

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: P944945

Luminaire Tested: **GALN-SB1A-750-U-SLL**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P944945  
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-750-U-SLL  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(1) 70 CRI, 5000K, 350mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

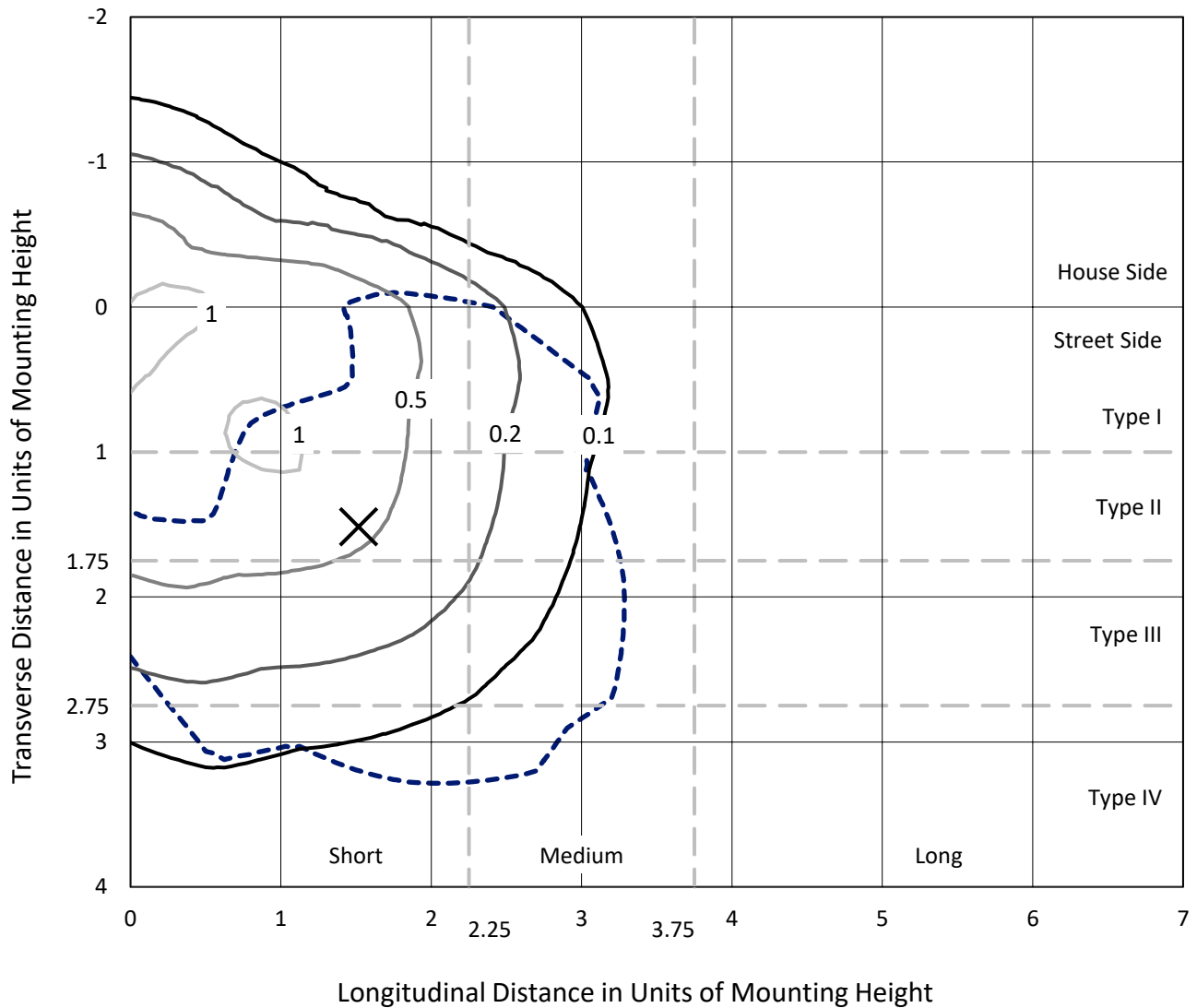
Lumens per Lamp: N/A  
Luminaire Lumens: 4730 lumens  
Efficiency: N/A  
Efficacy: 153.1 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G2  
  
Input Watts (W): 30.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
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: P944945  
 CATALOG NUMBER: GALN-SB1A-750-U-SLL

