

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: P534294

Luminaire Tested: **GALN-SA9D-735-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P534294
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-24)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SA9D-735-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 70 CRI, 3500K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS WITH WHITE GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 48655 lumens
Efficiency: N/A
Efficacy: 88.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B4 - U0 - G4

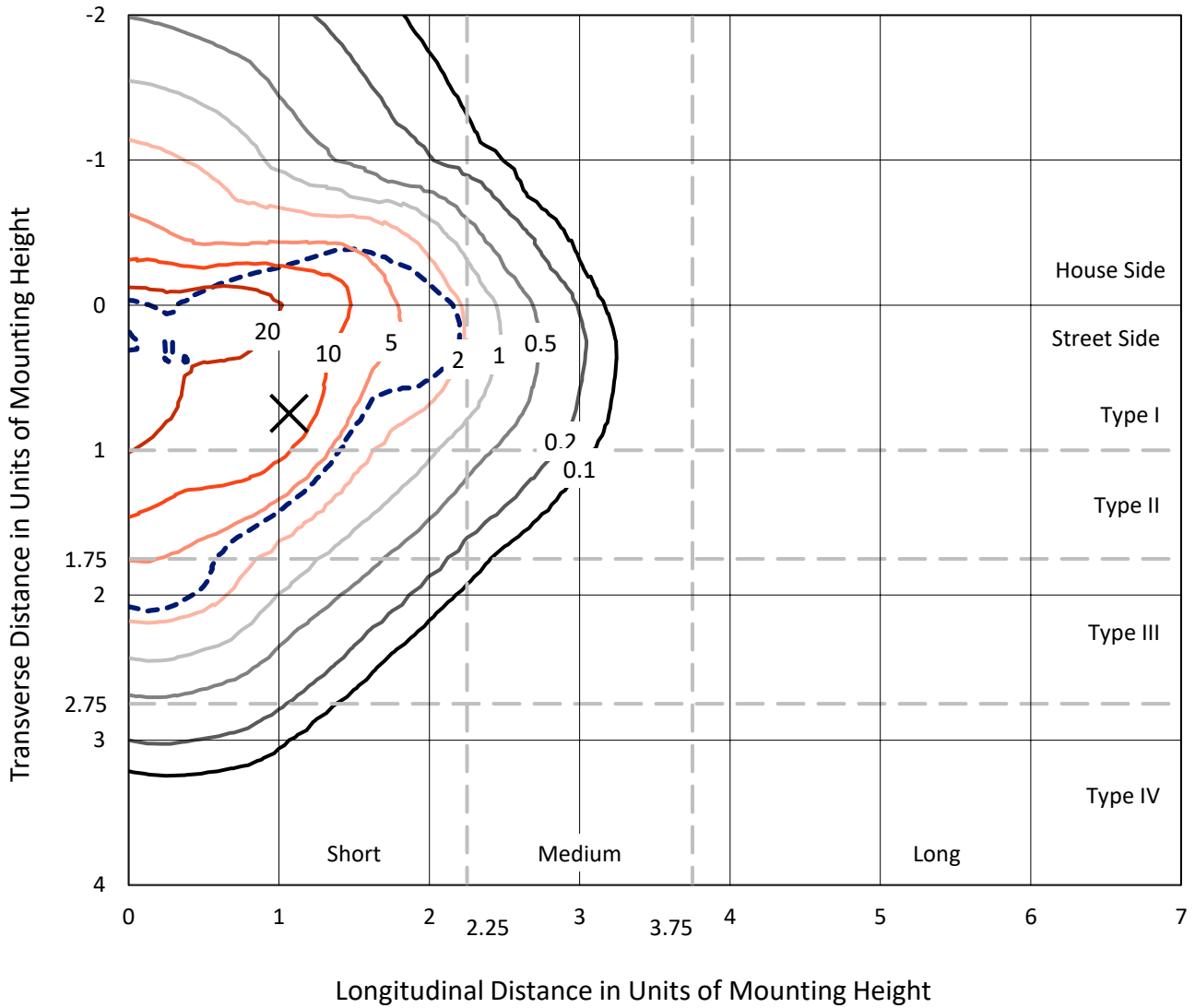
Input Watts (W): 552
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

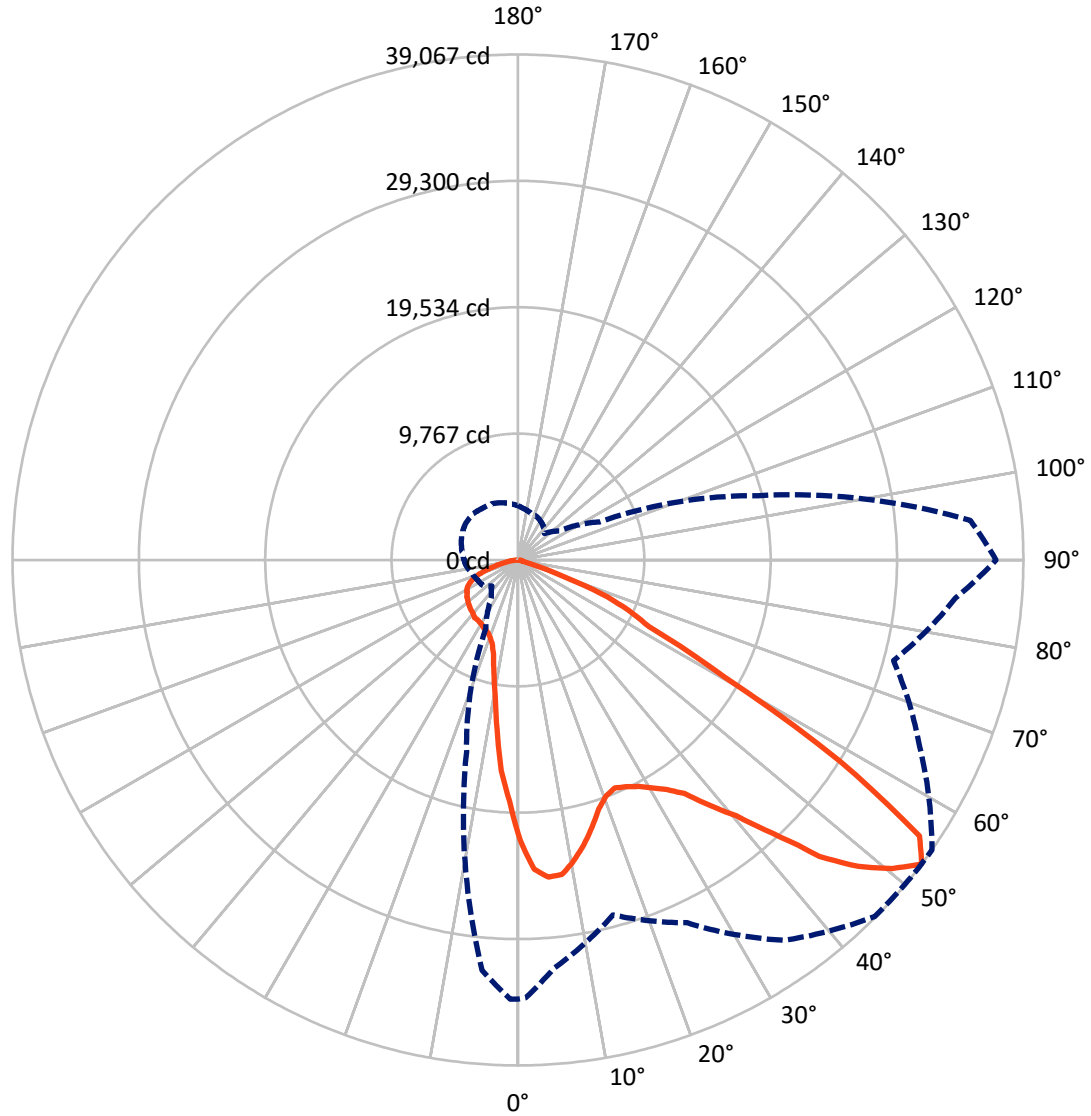
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 36.9 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 55-Deg Lateral - - - Horizontal Cone Through 52.5-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	14842.4	0.0	14842.4
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	33812.6	0.0	33812.6
	% Fixture	69.5	0.0	69.5
Total	Lumens	48655.0	0.0	48655.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1658.1	3.4
10°-20°	3575.2	7.3
20°-30°	5421.1	11.1
30°-40°	7832.7	16.1
40°-50°	10466.6	21.5
50°-60°	11683.0	24.0
60°-70°	6408.7	13.2
70°-80°	1385.5	2.8
80°-90°	224.1	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°	48655.0	100.0
0°-180°	48655.0	100.0

Coefficient of Utilization



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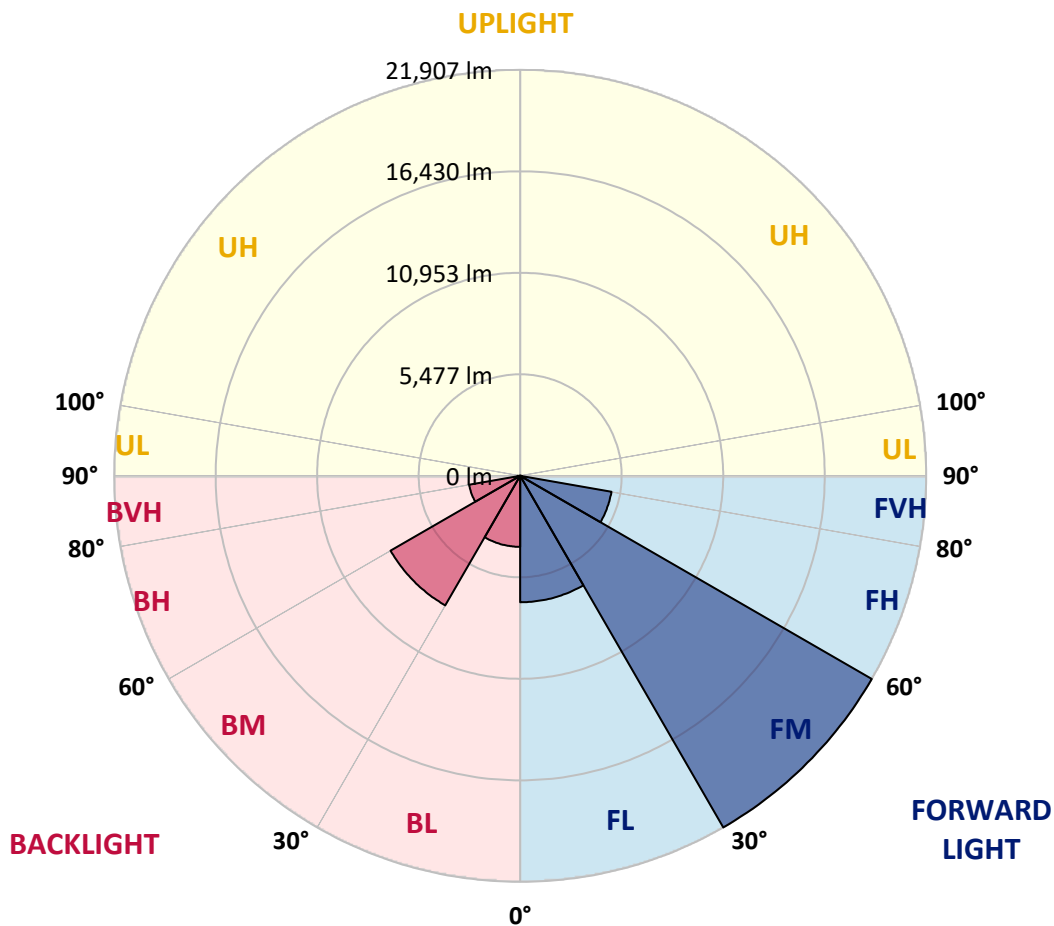
CATALOG NUMBER: GALN-SA9D-735-U-SLL-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	6822.3	14.0			
FM (30°-60°)	21906.8	45.0			
FH (60°-80°)	5000.5	10.3			G3/7500
FVH (80°-90°)	83.0	0.2			G1/100
BL (0°-30°)	3832.1	7.9	B4/5000		
BM (30°-60°)	8075.5	16.6	B4/8500		
