

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: P456701

Luminaire Tested: **GALN-SA8A-727-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P456701
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-SA8A-727-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 70 CRI, 2700K, 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: 26621 lumens
Efficiency: N/A
Efficacy: 109.1 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): 244
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

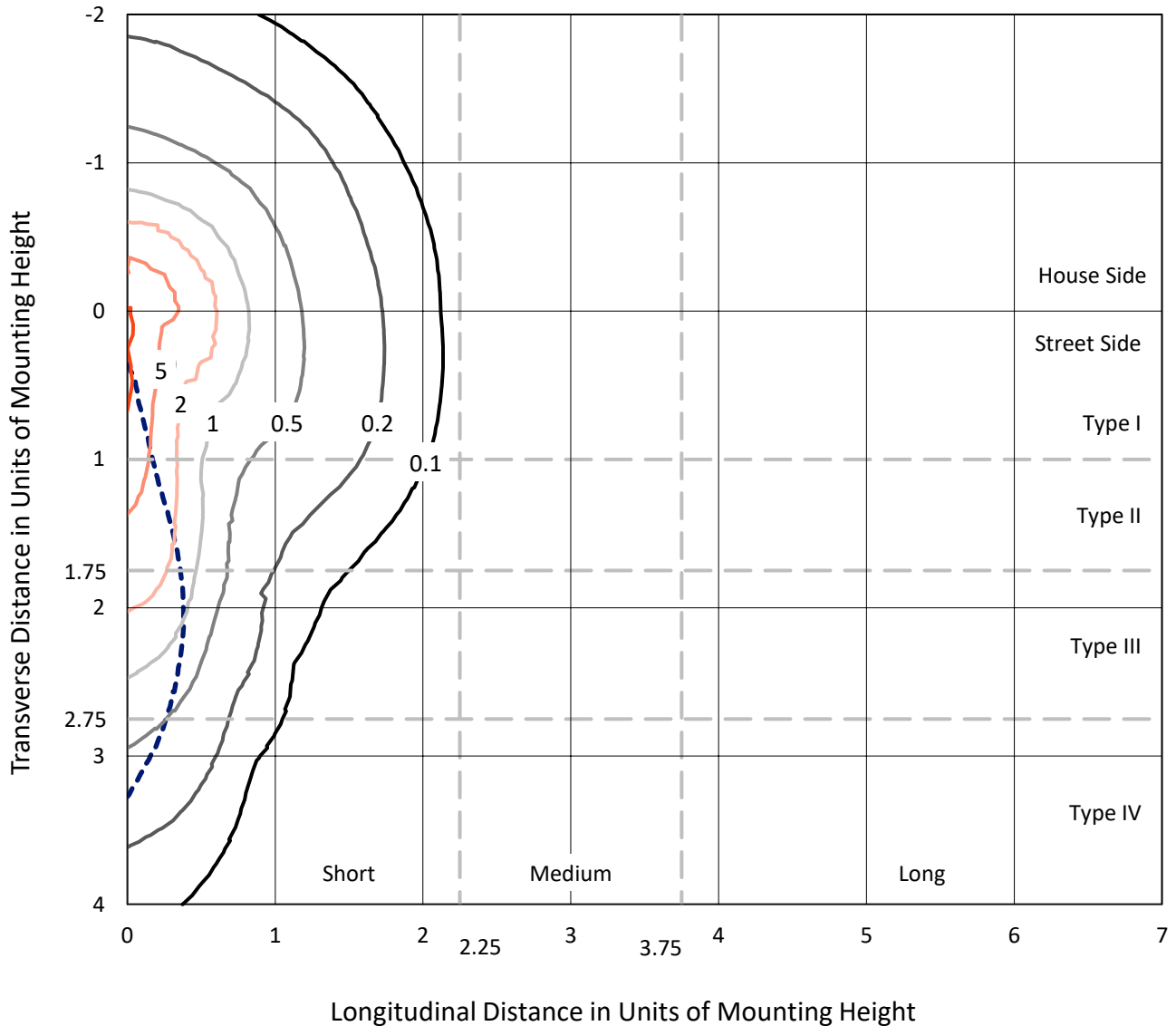




REPORT NUMBER: P456701
 CATALOG NUMBER: GALN-SA8A-727-U-SLR

Iso-Footcandle Lines of Horizontal Illumination

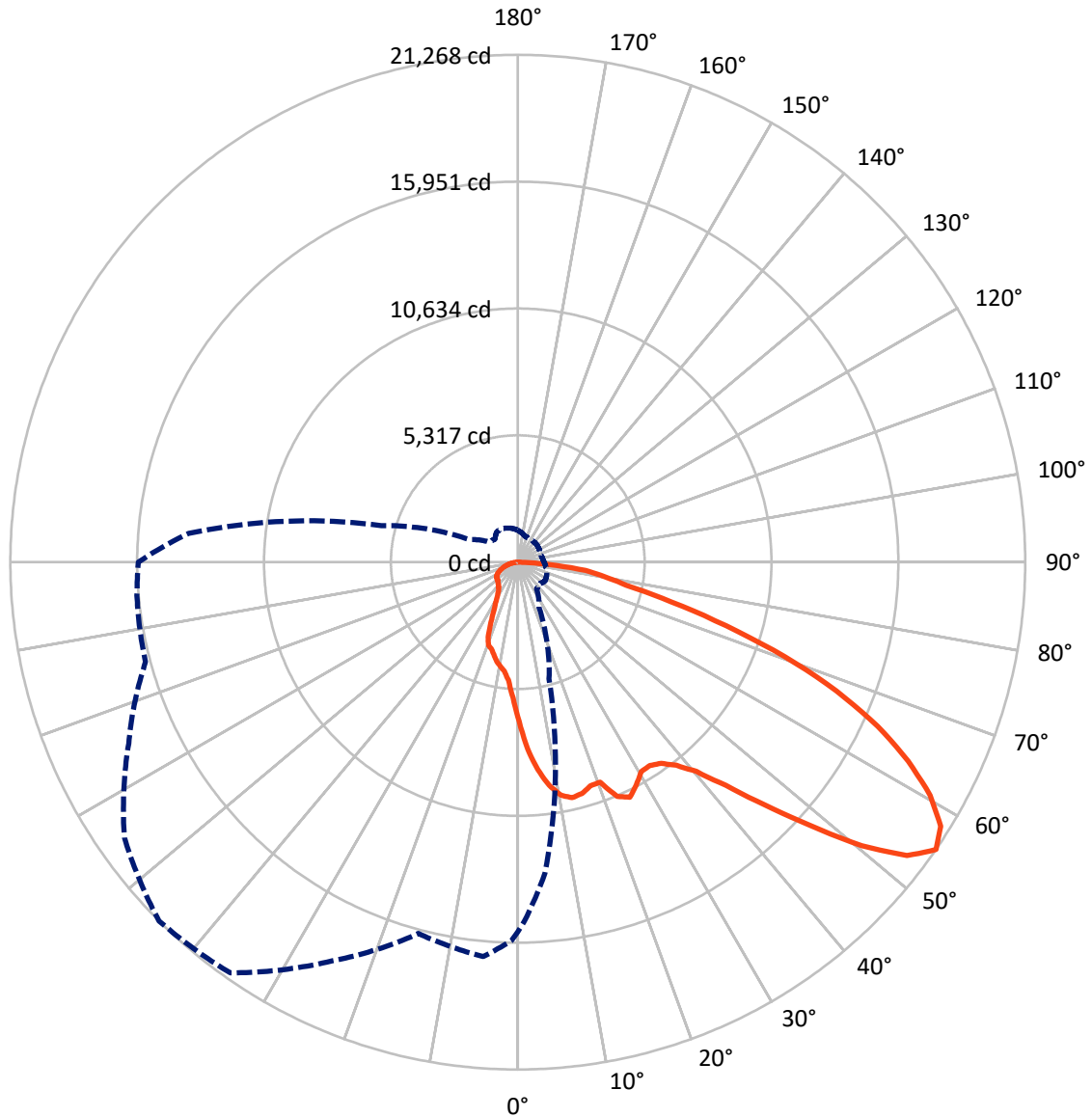
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.4 fc
 Type IV - Short - N/A

