

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: P651625

Luminaire Tested: **GALN-SA9D-840-U-SLL-GRSWH**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P651625  
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-840-U-SLL-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(9) 80 CRI, 4000K, 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: 43925.4 lumens  
Efficiency: N/A  
Efficacy: 79.6 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

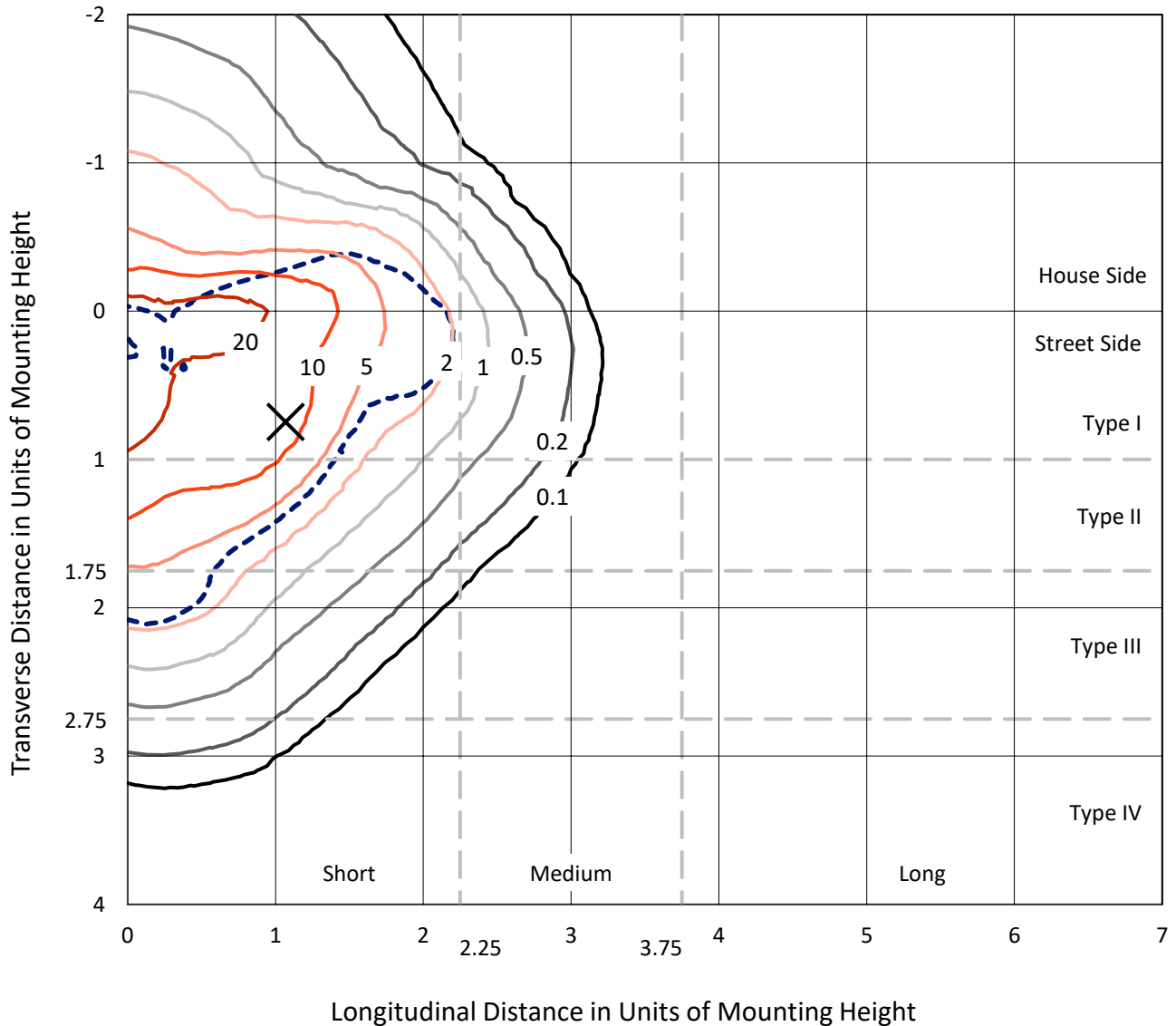
Input Watts (W): 552  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

