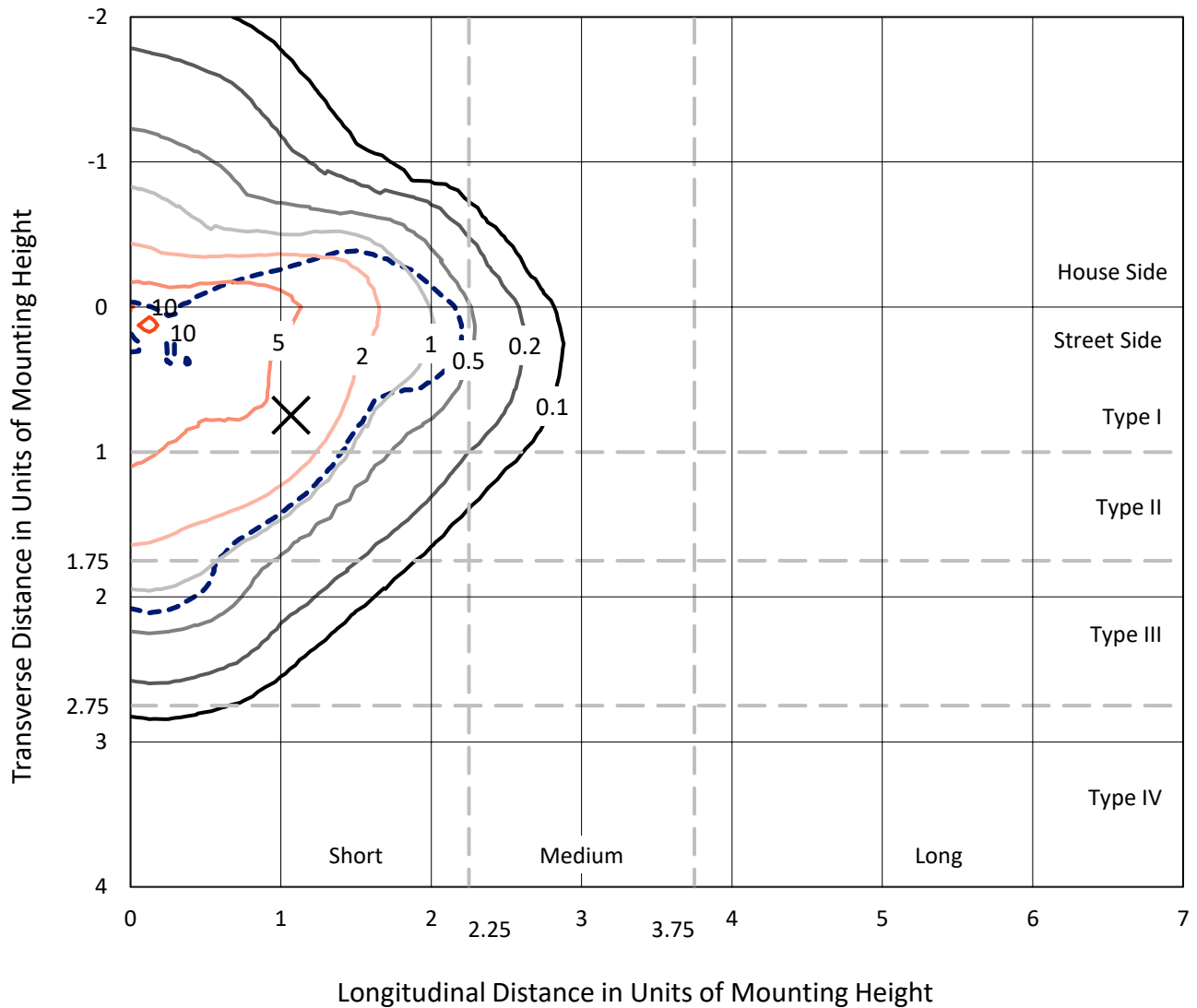
Input Watts (W): 154
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P529796
 CATALOG NUMBER: GALN-SA5A-727-U-SLL-GRSWH

