

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: P945367

Luminaire Tested: **GALN-SB1B-830-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P945367
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-SB1B-830-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 80 CRI, 3000K, 450mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5043 lumens
Efficiency: N/A
Efficacy: 126.7 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

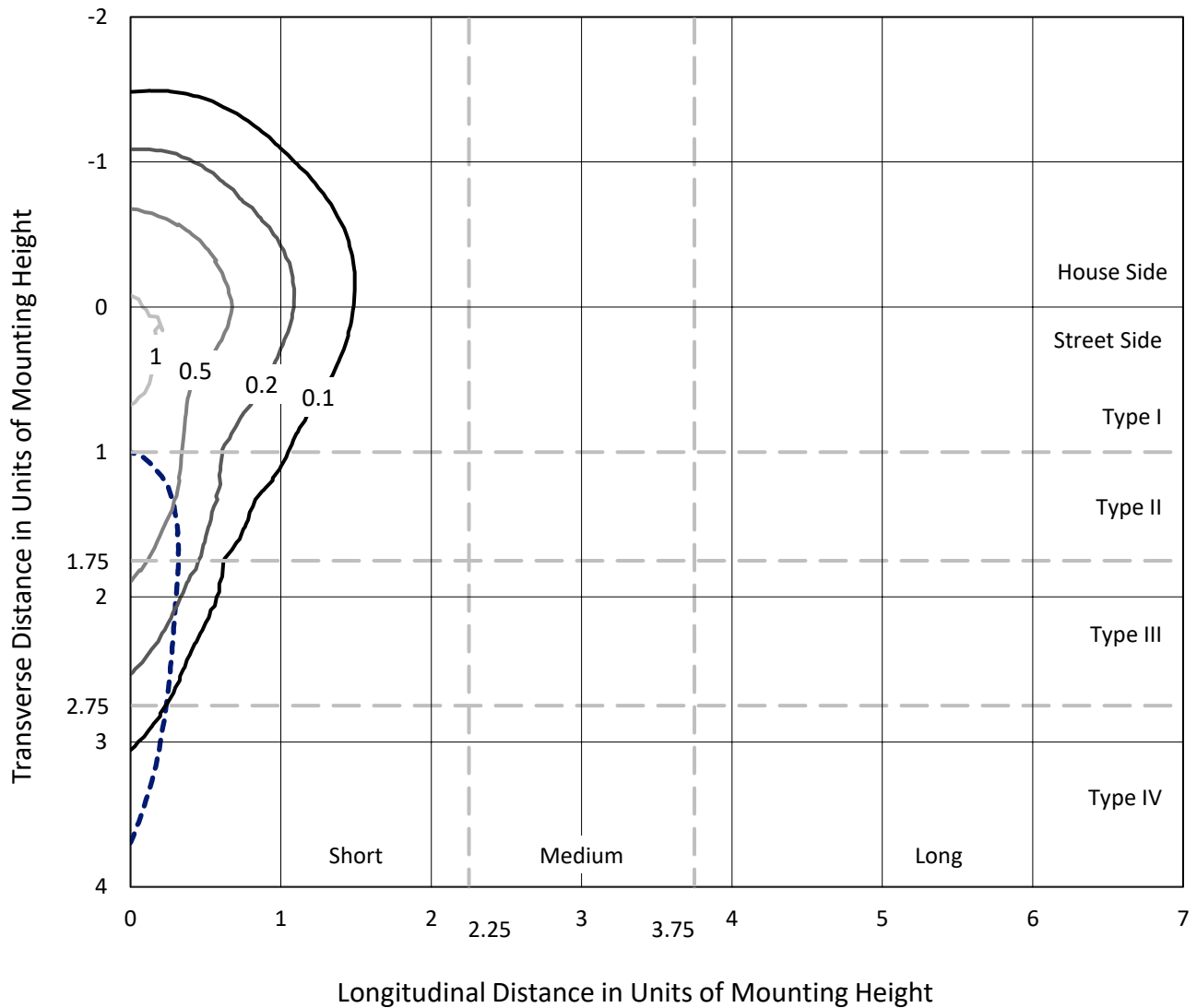
Input Watts (W): 39.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P945367
 CATALOG NUMBER: GALN-SB1B-830-U-SLR

