

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: P534010

Luminaire Tested: **GALN-SA9C-727-U-SLR-GRSWH**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P534010  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-26)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/27/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GALN-SA9C-727-U-SLR-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(9) 70 CRI, 2700K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS WITH WHITE GLARE REDUCTION SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 39697 lumens  
Efficiency: N/A  
Efficacy: 82.5 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B4 - U0 - G3

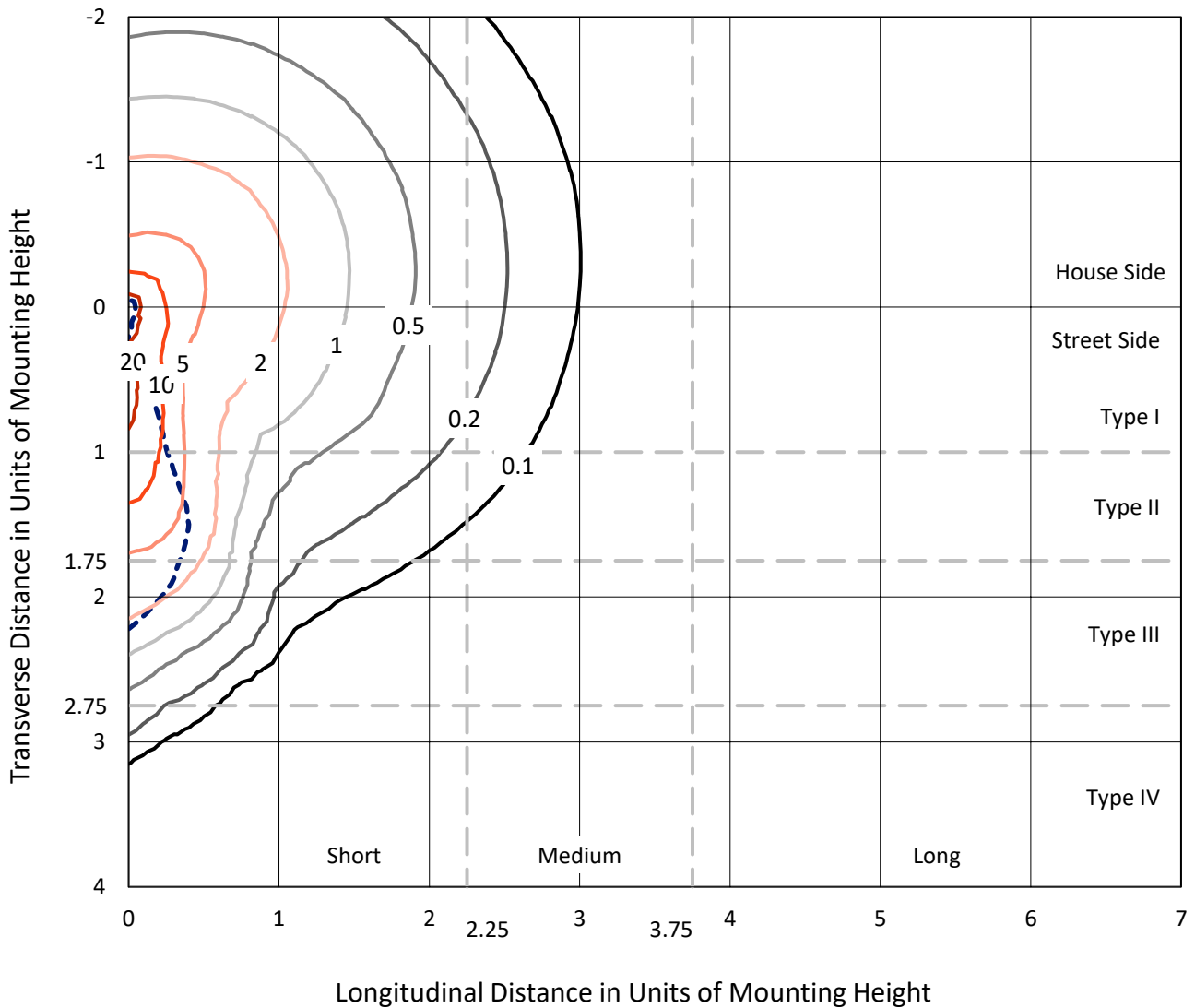
Input Watts (W): 481  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P534010  
 CATALOG NUMBER: GALN-SA9C-727-U-SLR-GRSWH