Iso-Footcandle Lines of Horizontal Illumination

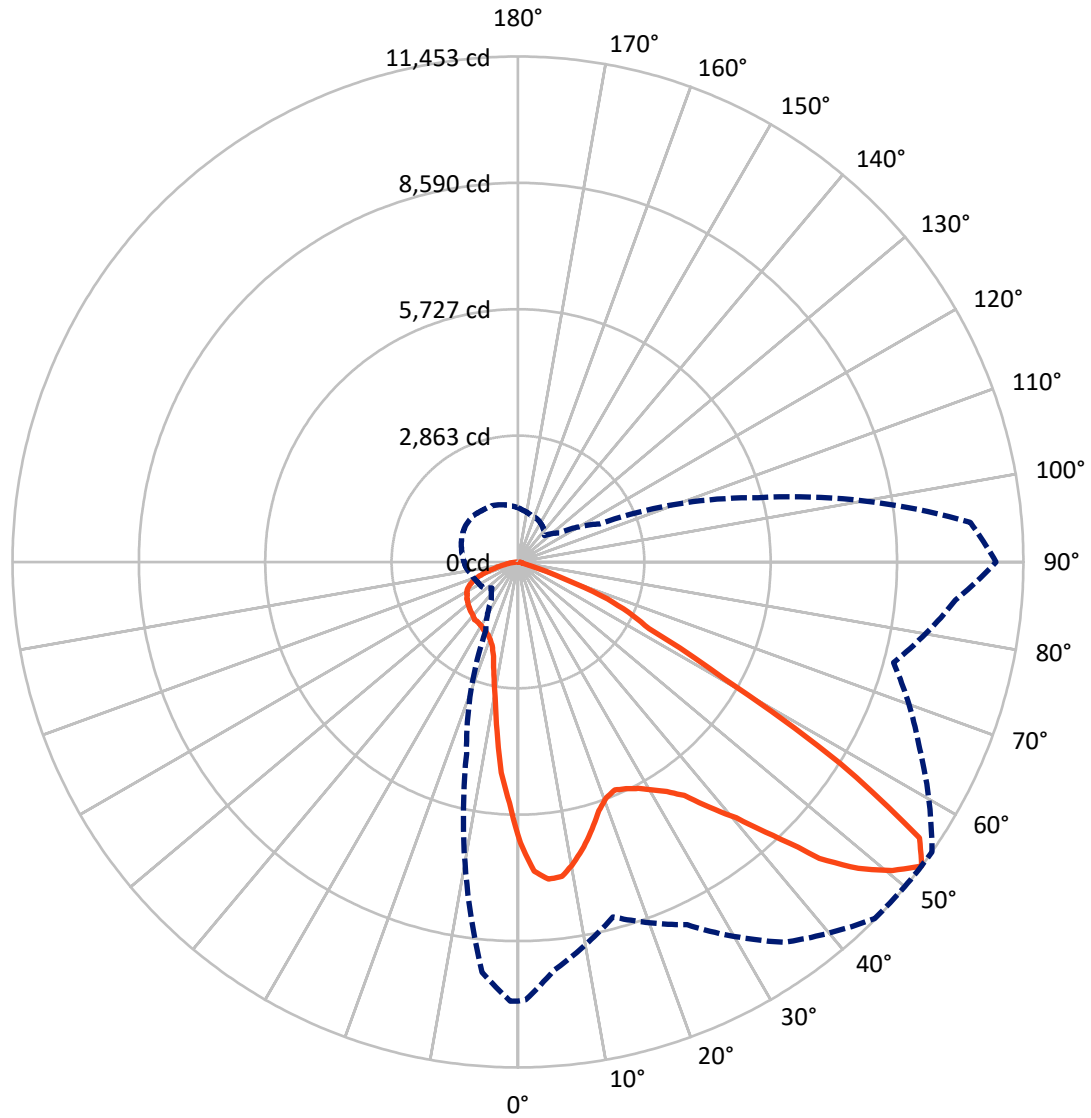
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.8 fc
 Type II - Short - N/A

REPORT NUMBER: P529796
CATALOG NUMBER: GALN-SA5A-727-U-SLL-GRSWH

Luminous Intensity Polar Plot



— Vertical Plane Through 55-Deg Lateral - - - Horizontal Cone Through 52.5-Deg Vertical

