

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: P455222

Luminaire Tested: **GALN-SA6B-827-U-SLR**

Issue Date: 1/4/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P455222  
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-SA6B-827-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(6) 80 CRI, 2700K, 800mA 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: 21381 lumens  
Efficiency: N/A  
Efficacy: 88.0 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): 243  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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

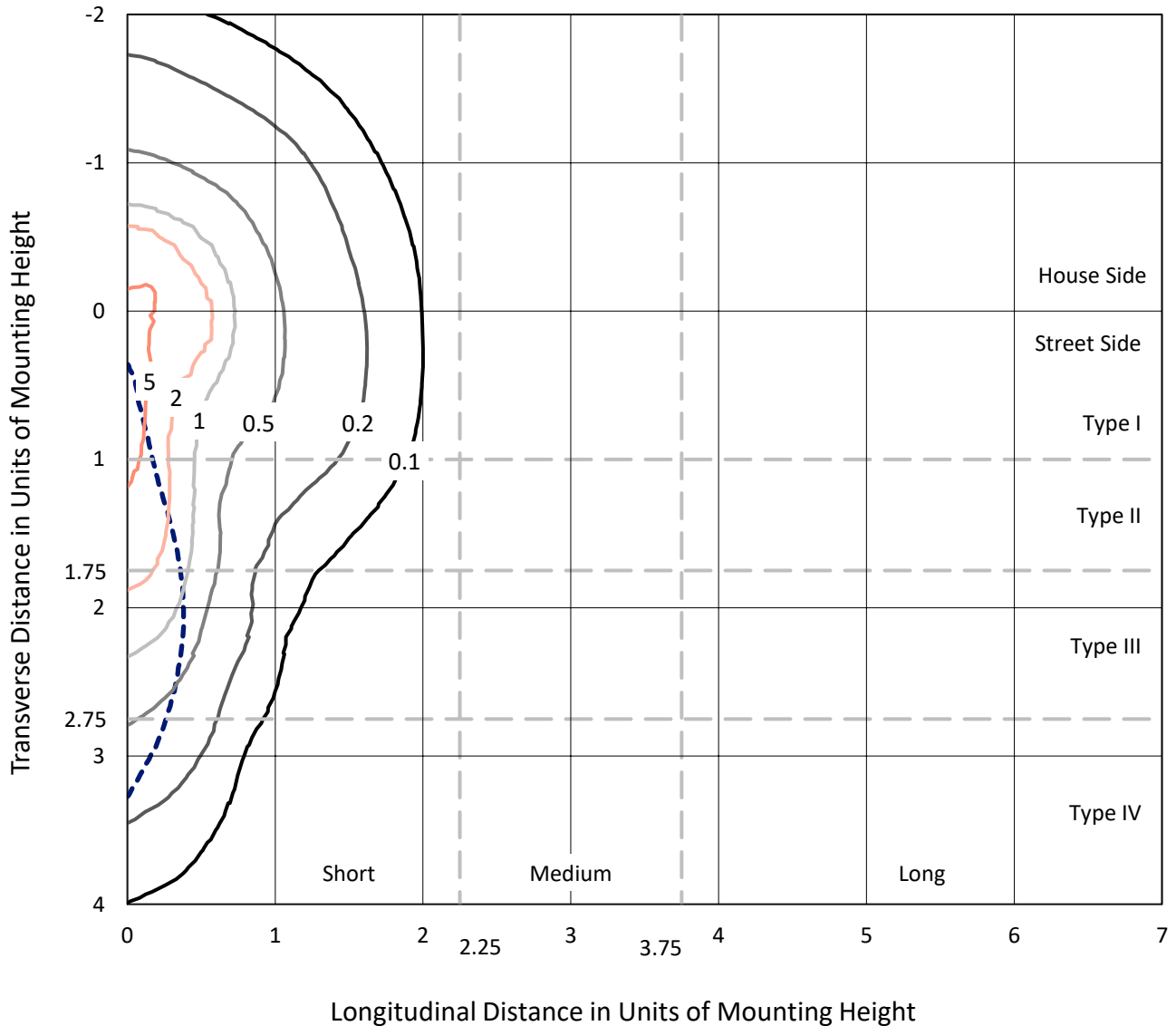




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### Iso-Footcandle Lines of Horizontal Illumination

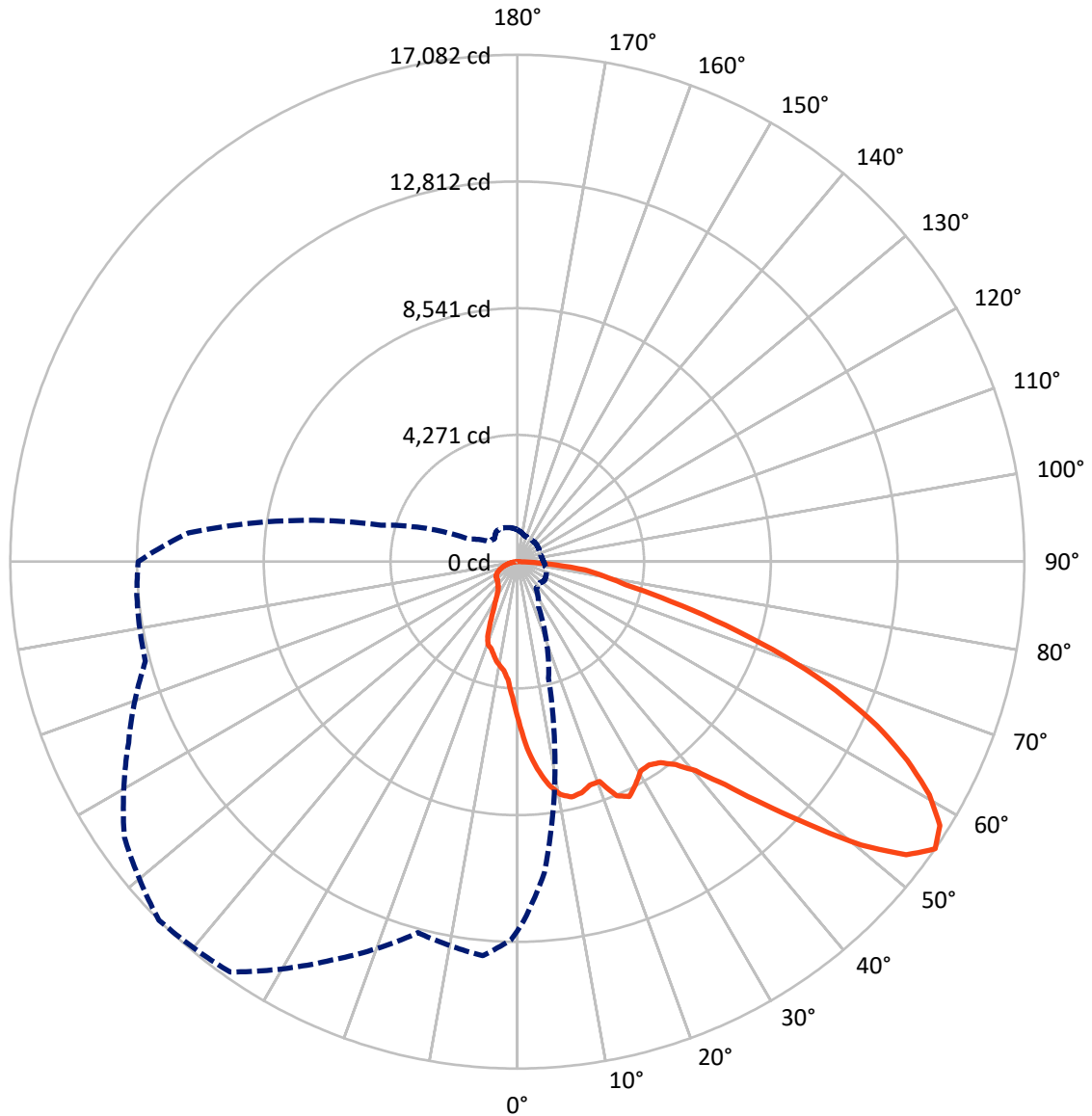
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.2 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



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

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4677.0	0.0	4677.0
	% Fixture	21.9	0.0	21.9
<b>Street Side</b>	Lumens	16704.0	0.0	16704.0
	% Fixture	78.1	0.0	78.1
<b>Total</b>	Lumens	21381.0	0.0	21381.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	454.8	2.1
10°-20°	1206.5	5.6
20°-30°	2084.3	9.7
30°-40°	2422.3	11.3
40°-50°	3379.6	15.8
50°-60°	4585.7	21.4
60°-70°	4362.8	20.4
70°-80°	2356.9	11.0
80°-90°	528.2	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°	21381.0	100.0
0°-180°	21381.0	100.0

**Coefficient of Utilization**



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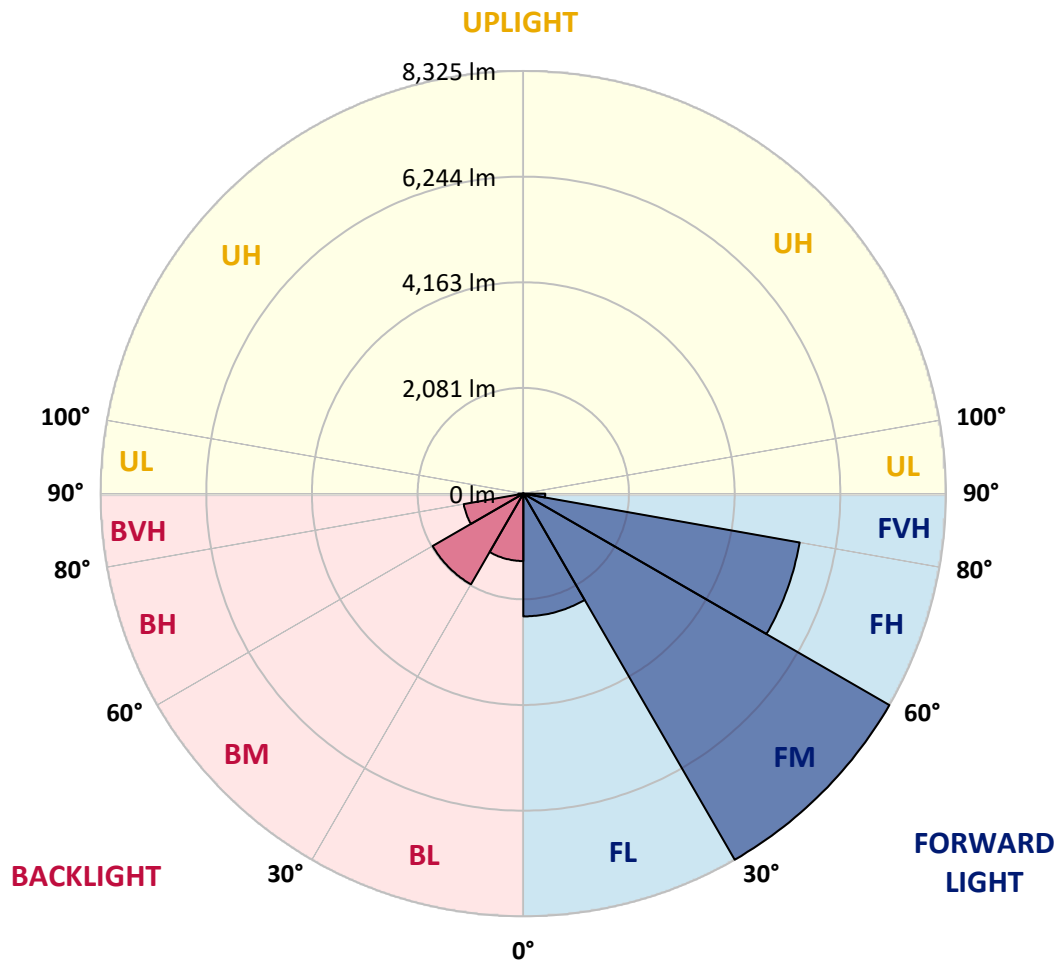
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2418.2	11.3			
FM	(30°-60°)	8325.3	38.9			
FH	(60°-80°)	5528.8	25.9			G3/7500