Iso-Footcandle Lines of Horizontal Illumination

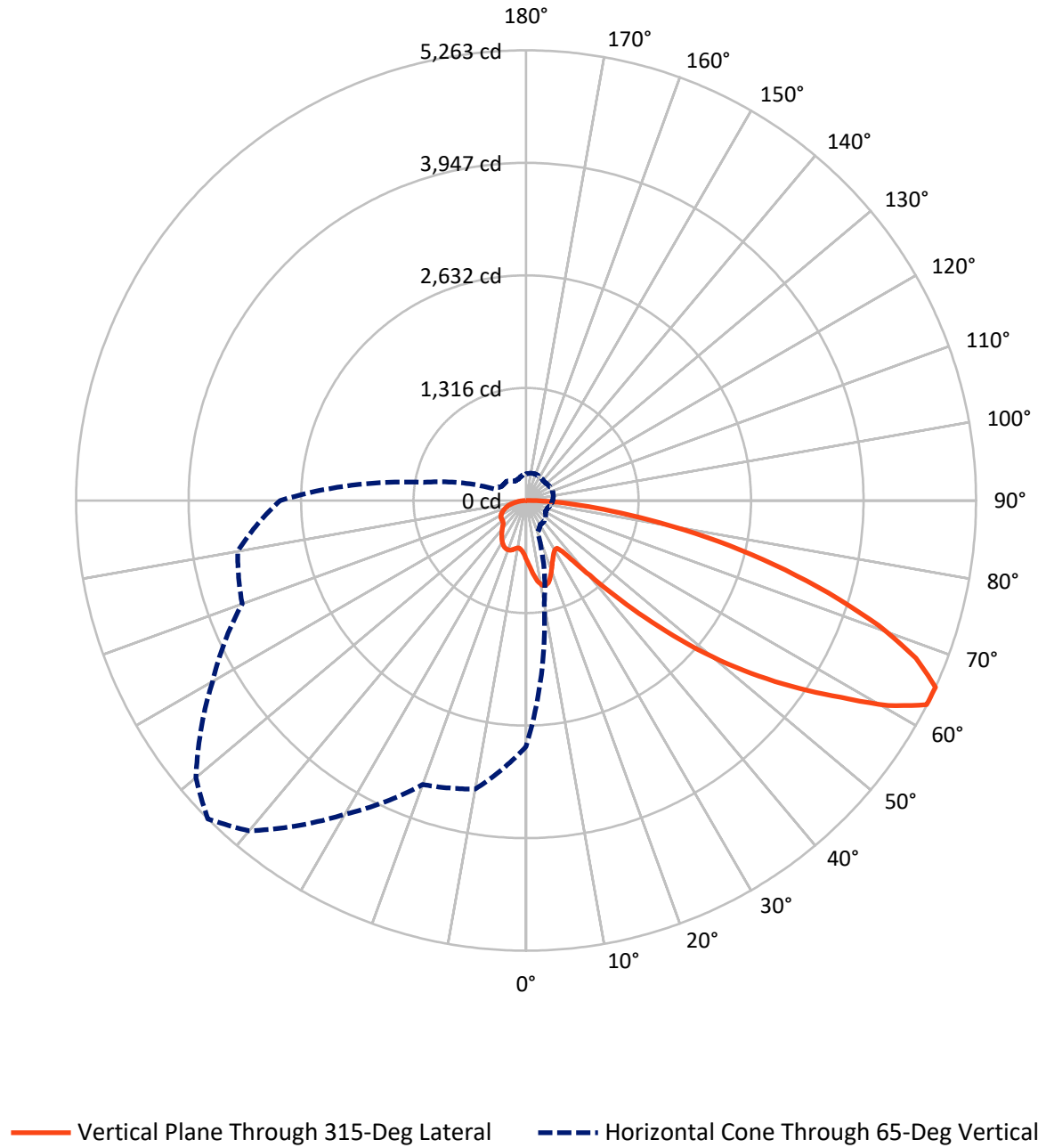
× Max cd
 - - - 1/2 Max cd



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

REPORT NUMBER: P945367
CATALOG NUMBER: GALN-SB1B-830-U-SLR

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1281.7	0.0	1281.7
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	3761.3	0.0	3761.3
	% Fixture	74.6	0.0	74.6
Total	Lumens	5043.0	0.0	5043.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.8	1.4
10°-20°	215.9	4.3
20°-30°	333.6	6.6
30°-40°	422.7	8.4
40°-50°	637.6	12.6
50°-60°	1030.1	20.4
60°-70°	1284.1	25.5
70°-80°	842.1	16.7
80°-90°	208.2	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°	5043.0	100.0
0°-180°	5043.0	100.0