REPORT NUMBER: P529796
 CATALOG NUMBER: GALN-SA5A-727-U-SLL-GRSWH

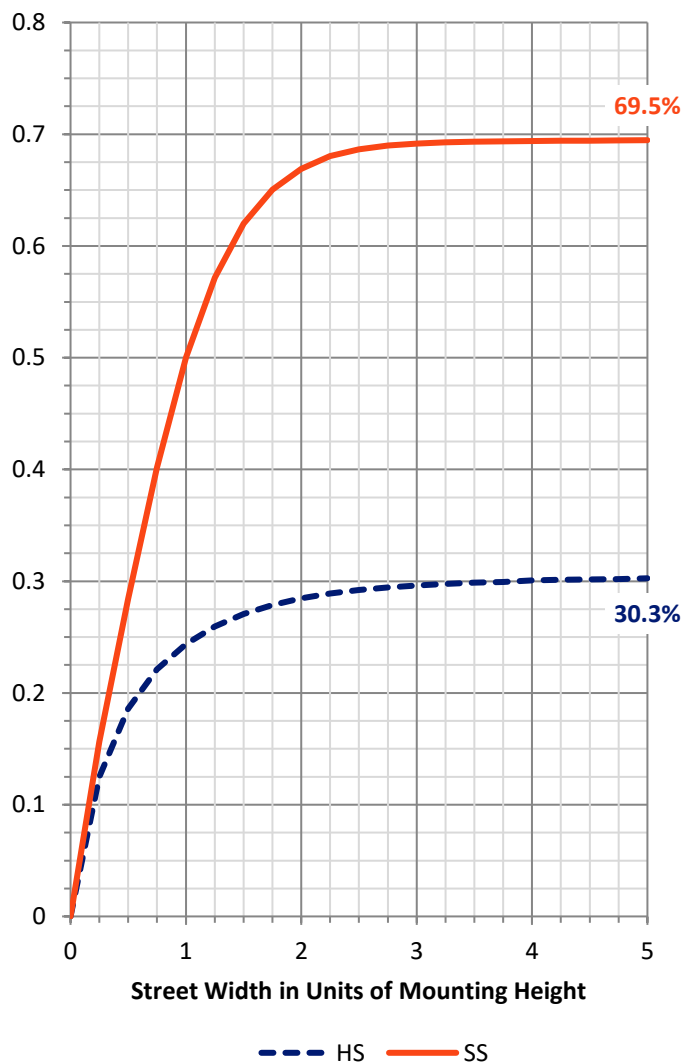
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4351.3	0.0	4351.3
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	9912.7	0.0	9912.7
	% Fixture	69.5	0.0	69.5
Total	Lumens	14264.0	0.0	14264.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	486.1	3.4
10°-20°	1048.1	7.3
20°-30°	1589.3	11.1
30°-40°	2296.3	16.1
40°-50°	3068.4	21.5
50°-60°	3425.1	24.0
60°-70°	1878.8	13.2
70°-80°	406.2	2.8
