

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: P945029

Luminaire Tested: **GALN-SB1A-835-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P945029
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SB1A-835-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 80 CRI, 3500K, 350mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4147 lumens
Efficiency: N/A
Efficacy: 134.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

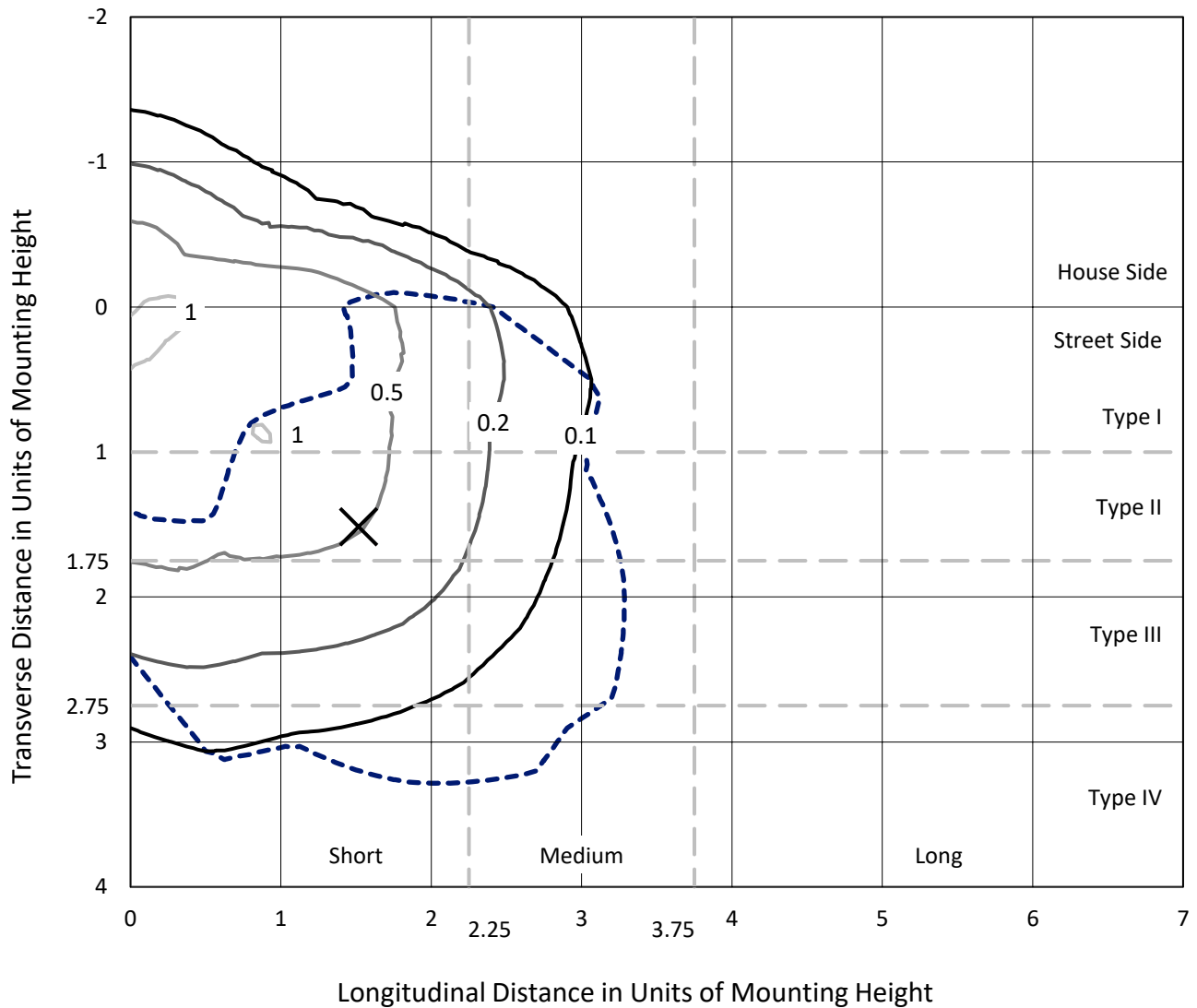
Input Watts (W): 30.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P945029
 CATALOG NUMBER: GALN-SB1A-835-U-SLL