Coefficient of Utilization



REPORT NUMBER: P945367

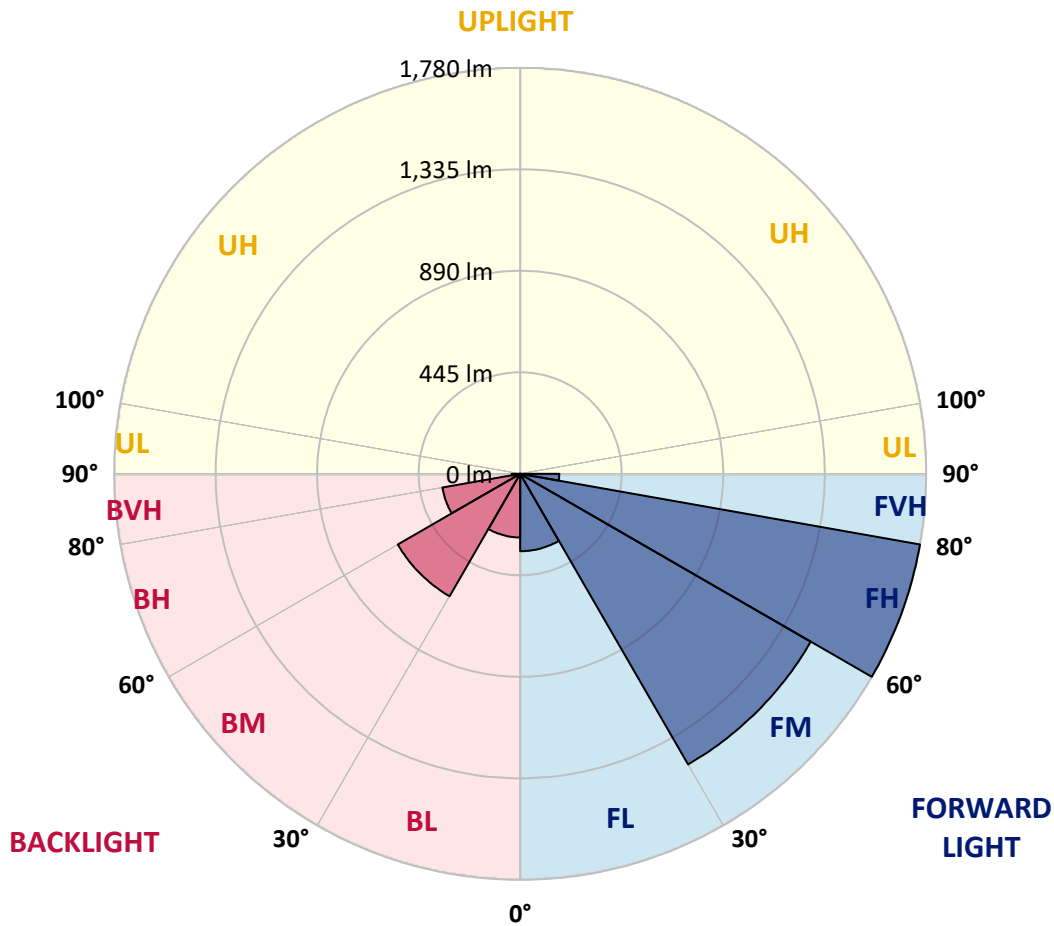
CATALOG NUMBER: GALN-SB1B-830-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	339.2	6.7			
FM (30°-60°)	1470.9	29.2			
FH (60°-80°)	1779.7	35.3			G1/1800
FVH (80°-90°)	171.5	3.4			G2/225
BL (0°-30°)	279.1	5.5	B1/500		
BM (30°-60°)	619.4	12.3	B1/1000		
BH (60°-80°)	346.5	6.9	B1/500		G1/500
BVH (80°-90°)	36.7	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: P945367

CATALOG NUMBER: GALN-SB1B-830-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5
2.5°	745.7	740.0	734.3	728.2	722.1	716.0	709.9	704.0	698.2	692.5
5°	801.9	789.3	776.6	764.0	751.4	738.7	726.1	714.2	702.4	691.2
7.5°	858.3	837.4	816.6	797.3	778.1	759.3	740.6	724.0	707.5	692.3
10°	901.5	875.2	848.8	823.3	797.9	775.1	752.3	732.8	713.2	694.4
12.5°	928.0	899.0	870.1	841.2	812.4	785.5	758.7	736.5	714.4	694.7
15°	944.1	913.9	883.7	852.4	821.1	790.2	759.2	733.6	708.0	686.1
17.5°	953.2	922.5	891.9	857.8	823.6	787.7	751.8	721.0	690.2	664.5
20°	963.1	931.3	899.5	862.0	824.4	780.9	737.4	699.2	661.0	631.1
22.5°	974.7	942.2	909.7	867.6	825.5	772.5	719.6	673.6	627.7	593.5
25°	989.6	957.7	925.9	877.8	829.7	764.3	698.9	645.1	591.3	556.3
27.5°	1009.8	979.5	949.0	893.8	838.5	758.8	679.1	619.0	558.9	527.0
30°	1037.1	1007.7	978.4	914.5	850.5	756.2	661.8	597.2	532.5	505.7
32.5°	1069.3	1040.2	1011.2	936.0	860.9	753.0	645.1	578.3	511.6	490.0
35°	1108.4	1080.6	1052.7	960.6	868.5	747.0	625.5	559.8	494.1	476.2
37.5°	1174.3	1138.8	1103.3	988.2	873.0	736.7	600.4	538.1	475.8	460.1
40°	1273.8	1222.1	1170.4	1023.1	875.9	722.5	569.2	512.1	455.0	440.8
42.5°	1405.8	1331.1	1256.5	1068.9	881.3	707.9	534.5	483.5	432.4	419.2
45°	1568.8	1468.1	1367.4	1129.1	890.8	694.3	497.8	453.0	408.2	394.9
47.5°	1772.6	1630.9	1489.1	1193.2	897.3	683.1	468.8	428.9	389.0	371.9
50°	2039.8	1826.1	1612.4	1252.7	893.0	670.8	448.6	412.9	377.3	354.7
52.5°	2346.5	2031.1	1715.8	1291.3	866.8	650.1	433.5	402.4	371.3	345.4
55°	2673.0	2212.9	1752.9	1282.8	812.7	615.9	419.1	394.8	370.5	346.3
57.5°	2969.9	2341.8	1713.6	1222.9	732.2	567.5	402.9	385.7	368.5	347.3
60°	3149.4	2374.0	1598.5	1111.4	624.2	504.8	385.4	371.9	358.4	344.3
62.5°	3058.3	2238.4	1418.5	960.6	502.6	429.7	356.8	347.8	338.9	337.1
65°	2875.9	2046.6	1217.3	806.7	396.2	362.1	328.1	323.9	319.6	319.9
67.5°	2631.5	1818.3	1005.1	656.0	306.9	297.2	287.5	289.9	292.2	291.6
70°	2337.8	1569.2	800.6	516.5	232.4	235.2	237.9	248.9	259.8	259.8
72.5°	1987.9	1299.2	610.4	394.9	179.3	187.6	196.0	211.5	227.0	229.6
75°	1545.2	989.6	434.0	286.6	139.2	146.8	154.3	171.7	189.1	201.2
77.5°	1104.0	692.6	281.2	194.2	107.2	112.3	117.5	134.4	151.3	171.1
80°	722.6	446.2	169.9	125.1	80.4	82.5	84.6	98.9	113.2	136.9
82.5°	420.0	258.3	96.5	77.0	57.4	57.8	58.2	68.8	79.3	99.5
85°	184.8	116.2	47.6	41.1	34.7	34.5	34.3	42.0	49.8	64.8
87.5°	57.2	38.1	18.9	17.1	15.2	15.0	14.8	18.0	21.2	27.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P945367
 CATALOG NUMBER: GALN-SB1B-830-U-SLR