### Iso-Footcandle Lines of Horizontal Illumination

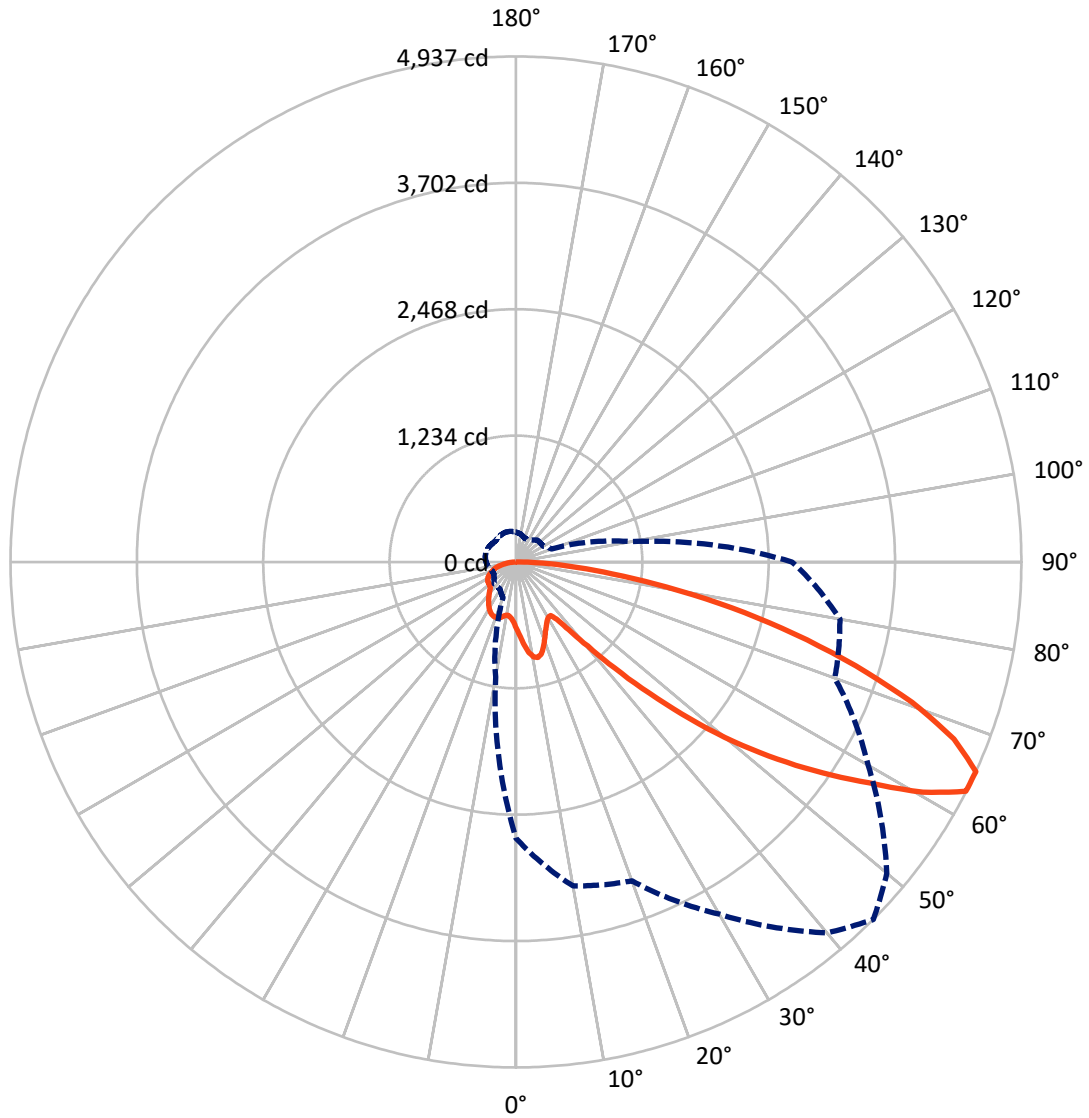
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.4 fc  
 Type IV - Short - N/A

REPORT NUMBER: P944945  
CATALOG NUMBER: GALN-SB1A-750-U-SLL

### Luminous Intensity Polar Plot



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

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1202.1	0.0	1202.1
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	3527.9	0.0	3527.9
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	4730.0	0.0	4730.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	64.5	1.4
10°-20°	202.5	4.3
20°-30°	312.9	6.6
30°-40°	396.5	8.4
40°-50°	598.0	12.6
50°-60°	966.1	20.4
60°-70°	1204.4	25.5
70°-80°	789.8	16.7
80°-90°	195.3	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°	4730.0	100.0
0°-180°	4730.0	100.0