### Iso-Footcandle Lines of Horizontal Illumination

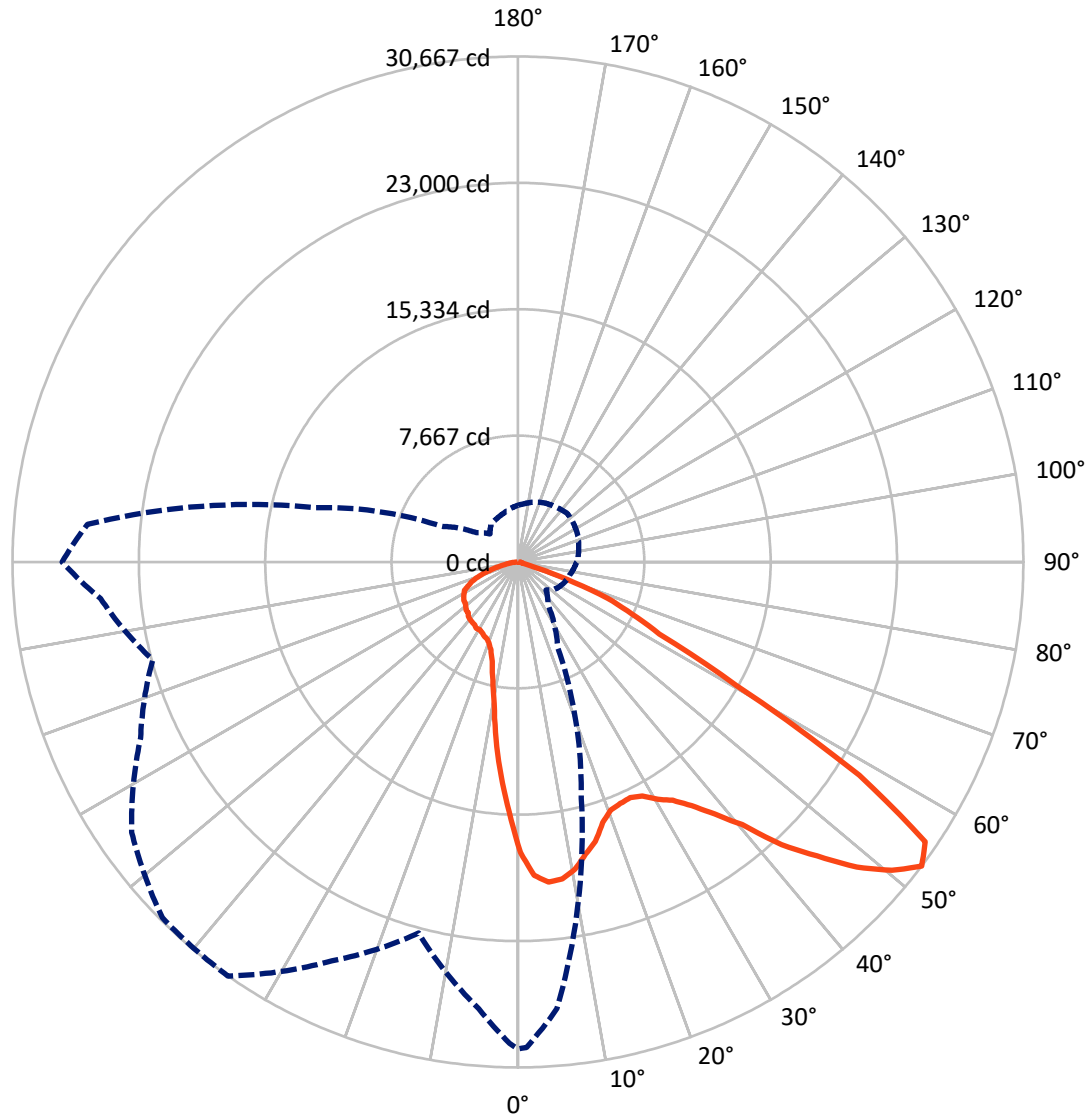
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 28.2 fc  
 Type III - Short - N/A

