

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: P454004

Luminaire Tested: **GALN-SA5A-750-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P454004
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-SA5A-750-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(5) 70 CRI, 5000K, 615mA 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: 19741 lumens
Efficiency: N/A
Efficacy: 128.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G3

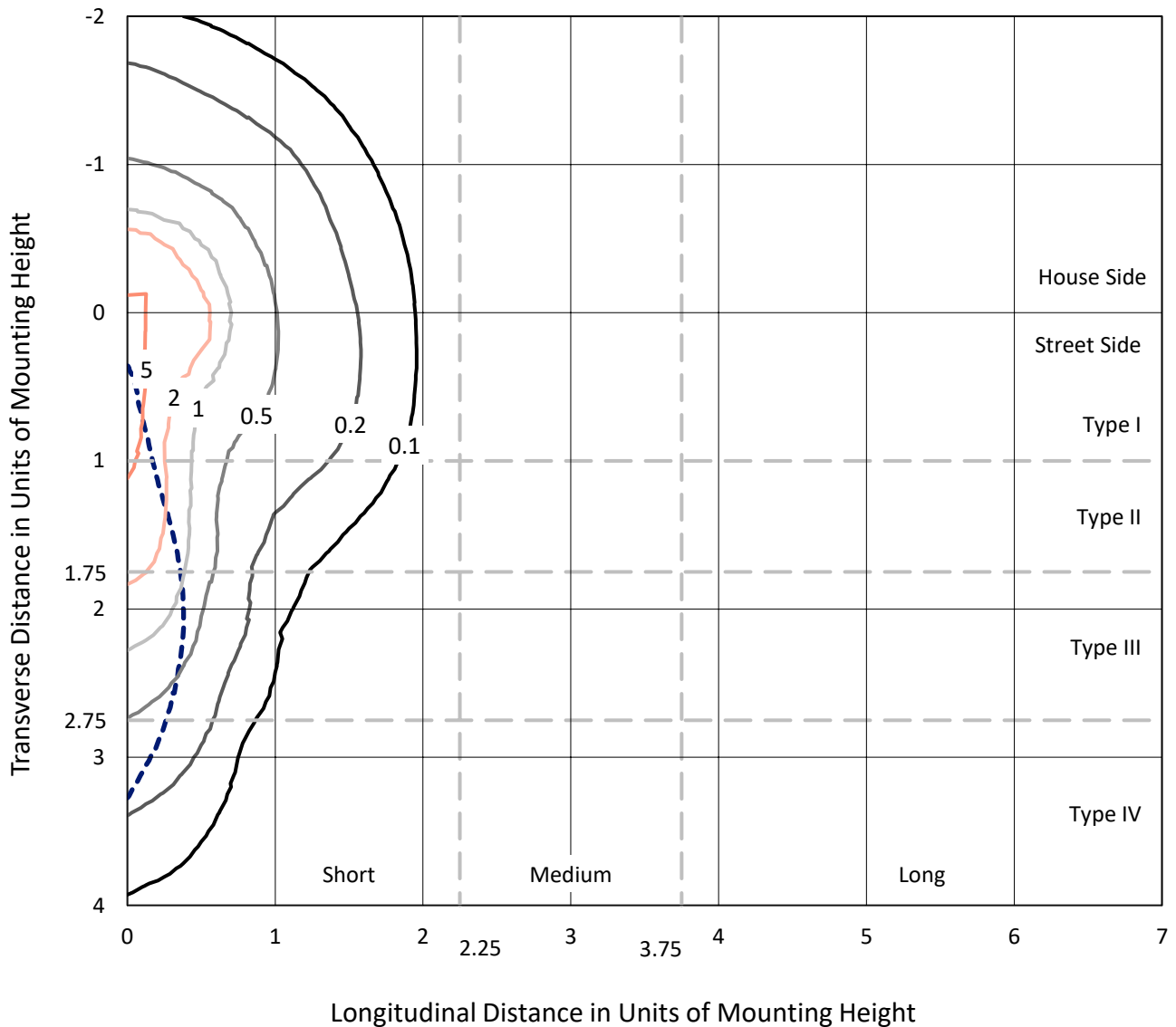
Input Watts (W): 154
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

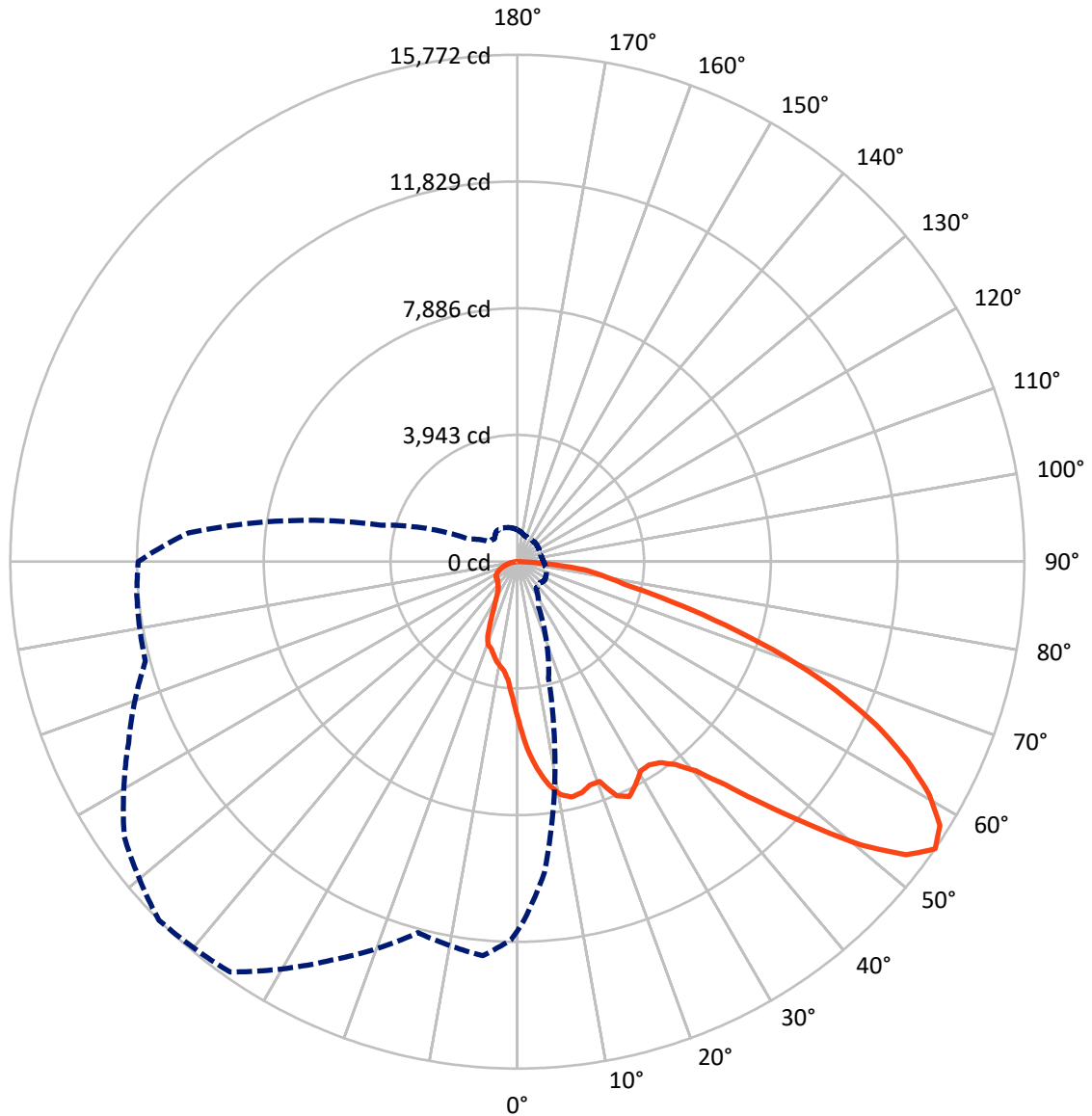
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.5 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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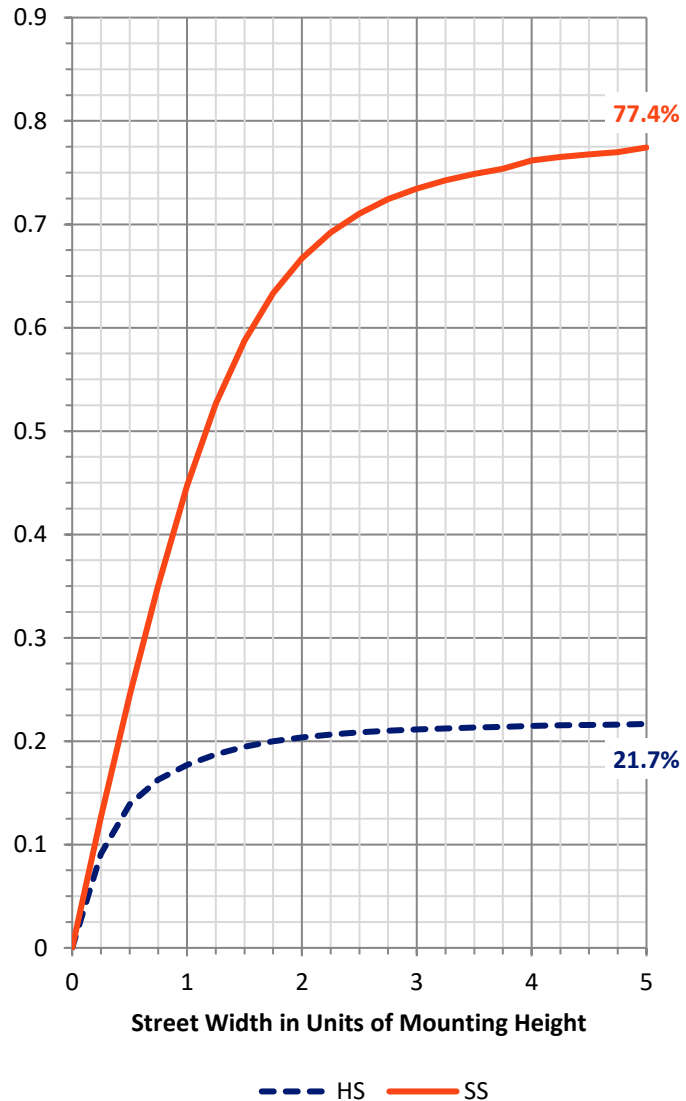
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4318.3	0.0	4318.3
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	15422.8	0.0	15422.8
	% Fixture	78.1	0.0	78.1
Total	Lumens	19741.0	0.0	19741.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	419.9	2.1
10°-20°	1114.0	5.6
20°-30°	1924.4	9.7
30°-40°	2236.5	11.3
40°-50°	3120.3	15.8
50°-60°	4234.0	21.4
60°-70°	4028.1	20.4
70°-80°	2176.1	11.0
80°-90°	487.7	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°	19741.0	100.0
0°-180°	19741.0	100.0

Coefficient of Utilization



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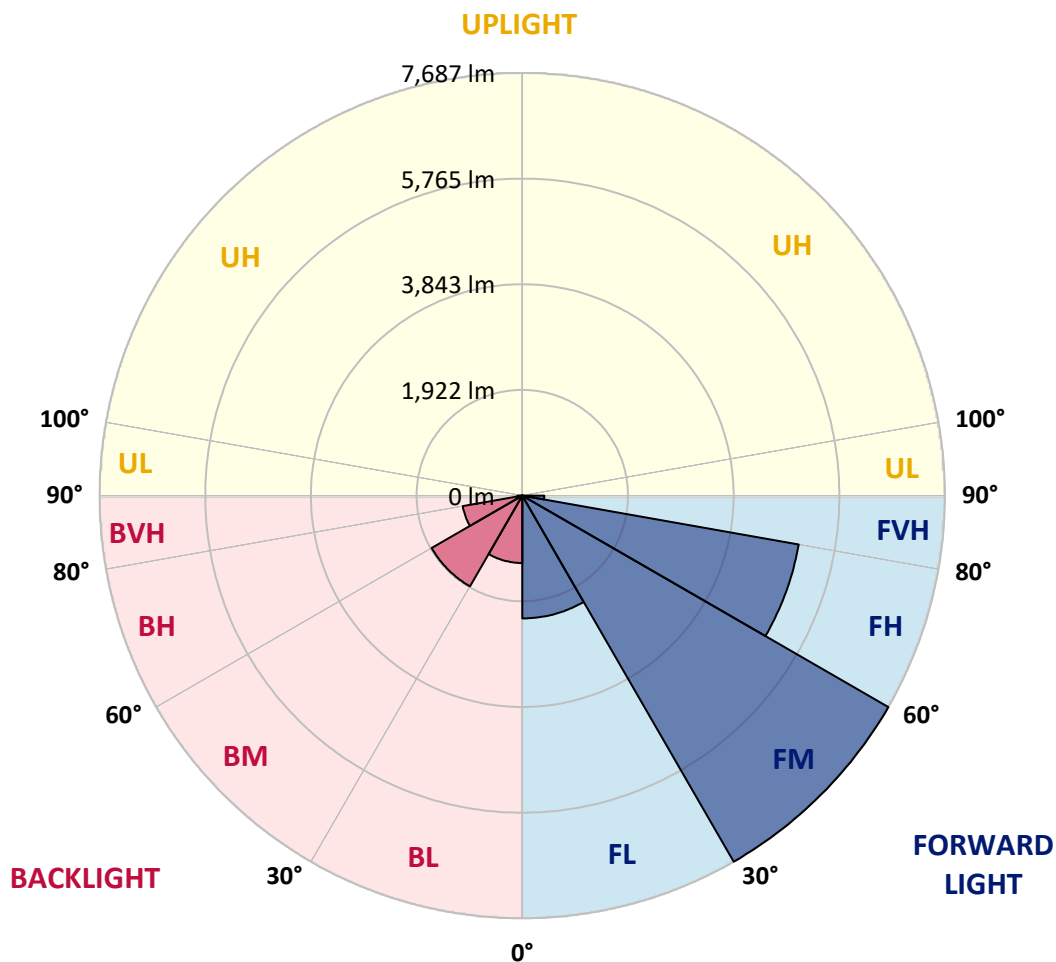
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2232.8	11.3			
FM	(30°-60°)	7686.7	38.9			
FH	(60°-80°)	5104.7	25.9			G3/7500
FVH	(80°-90°)	398.6	2.0			G3/500
BL	(0°-30°)	1225.5	6.2	B3/2500		
BM	(30°-60°)	1904.1	9.6	B2/2500		