**Coefficient of Utilization**



REPORT NUMBER: P944945

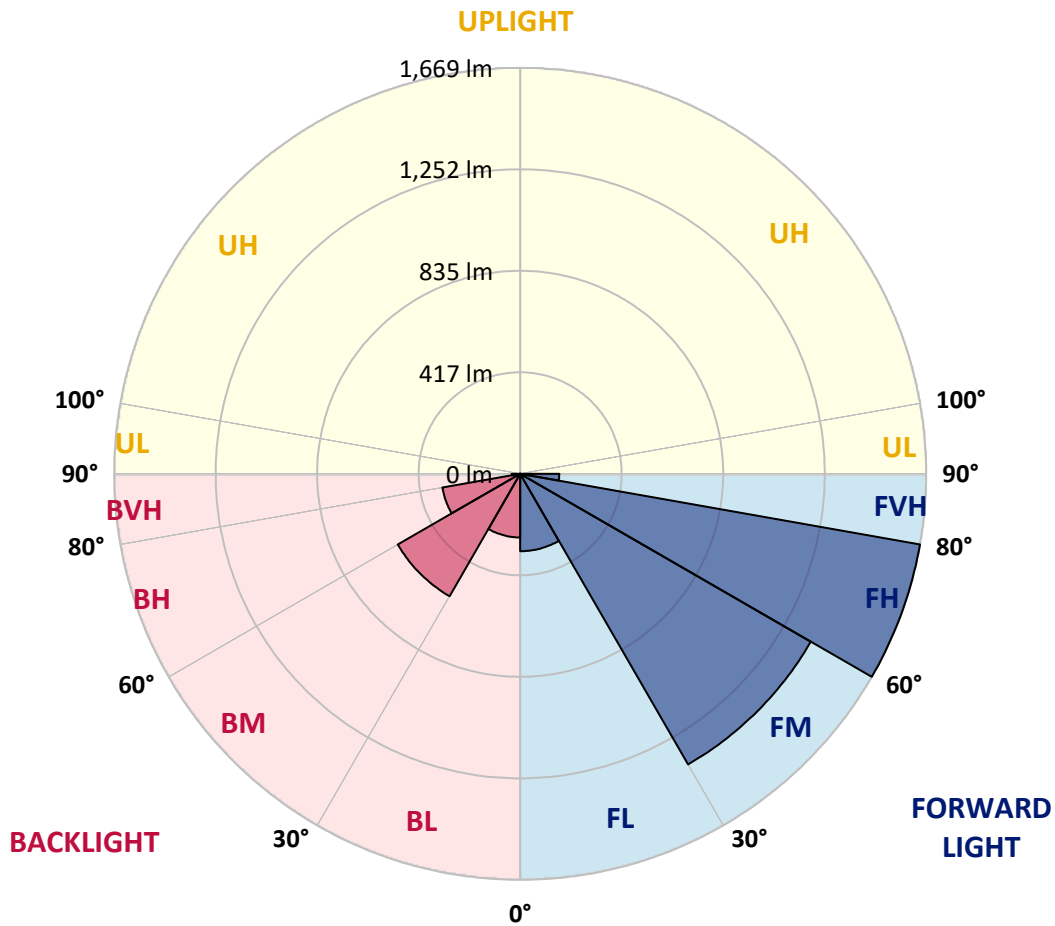
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	318.1	6.7			
FM (30°-60°)	1379.6	29.2			
FH (60°-80°)	1669.2	35.3			G1/1800
FVH (80°-90°)	160.9	3.4			G2/225
BL (0°-30°)	261.8	5.5	B1/500		
BM (30°-60°)	580.9	12.3	B1/1000		
BH (60°-80°)	325.0	6.9	B1/500		G1/500
BVH (80°-90°)	34.4	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



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 CATALOG NUMBER: GALN-SB1A-750-U-SLL

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4
2.5°	699.5	702.1	704.8	708.5	712.3	714.6	716.8	717.9	719.1	718.6
5°	752.1	761.4	770.7	779.8	789.1	794.1	799.0	802.1	805.1	807.4
7.5°	805.0	820.1	835.2	848.7	862.3	870.4	878.6	883.0	887.4	889.5
10°	845.6	863.4	881.2	897.1	913.0	922.7	932.2	936.5	940.8	942.4
12.5°	870.4	889.7	909.0	923.4	937.7	944.7	951.7	954.1	956.4	956.7
15°	885.5	902.2	918.8	927.9	936.9	937.1	937.4	934.9	932.4	929.5
17.5°	894.0	905.3	916.5	916.7	916.8	906.7	896.6	887.4	878.1	871.5
20°	903.4	907.3	911.2	899.4	887.5	865.2	842.9	826.6	810.4	800.4
22.5°	914.2	909.1	903.9	879.4	854.8	822.0	789.2	768.9	748.6	737.5
25°	928.2	912.0	895.8	858.5	821.2	781.3	741.5	720.1	698.8	688.4
27.5°	947.2	918.2	889.1	839.8	790.4	746.2	702.0	681.0	660.0	650.2
30°	972.8	929.5	886.3	825.5	764.7	718.7	672.6	653.1	633.6	624.5
32.5°	1003.0	943.7	884.5	815.7	747.0	703.7	660.4	645.1	629.8	623.2
35°	1039.6	967.2	894.7	823.0	751.4	721.3	691.3	687.7	684.2	683.6
37.5°	1101.4	1016.2	930.9	865.8	800.6	798.7	796.7	813.0	829.4	837.9
40°	1194.8	1102.0	1009.3	960.9	912.4	946.6	980.8	1020.5	1060.2	1079.9
42.5°	1318.6	1226.6	1134.6	1106.7	1078.8	1153.3	1227.9	1300.1	1372.3	1414.6
45°	1471.4	1388.8	1306.1	1293.8	1281.5	1401.0	1520.5	1639.1	1757.7	1829.7
47.5°	1662.6	1582.2	1501.8	1499.3	1496.8	1669.2	1841.5	2015.1	2188.7	2290.7
50°	1913.2	1813.9	1714.6	1715.0	1715.4	1937.6	2159.7	2388.9	2618.1	2756.7
52.5°	2200.8	2080.6	1960.4	1948.2	1936.0	2201.4	2466.7	2750.3	3033.8	3199.9
55°	2507.1	2388.3	2269.5	2222.1	2174.7	2470.0	2765.3	3103.3	3441.4	3638.9
57.5°	2785.6	2720.9	2656.2	2561.1	2466.1	2764.3	3062.4	3445.4	3828.2	4073.2
60°	2954.0	3054.4	3154.9	3036.9	2918.8	3201.0	3483.2	3893.2	4303.1	4567.9
62.5°	2868.5	3143.0	3417.6	3404.3	3391.0	3649.5	3908.0	4298.0	4688.1	4932.8
65°	2697.4	2955.1	3212.8	3263.8	3314.7	3643.2	3971.8	4350.0	4728.2	4936.5
67.5°	2468.1	2713.2	2958.3	2982.2	3006.1	3348.4	3690.6	4070.5	4450.3	4613.6
70°	2192.7	2459.3	2725.9	2736.6	2747.3	3053.4	3359.4	3686.3	4013.2	4103.9
72.5°	1864.5	2170.4	2476.4	2484.1	2491.7	2731.2	2970.7	3215.5	3460.3	3469.5
75°	1449.3	1766.0	2082.6	2111.0	2139.4	2325.7	2512.1	2684.4	2856.7	2810.6
77.5°	1035.5	1331.1	1626.7	1667.3	1708.0	1849.7	1991.3	2113.5	2235.8	2156.4
80°	677.7	926.4	1175.0	1225.6	1276.2	1383.1	1490.1	1554.3	1618.4	1490.8
82.5°	394.0	564.0	734.0	790.5	847.0	920.6	994.2	1021.0	1047.8	947.4
85°	173.3	263.6	353.8	401.8	449.9	510.4	570.8	586.0	601.2	520.9
87.5°	53.7	84.0	114.3	141.1	167.9	198.2	228.4	229.7	231.0	193.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P944945  
 CATALOG NUMBER: GALN-SB1A-750-U-SLL