REPORT NUMBER: P534010  
CATALOG NUMBER: GALN-SA9C-727-U-SLR-GRSWH

### Luminous Intensity Polar Plot



— Vertical Plane Through 325-Deg Lateral    - - - Horizontal Cone Through 52.5-Deg Vertical

REPORT NUMBER: P534010  
 CATALOG NUMBER: GALN-SA9C-727-U-SLR-GRSWH

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	11967.0	0.0	11967.0
	% Fixture	30.1	0.0	30.1
<b>Street Side</b>	Lumens	27730.0	0.0	27730.0
	% Fixture	69.9	0.0	69.9
<b>Total</b>	Lumens	39697.0	0.0	39697.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1344.1	3.4
10°-20°	2913.8	7.3
20°-30°	4402.5	11.1
30°-40°	6361.8	16.0
40°-50°	8466.4	21.3
50°-60°	9469.8	23.9
60°-70°	5337.1	13.4
70°-80°	1189.7	3.0
80°-90°	211.9	0.5
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°	39697.0	100.0
0°-180°	39697.0	100.0

**Coefficient of Utilization**



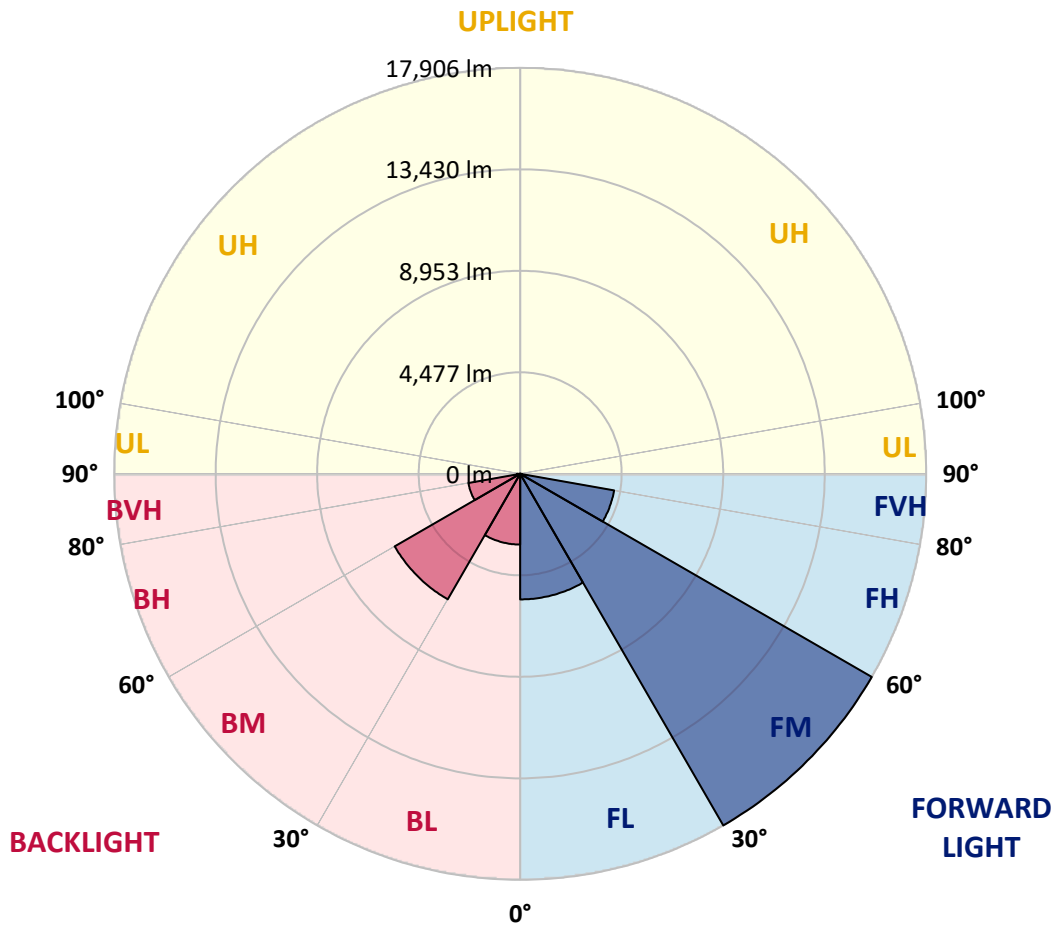
REPORT NUMBER: P534010  
 CATALOG NUMBER: GALN-SA9C-727-U-SLR-GRSWH

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	5539.6	14.0			
FM (30°-60°)	17906.4	45.1			
FH (60°-80°)	4207.3	10.6			G2/5000
FVH (80°-90°)	76.7	0.2			G1/100
BL (0°-30°)	3120.7	7.9	B4/5000		
BM (30°-60°)	6391.6	16.1	B4/8500		
BH (60°-80°)	2319.6	5.8	B3/2500		G3/2500
BVH (80°-90°)	135.1	0.3			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B4-U0-G3**