CANDELA DISTRIBUTION (continued):

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
693.5	0°	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5
686.2	2.5°	681.1	676.0	671.4	666.8	662.8	658.8	654.8	650.7	647.6	644.5
680.2	5°	670.5	660.9	652.8	644.7	637.6	630.4	624.0	617.5	612.5	607.5
678.0	7.5°	665.1	652.3	641.7	631.1	622.1	613.1	605.2	597.3	591.3	585.4
679.0	10°	665.5	652.0	641.4	630.7	621.1	611.4	602.4	593.5	586.5	579.4
680.4	12.5°	669.3	658.3	651.2	644.2	636.6	629.0	619.8	610.6	601.5	592.5
674.7	15°	669.4	664.1	665.1	666.0	664.1	662.1	654.1	646.1	633.2	620.3
657.4	17.5°	659.3	661.3	672.9	684.5	690.6	696.8	690.3	683.9	666.8	649.8
629.2	20°	638.2	647.3	667.4	687.6	700.5	713.4	710.4	707.4	687.9	668.4
597.2	22.5°	610.6	624.0	646.9	670.0	686.8	703.6	705.4	707.2	688.5	669.9
566.1	25°	581.6	597.0	617.7	638.4	654.9	671.4	677.6	683.7	668.5	653.2
539.0	27.5°	553.9	568.8	585.8	602.8	616.0	629.3	636.1	643.0	632.1	621.3
515.1	30°	526.9	538.8	552.9	567.0	578.0	589.0	594.6	600.2	591.9	583.6
494.2	32.5°	501.2	508.2	519.5	530.7	541.3	551.8	558.0	564.3	556.7	549.0
474.5	35°	476.4	478.3	486.9	495.5	505.9	516.4	523.8	531.3	525.8	520.4
453.8	37.5°	451.6	449.5	455.7	461.8	472.2	482.7	491.9	501.1	498.6	496.1
431.1	40°	426.3	421.4	425.9	430.3	440.4	450.5	461.0	471.7	472.3	472.9
407.0	42.5°	400.6	394.2	397.8	401.5	411.0	420.6	432.0	443.5	446.5	449.6
383.1	45°	376.8	370.6	373.7	376.7	385.8	394.8	406.7	418.6	423.0	427.4
361.7	47.5°	356.5	351.3	354.1	357.0	365.8	374.7	386.4	398.1	403.1	408.2
342.9	50°	338.2	333.6	338.1	342.6	351.0	359.3	369.8	380.3	386.7	393.2
328.8	52.5°	324.3	319.7	326.5	333.2	340.8	348.5	358.2	368.0	375.7	383.4
321.4	55°	314.2	306.9	316.5	326.0	334.3	342.5	351.1	359.6	367.8	375.9
316.9	57.5°	306.4	295.8	306.1	316.4	326.1	335.8	344.2	352.7	360.9	369.1
312.7	60°	299.1	285.4	294.4	303.4	314.5	325.7	334.2	342.9	351.1	359.4
307.8	62.5°	290.7	273.7	279.4	285.1	298.1	311.1	320.3	329.4	337.0	344.5
297.5	65°	279.4	261.2	263.4	265.6	279.5	293.4	302.2	310.9	317.6	324.2
279.1	67.5°	264.0	248.9	248.2	247.5	260.3	273.2	281.5	289.8	295.5	301.3
255.7	70°	245.0	234.2	231.8	229.4	240.7	252.0	259.2	266.4	271.6	276.7
229.7	72.5°	222.3	215.0	211.4	208.0	216.8	225.7	232.2	238.7	243.8	248.9
200.2	75°	194.5	188.8	185.4	182.1	188.7	195.3	201.1	207.0	211.7	216.3
170.6	77.5°	166.0	161.5	158.1	154.7	160.0	165.4	170.4	175.5	180.4	185.2
136.8	80°	133.0	129.2	126.3	123.5	127.9	132.4	136.6	140.9	144.6	148.3
100.6	82.5°	98.8	96.9	94.9	92.9	92.5	92.1	90.6	89.1	97.0	104.9
66.3	85°	64.3	62.3	60.0	57.7	55.8	53.9	49.8	45.6	53.0	60.4
29.3	87.5°	28.5	27.7	27.2	26.8	26.7	26.7	23.5	20.4	23.4	26.6
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: P945367
 CATALOG NUMBER: GALN-SB1B-830-U-SLR

