

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: P648001

Luminaire Tested: **GALN-SA6A-835-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P648001
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-SA6A-835-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 80 CRI, 3500K, 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: 18302.6 lumens
Efficiency: N/A
Efficacy: 100.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G3

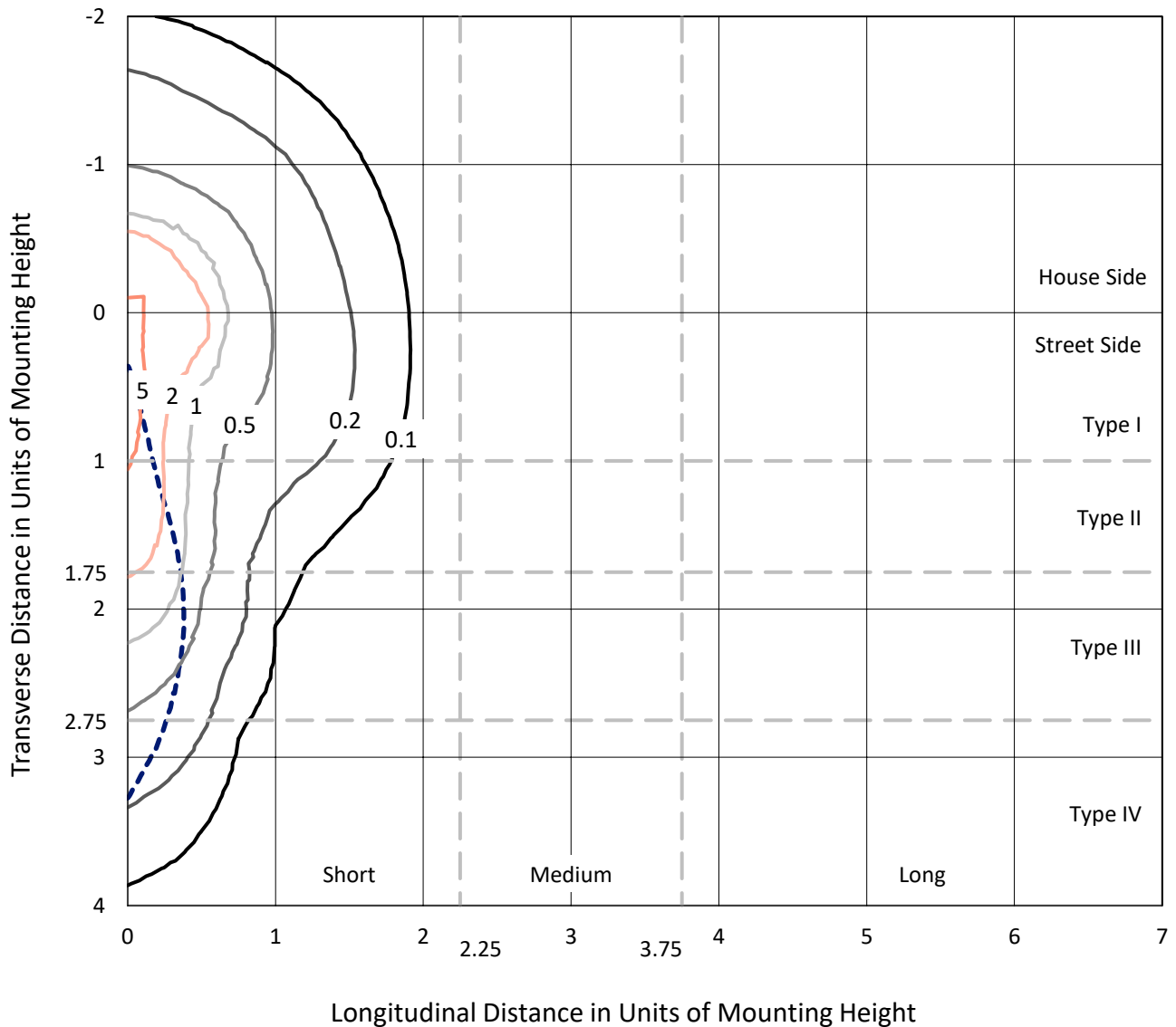
Input Watts (W): 182
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P648001
 CATALOG NUMBER: GALN-SA6A-835-U-SLR

