

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: P652126

Luminaire Tested: **GALN-SA9A-840-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P652126
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-SA9A-840-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 80 CRI, 4000K, 615mA 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: 30054 lumens
Efficiency: N/A
Efficacy: 109.7 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

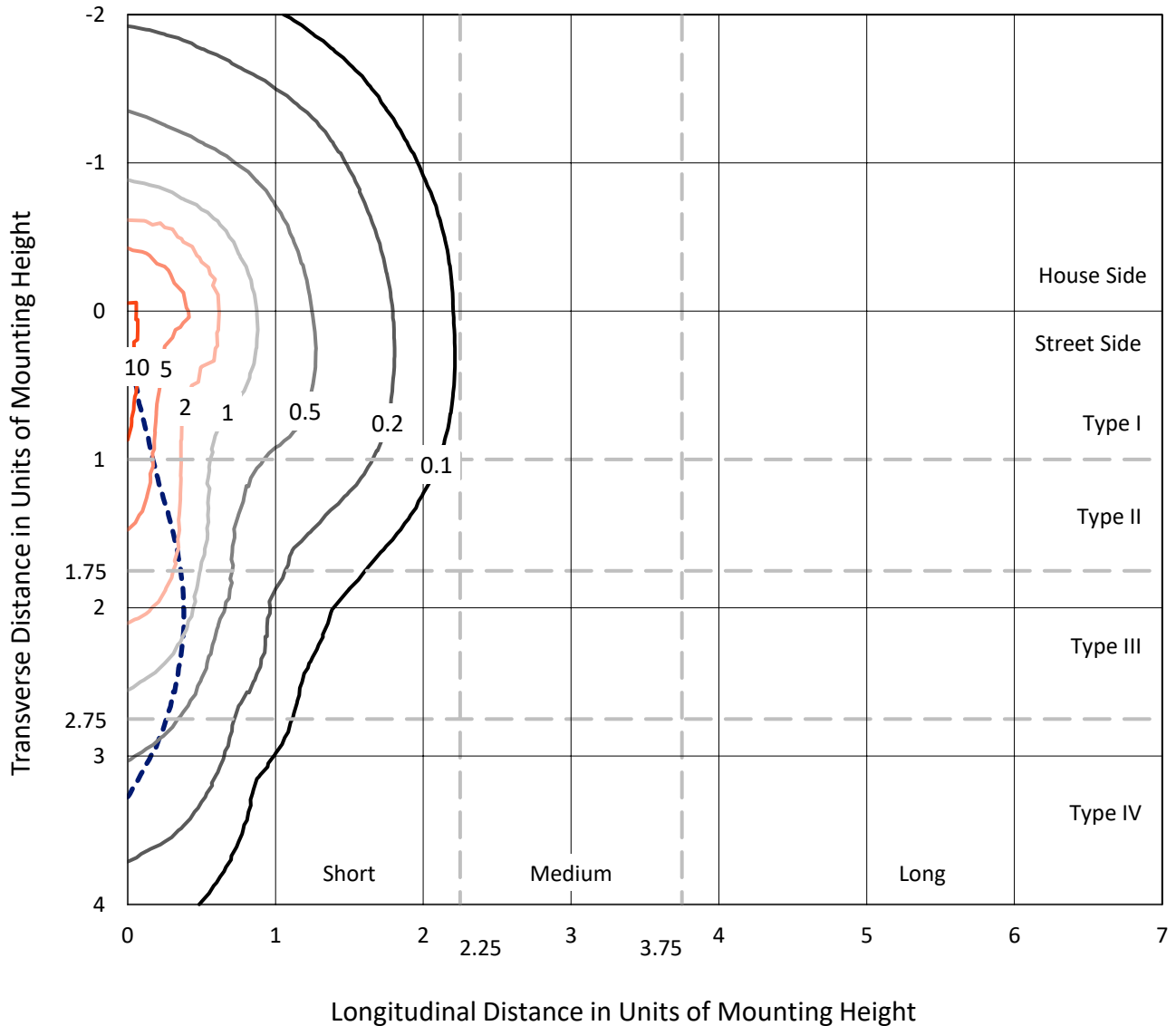
Input Watts (W): 274
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P652126
 CATALOG NUMBER: GALN-SA9A-840-U-SLR