Iso-Footcandle Lines of Horizontal Illumination

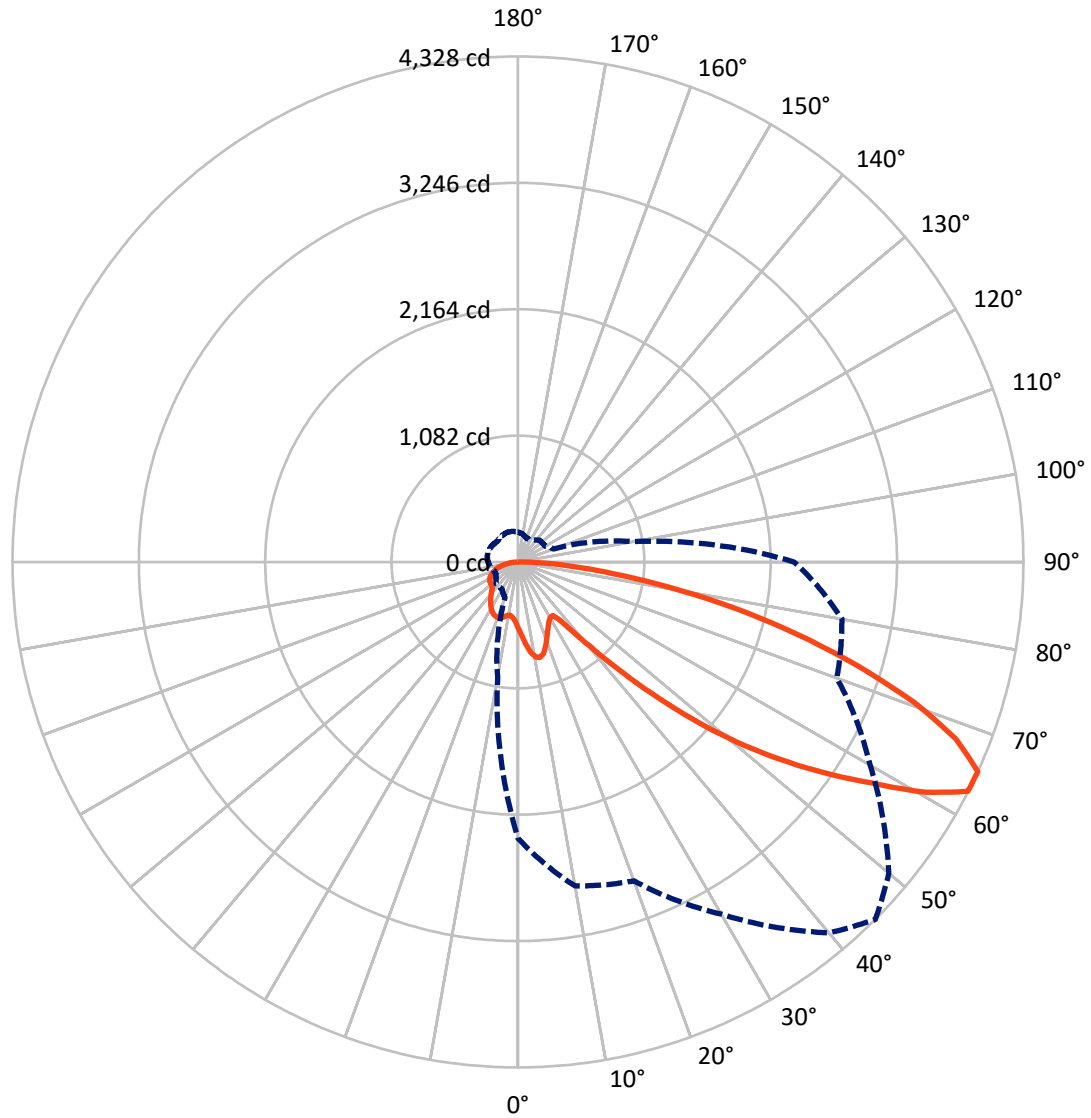
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.3 fc
 Type IV - Short - N/A

REPORT NUMBER: P945029
CATALOG NUMBER: GALN-SB1A-835-U-SLL

Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

REPORT NUMBER: P945029
 CATALOG NUMBER: GALN-SB1A-835-U-SLL

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1054.0	0.0	1054.0
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	3093.0	0.0	3093.0
	% Fixture	74.6	0.0	74.6
Total	Lumens	4147.0	0.0	4147.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.6	1.4
10°-20°	177.6	4.3
20°-30°	274.3	6.6
30°-40°	347.6	8.4
40°-50°	524.3	12.6
50°-60°	847.0	20.4
60°-70°	1056.0	25.5
70°-80°	692.5	16.7
80°-90°	171.2	4.1
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°	4147.0	100.0
0°-180°	4147.0	100.0