Type III Short





REPORT NUMBER: P534010

CATALOG NUMBER: GALN-SA9C-727-U-SLR-GRSWH

**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	17617.8	17617.8	17617.8	17617.8	17617.8	17617.8	17617.8	17617.8	17617.8	17617.8	17617.8
2.5°	17911.2	18198.9	17888.2	17335.8	16944.6	16587.9	16213.9	16139.1	15650.0	15563.7	15207.0
5°	16892.8	16829.5	16449.8	15724.8	14925.0	14200.1	13665.0	13147.2	12796.2	12387.7	12358.9
7.5°	15655.8	15287.5	15068.9	13969.9	12980.3	11841.1	11352.0	10563.8	10316.4	9948.1	9758.2
10°	14551.1	14280.6	13768.6	12669.6	11288.7	10535.0	10011.4	9585.6	9297.9	8918.2	8440.7
12.5°	14004.5	13895.1	13319.8	11616.7	10592.5	9787.0	9418.8	9004.5	8515.4	7905.6	7669.7
15°	14102.3	13734.0	13296.8	11415.3	9999.9	9223.2	8636.3	8118.4	7491.3	6910.2	6570.7
17.5°	14833.0	14551.1	13676.5	11541.9	9775.5	8653.5	7589.1	6823.9	6260.0	5736.4	5500.5
20°	16271.4	15862.9	14879.0	11703.0	9292.2	7859.5	6639.7	5696.1	5092.0	4815.8	4735.3
22.5°	17865.2	17623.5	16052.8	12065.5	8906.7	7123.1	5632.9	4689.3	4464.9	4390.1	4539.7
25°	19804.2	19177.0	17876.7	12658.1	8607.5	6495.9	4781.3	4257.7	4142.7	4217.4	4390.1
27.5°	21277.1	21110.3	19154.0	13216.2	8199.0	5742.2	4303.8	3958.5	3993.1	4067.9	4229.0
30°	23026.2	22180.4	20391.0	13601.7	7830.8	5224.3	3970.0	3878.0	3912.5	4039.1	4119.6
32.5°	24079.2	23762.7	21167.8	14182.8	7405.0	4775.6	3711.1	3624.8	3676.6	3866.5	4056.3
35°	25419.8	24792.6	22128.7	14332.4	7105.8	4597.2	3527.0	3463.7	3584.5	3716.9	3929.8
37.5°	26984.8	26553.2	23457.8	14228.9	6944.7	4413.1	3371.7	3342.9	3429.2	3613.3	3860.7
40°	27911.1	27778.8	24154.0	14292.1	6691.5	4252.0	3193.3	3227.8	3406.2	3550.0	3791.7
