

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: P944987

Luminaire Tested: **GALN-SB1A-827-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P944987
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-827-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 80 CRI, 2700K, 350mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3888 lumens
Efficiency: N/A
Efficacy: 125.8 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

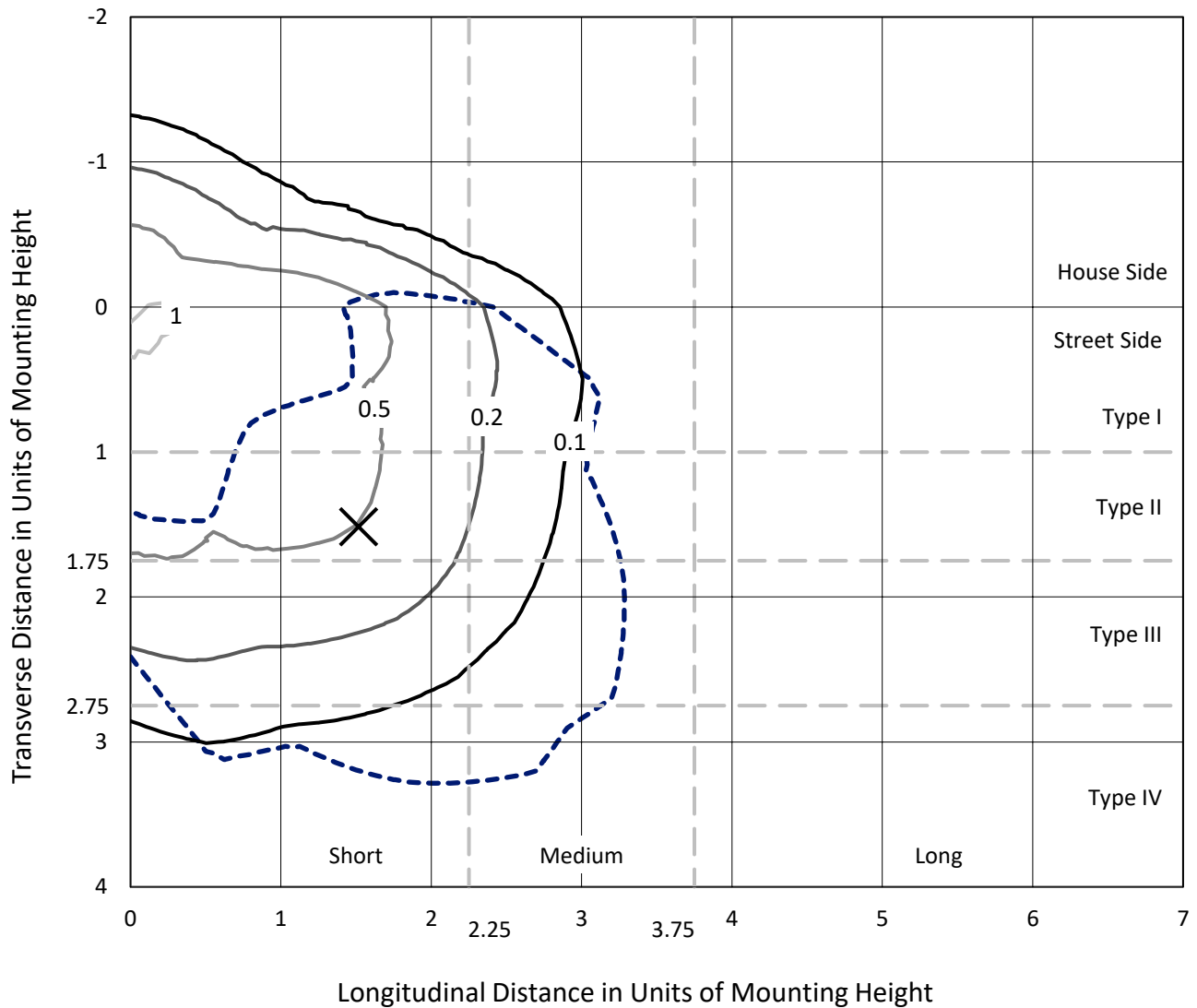
Input Watts (W): 30.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P944987
 CATALOG NUMBER: GALN-SB1A-827-U-SLL