REPORT NUMBER: P945029

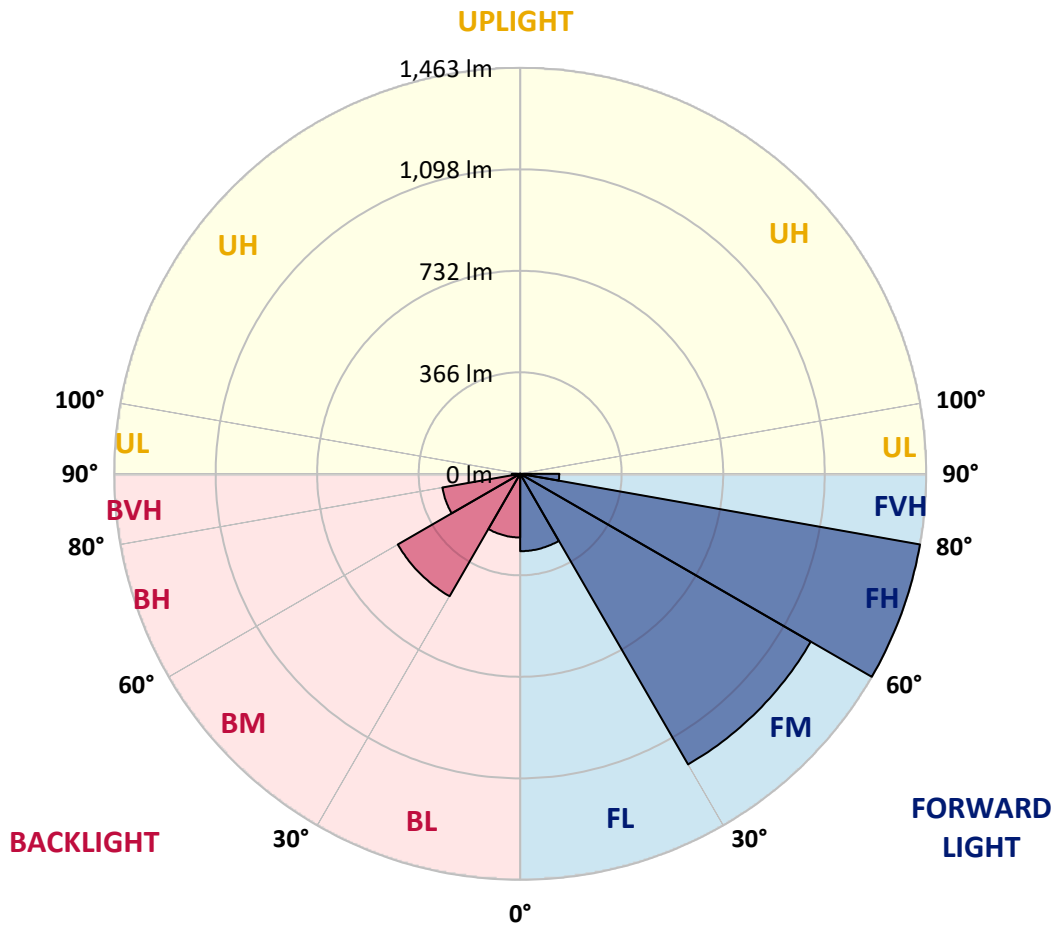
CATALOG NUMBER: GALN-SB1A-835-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	278.9	6.7			
FM (30°-60°)	1209.6	29.2			
FH (60°-80°)	1463.5	35.3			G1/1800
FVH (80°-90°)	141.0	3.4			G2/225
BL (0°-30°)	229.5	5.5	B1/500		
BM (30°-60°)	509.3	12.3	B1/1000		
BH (60°-80°)	284.9	6.9	B1/500		G1/500
BVH (80°-90°)	30.2	0.7			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

Type IV Short



REPORT NUMBER: P945029

CATALOG NUMBER: GALN-SB1A-835-U-SLL

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2
2.5°	613.2	615.6	617.9	621.2	624.5	626.5	628.5	629.4	630.4	630.0
5°	659.4	667.5	675.7	683.7	691.8	696.2	700.6	703.2	705.9	707.9
7.5°	705.8	719.0	732.2	744.1	756.0	763.1	770.3	774.2	778.0	779.9
10°	741.4	757.0	772.6	786.6	800.5	808.9	817.3	821.1	824.8	826.3
12.5°	763.1	780.1	797.0	809.6	822.2	828.3	834.4	836.5	838.5	838.7
15°	776.4	791.0	805.6	813.5	821.4	821.6	821.8	819.7	817.5	814.9
17.5°	783.8	793.7	803.6	803.7	803.8	795.0	786.1	778.0	769.9	764.1
20°	792.0	795.5	798.9	788.5	778.1	758.6	739.0	724.8	710.5	701.8
22.5°	801.5	797.0	792.5	771.0	749.5	720.7	691.9	674.1	656.3	646.6
25°	813.8	799.6	785.3	752.7	720.0	685.0	650.1	631.3	612.7	603.5
27.5°	830.4	805.0	779.6	736.2	693.0	654.2	615.5	597.1	578.7	570.0
30°	852.9	814.9	777.0	723.7	670.4	630.1	589.7	572.6	555.5	547.5
32.5°	879.3	827.4	775.5	715.2	654.9	617.0	579.0	565.6	552.2	546.4
35°	911.5	848.0	784.4	721.6	658.8	632.4	606.1	603.0	599.8	599.4
37.5°	965.7	890.9	816.2	759.0	701.9	700.2	698.5	712.8	727.1	734.6
40°	1047.5	966.2	884.9	842.4	800.0	829.9	859.9	894.7	929.5	946.8
42.5°	1156.0	1075.4	994.7	970.3	945.8	1011.2	1076.6	1139.8	1203.1	1240.3
45°	1290.1	1217.6	1145.1	1134.3	1123.5	1228.3	1333.1	1437.0	1541.0	1604.2
47.5°	1457.7	1387.2	1316.7	1314.5	1312.3	1463.4	1614.5	1766.7	1919.0	2008.3
50°	1677.4	1590.3	1503.3	1503.6	1504.0	1698.8	1893.5	2094.4	2295.4	2416.9
52.5°	1929.6	1824.1	1718.7	1708.1	1697.4	1930.0	2162.7	2411.3	2659.9	2805.5
55°	2198.1	2093.9	1989.7	1948.2	1906.6	2165.5	2424.4	2720.8	3017.2	3190.4
57.5°	2442.3	2385.5	2328.8	2245.5	2162.1	2423.6	2685.0	3020.7	3356.4	3571.2
60°	2589.9	2678.0	2766.1	2662.6	2559.1	2806.5	3053.9	3413.3	3772.7	4004.9
62.5°	2514.9	2755.6	2996.4	2984.7	2973.0	3199.6	3426.3	3768.3	4110.2	4324.8
65°	2364.9	2590.8	2816.8	2861.5	2906.2	3194.2	3482.2	3813.8	4145.4	4328.1
67.5°	2163.9	2378.8	2593.7	2614.7	2635.6	2935.7	3235.8	3568.8	3901.8	4044.9
70°	1922.5	2156.2	2389.9	2399.3	2408.7	2677.0	2945.4	3232.0	3518.5	3598.1
72.5°	1634.7	1902.9	2171.1	2177.9	2184.6	2394.6	2604.5	2819.2	3033.8	3041.8
75°	1270.7	1548.3	1825.9	1850.8	1875.7	2039.1	2202.4	2353.5	2504.6	2464.1
77.5°	907.9	1167.0	1426.2	1461.8	1497.5	1621.7	1745.9	1853.0	1960.2	1890.6
80°	594.2	812.2	1030.2	1074.5	1118.9	1212.7	1306.4	1362.7	1418.9	1307.0
82.5°	345.4	494.4	643.5	693.0	742.6	807.1	871.7	895.2	918.6	830.6
85°	152.0	231.1	310.2	352.3	394.4	447.5	500.5	513.8	527.1	456.7
87.5°	47.0	73.6	100.2	123.7	147.2	173.7	200.3	201.4	202.5	170.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P945029
 CATALOG NUMBER: GALN-SB1A-835-U-SLL