42.5°	28802.9	27939.9	25183.9	14269.1	6530.4	4033.3	3210.6	3170.3	3308.4	3475.2	3705.4
45°	28998.6	28141.3	25425.5	14108.0	6334.8	3820.4	3078.2	3095.5	3262.3	3469.5	3619.1
47.5°	28872.0	28239.1	25874.3	14062.0	6150.7	3670.8	2882.6	3089.7	3187.5	3354.4	3567.3
50°	28785.7	28751.1	26254.0	14280.6	5903.3	3434.9	2646.7	3014.9	3112.7	3279.6	3509.7
52.5°	29545.2	29470.4	27203.4	14856.0	5707.7	3181.8	2405.0	2825.1	3061.0	3222.1	3446.5
55°	30005.4	29677.5	28831.7	15563.7	5379.7	2848.1	2238.2	2589.2	2934.4	3078.2	3308.4
57.5°	26990.5	26766.1	26081.4	14528.0	4827.3	2410.8	2031.0	2347.5	2761.8	2986.2	3222.1
60°	22456.6	22105.6	20350.8	12347.4	3561.5	1875.7	1904.5	2157.6	2715.7	2802.0	3078.2
62.5°	21173.5	20304.7	17917.0	9936.6	2733.0	1611.0	1708.8	1985.0	2474.1	2617.9	2894.1
65°	16800.7	16156.3	12819.2	7174.8	1829.7	1398.1	1559.2	1789.4	2134.6	2416.5	2669.7
67.5°	10517.7	9902.1	6841.1	3394.7	1277.3	1196.8	1392.4	1634.0	1916.0	2169.1	2451.1
70°	5494.8	4821.6	3158.8	1225.5	880.3	978.1	1162.2	1392.4	1668.6	1875.7	2094.3
72.5°	2048.3	1662.8	1029.9	529.3	609.9	748.0	943.6	1110.5	1306.1	1559.2	1680.1
75°	316.5	270.4	264.7	322.2	414.3	540.8	673.2	840.0	1012.6	1173.8	1254.3
77.5°	149.6	143.8	161.1	212.9	276.2	385.5	489.1	650.2	788.3	891.8	937.9
80°	97.8	92.1	103.6	143.8	207.1	287.7	391.3	500.6	627.2	713.5	701.9
82.5°	57.5	63.3	63.3	97.8	143.8	207.1	281.9	379.7	466.0	540.8	494.8
85°	34.5	28.8	28.8	57.5	97.8	166.9	235.9	161.1	166.9	166.9	189.9
87.5°	11.5	11.5	11.5	5.8	11.5	11.5	17.3	28.8	34.5	40.3	51.8
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: P534010