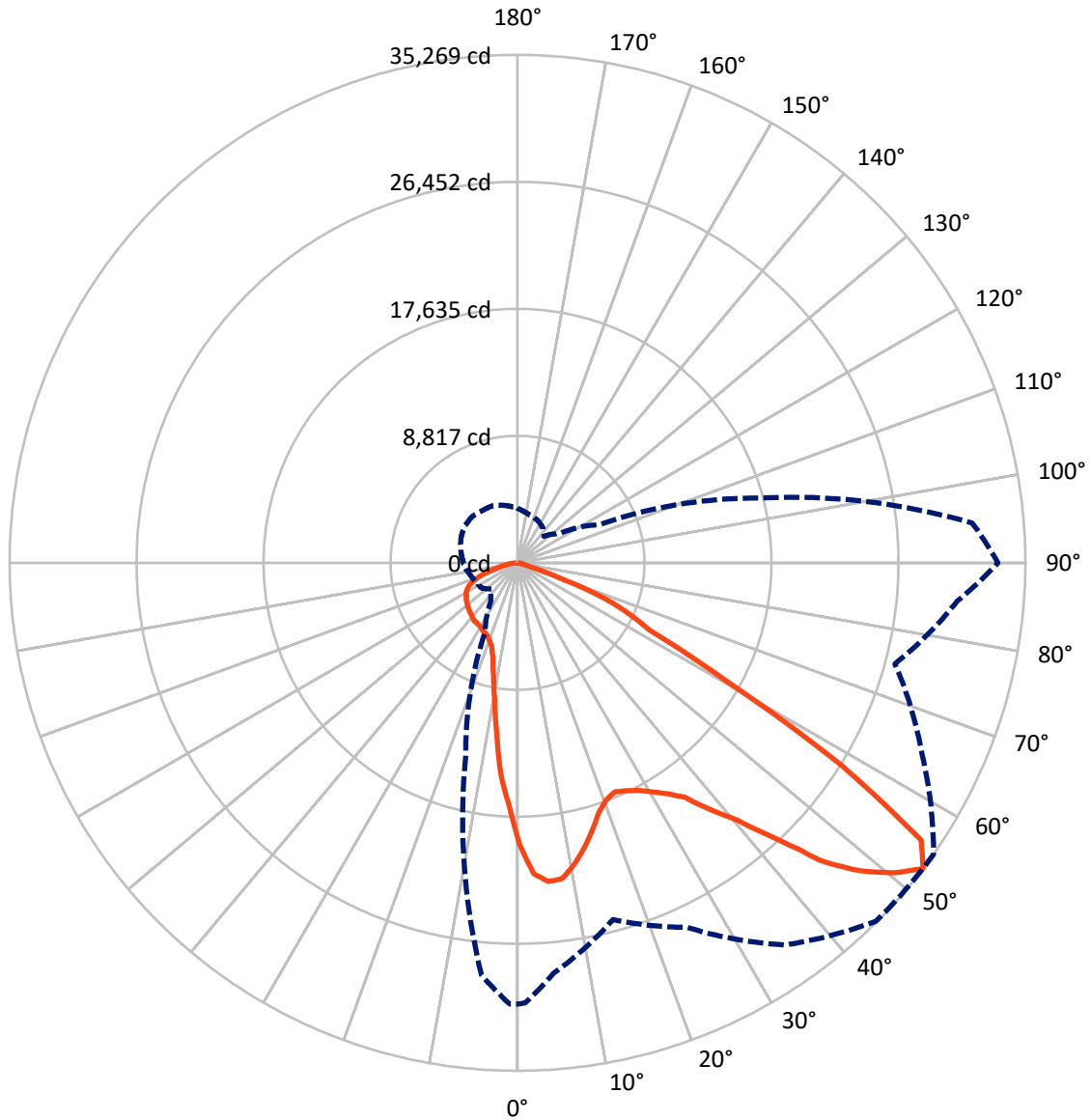
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 33.3 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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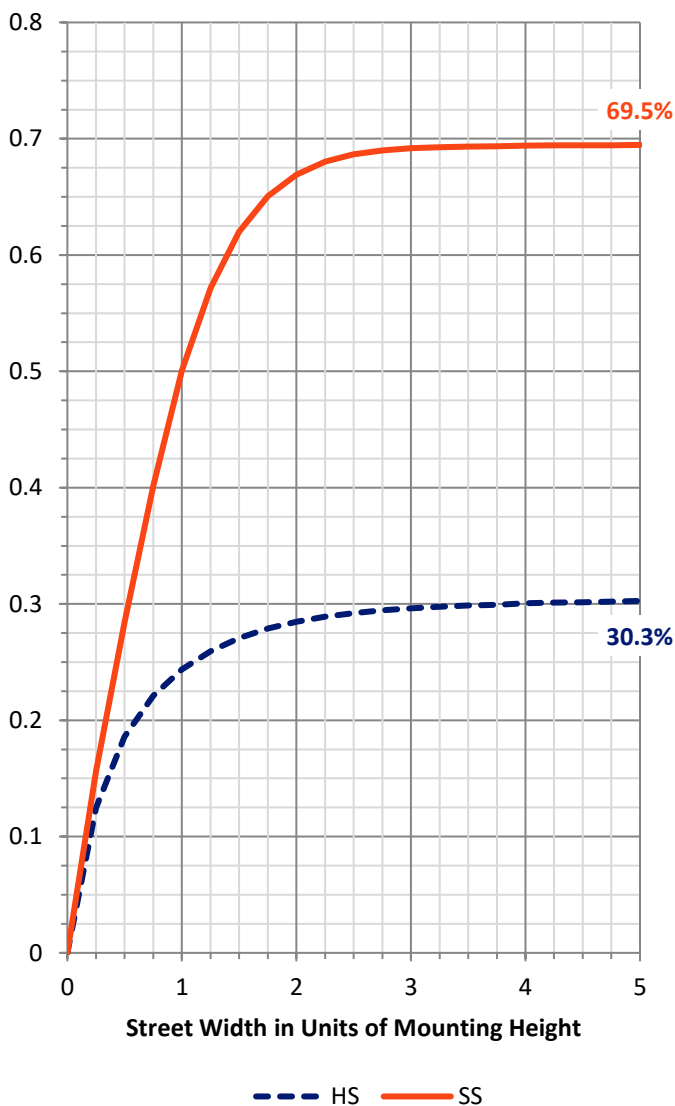
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	13399.7	0.0	13399.7
	% Fixture	30.5	0.0	30.5
<b>Street Side</b>	Lumens	30525.8	0.0	30525.8
	% Fixture	69.5	0.0	69.5
<b>Total</b>	Lumens	43925.4	0.0	43925.4
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1497.0	3.4
10°-20°	3227.6	7.3
20°-30°	4894.1	11.1
30°-40°	7071.3	16.1
40°-50°	9449.2	21.5
50°-60°	10547.3	24.0
60°-70°	5785.7	13.2
70°-80°	1250.9	2.8
80°-90°	202.4	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°	43925.4	100.0
0°-180°	43925.4	100.0