FVH	(80°-90°)	431.7	2.0			G3/500
BL	(0°-30°)	1327.3	6.2	B3/2500		
BM	(30°-60°)	2062.3	9.6	B2/2500		
BH	(60°-80°)	1190.9	5.6	B3/2500		G3/2500
BVH	(80°-90°)	96.5	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





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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	5365.8	5365.8	5365.8	5365.8	5365.8	5365.8	5365.8	5365.8	5365.8	5365.8	5365.8
2.5°	5961.1	5938.5	5875.0	5708.6	5540.7	5370.0	5238.8	5075.2	4904.5	4812.9	4695.8
5°	6042.9	6017.5	5868.0	5492.7	5152.8	4795.9	4511.0	4261.3	4159.8	4010.2	3890.3
7.5°	5851.0	5839.7	5615.5	5076.6	4611.1	4144.2	3821.2	3620.9	3439.0	3371.3	3385.4
10°	5676.1	5631.0	5350.3	4646.4	4103.3	3723.9	3492.6	3296.5	3168.1	3134.3	3141.3
12.5°	5530.8	5470.2	5138.7	4357.2	3881.9	3578.6	3283.8	3079.3	2962.2	2994.6	3104.7
15°	5501.2	5419.4	5049.8	4258.5	3760.6	3369.8	3046.8	2811.3	2723.8	2794.3	2970.7
17.5°	5693.0	5590.1	5202.2	4290.9	3644.9	3156.8	2760.5	2491.1	2417.7	2530.6	2760.5
20°	6309.5	6157.1	5677.5	4478.5	3633.6	3051.1	2594.0	2323.2	2354.2	2568.6	2808.4
22.5°	7449.2	7220.7	6509.8	4752.2	3692.9	3024.3	2560.2	2419.1	2589.8	2771.8	2929.7
25°	7674.9	7495.8	6659.3	4814.3	3680.2	3005.9	2656.1	2726.6	2917.1	3007.3	2952.3
27.5°	7801.8	7597.3	6649.4	4506.8	3290.9	2726.6	2539.0	2656.1	2704.1	2616.6	2467.1
30°	8098.1	7885.1	6817.3	4183.7	2709.7	2022.8	1773.1	1725.1	1757.6	1774.5	1720.9
32.5°	8505.7	8295.5	7133.2	3972.2	2343.0	1672.9	1427.5	1359.8	1344.3	1325.9	1304.8
35°	9033.3	8710.2	7443.6	3836.7	2192.0	1547.4	1321.7	1269.5	1248.4	1223.0	1200.4
37.5°	9569.3	9230.7	7835.7	3694.3	2091.9	1459.9	1251.2	1227.2	1190.5	1163.7	1131.3
40°	10139.2	9759.7	8192.6	3570.1	1994.5	1403.5	1200.4	1197.6	1149.6	1118.6	1080.5
42.5°	10632.9	10242.1	8511.4	3494.0	1919.8	1344.3	1169.4	1177.8	1128.5	1081.9	1032.5