BH (60°-80°)	2793.7	5.7	B4/5000		G4/5000
BVH (80°-90°)	141.2	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-G4

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	21703.9	21703.9	21703.9	21703.9	21703.9	21703.9	21703.9	21703.9	21703.9	21703.9	21703.9
2.5°	22776.7	22648.8	22762.4	23302.4	23615.0	23828.1	23963.1	23941.8	23430.3	22933.0	22933.0
5°	22108.8	21945.4	22179.9	23401.8	24630.9	24737.5	24915.1	24623.8	23870.7	22961.4	21824.7
7.5°	20176.5	20297.2	20688.0	22293.6	23892.0	24694.8	24908.0	24538.5	23316.6	21618.6	19949.1
10°	18506.9	18791.1	19693.4	21426.8	22897.4	23941.8	24176.2	23657.6	22691.4	20609.8	19117.9
12.5°	17931.5	17753.9	18755.6	20489.0	21895.7	22457.0	22563.5	22599.0	21945.4	20098.3	18279.6
15°	17860.4	17974.1	18755.6	20069.9	20936.6	20965.0	21142.6	21419.7	21505.0	20446.4	18670.3
17.5°	18883.5	18748.5	19551.3	20595.6	20183.6	19771.5	19814.1	20212.0	20915.3	20744.8	19899.4
20°	20396.7	20702.2	21334.5	21227.9	20119.6	19075.3	19082.4	19458.9	20844.3	21981.0	21611.5
22.5°	22911.6	23210.0	23678.9	22393.0	20119.6	18869.2	18627.7	19139.2	21298.9	23451.6	23543.9
25°	25206.4	25753.4	25881.3	24368.0	21128.4	19061.1	18904.8	19409.2	21753.6	24886.7	25760.5
27.5°	27295.0	27494.0	28055.2	25639.7	21689.7	19188.9	19174.7	19821.2	22329.1	25604.2	27742.6
30°	28943.3	28921.9	29241.6	26442.5	22584.8	19906.5	19217.4	20439.3	23082.1	26790.6	29575.6
32.5°	30065.8	30307.3	30982.2	27557.9	22961.4	20588.5	20048.6	21164.0	23998.6	27351.9	30868.5
35°	32040.8	32459.9	31607.4	28176.0	24154.9	21263.4	20631.1	22151.5	24453.3	27962.9	32452.8
37.5°	33902.1	33582.4	32715.7	28509.9	24929.3	22513.8	21924.1	24062.5	25867.1	29291.4	33504.3
40°	35095.7	35088.6	33546.9	28779.9	25476.3	24424.9	24389.4	26002.0	27600.5	30129.7	34683.6
42.5°	35614.3	36111.6	33887.9	28751.4	26627.2	26740.9	27458.4	28900.6	28829.6	30300.2	34655.2