Iso-Footcandle Lines of Horizontal Illumination

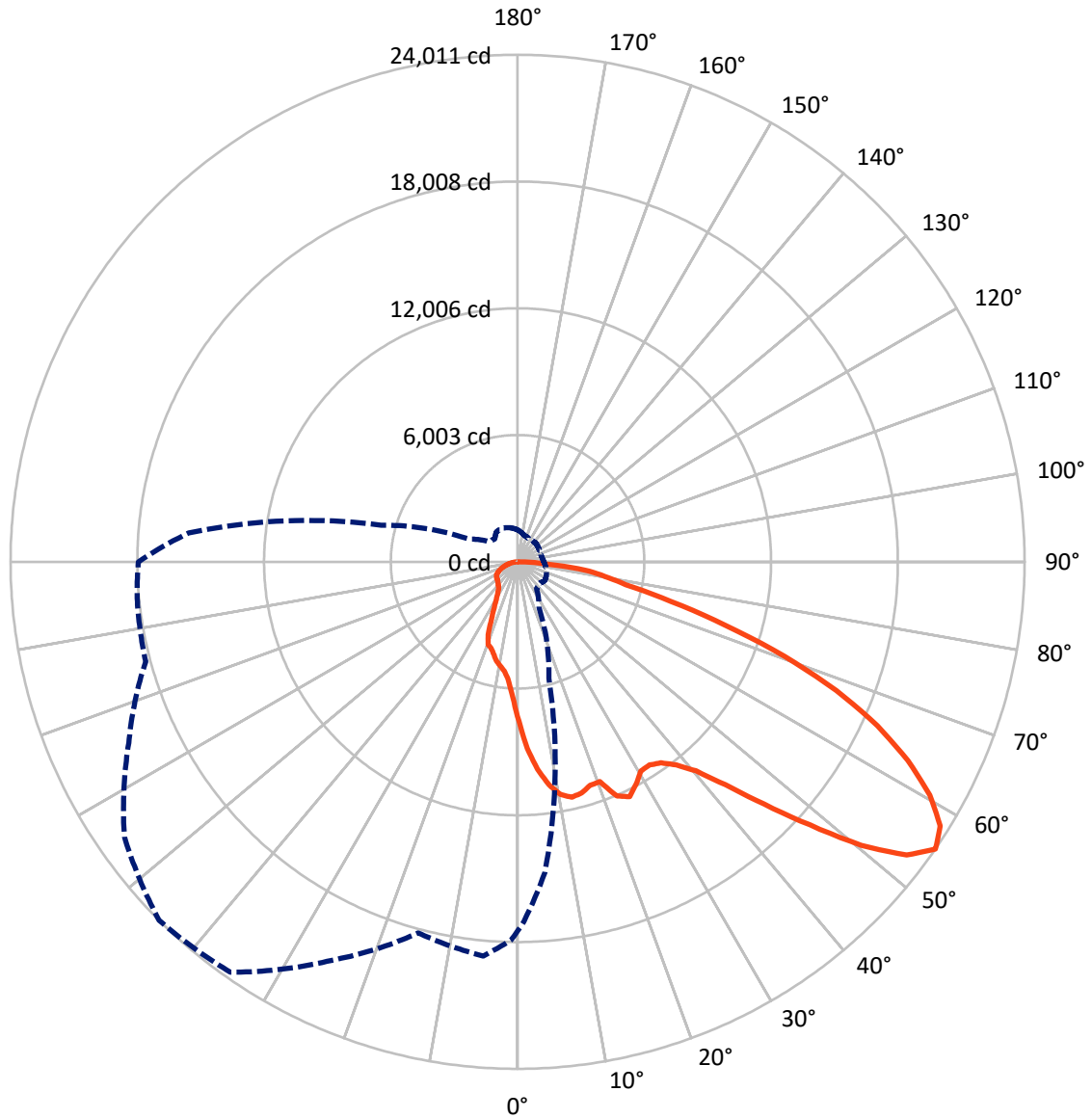
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.9 fc
 Type IV - Short - N/A