45°	11025.0	10641.3	8806.2	3494.0	1859.1	1285.0	1163.7	1158.1	1108.7	1050.9	994.4
47.5°	11369.2	10972.8	9093.9	3582.8	1821.0	1235.7	1132.7	1142.6	1091.8	1018.4	963.4
50°	11635.8	11285.9	9481.8	3721.1	1783.0	1196.2	1093.2	1146.8	1077.7	1001.5	938.0
52.5°	11975.7	11662.6	9948.7	3910.1	1750.5	1152.4	1057.9	1146.8	1076.3	1002.9	933.8
55°	12446.8	12116.8	10511.5	4066.7	1698.3	1111.5	1026.9	1114.3	1072.0	995.9	922.5
57.5°	12776.9	12530.1	10909.3	4171.0	1623.6	1059.3	998.7	1083.3	1053.7	969.1	888.7
58°	12792.4	12551.2	10967.2	4195.0	1605.2	1049.5	991.6	1069.2	1045.2	957.8	877.4
60°	12614.7	12407.3	10978.4	4161.2	1500.8	1000.1	955.0	1011.4	1000.1	891.5	816.7
62.5°	11968.7	11747.2	10522.8	3886.1	1362.6	939.4	898.5	933.8	908.4	798.4	729.3
65°	11050.4	10642.7	9586.2	3454.5	1263.9	874.6	822.4	825.2	798.4	719.4	658.7
67.5°	9827.4	9371.8	8116.4	2911.4	1189.1	802.6	732.1	725.0	692.6	641.8	592.4
70°	8322.3	8010.6	6595.8	2368.3	1105.9	723.6	630.5	626.3	606.5	568.5	524.7
72.5°	6745.3	6349.0	5326.3	1895.8	1004.3	647.5	536.0	544.5	519.1	492.3	452.8
75°	4977.9	4718.3	4117.4	1520.6	867.5	564.2	447.1	450.0	438.7	410.5	379.4
77.5°	3278.2	3200.6	2945.3	998.7	667.2	448.6	365.3	368.2	359.7	334.3	301.9
80°	2206.1	2153.9	1996.0	643.2	445.7	324.4	282.1	284.9	283.5	256.7	213.0
82.5°	1359.8	1337.2	1286.4	434.5	308.9	232.7	186.2	194.7	210.2	180.6	145.3
85°	641.8	643.2	777.2	237.0	182.0	149.5	101.6	108.6	108.6	108.6	81.8
87.5°	83.2	87.5	107.2	100.2	66.3	56.4	36.7	31.0	26.8	35.3	25.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5365.8	5365.8	5365.8	5365.8	5365.8	5365.8	5365.8	5365.8	5365.8	5365.8	5365.8
2.5°	4654.9	4626.7	4566.0	4551.9	4543.4	4567.4	4503.9	4520.9	4492.7	4571.6	4559.0