CANDELA DISTRIBUTION (continued):

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
570.2	0°	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2
630.4	2.5°	629.4	628.5	626.5	624.5	621.2	617.9	615.6	613.2	608.5	603.8
705.9	5°	703.2	700.6	696.2	691.8	683.7	675.7	667.5	659.4	649.0	638.6
778.0	7.5°	774.2	770.3	763.1	756.0	744.1	732.2	719.0	705.8	688.7	671.5
824.8	10°	821.1	817.3	808.9	800.5	786.6	772.6	757.0	741.4	719.7	698.0
838.5	12.5°	836.5	834.4	828.3	822.2	809.6	797.0	780.1	763.1	739.3	715.5
817.5	15°	819.7	821.8	821.6	821.4	813.5	805.6	791.0	776.4	751.5	726.7
769.9	17.5°	778.0	786.1	795.0	803.8	803.7	803.6	793.7	783.8	758.6	733.4
710.5	20°	724.8	739.0	758.6	778.1	788.5	798.9	795.5	792.0	765.9	739.7
656.3	22.5°	674.1	691.9	720.7	749.5	771.0	792.5	797.0	801.5	774.8	748.0
612.7	25°	631.3	650.1	685.0	720.0	752.7	785.3	799.6	813.8	787.6	761.4
578.7	27.5°	597.1	615.5	654.2	693.0	736.2	779.6	805.0	830.4	805.4	780.4
555.5	30°	572.6	589.7	630.1	670.4	723.7	777.0	814.9	852.9	828.7	804.6
552.2	32.5°	565.6	579.0	617.0	654.9	715.2	775.5	827.4	879.3	855.4	831.5
599.8	35°	603.0	606.1	632.4	658.8	721.6	784.4	848.0	911.5	888.6	865.7
727.1	37.5°	712.8	698.5	700.2	701.9	759.0	816.2	890.9	965.7	936.5	907.3
929.5	40°	894.7	859.9	829.9	800.0	842.4	884.9	966.2	1047.5	1005.0	962.4
1203.1	42.5°	1139.8	1076.6	1011.2	945.8	970.3	994.7	1075.4	1156.0	1094.6	1033.2
1541.0	45°	1437.0	1333.1	1228.3	1123.5	1134.3	1145.1	1217.6	1290.1	1207.2	1124.4
1919.0	47.5°	1766.7	1614.5	1463.4	1312.3	1314.5	1316.7	1387.2	1457.7	1341.1	1224.5
2295.4	50°	2094.4	1893.5	1698.8	1504.0	1503.6	1503.3	1590.3	1677.4	1501.6	1325.9
2659.9	52.5°	2411.3	2162.7	1930.0	1697.4	1708.1	1718.7	1824.1	1929.6	1670.3	1411.0
3017.2	55°	2720.8	2424.4	2165.5	1906.6	1948.2	1989.7	2093.9	2198.1	1819.8	1441.5
3356.4	57.5°	3020.7	2685.0	2423.6	2162.1	2245.5	2328.8	2385.5	2442.3	1925.7	1409.2
3772.7	60°	3413.3	3053.9	2806.5	2559.1	2662.6	2766.1	2678.0	2589.9	1952.2	1314.5
4110.2	62.5°	3768.3	3426.3	3199.6	2973.0	2984.7	2996.4	2755.6	2514.9	1840.7	1166.5
4145.4	65°	3813.8	3482.2	3194.2	2906.2	2861.5	2816.8	2590.8	2364.9	1683.0	1001.0
3901.8	67.5°	3568.8	3235.8	2935.7	2635.6	2614.7	2593.7	2378.8	2163.9	1495.2	826.5
3518.5	70°	3232.0	2945.4	2677.0	2408.7	2399.3	2389.9	2156.2	1922.5	1290.4	658.3
3033.8	72.5°	2819.2	2604.5	2394.6	2184.6	2177.9	2171.1	1902.9	1634.7	1068.3	502.0
2504.6	75°	2353.5	2202.4	2039.1	1875.7	1850.8	1825.9	1548.3	1270.7	813.8	356.9
1960.2	77.5°	1853.0	1745.9	1621.7	1497.5	1461.8	1426.2	1167.0	907.9	569.6	231.3
1418.9	80°	1362.7	1306.4	1212.7	1118.9	1074.5	1030.2	812.2	594.2	367.0	139.7
918.6	82.5°	895.2	871.7	807.1	742.6	693.0	643.5	494.4	345.4	212.4	79.4
527.1	85°	513.8	500.5	447.5	394.4	352.3	310.2	231.1	152.0	95.5	39.1
202.5	87.5°	201.4	200.3	173.7	147.2	123.7	100.2	73.6	47.0	31.3	15.5
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P945029
 CATALOG NUMBER: GALN-SB1A-835-U-SLL