REPORT NUMBER: P652126
CATALOG NUMBER: GALN-SA9A-840-U-SLR

Luminous Intensity Polar Plot



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

REPORT NUMBER: P652126
 CATALOG NUMBER: GALN-SA9A-840-U-SLR

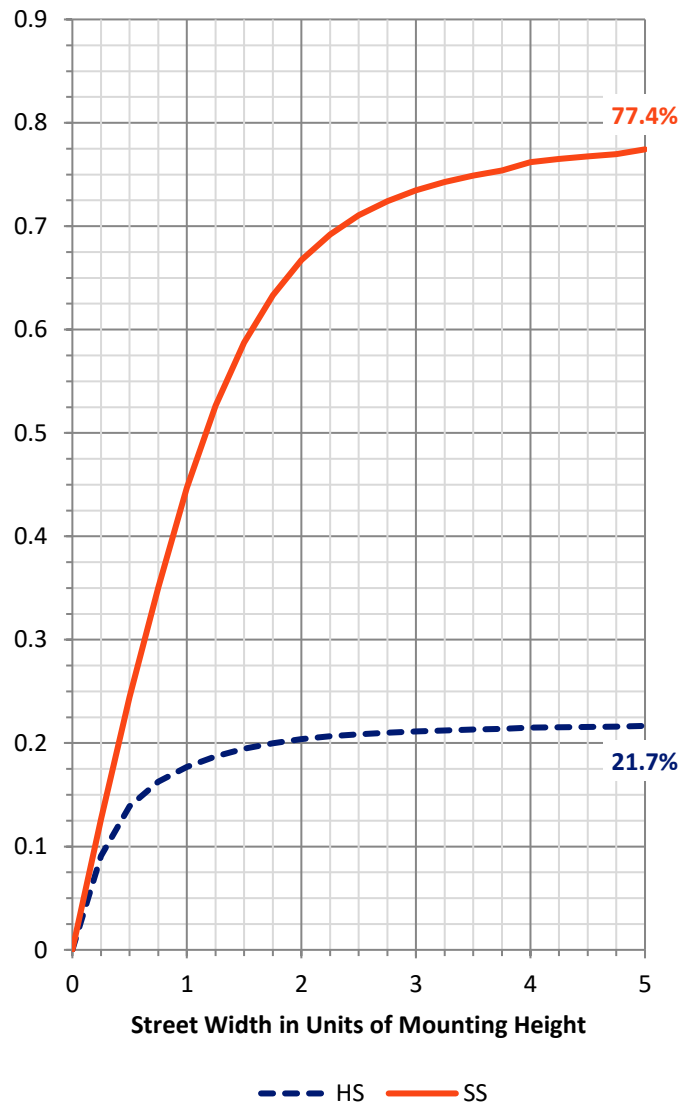
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6574.2	0.0	6574.2
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	23479.8	0.0	23479.8
	% Fixture	78.1	0.0	78.1
Total	Lumens	30054.0	0.0	30054.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	639.2	2.1
10°-20°	1695.9	5.6
20°-30°	2929.8	9.7
30°-40°	3404.9	11.3
40°-50°	4750.5	15.8
50°-60°	6445.9	21.4
60°-70°	6132.5	20.4
70°-80°	3312.9	11.0
80°-90°	742.5	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°	30054.0	100.0
0°-180°	30054.0	100.0