Iso-Footcandle Lines of Horizontal Illumination

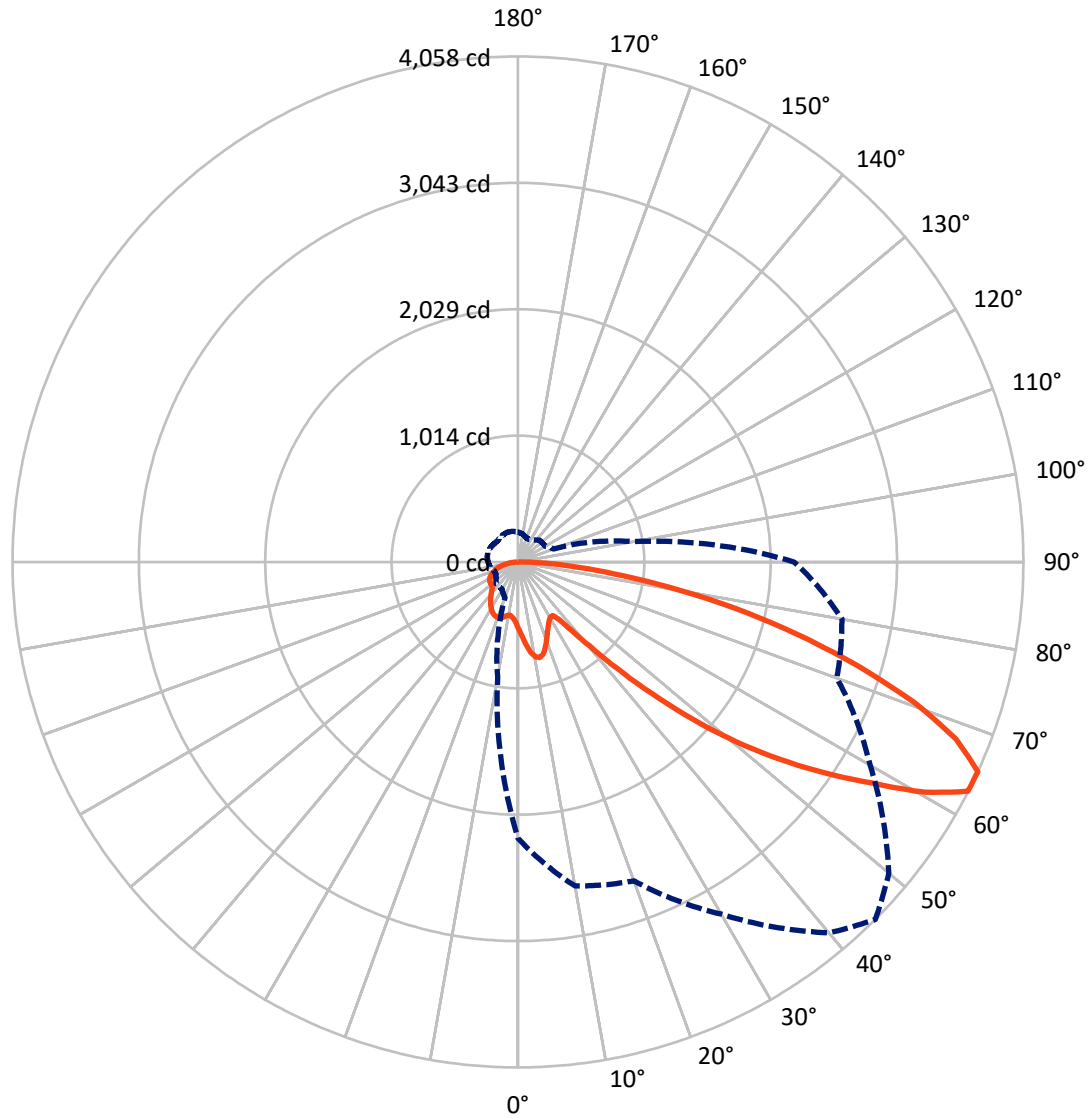
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.2 fc
 Type IV - Short - N/A

REPORT NUMBER: P944987
CATALOG NUMBER: GALN-SB1A-827-U-SLL

Luminous Intensity Polar Plot



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

REPORT NUMBER: P944987

CATALOG NUMBER: GALN-SB1A-827-U-SLL

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	988.1	0.0	988.1
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	2899.9	0.0	2899.9
	% Fixture	74.6	0.0	74.6
Total	Lumens	3888.0	0.0	3888.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.0	1.4
10°-20°	166.5	4.3
20°-30°	257.2	6.6
30°-40°	325.9	8.4
40°-50°	491.5	12.6
50°-60°	794.1	20.4
60°-70°	990.0	25.5
70°-80°	649.2	16.7
80°-90°	160.5	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°	3888.0	100.0
0°-180°	3888.0	100.0