44°	36324.7	36623.1	34477.6	28815.4	27394.5	28303.9	29994.7	30911.2	29902.4	30207.8	34619.7
45°	36296.3	36317.6	33639.3	28900.6	28048.1	29611.1	31124.3	32673.1	30847.2	30008.9	35088.6
47.5°	35465.1	35223.5	32928.8	28268.3	30087.1	33063.8	34463.4	35401.1	32012.4	29582.7	34506.0
50°	33824.0	33546.9	31202.5	27998.4	30513.3	35209.3	37141.7	37482.7	33070.9	29163.5	33930.5
52.5°	33937.6	33859.5	31692.7	28403.3	30939.6	35884.2	38981.8	39067.0	34271.5	30044.4	33937.6
55°	35969.5	35699.5	33099.3	28907.7	30627.0	35095.7	37809.5	37660.3	33866.6	29511.6	34562.8
57.5°	32914.6	33092.2	31152.7	26911.4	26804.8	28531.2	29724.7	29355.3	28261.2	26634.3	32154.4
60°	26556.2	27060.6	27245.3	22506.7	20226.2	19338.1	18982.9	18329.3	18514.0	21881.5	28247.0
62.5°	22776.7	22748.2	23906.3	20403.8	13249.7	11395.4	11224.9	11374.1	13505.4	21540.5	27664.5
65°	18059.3	18542.4	18897.7	17292.1	10486.1	8461.3	8454.2	9399.1	11686.7	18002.5	22336.2
67.5°	11466.5	12098.8	12539.2	11061.5	7012.0	6024.5	5861.1	6997.8	8099.0	11807.5	13448.6
70°	6465.0	6763.4	6962.3	6379.7	4461.6	3125.9	2941.2	3211.2	4894.9	7644.3	7971.1
72.5°	2493.6	2628.6	2898.6	2919.9	1683.7	1008.8	817.0	980.4	2060.3	3026.5	2884.4
75°	383.6	412.1	582.6	696.2	483.1	369.4	390.7	404.9	575.5	781.5	653.6
77.5°	184.7	184.7	177.6	206.0	241.5	262.9	284.2	312.6	341.0	376.5	362.3
80°	120.8	120.8	120.8	142.1	177.6	213.1	241.5	255.8	270.0	298.4	284.2
82.5°	78.1	78.1	78.1	106.6	142.1	177.6	191.8	227.3	255.8	298.4	277.1
85°	42.6	42.6	42.6	71.0	106.6	149.2	142.1	113.7	63.9	7.1	14.2
87.5°	14.2	14.2	14.2	14.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	21703.9	21703.9	21703.9	21703.9	21703.9	21703.9	21703.9	21703.9	21703.9	21703.9	21703.9
2.5°	22336.2	22009.4	21981.0	21313.2	20716.4	20425.1	20190.7	19537.1	19679.1	19302.6	19295.5