**CANDELA DISTRIBUTION (continued):**

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
650.4	0°	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4
719.1	2.5°	717.9	716.8	714.6	712.3	708.5	704.8	702.1	699.5	694.1	688.7
805.1	5°	802.1	799.0	794.1	789.1	779.8	770.7	761.4	752.1	740.3	728.4
887.4	7.5°	883.0	878.6	870.4	862.3	848.7	835.2	820.1	805.0	785.5	765.9
940.8	10°	936.5	932.2	922.7	913.0	897.1	881.2	863.4	845.6	820.9	796.1
956.4	12.5°	954.1	951.7	944.7	937.7	923.4	909.0	889.7	870.4	843.2	816.1
932.4	15°	934.9	937.4	937.1	936.9	927.9	918.8	902.2	885.5	857.2	828.9
878.1	17.5°	887.4	896.6	906.7	916.8	916.7	916.5	905.3	894.0	865.3	836.6
810.4	20°	826.6	842.9	865.2	887.5	899.4	911.2	907.3	903.4	873.5	843.6
748.6	22.5°	768.9	789.2	822.0	854.8	879.4	903.9	909.1	914.2	883.7	853.2
698.8	25°	720.1	741.5	781.3	821.2	858.5	895.8	912.0	928.2	898.3	868.4
660.0	27.5°	681.0	702.0	746.2	790.4	839.8	889.1	918.2	947.2	918.7	890.1
633.6	30°	653.1	672.6	718.7	764.7	825.5	886.3	929.5	972.8	945.2	917.7
629.8	32.5°	645.1	660.4	703.7	747.0	815.7	884.5	943.7	1003.0	975.7	948.4
684.2	35°	687.7	691.3	721.3	751.4	823.0	894.7	967.2	1039.6	1013.5	987.4
829.4	37.5°	813.0	796.7	798.7	800.6	865.8	930.9	1016.2	1101.4	1068.1	1034.8
1060.2	40°	1020.5	980.8	946.6	912.4	960.9	1009.3	1102.0	1194.8	1146.2	1097.7
1372.3	42.5°	1300.1	1227.9	1153.3	1078.8	1106.7	1134.6	1226.6	1318.6	1248.5	1178.5
1757.7	45°	1639.1	1520.5	1401.0	1281.5	1293.8	1306.1	1388.8	1471.4	1377.0	1282.5
2188.7	47.5°	2015.1	1841.5	1669.2	1496.8	1499.3	1501.8	1582.2	1662.6	1529.7	1396.7
2618.1	50°	2388.9	2159.7	1937.6	1715.4	1715.0	1714.6	1813.9	1913.2	1712.7	1512.3
3033.8	52.5°	2750.3	2466.7	2201.4	1936.0	1948.2	1960.4	2080.6	2200.8	1905.1	1609.3
3441.4	55°	3103.3	2765.3	2470.0	2174.7	2222.1	2269.5	2388.3	2507.1	2075.6	1644.1
3828.2	57.5°	3445.4	3062.4	2764.3	2466.1	2561.1	2656.2	2720.9	2785.6	2196.4	1607.3
4303.1	60°	3893.2	3483.2	3201.0	2918.8	3036.9	3154.9	3054.4	2954.0	2226.6	1499.3
4688.1	62.5°	4298.0	3908.0	3649.5	3391.0	3404.3	3417.6	3143.0	2868.5	2099.5	1330.5
4728.2	65°	4350.0	3971.8	3643.2	3314.7	3263.8	3212.8	2955.1	2697.4	1919.6	1141.7
4450.3	67.5°	4070.5	3690.6	3348.4	3006.1	2982.2	2958.3	2713.2	2468.1	1705.4	942.7
4013.2	70°	3686.3	3359.4	3053.4	2747.3	2736.6	2725.9	2459.3	2192.7	1471.8	750.9
3460.3	72.5°	3215.5	2970.7	2731.2	2491.7	2484.1	2476.4	2170.4	1864.5	1218.5	572.5
2856.7	75°	2684.4	2512.1	2325.7	2139.4	2111.0	2082.6	1766.0	1449.3	928.2	407.0
2235.8	77.5°	2113.5	1991.3	1849.7	1708.0	1667.3	1626.7	1331.1	1035.5	649.6	263.8
1618.4	80°	1554.3	1490.1	1383.1	1276.2	1225.6	1175.0	926.4	677.7	418.6	159.4
1047.8	82.5°	1021.0	994.2	920.6	847.0	790.5	734.0	564.0	394.0	242.2	90.5
601.2	85°	586.0	570.8	510.4	449.9	401.8	353.8	263.6	173.3	109.0	44.6
231.0	87.5°	229.7	228.4	198.2	167.9	141.1	114.3	84.0	53.7	35.7	17.7
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: P944945  
 CATALOG NUMBER: GALN-SB1A-750-U-SLL