Iso-Footcandle Lines of Horizontal Illumination

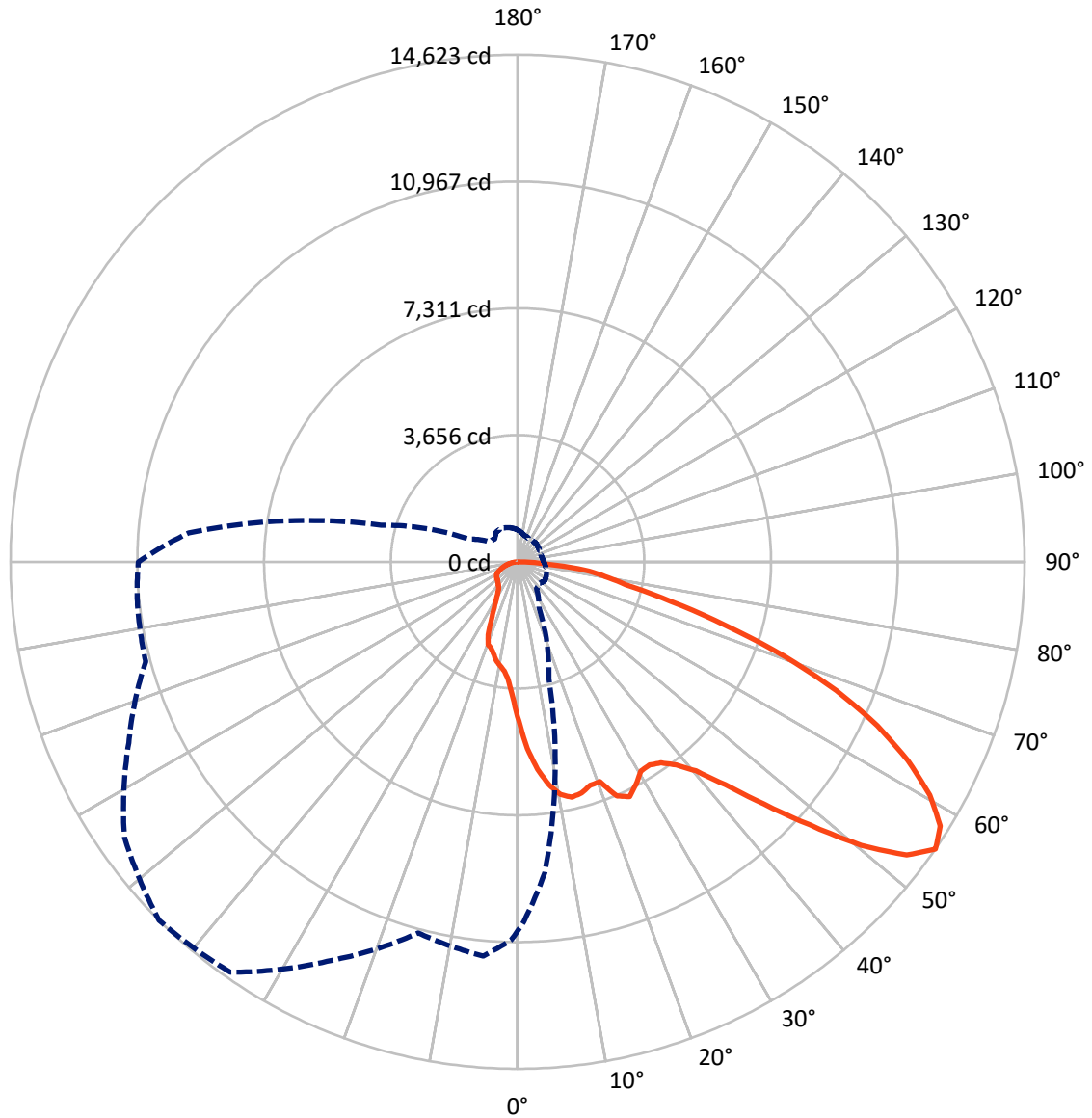
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.9 fc
 Type IV - Short - N/A