5°	21256.3	20588.5	19508.6	18620.6	17732.5	17554.9	16780.6	16105.6	16127.0	15643.9	15729.1
7.5°	19316.8	18855.0	17540.7	16148.3	14968.9	14130.6	13398.9	12958.4	12397.2	12205.3	12105.9
10°	18087.8	17519.4	16041.7	14294.0	12972.6	12525.0	11821.7	11431.0	10855.5	10571.3	10372.4
12.5°	17547.8	16716.6	14869.5	13093.4	12212.4	11750.7	11153.9	10443.4	9761.4	9498.6	9136.2
15°	17604.7	16610.1	14528.5	12610.3	11551.7	10656.6	10123.7	9335.2	8638.9	8177.1	7914.3
17.5°	18464.3	17256.5	14684.8	12240.9	10720.5	9598.0	8553.7	7701.2	7147.0	6798.9	6713.6
20°	20496.1	18855.0	14947.6	11644.1	9889.3	8489.7	7203.8	6315.8	5889.5	5882.4	5889.5
22.5°	22187.0	20560.1	15480.5	11288.9	9058.1	7068.9	5790.1	5505.9	5420.6	5598.3	5619.6
25°	24467.5	22478.3	16396.9	11104.2	8290.8	6024.5	5235.9	5129.4	5122.3	5349.6	5356.7
27.5°	26804.8	24154.9	16944.0	10564.2	7509.3	5484.6	4902.0	4880.7	4994.4	5235.9	5214.6
30°	28396.2	25561.6	17931.5	9917.7	6585.8	5008.6	4767.0	4795.5	4951.8	5136.5	5164.9
32.5°	30250.5	26946.9	18187.2	9562.5	6017.4	4610.7	4440.2	4504.2	4703.1	4994.4	5150.7
35°	32374.7	27927.3	18578.0	9079.4	5804.3	4305.3	4220.0	4291.0	4532.6	4724.4	4894.9
37.5°	33944.7	29660.8	18649.0	8702.9	5569.8	4134.8	3999.8	4234.2	4376.3	4646.3	4731.5
40°	35109.9	30918.3	18833.7	8468.4	5385.1	3914.5	3914.5	4070.8	4262.6	4511.3	4681.8
42.5°	35855.8	31834.7	18968.7	8255.3	5029.9	3850.6	3815.1	3971.4	4227.1	4468.7	4546.8
44°	36310.5	32225.5	18833.7	8056.4	4930.4	3772.4	3772.4	3907.4	4106.3	4390.5	4482.9
45°	36424.2	32715.7	18535.3	8049.3	4809.7	3680.1	3665.9	3921.6	4056.6	4404.7	4461.6
47.5°	36864.6	33319.6	18570.9	7821.9	4518.4	3459.8	3708.5	3822.2	3942.9	4248.4	4440.2
50°	36850.4	33696.1	18492.7	7488.0	4305.3	3211.2	3623.2	3751.1	3871.9	4184.5	4262.6
52.5°	36949.9	35102.8	19210.3	6955.2	3921.6	2891.5	3339.1	3623.2	3772.4	4035.3	4198.7