**CANDELA DISTRIBUTION (continued):**

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
650.4	0°	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4
683.0	2.5°	677.3	671.6	665.8	660.3	654.9	649.5	643.6	638.8	634.1	629.8
716.6	5°	704.8	692.9	681.0	669.9	658.8	648.3	637.9	628.9	619.8	612.3
747.9	7.5°	729.8	712.2	694.6	679.1	663.6	649.3	635.9	623.9	611.9	601.9
772.2	10°	748.4	727.0	705.6	687.3	668.9	651.3	636.9	624.2	611.5	601.5
789.0	12.5°	762.0	736.8	711.6	690.8	670.1	651.5	638.1	627.8	617.4	610.8
799.5	15°	770.2	741.1	712.1	688.1	664.1	643.6	632.8	627.9	622.9	623.8
804.5	17.5°	772.5	738.8	705.1	676.2	647.4	623.2	616.6	618.4	620.2	631.1
808.5	20°	773.3	732.4	691.6	655.8	620.0	591.9	590.1	598.6	607.1	626.0
813.7	22.5°	774.3	724.6	674.9	631.8	588.7	556.7	560.1	572.7	585.2	606.8
823.3	25°	778.2	716.9	655.5	605.0	554.6	521.8	531.0	545.5	559.9	579.3
838.3	27.5°	786.4	711.7	636.9	580.6	524.2	494.3	505.5	519.5	533.5	549.4
857.7	30°	797.7	709.3	620.8	560.1	499.4	474.3	483.1	494.2	505.4	518.6
877.9	32.5°	807.5	706.3	605.0	542.4	479.8	459.6	463.5	470.1	476.7	487.2
901.0	35°	814.6	700.6	586.7	525.1	463.5	446.6	445.0	446.8	448.6	456.7
926.8	37.5°	818.8	691.0	563.1	504.7	446.3	431.5	425.6	423.6	421.6	427.4
959.6	40°	821.5	677.7	533.9	480.3	426.8	413.4	404.3	399.8	395.3	399.5
1002.5	42.5°	826.6	663.9	501.4	453.4	405.5	393.2	381.7	375.7	369.8	373.2
1059.0	45°	835.5	651.2	466.9	424.9	382.9	370.4	359.3	353.4	347.6	350.5
1119.1	47.5°	841.6	640.7	439.7	402.3	364.9	348.8	339.2	334.3	329.5	332.1
1174.9	50°	837.6	629.2	420.7	387.3	353.9	332.7	321.6	317.2	312.9	317.1
1211.2	52.5°	813.0	609.8	406.6	377.4	348.3	324.0	308.4	304.1	299.9	306.2
1203.2	55°	762.2	577.6	393.0	370.3	347.5	324.8	301.4	294.7	287.9	296.9
1147.0	57.5°	686.7	532.3	377.9	361.8	345.7	325.7	297.3	287.4	277.5	287.1
1042.4	60°	585.5	473.5	361.4	348.8	336.1	323.0	293.3	280.5	267.7	276.1
900.9	62.5°	471.4	403.0	334.6	326.2	317.8	316.2	288.7	272.7	256.7	262.1
756.6	65°	371.6	339.7	307.7	303.8	299.8	300.0	279.0	262.0	245.0	247.0
615.3	67.5°	287.8	278.8	269.7	271.9	274.1	273.5	261.8	247.6	233.4	232.8
484.4	70°	218.0	220.6	223.2	233.5	243.7	243.7	239.9	229.8	219.7	217.4
370.4	72.5°	168.2	176.0	183.8	198.4	212.9	215.4	215.4	208.5	201.6	198.3
268.8	75°	130.6	137.7	144.8	161.1	177.4	188.7	187.7	182.4	177.1	173.9
182.1	77.5°	100.5	105.3	110.2	126.0	141.9	160.5	160.0	155.7	151.4	148.3
117.4	80°	75.4	77.4	79.4	92.8	106.2	128.4	128.3	124.8	121.2	118.5
72.2	82.5°	53.9	54.2	54.6	64.5	74.4	93.3	94.4	92.6	90.9	89.0
38.6	85°	32.6	32.4	32.2	39.4	46.7	60.8	62.1	60.3	58.4	56.3
16.0	87.5°	14.3	14.1	13.9	16.9	19.8	25.7	27.5	26.7	26.0	25.6
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: P944945  
 CATALOG NUMBER: GALN-SB1A-750-U-SLL