BH	(60°-80°)	1099.5	5.6	B3/2500		G3/2500
BVH	(80°-90°)	89.1	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°	4954.2	4954.2	4954.2	4954.2	4954.2	4954.2	4954.2	4954.2	4954.2	4954.2	4954.2
2.5°	5503.8	5483.0	5424.4	5270.7	5115.7	4958.1	4837.0	4685.9	4528.3	4443.7	4335.6
5°	5579.4	5555.9	5417.9	5071.4	4757.6	4428.1	4165.0	3934.5	3840.7	3702.6	3591.9
7.5°	5402.2	5391.8	5184.7	4687.2	4257.5	3826.4	3528.1	3343.2	3175.2	3112.7	3125.7
10°	5240.7	5199.1	4939.9	4290.0	3788.6	3438.3	3224.7	3043.6	2925.1	2893.9	2900.4
12.5°	5106.6	5050.6	4744.5	4023.0	3584.1	3304.1	3031.9	2843.1	2735.0	2764.9	2866.5
15°	5079.2	5003.7	4662.5	3931.9	3472.1	3111.4	2813.1	2595.6	2514.9	2580.0	2742.8
17.5°	5256.4	5161.3	4803.1	3961.8	3365.3	2914.7	2548.7	2300.0	2232.3	2336.5	2548.7
20°	5825.5	5684.9	5242.0	4135.0	3354.9	2817.0	2395.1	2145.0	2173.7	2371.6	2593.0
22.5°	6877.8	6666.8	6010.4	4387.7	3409.6	2792.3	2363.8	2233.6	2391.2	2559.2	2705.0
25°	7086.2	6920.8	6148.5	4445.0	3397.9	2775.4	2452.4	2517.5	2693.3	2776.7	2725.9
27.5°	7203.4	7014.6	6139.4	4161.1	3038.4	2517.5	2344.3	2452.4	2496.6	2415.9	2277.8
30°	7476.9	7280.3	6294.4	3862.8	2501.9	1867.6	1637.1	1592.8	1622.8	1638.4	1588.9
32.5°	7853.3	7659.2	6586.1	3667.5	2163.2	1544.6	1318.0	1255.5	1241.2	1224.2	1204.7
35°	8340.4	8042.1	6872.6	3542.4	2023.9	1428.7	1220.3	1172.1	1152.6	1129.2	1108.3
37.5°	8835.3	8522.7	7234.7	3410.9	1931.4	1348.0	1155.2	1133.1	1099.2	1074.5	1044.5
40°	9361.4	9011.1	7564.2	3296.3	1841.6	1295.9	1108.3	1105.7	1061.4	1032.8	997.6
42.5°	9817.3	9456.5	7858.5	3226.0	1772.5	1241.2	1079.7	1087.5	1041.9	998.9	953.3
45°	10179.3	9825.1	8130.7	3226.0	1716.5	1186.5	1074.5	1069.2	1023.7	970.3	918.2
47.5°	10497.1	10131.1	8396.4	3308.0	1681.4	1140.9	1045.8	1054.9	1008.0	940.3	889.5