55°	36900.2	35905.6	19920.7	6557.3	3381.7	2699.7	3097.5	3431.4	3644.5	3921.6	3999.8
57.5°	33703.2	31735.3	18435.9	5811.4	2799.1	2472.3	2756.5	3232.5	3502.5	3786.6	3886.1
60°	27536.6	24460.4	15203.4	4276.8	2301.8	2273.4	2564.7	3168.6	3282.2	3530.9	3701.4
62.5°	25447.9	21455.2	12056.1	3268.0	1967.9	2081.6	2365.8	2863.1	3040.7	3346.2	3502.5
65°	19913.6	14251.4	7466.7	2209.5	1733.5	1868.5	2138.4	2507.8	2799.1	3083.3	3268.0
67.5°	11793.3	7786.4	3694.3	1548.8	1513.2	1655.3	1932.4	2209.5	2543.4	2856.0	2948.3
70°	6422.4	3829.3	1577.2	1179.3	1285.9	1413.8	1683.7	1875.6	2195.3	2436.8	2593.1
72.5°	2060.3	1165.1	788.6	873.8	980.4	1129.6	1293.0	1527.4	1754.8	1896.9	2024.7
75°	497.3	490.2	561.2	611.0	710.4	824.1	959.1	1079.9	1257.5	1392.5	1506.1
77.5°	348.1	376.5	433.4	504.4	539.9	582.6	667.8	760.2	838.3	937.8	1008.8
80°	270.0	291.3	333.9	369.4	404.9	440.5	483.1	518.6	568.4	632.3	667.8
82.5°	255.8	270.0	312.6	333.9	319.7	312.6	341.0	355.2	362.3	383.6	404.9
85°	21.3	0.0	14.2	49.7	120.8	177.6	191.8	191.8	184.7	198.9	198.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	28.4	21.3
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°	21703.9	21703.9	21703.9	21703.9	21703.9	21703.9	21703.9	21703.9	21703.9	21703.9	21703.9
2.5°	19210.3	18968.7	19061.1	19174.7	19011.3	18634.8	18734.3	18691.6	19075.3	19046.9	19430.5
5°	16105.6	15729.1	15771.7	16325.9	16148.3	16340.1	15956.4	15906.7	15977.8	16013.3	16077.2
7.5°	12326.1	12276.4	12702.6	13171.5	13391.8	13164.4	12787.9	12702.6	12624.5	12468.2	12823.4
10°	10059.8	10074.0	10045.6	10400.8	10649.5	10599.7	10372.4	10344.0	10194.8	10138.0	10336.9
12.5°	8979.9	8788.1	8695.8	8582.1	8773.9	8901.8	8802.3	8731.3	8738.4	8809.4	8837.9
15°	7935.6	7814.8	7615.9	7488.0	7580.4	7516.4	7480.9	7623.0	7587.5	7573.3	7743.8