CANDELA DISTRIBUTION (continued):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
570.2	0°	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2
598.8	2.5°	593.8	588.8	583.8	579.0	574.1	569.5	564.3	560.1	555.9	552.1
628.3	5°	617.9	607.5	597.1	587.3	577.6	568.4	559.3	551.4	543.4	536.8
655.7	7.5°	639.8	624.4	609.0	595.4	581.8	569.3	557.5	547.0	536.4	527.7
677.1	10°	656.1	637.4	618.7	602.6	586.5	571.0	558.4	547.3	536.2	527.4
691.8	12.5°	668.1	646.0	623.9	605.7	587.5	571.2	559.5	550.4	541.3	535.5
701.0	15°	675.2	649.8	624.3	603.3	582.2	564.2	554.8	550.5	546.1	546.9
705.4	17.5°	677.3	647.8	618.2	592.9	567.6	546.4	540.6	542.2	543.8	553.3
708.8	20°	678.0	642.2	606.4	575.0	543.6	518.9	517.4	524.8	532.3	548.8
713.4	22.5°	678.8	635.3	591.7	553.9	516.2	488.1	491.1	502.1	513.1	532.0
721.8	25°	682.3	628.5	574.7	530.5	486.2	457.4	465.5	478.2	490.9	507.9
735.0	27.5°	689.5	624.0	558.4	509.0	459.6	433.4	443.2	455.5	467.7	481.7
752.0	30°	699.4	621.8	544.3	491.1	437.9	415.9	423.6	433.3	443.1	454.7
769.7	32.5°	707.9	619.2	530.5	475.6	420.7	403.0	406.4	412.1	417.9	427.2
789.9	35°	714.2	614.3	514.4	460.4	406.4	391.6	390.2	391.7	393.3	400.4
812.6	37.5°	717.9	605.8	493.7	442.5	391.3	378.3	373.1	371.4	369.6	374.7
841.3	40°	720.3	594.1	468.1	421.1	374.2	362.5	354.5	350.5	346.6	350.2
879.0	42.5°	724.7	582.1	439.6	397.6	355.5	344.8	334.7	329.4	324.2	327.2
928.5	45°	732.5	570.9	409.4	372.5	335.7	324.7	315.0	309.9	304.8	307.3
981.2	47.5°	737.9	561.7	385.5	352.7	319.9	305.8	297.4	293.1	288.8	291.2
1030.1	50°	734.4	551.6	368.9	339.6	310.2	291.7	282.0	278.1	274.4	278.0
1061.9	52.5°	712.8	534.6	356.5	330.9	305.4	284.0	270.4	266.7	262.9	268.4
1054.9	55°	668.3	506.4	344.6	324.6	304.6	284.8	264.3	258.3	252.4	260.3
1005.6	57.5°	602.1	466.7	331.3	317.2	303.1	285.6	260.6	252.0	243.3	251.7
913.9	60°	513.3	415.1	316.9	305.8	294.7	283.2	257.2	245.9	234.7	242.1
789.9	62.5°	413.3	353.4	293.4	286.0	278.7	277.2	253.1	239.1	225.1	229.8
663.4	65°	325.8	297.8	269.8	266.3	262.8	263.0	244.6	229.7	214.8	216.6
539.4	67.5°	252.3	244.4	236.4	238.4	240.3	239.8	229.5	217.1	204.6	204.1
424.7	70°	191.1	193.4	195.7	204.7	213.7	213.7	210.3	201.4	192.6	190.6
324.7	72.5°	147.4	154.3	161.2	173.9	186.7	188.8	188.9	182.8	176.8	173.9
235.7	75°	114.5	120.7	126.9	141.2	155.5	165.4	164.6	159.9	155.3	152.5
159.7	77.5°	88.1	92.4	96.6	110.5	124.4	140.7	140.3	136.5	132.8	130.0
102.9	80°	66.1	67.8	69.6	81.4	93.1	112.6	112.5	109.4	106.2	103.9
63.3	82.5°	47.2	47.5	47.9	56.5	65.2	81.8	82.8	81.2	79.7	78.0
33.8	85°	28.6	28.4	28.2	34.6	40.9	53.3	54.5	52.8	51.2	49.3
14.0	87.5°	12.5	12.4	12.2	14.8	17.4	22.5	24.1	23.4	22.8	22.4
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P945029
 CATALOG NUMBER: GALN-SB1A-835-U-SLL