REPORT NUMBER: P648001
CATALOG NUMBER: GALN-SA6A-835-U-SLR

Luminous Intensity Polar Plot



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

REPORT NUMBER: P648001
 CATALOG NUMBER: GALN-SA6A-835-U-SLR

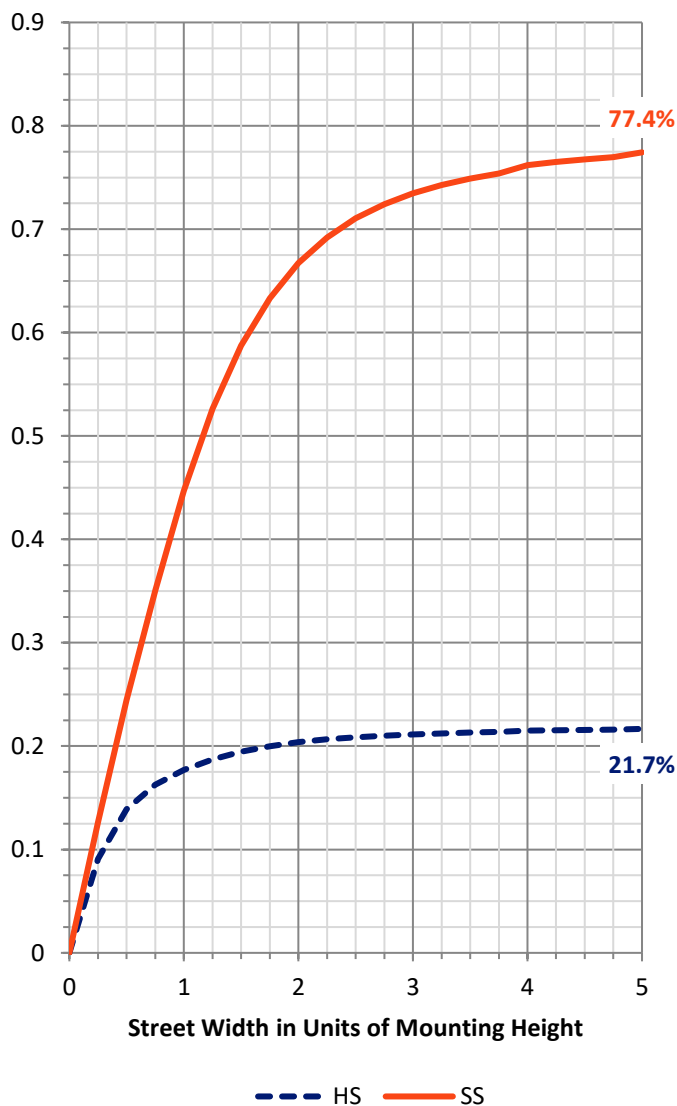
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4003.6	0.0	4003.6
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	14299.0	0.0	14299.0
	% Fixture	78.1	0.0	78.1
Total	Lumens	18302.6	0.0	18302.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	389.3	2.1
10°-20°	1032.8	5.6
20°-30°	1784.2	9.7
30°-40°	2073.5	11.3
40°-50°	2893.0	15.8
50°-60°	3925.5	21.4
60°-70°	3734.6	20.4
70°-80°	2017.5	11.0
80°-90°	452.2	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°	18302.6	100.0
0°-180°	18302.6	100.0