CANDELA DISTRIBUTION (continued):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
693.5	0°	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5
642.0	2.5°	639.4	637.5	635.5	633.7	631.9	629.6	631.9	633.7	635.5	637.5
604.0	5°	600.5	598.1	595.6	593.7	591.8	589.9	591.8	593.7	595.6	598.1
581.3	7.5°	577.1	574.3	571.4	569.7	568.1	566.8	568.1	569.7	571.4	574.3
574.7	10°	570.0	567.4	564.7	563.2	561.8	561.2	561.8	563.2	564.7	567.4
586.5	12.5°	580.5	577.5	574.5	573.3	572.1	571.8	572.1	573.3	574.5	577.5
611.2	15°	602.1	598.0	593.8	592.2	590.6	590.5	590.6	592.2	593.8	598.0
636.4	17.5°	622.9	616.8	610.6	608.5	606.5	606.2	606.5	608.5	610.6	616.8
652.0	20°	635.6	627.7	619.7	617.2	614.7	613.9	614.7	617.2	619.7	627.7
653.0	22.5°	636.0	627.7	619.3	616.6	613.8	612.6	613.8	616.6	619.3	627.7
638.2	25°	623.2	615.9	608.7	606.1	603.5	601.9	603.5	606.1	608.7	615.9
609.6	27.5°	597.9	593.1	588.2	587.0	585.8	585.4	585.8	587.0	588.2	593.1
575.3	30°	566.8	564.4	561.9	561.9	561.9	562.3	561.9	561.9	561.9	564.4
542.3	32.5°	535.7	534.0	532.4	532.6	532.9	533.3	532.9	532.6	532.4	534.0
514.3	35°	508.1	505.6	503.2	502.7	502.1	501.9	502.1	502.7	503.2	505.6
490.4	37.5°	484.7	480.2	475.7	473.4	471.0	469.7	471.0	473.4	475.7	480.2
468.0	40°	463.2	456.7	450.2	445.8	441.4	438.8	441.4	445.8	450.2	456.7
445.5	42.5°	441.5	433.3	425.2	418.8	412.4	408.2	412.4	418.8	425.2	433.3
423.7	45°	420.0	410.8	401.5	394.0	386.4	381.6	386.4	394.0	401.5	410.8
405.6	47.5°	403.1	394.8	386.6	379.6	372.7	368.0	372.7	379.6	386.6	394.8
393.1	50°	393.0	386.4	379.8	373.3	366.9	362.4	366.9	373.3	379.8	386.4
384.8	52.5°	386.2	380.8	375.4	369.6	363.9	359.8	363.9	369.6	375.4	380.8
377.9	55°	379.8	375.1	370.4	365.4	360.3	356.6	360.3	365.4	370.4	375.1
371.1	57.5°	373.0	368.3	363.5	358.5	353.5	349.7	353.5	358.5	363.5	368.3
361.5	60°	363.6	359.0	354.4	349.2	344.1	340.1	344.1	349.2	354.4	359.0
346.6	62.5°	348.6	344.5	340.3	334.9	329.4	324.6	329.4	334.9	340.3	344.5
326.3	65°	328.4	324.4	320.4	315.1	309.9	305.7	309.9	315.1	320.4	324.4
303.3	67.5°	305.3	301.7	298.0	293.1	288.2	284.5	288.2	293.1	298.0	301.7
278.7	70°	280.7	277.7	274.7	270.0	265.3	261.0	265.3	270.0	274.7	277.7
251.2	72.5°	253.5	251.0	248.5	244.1	239.6	235.5	239.6	244.1	248.5	251.0
218.7	75°	221.2	220.0	218.7	215.0	211.2	207.3	211.2	215.0	218.7	220.0
187.5	77.5°	189.8	188.1	186.3	182.5	178.8	175.6	178.8	182.5	186.3	188.1
151.3	80°	154.3	153.6	152.9	147.8	142.7	136.8	142.7	147.8	152.9	153.6
110.1	82.5°	115.2	114.9	114.6	110.3	106.0	102.2	106.0	110.3	114.6	114.9
66.8	85°	73.2	72.6	72.1	68.8	65.4	62.0	65.4	68.8	72.1	72.6
29.1	87.5°	31.7	31.1	30.4	28.7	26.9	25.3	26.9	28.7	30.4	31.1
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: P945367
 CATALOG NUMBER: GALN-SB1B-830-U-SLR