REPORT NUMBER: P944987

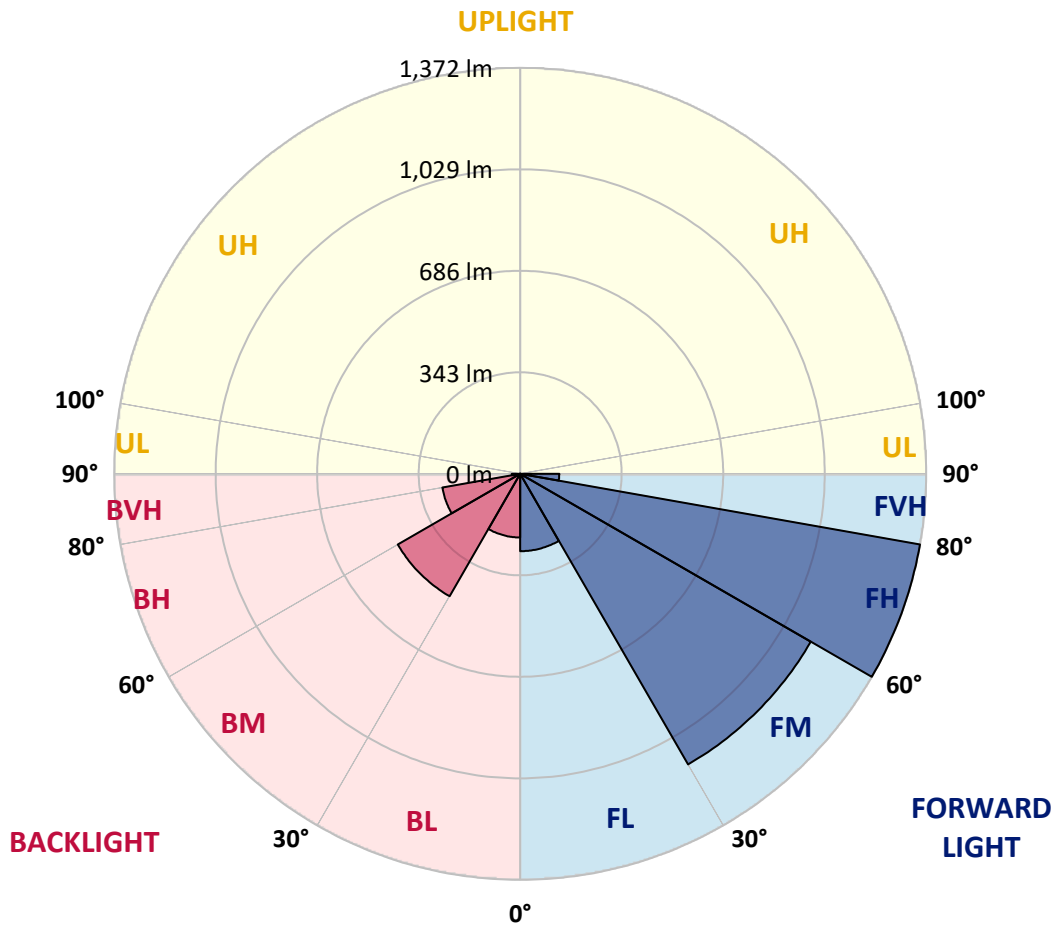
CATALOG NUMBER: GALN-SB1A-827-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	261.5	6.7			
FM (30°-60°)	1134.0	29.2			
FH (60°-80°)	1372.1	35.3			G1/1800
FVH (80°-90°)	132.2	3.4			G2/225
BL (0°-30°)	215.2	5.5	B1/500		
BM (30°-60°)	477.5	12.3	B1/1000		
BH (60°-80°)	267.1	6.9	B1/500		G1/500
BVH (80°-90°)	28.3	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: P944987

CATALOG NUMBER: GALN-SB1A-827-U-SLL

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	534.6	534.6	534.6	534.6	534.6	534.6	534.6	534.6	534.6	534.6
2.5°	574.9	577.1	579.3	582.4	585.5	587.4	589.2	590.1	591.1	590.6
5°	618.2	625.8	633.5	641.0	648.6	652.7	656.8	659.3	661.8	663.7
7.5°	661.7	674.1	686.5	697.6	708.8	715.5	722.2	725.8	729.4	731.2
10°	695.1	709.7	724.4	737.4	750.5	758.4	766.3	769.8	773.3	774.7
12.5°	715.5	731.4	747.2	759.0	770.8	776.6	782.3	784.2	786.2	786.4
15°	727.9	741.6	755.3	762.7	770.1	770.3	770.5	768.5	766.4	764.0
17.5°	734.9	744.1	753.4	753.5	753.6	745.3	737.0	729.4	721.8	716.4
20°	742.6	745.8	749.0	739.3	729.5	711.2	692.8	679.5	666.1	657.9
22.5°	751.5	747.3	743.0	722.8	702.7	675.7	648.7	632.0	615.3	606.2
25°	763.0	749.6	736.3	705.7	675.0	642.2	609.5	591.9	574.4	565.8
27.5°	778.6	754.7	730.9	690.3	649.7	613.4	577.1	559.8	542.5	534.4
30°	799.6	764.0	728.5	678.5	628.6	590.7	552.9	536.9	520.8	513.3
32.5°	824.4	775.7	727.1	670.5	614.0	578.4	542.9	530.3	517.7	512.3
35°	854.6	795.0	735.4	676.5	617.6	592.9	568.2	565.3	562.4	561.9
37.5°	905.3	835.3	765.2	711.6	658.1	656.5	654.9	668.3	681.7	688.7
40°	982.1	905.9	829.6	789.8	750.0	778.1	806.2	838.8	871.5	887.7
42.5°	1083.8	1008.2	932.6	909.7	886.7	948.0	1009.3	1068.7	1128.0	1162.8
45°	1209.5	1141.6	1073.6	1063.5	1053.4	1151.6	1249.8	1347.3	1444.8	1504.0
47.5°	1366.6	1300.6	1234.5	1232.4	1230.4	1372.0	1513.7	1656.4	1799.1	1882.9
50°	1572.6	1491.0	1409.4	1409.7	1410.1	1592.7	1775.2	1963.6	2152.0	2265.9
52.5°	1809.1	1710.2	1611.4	1601.4	1591.4	1809.5	2027.6	2260.7	2493.8	2630.3
55°	2060.8	1963.1	1865.5	1826.5	1787.6	2030.3	2273.0	2550.9	2828.8	2991.2
57.5°	2289.7	2236.6	2183.4	2105.2	2027.1	2272.2	2517.3	2832.0	3146.8	3348.1
60°	2428.1	2510.7	2593.3	2496.3	2399.2	2631.2	2863.1	3200.1	3537.1	3754.7
62.5°	2357.8	2583.5	2809.2	2798.3	2787.3	2999.8	3212.3	3532.9	3853.5	4054.7
65°	2217.2	2429.0	2640.9	2682.8	2724.7	2994.7	3264.7	3575.6	3886.5	4057.8
67.5°	2028.8	2230.2	2431.7	2451.4	2471.0	2752.3	3033.7	3345.9	3658.1	3792.3
70°	1802.4	2021.5	2240.7	2249.4	2258.2	2509.8	2761.4	3030.1	3298.8	3373.4
72.5°	1532.6	1784.1	2035.5	2041.9	2048.2	2245.0	2441.9	2643.1	2844.3	2851.9
75°	1191.3	1451.6	1711.9	1735.2	1758.6	1911.7	2064.9	2206.5	2348.2	2310.2
77.5°	851.2	1094.1	1337.1	1370.5	1404.0	1520.4	1636.8	1737.3	1837.8	1772.5
80°	557.1	761.5	965.9	1007.4	1049.0	1136.9	1224.8	1277.6	1330.3	1225.4
82.5°	323.8	463.6	603.3	649.7	696.2	756.7	817.2	839.2	861.2	778.8
85°	142.5	216.6	290.8	330.3	369.8	419.5	469.2	481.7	494.2	428.2
87.5°	44.1	69.0	94.0	116.0	138.0	162.9	187.8	188.8	189.9	159.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P944987
 CATALOG NUMBER: GALN-SB1A-827-U-SLL