Coefficient of Utilization



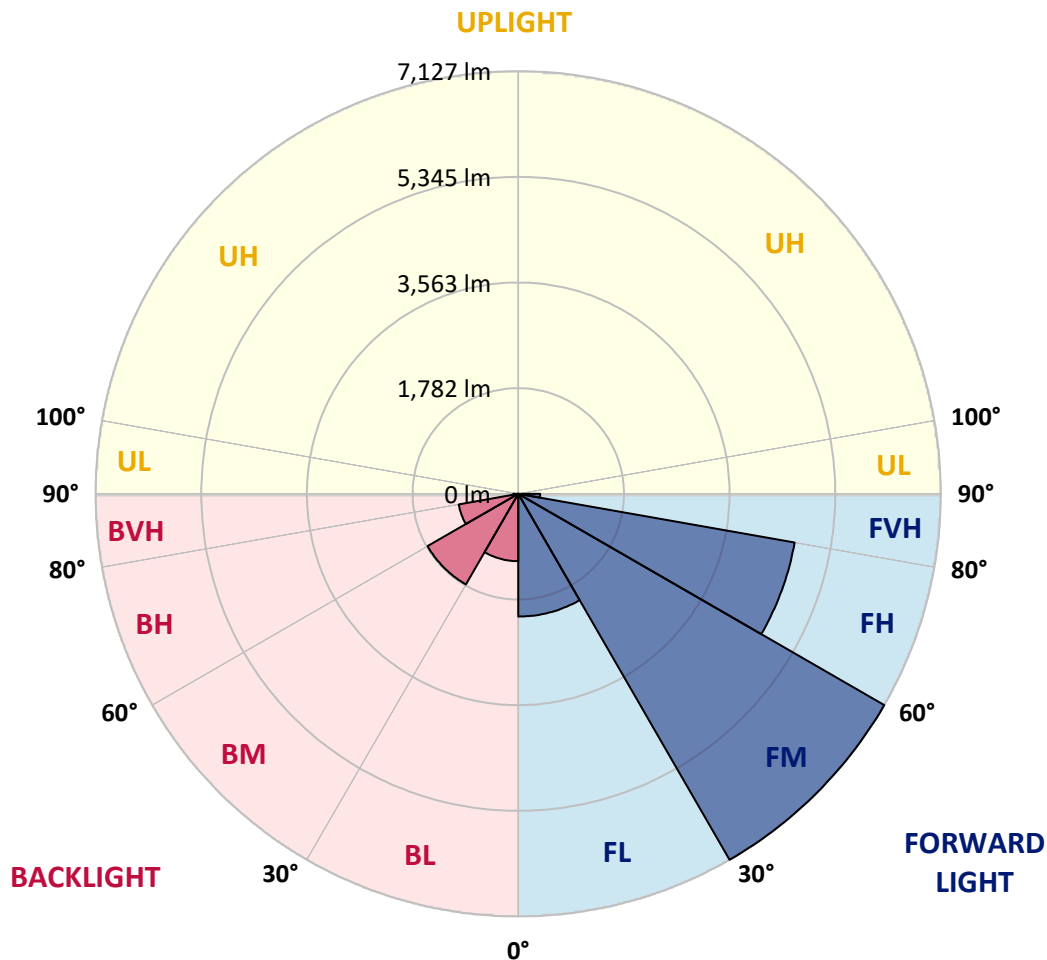
REPORT NUMBER: P648001
 CATALOG NUMBER: GALN-SA6A-835-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2070.1	11.3			
FM (30°-60°)	7126.7	38.9			
FH (60°-80°)	4732.7	25.9			G2/5000
FVH (80°-90°)	369.5	2.0			G3/500
BL (0°-30°)	1136.2	6.2	B3/2500		
BM (30°-60°)	1765.3	9.6	B2/2500		
BH (60°-80°)	1019.4	5.6	B3/2500		G3/2500
BVH (80°-90°)	82.6	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type IV Short