CANDELA DISTRIBUTION (continued):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
693.5	0°	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5
639.4	2.5°	642.0	644.5	647.6	650.7	654.8	658.8	662.8	666.8	671.4	676.0
600.5	5°	604.0	607.5	612.5	617.5	624.0	630.4	637.6	644.7	652.8	660.9
577.1	7.5°	581.3	585.4	591.3	597.3	605.2	613.1	622.1	631.1	641.7	652.3
570.0	10°	574.7	579.4	586.5	593.5	602.4	611.4	621.1	630.7	641.4	652.0
580.5	12.5°	586.5	592.5	601.5	610.6	619.8	629.0	636.6	644.2	651.2	658.3
602.1	15°	611.2	620.3	633.2	646.1	654.1	662.1	664.1	666.0	665.1	664.1
622.9	17.5°	636.4	649.8	666.8	683.9	690.3	696.8	690.6	684.5	672.9	661.3
635.6	20°	652.0	668.4	687.9	707.4	710.4	713.4	700.5	687.6	667.4	647.3
636.0	22.5°	653.0	669.9	688.5	707.2	705.4	703.6	686.8	670.0	646.9	624.0
623.2	25°	638.2	653.2	668.5	683.7	677.6	671.4	654.9	638.4	617.7	597.0
597.9	27.5°	609.6	621.3	632.1	643.0	636.1	629.3	616.0	602.8	585.8	568.8
566.8	30°	575.3	583.6	591.9	600.2	594.6	589.0	578.0	567.0	552.9	538.8
535.7	32.5°	542.3	549.0	556.7	564.3	558.0	551.8	541.3	530.7	519.5	508.2
508.1	35°	514.3	520.4	525.8	531.3	523.8	516.4	505.9	495.5	486.9	478.3
484.7	37.5°	490.4	496.1	498.6	501.1	491.9	482.7	472.2	461.8	455.7	449.5
463.2	40°	468.0	472.9	472.3	471.7	461.0	450.5	440.4	430.3	425.9	421.4
441.5	42.5°	445.5	449.6	446.5	443.5	432.0	420.6	411.0	401.5	397.8	394.2
420.0	45°	423.7	427.4	423.0	418.6	406.7	394.8	385.8	376.7	373.7	370.6
403.1	47.5°	405.6	408.2	403.1	398.1	386.4	374.7	365.8	357.0	354.1	351.3
393.0	50°	393.1	393.2	386.7	380.3	369.8	359.3	351.0	342.6	338.1	333.6
386.2	52.5°	384.8	383.4	375.7	368.0	358.2	348.5	340.8	333.2	326.5	319.7
379.8	55°	377.9	375.9	367.8	359.6	351.1	342.5	334.3	326.0	316.5	306.9
373.0	57.5°	371.1	369.1	360.9	352.7	344.2	335.8	326.1	316.4	306.1	295.8
363.6	60°	361.5	359.4	351.1	342.9	334.2	325.7	314.5	303.4	294.4	285.4
348.6	62.5°	346.6	344.5	337.0	329.4	320.3	311.1	298.1	285.1	279.4	273.7
328.4	65°	326.3	324.2	317.6	310.9	302.2	293.4	279.5	265.6	263.4	261.2
305.3	67.5°	303.3	301.3	295.5	289.8	281.5	273.2	260.3	247.5	248.2	248.9
280.7	70°	278.7	276.7	271.6	266.4	259.2	252.0	240.7	229.4	231.8	234.2
253.5	72.5°	251.2	248.9	243.8	238.7	232.2	225.7	216.8	208.0	211.4	215.0
221.2	75°	218.7	216.3	211.7	207.0	201.1	195.3	188.7	182.1	185.4	188.8
189.8	77.5°	187.5	185.2	180.4	175.5	170.4	165.4	160.0	154.7	158.1	161.5
154.3	80°	151.3	148.3	144.6	140.9	136.6	132.4	127.9	123.5	126.3	129.2
115.2	82.5°	110.1	104.9	97.0	89.1	90.6	92.1	92.5	92.9	94.9	96.9
73.2	85°	66.8	60.4	53.0	45.6	49.8	53.9	55.8	57.7	60.0	62.3
31.7	87.5°	29.1	26.6	23.4	20.4	23.5	26.7	26.7	26.8	27.2	27.7
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: P945367
 CATALOG NUMBER: GALN-SB1B-830-U-SLR

CANDELA DISTRIBUTION (continued):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
693.5	0°	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5
681.1	2.5°	686.2	692.5	698.2	704.0	709.9	716.0	722.1	728.2	734.3	740.0
670.5	5°	680.2	691.2	702.4	714.2	726.1	738.7	751.4	764.0	776.6	789.3
665.1	7.5°	678.0	692.3	707.5	724.0	740.6	759.3	778.1	797.3	816.6	837.4
665.5	10°	679.0	694.4	713.2	732.8	752.3	775.1	797.9	823.3	848.8	875.2
669.3	12.5°	680.4	694.7	714.4	736.5	758.7	785.5	812.4	841.2	870.1	899.0
669.4	15°	674.7	686.1	708.0	733.6	759.2	790.2	821.1	852.4	883.7	913.9
659.3	17.5°	657.4	664.5	690.2	721.0	751.8	787.7	823.6	857.8	891.9	922.5
638.2	20°	629.2	631.1	661.0	699.2	737.4	780.9	824.4	862.0	899.5	931.3
610.6	22.5°	597.2	593.5	627.7	673.6	719.6	772.5	825.5	867.6	909.7	942.2
581.6	25°	566.1	556.3	591.3	645.1	698.9	764.3	829.7	877.8	925.9	957.7
553.9	27.5°	539.0	527.0	558.9	619.0	679.1	758.8	838.5	893.8	949.0	979.5
526.9	30°	515.1	505.7	532.5	597.2	661.8	756.2	850.5	914.5	978.4	1007.7
501.2	32.5°	494.2	490.0	511.6	578.3	645.1	753.0	860.9	936.0	1011.2	1040.2
476.4	35°	474.5	476.2	494.1	559.8	625.5	747.0	868.5	960.6	1052.7	1080.6
451.6	37.5°	453.8	460.1	475.8	538.1	600.4	736.7	873.0	988.2	1103.3	1138.8
426.3	40°	431.1	440.8	455.0	512.1	569.2	722.5	875.9	1023.1	1170.4	1222.1
400.6	42.5°	407.0	419.2	432.4	483.5	534.5	707.9	881.3	1068.9	1256.5	1331.1
376.8	45°	383.1	394.9	408.2	453.0	497.8	694.3	890.8	1129.1	1367.4	1468.1
356.5	47.5°	361.7	371.9	389.0	428.9	468.8	683.1	897.3	1193.2	1489.1	1630.9
338.2	50°	342.9	354.7	377.3	412.9	448.6	670.8	893.0	1252.7	1612.4	1826.1
324.3	52.5°	328.8	345.4	371.3	402.4	433.5	650.1	866.8	1291.3	1715.8	2031.1
314.2	55°	321.4	346.3	370.5	394.8	419.1	615.9	812.7	1282.8	1752.9	2212.9
306.4	57.5°	316.9	347.3	368.5	385.7	402.9	567.5	732.2	1222.9	1713.6	2341.8
299.1	60°	312.7	344.3	358.4	371.9	385.4	504.8	624.2	1111.4	1598.5	2374.0
290.7	62.5°	307.8	337.1	338.9	347.8	356.8	429.7	502.6	960.6	1418.5	2238.4
279.4	65°	297.5	319.9	319.6	323.9	328.1	362.1	396.2	806.7	1217.3	2046.6
264.0	67.5°	279.1	291.6	292.2	289.9	287.5	297.2	306.9	656.0	1005.1	1818.3
245.0	70°	255.7	259.8	259.8	248.9	237.9	235.2	232.4	516.5	800.6	1569.2
222.3	72.5°	229.7	229.6	227.0	211.5	196.0	187.6	179.3	394.9	610.4	1299.2
194.5	75°	200.2	201.2	189.1	171.7	154.3	146.8	139.2	286.6	434.0	989.6
166.0	77.5°	170.6	171.1	151.3	134.4	117.5	112.3	107.2	194.2	281.2	692.6
133.0	80°	136.8	136.9	113.2	98.9	84.6	82.5	80.4	125.1	169.9	446.2
98.8	82.5°	100.6	99.5	79.3	68.8	58.2	57.8	57.4	77.0	96.5	258.3
64.3	85°	66.3	64.8	49.8	42.0	34.3	34.5	34.7	41.1	47.6	116.2
28.5	87.5°	29.3	27.4	21.2	18.0	14.8	15.0	15.2	17.1	18.9	38.1
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: P945367
 CATALOG NUMBER: GALN-SB1B-830-U-SLR