REPORT NUMBER: P456701
CATALOG NUMBER: GALN-SA8A-727-U-SLR

Luminous Intensity Polar Plot



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

REPORT NUMBER: P456701

CATALOG NUMBER: GALN-SA8A-727-U-SLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5823.2	0.0	5823.2
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	20797.8	0.0	20797.8
	% Fixture	78.1	0.0	78.1
Total	Lumens	26621.0	0.0	26621.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	566.2	2.1
10°-20°	1502.2	5.6
20°-30°	2595.1	9.7
30°-40°	3015.9	11.3
40°-50°	4207.8	15.8
50°-60°	5709.6	21.4
60°-70°	5432.0	20.4
70°-80°	2934.5	11.0
80°-90°	657.7	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°	26621.0	100.0
0°-180°	26621.0	100.0

Coefficient of Utilization



REPORT NUMBER: P456701

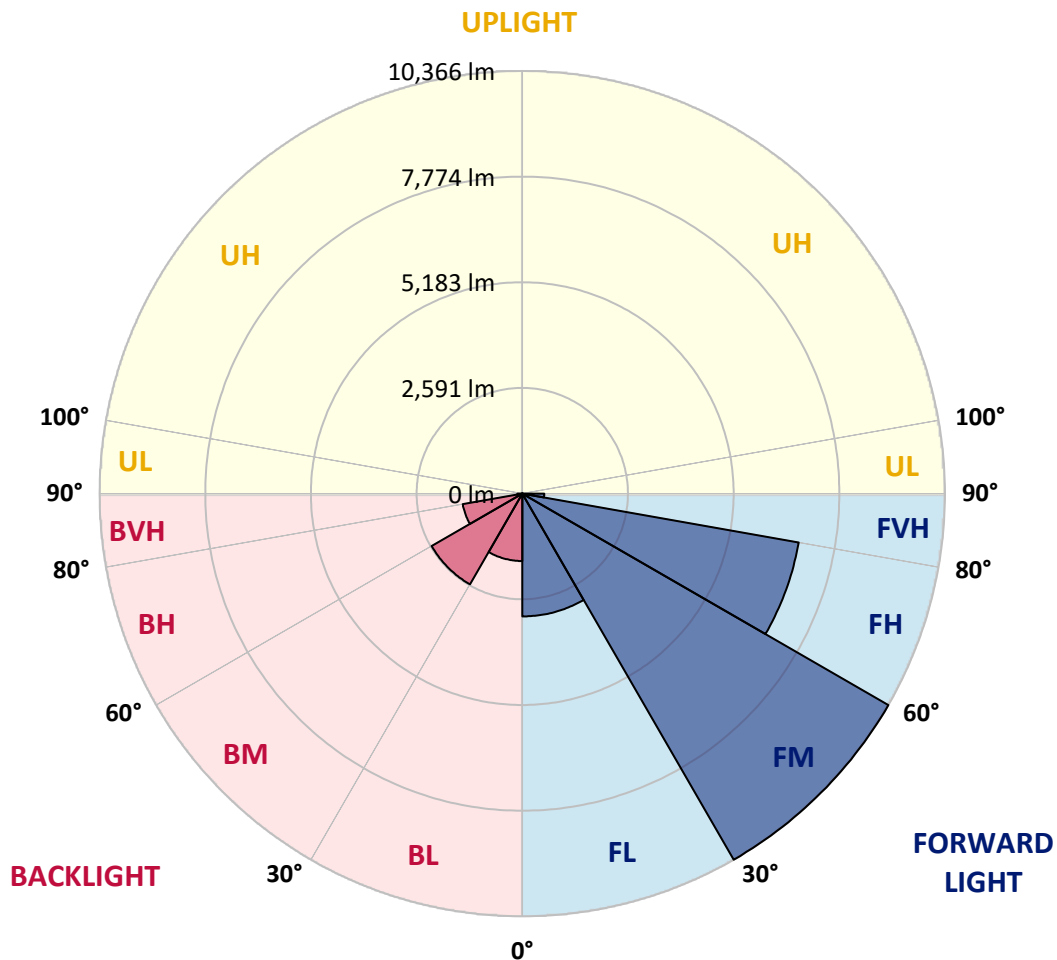
CATALOG NUMBER: GALN-SA8A-727-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3010.9	11.3			
FM	(30°-60°)	10365.7	38.9			
FH	(60°-80°)	6883.7	25.9			G3/7500
FVH	(80°-90°)	537.5	2.0			G4/750
BL	(0°-30°)	1652.6	6.2	B3/2500		
BM	(30°-60°)	2567.7	9.6	B3/5000		
BH	(60°-80°)	1482.7	5.6	B3/2500		G3/2500
BVH	(80°-90°)	120.2	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: P456701