REPORT NUMBER: P648001
 CATALOG NUMBER: GALN-SA6A-835-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	4593.2	4593.2	4593.2	4593.2	4593.2	4593.2	4593.2	4593.2	4593.2	4593.2	4593.2
2.5°	5102.8	5083.5	5029.1	4886.6	4742.9	4596.8	4484.6	4344.5	4198.4	4119.9	4019.7
5°	5172.8	5151.1	5023.1	4701.9	4411.0	4105.4	3861.5	3647.8	3560.8	3432.8	3330.3
7.5°	5008.6	4999.0	4807.0	4345.7	3947.3	3547.5	3271.1	3099.6	2943.8	2885.9	2898.0
10°	4858.9	4820.2	4579.9	3977.4	3512.5	3187.7	2989.7	2821.9	2712.0	2683.0	2689.1
12.5°	4734.5	4682.6	4398.8	3729.9	3323.0	3063.4	2811.0	2635.9	2535.7	2563.5	2657.7
15°	4709.2	4639.1	4322.8	3645.4	3219.1	2884.7	2608.2	2406.5	2331.6	2392.0	2542.9
17.5°	4873.4	4785.2	4453.2	3673.1	3120.1	2702.4	2363.0	2132.4	2069.6	2166.2	2363.0
20°	5401.1	5270.6	4860.1	3833.7	3110.5	2611.8	2220.6	1988.7	2015.3	2198.8	2404.1
22.5°	6376.7	6181.1	5572.5	4068.0	3161.2	2588.8	2191.5	2070.8	2216.9	2372.7	2507.9
25°	6569.9	6416.5	5700.5	4121.1	3150.3	2573.2	2273.7	2334.0	2497.1	2574.3	2527.3
27.5°	6678.5	6503.4	5692.0	3857.9	2817.1	2334.0	2173.5	2273.7	2314.7	2239.8	2111.9
30°	6932.1	6749.8	5835.7	3581.4	2319.6	1731.5	1517.8	1476.7	1504.5	1519.0	1473.1
32.5°	7281.1	7101.2	6106.2	3400.3	2005.7	1432.1	1221.9	1164.0	1150.7	1135.0	1116.9
35°	7732.7	7456.2	6371.8	3284.4	1876.4	1324.6	1131.4	1086.7	1068.6	1046.9	1027.5
37.5°	8191.5	7901.7	6707.6	3162.4	1790.7	1249.7	1071.1	1050.5	1019.1	996.1	968.4
40°	8679.3	8354.5	7013.0	3056.1	1707.4	1201.4	1027.5	1025.2	984.1	957.5	925.0
42.5°	9102.0	8767.5	7285.9	2990.9	1643.4	1150.7	1001.0	1008.3	966.0	926.1	883.9
45°	9437.7	9109.2	7538.3	2990.9	1591.4	1100.0	996.1	991.4	949.1	899.6	851.3
47.5°	9732.3	9392.9	7784.6	3067.0	1558.9	1057.8	969.6	978.0	934.6	871.8	824.7
50°	9960.5	9661.0	8116.7	3185.3	1526.2	1023.9	935.8	981.6	922.5	857.3	803.0
52.5°	10251.5	9983.4	8516.3	3347.1	1498.5	986.5	905.6	981.6	921.3	858.5	799.4
55°	10654.8	10372.2	8998.2	3481.1	1453.8	951.5	879.1	953.9	917.7	852.5	789.7
57.5°	10937.3	10726.0	9338.6	3570.5	1389.8	906.8	854.9	927.3	902.0	829.5	760.7
58°	10950.6	10744.2	9388.2	3591.1	1374.1	898.3	848.9	915.2	894.7	819.9	751.1
60°	10798.4	10621.0	9397.8	3562.0	1284.7	856.1	817.5	865.8	856.1	763.1	699.1
62.5°	10245.5	10055.8	9007.8	3326.6	1166.4	804.1	769.1	799.4	777.6	683.4	624.3
65°	9459.3	9110.4	8206.0	2957.1	1081.9	748.6	704.0	706.3	683.4	615.8	563.9
67.5°	8412.5	8022.5	6947.8	2492.2	1017.9	687.1	626.7	620.6	592.9	549.4	507.1
70°	7124.1	6857.3	5646.1	2027.3	946.6	619.4	539.7	536.1	519.2	486.6	449.2
72.5°	5774.2	5434.9	4559.4	1622.8	859.7	554.2	458.8	466.1	444.4	421.4	387.6
75°	4261.2	4039.0	3524.6	1301.7	742.6	483.0	382.8	385.2	375.5	351.4	324.8
77.5°	2806.2	2739.8	2521.2	854.9	571.1	384.0	312.7	315.2	307.9	286.2	258.4
80°	1888.5	1843.8	1708.6	550.6	381.6	277.7	241.5	243.9	242.7	219.8	182.4
82.5°	1164.0	1144.7	1101.2	371.9	264.4	199.2	159.4	166.6	179.9	154.6	124.3
85°	549.4	550.6	665.3	202.9	155.7	128.0	86.9	92.9	92.9	92.9	70.0
87.5°	71.3	74.9	91.8	85.7	56.8	48.3	31.4	26.5	22.9	30.2	21.8
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: P648001
 CATALOG NUMBER: GALN-SA6A-835-U-SLR