5°	3897.4	3900.2	3949.6	3982.0	3993.3	3982.0	3939.7	3866.4	3809.9	3787.4	3793.0
7.5°	3358.6	3407.9	3492.6	3587.1	3673.1	3698.5	3674.5	3534.9	3382.5	3286.6	3255.6
10°	3179.4	3245.7	3343.0	3417.8	3494.0	3554.6	3567.3	3458.7	3278.2	3051.1	2962.2
12.5°	3189.3	3279.6	3372.7	3396.6	3389.6	3413.6	3402.3	3383.9	3265.5	2976.3	2828.2
15°	3096.2	3203.4	3268.3	3255.6	3233.0	3211.9	3182.2	3135.7	3093.4	2890.3	2726.6
17.5°	2881.8	2991.8	3045.4	3049.6	3049.6	3044.0	2972.1	2955.1	2949.5	2850.8	2750.6
20°	2921.3	2981.9	2958.0	2918.5	2929.7	2967.8	2925.5	2917.1	2949.5	2993.2	2974.9
22.5°	2943.9	2922.7	2742.1	2567.2	2527.7	2646.2	2670.2	2764.7	2895.9	3053.9	3156.8
25°	2804.2	2633.5	2310.5	2113.0	2001.6	2111.6	2255.5	2430.4	2626.5	2829.6	2949.5
27.5°	2344.4	2214.6	1983.3	1805.5	1708.2	1725.1	1847.8	2007.2	2189.2	2326.0	2413.5
30°	1766.0	1708.2	1588.3	1527.6	1468.4	1454.3	1506.5	1567.1	1647.5	1664.5	1687.0
32.5°	1300.5	1292.1	1299.1	1279.4	1268.1	1266.7	1251.2	1265.3	1273.7	1283.6	1263.9
35°	1176.4	1165.1	1145.4	1139.7	1132.7	1135.5	1128.5	1121.4	1127.0	1135.5	1141.1
37.5°	1112.9	1096.0	1067.8	1057.9	1057.9	1062.2	1050.9	1048.1	1057.9	1084.7	1098.8
40°	1063.6	1043.8	1011.4	998.7	1007.1	1018.4	1002.9	997.3	1021.3	1049.5	1072.0
42.5°	1017.0	1001.5	970.5	956.4	963.4	984.6	962.0	957.8	988.8	1019.8	1046.6
45°	977.5	962.0	933.8	926.7	929.6	949.3	933.8	933.8	963.4	997.3	1021.3
47.5°	946.5	926.7	908.4	902.8	905.6	916.9	914.0	914.0	942.3	977.5	1001.5
50°	915.5	898.5	874.6	877.4	884.4	899.9	898.5	902.8	931.0	974.7	1000.1
52.5°	901.4	876.0	849.2	852.0	873.1	891.5	885.8	890.1	922.5	1004.3	1041.0
55°	885.8	852.0	820.9	825.2	849.2	876.0	868.9	874.6	912.6	1024.1	1074.9
57.5°	856.2	816.7	782.9	785.7	820.9	849.2	837.9	844.9	890.1	1002.9	1056.5