CANDELA DISTRIBUTION (continued):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
570.2	0°	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2
548.4	2.5°	545.1	541.8	538.4	535.1	532.6	530.0	527.9	525.8	524.2	522.6
530.2	5°	524.3	518.4	513.1	507.8	503.7	499.6	496.7	493.8	491.8	489.8
518.9	7.5°	511.6	504.2	497.6	491.1	486.3	481.4	478.0	474.6	472.2	469.9
518.7	10°	510.7	502.7	495.4	488.1	482.3	476.4	472.6	468.8	466.5	464.3
529.7	12.5°	523.5	517.2	509.7	502.1	494.6	487.2	482.3	477.4	474.9	472.4
547.7	15°	546.1	544.5	537.9	531.3	520.7	510.1	502.6	495.1	491.7	488.3
562.9	17.5°	567.9	573.0	567.7	562.4	548.3	534.3	523.3	512.3	507.2	502.1
565.4	20°	576.0	586.7	584.2	581.7	565.7	549.7	536.2	522.7	516.2	509.6
550.9	22.5°	564.8	578.6	580.1	581.5	566.2	550.9	537.0	523.0	516.2	509.3
525.0	25°	538.5	552.1	557.2	562.3	549.7	537.2	524.8	512.4	506.5	500.6
495.7	27.5°	506.6	517.5	523.1	528.8	519.8	510.9	501.3	491.7	487.7	483.7
466.3	30°	475.3	484.4	489.0	493.6	486.7	479.9	473.0	466.1	464.1	462.0
436.4	32.5°	445.1	453.8	458.9	464.0	457.8	451.5	446.0	440.5	439.2	437.8
407.4	35°	416.0	424.6	430.7	436.9	432.4	428.0	422.9	417.8	415.8	413.8
379.8	37.5°	388.3	396.9	404.5	412.0	410.0	407.9	403.3	398.6	394.9	391.2
353.9	40°	362.1	370.4	379.1	387.9	388.4	388.8	384.9	380.9	375.5	370.2
330.2	42.5°	338.0	345.8	355.3	364.7	367.2	369.7	366.4	363.0	356.4	349.7
309.8	45°	317.2	324.7	334.4	344.2	347.8	351.4	348.4	345.4	337.8	330.2
293.5	47.5°	300.8	308.1	317.7	327.4	331.5	335.7	333.6	331.5	324.7	317.9
281.7	50°	288.6	295.5	304.1	312.7	318.0	323.4	323.2	323.2	317.7	312.3
274.0	52.5°	280.3	286.5	294.6	302.6	309.0	315.3	316.4	317.6	313.1	308.7
268.1	55°	274.9	281.7	288.7	295.7	302.4	309.2	310.7	312.3	308.5	304.6
260.2	57.5°	268.1	276.1	283.1	290.0	296.8	303.5	305.1	306.7	302.8	299.0
249.5	60°	258.6	267.8	274.9	282.0	288.7	295.5	297.3	299.0	295.2	291.4
234.5	62.5°	245.1	255.8	263.4	270.9	277.1	283.3	285.0	286.7	283.3	279.8
218.4	65°	229.8	241.3	248.5	255.7	261.2	266.6	268.4	270.1	266.8	263.5
203.5	67.5°	214.1	224.6	231.5	238.3	243.0	247.7	249.4	251.1	248.1	245.0
188.7	70°	197.9	207.2	213.1	219.0	223.3	227.6	229.2	230.8	228.3	225.9
171.0	72.5°	178.3	185.6	190.9	196.3	200.5	204.6	206.6	208.5	206.4	204.4
149.7	75°	155.1	160.6	165.4	170.2	174.1	177.9	179.9	181.9	180.9	179.9
127.2	77.5°	131.6	136.0	140.2	144.3	148.3	152.3	154.2	156.1	154.7	153.2
101.5	80°	105.2	108.9	112.4	115.9	118.9	121.9	124.4	126.9	126.3	125.7
76.4	82.5°	76.1	75.8	74.5	73.3	79.8	86.3	90.5	94.7	94.5	94.2
47.5	85°	45.9	44.3	40.9	37.5	43.6	49.7	54.9	60.2	59.7	59.3
22.1	87.5°	22.0	21.9	19.3	16.7	19.3	21.8	24.0	26.1	25.6	25.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P945029
 CATALOG NUMBER: GALN-SB1A-835-U-SLL