CANDELA DISTRIBUTION (continued):

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
534.6	0°	534.6	534.6	534.6	534.6	534.6	534.6	534.6	534.6	534.6	534.6
591.1	2.5°	590.1	589.2	587.4	585.5	582.4	579.3	577.1	574.9	570.5	566.1
661.8	5°	659.3	656.8	652.7	648.6	641.0	633.5	625.8	618.2	608.5	598.7
729.4	7.5°	725.8	722.2	715.5	708.8	697.6	686.5	674.1	661.7	645.6	629.6
773.3	10°	769.8	766.3	758.4	750.5	737.4	724.4	709.7	695.1	674.7	654.4
786.2	12.5°	784.2	782.3	776.6	770.8	759.0	747.2	731.4	715.5	693.1	670.8
766.4	15°	768.5	770.5	770.3	770.1	762.7	755.3	741.6	727.9	704.6	681.3
721.8	17.5°	729.4	737.0	745.3	753.6	753.5	753.4	744.1	734.9	711.3	687.6
666.1	20°	679.5	692.8	711.2	729.5	739.3	749.0	745.8	742.6	718.0	693.5
615.3	22.5°	632.0	648.7	675.7	702.7	722.8	743.0	747.3	751.5	726.4	701.3
574.4	25°	591.9	609.5	642.2	675.0	705.7	736.3	749.6	763.0	738.4	713.8
542.5	27.5°	559.8	577.1	613.4	649.7	690.3	730.9	754.7	778.6	755.1	731.7
520.8	30°	536.9	552.9	590.7	628.6	678.5	728.5	764.0	799.6	776.9	754.3
517.7	32.5°	530.3	542.9	578.4	614.0	670.5	727.1	775.7	824.4	802.0	779.6
562.4	35°	565.3	568.2	592.9	617.6	676.5	735.4	795.0	854.6	833.1	811.6
681.7	37.5°	668.3	654.9	656.5	658.1	711.6	765.2	835.3	905.3	878.0	850.6
871.5	40°	838.8	806.2	778.1	750.0	789.8	829.6	905.9	982.1	942.2	902.3
1128.0	42.5°	1068.7	1009.3	948.0	886.7	909.7	932.6	1008.2	1083.8	1026.3	968.7
1444.8	45°	1347.3	1249.8	1151.6	1053.4	1063.5	1073.6	1141.6	1209.5	1131.8	1054.2
1799.1	47.5°	1656.4	1513.7	1372.0	1230.4	1232.4	1234.5	1300.6	1366.6	1257.4	1148.0
2152.0	50°	1963.6	1775.2	1592.7	1410.1	1409.7	1409.4	1491.0	1572.6	1407.9	1243.1
2493.8	52.5°	2260.7	2027.6	1809.5	1591.4	1601.4	1611.4	1710.2	1809.1	1565.9	1322.8
2828.8	55°	2550.9	2273.0	2030.3	1787.6	1826.5	1865.5	1963.1	2060.8	1706.1	1351.5
3146.8	57.5°	2832.0	2517.3	2272.2	2027.1	2105.2	2183.4	2236.6	2289.7	1805.4	1321.2
3537.1	60°	3200.1	2863.1	2631.2	2399.2	2496.3	2593.3	2510.7	2428.1	1830.3	1232.4
3853.5	62.5°	3532.9	3212.3	2999.8	2787.3	2798.3	2809.2	2583.5	2357.8	1725.7	1093.6
3886.5	65°	3575.6	3264.7	2994.7	2724.7	2682.8	2640.9	2429.0	2217.2	1577.8	938.5
3658.1	67.5°	3345.9	3033.7	2752.3	2471.0	2451.4	2431.7	2230.2	2028.8	1401.8	774.9
3298.8	70°	3030.1	2761.4	2509.8	2258.2	2249.4	2240.7	2021.5	1802.4	1209.8	617.2
2844.3	72.5°	2643.1	2441.9	2245.0	2048.2	2041.9	2035.5	1784.1	1532.6	1001.6	470.6
2348.2	75°	2206.5	2064.9	1911.7	1758.6	1735.2	1711.9	1451.6	1191.3	763.0	334.6
1837.8	77.5°	1737.3	1636.8	1520.4	1404.0	1370.5	1337.1	1094.1	851.2	534.0	216.8
1330.3	80°	1277.6	1224.8	1136.9	1049.0	1007.4	965.9	761.5	557.1	344.0	131.0
861.2	82.5°	839.2	817.2	756.7	696.2	649.7	603.3	463.6	323.8	199.1	74.4
494.2	85°	481.7	469.2	419.5	369.8	330.3	290.8	216.6	142.5	89.6	36.7
189.9	87.5°	188.8	187.8	162.9	138.0	116.0	94.0	69.0	44.1	29.3	14.6
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: P944987
 CATALOG NUMBER: GALN-SB1A-827-U-SLL