50°	10743.3	10420.3	8754.5	3435.7	1646.2	1104.4	1009.3	1058.8	995.0	924.7	866.1
52.5°	11057.1	10768.0	9185.6	3610.2	1616.2	1064.0	976.8	1058.8	993.7	926.0	862.2
55°	11492.1	11187.4	9705.3	3754.7	1568.1	1026.3	948.1	1028.9	989.8	919.5	851.8
57.5°	11796.9	11569.0	10072.5	3851.1	1499.0	978.1	922.1	1000.2	972.9	894.7	820.5
58°	11811.2	11588.5	10125.9	3873.3	1482.1	969.0	915.6	987.2	965.1	884.3	810.1
60°	11647.1	11455.7	10136.4	3842.0	1385.7	923.4	881.7	933.8	923.4	823.1	754.1
62.5°	11050.6	10846.1	9715.7	3588.0	1258.1	867.4	829.6	862.2	838.7	737.1	673.3
65°	10202.8	9826.4	8850.9	3189.5	1166.9	807.5	759.3	761.9	737.1	664.2	608.2
67.5°	9073.6	8653.0	7493.8	2688.1	1097.9	741.0	675.9	669.4	639.5	592.6	547.0
70°	7684.0	7396.2	6089.9	2186.7	1021.1	668.1	582.2	578.3	560.0	524.9	484.5
72.5°	6227.9	5862.0	4917.8	1750.4	927.3	597.8	494.9	502.7	479.3	454.5	418.1
75°	4596.1	4356.4	3801.6	1404.0	801.0	520.9	412.9	415.5	405.0	379.0	350.3
77.5°	3026.7	2955.1	2719.4	922.1	616.0	414.2	337.3	339.9	332.1	308.7	278.7
80°	2036.9	1988.7	1842.9	593.9	411.5	299.5	260.5	263.1	261.8	237.0	196.7
82.5°	1255.5	1234.6	1187.8	401.1	285.2	214.9	171.9	179.7	194.1	166.7	134.1
85°	592.6	593.9	717.6	218.8	168.0	138.1	93.8	100.3	100.3	100.3	75.5
87.5°	76.8	80.7	99.0	92.5	61.2	52.1	33.9	28.7	24.7	32.6	23.4
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°	4954.2	4954.2	4954.2	4954.2	4954.2	4954.2	4954.2	4954.2	4954.2	4954.2	4954.2
2.5°	4297.8	4271.8	4215.8	4202.8	4194.9	4217.1	4158.5	4174.1	4148.1	4221.0	4209.3
5°	3598.5	3601.1	3646.6	3676.6	3687.0	3676.6	3637.5	3569.8	3517.7	3496.9	3502.1
7.5°	3100.9	3146.5	3224.7	3311.9	3391.4	3414.8	3392.7	3263.7	3123.1	3034.5	3005.9