**CANDELA DISTRIBUTION (continued):**

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
650.4	0°	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4
625.5	2.5°	621.7	617.9	614.1	610.4	607.4	604.5	602.1	599.8	597.9	596.1
604.7	5°	598.0	591.3	585.2	579.2	574.5	569.8	566.5	563.3	560.9	558.6
591.9	7.5°	583.5	575.0	567.6	560.2	554.6	549.1	545.2	541.3	538.6	536.0
591.6	10°	582.5	573.4	565.1	556.7	550.1	543.4	539.1	534.7	532.1	529.6
604.2	12.5°	597.1	590.0	581.3	572.7	564.2	555.7	550.1	544.5	541.6	538.9
624.7	15°	622.9	621.0	613.5	606.0	593.9	581.8	573.3	564.8	560.8	556.9
642.0	17.5°	647.8	653.5	647.5	641.4	625.4	609.4	596.9	584.3	578.5	572.7
644.9	20°	657.0	669.1	666.3	663.5	645.2	627.0	611.5	596.1	588.7	581.3
628.4	22.5°	644.2	659.9	661.6	663.3	645.8	628.3	612.5	596.6	588.7	580.9
598.8	25°	614.3	629.8	635.5	641.3	627.0	612.7	598.6	584.5	577.7	570.9
565.4	27.5°	577.8	590.2	596.7	603.1	592.9	582.7	571.8	560.8	556.3	551.7
531.8	30°	542.1	552.5	557.7	562.9	555.2	547.4	539.6	531.7	529.3	527.0
497.8	32.5°	507.7	517.6	523.4	529.2	522.1	514.9	508.7	502.4	500.9	499.4
464.7	35°	474.5	484.3	491.3	498.3	493.2	488.1	482.3	476.6	474.3	472.0
433.2	37.5°	442.9	452.7	461.3	470.0	467.6	465.3	460.0	454.6	450.4	446.2
403.6	40°	413.1	422.5	432.4	442.4	443.0	443.5	439.0	434.5	428.3	422.2
376.6	42.5°	385.5	394.5	405.2	415.9	418.8	421.7	417.9	414.1	406.4	398.8
353.4	45°	361.8	370.3	381.5	392.6	396.7	400.8	397.4	394.0	385.3	376.6
334.8	47.5°	343.1	351.4	362.4	373.4	378.1	382.9	380.5	378.1	370.3	362.6
321.3	50°	329.2	337.0	346.8	356.7	362.7	368.8	368.7	368.6	362.4	356.2
312.5	52.5°	319.7	326.8	336.0	345.2	352.4	359.6	360.9	362.2	357.2	352.1
305.8	55°	313.5	321.3	329.3	337.3	344.9	352.6	354.4	356.2	351.8	347.4
296.8	57.5°	305.8	314.9	322.9	330.8	338.5	346.2	348.0	349.9	345.4	341.0
284.6	60°	295.0	305.4	313.5	321.6	329.3	337.1	339.1	341.1	336.7	332.4
267.4	62.5°	279.6	291.8	300.4	309.0	316.1	323.2	325.1	327.0	323.1	319.2
249.1	65°	262.1	275.2	283.4	291.6	297.9	304.1	306.1	308.0	304.3	300.5
232.1	67.5°	244.1	256.2	264.0	271.8	277.2	282.6	284.5	286.4	282.9	279.5
215.2	70°	225.8	236.4	243.1	249.8	254.7	259.6	261.4	263.3	260.4	257.6
195.0	72.5°	203.4	211.7	217.8	223.9	228.6	233.4	235.6	237.8	235.5	233.1
170.8	75°	177.0	183.1	188.7	194.2	198.5	202.9	205.2	207.5	206.3	205.2
145.1	77.5°	150.1	155.1	159.9	164.6	169.2	173.7	175.9	178.0	176.4	174.8
115.8	80°	120.0	124.2	128.2	132.2	135.6	139.1	141.9	144.8	144.1	143.4
87.1	82.5°	86.8	86.4	85.0	83.6	91.0	98.4	103.2	108.1	107.8	107.4
54.2	85°	52.4	50.5	46.7	42.8	49.7	56.7	62.6	68.6	68.1	67.6
25.2	87.5°	25.1	25.0	22.1	19.1	22.0	24.9	27.3	29.8	29.2	28.5
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: P944945  
 CATALOG NUMBER: GALN-SB1A-750-U-SLL