80°-90°	65.7	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°	14264.0	100.0
0°-180°	14264.0	100.0

Coefficient of Utilization



REPORT NUMBER: P529796

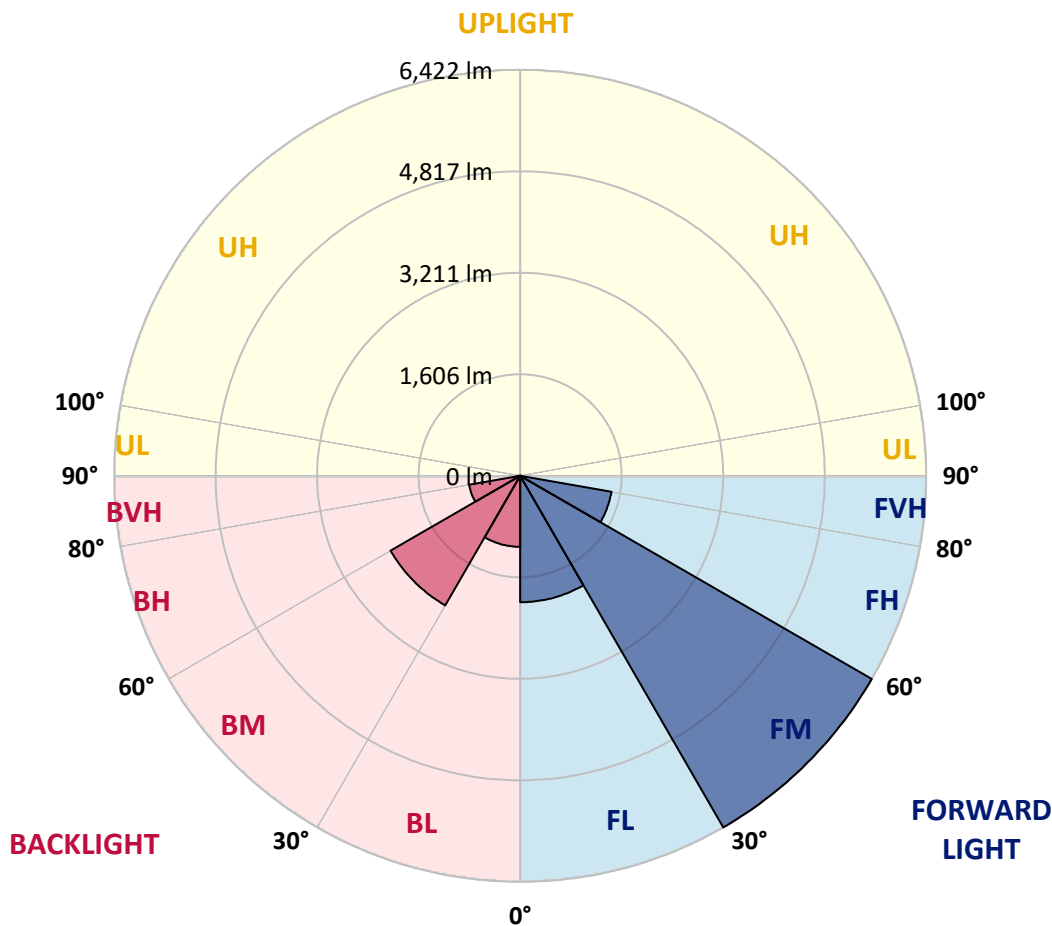
CATALOG NUMBER: GALN-SA5A-727-U-SLL-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2000.1	14.0			
FM (30°-60°)	6422.3	45.0			
FH (60°-80°)	1466.0	10.3			G1/1800
FVH (80°-90°)	24.3	0.2			G1/100
BL (0°-30°)	1123.4	7.9	B3/2500		
BM (30°-60°)	2367.5	16.6	B2/2500		
BH (60°-80°)	819.0	5.7	B2/1000		G2/1000
BVH (80°-90°)	41.4	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-G2