CANDELA DISTRIBUTION (continued):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
693.5	0°	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5
745.7	2.5°	748.6	751.4	755.4	759.4	761.8	764.2	765.4	766.6	766.1	766.6
801.9	5°	811.8	821.7	831.5	841.3	846.6	851.9	855.1	858.4	860.8	858.4
858.3	7.5°	874.4	890.4	904.9	919.3	928.0	936.7	941.4	946.1	948.4	946.1
901.5	10°	920.5	939.5	956.5	973.4	983.7	993.9	998.5	1003.1	1004.8	1003.1
928.0	12.5°	948.6	969.2	984.5	999.8	1007.2	1014.7	1017.2	1019.7	1020.0	1019.7
944.1	15°	961.9	979.6	989.3	998.9	999.2	999.4	996.8	994.1	991.0	994.1
953.2	17.5°	965.2	977.2	977.4	977.5	966.7	956.0	946.1	936.2	929.2	936.2
963.1	20°	967.3	971.5	958.9	946.3	922.5	898.7	881.3	864.0	853.4	864.0
974.7	22.5°	969.2	963.8	937.6	911.4	876.4	841.4	819.7	798.1	786.3	798.1
989.6	25°	972.3	955.0	915.3	875.5	833.0	790.5	767.8	745.0	733.9	745.0
1009.8	27.5°	978.9	948.0	895.3	842.7	795.6	748.5	726.1	703.7	693.2	703.7
1037.1	30°	991.0	944.9	880.1	815.3	766.2	717.1	696.4	675.6	665.8	675.6
1069.3	32.5°	1006.2	943.1	869.7	796.4	750.3	704.2	687.8	671.5	664.5	671.5
1108.4	35°	1031.2	953.9	877.5	801.1	769.1	737.0	733.2	729.4	728.8	729.4
1174.3	37.5°	1083.4	992.5	923.0	853.6	851.5	849.4	866.8	884.2	893.3	884.2
1273.8	40°	1175.0	1076.1	1024.5	972.8	1009.3	1045.7	1088.0	1130.3	1151.4	1130.3
1405.8	42.5°	1307.7	1209.6	1179.9	1150.1	1229.6	1309.2	1386.1	1463.1	1508.3	1463.1
1568.8	45°	1480.7	1392.6	1379.4	1366.3	1493.7	1621.1	1747.5	1874.0	1950.8	1874.0
1772.6	47.5°	1686.9	1601.2	1598.5	1595.9	1779.6	1963.3	2148.5	2333.6	2442.3	2333.6
2039.8	50°	1933.9	1828.1	1828.5	1829.0	2065.8	2302.6	2547.0	2791.3	2939.1	2791.3
2346.5	52.5°	2218.3	2090.1	2077.1	2064.1	2347.0	2629.9	2932.3	3234.6	3411.7	3234.6
2673.0	55°	2546.3	2419.6	2369.1	2318.6	2633.4	2948.3	3308.7	3669.1	3879.7	3669.1
2969.9	57.5°	2901.0	2832.0	2730.6	2629.3	2947.2	3265.1	3673.3	4081.6	4342.7	4081.6
3149.4	60°	3256.6	3363.7	3237.8	3112.0	3412.8	3713.7	4150.8	4587.9	4870.2	4587.9
3058.3	62.5°	3351.0	3643.8	3629.6	3615.4	3891.0	4166.6	4582.5	4998.3	5259.2	4998.3
2875.9	65°	3150.6	3425.4	3479.7	3534.1	3884.3	4234.6	4637.8	5041.0	5263.2	5041.0
2631.5	67.5°	2892.8	3154.1	3179.6	3205.0	3570.0	3934.9	4339.8	4744.8	4918.9	4744.8
2337.8	70°	2622.0	2906.3	2917.7	2929.1	3255.4	3581.8	3930.3	4278.8	4375.5	4278.8
1987.9	72.5°	2314.1	2640.2	2648.4	2656.6	2911.9	3167.3	3428.3	3689.3	3699.1	3689.3
1545.2	75°	1882.8	2220.4	2250.7	2281.0	2479.7	2678.3	2862.0	3045.8	2996.5	3045.8
1104.0	77.5°	1419.2	1734.3	1777.7	1821.1	1972.1	2123.1	2253.4	2383.7	2299.1	2383.7
722.6	80°	987.7	1252.8	1306.7	1360.6	1474.7	1588.7	1657.1	1725.5	1589.4	1725.5
420.0	82.5°	601.3	782.5	842.8	903.0	981.5	1060.0	1088.6	1117.1	1010.1	1117.1
184.8	85°	281.0	377.2	428.4	479.6	544.1	608.6	624.8	641.0	555.4	641.0
57.2	87.5°	89.5	121.9	150.5	179.0	211.3	243.5	244.9	246.3	206.8	246.3
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: P945367
 CATALOG NUMBER: GALN-SB1B-830-U-SLR