10°	2935.5	2996.8	3086.6	3155.6	3226.0	3282.0	3293.7	3193.4	3026.7	2817.0	2735.0
12.5°	2944.7	3028.0	3114.0	3136.1	3129.6	3151.7	3141.3	3124.4	3015.0	2748.0	2611.3
15°	2858.7	2957.7	3017.6	3005.9	2985.0	2965.5	2938.1	2895.2	2856.1	2668.6	2517.5
17.5°	2660.7	2762.3	2811.8	2815.7	2815.7	2810.5	2744.1	2728.5	2723.3	2632.1	2539.6
20°	2697.2	2753.2	2731.1	2694.6	2705.0	2740.2	2701.1	2693.3	2723.3	2763.6	2746.7
22.5°	2718.0	2698.5	2531.8	2370.3	2333.8	2443.2	2465.4	2552.6	2673.8	2819.6	2914.7
25°	2589.1	2431.5	2133.3	1951.0	1848.1	1949.6	2082.5	2244.0	2425.0	2612.6	2723.3
27.5°	2164.5	2044.7	1831.1	1667.0	1577.2	1592.8	1706.1	1853.3	2021.3	2147.6	2228.4
30°	1630.6	1577.2	1466.5	1410.5	1355.8	1342.7	1390.9	1446.9	1521.2	1536.8	1557.6
32.5°	1200.8	1193.0	1199.5	1181.3	1170.8	1169.5	1155.2	1168.2	1176.0	1185.2	1166.9
35°	1086.2	1075.8	1057.5	1052.3	1045.8	1048.4	1041.9	1035.4	1040.6	1048.4	1053.6
37.5°	1027.6	1011.9	985.9	976.8	976.8	980.7	970.3	967.7	976.8	1001.5	1014.5
40°	982.0	963.8	933.8	922.1	929.9	940.3	926.0	920.8	942.9	969.0	989.8
42.5°	939.0	924.7	896.0	883.0	889.5	909.1	888.2	884.3	913.0	941.6	966.4
45°	902.5	888.2	862.2	855.7	858.3	876.5	862.2	862.2	889.5	920.8	942.9
47.5°	873.9	855.7	838.7	833.5	836.1	846.5	843.9	843.9	870.0	902.5	924.7
50°	845.2	829.6	807.5	810.1	816.6	830.9	829.6	833.5	859.6	899.9	923.4
52.5°	832.2	808.8	784.0	786.6	806.2	823.1	817.9	821.8	851.8	927.3	961.1
55°	817.9	786.6	758.0	761.9	784.0	808.8	802.3	807.5	842.6	945.5	992.4
57.5°	790.5	754.1	722.8	725.4	758.0	784.0	773.6	780.1	821.8	926.0	975.5
58°	778.8	747.6	717.6	718.9	750.2	778.8	767.1	772.3	815.3	920.8	967.7
60°	729.3	711.1	685.0	686.3	716.3	741.0	734.5	739.7	781.4	883.0	918.2