CATALOG NUMBER: GALN-SA9C-727-U-SLR-GRSWH

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	17617.8	17617.8	17617.8	17617.8	17617.8	17617.8	17617.8	17617.8	17617.8	17617.8	17617.8
2.5°	15195.5	15373.8	15310.5	15086.2	15258.8	15287.5	15172.5	15569.5	15644.3	15523.4	15558.0
5°	12318.6	12364.7	12468.2	12686.9	12842.2	13026.3	13026.3	13037.8	12882.5	13273.7	13158.7
7.5°	9597.1	9625.9	9746.7	10212.8	10345.1	10696.1	10845.7	10742.1	10431.4	10299.1	10408.4
10°	8285.3	8118.4	8078.2	8135.7	8434.9	8584.5	8711.1	8676.6	8624.8	8521.2	8406.1
12.5°	7410.7	7289.9	7192.1	7054.0	7071.3	7215.1	7312.9	7232.4	7255.4	7278.4	7312.9
15°	6461.4	6375.1	6323.3	6116.2	6093.1	6191.0	6225.5	6271.5	6357.8	6363.6	6323.3
17.5°	5454.5	5379.7	5494.8	5609.8	5529.3	5535.0	5598.3	5638.6	5615.6	5512.0	5460.2
20°	4764.0	4844.6	4959.7	5069.0	5155.3	5207.1	5230.1	5166.8	5092.0	4879.1	4873.4
22.5°	4562.7	4666.2	4764.0	4930.9	5011.5	5143.8	5023.0	4879.1	4775.6	4672.0	4551.2
25°	4413.1	4499.4	4695.0	4758.3	4913.6	5023.0	4936.7	4792.8	4614.5	4464.9	4372.8
27.5°	4303.8	4401.6	4528.1	4700.8	4821.6	4884.9	4798.6	4741.0	4556.9	4378.6	4246.2
30°	4234.7	4338.3	4568.4	4712.3	4815.8	4867.6	4718.0	4649.0	4516.6	4367.0	4252.0
32.5°	4188.7	4280.7	4476.4	4660.5	4729.5	4729.5	4752.5	4672.0	4487.9	4234.7	4136.9
35°	4039.1	4165.7	4326.8	4539.7	4666.2	4741.0	4626.0	4533.9	4413.1	4154.2	3975.8
37.5°	3952.8	4039.1	4246.2	4447.6	4556.9	4637.5	4591.4	4430.3	4269.2	4056.3	3912.5
40°	3860.7	3998.8	4182.9	4372.8	4493.6	4574.2	4539.7	4349.8	4154.2	3952.8	3855.0
42.5°	3797.4	3889.5	4079.4	4292.2	4436.1	4591.4	4487.9	4252.0	4113.9	3837.7	3728.4
45°	3745.6	3895.2	4096.6	4182.9	4332.5	4493.6	4309.5	4165.7	4004.6	3803.2	3711.1
47.5°	3682.4	3820.4	3952.8	4182.9	4252.0	4326.8	4292.2	4062.1	3924.0	3705.4	3642.1
50°	3659.3	3711.1	3952.8	4079.4	4177.2	4252.0	4159.9	3987.3	3855.0	3630.6	3492.5
52.5°	3567.3	3665.1	3820.4	3987.3	4108.1	4200.2	4050.6	3941.3	3762.9	3527.0	3440.7
55°	3452.2	3509.7	3785.9	3958.5	4021.8	4085.1	4027.6	3849.2	3665.1	3423.4	3337.1
57.5°	3302.6	3434.9	3659.3	3901.0	3981.5	4016.1	3924.0	3780.2	3550.0	3337.1	3199.0
60°	3147.3	3285.4	3532.8	3728.4	3808.9	3935.5	3797.4	3711.1	3446.5	3210.6	3061.0
62.5°	2991.9	3147.3	3331.4	3578.8	3647.8	3699.6	3665.1	3544.3	3331.4	3066.7	2882.6
65°	2807.8	2922.9	3153.0	3279.6	3325.6	3446.5	3325.6	3279.6	3089.7	2836.6	2681.2
67.5°	2531.6	2629.4	2830.8	2951.6	2986.2	3037.9	3032.2	2980.4	2767.5	2594.9	2456.8
70°	2215.2	2301.5	2428.1	2571.9	2589.2	2652.4	2594.9	2583.4	2445.3	2209.4	2134.6
72.5°	1777.9	1858.4	2025.3	2088.6	2094.3	2117.4	2088.6	2048.3	2013.8	1766.4	1691.6
75°	1363.6	1409.7	1490.2	1547.7	1547.7	1576.5	1559.2	1519.0	1426.9	1271.6	1196.8
77.5°	949.4	995.4	1099.0	1133.5	1127.7	1139.2	1087.4	1047.2	909.1	828.5	765.2
80°	690.4	719.2	771.0	794.0	799.8	817.0	753.7	719.2	638.7	546.6	517.8
82.5°	500.6	517.8	523.6	552.4	552.4	523.6	506.3	471.8	414.3	356.7	333.7
85°	207.1	212.9	218.6	253.2	258.9	310.7	287.7	270.4	235.9	201.4	184.1
87.5°	51.8	57.5	74.8	63.3	74.8	74.8	80.6	92.1	92.1	74.8	74.8
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: P534010