58°	843.5	809.7	777.2	778.6	812.5	843.5	830.8	836.5	883.0	997.3	1048.1
60°	789.9	770.2	742.0	743.4	775.8	802.6	795.6	801.2	846.3	956.4	994.4
62.5°	716.6	705.3	698.2	698.2	718.0	743.4	750.4	757.5	798.4	864.7	898.5
65°	637.6	637.6	639.0	639.0	651.7	684.1	688.4	706.7	744.8	777.2	802.6
67.5°	584.0	581.2	584.0	576.9	582.6	602.3	623.5	640.4	679.9	702.5	710.9
70°	514.9	513.4	514.9	505.0	512.0	529.0	543.1	571.3	612.2	629.1	633.3
72.5°	447.1	447.1	450.0	442.9	442.9	461.3	471.1	502.2	540.2	550.1	551.5
75°	376.6	380.9	380.9	371.0	373.8	385.1	397.8	423.2	458.4	465.5	465.5
77.5°	299.0	314.6	314.6	304.7	308.9	310.3	327.3	339.9	366.7	369.6	358.3
80°	217.2	232.7	245.4	237.0	244.0	235.6	245.4	253.9	280.7	268.0	249.7
82.5°	155.2	166.4	176.3	177.7	170.7	155.2	167.9	169.3	182.0	165.0	155.2
85°	86.0	95.9	108.6	103.0	91.7	81.8	86.0	88.9	87.5	83.2	77.6
87.5°	22.6	24.0	26.8	19.7	18.3	15.5	21.2	21.2	24.0	25.4	24.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	5365.8	5365.8	5365.8	5365.8	5365.8	5365.8	5365.8	5365.8	5365.8	5365.8	5365.8
2.5°	4568.8	4630.9	4764.9	4866.5	4990.6	5141.5	5319.2	5498.4	5691.6	5752.3	5836.9
5°	3780.3	3935.5	4000.4	4185.2	4368.5	4643.6	4937.0	5276.9	5649.3	5828.5	6000.6
7.5°	3230.2	3313.4	3381.1	3516.5	3736.6	4070.9	4439.1	4863.6	5391.2	5652.1	5904.6
10°	2934.0	2942.4	3025.7	3193.5	3385.4	3680.2	4028.6	4503.9	5092.1	5409.5	5705.7
12.5°	2737.9	2701.2	2791.5	2966.4	3183.6	3455.9	3776.1	4228.9	4876.3	5202.2	5560.5
15°	2565.8	2508.0	2575.7	2754.8	2969.2	3289.4	3633.6	4113.2	4791.7	5171.1	5568.9
17.5°	2570.1	2410.7	2434.6	2585.6	2798.6	3124.4	3541.9	4109.0	4920.1	5357.3	5828.5
20°	2887.4	2632.1	2523.5	2551.7	2757.7	3113.1	3584.3	4306.5	5341.8	5979.4	6483.0
22.5°	3199.2	3045.4	2870.5	2812.7	2925.5	3297.9	3853.7	4773.4	6258.7	7219.3	8129.1