Type II Short





REPORT NUMBER: P529796

CATALOG NUMBER: GALN-SA5A-727-U-SLL-GRSWH

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	6362.8	6362.8	6362.8	6362.8	6362.8	6362.8	6362.8	6362.8	6362.8	6362.8	6362.8
2.5°	6677.3	6639.9	6673.2	6831.5	6923.1	6985.6	7025.2	7018.9	6869.0	6723.2	6723.2
5°	6481.6	6433.7	6502.4	6860.6	7220.9	7252.2	7304.3	7218.9	6998.1	6731.5	6398.3
7.5°	5915.1	5950.5	6065.0	6535.7	7004.3	7239.7	7302.2	7193.9	6835.6	6337.9	5848.4
10°	5425.6	5508.9	5773.4	6281.6	6712.8	7018.9	7087.6	6935.6	6652.4	6042.1	5604.7
12.5°	5256.9	5204.8	5498.5	6006.7	6419.1	6583.6	6614.9	6625.3	6433.7	5892.1	5359.0
15°	5236.1	5269.4	5498.5	5883.8	6137.9	6146.2	6198.3	6279.5	6304.5	5994.2	5473.5
17.5°	5536.0	5496.4	5731.8	6037.9	5917.1	5796.3	5808.8	5925.5	6131.7	6081.7	5833.8
20°	5979.6	6069.2	6254.5	6223.3	5898.4	5592.2	5594.3	5704.7	6110.8	6444.1	6335.8
22.5°	6716.9	6804.4	6941.9	6564.9	5898.4	5531.8	5461.0	5611.0	6244.1	6875.2	6902.3
25°	7389.7	7550.0	7587.5	7143.9	6194.1	5588.1	5542.2	5690.1	6377.4	7295.9	7552.1
27.5°	8002.0	8060.3	8224.8	7516.7	6358.7	5625.5	5621.4	5810.9	6546.1	7506.3	8133.2
30°	8485.2	8478.9	8572.7	7752.1	6621.1	5835.9	5633.9	5992.1	6766.9	7854.1	8670.6
32.5°	8814.3	8885.1	9082.9	8079.0	6731.5	6035.9	5877.6	6204.6	7035.6	8018.6	9049.6
35°	9393.3	9516.2	9266.2	8260.2	7081.4	6233.7	6048.3	6494.1	7168.9	8197.8	9514.1
37.5°	9939.0	9845.2	9591.1	8358.1	7308.4	6600.3	6427.4	7054.3	7583.3	8587.2	9822.3
40°	10288.9	10286.8	9834.8	8437.3	7468.8	7160.5	7150.1	7622.9	8091.5	8833.0	10168.1
42.5°	10440.9	10586.7	9934.8	8429.0	7806.2	7839.5	8049.9	8472.7	8451.9	8883.0	10159.7
44°	10649.2	10736.7	10107.7	8447.7	8031.1	8297.7	8793.4	9062.1	8766.4	8855.9	10149.3
45°	10640.8	10647.1	9861.9	8472.7	8222.8	8681.0	9124.6	9578.6	9043.4	8797.6	10286.8
47.5°	10397.2	10326.3	9653.6	8287.3	8820.5	9693.2	10103.5	10378.4	9384.9	8672.6	10116.0
50°	9916.0	9834.8	9147.5	8208.2	8945.5	10322.2	10888.7	10988.7	9695.3	8549.8	9947.3
52.5°	9949.4	9926.5	9291.2	8326.9	9070.4	10520.0	11428.1	11453.1	10047.3	8808.0	9949.4
55°	10545.0	10465.9	9703.6	8474.8	8978.8	10288.9	11084.5	11040.7	9928.5	8651.8	10132.7
57.5°	9649.5	9701.5	9132.9	7889.5	7858.3	8364.4	8714.3	8606.0	8285.2	7808.3	9426.6
60°	7785.4	7933.3	7987.4	6598.2	5929.6	5669.3	5565.1	5373.5	5427.7	6414.9	8281.1
62.5°	6677.3	6669.0	7008.5	5981.7	3884.4	3340.8	3290.8	3334.5	3959.3	6314.9	8110.3
65°	5294.4	5436.0	5540.2	5069.5	3074.2	2480.6	2478.5	2755.5	3426.1	5277.7	6548.2
67.5°	3361.6	3546.9	3676.1	3242.9	2055.7	1766.2	1718.3	2051.5	2374.4	3461.6	3942.7
70°	1895.3	1982.8	2041.1	1870.3	1308.0	916.4	862.3	941.4	1435.0	2241.1	2336.9
72.5°	731.1	770.6	849.8	856.0	493.6	295.8	239.5	287.4	604.0	887.3	845.6
75°	112.5	120.8	170.8	204.1	141.6	108.3	114.6	118.7	168.7	229.1	191.6
77.5°	54.2	54.2	52.1	60.4	70.8	77.1	83.3	91.6	100.0	110.4	106.2
80°	35.4	35.4	35.4	41.7	52.1	62.5	70.8	75.0	79.1	87.5	83.3
82.5°	22.9	22.9	22.9	31.2	41.7	52.1	56.2	66.6	75.0	87.5	81.2
85°	12.5	12.5	12.5	20.8	31.2	43.7	41.7	33.3	18.7	2.1	4.2
87.5°	4.2	4.2	4.2	4.2	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