CATALOG NUMBER: GALN-SA9C-727-U-SLR-GRSWH

**CANDELA DISTRIBUTION (continued):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	17617.8	17617.8	17617.8	17617.8	17617.8	17617.8	17617.8	17617.8	17617.8	17617.8	17617.8
2.5°	15690.3	15736.3	16323.2	16398.0	16685.7	16979.1	17571.7	17997.5	18342.7	18567.1	18630.4
5°	13279.5	13572.9	13843.4	14280.6	14677.6	15241.5	15891.7	16697.2	17709.8	18227.7	18434.8
7.5°	10396.9	10742.1	11133.4	11559.1	12140.3	13152.9	14021.7	14953.8	16248.4	16783.5	17594.8
10°	8486.7	8872.2	9390.0	9718.0	10419.9	11386.5	12399.2	13475.1	14712.2	15483.2	16421.0
12.5°	7502.8	7819.3	8296.8	8987.3	9510.8	10138.0	10891.7	12249.6	14021.7	14752.4	15396.9
15°	6415.4	6766.3	7318.7	8083.9	8711.1	9459.1	10304.8	11783.5	13670.7	14798.5	15345.1
17.5°	5517.8	5770.9	6352.1	7013.7	7732.9	8550.0	9764.0	11760.5	14039.0	15483.2	16375.0
20°	4896.4	4930.9	5247.4	5811.2	6789.3	7853.8	9430.3	11645.5	15218.5	16662.7	17790.4
22.5°	4505.1	4470.6	4476.4	4953.9	5638.6	7169.1	8906.7	12036.7	16559.1	18538.4	19297.8
25°	4309.5	4217.4	4159.9	4263.5	4884.9	6357.8	8509.7	12554.5	18003.3	20086.1	21018.2
27.5°	4205.9	4044.8	3929.8	3947.0	4401.6	5949.3	8262.3	12778.9	19435.9	22243.7	22571.7
30°	4165.7	3964.3	3797.4	3739.9	4039.1	5379.7	7732.9	13164.4	20719.0	23429.0	23710.9
32.5°	4021.8	3774.4	3613.3	3561.5	3682.4	4879.1	7353.2	13440.6	21852.5	24717.8	24620.0
35°	3855.0	3647.8	3446.5	3348.6	3434.9	4556.9	7048.3	13308.3	23187.3	25719.0	25667.2
37.5°	3837.7	3567.3	3400.4	3239.3	3233.6	4159.9	6634.0	13434.8	24038.9	27514.1	26806.4
40°	3688.1	3515.5	3296.9	3164.5	3089.7	3958.5	6231.2	13135.7	25287.4	28239.1	27542.9
42.5°	3693.9	3434.9	3245.1	3089.7	3014.9	3665.1	5955.1	13055.1	25724.7	29418.6	27888.1
45°	3601.8	3348.6	3187.5	3003.4	2963.1	3440.7	5690.4	12681.1	26495.7	29476.1	27456.6
47.5°	3509.7	3285.4	3112.7	2894.1	2802.0	3360.1	5483.3	12370.4	26092.9	28935.3	26858.2
50°	3446.5	3187.5	3026.4	2871.1	2612.2	3222.1	5212.8	12295.6	25529.1	28204.5	25747.7
52.5°	3337.1	3107.0	2940.1	2819.3	2405.0	3095.5	5109.3	12732.9	26219.5	27657.9	25425.5
55°	3233.6	2997.7	2784.8	2548.9	2232.4	2761.8	4821.6	13141.4	27226.4	28918.0	26887.0
57.5°	3124.2	2899.9	2669.7	2387.8	2065.6	2416.5	4522.4	13216.2	25339.2	26725.9	25523.3
60°	2980.4	2692.7	2520.1	2151.9	1887.2	2002.3	3584.5	11651.2	19654.6	22318.5	22358.8
62.5°	2819.3	2508.6	2359.0	1927.5	1703.1	1726.1	2922.9	9792.8	15943.5	18475.1	19574.0
65°	2606.4	2307.2	2128.9	1783.6	1570.8	1496.0	2140.4	7174.8	12111.5	14988.3	16236.9
67.5°	2330.2	2048.3	1823.9	1553.5	1403.9	1283.1	1461.4	4039.1	7151.8	10063.2	10442.9
70°	2036.8	1795.1	1559.2	1334.9	1168.0	1081.7	1070.2	1789.4	3417.7	5414.2	6162.2
72.5°	1605.3	1432.7	1242.8	1075.9	966.6	840.0	765.2	742.2	1156.5	2203.7	3043.7
75°	1150.7	1006.9	897.6	788.3	707.7	638.7	581.1	529.3	483.3	552.4	759.5
77.5°	725.0	673.2	586.9	558.1	512.1	494.8	471.8	443.0	408.5	385.5	385.5
80°	489.1	454.5	425.8	420.0	402.8	397.0	402.8	374.0	339.5	310.7	322.2
82.5°	328.0	322.2	316.5	310.7	316.5	322.2	333.7	328.0	299.2	281.9	287.7
85°	195.6	207.1	218.6	230.1	253.2	224.4	184.1	155.3	138.1	126.6	120.8
87.5°	74.8	103.6	92.1	86.3	92.1	86.3	80.6	74.8	63.3	57.5	57.5
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: P534010