CANDELA DISTRIBUTION (continued):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
534.6	0°	534.6	534.6	534.6	534.6	534.6	534.6	534.6	534.6	534.6	534.6
561.4	2.5°	556.7	552.0	547.3	542.8	538.3	533.9	529.1	525.1	521.2	517.6
589.0	5°	579.3	569.5	559.8	550.6	541.5	532.9	524.4	516.9	509.5	503.3
614.7	7.5°	599.9	585.4	570.9	558.2	545.5	533.7	522.7	512.8	502.9	494.7
634.8	10°	615.2	597.6	580.0	565.0	549.9	535.4	523.5	513.1	502.7	494.5
648.6	12.5°	626.3	605.6	584.9	567.8	550.8	535.6	524.5	516.0	507.5	502.1
657.2	15°	633.1	609.2	585.3	565.6	545.9	529.0	520.2	516.1	512.0	512.8
661.3	17.5°	635.0	607.3	579.6	555.9	532.1	512.3	506.8	508.3	509.8	518.8
664.5	20°	635.6	602.0	568.5	539.1	509.6	486.5	485.1	492.1	499.0	514.6
668.9	22.5°	636.4	595.6	554.8	519.3	483.9	457.6	460.4	470.7	481.0	498.8
676.8	25°	639.7	589.2	538.8	497.3	455.9	428.9	436.5	448.4	460.3	476.2
689.1	27.5°	646.4	585.0	523.6	477.2	430.9	406.3	415.5	427.0	438.5	451.6
705.0	30°	655.7	583.0	510.3	460.4	410.5	389.9	397.1	406.2	415.4	426.3
721.7	32.5°	663.7	580.5	497.3	445.9	394.4	377.8	381.0	386.4	391.8	400.5
740.6	35°	669.6	575.9	482.3	431.6	381.0	367.1	365.8	367.3	368.8	375.4
761.8	37.5°	673.1	568.0	462.9	414.8	366.8	354.7	349.8	348.2	346.5	351.3
788.8	40°	675.3	557.0	438.8	394.8	350.8	339.8	332.4	328.6	324.9	328.4
824.1	42.5°	679.4	545.8	412.1	372.7	333.3	323.2	313.8	308.9	303.9	306.7
870.5	45°	686.8	535.3	383.8	349.3	314.7	304.4	295.3	290.5	285.7	288.1
919.9	47.5°	691.8	526.6	361.4	330.7	299.9	286.7	278.8	274.8	270.8	273.0
965.8	50°	688.5	517.2	345.9	318.4	290.9	273.5	264.3	260.8	257.2	260.7
995.6	52.5°	668.3	501.2	334.2	310.2	286.3	266.3	253.5	250.0	246.5	251.7
989.0	55°	626.5	474.8	323.1	304.3	285.6	267.0	247.8	242.2	236.6	244.0
942.8	57.5°	564.5	437.6	310.6	297.4	284.1	267.7	244.3	236.2	228.1	236.0
856.8	60°	481.3	389.2	297.1	286.7	276.3	265.5	241.1	230.6	220.0	227.0
740.6	62.5°	387.5	331.3	275.1	268.2	261.3	259.9	237.3	224.2	211.0	215.4
621.9	65°	305.4	279.2	253.0	249.7	246.4	246.6	229.4	215.4	201.4	203.1
505.7	67.5°	236.6	229.1	221.7	223.5	225.3	224.8	215.2	203.5	191.9	191.3
398.2	70°	179.2	181.3	183.4	191.9	200.3	200.3	197.2	188.9	180.6	178.7
304.4	72.5°	138.2	144.7	151.1	163.1	175.0	177.0	177.1	171.4	165.7	163.0
221.0	75°	107.3	113.2	119.0	132.4	145.8	155.1	154.3	149.9	145.6	143.0
149.7	77.5°	82.6	86.6	90.6	103.6	116.6	131.9	131.5	128.0	124.5	121.9
96.5	80°	62.0	63.6	65.2	76.3	87.3	105.6	105.5	102.6	99.6	97.4
59.3	82.5°	44.3	44.6	44.9	53.0	61.1	76.7	77.6	76.2	74.7	73.2
31.7	85°	26.8	26.6	26.5	32.4	38.4	50.0	51.1	49.5	48.0	46.3
13.2	87.5°	11.7	11.6	11.4	13.9	16.3	21.1	22.6	22.0	21.3	21.0
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: P944987
 CATALOG NUMBER: GALN-SB1A-827-U-SLL