**CANDELA DISTRIBUTION (continued):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
650.4	0°	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4
594.4	2.5°	592.6	590.5	592.6	594.4	596.1	597.9	599.8	602.1	604.5	607.4
556.8	5°	555.1	553.3	555.1	556.8	558.6	560.9	563.3	566.5	569.8	574.5
534.4	7.5°	532.8	531.6	532.8	534.4	536.0	538.6	541.3	545.2	549.1	554.6
528.3	10°	526.9	526.4	526.9	528.3	529.6	532.1	534.7	539.1	543.4	550.1
537.7	12.5°	536.6	536.4	536.6	537.7	538.9	541.6	544.5	550.1	555.7	564.2
555.4	15°	554.0	553.8	554.0	555.4	556.9	560.8	564.8	573.3	581.8	593.9
570.8	17.5°	568.9	568.6	568.9	570.8	572.7	578.5	584.3	596.9	609.4	625.4
578.9	20°	576.5	575.8	576.5	578.9	581.3	588.7	596.1	611.5	627.0	645.2
578.3	22.5°	575.7	574.5	575.7	578.3	580.9	588.7	596.6	612.5	628.3	645.8
568.5	25°	566.0	564.6	566.0	568.5	570.9	577.7	584.5	598.6	612.7	627.0
550.6	27.5°	549.5	549.1	549.5	550.6	551.7	556.3	560.8	571.8	582.7	592.9
527.0	30°	527.0	527.4	527.0	527.0	527.0	529.3	531.7	539.6	547.4	555.2
499.6	32.5°	499.8	500.2	499.8	499.6	499.4	500.9	502.4	508.7	514.9	522.1
471.5	35°	471.0	470.7	471.0	471.5	472.0	474.3	476.6	482.3	488.1	493.2
444.0	37.5°	441.8	440.5	441.8	444.0	446.2	450.4	454.6	460.0	465.3	467.6
418.1	40°	414.0	411.6	414.0	418.1	422.2	428.3	434.5	439.0	443.5	443.0
392.8	42.5°	386.8	382.9	386.8	392.8	398.8	406.4	414.1	417.9	421.7	418.8
369.5	45°	362.4	357.9	362.4	369.5	376.6	385.3	394.0	397.4	400.8	396.7
356.1	47.5°	349.5	345.2	349.5	356.1	362.6	370.3	378.1	380.5	382.9	378.1
350.2	50°	344.1	339.9	344.1	350.2	356.2	362.4	368.6	368.7	368.8	362.7
346.7	52.5°	341.3	337.4	341.3	346.7	352.1	357.2	362.2	360.9	359.6	352.4
342.7	55°	337.9	334.4	337.9	342.7	347.4	351.8	356.2	354.4	352.6	344.9
336.3	57.5°	331.6	328.0	331.6	336.3	341.0	345.4	349.9	348.0	346.2	338.5
327.6	60°	322.7	319.0	322.7	327.6	332.4	336.7	341.1	339.1	337.1	329.3
314.1	62.5°	309.0	304.5	309.0	314.1	319.2	323.1	327.0	325.1	323.2	316.1
295.6	65°	290.6	286.8	290.6	295.6	300.5	304.3	308.0	306.1	304.1	297.9
274.9	67.5°	270.3	266.8	270.3	274.9	279.5	282.9	286.4	284.5	282.6	277.2
253.2	70°	248.8	244.8	248.8	253.2	257.6	260.4	263.3	261.4	259.6	254.7
228.9	72.5°	224.8	220.9	224.8	228.9	233.1	235.5	237.8	235.6	233.4	228.6
201.6	75°	198.1	194.4	198.1	201.6	205.2	206.3	207.5	205.2	202.9	198.5
171.2	77.5°	167.7	164.7	167.7	171.2	174.8	176.4	178.0	175.9	173.7	169.2
138.6	80°	133.8	128.3	133.8	138.6	143.4	144.1	144.8	141.9	139.1	135.6
103.4	82.5°	99.4	95.8	99.4	103.4	107.4	107.8	108.1	103.2	98.4	91.0
64.5	85°	61.3	58.2	61.3	64.5	67.6	68.1	68.6	62.6	56.7	49.7
26.9	87.5°	25.3	23.7	25.3	26.9	28.5	29.2	29.8	27.3	24.9	22.0
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: P944945  
 CATALOG NUMBER: GALN-SB1A-750-U-SLL

**CANDELA DISTRIBUTION (continued):**

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
650.4	0°	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4
610.4	2.5°	614.1	617.9	621.7	625.5	629.8	634.1	638.8	643.6	649.5	654.9
579.2	5°	585.2	591.3	598.0	604.7	612.3	619.8	628.9	637.9	648.3	658.8
560.2	7.5°	567.6	575.0	583.5	591.9	601.9	611.9	623.9	635.9	649.3	663.6
556.7	10°	565.1	573.4	582.5	591.6	601.5	611.5	624.2	636.9	651.3	668.9
572.7	12.5°	581.3	590.0	597.1	604.2	610.8	617.4	627.8	638.1	651.5	670.1
606.0	15°	613.5	621.0	622.9	624.7	623.8	622.9	627.9	632.8	643.6	664.1
641.4	17.5°	647.5	653.5	647.8	642.0	631.1	620.2	618.4	616.6	623.2	647.4
663.5	20°	666.3	669.1	657.0	644.9	626.0	607.1	598.6	590.1	591.9	620.0
663.3	22.5°	661.6	659.9	644.2	628.4	606.8	585.2	572.7	560.1	556.7	588.7
641.3	25°	635.5	629.8	614.3	598.8	579.3	559.9	545.5	531.0	521.8	554.6
603.1	27.5°	596.7	590.2	577.8	565.4	549.4	533.5	519.5	505.5	494.3	524.2
562.9	30°	557.7	552.5	542.1	531.8	518.6	505.4	494.2	483.1	474.3	499.4
529.2	32.5°	523.4	517.6	507.7	497.8	487.2	476.7	470.1	463.5	459.6	479.8
498.3	35°	491.3	484.3	474.5	464.7	456.7	448.6	446.8	445.0	446.6	463.5
470.0	37.5°	461.3	452.7	442.9	433.2	427.4	421.6	423.6	425.6	431.5	446.3
442.4	40°	432.4	422.5	413.1	403.6	399.5	395.3	399.8	404.3	413.4	426.8
415.9	42.5°	405.2	394.5	385.5	376.6	373.2	369.8	375.7	381.7	393.2	405.5
392.6	45°	381.5	370.3	361.8	353.4	350.5	347.6	353.4	359.3	370.4	382.9
373.4	47.5°	362.4	351.4	343.1	334.8	332.1	329.5	334.3	339.2	348.8	364.9
356.7	50°	346.8	337.0	329.2	321.3	317.1	312.9	317.2	321.6	332.7	353.9
345.2	52.5°	336.0	326.8	319.7	312.5	306.2	299.9	304.1	308.4	324.0	348.3
337.3	55°	329.3	321.3	313.5	305.8	296.9	287.9	294.7	301.4	324.8	347.5
330.8	57.5°	322.9	314.9	305.8	296.8	287.1	277.5	287.4	297.3	325.7	345.7
321.6	60°	313.5	305.4	295.0	284.6	276.1	267.7	280.5	293.3	323.0	336.1
309.0	62.5°	300.4	291.8	279.6	267.4	262.1	256.7	272.7	288.7	316.2	317.8
291.6	65°	283.4	275.2	262.1	249.1	247.0	245.0	262.0	279.0	300.0	299.8
271.8	67.5°	264.0	256.2	244.1	232.1	232.8	233.4	247.6	261.8	273.5	274.1
249.8	70°	243.1	236.4	225.8	215.2	217.4	219.7	229.8	239.9	243.7	243.7
223.9	72.5°	217.8	211.7	203.4	195.0	198.3	201.6	208.5	215.4	215.4	212.9
194.2	75°	188.7	183.1	177.0	170.8	173.9	177.1	182.4	187.7	188.7	177.4
164.6	77.5°	159.9	155.1	150.1	145.1	148.3	151.4	155.7	160.0	160.5	141.9
132.2	80°	128.2	124.2	120.0	115.8	118.5	121.2	124.8	128.3	128.4	106.2
83.6	82.5°	85.0	86.4	86.8	87.1	89.0	90.9	92.6	94.4	93.3	74.4
42.8	85°	46.7	50.5	52.4	54.2	56.3	58.4	60.3	62.1	60.8	46.7
19.1	87.5°	22.1	25.0	25.1	25.2	25.6	26.0	26.7	27.5	25.7	19.8
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: P944945  
 CATALOG NUMBER: GALN-SB1A-750-U-SLL