CATALOG NUMBER: GALN-SA8A-727-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	6680.8	6680.8	6680.8	6680.8	6680.8	6680.8	6680.8	6680.8	6680.8	6680.8	6680.8
2.5°	7422.0	7393.9	7314.8	7107.6	6898.6	6686.1	6522.8	6319.0	6106.5	5992.4	5846.6
5°	7523.8	7492.2	7306.1	6838.9	6415.6	5971.3	5616.5	5305.7	5179.2	4993.1	4843.8
7.5°	7285.0	7270.9	6991.7	6320.8	5741.2	5159.9	4757.7	4508.3	4281.8	4197.5	4215.0
10°	7067.2	7011.0	6661.5	5785.1	5109.0	4636.5	4348.5	4104.4	3944.6	3902.4	3911.2
12.5°	6886.3	6810.8	6398.1	5425.1	4833.2	4455.6	4088.6	3833.9	3688.2	3728.6	3865.5
15°	6849.4	6747.6	6287.4	5302.2	4682.2	4195.7	3793.5	3500.2	3391.3	3479.2	3698.7
17.5°	7088.3	6960.1	6477.1	5342.6	4538.2	3930.5	3437.0	3101.6	3010.2	3150.7	3437.0
20°	7855.8	7666.1	7069.0	5576.1	4524.1	3798.8	3229.8	2892.6	2931.2	3198.2	3496.7
22.5°	9274.8	8990.3	8105.2	5916.9	4597.9	3765.4	3187.6	3012.0	3224.5	3451.1	3647.8
25°	9555.8	9332.8	8291.3	5994.1	4582.1	3742.6	3307.0	3394.9	3632.0	3744.4	3675.9
27.5°	9713.9	9459.2	8279.0	5611.3	4097.4	3394.9	3161.3	3307.0	3366.8	3257.9	3071.7
30°	10082.7	9817.5	8488.0	5209.1	3373.8	2518.5	2207.6	2147.9	2188.3	2209.4	2142.6
32.5°	10590.3	10328.6	8881.4	4945.6	2917.2	2082.9	1777.3	1693.0	1673.7	1650.9	1624.5
35°	11247.1	10844.9	9267.8	4777.0	2729.2	1926.6	1645.6	1580.6	1554.3	1522.7	1494.6
37.5°	11914.5	11493.0	9756.1	4599.7	2604.5	1817.7	1557.8	1528.0	1482.3	1448.9	1408.5
40°	12624.0	12151.6	10200.4	4445.1	2483.4	1747.5	1494.6	1491.1	1431.4	1392.7	1345.3
42.5°	13238.7	12752.2	10597.3	4350.3	2390.3	1673.7	1455.9	1466.5	1405.0	1347.1	1285.6
45°	13727.0	13249.3	10964.4	4350.3	2314.8	1600.0	1448.9	1441.9	1380.4	1308.4	1238.2
47.5°	14155.5	13662.0	11322.6	4460.9	2267.3	1538.5	1410.3	1422.6	1359.3	1268.0	1199.5
50°	14487.4	14051.9	11805.6	4633.0	2219.9	1489.3	1361.1	1427.8	1341.8	1246.9	1167.9
52.5°	14910.7	14520.8	12386.9	4868.4	2179.5	1434.9	1317.2	1427.8	1340.0	1248.7	1162.6
55°	15497.3	15086.3	13087.7	5063.3	2114.5	1383.9	1278.6	1387.4	1334.8	1239.9	1148.6
57.5°	15908.2	15600.9	13583.0	5193.3	2021.5	1319.0	1243.4	1348.8	1311.9	1206.6	1106.4
58°	15927.6	15627.2	13655.0	5223.1	1998.6	1306.7	1234.7	1331.2	1301.4	1192.5	1092.4
60°	15706.3	15448.1	13669.0	5181.0	1868.7	1245.2	1189.0	1259.2	1245.2	1110.0	1016.9
62.5°	14901.9	14626.2	13101.7	4838.5	1696.6	1169.7	1118.7	1162.6	1131.0	994.0	908.0