CANDELA DISTRIBUTION (continued):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
534.6	0°	534.6	534.6	534.6	534.6	534.6	534.6	534.6	534.6	534.6	534.6
514.1	2.5°	511.0	507.9	504.8	501.7	499.3	496.9	494.9	493.0	491.5	490.0
497.0	5°	491.6	486.1	481.1	476.1	472.2	468.4	465.7	463.0	461.1	459.2
486.5	7.5°	479.6	472.7	466.6	460.5	455.9	451.3	448.1	444.9	442.7	440.6
486.3	10°	478.8	471.3	464.5	457.6	452.1	446.7	443.1	439.5	437.4	435.3
496.6	12.5°	490.8	484.9	477.8	470.7	463.8	456.8	452.2	447.5	445.2	442.9
513.5	15°	512.0	510.5	504.3	498.1	488.2	478.3	471.2	464.2	461.0	457.8
527.7	17.5°	532.5	537.2	532.2	527.2	514.1	500.9	490.6	480.3	475.5	470.7
530.1	20°	540.1	550.0	547.7	545.4	530.4	515.3	502.7	490.0	483.9	477.8
516.5	22.5°	529.5	542.4	543.8	545.2	530.8	516.5	503.4	490.4	483.9	477.5
492.2	25°	504.9	517.6	522.4	527.1	515.4	503.6	492.0	480.4	474.9	469.3
464.7	27.5°	474.9	485.2	490.4	495.8	487.4	479.0	470.0	461.0	457.2	453.5
437.1	30°	445.6	454.1	458.4	462.7	456.3	449.9	443.5	437.0	435.1	433.2
409.2	32.5°	417.3	425.5	430.2	435.0	429.2	423.3	418.1	413.0	411.7	410.5
382.0	35°	390.0	398.1	403.8	409.6	405.4	401.2	396.5	391.7	389.8	387.9
356.0	37.5°	364.1	372.1	379.2	386.3	384.4	382.4	378.1	373.7	370.2	366.8
331.8	40°	339.5	347.3	355.5	363.6	364.1	364.6	360.8	357.1	352.1	347.1
309.5	42.5°	316.9	324.2	333.1	341.9	344.2	346.6	343.5	340.4	334.1	327.8
290.5	45°	297.4	304.4	313.6	322.7	326.1	329.5	326.6	323.8	316.7	309.5
275.2	47.5°	282.0	288.9	297.9	306.9	310.8	314.7	312.7	310.8	304.4	298.0
264.1	50°	270.6	277.0	285.1	293.2	298.2	303.2	303.1	303.0	297.9	292.8
256.9	52.5°	262.8	268.7	276.2	283.7	289.7	295.6	296.7	297.7	293.6	289.4
251.4	55°	257.7	264.1	270.7	277.3	283.5	289.8	291.3	292.8	289.2	285.6
243.9	57.5°	251.4	258.9	265.4	271.9	278.3	284.6	286.1	287.6	283.9	280.3
233.9	60°	242.5	251.1	257.7	264.3	270.7	277.1	278.7	280.3	276.8	273.2
219.8	62.5°	229.8	239.8	246.9	254.0	259.8	265.6	267.2	268.8	265.6	262.4
204.7	65°	215.5	226.2	233.0	239.7	244.9	250.0	251.6	253.2	250.1	247.0
190.8	67.5°	200.7	210.6	217.0	223.4	227.8	232.3	233.9	235.4	232.6	229.7
176.9	70°	185.6	194.3	199.8	205.4	209.4	213.4	214.9	216.4	214.1	211.8
160.3	72.5°	167.2	174.0	179.0	184.0	187.9	191.9	193.7	195.5	193.5	191.6
140.4	75°	145.5	150.5	155.1	159.6	163.2	166.7	168.6	170.5	169.6	168.6
119.2	77.5°	123.4	127.5	131.4	135.3	139.1	142.8	144.6	146.3	145.0	143.6
95.2	80°	98.6	102.1	105.3	108.6	111.5	114.3	116.7	119.0	118.4	117.9
71.6	82.5°	71.3	71.0	69.9	68.7	74.8	80.9	84.9	88.8	88.6	88.3
44.5	85°	43.0	41.5	38.4	35.2	40.9	46.6	51.5	56.4	56.0	55.6
20.7	87.5°	20.6	20.6	18.1	15.7	18.1	20.5	22.5	24.5	24.0	23.4
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: P944987
 CATALOG NUMBER: GALN-SB1A-827-U-SLL