Coefficient of Utilization

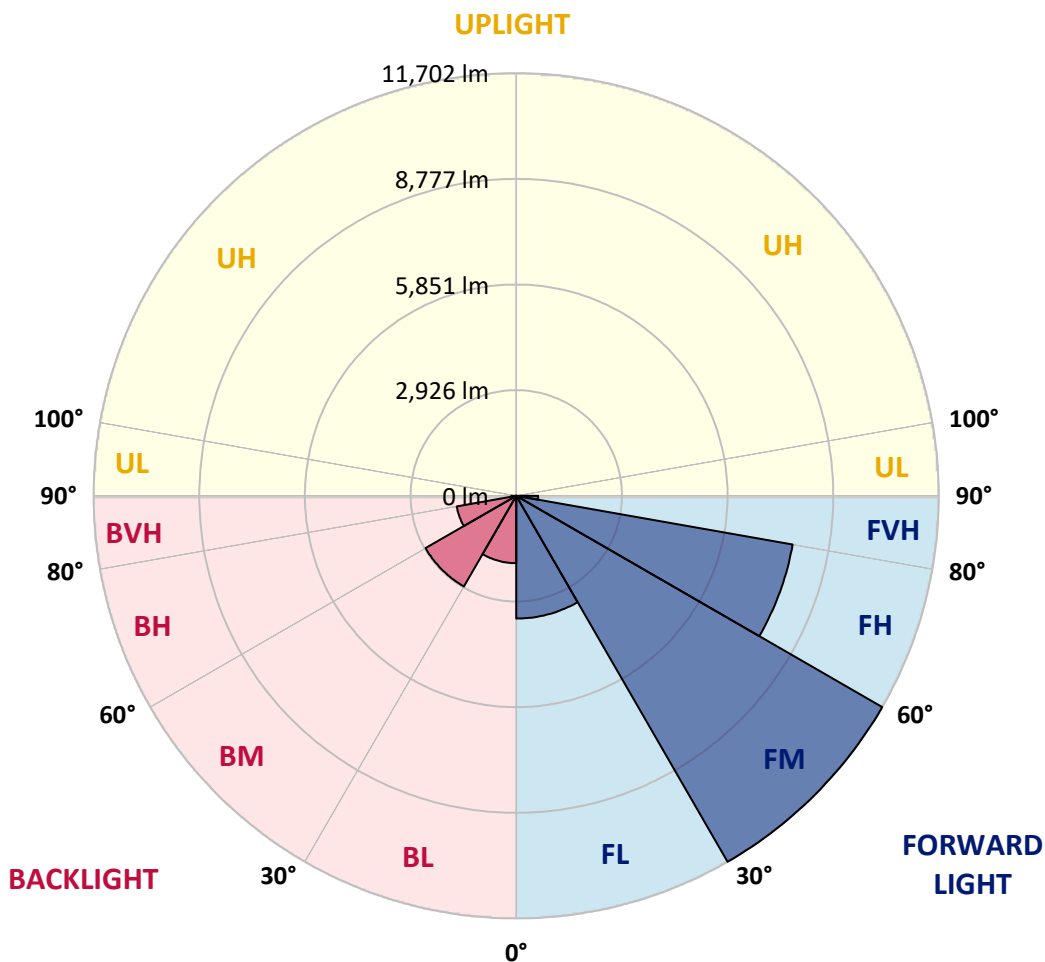


REPORT NUMBER: P652126
 CATALOG NUMBER: GALN-SA9A-840-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3399.2	11.3			
FM (30°-60°)	11702.4	38.9			
FH (60°-80°)	7771.5	25.9			G4/12000
FVH (80°-90°)	606.8	2.0			G4/750
BL (0°-30°)	1865.8	6.2	B3/2500		
BM (30°-60°)	2898.8	9.6	B3/5000		
BH (60°-80°)	1673.9	5.6	B3/2500		G3/2500
BVH (80°-90°)	135.7	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: P652126

CATALOG NUMBER: GALN-SA9A-840-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	7542.3	7542.3	7542.3	7542.3	7542.3	7542.3	7542.3	7542.3	7542.3	7542.3	7542.3
2.5°	8379.1	8347.3	8258.1	8024.1	7788.2	7548.3	7364.0	7134.0	6894.0	6765.2	6600.6
5°	8494.1	8458.4	8248.2	7720.8	7242.9	6741.4	6340.8	5989.9	5847.1	5637.0	5468.4
7.5°	8224.5	8208.6	7893.3	7135.9	6481.6	5825.4	5371.3	5089.7	4833.9	4738.8	4758.6
10°	7978.6	7915.2	7520.6	6531.2	5767.8	5234.5	4909.3	4633.7	4453.3	4405.7	4415.6
12.5°	7774.4	7689.1	7223.2	6124.8	5456.5	5030.3	4615.8	4328.4	4163.8	4209.4	4364.0
15°	7732.7	7617.7	7098.2	5985.9	5286.0	4736.8	4282.7	3951.6	3828.7	3927.8	4175.6
17.5°	8002.4	7857.6	7312.4	6031.5	5123.5	4437.4	3880.2	3501.5	3398.4	3557.0	3880.2
20°	8868.8	8654.7	7980.6	6295.2	5107.6	4288.7	3646.2	3265.6	3309.2	3610.6	3947.7
22.5°	10470.9	10149.7	9150.4	6679.9	5190.8	4251.0	3598.7	3400.4	3640.4	3896.1	4118.2
25°	10788.1	10536.3	9360.6	6767.1	5173.0	4225.3	3733.5	3832.7	4100.3	4227.2	4149.9
27.5°	10966.6	10679.1	9346.7	6334.9	4625.8	3832.7	3569.0	3733.5	3800.9	3678.0	3467.9
30°	11382.9	11083.5	9582.6	5880.9	3808.9	2843.3	2492.3	2424.9	2470.5	2494.3	2419.0
32.5°	11956.0	11660.5	10026.7	5583.4	3293.4	2351.5	2006.5	1911.3	1889.6	1863.8	1834.1
35°	12697.5	12243.4	10463.0	5393.1	3081.2	2175.1	1857.9	1784.4	1754.7	1719.0	1687.3