CANDELA DISTRIBUTION (continued):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
570.2	0°	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2
521.1	2.5°	519.6	517.7	519.6	521.1	522.6	524.2	525.8	527.9	530.0	532.6
488.2	5°	486.7	485.1	486.7	488.2	489.8	491.8	493.8	496.7	499.6	503.7
468.5	7.5°	467.1	466.1	467.1	468.5	469.9	472.2	474.6	478.0	481.4	486.3
463.2	10°	462.0	461.5	462.0	463.2	464.3	466.5	468.8	472.6	476.4	482.3
471.4	12.5°	470.4	470.2	470.4	471.4	472.4	474.9	477.4	482.3	487.2	494.6
487.0	15°	485.7	485.6	485.7	487.0	488.3	491.7	495.1	502.6	510.1	520.7
500.4	17.5°	498.7	498.5	498.7	500.4	502.1	507.2	512.3	523.3	534.3	548.3
507.6	20°	505.5	504.8	505.5	507.6	509.6	516.2	522.7	536.2	549.7	565.7
507.0	22.5°	504.7	503.7	504.7	507.0	509.3	516.2	523.0	537.0	550.9	566.2
498.4	25°	496.2	495.0	496.2	498.4	500.6	506.5	512.4	524.8	537.2	549.7
482.7	27.5°	481.7	481.4	481.7	482.7	483.7	487.7	491.7	501.3	510.9	519.8
462.0	30°	462.0	462.4	462.0	462.0	462.0	464.1	466.1	473.0	479.9	486.7
438.0	32.5°	438.2	438.5	438.2	438.0	437.8	439.2	440.5	446.0	451.5	457.8
413.4	35°	412.9	412.7	412.9	413.4	413.8	415.8	417.8	422.9	428.0	432.4
389.3	37.5°	387.3	386.2	387.3	389.3	391.2	394.9	398.6	403.3	407.9	410.0
366.6	40°	363.0	360.8	363.0	366.6	370.2	375.5	380.9	384.9	388.8	388.4
344.4	42.5°	339.1	335.7	339.1	344.4	349.7	356.4	363.0	366.4	369.7	367.2
324.0	45°	317.8	313.8	317.8	324.0	330.2	337.8	345.4	348.4	351.4	347.8
312.2	47.5°	306.5	302.6	306.5	312.2	317.9	324.7	331.5	333.6	335.7	331.5
307.0	50°	301.7	298.0	301.7	307.0	312.3	317.7	323.2	323.2	323.4	318.0
304.0	52.5°	299.2	295.8	299.2	304.0	308.7	313.1	317.6	316.4	315.3	309.0
300.4	55°	296.3	293.2	296.3	300.4	304.6	308.5	312.3	310.7	309.2	302.4
294.8	57.5°	290.7	287.5	290.7	294.8	299.0	302.8	306.7	305.1	303.5	296.8
287.2	60°	282.9	279.7	282.9	287.2	291.4	295.2	299.0	297.3	295.5	288.7
275.4	62.5°	270.9	267.0	270.9	275.4	279.8	283.3	286.7	285.0	283.3	277.1
259.1	65°	254.8	251.4	254.8	259.1	263.5	266.8	270.1	268.4	266.6	261.2
241.0	67.5°	237.0	233.9	237.0	241.0	245.0	248.1	251.1	249.4	247.7	243.0
222.0	70°	218.2	214.7	218.2	222.0	225.9	228.3	230.8	229.2	227.6	223.3
200.7	72.5°	197.0	193.7	197.0	200.7	204.4	206.4	208.5	206.6	204.6	200.5
176.8	75°	173.7	170.5	173.7	176.8	179.9	180.9	181.9	179.9	177.9	174.1
150.1	77.5°	147.0	144.4	147.0	150.1	153.2	154.7	156.1	154.2	152.3	148.3
121.5	80°	117.3	112.5	117.3	121.5	125.7	126.3	126.9	124.4	121.9	118.9
90.7	82.5°	87.1	84.0	87.1	90.7	94.2	94.5	94.7	90.5	86.3	79.8
56.5	85°	53.8	51.0	53.8	56.5	59.3	59.7	60.2	54.9	49.7	43.6
23.6	87.5°	22.1	20.8	22.1	23.6	25.0	25.6	26.1	24.0	21.8	19.3
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P945029
 CATALOG NUMBER: GALN-SB1A-835-U-SLL

CANDELA DISTRIBUTION (continued):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
570.2	0°	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2
535.1	2.5°	538.4	541.8	545.1	548.4	552.1	555.9	560.1	564.3	569.5	574.1
507.8	5°	513.1	518.4	524.3	530.2	536.8	543.4	551.4	559.3	568.4	577.6
491.1	7.5°	497.6	504.2	511.6	518.9	527.7	536.4	547.0	557.5	569.3	581.8
488.1	10°	495.4	502.7	510.7	518.7	527.4	536.2	547.3	558.4	571.0	586.5
502.1	12.5°	509.7	517.2	523.5	529.7	535.5	541.3	550.4	559.5	571.2	587.5
531.3	15°	537.9	544.5	546.1	547.7	546.9	546.1	550.5	554.8	564.2	582.2
562.4	17.5°	567.7	573.0	567.9	562.9	553.3	543.8	542.2	540.6	546.4	567.6
581.7	20°	584.2	586.7	576.0	565.4	548.8	532.3	524.8	517.4	518.9	543.6
581.5	22.5°	580.1	578.6	564.8	550.9	532.0	513.1	502.1	491.1	488.1	516.2
562.3	25°	557.2	552.1	538.5	525.0	507.9	490.9	478.2	465.5	457.4	486.2
528.8	27.5°	523.1	517.5	506.6	495.7	481.7	467.7	455.5	443.2	433.4	459.6
493.6	30°	489.0	484.4	475.3	466.3	454.7	443.1	433.3	423.6	415.9	437.9
464.0	32.5°	458.9	453.8	445.1	436.4	427.2	417.9	412.1	406.4	403.0	420.7
436.9	35°	430.7	424.6	416.0	407.4	400.4	393.3	391.7	390.2	391.6	406.4
412.0	37.5°	404.5	396.9	388.3	379.8	374.7	369.6	371.4	373.1	378.3	391.3
387.9	40°	379.1	370.4	362.1	353.9	350.2	346.6	350.5	354.5	362.5	374.2
364.7	42.5°	355.3	345.8	338.0	330.2	327.2	324.2	329.4	334.7	344.8	355.5
344.2	45°	334.4	324.7	317.2	309.8	307.3	304.8	309.9	315.0	324.7	335.7
327.4	47.5°	317.7	308.1	300.8	293.5	291.2	288.8	293.1	297.4	305.8	319.9
312.7	50°	304.1	295.5	288.6	281.7	278.0	274.4	278.1	282.0	291.7	310.2
302.6	52.5°	294.6	286.5	280.3	274.0	268.4	262.9	266.7	270.4	284.0	305.4
295.7	55°	288.7	281.7	274.9	268.1	260.3	252.4	258.3	264.3	284.8	304.6
290.0	57.5°	283.1	276.1	268.1	260.2	251.7	243.3	252.0	260.6	285.6	303.1
282.0	60°	274.9	267.8	258.6	249.5	242.1	234.7	245.9	257.2	283.2	294.7
270.9	62.5°	263.4	255.8	245.1	234.5	229.8	225.1	239.1	253.1	277.2	278.7
255.7	65°	248.5	241.3	229.8	218.4	216.6	214.8	229.7	244.6	263.0	262.8
238.3	67.5°	231.5	224.6	214.1	203.5	204.1	204.6	217.1	229.5	239.8	240.3
219.0	70°	213.1	207.2	197.9	188.7	190.6	192.6	201.4	210.3	213.7	213.7
196.3	72.5°	190.9	185.6	178.3	171.0	173.9	176.8	182.8	188.9	188.8	186.7
170.2	75°	165.4	160.6	155.1	149.7	152.5	155.3	159.9	164.6	165.4	155.5
144.3	77.5°	140.2	136.0	131.6	127.2	130.0	132.8	136.5	140.3	140.7	124.4
115.9	80°	112.4	108.9	105.2	101.5	103.9	106.2	109.4	112.5	112.6	93.1
73.3	82.5°	74.5	75.8	76.1	76.4	78.0	79.7	81.2	82.8	81.8	65.2
37.5	85°	40.9	44.3	45.9	47.5	49.3	51.2	52.8	54.5	53.3	40.9
16.7	87.5°	19.3	21.9	22.0	22.1	22.4	22.8	23.4	24.1	22.5	17.4
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P945029
 CATALOG NUMBER: GALN-SB1A-835-U-SLL