REPORT NUMBER: P529796

CATALOG NUMBER: GALN-SA5A-727-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6362.8	6362.8	6362.8	6362.8	6362.8	6362.8	6362.8	6362.8	6362.8	6362.8	6362.8
2.5°	6548.2	6452.4	6444.1	6248.3	6073.3	5987.9	5919.2	5727.6	5769.3	5658.9	5656.8
5°	6231.6	6035.9	5719.3	5458.9	5198.6	5146.5	4919.5	4721.6	4727.9	4586.2	4611.2
7.5°	5663.0	5527.7	5142.3	4734.1	4388.4	4142.6	3928.1	3799.0	3634.4	3578.2	3549.0
10°	5302.7	5136.1	4702.9	4190.5	3803.1	3671.9	3465.7	3351.2	3182.5	3099.2	3040.8
12.5°	5144.4	4900.7	4359.2	3838.5	3580.3	3444.9	3269.9	3061.7	2861.7	2784.7	2678.4
15°	5161.1	4869.5	4259.3	3696.9	3386.6	3124.1	2967.9	2736.8	2532.6	2397.3	2320.2
17.5°	5413.1	5059.0	4305.1	3588.6	3142.9	2813.8	2507.6	2257.7	2095.3	1993.2	1968.2
20°	6008.8	5527.7	4382.1	3413.7	2899.2	2488.9	2111.9	1851.6	1726.6	1724.5	1726.6
22.5°	6504.5	6027.5	4538.3	3309.5	2655.5	2072.4	1697.5	1614.1	1589.1	1641.2	1647.5
25°	7173.0	6589.9	4807.0	3255.4	2430.6	1766.2	1535.0	1503.8	1501.7	1568.3	1570.4
27.5°	7858.3	7081.4	4967.4	3097.1	2201.5	1607.9	1437.1	1430.9	1464.2	1535.0	1528.7
30°	8324.8	7493.8	5256.9	2907.5	1930.7	1468.3	1397.5	1405.9	1451.7	1505.8	1514.2
32.5°	8868.4	7899.9	5331.9	2803.4	1764.1	1351.7	1301.7	1320.5	1378.8	1464.2	1510.0
35°	9491.2	8187.3	5446.4	2661.8	1701.6	1262.2	1237.2	1258.0	1328.8	1385.0	1435.0
37.5°	9951.5	8695.5	5467.3	2551.4	1632.9	1212.2	1172.6	1241.3	1283.0	1362.1	1387.1
40°	10293.0	9064.2	5521.4	2482.7	1578.7	1147.6	1147.6	1193.4	1249.7	1322.6	1372.5
42.5°	10511.7	9332.9	5561.0	2420.2	1474.6	1128.9	1118.4	1164.3	1239.2	1310.1	1333.0
44°	10645.0	9447.4	5521.4	2361.9	1445.4	1105.9	1105.9	1145.5	1203.8	1287.1	1314.2
45°	10678.3	9591.1	5433.9	2359.8	1410.0	1078.9	1074.7	1149.7	1189.3	1291.3	1308.0
47.5°	10807.5	9768.2	5444.3	2293.1	1324.6	1014.3	1087.2	1120.5	1155.9	1245.5	1301.7
50°	10803.3	9878.6	5421.4	2195.2	1262.2	941.4	1062.2	1099.7	1135.1	1226.7	1249.7
52.5°	10832.5	10290.9	5631.8	2039.0	1149.7	847.7	978.9	1062.2	1105.9	1183.0	1230.9
55°	10817.9	10526.3	5840.1	1922.4	991.4	791.5	908.1	1006.0	1068.5	1149.7	1172.6
57.5°	9880.6	9303.7	5404.8	1703.7	820.6	724.8	808.1	947.7	1026.8	1110.1	1139.3
60°	8072.8	7171.0	4457.1	1253.8	674.8	666.5	751.9	928.9	962.2	1035.1	1085.1
62.5°	7460.5	6290.0	3534.5	958.1	576.9	610.3	693.6	839.4	891.4	981.0	1026.8
65°	5838.0	4178.0	2189.0	647.7	508.2	547.8	626.9	735.2	820.6	903.9	958.1
67.5°	3457.4	2282.7	1083.0	454.0	443.6	485.3	566.5	647.7	745.6	837.3	864.3
70°	1882.8	1122.6	462.4	345.7	377.0	414.5	493.6	549.8	643.6	714.4	760.2
72.5°	604.0	341.6	231.2	256.2	287.4	331.2	379.1	447.8	514.4	556.1	593.6
75°	145.8	143.7	164.5	179.1	208.3	241.6	281.2	316.6	368.6	408.2	441.5
77.5°	102.1	110.4	127.0	147.9	158.3	170.8	195.8	222.9	245.8	274.9	295.8
80°	79.1	85.4	97.9	108.3	118.7	129.1	141.6	152.0	166.6	185.4	195.8
82.5°	75.0	79.1	91.6	97.9	93.7	91.6	100.0	104.1	106.2	112.5	118.7
85°	6.2	0.0	4.2	14.6	35.4	52.1	56.2	56.2	54.2	58.3	58.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	8.3	6.2
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: P529796