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4593.2	4593.2	4593.2	4593.2	4593.2	4593.2	4593.2	4593.2	4593.2	4593.2	4593.2
2.5°	3984.7	3960.5	3908.6	3896.5	3889.3	3909.8	3855.5	3870.0	3845.8	3913.4	3902.6
5°	3336.3	3338.7	3380.9	3408.7	3418.3	3408.7	3372.5	3309.7	3261.4	3242.1	3246.9
7.5°	2875.0	2917.3	2989.7	3070.6	3144.3	3166.0	3145.5	3025.9	2895.5	2813.4	2786.9
10°	2721.6	2778.4	2861.7	2925.7	2990.9	3042.8	3053.7	2960.8	2806.2	2611.8	2535.7
12.5°	2730.1	2807.4	2887.1	2907.6	2901.6	2922.1	2912.4	2896.7	2795.3	2547.8	2421.0
15°	2650.4	2742.1	2797.7	2786.9	2767.5	2749.4	2724.1	2684.2	2648.0	2474.1	2334.0
17.5°	2466.8	2561.0	2606.9	2610.6	2610.6	2605.7	2544.1	2529.6	2524.9	2440.3	2354.6
20°	2500.7	2552.6	2532.1	2498.2	2507.9	2540.5	2504.3	2497.1	2524.9	2562.3	2546.6
22.5°	2520.0	2501.9	2347.4	2197.6	2163.8	2265.2	2285.7	2366.6	2479.0	2614.2	2702.4
25°	2400.4	2254.3	1977.9	1808.8	1713.4	1807.6	1930.7	2080.5	2248.3	2422.2	2524.9
27.5°	2006.8	1895.7	1697.7	1545.6	1462.3	1476.7	1581.8	1718.2	1874.0	1991.2	2066.0
30°	1511.7	1462.3	1359.6	1307.7	1256.9	1244.9	1289.6	1341.5	1410.3	1424.8	1444.2
32.5°	1113.3	1106.1	1112.1	1095.2	1085.6	1084.3	1071.1	1083.1	1090.3	1098.8	1081.9
35°	1007.0	997.4	980.5	975.6	969.6	972.0	966.0	960.0	964.8	972.0	976.9
37.5°	952.7	938.2	914.1	905.6	905.6	909.2	899.6	897.2	905.6	928.6	940.6
40°	910.5	893.6	865.8	854.9	862.2	871.8	858.5	853.7	874.2	898.3	917.7
42.5°	870.6	857.3	830.8	818.7	824.7	842.8	823.5	819.9	846.4	873.0	896.0
45°	836.8	823.5	799.4	793.3	795.8	812.6	799.4	799.4	824.7	853.7	874.2
47.5°	810.2	793.3	777.6	772.8	775.2	784.9	782.5	782.5	806.6	836.8	857.3
50°	783.6	769.1	748.6	751.1	757.1	770.4	769.1	772.8	796.9	834.4	856.1
52.5°	771.6	749.9	726.9	729.3	747.5	763.1	758.3	761.9	789.7	859.7	891.1
55°	758.3	729.3	702.7	706.3	726.9	749.9	743.8	748.6	781.2	876.6	920.1
57.5°	733.0	699.1	670.2	672.6	702.7	726.9	717.2	723.3	761.9	858.5	904.4
58°	722.1	693.1	665.3	666.5	695.5	722.1	711.2	716.1	755.9	853.7	897.2
60°	676.2	659.3	635.2	636.3	664.1	687.1	681.1	685.8	724.5	818.7	851.3
62.5°	613.4	603.8	597.7	597.7	614.6	636.3	642.4	648.4	683.4	740.2	769.1
65°	545.8	545.8	547.0	547.0	557.9	585.6	589.3	604.9	637.5	665.3	687.1
67.5°	499.9	497.5	499.9	493.8	498.7	515.6	533.7	548.2	582.0	601.3	608.5
70°	440.8	439.5	440.8	432.3	438.3	452.8	464.9	489.1	524.1	538.5	542.1
72.5°	382.8	382.8	385.2	379.1	379.1	394.9	403.3	429.9	462.4	470.9	472.1
75°	322.4	326.0	326.0	317.6	320.0	329.6	340.5	362.2	392.4	398.5	398.5
77.5°	256.0	269.3	269.3	260.8	264.4	265.7	280.2	291.0	314.0	316.3	306.7
80°	186.0	199.2	210.1	202.9	208.9	201.6	210.1	217.4	240.3	229.4	213.8
82.5°	132.8	142.5	151.0	152.1	146.1	132.8	143.7	144.9	155.7	141.3	132.8
85°	73.7	82.1	92.9	88.2	78.5	70.0	73.7	76.1	74.9	71.3	66.4
87.5°	19.3	20.5	22.9	16.9	15.7	13.3	18.1	18.1	20.5	21.8	20.5
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: P648001