62.5°	661.6	651.2	644.7	644.7	662.9	686.3	692.9	699.4	737.1	798.4	829.6
65°	588.7	588.7	590.0	590.0	601.7	631.7	635.6	652.5	687.7	717.6	741.0
67.5°	539.2	536.6	539.2	532.7	537.9	556.1	575.6	591.3	627.7	648.6	656.4
70°	475.4	474.1	475.4	466.2	472.8	488.4	501.4	527.5	565.2	580.9	584.8
72.5°	412.9	412.9	415.5	408.9	408.9	425.9	435.0	463.6	498.8	507.9	509.2
75°	347.7	351.6	351.6	342.5	345.1	355.5	367.3	390.7	423.3	429.8	429.8
77.5°	276.1	290.4	290.4	281.3	285.2	286.5	302.2	313.9	338.6	341.2	330.8
80°	200.6	214.9	226.6	218.8	225.3	217.5	226.6	234.4	259.2	247.5	230.5
82.5°	143.3	153.7	162.8	164.1	157.6	143.3	155.0	156.3	168.0	152.4	143.3
85°	79.4	88.6	100.3	95.1	84.7	75.5	79.4	82.0	80.7	76.8	71.6
87.5°	20.8	22.1	24.7	18.2	16.9	14.3	19.5	19.5	22.1	23.4	22.1
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°	4954.2	4954.2	4954.2	4954.2	4954.2	4954.2	4954.2	4954.2	4954.2	4954.2	4954.2
2.5°	4218.4	4275.7	4399.4	4493.2	4607.8	4747.1	4911.2	5076.6	5255.1	5311.1	5389.2
5°	3490.4	3633.6	3693.5	3864.1	4033.4	4287.4	4558.3	4872.2	5216.0	5381.4	5540.3
7.5°	2982.4	3059.3	3121.8	3246.8	3450.0	3758.6	4098.6	4490.6	4977.7	5218.6	5451.7
10°	2708.9	2716.7	2793.6	2948.6	3125.7	3397.9	3719.6	4158.5	4701.6	4994.6	5268.1
12.5°	2527.9	2494.0	2577.4	2738.9	2939.5	3190.8	3486.4	3904.5	4502.3	4803.1	5133.9
15°	2369.0	2315.6	2378.1	2543.5	2741.5	3037.1	3354.9	3797.7	4424.2	4774.5	5141.8
17.5°	2372.9	2225.8	2247.9	2387.2	2583.9	2884.8	3270.3	3793.8	4542.7	4946.4	5381.4
20°	2666.0	2430.2	2329.9	2356.0	2546.1	2874.3	3309.3	3976.1	4932.1	5520.8	5985.7
22.5°	2953.8	2811.8	2650.3	2596.9	2701.1	3044.9	3558.1	4407.2	5778.6	6665.5	7505.6
25°	2853.5	2974.6	2934.2	2858.7	2882.1	3167.4	3727.4	4761.5	6436.3	7435.2	8224.5