37.5°	13451.0	12975.1	11014.2	5192.8	2940.4	2052.1	1758.7	1725.0	1673.4	1635.7	1590.2
40°	14252.0	13718.6	11515.8	5018.3	2803.6	1972.8	1687.3	1683.3	1616.0	1572.3	1518.8
42.5°	14945.9	14396.7	11963.9	4911.3	2698.5	1889.6	1643.7	1655.6	1586.2	1520.8	1451.4
45°	15497.2	14957.9	12378.3	4911.3	2613.2	1806.3	1635.7	1627.8	1558.5	1477.1	1397.8
47.5°	15980.9	15423.8	12782.8	5036.2	2559.8	1736.9	1592.2	1606.1	1534.7	1431.6	1354.2
50°	16355.7	15864.0	13328.0	5230.5	2506.2	1681.4	1536.6	1611.9	1514.8	1407.7	1318.5
52.5°	16833.5	16393.4	13984.3	5496.2	2460.6	1619.9	1487.1	1611.9	1512.9	1409.8	1312.5
55°	17495.7	17031.8	14775.4	5716.3	2387.3	1562.4	1443.4	1566.4	1506.9	1399.8	1296.7
57.5°	17959.7	17612.7	15334.5	5862.9	2282.1	1489.1	1403.8	1522.7	1481.1	1362.2	1249.1
58°	17981.5	17642.5	15415.9	5896.7	2256.4	1475.2	1393.9	1503.0	1469.2	1346.3	1233.2
60°	17731.7	17440.2	15431.8	5849.1	2109.6	1405.7	1342.3	1421.6	1405.7	1253.1	1148.0
62.5°	16823.6	16512.4	14791.3	5462.5	1915.3	1320.5	1263.0	1312.5	1276.9	1122.2	1025.1
65°	15532.8	14959.9	13474.8	4855.8	1776.5	1229.3	1156.0	1159.9	1122.2	1011.2	925.9
67.5°	13813.8	13173.3	11408.8	4092.4	1671.5	1128.2	1029.0	1019.1	973.5	902.1	832.8
70°	11698.2	11260.1	9271.4	3329.0	1554.5	1017.2	886.3	880.4	852.6	799.0	737.6
72.5°	9481.5	8924.4	7486.8	2664.8	1411.7	910.0	753.5	765.3	729.7	692.0	636.5
75°	6997.1	6632.3	5787.7	2137.4	1219.4	793.1	628.6	632.5	616.6	577.0	533.4
77.5°	4607.9	4498.8	4140.0	1403.8	937.8	630.5	513.5	517.5	505.6	470.0	424.3
80°	3101.0	3027.7	2805.6	904.2	626.5	456.0	396.5	400.5	398.5	360.9	299.4
82.5°	1911.3	1879.6	1808.2	610.7	434.2	327.1	261.7	273.6	295.4	253.8	204.2
85°	902.1	904.2	1092.5	333.1	255.7	210.2	142.7	152.6	152.6	152.6	115.0
87.5°	117.0	123.0	150.7	140.8	93.2	79.3	51.6	43.6	37.7	49.5	35.7
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: P652126
 CATALOG NUMBER: GALN-SA9A-840-U-SLR