CANDELA DISTRIBUTION (continued):

325°		330°	335°	340°	345°	350°	355°	360°
693.5	0°	693.5	693.5	693.5	693.5	693.5	693.5	693.5
765.4	2.5°	764.2	761.8	759.4	755.4	751.4	748.6	745.7
855.1	5°	851.9	846.6	841.3	831.5	821.7	811.8	801.9
941.4	7.5°	936.7	928.0	919.3	904.9	890.4	874.4	858.3
998.5	10°	993.9	983.7	973.4	956.5	939.5	920.5	901.5
1017.2	12.5°	1014.7	1007.2	999.8	984.5	969.2	948.6	928.0
996.8	15°	999.4	999.2	998.9	989.3	979.6	961.9	944.1
946.1	17.5°	956.0	966.7	977.5	977.4	977.2	965.2	953.2
881.3	20°	898.7	922.5	946.3	958.9	971.5	967.3	963.1
819.7	22.5°	841.4	876.4	911.4	937.6	963.8	969.2	974.7
767.8	25°	790.5	833.0	875.5	915.3	955.0	972.3	989.6
726.1	27.5°	748.5	795.6	842.7	895.3	948.0	978.9	1009.8
696.4	30°	717.1	766.2	815.3	880.1	944.9	991.0	1037.1
687.8	32.5°	704.2	750.3	796.4	869.7	943.1	1006.2	1069.3
733.2	35°	737.0	769.1	801.1	877.5	953.9	1031.2	1108.4
866.8	37.5°	849.4	851.5	853.6	923.0	992.5	1083.4	1174.3
1088.0	40°	1045.7	1009.3	972.8	1024.5	1076.1	1175.0	1273.8
1386.1	42.5°	1309.2	1229.6	1150.1	1179.9	1209.6	1307.7	1405.8
1747.5	45°	1621.1	1493.7	1366.3	1379.4	1392.6	1480.7	1568.8
2148.5	47.5°	1963.3	1779.6	1595.9	1598.5	1601.2	1686.9	1772.6
2547.0	50°	2302.6	2065.8	1829.0	1828.5	1828.1	1933.9	2039.8
2932.3	52.5°	2629.9	2347.0	2064.1	2077.1	2090.1	2218.3	2346.5
3308.7	55°	2948.3	2633.4	2318.6	2369.1	2419.6	2546.3	2673.0
3673.3	57.5°	3265.1	2947.2	2629.3	2730.6	2832.0	2901.0	2969.9
4150.8	60°	3713.7	3412.8	3112.0	3237.8	3363.7	3256.6	3149.4
4582.5	62.5°	4166.6	3891.0	3615.4	3629.6	3643.8	3351.0	3058.3
4637.8	65°	4234.6	3884.3	3534.1	3479.7	3425.4	3150.6	2875.9
4339.8	67.5°	3934.9	3570.0	3205.0	3179.6	3154.1	2892.8	2631.5
3930.3	70°	3581.8	3255.4	2929.1	2917.7	2906.3	2622.0	2337.8
3428.3	72.5°	3167.3	2911.9	2656.6	2648.4	2640.2	2314.1	1987.9
2862.0	75°	2678.3	2479.7	2281.0	2250.7	2220.4	1882.8	1545.2
2253.4	77.5°	2123.1	1972.1	1821.1	1777.7	1734.3	1419.2	1104.0
1657.1	80°	1588.7	1474.7	1360.6	1306.7	1252.8	987.7	722.6
1088.6	82.5°	1060.0	981.5	903.0	842.8	782.5	601.3	420.0
624.8	85°	608.6	544.1	479.6	428.4	377.2	281.0	184.8
244.9	87.5°	243.5	211.3	179.0	150.5	121.9	89.5	57.2
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)