27.5°	2283.1	2503.2	2547.4	2546.1	2555.3	2789.7	3352.3	4523.1	6518.4	7582.4	8336.5
30°	1604.5	1624.1	1647.5	1693.1	1734.8	1944.4	2623.0	3970.9	6481.9	7648.8	8404.2
32.5°	1157.8	1183.9	1216.4	1278.9	1377.9	1644.9	2294.8	3795.1	6674.7	7923.6	8602.2
35°	1058.8	1088.8	1120.0	1191.7	1285.4	1532.9	2164.5	3722.2	6991.1	8369.0	8957.7
37.5°	1027.6	1061.4	1088.8	1140.9	1216.4	1452.1	2046.0	3672.7	7315.4	8840.5	9434.4
40°	1005.4	1044.5	1066.6	1108.3	1160.4	1377.9	1940.5	3633.6	7629.3	9271.6	9817.3
42.5°	985.9	1026.3	1054.9	1084.9	1127.9	1311.5	1846.8	3594.5	7901.5	9689.6	10198.9
45°	962.5	1013.2	1049.7	1073.2	1110.9	1255.5	1775.1	3563.3	8211.5	10060.8	10584.4
47.5°	942.9	998.9	1044.5	1071.9	1086.2	1216.4	1717.8	3606.3	8583.9	10448.9	10942.5
50°	944.2	997.6	1054.9	1097.9	1060.1	1183.9	1682.7	3776.9	9068.4	10910.0	11225.1
52.5°	985.9	1051.0	1096.6	1107.0	1023.7	1144.8	1664.4	4075.1	9641.5	11317.6	11510.4
55°	1032.8	1100.5	1150.0	1143.5	1004.1	1095.3	1660.5	4392.9	10269.2	11793.0	11881.5
57.5°	1015.8	1114.8	1190.4	1156.5	1005.4	1047.1	1643.6	4649.5	10794.1	12148.5	12248.8
58°	1010.6	1109.6	1195.6	1153.9	1001.5	1032.8	1639.7	4671.6	10867.0	12173.3	12300.9
60°	959.8	1064.0	1191.7	1134.4	979.4	993.7	1596.7	4743.2	10847.4	12045.6	12332.2
62.5°	867.4	953.3	1101.8	1039.3	911.7	941.6	1500.3	4654.7	10318.7	11430.9	11875.0
65°	763.2	827.0	926.0	914.3	815.3	888.2	1368.8	4304.3	9259.9	10433.3	10900.8
67.5°	685.0	737.1	799.7	782.7	733.2	816.6	1226.8	3711.8	8072.1	9235.1	9823.8
70°	605.6	646.0	677.2	665.5	649.9	746.3	1100.5	3012.4	6933.8	8096.8	8667.3
72.5°	524.9	562.6	588.7	571.7	562.6	672.0	997.6	2337.8	5476.5	6679.9	7413.1
75°	438.9	476.7	494.9	475.4	470.2	592.6	845.2	1746.5	4109.0	5149.6	5782.5