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7542.3	7542.3	7542.3	7542.3	7542.3	7542.3	7542.3	7542.3	7542.3	7542.3	7542.3
2.5°	6543.1	6503.5	6418.2	6398.3	6386.5	6420.1	6330.9	6354.7	6315.1	6426.1	6408.3
5°	5478.4	5482.3	5551.7	5597.3	5613.2	5597.3	5537.8	5434.7	5355.4	5323.7	5331.6
7.5°	4721.0	4790.3	4909.3	5042.1	5163.1	5198.7	5165.1	4968.8	4754.6	4619.8	4576.2
10°	4469.1	4562.3	4699.1	4804.2	4911.3	4996.5	5014.4	4861.7	4607.9	4288.7	4163.8
12.5°	4483.0	4609.9	4740.7	4774.4	4764.5	4798.2	4782.4	4756.6	4590.1	4183.6	3975.4
15°	4352.1	4502.8	4594.0	4576.2	4544.4	4514.7	4473.1	4407.7	4348.1	4062.6	3832.7
17.5°	4050.8	4205.4	4280.8	4286.7	4286.7	4278.8	4177.7	4153.9	4146.0	4007.1	3866.3
20°	4106.3	4191.5	4157.8	4102.3	4118.2	4171.7	4112.2	4100.3	4146.0	4207.4	4181.6
22.5°	4138.0	4108.3	3854.5	3608.6	3553.1	3719.7	3753.4	3886.2	4070.6	4292.6	4437.4
25°	3941.7	3701.8	3247.8	2970.2	2813.5	2968.1	3170.4	3416.3	3691.9	3977.4	4146.0
27.5°	3295.3	3112.9	2787.7	2537.9	2401.1	2424.9	2597.4	2821.5	3077.2	3269.6	3392.5
30°	2482.4	2401.1	2232.6	2147.3	2064.1	2044.2	2117.6	2202.8	2315.9	2339.7	2371.4
32.5°	1828.1	1816.2	1826.1	1798.4	1782.5	1780.5	1758.7	1778.5	1790.4	1804.3	1776.5
35°	1653.6	1637.8	1610.0	1602.0	1592.2	1596.1	1586.2	1576.3	1584.2	1596.1	1604.0
37.5°	1564.4	1540.6	1500.9	1487.1	1487.1	1493.0	1477.1	1473.2	1487.1	1524.7	1544.6
40°	1495.0	1467.2	1421.6	1403.8	1415.7	1431.6	1409.8	1401.8	1435.5	1475.2	1506.9
42.5°	1429.5	1407.7	1364.1	1344.3	1354.2	1383.9	1352.2	1346.3	1389.9	1433.6	1471.2
45°	1374.0	1352.2	1312.5	1302.6	1306.7	1334.4	1312.5	1312.5	1354.2	1401.8	1435.5
47.5°	1330.5	1302.6	1276.9	1269.0	1272.9	1288.7	1284.8	1284.8	1324.5	1374.0	1407.7
50°	1286.8	1263.0	1229.3	1233.2	1243.2	1265.0	1263.0	1269.0	1308.6	1370.1	1405.7
52.5°	1267.0	1231.3	1193.6	1197.6	1227.4	1253.1	1245.2	1251.2	1296.7	1411.7	1463.3
55°	1245.2	1197.6	1153.9	1159.9	1193.6	1231.3	1221.4	1229.3	1282.9	1439.5	1510.9
57.5°	1203.6	1148.0	1100.4	1104.4	1153.9	1193.6	1177.7	1187.7	1251.2	1409.8	1485.0
58°	1185.6	1138.1	1092.5	1094.5	1142.1	1185.6	1167.8	1175.8	1241.2	1401.8	1473.2
60°	1110.4	1082.6	1042.9	1044.9	1090.5	1128.2	1118.3	1126.2	1189.7	1344.3	1397.8
62.5°	1007.3	991.4	981.4	981.4	1009.2	1044.9	1054.8	1064.7	1122.2	1215.4	1263.0
65°	896.2	896.2	898.2	898.2	916.0	961.6	967.6	993.4	1046.9	1092.5	1128.2
67.5°	820.8	816.9	820.8	811.0	818.9	846.6	876.4	900.2	955.7	987.4	999.3
70°	723.7	721.7	723.7	709.8	719.7	743.5	763.4	803.0	860.5	884.3	890.3
72.5°	628.6	628.6	632.5	622.6	622.6	648.3	662.2	705.9	759.4	773.3	775.2
75°	529.4	535.4	535.4	521.5	525.5	541.3	559.1	594.8	644.4	654.3	654.3
77.5°	420.3	442.1	442.1	428.2	434.2	436.2	460.0	477.9	515.5	519.5	503.6
80°	305.4	327.1	345.0	333.1	343.0	331.1	345.0	356.9	394.6	376.7	350.9
82.5°	218.1	234.0	247.8	249.9	239.9	218.1	236.0	237.9	255.7	231.9	218.1
85°	120.9	134.8	152.6	144.7	128.8	115.0	120.9	124.9	123.0	117.0	109.1
87.5°	31.7	33.7	37.7	27.8	25.7	21.8	29.8	29.8	33.7	35.7	33.7
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: P652126