65°	13758.6	13251.0	11935.6	4301.1	1573.6	1088.9	1023.9	1027.4	994.0	895.7	820.2
67.5°	12235.9	11668.6	10105.5	3624.9	1480.5	999.3	911.5	902.7	862.3	799.1	737.6
70°	10362.0	9973.8	8212.3	2948.8	1376.9	901.0	785.1	779.8	755.2	707.8	653.3
72.5°	8398.5	7904.9	6631.7	2360.4	1250.5	806.1	667.4	677.9	646.3	612.9	563.8
75°	6197.9	5874.7	5126.5	1893.3	1080.1	702.5	556.7	560.2	546.2	511.1	472.4
77.5°	4081.6	3985.0	3667.1	1243.4	830.7	558.5	454.9	458.4	447.8	416.2	375.8
80°	2746.8	2681.8	2485.1	800.9	555.0	403.9	351.3	354.8	353.0	319.6	265.2
82.5°	1693.0	1664.9	1601.7	540.9	384.6	289.8	231.8	242.4	261.7	224.8	180.9
85°	799.1	800.9	967.7	295.1	226.6	186.2	126.5	135.2	135.2	135.2	101.9
87.5°	103.6	108.9	133.5	124.7	82.5	70.3	45.7	38.6	33.4	43.9	31.6
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: P456701
 CATALOG NUMBER: GALN-SA8A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6680.8	6680.8	6680.8	6680.8	6680.8	6680.8	6680.8	6680.8	6680.8	6680.8	6680.8
2.5°	5795.7	5760.5	5685.0	5667.5	5656.9	5686.8	5607.8	5628.8	5593.7	5692.1	5676.2
5°	4852.6	4856.1	4917.5	4957.9	4972.0	4957.9	4905.2	4813.9	4743.7	4715.6	4722.6
7.5°	4181.7	4243.1	4348.5	4466.2	4573.3	4604.9	4575.1	4401.2	4211.5	4092.1	4053.5
10°	3958.6	4041.2	4162.3	4255.4	4350.3	4425.8	4441.6	4306.4	4081.6	3798.8	3688.2
12.5°	3970.9	4083.3	4199.2	4229.1	4220.3	4250.2	4236.1	4213.3	4065.8	3705.7	3521.3
15°	3855.0	3988.5	4069.3	4053.5	4025.4	3999.0	3962.1	3904.2	3851.5	3598.6	3394.9
17.5°	3588.0	3725.0	3791.8	3797.0	3797.0	3790.0	3700.4	3679.4	3672.3	3549.4	3424.7
20°	3637.2	3712.7	3682.9	3633.7	3647.8	3695.2	3642.5	3632.0	3672.3	3726.8	3704.0
22.5°	3665.3	3639.0	3414.2	3196.4	3147.2	3294.8	3324.6	3442.3	3605.6	3802.3	3930.5
25°	3491.5	3278.9	2876.8	2630.9	2492.1	2629.1	2808.3	3026.0	3270.2	3523.1	3672.3
27.5°	2918.9	2757.3	2469.3	2248.0	2126.8	2147.9	2300.7	2499.2	2725.7	2896.1	3005.0
30°	2198.8	2126.8	1977.6	1902.0	1828.3	1810.7	1875.7	1951.2	2051.3	2072.4	2100.5
32.5°	1619.3	1608.7	1617.5	1592.9	1578.9	1577.1	1557.8	1575.4	1585.9	1598.2	1573.6
35°	1464.7	1450.7	1426.1	1419.1	1410.3	1413.8	1405.0	1396.2	1403.3	1413.8	1420.8
37.5°	1385.7	1364.6	1329.5	1317.2	1317.2	1322.5	1308.4	1304.9	1317.2	1350.6	1368.1
40°	1324.2	1299.6	1259.2	1243.4	1254.0	1268.0	1248.7	1241.7	1271.5	1306.7	1334.8
42.5°	1266.3	1246.9	1208.3	1190.7	1199.5	1225.9	1197.8	1192.5	1231.1	1269.8	1303.1