77.5°	339.9	380.3	403.7	397.2	399.8	487.1	682.4	1195.6	2938.1	3509.9	4176.7
80°	238.3	282.6	298.2	291.7	310.0	371.2	481.9	759.3	2026.5	2277.8	2748.0
82.5°	147.2	188.8	191.4	198.0	211.0	274.8	363.4	462.3	1272.4	1315.4	1656.6
85°	74.2	89.9	96.4	106.8	118.5	168.0	207.1	286.5	819.2	619.9	926.0
87.5°	24.7	26.0	31.3	39.1	48.2	69.0	88.6	117.2	203.2	112.0	286.5
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: P454004

CATALOG NUMBER: GALN-SA5A-750-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4954.2	4954.2	4954.2	4954.2	4954.2	4954.2	4954.2	4954.2	4954.2	4954.2
2.5°	5546.8	5657.5	5738.2	5812.5	5740.9	5734.3	5664.0	5550.7	5503.8	5503.8
5°	5873.7	6132.9	6342.5	6476.7	6419.4	6281.3	6053.4	5763.0	5606.7	5579.4
7.5°	5963.6	6475.4	6864.8	7002.8	6906.5	6601.7	6165.4	5675.7	5451.7	5402.2
10°	5908.9	6574.4	7146.1	7364.9	7230.8	6769.7	6174.5	5574.1	5298.0	5240.7
12.5°	5851.6	6587.4	7198.2	7514.7	7427.4	6905.2	6241.0	5507.7	5188.6	5106.6
15°	5893.2	6592.6	7134.4	7461.3	7517.3	7068.0	6350.4	5555.9	5166.5	5079.2
17.5°	6156.3	6691.6	7043.2	7307.6	7504.3	7289.4	6661.6	5786.4	5364.5	5256.4
20°	6705.9	6928.6	7095.3	7299.8	7616.3	7741.3	7298.5	6419.4	5920.6	5825.5
22.5°	8297.4	8257.0	7915.8	7911.9	8370.3	8871.8	8841.8	7706.1	6956.0	6877.8
25°	8893.9	8706.4	8212.8	8092.9	8294.8	9068.4	8956.4	7969.2	7276.3	7086.2
27.5°	8660.8	8195.8	7871.5	7844.2	7777.8	8508.4	8778.0	8076.0	7388.4	7203.4
30°	8646.4	7962.7	7499.1	7553.8	7617.6	8315.6	8877.0	8410.7	7674.9	7476.9
32.5°	8681.6	7995.3	7526.4	7536.8	7727.0	8344.3	8986.4	8775.4	8051.3	7853.3
35°	8823.6	8180.2	7700.9	7676.2	7973.1	8531.8	9172.6	9348.4	8565.7	8340.4
37.5°	9052.8	8548.8	8020.0	8013.5	8444.6	8870.4	9404.4	9926.7	9077.5	8835.3