CATALOG NUMBER: GALN-SA9A-840-U-SLR

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	7542.3	7542.3	7542.3	7542.3	7542.3	7542.3	7542.3	7542.3	7542.3	7542.3	7542.3
2.5°	6422.1	6509.3	6697.7	6840.4	7014.9	7227.1	7476.9	7728.8	8000.3	8085.6	8204.6
5°	5313.8	5531.8	5623.1	5882.8	6140.6	6527.2	6939.6	7417.5	7940.9	8192.7	8434.6
7.5°	4540.5	4657.5	4752.7	4943.0	5252.3	5722.2	6239.7	6836.5	7578.1	7944.8	8299.7
10°	4124.1	4136.0	4253.0	4488.9	4758.6	5173.0	5662.7	6330.9	7157.8	7603.8	8020.2
12.5°	3848.5	3796.9	3923.9	4169.7	4475.0	4857.7	5307.8	5944.3	6854.4	7312.4	7816.0
15°	3606.6	3525.3	3620.5	3872.3	4173.7	4623.7	5107.6	5781.7	6735.4	7268.8	7827.9
17.5°	3612.6	3388.6	3422.2	3634.4	3933.8	4391.8	4978.7	5775.7	6915.8	7530.5	8192.7
20°	4058.7	3699.8	3547.2	3586.8	3876.3	4375.9	5038.2	6053.3	7508.7	8404.9	9112.7
22.5°	4496.9	4280.8	4034.9	3953.6	4112.2	4635.7	5416.9	6709.6	8797.4	10147.7	11426.6
25°	4344.2	4528.6	4467.1	4352.1	4387.8	4822.0	5674.6	7248.9	9798.7	11319.5	12521.1
27.5°	3475.8	3810.8	3878.3	3876.3	3890.1	4247.0	5103.6	6886.1	9923.6	11543.6	12691.5
30°	2442.8	2472.5	2508.2	2577.6	2641.0	2960.2	3993.2	6045.4	9868.1	11644.7	12794.6
32.5°	1762.7	1802.3	1851.9	1947.1	2097.7	2504.2	3493.6	5777.8	10161.6	12063.1	13096.1
35°	1611.9	1657.6	1705.1	1814.2	1957.0	2333.7	3295.3	5666.7	10643.4	12741.2	13637.3
37.5°	1564.4	1616.0	1657.6	1736.9	1851.9	2210.7	3114.9	5591.4	11137.1	13458.9	14363.0
40°	1530.7	1590.2	1623.9	1687.3	1766.6	2097.7	2954.3	5531.8	11615.0	14115.2	14945.9
42.5°	1500.9	1562.4	1606.1	1651.6	1717.1	1996.6	2811.5	5472.4	12029.3	14751.6	15526.9
45°	1465.3	1542.6	1598.1	1633.8	1691.3	1911.3	2702.5	5424.8	12501.2	15316.7	16113.8
47.5°	1435.5	1520.8	1590.2	1631.8	1653.6	1851.9	2615.3	5490.2	13068.3	15907.6	16659.0
50°	1437.5	1518.8	1606.1	1671.5	1614.0	1802.3	2561.7	5750.0	13805.9	16609.5	17089.3
52.5°	1500.9	1600.1	1669.5	1685.4	1558.5	1742.8	2533.9	6204.1	14678.3	17230.1	17523.5
55°	1572.3	1675.4	1750.8	1740.9	1528.7	1667.5	2528.0	6687.8	15633.9	17953.8	18088.6
57.5°	1546.5	1697.2	1812.3	1760.7	1530.7	1594.1	2502.2	7078.4	16433.1	18495.1	18647.7
58°	1538.6	1689.3	1820.2	1756.7	1524.7	1572.3	2496.3	7112.1	16544.1	18532.8	18727.1
60°	1461.3	1619.9	1814.2	1727.0	1491.0	1512.9	2430.8	7221.2	16514.3	18338.4	18774.7
62.5°	1320.5	1451.4	1677.4	1582.3	1387.9	1433.6	2284.2	7086.4	15709.3	17402.6	18078.7
65°	1161.9	1259.1	1409.8	1391.9	1241.2	1352.2	2083.8	6553.0	14097.3	15883.8	16595.6
67.5°	1042.9	1122.2	1217.4	1191.6	1116.3	1243.2	1867.8	5650.8	12289.1	14059.7	14955.8
70°	922.0	983.5	1031.1	1013.2	989.4	1136.1	1675.4	4586.1	10556.1	12326.7	13195.2
72.5°	799.0	856.6	896.2	870.4	856.6	1023.1	1518.8	3559.0	8337.4	10169.5	11285.8
75°	668.2	725.7	753.5	723.7	715.8	902.1	1286.8	2658.9	6255.6	7839.8	8803.4
77.5°	517.5	578.9	614.7	604.8	608.7	741.5	1039.0	1820.2	4473.1	5343.5	6358.6
80°	362.8	430.3	454.1	444.1	471.9	565.1	733.6	1156.0	3085.1	3467.9	4183.6
82.5°	224.0	287.5	291.5	301.4	321.2	418.4	553.2	703.9	1937.2	2002.6	2522.1
85°	113.0	136.8	146.8	162.6	180.4	255.7	315.3	436.2	1247.1	943.8	1409.8
87.5°	37.7	39.7	47.6	59.5	73.3	105.1	134.8	178.5	309.3	170.6	436.2
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: P652126