17.5°	6763.4	6862.8	6848.6	6706.5	6827.3	6777.6	6770.5	6671.0	6536.0	6436.6	6493.4
20°	5989.0	6173.7	6315.8	6322.9	6386.8	6379.7	6273.2	5967.7	5868.2	5846.9	5861.1
22.5°	5711.9	5811.4	5981.9	6223.4	6223.4	6109.8	5981.9	5626.7	5534.3	5434.9	5392.2
25°	5491.7	5683.5	5903.7	5932.2	6045.8	5939.3	5733.2	5555.6	5363.8	5228.8	5228.8
27.5°	5378.0	5591.2	5754.6	5804.3	5960.6	5875.3	5662.2	5434.9	5207.5	5200.4	5079.6
30°	5328.3	5527.2	5633.8	5754.6	5825.6	5690.6	5626.7	5385.1	5157.8	5100.9	4902.0
32.5°	5179.1	5463.3	5662.2	5633.8	5690.6	5633.8	5541.4	5342.5	5086.7	4958.9	4937.5
35°	5008.6	5292.8	5505.9	5655.1	5690.6	5569.8	5513.0	5243.0	4894.9	4831.0	4610.7
37.5°	4916.2	5086.7	5349.6	5591.2	5640.9	5576.9	5385.1	5108.1	4759.9	4688.9	4497.1
40°	4802.6	5022.8	5228.8	5427.7	5576.9	5420.6	5200.4	4930.4	4774.1	4561.0	4504.2
42.5°	4717.3	4966.0	5136.5	5356.7	5527.2	5321.2	5065.4	4880.7	4660.5	4518.4	4355.0
44°	4688.9	4916.2	5029.9	5299.9	5442.0	5285.7	5072.5	4880.7	4625.0	4497.1	4355.0
45°	4589.4	4902.0	5022.8	5264.3	5385.1	5257.2	4987.3	4795.5	4610.7	4454.4	4305.3
47.5°	4490.0	4703.1	4909.1	5100.9	5186.2	5143.6	4916.2	4681.8	4461.6	4369.2	4227.1
50°	4461.6	4674.7	4866.5	5044.1	5143.6	5058.3	4852.3	4625.0	4369.2	4220.0	4099.2
52.5°	4319.5	4582.3	4795.5	4852.3	4980.2	4930.4	4774.1	4525.5	4283.9	4156.1	4056.6
55°	4113.4	4390.5	4681.8	4752.8	4937.5	4859.4	4625.0	4390.5	4184.5	3992.7	3864.8
57.5°	4035.3	4305.3	4589.4	4681.8	4795.5	4667.6	4610.7	4362.1	4035.3	3935.8	3736.9
60°	3836.4	4177.4	4411.8	4625.0	4632.1	4596.5	4497.1	4212.9	3942.9	3758.2	3616.1
62.5°	3680.1	3999.8	4184.5	4383.4	4504.2	4404.7	4305.3	4042.4	3751.1	3545.1	3381.7
65°	3452.7	3744.0	3900.3	4021.1	4156.1	4141.9	3971.4	3779.5	3474.0	3310.6	3154.3
67.5°	3104.6	3360.4	3573.5	3687.2	3772.4	3751.1	3623.2	3488.3	3175.7	3012.3	2898.6