40°	9390.1	8979.8	8587.8	8552.7	9085.3	9421.4	9705.3	10542.7	9672.7	9361.4
42.5°	9797.7	9496.9	9336.7	9476.1	9987.9	10040.0	10174.1	11111.8	10179.3	9817.3
45°	10175.4	10161.1	10383.8	10753.7	11051.9	10739.4	10663.8	11493.4	10572.6	10179.3
47.5°	10624.7	11012.9	11684.9	12226.7	12539.2	11553.3	11081.9	11742.2	10859.2	10497.1
50°	11080.6	12032.6	13105.8	13861.1	13927.6	12437.6	11369.7	11976.6	11119.6	10743.3
52.5°	11559.8	12846.6	14275.3	15153.1	15024.2	13207.3	11648.4	12135.5	11387.9	11057.1
55°	11976.6	13345.4	14929.1	15771.7	15582.9	13676.2	11949.3	12307.4	11770.8	11492.1
57.5°	12209.7	13387.1	14766.3	15502.1	15297.7	13585.0	12087.3	12435.0	12015.7	11796.9
58°	12243.6	13331.1	14621.7	15345.8	15137.5	13508.2	12086.0	12429.8	12031.3	11811.2
60°	12213.6	12967.7	14083.8	14728.5	14509.7	13026.3	12036.5	12332.2	11833.3	11647.1
62.5°	11936.2	12337.4	13155.3	13624.1	13561.6	12273.5	11833.3	11963.6	11230.3	11050.6
65°	11571.6	11477.8	11966.2	12298.3	12345.2	11709.6	11631.5	11166.5	10456.7	10202.8
67.5°	11128.8	10503.6	10502.3	10691.2	10769.3	10842.2	11210.8	10300.5	9341.9	9073.6
70°	10377.3	9002.0	8587.8	8810.5	8745.4	9361.4	10459.3	9084.0	7997.9	7684.0
72.5°	8999.4	7143.5	6480.6	6767.1	6603.0	7341.5	9151.8	7475.6	6613.4	6227.9
75°	7294.6	5343.6	4659.9	4923.0	4821.4	5568.9	7615.0	5429.6	4743.2	4596.1
77.5°	5664.0	3871.9	3474.7	3438.3	3513.8	4144.1	5585.9	3666.2	3127.0	3026.7
80°	3638.8	2771.4	2794.9	2748.0	2787.1	2612.6	3391.4	2339.1	2117.7	2036.9
82.5°	2395.1	1931.4	2302.6	2125.5	2018.7	1756.9	2224.4	1531.6	1299.8	1255.5
85°	1631.9	1422.2	1294.6	989.8	1165.6	1353.2	1668.3	824.4	653.8	592.6
87.5°	737.1	494.9	363.4	224.0	354.2	408.9	810.1	96.4	74.2	76.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)