CANDELA DISTRIBUTION (continued):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
534.6	0°	534.6	534.6	534.6	534.6	534.6	534.6	534.6	534.6	534.6	534.6
488.6	2.5°	487.1	485.4	487.1	488.6	490.0	491.5	493.0	494.9	496.9	499.3
457.7	5°	456.3	454.8	456.3	457.7	459.2	461.1	463.0	465.7	468.4	472.2
439.3	7.5°	438.0	437.0	438.0	439.3	440.6	442.7	444.9	448.1	451.3	455.9
434.2	10°	433.1	432.7	433.1	434.2	435.3	437.4	439.5	443.1	446.7	452.1
442.0	12.5°	441.0	440.9	441.0	442.0	442.9	445.2	447.5	452.2	456.8	463.8
456.6	15°	455.3	455.2	455.3	456.6	457.8	461.0	464.2	471.2	478.3	488.2
469.2	17.5°	467.6	467.3	467.6	469.2	470.7	475.5	480.3	490.6	500.9	514.1
475.9	20°	473.9	473.3	473.9	475.9	477.8	483.9	490.0	502.7	515.3	530.4
475.3	22.5°	473.2	472.3	473.2	475.3	477.5	483.9	490.4	503.4	516.5	530.8
467.3	25°	465.3	464.1	465.3	467.3	469.3	474.9	480.4	492.0	503.6	515.4
452.6	27.5°	451.6	451.3	451.6	452.6	453.5	457.2	461.0	470.0	479.0	487.4
433.2	30°	433.2	433.5	433.2	433.2	433.2	435.1	437.0	443.5	449.9	456.3
410.6	32.5°	410.8	411.1	410.8	410.6	410.5	411.7	413.0	418.1	423.3	429.2
387.5	35°	387.1	386.9	387.1	387.5	387.9	389.8	391.7	396.5	401.2	405.4
364.9	37.5°	363.1	362.1	363.1	364.9	366.8	370.2	373.7	378.1	382.4	384.4
343.7	40°	340.3	338.3	340.3	343.7	347.1	352.1	357.1	360.8	364.6	364.1
322.9	42.5°	317.9	314.7	317.9	322.9	327.8	334.1	340.4	343.5	346.6	344.2
303.7	45°	297.9	294.2	297.9	303.7	309.5	316.7	323.8	326.6	329.5	326.1
292.7	47.5°	287.3	283.7	287.3	292.7	298.0	304.4	310.8	312.7	314.7	310.8
287.8	50°	282.9	279.4	282.9	287.8	292.8	297.9	303.0	303.1	303.2	298.2
285.0	52.5°	280.5	277.4	280.5	285.0	289.4	293.6	297.7	296.7	295.6	289.7
281.7	55°	277.8	274.9	277.8	281.7	285.6	289.2	292.8	291.3	289.8	283.5
276.4	57.5°	272.5	269.6	272.5	276.4	280.3	283.9	287.6	286.1	284.6	278.3
269.2	60°	265.3	262.2	265.3	269.2	273.2	276.8	280.3	278.7	277.1	270.7
258.2	62.5°	254.0	250.3	254.0	258.2	262.4	265.6	268.8	267.2	265.6	259.8
242.9	65°	238.9	235.7	238.9	242.9	247.0	250.1	253.2	251.6	250.0	244.9
226.0	67.5°	222.2	219.3	222.2	226.0	229.7	232.6	235.4	233.9	232.3	227.8
208.2	70°	204.5	201.3	204.5	208.2	211.8	214.1	216.4	214.9	213.4	209.4
188.2	72.5°	184.7	181.6	184.7	188.2	191.6	193.5	195.5	193.7	191.9	187.9
165.7	75°	162.9	159.8	162.9	165.7	168.6	169.6	170.5	168.6	166.7	163.2
140.7	77.5°	137.8	135.4	137.8	140.7	143.6	145.0	146.3	144.6	142.8	139.1
113.9	80°	110.0	105.4	110.0	113.9	117.9	118.4	119.0	116.7	114.3	111.5
85.0	82.5°	81.7	78.8	81.7	85.0	88.3	88.6	88.8	84.9	80.9	74.8
53.0	85°	50.4	47.8	50.4	53.0	55.6	56.0	56.4	51.5	46.6	40.9
22.1	87.5°	20.8	19.5	20.8	22.1	23.4	24.0	24.5	22.5	20.5	18.1
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: P944987
 CATALOG NUMBER: GALN-SB1A-827-U-SLL

CANDELA DISTRIBUTION (continued):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
534.6	0°	534.6	534.6	534.6	534.6	534.6	534.6	534.6	534.6	534.6	534.6
501.7	2.5°	504.8	507.9	511.0	514.1	517.6	521.2	525.1	529.1	533.9	538.3
476.1	5°	481.1	486.1	491.6	497.0	503.3	509.5	516.9	524.4	532.9	541.5
460.5	7.5°	466.6	472.7	479.6	486.5	494.7	502.9	512.8	522.7	533.7	545.5
457.6	10°	464.5	471.3	478.8	486.3	494.5	502.7	513.1	523.5	535.4	549.9
470.7	12.5°	477.8	484.9	490.8	496.6	502.1	507.5	516.0	524.5	535.6	550.8
498.1	15°	504.3	510.5	512.0	513.5	512.8	512.0	516.1	520.2	529.0	545.9
527.2	17.5°	532.2	537.2	532.5	527.7	518.8	509.8	508.3	506.8	512.3	532.1
545.4	20°	547.7	550.0	540.1	530.1	514.6	499.0	492.1	485.1	486.5	509.6
545.2	22.5°	543.8	542.4	529.5	516.5	498.8	481.0	470.7	460.4	457.6	483.9
527.1	25°	522.4	517.6	504.9	492.2	476.2	460.3	448.4	436.5	428.9	455.9
495.8	27.5°	490.4	485.2	474.9	464.7	451.6	438.5	427.0	415.5	406.3	430.9
462.7	30°	458.4	454.1	445.6	437.1	426.3	415.4	406.2	397.1	389.9	410.5
435.0	32.5°	430.2	425.5	417.3	409.2	400.5	391.8	386.4	381.0	377.8	394.4
409.6	35°	403.8	398.1	390.0	382.0	375.4	368.8	367.3	365.8	367.1	381.0
386.3	37.5°	379.2	372.1	364.1	356.0	351.3	346.5	348.2	349.8	354.7	366.8
363.6	40°	355.5	347.3	339.5	331.8	328.4	324.9	328.6	332.4	339.8	350.8
341.9	42.5°	333.1	324.2	316.9	309.5	306.7	303.9	308.9	313.8	323.2	333.3
322.7	45°	313.6	304.4	297.4	290.5	288.1	285.7	290.5	295.3	304.4	314.7
306.9	47.5°	297.9	288.9	282.0	275.2	273.0	270.8	274.8	278.8	286.7	299.9
293.2	50°	285.1	277.0	270.6	264.1	260.7	257.2	260.8	264.3	273.5	290.9
283.7	52.5°	276.2	268.7	262.8	256.9	251.7	246.5	250.0	253.5	266.3	286.3
277.3	55°	270.7	264.1	257.7	251.4	244.0	236.6	242.2	247.8	267.0	285.6
271.9	57.5°	265.4	258.9	251.4	243.9	236.0	228.1	236.2	244.3	267.7	284.1
264.3	60°	257.7	251.1	242.5	233.9	227.0	220.0	230.6	241.1	265.5	276.3
254.0	62.5°	246.9	239.8	229.8	219.8	215.4	211.0	224.2	237.3	259.9	261.3
239.7	65°	233.0	226.2	215.5	204.7	203.1	201.4	215.4	229.4	246.6	246.4
223.4	67.5°	217.0	210.6	200.7	190.8	191.3	191.9	203.5	215.2	224.8	225.3
205.4	70°	199.8	194.3	185.6	176.9	178.7	180.6	188.9	197.2	200.3	200.3
184.0	72.5°	179.0	174.0	167.2	160.3	163.0	165.7	171.4	177.1	177.0	175.0
159.6	75°	155.1	150.5	145.5	140.4	143.0	145.6	149.9	154.3	155.1	145.8
135.3	77.5°	131.4	127.5	123.4	119.2	121.9	124.5	128.0	131.5	131.9	116.6
108.6	80°	105.3	102.1	98.6	95.2	97.4	99.6	102.6	105.5	105.6	87.3
68.7	82.5°	69.9	71.0	71.3	71.6	73.2	74.7	76.2	77.6	76.7	61.1
35.2	85°	38.4	41.5	43.0	44.5	46.3	48.0	49.5	51.1	50.0	38.4
15.7	87.5°	18.1	20.6	20.6	20.7	21.0	21.3	22.0	22.6	21.1	16.3
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: P944987
 CATALOG NUMBER: GALN-SB1A-827-U-SLL