25°	3090.6	3221.7	3178.0	3096.2	3121.6	3430.5	4037.0	5157.0	6971.0	8052.9	8907.7
27.5°	2472.7	2711.1	2759.1	2757.7	2767.5	3021.4	3630.8	4898.9	7059.9	8212.3	9029.0
30°	1737.8	1759.0	1784.4	1833.7	1878.9	2106.0	2840.9	4300.8	7020.4	8284.3	9102.4
32.5°	1254.0	1282.2	1317.5	1385.2	1492.4	1781.5	2485.4	4110.4	7229.2	8581.9	9316.8
35°	1146.8	1179.2	1213.1	1290.7	1392.2	1660.2	2344.4	4031.4	7571.9	9064.3	9701.9
37.5°	1112.9	1149.6	1179.2	1235.7	1317.5	1572.8	2216.0	3977.8	7923.2	9574.9	10218.1
40°	1089.0	1131.3	1155.3	1200.4	1256.8	1492.4	2101.7	3935.5	8263.1	10041.8	10632.9
42.5°	1067.8	1111.5	1142.6	1175.0	1221.6	1420.4	2000.2	3893.2	8557.9	10494.6	11046.1
45°	1042.4	1097.4	1136.9	1162.3	1203.2	1359.8	1922.6	3859.3	8893.6	10896.6	11463.7
47.5°	1021.3	1081.9	1131.3	1160.9	1176.4	1317.5	1860.5	3905.9	9297.0	11317.0	11851.6
50°	1022.7	1080.5	1142.6	1189.1	1148.2	1282.2	1822.5	4090.6	9821.8	11816.3	12157.7
52.5°	1067.8	1138.3	1187.7	1199.0	1108.7	1239.9	1802.7	4413.7	10442.4	12257.8	12466.6
55°	1118.6	1191.9	1245.5	1238.5	1087.5	1186.3	1798.5	4757.8	11122.3	12772.7	12868.6
57.5°	1100.2	1207.4	1289.3	1252.6	1089.0	1134.1	1780.1	5035.7	11690.8	13157.8	13266.4
58°	1094.6	1201.8	1294.9	1249.8	1084.7	1118.6	1775.9	5059.7	11769.8	13184.6	13322.8
60°	1039.6	1152.4	1290.7	1228.6	1060.7	1076.3	1729.4	5137.3	11748.6	13046.3	13356.7
62.5°	939.4	1032.5	1193.3	1125.6	987.4	1019.8	1625.0	5041.4	11175.9	12380.5	12861.5
65°	826.6	895.7	1002.9	990.2	883.0	962.0	1482.5	4661.9	10029.1	11300.0	11806.4
67.5°	742.0	798.4	866.1	847.8	794.1	884.4	1328.8	4020.1	8742.7	10002.3	10639.9
70°	655.9	699.6	733.5	720.8	703.9	808.3	1191.9	3262.6	7509.9	8769.5	9387.3
72.5°	568.5	609.4	637.6	619.2	609.4	727.9	1080.5	2532.0	5931.4	7234.8	8028.9