70°	2685.5	2948.3	3083.3	3147.2	3232.5	3275.1	3175.7	3111.7	2834.6	2621.5	2515.0
72.5°	2159.7	2330.2	2529.2	2586.0	2621.5	2649.9	2649.9	2593.1	2308.9	2223.7	2039.0
75°	1591.4	1726.4	1875.6	1875.6	1939.5	1946.6	1960.8	1925.3	1712.2	1598.5	1555.9
77.5°	1079.9	1179.3	1300.1	1349.8	1392.5	1385.4	1378.3	1278.8	1165.1	1115.4	1072.8
80°	703.3	802.8	859.6	923.6	966.2	959.1	973.3	902.3	852.5	767.3	781.5
82.5°	419.2	497.3	554.1	632.3	632.3	653.6	653.6	632.3	582.6	539.9	539.9
85°	198.9	262.9	298.4	348.1	376.5	383.6	341.0	291.3	241.5	220.2	241.5
87.5°	35.5	49.7	71.0	63.9	78.1	71.0	71.0	71.0	71.0	56.8	63.9
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: P534294

CATALOG NUMBER: GALN-SA9D-735-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	21703.9	21703.9	21703.9	21703.9	21703.9	21703.9	21703.9	21703.9	21703.9	21703.9
2.5°	19288.4	19643.6	19892.3	20304.3	21014.8	21583.1	22165.7	22599.0	22648.8	22776.7
5°	16311.7	16503.5	17135.8	17959.9	18542.4	19501.5	20119.6	21242.1	21661.3	22108.8
7.5°	12738.2	13050.8	13896.2	14450.3	15729.1	16929.7	18173.0	19558.4	20112.5	20176.5
10°	10741.8	11196.5	11772.0	12660.0	13356.2	14691.9	16240.6	17782.3	18400.4	18506.9
12.5°	9434.6	10017.2	10784.5	11423.8	12091.7	13256.8	14741.6	16645.6	17448.4	17931.5
15°	8177.1	8781.0	9626.4	10514.5	11104.2	12496.6	14244.3	16389.8	17434.2	17860.4
17.5°	6884.1	7445.4	8141.6	9100.7	10287.1	11850.1	14166.1	17242.3	18386.1	18883.5
20°	5775.9	6088.5	6898.4	7885.9	9370.7	11189.4	14194.6	18499.8	20176.5	20396.7
22.5°	5342.5	5413.5	5733.2	6642.6	8269.5	10514.5	14699.0	20283.0	22187.0	22911.6
25°	5008.6	4994.4	5079.6	5690.6	7466.7	10251.6	15196.3	21924.1	24417.8	25206.4
27.5°	4823.9	4681.8	4688.9	5264.3	6898.4	9825.4	15835.7	23806.8	26946.9	27295.0
30°	4731.5	4703.1	4617.8	4852.3	6280.3	9186.0	15942.2	25661.0	28438.8	28943.3