45°	1217.1	1197.8	1162.6	1153.9	1157.4	1182.0	1162.6	1162.6	1199.5	1241.7	1271.5
47.5°	1178.5	1153.9	1131.0	1124.0	1127.5	1141.6	1138.1	1138.1	1173.2	1217.1	1246.9
50°	1139.8	1118.7	1088.9	1092.4	1101.2	1120.5	1118.7	1124.0	1159.1	1213.6	1245.2
52.5°	1122.3	1090.6	1057.3	1060.8	1087.1	1110.0	1102.9	1108.2	1148.6	1250.5	1296.1
55°	1102.9	1060.8	1022.1	1027.4	1057.3	1090.6	1081.9	1088.9	1136.3	1275.0	1338.3
57.5°	1066.1	1016.9	974.7	978.2	1022.1	1057.3	1043.2	1052.0	1108.2	1248.7	1315.4
58°	1050.2	1008.1	967.7	969.5	1011.6	1050.2	1034.4	1041.5	1099.4	1241.7	1304.9
60°	983.5	958.9	923.8	925.6	965.9	999.3	990.5	997.6	1053.8	1190.7	1238.2
62.5°	892.2	878.1	869.4	869.4	893.9	925.6	934.3	943.1	994.0	1076.6	1118.7
65°	793.8	793.8	795.6	795.6	811.4	851.8	857.1	879.9	927.3	967.7	999.3
67.5°	727.1	723.6	727.1	718.3	725.3	749.9	776.3	797.3	846.5	874.6	885.2
70°	641.0	639.3	641.0	628.7	637.5	658.6	676.2	711.3	762.2	783.3	788.6
72.5°	556.7	556.7	560.2	551.5	551.5	574.3	586.6	625.2	672.6	684.9	686.7
75°	468.9	474.2	474.2	461.9	465.4	479.5	495.3	526.9	570.8	579.6	579.6
77.5°	372.3	391.6	391.6	379.4	384.6	386.4	407.5	423.3	456.6	460.1	446.1
80°	270.5	289.8	305.6	295.1	303.8	293.3	305.6	316.1	349.5	333.7	310.9
82.5°	193.2	207.2	219.5	221.3	212.5	193.2	209.0	210.8	226.6	205.5	193.2
85°	107.1	119.4	135.2	128.2	114.2	101.9	107.1	110.6	108.9	103.6	96.6
87.5°	28.1	29.9	33.4	24.6	22.8	19.3	26.3	26.3	29.9	31.6	29.9
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: P456701
 CATALOG NUMBER: GALN-SA8A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	6680.8	6680.8	6680.8	6680.8	6680.8	6680.8	6680.8	6680.8	6680.8	6680.8	6680.8
2.5°	5688.5	5765.8	5932.7	6059.1	6213.7	6401.6	6622.9	6845.9	7086.5	7162.0	7267.4
5°	4706.8	4900.0	4980.8	5210.8	5439.2	5781.6	6146.9	6570.2	7033.8	7256.9	7471.2
7.5°	4021.8	4125.5	4209.8	4378.4	4652.3	5068.6	5527.0	6055.6	6712.4	7037.4	7351.7
10°	3653.0	3663.6	3767.2	3976.2	4215.0	4582.1	5015.9	5607.8	6340.1	6735.3	7104.1
12.5°	3408.9	3363.2	3475.6	3693.4	3963.9	4302.8	4701.5	5265.3	6071.4	6477.1	6923.2
15°	3194.6	3122.6	3206.9	3430.0	3696.9	4095.6	4524.1	5121.3	5966.0	6438.5	6933.7
17.5°	3199.9	3001.5	3031.3	3219.2	3484.4	3890.1	4410.0	5116.0	6125.9	6670.3	7256.9
20°	3595.1	3277.2	3142.0	3177.1	3433.5	3876.1	4462.7	5361.9	6651.0	7444.8	8071.8