75°	475.4	516.3	536.0	514.9	509.2	641.8	915.5	1891.6	4450.3	5577.4	6262.9
77.5°	368.2	411.9	437.3	430.2	433.0	527.6	739.1	1294.9	3182.2	3801.5	4523.7
80°	258.1	306.1	323.0	316.0	335.7	402.0	521.9	822.4	2194.8	2467.1	2976.3
82.5°	159.4	204.5	207.4	214.4	228.5	297.6	393.5	500.8	1378.1	1424.7	1794.2
85°	80.4	97.3	104.4	115.7	128.4	182.0	224.3	310.3	887.2	671.4	1002.9
87.5°	26.8	28.2	33.9	42.3	52.2	74.8	95.9	127.0	220.0	121.3	310.3
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: P455222

CATALOG NUMBER: GALN-SA6B-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5365.8	5365.8	5365.8	5365.8	5365.8	5365.8	5365.8	5365.8	5365.8	5365.8
2.5°	6007.6	6127.5	6215.0	6295.4	6217.8	6210.7	6134.6	6011.8	5961.1	5961.1
5°	6361.7	6642.4	6869.5	7014.7	6952.7	6803.2	6556.3	6241.8	6072.5	6042.9
7.5°	6459.0	7013.3	7435.1	7584.6	7480.2	7150.2	6677.6	6147.2	5904.6	5851.0
10°	6399.7	7120.5	7739.8	7976.8	7831.5	7332.1	6687.5	6037.2	5738.2	5676.1
12.5°	6337.7	7134.6	7796.2	8139.0	8044.5	7478.8	6759.4	5965.3	5619.7	5530.8
15°	6382.8	7140.3	7727.1	8081.1	8141.8	7655.1	6877.9	6017.5	5595.7	5501.2
17.5°	6667.7	7247.5	7628.3	7914.7	8127.7	7894.9	7215.0	6267.1	5810.1	5693.0
20°	7263.0	7504.2	7684.8	7906.2	8249.0	8384.4	7904.8	6952.7	6412.4	6309.5
22.5°	8986.7	8943.0	8573.4	8569.2	9065.7	9608.8	9576.3	8346.3	7533.8	7449.2
25°	9632.8	9429.6	8895.0	8765.3	8983.9	9821.8	9700.5	8631.3	7880.8	7674.9
27.5°	9380.3	8876.7	8525.5	8495.8	8423.9	9215.2	9507.2	8746.9	8002.1	7801.8
30°	9364.8	8624.2	8122.0	8181.3	8250.4	9006.5	9614.4	9109.4	8312.5	8098.1
32.5°	9402.8	8659.5	8151.7	8162.9	8368.9	9037.5	9732.9	9504.4	8720.1	8505.7
35°	9556.6	8859.8	8340.7	8313.9	8635.5	9240.6	9934.6	10125.0	9277.3	9033.3
37.5°	9804.8	9259.0	8686.3	8679.2	9146.1	9607.4	10185.7	10751.3	9831.7	9569.3