32.5°	4674.7	4397.6	4291.0	4376.3	5697.7	8489.7	16340.1	26883.0	30286.0	30065.8
35°	4390.5	4141.9	4070.8	4156.1	5285.7	8099.0	16077.2	27948.6	31671.3	32040.8
37.5°	4283.9	4063.7	3921.6	3850.6	4902.0	7772.2	15942.2	29589.8	33014.1	33902.1
40°	4184.5	3950.0	3779.5	3708.5	4603.6	7338.8	15899.6	30854.3	34562.8	35095.7
42.5°	4070.8	3921.6	3729.8	3601.9	4241.3	6905.5	15409.4	31245.1	35038.8	35614.3
44°	4035.3	3807.9	3609.0	3566.4	4099.2	6685.2	15309.9	31600.3	35450.9	36324.7
45°	3999.8	3786.6	3559.3	3502.5	4049.5	6564.5	15175.0	31685.6	36132.9	36296.3
47.5°	3900.3	3765.3	3545.1	3388.8	3942.9	6301.6	14770.0	31202.5	35436.7	35465.1
50°	3822.2	3665.9	3438.5	3133.0	3800.8	6081.4	14954.7	31024.8	33760.0	33824.0
52.5°	3736.9	3502.5	3374.6	2848.9	3566.4	5896.6	15345.5	31827.6	33951.9	33937.6
55°	3637.4	3381.7	3069.1	2607.3	3175.7	5662.2	16290.4	33411.9	35727.9	35969.5
57.5°	3481.1	3260.9	2813.3	2394.2	2728.1	5214.6	15984.9	30378.3	32872.0	32914.6
60°	3275.1	3069.1	2550.5	2230.8	2237.9	4113.4	14294.0	23671.8	25938.1	26556.2
62.5°	3076.2	2962.5	2330.2	1996.3	1904.0	3275.1	12084.6	19672.0	22265.1	22776.7
65°	2841.8	2564.7	2138.4	1818.7	1634.0	2294.7	8560.8	14699.0	17370.2	18059.3
67.5°	2543.4	2245.0	1882.7	1598.5	1399.6	1534.5	4418.9	8354.8	11061.5	11466.5
70°	2223.7	1946.6	1584.3	1349.8	1129.6	1058.6	1946.6	3985.6	6045.8	6465.0
72.5°	1825.8	1570.1	1264.6	1065.7	845.4	731.8	653.6	1065.7	2145.5	2493.6
75°	1321.4	1143.8	952.0	760.2	596.8	468.9	383.6	319.7	355.2	383.6
77.5°	973.3	831.2	703.3	539.9	419.2	333.9	262.9	198.9	191.8	184.7
80°	760.2	674.9	561.2	433.4	326.8	248.7	184.7	135.0	120.8	120.8
82.5°	596.8	554.1	461.8	355.2	270.0	198.9	135.0	92.4	78.1	78.1
85°	227.3	227.3	333.9	291.3	206.0	142.1	92.4	49.7	42.6	42.6
87.5°	56.8	56.8	56.8	56.8	49.7	42.6	42.6	21.3	14.2	14.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)