CATALOG NUMBER: GALN-SA5A-727-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	6362.8	6362.8	6362.8	6362.8	6362.8	6362.8	6362.8	6362.8	6362.8	6362.8	6362.8
2.5°	5631.8	5561.0	5588.1	5621.4	5573.5	5463.1	5492.3	5479.8	5592.2	5583.9	5696.4
5°	4721.6	4611.2	4623.7	4786.2	4734.1	4790.4	4677.9	4663.3	4684.1	4694.6	4713.3
7.5°	3613.6	3599.0	3724.0	3861.4	3926.0	3859.4	3749.0	3724.0	3701.1	3655.3	3759.4
10°	2949.2	2953.4	2945.0	3049.2	3122.1	3107.5	3040.8	3032.5	2988.8	2972.1	3030.4
12.5°	2632.6	2576.4	2549.3	2516.0	2572.2	2609.7	2580.5	2559.7	2561.8	2582.6	2591.0
15°	2326.4	2291.0	2232.7	2195.2	2222.3	2203.6	2193.2	2234.8	2224.4	2220.2	2270.2
17.5°	1982.8	2012.0	2007.8	1966.1	2001.5	1987.0	1984.9	1955.7	1916.1	1887.0	1903.6
20°	1755.8	1809.9	1851.6	1853.7	1872.4	1870.3	1839.1	1749.5	1720.4	1714.1	1718.3
22.5°	1674.5	1703.7	1753.7	1824.5	1824.5	1791.2	1753.7	1649.5	1622.5	1593.3	1580.8
25°	1610.0	1666.2	1730.8	1739.1	1772.4	1741.2	1680.8	1628.7	1572.5	1532.9	1532.9
27.5°	1576.7	1639.1	1687.0	1701.6	1747.4	1722.4	1660.0	1593.3	1526.7	1524.6	1489.2
30°	1562.1	1620.4	1651.6	1687.0	1707.9	1668.3	1649.5	1578.7	1512.1	1495.4	1437.1
32.5°	1518.3	1601.6	1660.0	1651.6	1668.3	1651.6	1624.6	1566.2	1491.3	1453.8	1447.5
35°	1468.3	1551.7	1614.1	1657.9	1668.3	1632.9	1616.2	1537.1	1435.0	1416.3	1351.7
37.5°	1441.3	1491.3	1568.3	1639.1	1653.7	1635.0	1578.7	1497.5	1395.5	1374.6	1318.4
40°	1407.9	1472.5	1532.9	1591.2	1635.0	1589.1	1524.6	1445.4	1399.6	1337.1	1320.5
42.5°	1383.0	1455.9	1505.8	1570.4	1620.4	1560.0	1485.0	1430.9	1366.3	1324.6	1276.7
44°	1374.6	1441.3	1474.6	1553.7	1595.4	1549.6	1487.1	1430.9	1355.9	1318.4	1276.7
45°	1345.5	1437.1	1472.5	1543.3	1578.7	1541.2	1462.1	1405.9	1351.7	1305.9	1262.2
47.5°	1316.3	1378.8	1439.2	1495.4	1520.4	1507.9	1441.3	1372.5	1308.0	1280.9	1239.2
50°	1308.0	1370.5	1426.7	1478.8	1507.9	1482.9	1422.5	1355.9	1280.9	1237.2	1201.8
52.5°	1266.3	1343.4	1405.9	1422.5	1460.0	1445.4	1399.6	1326.7	1255.9	1218.4	1189.3
55°	1205.9	1287.1	1372.5	1393.4	1447.5	1424.6	1355.9	1287.1	1226.7	1170.5	1133.0
57.5°	1183.0	1262.2	1345.5	1372.5	1405.9	1368.4	1351.7	1278.8	1183.0	1153.9	1095.5
60°	1124.7	1224.7	1293.4	1355.9	1358.0	1347.5	1318.4	1235.1	1155.9	1101.8	1060.1
62.5°	1078.9	1172.6	1226.7	1285.1	1320.5	1291.3	1262.2	1185.1	1099.7	1039.3	991.4
65°	1012.2	1097.6	1143.4	1178.8	1218.4	1214.3	1164.3	1108.0	1018.5	970.6	924.7
67.5°	910.2	985.1	1047.6	1081.0	1105.9	1099.7	1062.2	1022.6	931.0	883.1	849.8
70°	787.3	864.3	903.9	922.7	947.7	960.2	931.0	912.3	831.0	768.5	737.3
72.5°	633.2	683.1	741.5	758.1	768.5	776.9	776.9	760.2	676.9	651.9	597.8
75°	466.5	506.1	549.8	549.8	568.6	570.7	574.8	564.4	501.9	468.6	456.1
77.5°	316.6	345.7	381.1	395.7	408.2	406.1	404.1	374.9	341.6	327.0	314.5
80°	206.2	235.4	252.0	270.8	283.3	281.2	285.3	264.5	249.9	224.9	229.1
82.5°	122.9	145.8	162.5	185.4	185.4	191.6	191.6	185.4	170.8	158.3	158.3
85°	58.3	77.1	87.5	102.1	110.4	112.5	100.0	85.4	70.8	64.6	70.8
87.5°	10.4	14.6	20.8	18.7	22.9	20.8	20.8	20.8	20.8	16.7	18.7
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: P529796