 CATALOG NUMBER: GALN-SA9A-840-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7542.3	7542.3	7542.3	7542.3	7542.3	7542.3	7542.3	7542.3	7542.3	7542.3
2.5°	8444.6	8613.0	8736.0	8849.0	8739.9	8730.0	8622.9	8450.5	8379.1	8379.1
5°	8942.2	9336.8	9655.9	9860.2	9772.9	9562.8	9215.8	8773.6	8535.7	8494.1
7.5°	9079.0	9858.2	10451.1	10661.3	10514.5	10050.5	9386.3	8640.9	8299.7	8224.5
10°	8995.8	10008.9	10879.3	11212.5	11008.2	10306.3	9400.2	8486.2	8065.8	7978.6
12.5°	8908.5	10028.8	10958.7	11440.5	11307.6	10512.5	9501.4	8385.0	7899.3	7774.4
15°	8972.0	10036.7	10861.5	11359.1	11444.4	10760.3	9667.9	8458.4	7865.5	7732.7
17.5°	9372.4	10187.4	10722.7	11125.2	11424.6	11097.4	10141.8	8809.4	8167.0	8002.4
20°	10209.2	10548.2	10802.0	11113.3	11595.1	11785.4	11111.3	9772.9	9013.6	8868.8
22.5°	12632.1	12570.6	12051.1	12045.2	12743.1	13506.5	13460.9	11731.9	10589.9	10470.9
25°	13540.2	13254.7	12503.2	12320.8	12628.1	13805.9	13635.4	12132.4	11077.7	10788.1
27.5°	13185.3	12477.4	11983.7	11942.1	11840.9	12953.3	13363.7	12295.0	11248.1	10966.6
30°	13163.5	12122.5	11416.7	11499.9	11597.1	12659.8	13514.4	12804.6	11684.3	11382.9
32.5°	13217.0	12172.1	11458.3	11474.2	11763.7	12703.5	13681.0	13359.8	12257.3	11956.0
35°	13433.1	12453.6	11724.0	11686.3	12138.4	12989.0	13964.5	14232.2	13040.5	12697.5
37.5°	13782.1	13014.7	12209.7	12199.9	12856.1	13504.5	14317.4	15112.5	13819.7	13451.0
40°	14295.7	13671.0	13074.3	13020.7	13831.7	14343.2	14775.4	16050.3	14725.9	14252.0
42.5°	14916.2	14458.2	14214.3	14426.5	15205.7	15285.0	15489.2	16916.8	15497.2	14945.9
45°	15491.2	15469.4	15808.4	16371.6	16825.6	16349.7	16234.7	17497.8	16096.0	15497.2
47.5°	16175.3	16766.1	17789.3	18614.0	19089.9	17588.9	16871.2	17876.5	16532.1	15980.9
50°	16869.2	18318.6	19952.4	21102.4	21203.5	18935.3	17309.4	18233.4	16928.7	16355.7
52.5°	17598.9	19557.8	21732.9	23069.3	22873.0	20107.0	17733.7	18475.3	17337.1	16833.5
55°	18233.4	20317.2	22728.3	24011.1	23723.6	20820.8	18191.8	18737.0	17920.1	17495.7
57.5°	18588.3	20380.7	22480.4	23600.6	23289.4	20682.0	18401.9	18931.2	18292.8	17959.7
58°	18639.8	20295.4	22260.3	23362.7	23045.5	20565.1	18399.9	18923.3	18316.6	17981.5
60°	18594.2	19742.2	21441.5	22422.9	22089.8	19831.5	18324.5	18774.7	18015.2	17731.7
62.5°	18171.9	18782.6	20027.7	20741.5	20646.4	18685.4	18015.2	18213.5	17097.3	16823.6
65°	17616.7	17474.0	18217.5	18723.1	18794.5	17826.9	17707.9	17000.1	15919.5	15532.8
67.5°	16942.6	15990.9	15988.8	16276.4	16395.4	16506.4	17067.5	15681.5	14222.2	13813.8
70°	15798.5	13704.8	13074.3	13413.3	13314.1	14252.0	15923.4	13829.7	12176.1	11698.2
72.5°	13700.8	10875.4	9866.2	10302.3	10052.6	11176.7	13932.8	11381.0	10068.4	9481.5
75°	11105.4	8135.2	7094.3	7494.8	7340.2	8478.2	11593.1	8266.1	7221.2	6997.1
77.5°	8622.9	5894.7	5290.0	5234.5	5349.4	6309.1	8504.0	5581.5	4760.6	4607.9
80°	5539.8	4219.3	4255.0	4183.6	4243.1	3977.4	5163.1	3561.0	3224.0	3101.0
82.5°	3646.2	2940.4	3505.5	3235.8	3073.3	2674.7	3386.5	2331.7	1978.8	1911.3
85°	2484.4	2165.2	1970.9	1506.9	1774.6	2060.1	2539.9	1255.1	995.3	902.1
87.5°	1122.2	753.5	553.2	341.0	539.3	622.6	1233.2	146.8	113.0	117.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)