22.5°	3983.2	3791.8	3574.0	3502.0	3642.5	4106.1	4798.1	5943.2	7792.5	8988.6	10121.4
25°	3848.0	4011.3	3956.9	3855.0	3886.6	4271.2	5026.4	6420.9	8679.5	10026.5	11090.8
27.5°	3078.7	3375.5	3435.3	3433.5	3445.8	3761.9	4520.6	6099.5	8790.1	10225.0	11241.9
30°	2163.7	2190.1	2221.7	2283.1	2339.3	2622.1	3537.1	5354.9	8740.9	10314.5	11333.2
32.5°	1561.3	1596.4	1640.4	1724.7	1858.1	2218.2	3094.5	5117.8	9000.9	10685.1	11600.1
35°	1427.8	1468.2	1510.4	1607.0	1733.4	2067.1	2918.9	5019.4	9427.6	11285.8	12079.6
37.5°	1385.7	1431.4	1468.2	1538.5	1640.4	1958.2	2759.1	4952.7	9864.9	11921.5	12722.4
40°	1355.8	1408.5	1438.4	1494.6	1564.8	1858.1	2616.8	4900.0	10288.2	12502.8	13238.7
42.5°	1329.5	1383.9	1422.6	1463.0	1520.9	1768.6	2490.4	4847.3	10655.3	13066.6	13753.3
45°	1297.9	1366.4	1415.5	1447.2	1498.1	1693.0	2393.8	4805.1	11073.2	13567.1	14273.2
47.5°	1271.5	1347.1	1408.5	1445.4	1464.7	1640.4	2316.5	4863.1	11575.5	14090.5	14756.1
50°	1273.3	1345.3	1422.6	1480.5	1429.6	1596.4	2269.1	5093.2	12228.9	14712.2	15137.2
52.5°	1329.5	1417.3	1478.8	1492.8	1380.4	1543.8	2244.5	5495.4	13001.6	15261.9	15521.9
55°	1392.7	1484.0	1550.8	1542.0	1354.1	1477.0	2239.2	5923.9	13848.1	15903.0	16022.4
57.5°	1369.9	1503.4	1605.2	1559.6	1355.8	1412.0	2216.4	6269.9	14555.9	16382.4	16517.7
58°	1362.9	1496.3	1612.3	1556.1	1350.6	1392.7	2211.1	6299.7	14654.3	16415.8	16587.9
60°	1294.4	1434.9	1607.0	1529.7	1320.7	1340.0	2153.2	6396.3	14627.9	16243.7	16630.1
62.5°	1169.7	1285.6	1485.8	1401.5	1229.4	1269.8	2023.2	6276.9	13914.9	15414.7	16013.6
65°	1029.2	1115.2	1248.7	1232.9	1099.4	1197.8	1845.8	5804.5	12487.0	14069.4	14699.9
67.5°	923.8	994.0	1078.3	1055.5	988.8	1101.2	1654.4	5005.4	10885.3	12453.7	13247.5
70°	816.7	871.1	913.3	897.5	876.4	1006.3	1484.0	4062.2	9350.4	10918.7	11687.9
72.5°	707.8	758.7	793.8	771.0	758.7	906.2	1345.3	3152.5	7385.1	9007.9	9996.7
75°	591.9	642.8	667.4	641.0	634.0	799.1	1139.8	2355.2	5541.0	6944.3	7797.8
77.5°	458.4	512.8	544.4	535.7	539.2	656.8	920.3	1612.3	3962.1	4733.1	5632.3
80°	321.4	381.1	402.2	393.4	418.0	500.5	649.8	1023.9	2732.7	3071.7	3705.7
82.5°	198.5	254.7	258.2	267.0	284.5	370.6	490.0	623.5	1715.9	1773.8	2234.0
85°	100.1	121.2	130.0	144.0	159.8	226.6	279.2	386.4	1104.7	836.0	1248.7
87.5°	33.4	35.1	42.2	52.7	65.0	93.1	119.4	158.1	274.0	151.0	386.4
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: P456701