CATALOG NUMBER: GALN-SA5A-727-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6362.8	6362.8	6362.8	6362.8	6362.8	6362.8	6362.8	6362.8	6362.8	6362.8
2.5°	5654.7	5758.8	5831.7	5952.5	6160.8	6327.4	6498.2	6625.3	6639.9	6677.3
5°	4782.0	4838.3	5023.6	5265.2	5436.0	5717.2	5898.4	6227.5	6350.4	6481.6
7.5°	3734.4	3826.0	4073.9	4236.3	4611.2	4963.2	5327.7	5733.9	5896.3	5915.1
10°	3149.1	3282.4	3451.1	3711.5	3915.6	4307.2	4761.2	5213.2	5394.4	5425.6
12.5°	2765.9	2936.7	3161.6	3349.1	3544.9	3886.4	4321.7	4879.9	5115.3	5256.9
15°	2397.3	2574.3	2822.1	3082.5	3255.4	3663.6	4175.9	4804.9	5111.1	5236.1
17.5°	2018.2	2182.7	2386.8	2668.0	3015.8	3474.1	4153.0	5054.9	5390.2	5536.0
20°	1693.3	1784.9	2022.4	2311.9	2747.2	3280.4	4161.4	5423.5	5915.1	5979.6
22.5°	1566.2	1587.1	1680.8	1947.4	2424.3	3082.5	4309.2	5946.3	6504.5	6716.9
25°	1468.3	1464.2	1489.2	1668.3	2189.0	3005.4	4455.0	6427.4	7158.5	7389.7
27.5°	1414.2	1372.5	1374.6	1543.3	2022.4	2880.5	4642.5	6979.3	7899.9	8002.0
30°	1387.1	1378.8	1353.8	1422.5	1841.2	2693.0	4673.7	7522.9	8337.3	8485.2
32.5°	1370.5	1289.2	1258.0	1283.0	1670.4	2488.9	4790.4	7881.2	8878.8	8814.3
35°	1287.1	1214.3	1193.4	1218.4	1549.6	2374.4	4713.3	8193.6	9285.0	9393.3
37.5°	1255.9	1191.3	1149.7	1128.9	1437.1	2278.5	4673.7	8674.7	9678.6	9939.0
40°	1226.7	1158.0	1108.0	1087.2	1349.6	2151.5	4661.2	9045.4	10132.7	10288.9
42.5°	1193.4	1149.7	1093.5	1056.0	1243.4	2024.4	4517.5	9160.0	10272.2	10440.9
44°	1183.0	1116.4	1058.0	1045.5	1201.8	1959.9	4488.4	9264.1	10393.0	10649.2
45°	1172.6	1110.1	1043.5	1026.8	1187.2	1924.5	4448.8	9289.1	10592.9	10640.8
47.5°	1143.4	1103.9	1039.3	993.5	1155.9	1847.4	4330.1	9147.5	10388.8	10397.2
50°	1120.5	1074.7	1008.1	918.5	1114.3	1782.8	4384.2	9095.4	9897.3	9916.0
52.5°	1095.5	1026.8	989.3	835.2	1045.5	1728.7	4498.8	9330.8	9953.5	9949.4
55°	1066.4	991.4	899.8	764.4	931.0	1660.0	4775.8	9795.2	10474.2	10545.0
57.5°	1020.6	956.0	824.8	701.9	799.8	1528.7	4686.2	8905.9	9637.0	9649.5
60°	960.2	899.8	747.7	654.0	656.1	1205.9	4190.5	6939.8	7604.2	7785.4
62.5°	901.8	868.5	683.1	585.3	558.2	960.2	3542.8	5767.2	6527.4	6677.3
65°	833.1	751.9	626.9	533.2	479.0	672.7	2509.7	4309.2	5092.4	5294.4
67.5°	745.6	658.2	551.9	468.6	410.3	449.9	1295.5	2449.3	3242.9	3361.6
70°	651.9	570.7	464.5	395.7	331.2	310.3	570.7	1168.4	1772.4	1895.3
72.5°	535.3	460.3	370.7	312.4	247.8	214.5	191.6	312.4	629.0	731.1
75°	387.4	335.3	279.1	222.9	175.0	137.5	112.5	93.7	104.1	112.5
77.5°	285.3	243.7	206.2	158.3	122.9	97.9	77.1	58.3	56.2	54.2
80°	222.9	197.9	164.5	127.0	95.8	72.9	54.2	39.6	35.4	35.4
82.5°	175.0	162.5	135.4	104.1	79.1	58.3	39.6	27.1	22.9	22.9
85°	66.6	66.6	97.9	85.4	60.4	41.7	27.1	14.6	12.5	12.5
87.5°	16.7	16.7	16.7	16.7	14.6	12.5	12.5	6.2	4.2	4.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)