CATALOG NUMBER: GALN-SA9C-727-U-SLR-GRSWH

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	17617.8	17617.8	17617.8	17617.8	17617.8	17617.8	17617.8	17617.8	17617.8	17617.8
2.5°	19050.4	19165.5	19263.3	19240.3	19038.9	18768.5	18659.2	18101.1	17986.0	17911.2
5°	19309.4	19976.8	20120.6	20034.3	19510.7	18849.1	18204.6	17387.6	16910.1	16892.8
7.5°	18831.8	19654.6	19913.5	20109.1	19412.9	18262.2	17157.5	15931.9	15632.8	15655.8
10°	17617.8	18929.6	19568.3	19769.6	18969.9	17974.5	16444.0	15201.2	14562.6	14551.1
12.5°	16944.6	17974.5	18152.9	18434.8	18198.9	17192.0	16029.8	14637.4	14016.0	14004.5
15°	16346.2	17025.1	17076.9	17473.9	17600.5	16921.6	16139.1	14654.6	14154.1	14102.3
17.5°	16869.8	16398.0	16202.4	16254.2	16628.1	16875.5	16772.0	15632.8	15120.7	14833.0
20°	17220.8	16167.8	15575.2	15632.8	16075.8	16979.1	17715.6	17048.2	16236.9	16271.4
22.5°	18158.6	16202.4	15276.0	15212.7	15914.7	17520.0	18780.0	18837.6	18055.1	17865.2
25°	19562.5	16599.4	15184.0	15166.7	15839.9	18101.1	20022.8	20954.9	20155.1	19804.2
27.5°	20690.2	17220.8	15471.6	15529.2	16075.8	18572.9	21081.5	22318.5	21708.6	21277.1
30°	21679.9	17865.2	15874.4	15609.7	16708.7	18820.3	21536.0	23872.0	23383.0	23026.2
32.5°	22088.4	18780.0	16513.1	16075.8	17232.3	19119.5	22479.6	25379.5	24959.5	24079.2
35°	22778.8	19292.1	16858.3	16823.8	18147.1	19838.7	22922.7	26374.9	26202.3	25419.8
37.5°	23331.2	19809.9	18083.8	17704.1	19401.4	21047.0	23636.1	27750.0	27353.0	26984.8
40°	23757.0	20736.3	19228.8	19729.4	20943.4	22145.9	24292.0	27836.3	28981.3	27911.1
42.5°	23365.7	21564.8	21110.3	22307.0	23457.8	23400.2	24366.8	28503.7	29361.0	28802.9
45°	23267.9	22968.7	24084.9	25172.4	25437.0	24441.6	23831.7	27767.3	29246.0	28998.6
47.5°	23032.0	24349.6	26294.3	28066.5	27663.7	25137.8	23193.1	27634.9	29315.0	28872.0
50°	22951.4	24648.8	27928.4	29654.5	29412.8	25742.0	22893.9	26783.4	28825.9	28785.7
52.5°	22945.7	25264.4	28607.3	30517.5	30667.1	26697.1	23302.4	27214.9	29205.7	29545.2
55°	23204.6	25068.8	28521.0	30040.0	29982.4	26271.3	23348.4	27502.6	29671.7	30005.4
57.5°	21887.0	22456.6	23538.3	24740.8	24430.1	21760.4	20851.3	25425.5	27232.2	26990.5
60°	18900.8	17117.2	15897.4	15839.9	15235.7	14401.5	17065.4	22692.5	22692.5	22456.6
62.5°	16553.3	11236.9	9654.7	9205.9	9637.4	10598.3	16461.3	22071.1	21444.0	21173.5
65°	14476.3	8578.7	6979.2	6852.6	7600.6	9050.5	14884.8	18803.0	17698.3	16800.7
67.5°	9315.2	6283.0	5189.8	4965.4	5868.8	6645.5	9907.8	11564.9	10868.7	10517.7
70°	6006.8	4090.9	2888.3	2710.0	3061.0	4096.6	6329.0	6743.3	5730.7	5494.8
72.5°	2842.3	1766.4	1012.6	834.3	937.9	1565.0	2502.9	2692.7	2238.2	2048.3
75°	903.3	650.2	414.3	356.7	339.5	402.8	575.4	443.0	322.2	316.5
77.5°	402.8	385.5	328.0	276.2	241.7	201.4	166.9	138.1	143.8	149.6
80°	333.7	304.9	270.4	241.7	201.4	155.3	120.8	92.1	92.1	97.8
82.5°	293.4	264.7	235.9	201.4	172.6	126.6	92.1	63.3	57.5	57.5
85°	126.6	149.6	161.1	172.6	138.1	103.6	63.3	40.3	34.5	34.5
87.5°	51.8	46.0	40.3	34.5	28.8	28.8	23.0	17.3	11.5	11.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)