CATALOG NUMBER: GALN-SA6A-835-U-SLR

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	4593.2	4593.2	4593.2	4593.2	4593.2	4593.2	4593.2	4593.2	4593.2	4593.2	4593.2
2.5°	3911.0	3964.2	4078.9	4165.8	4272.0	4401.2	4553.4	4706.8	4872.1	4924.1	4996.6
5°	3236.1	3368.9	3424.4	3582.6	3739.5	3975.0	4226.2	4517.2	4836.0	4989.3	5136.6
7.5°	2765.1	2836.3	2894.4	3010.2	3198.6	3484.7	3799.9	4163.4	4615.0	4838.4	5054.5
10°	2511.6	2518.8	2590.0	2733.8	2898.0	3150.3	3448.6	3855.5	4359.0	4630.7	4884.3
12.5°	2343.7	2312.4	2389.6	2539.3	2725.3	2958.3	3232.4	3620.0	4174.3	4453.2	4759.9
15°	2196.4	2146.9	2204.8	2358.2	2541.8	2815.8	3110.5	3521.0	4101.8	4426.6	4767.1
17.5°	2200.0	2063.6	2084.1	2213.3	2395.7	2674.6	3032.0	3517.4	4211.7	4586.0	4989.3
20°	2471.7	2253.2	2160.1	2184.3	2360.6	2664.9	3068.2	3686.4	4572.7	5118.5	5549.6
22.5°	2738.5	2606.9	2457.2	2407.7	2504.3	2823.1	3298.9	4086.1	5357.6	6179.9	6958.7
25°	2645.6	2757.9	2720.5	2650.4	2672.1	2936.6	3455.8	4414.6	5967.3	6893.5	7625.2
27.5°	2116.7	2320.7	2361.8	2360.6	2369.0	2586.4	3108.0	4193.6	6043.4	7029.9	7729.1
30°	1487.6	1505.7	1527.5	1569.8	1608.4	1802.8	2431.8	3681.6	6009.6	7091.6	7791.9
32.5°	1073.4	1097.6	1127.8	1185.8	1277.5	1525.0	2127.6	3518.6	6188.3	7346.3	7975.4
35°	981.6	1009.4	1038.4	1104.8	1191.8	1421.2	2006.8	3451.0	6481.8	7759.2	8305.0
37.5°	952.7	984.1	1009.4	1057.8	1127.8	1346.4	1897.0	3405.1	6782.4	8196.4	8747.0
40°	932.2	968.4	988.9	1027.5	1075.8	1277.5	1799.2	3368.9	7073.4	8596.0	9102.0
42.5°	914.1	951.5	978.0	1005.8	1045.7	1215.9	1712.2	3332.6	7325.7	8983.6	9455.7
45°	892.3	939.4	973.2	995.0	1030.0	1164.0	1645.8	3303.6	7613.1	9327.8	9813.2
47.5°	874.2	926.1	968.4	993.8	1007.0	1127.8	1592.7	3343.5	7958.5	9687.6	10145.3
50°	875.4	925.0	978.0	1017.9	982.9	1097.6	1560.0	3501.7	8407.7	10115.0	10407.2
52.5°	914.1	974.4	1016.7	1026.4	949.1	1061.4	1543.1	3778.2	8939.0	10493.0	10671.7
55°	957.5	1020.3	1066.2	1060.2	931.0	1015.5	1539.5	4072.9	9521.0	10933.7	11015.8
57.5°	941.9	1033.6	1103.6	1072.2	932.2	970.8	1523.9	4310.7	10007.6	11263.4	11356.3
58°	937.0	1028.8	1108.5	1069.8	928.6	957.5	1520.2	4331.2	10075.2	11286.3	11404.6
60°	889.9	986.5	1104.8	1051.7	908.0	921.3	1480.3	4397.6	10057.1	11167.9	11433.6
62.5°	804.1	883.9	1021.5	963.6	845.2	873.0	1391.0	4315.5	9566.9	10598.1	11009.8
65°	707.6	766.7	858.5	847.7	755.9	823.5	1269.1	3990.7	8585.1	9673.1	10106.6
67.5°	635.2	683.4	741.4	725.7	679.8	757.1	1137.5	3441.3	7483.9	8562.2	9108.0
70°	561.5	598.9	627.9	617.0	602.5	691.9	1020.3	2792.9	6428.6	7506.9	8035.8
72.5°	486.6	521.6	545.8	530.1	521.6	623.0	925.0	2167.4	5077.4	6193.1	6872.9
75°	406.9	441.9	458.8	440.8	435.9	549.4	783.6	1619.2	3809.6	4774.3	5361.2
77.5°	315.2	352.6	374.4	368.2	370.7	451.6	632.7	1108.5	2724.1	3254.1	3872.4
80°	221.0	262.0	276.5	270.4	287.4	344.1	446.8	704.0	1878.8	2111.9	2547.8
82.5°	136.5	175.1	177.5	183.5	195.6	254.8	336.9	428.7	1179.7	1219.5	1535.9
85°	68.8	83.3	89.3	99.0	109.9	155.7	192.0	265.7	759.5	574.7	858.5
87.5°	22.9	24.1	29.0	36.3	44.7	64.0	82.1	108.7	188.4	103.8	265.7