CANDELA DISTRIBUTION (continued):

325°		330°	335°	340°	345°	350°	355°	360°
534.6	0°	534.6	534.6	534.6	534.6	534.6	534.6	534.6
542.8	2.5°	547.3	552.0	556.7	561.4	566.1	570.5	574.9
550.6	5°	559.8	569.5	579.3	589.0	598.7	608.5	618.2
558.2	7.5°	570.9	585.4	599.9	614.7	629.6	645.6	661.7
565.0	10°	580.0	597.6	615.2	634.8	654.4	674.7	695.1
567.8	12.5°	584.9	605.6	626.3	648.6	670.8	693.1	715.5
565.6	15°	585.3	609.2	633.1	657.2	681.3	704.6	727.9
555.9	17.5°	579.6	607.3	635.0	661.3	687.6	711.3	734.9
539.1	20°	568.5	602.0	635.6	664.5	693.5	718.0	742.6
519.3	22.5°	554.8	595.6	636.4	668.9	701.3	726.4	751.5
497.3	25°	538.8	589.2	639.7	676.8	713.8	738.4	763.0
477.2	27.5°	523.6	585.0	646.4	689.1	731.7	755.1	778.6
460.4	30°	510.3	583.0	655.7	705.0	754.3	776.9	799.6
445.9	32.5°	497.3	580.5	663.7	721.7	779.6	802.0	824.4
431.6	35°	482.3	575.9	669.6	740.6	811.6	833.1	854.6
414.8	37.5°	462.9	568.0	673.1	761.8	850.6	878.0	905.3
394.8	40°	438.8	557.0	675.3	788.8	902.3	942.2	982.1
372.7	42.5°	412.1	545.8	679.4	824.1	968.7	1026.3	1083.8
349.3	45°	383.8	535.3	686.8	870.5	1054.2	1131.8	1209.5
330.7	47.5°	361.4	526.6	691.8	919.9	1148.0	1257.4	1366.6
318.4	50°	345.9	517.2	688.5	965.8	1243.1	1407.9	1572.6
310.2	52.5°	334.2	501.2	668.3	995.6	1322.8	1565.9	1809.1
304.3	55°	323.1	474.8	626.5	989.0	1351.5	1706.1	2060.8
297.4	57.5°	310.6	437.6	564.5	942.8	1321.2	1805.4	2289.7
286.7	60°	297.1	389.2	481.3	856.8	1232.4	1830.3	2428.1
268.2	62.5°	275.1	331.3	387.5	740.6	1093.6	1725.7	2357.8
249.7	65°	253.0	279.2	305.4	621.9	938.5	1577.8	2217.2
223.5	67.5°	221.7	229.1	236.6	505.7	774.9	1401.8	2028.8
191.9	70°	183.4	181.3	179.2	398.2	617.2	1209.8	1802.4
163.1	72.5°	151.1	144.7	138.2	304.4	470.6	1001.6	1532.6
132.4	75°	119.0	113.2	107.3	221.0	334.6	763.0	1191.3
103.6	77.5°	90.6	86.6	82.6	149.7	216.8	534.0	851.2
76.3	80°	65.2	63.6	62.0	96.5	131.0	344.0	557.1
53.0	82.5°	44.9	44.6	44.3	59.3	74.4	199.1	323.8
32.4	85°	26.5	26.6	26.8	31.7	36.7	89.6	142.5
13.9	87.5°	11.4	11.6	11.7	13.2	14.6	29.3	44.1
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)