CATALOG NUMBER: GALN-SA8A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6680.8	6680.8	6680.8	6680.8	6680.8	6680.8	6680.8	6680.8	6680.8	6680.8
2.5°	7479.9	7629.2	7738.1	7838.2	7741.6	7732.8	7638.0	7485.2	7422.0	7422.0
5°	7920.8	8270.3	8553.0	8733.9	8656.6	8470.5	8163.1	7771.5	7560.7	7523.8
7.5°	8041.9	8732.1	9257.3	9443.4	9313.5	8902.5	8314.2	7653.8	7351.7	7285.0
10°	7968.2	8865.6	9636.6	9931.7	9750.8	9129.1	8326.5	7516.8	7144.5	7067.2
12.5°	7890.9	8883.2	9706.9	10133.6	10016.0	9311.7	8416.0	7427.2	6997.0	6886.3
15°	7947.1	8890.2	9620.8	10061.6	10137.2	9531.2	8563.5	7492.2	6967.1	6849.4
17.5°	8301.9	9023.7	9497.9	9854.4	10119.6	9829.8	8983.3	7803.1	7234.1	7088.3
20°	9043.0	9343.3	9568.1	9843.9	10270.6	10439.2	9842.1	8656.6	7984.0	7855.8
22.5°	11189.2	11134.7	10674.6	10669.3	11287.5	11963.7	11923.3	10391.8	9380.2	9274.8
25°	11993.5	11740.6	11075.0	10913.4	11185.7	12228.9	12077.8	10746.6	9812.3	9555.8
27.5°	11679.2	11052.2	10614.9	10578.0	10488.4	11473.7	11837.2	10890.6	9963.3	9713.9
30°	11659.8	10737.8	10112.6	10186.3	10272.4	11213.8	11970.7	11342.0	10349.7	10082.7
32.5°	11707.3	10781.7	10149.5	10163.5	10419.9	11252.4	12118.2	11833.7	10857.2	10590.3
35°	11898.7	11031.1	10384.8	10351.4	10751.9	11505.3	12369.4	12606.5	11551.0	11247.1
37.5°	12207.8	11528.1	10815.1	10806.3	11387.6	11961.9	12682.0	13386.2	12241.2	11914.5
40°	12662.7	12109.4	11580.8	11533.4	12251.7	12704.8	13087.7	14217.0	13043.8	12624.0
42.5°	13212.4	12806.7	12590.7	12778.6	13468.8	13539.0	13719.9	14984.5	13727.0	13238.7
45°	13721.7	13702.4	14002.7	14501.5	14903.7	14482.2	14380.3	15499.0	14257.4	13727.0
47.5°	14327.6	14851.0	15757.2	16487.8	16909.3	15579.8	14944.1	15834.5	14643.7	14155.5
50°	14942.3	16226.1	17673.3	18691.9	18781.5	16772.3	15332.2	16150.6	14995.0	14487.4
52.5°	15588.6	17323.8	19250.4	20434.1	20260.3	17810.3	15708.0	16364.9	15356.8	14910.7
55°	16150.6	17996.4	20132.1	21268.4	21013.7	18442.5	16113.7	16596.7	15873.1	15497.3
57.5°	16465.0	18052.6	19912.5	20904.8	20629.1	18319.6	16299.9	16768.8	16203.3	15908.2
58°	16510.6	17977.1	19717.6	20694.1	20413.1	18216.0	16298.1	16761.8	16224.4	15927.6
60°	16470.3	17487.1	18992.2	19861.6	19566.5	17566.2	16231.4	16630.1	15957.4	15706.3
62.5°	16096.2	16637.1	17740.0	18372.3	18288.0	16551.0	15957.4	16133.0	15144.3	14901.9
65°	15604.4	15478.0	16136.6	16584.4	16647.6	15790.6	15685.2	15058.2	14101.0	13758.6
67.5°	15007.3	14164.3	14162.5	14417.2	14522.6	14620.9	15117.9	13890.3	12597.7	12235.9
70°	13993.9	12139.3	11580.8	11881.1	11793.3	12624.0	14104.6	12249.9	10785.2	10362.0
72.5°	12135.8	9633.1	8739.2	9125.6	8904.3	9900.1	12341.3	10081.0	8918.3	8398.5
75°	9836.8	7206.0	6283.9	6638.7	6501.7	7509.8	10268.9	7321.9	6396.3	6197.9
77.5°	7638.0	5221.4	4685.7	4636.5	4738.4	5588.4	7532.6	4943.9	4216.8	4081.6
80°	4907.0	3737.3	3768.9	3705.7	3758.4	3523.1	4573.3	3154.3	2855.7	2746.8
82.5°	3229.8	2604.5	3105.1	2866.2	2722.2	2369.2	2999.7	2065.4	1752.8	1693.0
85°	2200.6	1917.8	1745.7	1334.8	1571.9	1824.8	2249.8	1111.7	881.6	799.1
87.5°	994.0	667.4	490.0	302.1	477.7	551.5	1092.4	130.0	100.1	103.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)