CANDELA DISTRIBUTION (continued):

325°		330°	335°	340°	345°	350°	355°	360°
570.2	0°	570.2	570.2	570.2	570.2	570.2	570.2	570.2
579.0	2.5°	583.8	588.8	593.8	598.8	603.8	608.5	613.2
587.3	5°	597.1	607.5	617.9	628.3	638.6	649.0	659.4
595.4	7.5°	609.0	624.4	639.8	655.7	671.5	688.7	705.8
602.6	10°	618.7	637.4	656.1	677.1	698.0	719.7	741.4
605.7	12.5°	623.9	646.0	668.1	691.8	715.5	739.3	763.1
603.3	15°	624.3	649.8	675.2	701.0	726.7	751.5	776.4
592.9	17.5°	618.2	647.8	677.3	705.4	733.4	758.6	783.8
575.0	20°	606.4	642.2	678.0	708.8	739.7	765.9	792.0
553.9	22.5°	591.7	635.3	678.8	713.4	748.0	774.8	801.5
530.5	25°	574.7	628.5	682.3	721.8	761.4	787.6	813.8
509.0	27.5°	558.4	624.0	689.5	735.0	780.4	805.4	830.4
491.1	30°	544.3	621.8	699.4	752.0	804.6	828.7	852.9
475.6	32.5°	530.5	619.2	707.9	769.7	831.5	855.4	879.3
460.4	35°	514.4	614.3	714.2	789.9	865.7	888.6	911.5
442.5	37.5°	493.7	605.8	717.9	812.6	907.3	936.5	965.7
421.1	40°	468.1	594.1	720.3	841.3	962.4	1005.0	1047.5
397.6	42.5°	439.6	582.1	724.7	879.0	1033.2	1094.6	1156.0
372.5	45°	409.4	570.9	732.5	928.5	1124.4	1207.2	1290.1
352.7	47.5°	385.5	561.7	737.9	981.2	1224.5	1341.1	1457.7
339.6	50°	368.9	551.6	734.4	1030.1	1325.9	1501.6	1677.4
330.9	52.5°	356.5	534.6	712.8	1061.9	1411.0	1670.3	1929.6
324.6	55°	344.6	506.4	668.3	1054.9	1441.5	1819.8	2198.1
317.2	57.5°	331.3	466.7	602.1	1005.6	1409.2	1925.7	2442.3
305.8	60°	316.9	415.1	513.3	913.9	1314.5	1952.2	2589.9
286.0	62.5°	293.4	353.4	413.3	789.9	1166.5	1840.7	2514.9
266.3	65°	269.8	297.8	325.8	663.4	1001.0	1683.0	2364.9
238.4	67.5°	236.4	244.4	252.3	539.4	826.5	1495.2	2163.9
204.7	70°	195.7	193.4	191.1	424.7	658.3	1290.4	1922.5
173.9	72.5°	161.2	154.3	147.4	324.7	502.0	1068.3	1634.7
141.2	75°	126.9	120.7	114.5	235.7	356.9	813.8	1270.7
110.5	77.5°	96.6	92.4	88.1	159.7	231.3	569.6	907.9
81.4	80°	69.6	67.8	66.1	102.9	139.7	367.0	594.2
56.5	82.5°	47.9	47.5	47.2	63.3	79.4	212.4	345.4
34.6	85°	28.2	28.4	28.6	33.8	39.1	95.5	152.0
14.8	87.5°	12.2	12.4	12.5	14.0	15.5	31.3	47.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)