**CANDELA DISTRIBUTION (continued):**

325°		330°	335°	340°	345°	350°	355°	360°
650.4	0°	650.4	650.4	650.4	650.4	650.4	650.4	650.4
660.3	2.5°	665.8	671.6	677.3	683.0	688.7	694.1	699.5
669.9	5°	681.0	692.9	704.8	716.6	728.4	740.3	752.1
679.1	7.5°	694.6	712.2	729.8	747.9	765.9	785.5	805.0
687.3	10°	705.6	727.0	748.4	772.2	796.1	820.9	845.6
690.8	12.5°	711.6	736.8	762.0	789.0	816.1	843.2	870.4
688.1	15°	712.1	741.1	770.2	799.5	828.9	857.2	885.5
676.2	17.5°	705.1	738.8	772.5	804.5	836.6	865.3	894.0
655.8	20°	691.6	732.4	773.3	808.5	843.6	873.5	903.4
631.8	22.5°	674.9	724.6	774.3	813.7	853.2	883.7	914.2
605.0	25°	655.5	716.9	778.2	823.3	868.4	898.3	928.2
580.6	27.5°	636.9	711.7	786.4	838.3	890.1	918.7	947.2
560.1	30°	620.8	709.3	797.7	857.7	917.7	945.2	972.8
542.4	32.5°	605.0	706.3	807.5	877.9	948.4	975.7	1003.0
525.1	35°	586.7	700.6	814.6	901.0	987.4	1013.5	1039.6
504.7	37.5°	563.1	691.0	818.8	926.8	1034.8	1068.1	1101.4
480.3	40°	533.9	677.7	821.5	959.6	1097.7	1146.2	1194.8
453.4	42.5°	501.4	663.9	826.6	1002.5	1178.5	1248.5	1318.6
424.9	45°	466.9	651.2	835.5	1059.0	1282.5	1377.0	1471.4
402.3	47.5°	439.7	640.7	841.6	1119.1	1396.7	1529.7	1662.6
387.3	50°	420.7	629.2	837.6	1174.9	1512.3	1712.7	1913.2
377.4	52.5°	406.6	609.8	813.0	1211.2	1609.3	1905.1	2200.8
370.3	55°	393.0	577.6	762.2	1203.2	1644.1	2075.6	2507.1
361.8	57.5°	377.9	532.3	686.7	1147.0	1607.3	2196.4	2785.6
348.8	60°	361.4	473.5	585.5	1042.4	1499.3	2226.6	2954.0
326.2	62.5°	334.6	403.0	471.4	900.9	1330.5	2099.5	2868.5
303.8	65°	307.7	339.7	371.6	756.6	1141.7	1919.6	2697.4
271.9	67.5°	269.7	278.8	287.8	615.3	942.7	1705.4	2468.1
233.5	70°	223.2	220.6	218.0	484.4	750.9	1471.8	2192.7
198.4	72.5°	183.8	176.0	168.2	370.4	572.5	1218.5	1864.5
161.1	75°	144.8	137.7	130.6	268.8	407.0	928.2	1449.3
126.0	77.5°	110.2	105.3	100.5	182.1	263.8	649.6	1035.5
92.8	80°	79.4	77.4	75.4	117.4	159.4	418.6	677.7
64.5	82.5°	54.6	54.2	53.9	72.2	90.5	242.2	394.0
39.4	85°	32.2	32.4	32.6	38.6	44.6	109.0	173.3
16.9	87.5°	13.9	14.1	14.3	16.0	17.7	35.7	53.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)