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: P648001
 CATALOG NUMBER: GALN-SA6A-835-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4593.2	4593.2	4593.2	4593.2	4593.2	4593.2	4593.2	4593.2	4593.2	4593.2
2.5°	5142.7	5245.3	5320.2	5389.0	5322.6	5316.5	5251.3	5146.3	5102.8	5102.8
5°	5445.7	5686.0	5880.4	6004.7	5951.7	5823.6	5612.4	5343.1	5198.2	5172.8
7.5°	5529.1	6003.6	6364.6	6492.6	6403.2	6120.7	5716.2	5262.2	5054.5	5008.6
10°	5478.3	6095.3	6625.4	6828.3	6703.9	6276.4	5724.7	5168.0	4912.0	4858.9
12.5°	5425.2	6107.4	6673.7	6967.1	6886.3	6402.0	5786.2	5106.4	4810.6	4734.5
15°	5463.9	6112.3	6614.5	6917.6	6969.6	6553.0	5887.7	5151.1	4790.1	4709.2
17.5°	5707.8	6204.0	6530.1	6775.1	6957.5	6758.2	6176.2	5364.8	4973.6	4873.4
20°	6217.3	6423.8	6578.4	6767.9	7061.3	7177.2	6766.7	5951.7	5489.2	5401.1
22.5°	7692.8	7655.4	7339.1	7335.5	7760.5	8225.3	8197.5	7144.6	6449.1	6376.7
25°	8245.9	8072.0	7614.4	7503.3	7690.4	8407.7	8303.8	7388.5	6746.2	6569.9
27.5°	8029.7	7598.6	7298.0	7272.7	7211.0	7888.4	8138.4	7487.6	6850.0	6678.5
30°	8016.4	7382.5	6952.6	7003.4	7062.5	7709.7	8230.2	7797.9	7115.7	6932.1
32.5°	8049.0	7412.7	6978.0	6987.6	7164.0	7736.3	8331.6	8136.0	7464.7	7281.1
35°	8180.6	7584.1	7139.8	7116.8	7392.1	7910.2	8504.2	8667.3	7941.6	7732.7
37.5°	8393.2	7925.9	7435.7	7429.6	7829.3	8224.2	8719.2	9203.4	8416.2	8191.5
40°	8705.9	8325.6	7962.1	7929.5	8423.4	8734.9	8998.2	9774.5	8967.9	8679.3
42.5°	9083.8	8804.9	8656.4	8785.6	9260.1	9308.5	9432.8	10302.2	9437.7	9102.0
45°	9434.1	9420.7	9627.2	9970.2	10246.7	9956.9	9886.9	10656.0	9802.3	9437.7
47.5°	9850.6	10210.4	10833.5	11335.8	11625.6	10711.5	10274.4	10886.6	10068.0	9732.3
50°	10273.2	11155.9	12150.8	12851.1	12912.8	11531.4	10541.3	11104.0	10309.4	9960.5
52.5°	10717.5	11910.5	13235.1	14049.0	13929.5	12245.0	10799.7	11251.2	10558.2	10251.5
55°	11104.0	12373.0	13841.3	14622.5	14447.4	12679.7	11078.6	11410.7	10913.2	10654.8
57.5°	11320.1	12411.6	13690.4	14372.6	14183.0	12595.2	11206.6	11529.0	11140.2	10937.3
58°	11351.5	12359.7	13556.3	14227.7	14034.5	12523.9	11205.4	11524.2	11154.7	10950.6
60°	11323.7	12022.9	13057.6	13655.4	13452.5	12077.2	11159.5	11433.6	10971.2	10798.4
62.5°	11066.5	11438.5	12196.7	12631.4	12573.5	11379.3	10971.2	11091.9	10412.1	10245.5
65°	10728.4	10641.5	11094.3	11402.2	11445.7	10856.5	10783.9	10352.9	9694.9	9459.3
67.5°	10317.9	9738.3	9737.1	9912.2	9984.7	10052.2	10393.9	9549.9	8661.2	8412.5
70°	9621.2	8346.1	7962.1	8168.6	8108.2	8679.3	9697.2	8422.2	7415.1	7124.1
72.5°	8343.6	6623.0	6008.4	6274.0	6121.9	6806.5	8485.0	6930.9	6131.6	5774.2
75°	6763.1	4954.3	4320.4	4564.3	4470.1	5163.2	7060.2	5034.0	4397.6	4261.2
77.5°	5251.3	3589.8	3221.6	3187.7	3257.7	3842.2	5178.8	3399.1	2899.1	2806.2
80°	3373.7	2569.5	2591.3	2547.8	2584.0	2422.2	3144.3	2168.6	1963.4	1888.5
82.5°	2220.6	1790.7	2134.8	1970.6	1871.6	1628.9	2062.3	1420.0	1205.0	1164.0
85°	1513.0	1318.6	1200.3	917.7	1080.7	1254.6	1546.8	764.4	606.1	549.4
87.5°	683.4	458.8	336.9	207.7	328.5	379.1	751.1	89.3	68.8	71.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)