40°	10170.2	9725.9	9301.3	9263.2	9840.1	10204.0	10511.5	11418.5	10476.3	10139.2
42.5°	10611.7	10285.9	10112.4	10263.3	10817.6	10874.1	11019.3	12035.0	11025.0	10632.9
45°	11020.8	11005.2	11246.4	11647.0	11970.1	11631.5	11549.7	12448.3	11451.0	11025.0
47.5°	11507.4	11927.8	12655.6	13242.4	13580.9	12513.1	12002.5	12717.7	11761.3	11369.2
50°	12001.1	13032.2	14194.5	15012.7	15084.6	13470.9	12314.2	12971.6	12043.4	11635.8
52.5°	12520.2	13913.8	15461.2	16411.9	16272.3	14304.6	12616.1	13143.7	12334.0	11975.7
55°	12971.6	14454.1	16169.3	17082.0	16877.4	14812.4	12941.9	13329.9	12748.7	12446.8
57.5°	13224.1	14499.2	15993.0	16790.0	16568.5	14713.6	13091.5	13468.1	13013.9	12776.9
58°	13260.7	14438.6	15836.4	16620.7	16395.0	14630.4	13090.1	13462.4	13030.8	12792.4
60°	13228.3	14045.0	15253.9	15952.1	15715.1	14108.5	13036.5	13356.7	12816.4	12614.7
62.5°	12927.8	13362.3	14248.1	14755.9	14688.2	13293.2	12816.4	12957.5	12163.3	11968.7
65°	12532.9	12431.3	12960.3	13320.0	13370.8	12682.4	12597.8	12094.2	11325.4	11050.4
67.5°	12053.3	11376.2	11374.8	11579.3	11664.0	11743.0	12142.2	11156.2	10118.0	9827.4
70°	11239.4	9749.8	9301.3	9542.5	9472.0	10139.2	11328.3	9838.7	8662.3	8322.3
72.5°	9747.0	7737.0	7019.0	7329.3	7151.6	7951.4	9912.1	8096.7	7162.9	6745.3
75°	7900.6	5787.6	5047.0	5331.9	5221.9	6031.6	8247.6	5880.7	5137.3	4977.9
77.5°	6134.6	4193.6	3763.4	3723.9	3805.7	4488.4	6049.9	3970.7	3386.8	3278.2
80°	3941.1	3001.7	3027.1	2976.3	3018.6	2829.6	3673.1	2533.4	2293.6	2206.1
82.5°	2594.0	2091.9	2493.9	2302.0	2186.4	1902.9	2409.2	1658.8	1407.7	1359.8
85°	1767.4	1540.3	1402.1	1072.0	1262.5	1465.6	1806.9	892.9	708.1	641.8
87.5°	798.4	536.0	393.5	242.6	383.7	442.9	877.4	104.4	80.4	83.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)