**Coefficient of Utilization**

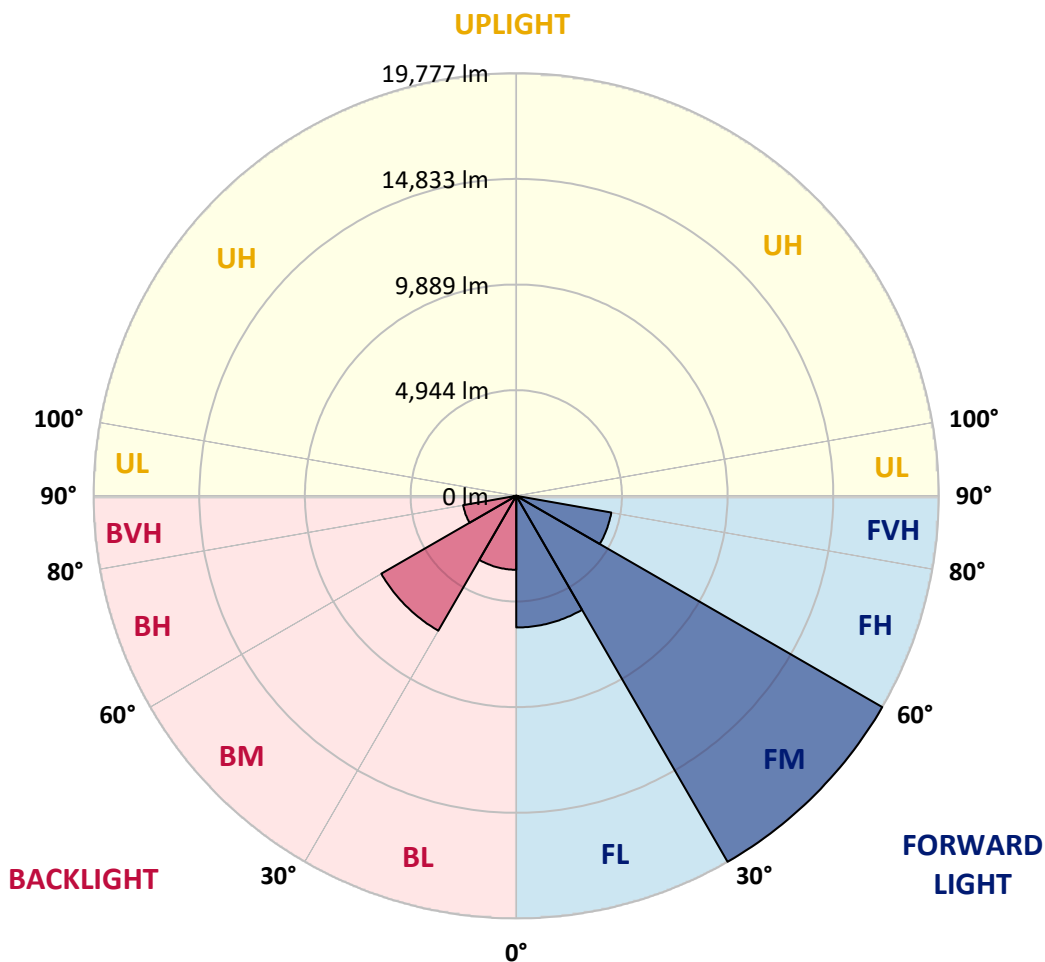


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	6159.1	14.0			
FM (30°-60°)	19777.3	45.0			
FH (60°-80°)	4514.4	10.3			G2/5000
FVH (80°-90°)	74.9	0.2			G1/100
BL (0°-30°)	3459.6	7.9	B4/5000		
BM (30°-60°)	7290.5	16.6	B4/8500		
BH (60°-80°)	2522.1	5.7	B4/5000		G4/5000
BVH (80°-90°)	127.4	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°	19594.1	19594.1	19594.1	19594.1	19594.1	19594.1	19594.1	19594.1	19594.1	19594.1	19594.1
2.5°	20562.6	20447.1	20549.8	21037.3	21319.4	21511.9	21633.7	21614.5	21152.7	20703.7	20703.7
5°	19959.7	19812.2	20023.9	21127.0	22236.6	22332.8	22493.1	22230.2	21550.4	20729.4	19703.2
7.5°	18215.1	18324.2	18676.9	20126.5	21569.5	22294.3	22486.7	22153.2	21050.1	19517.2	18009.9
10°	16707.9	16964.5	17779.1	19344.0	20671.7	21614.5	21826.1	21358.0	20485.7	18606.5	17259.5
12.5°	16188.4	16028.0	16932.4	18497.4	19767.3	20274.0	20370.2	20402.2	19812.2	18144.7	16502.7
15°	16124.2	16226.9	16932.4	18119.0	18901.5	18927.1	19087.4	19337.6	19414.6	18458.9	16855.5
17.5°	17047.8	16926.0	17650.7	18593.6	18221.6	17849.6	17888.1	18247.3	18882.2	18728.3	17965.0
20°	18414.0	18689.8	19260.6	19164.5	18163.8	17221.1	17227.5	17567.4	18818.0	19844.2	19510.8
22.5°	20684.5	20953.9	21377.2	20216.3	18163.8	17035.0	16817.0	17278.8	19228.5	21171.9	21255.3
25°	22756.1	23250.0	23365.4	21999.3	19074.6	17208.2	17067.1	17522.5	19639.0	22467.5	23256.4
27.5°	24641.8	24821.4	25328.1	23147.3	19581.3	17323.7	17310.8	17894.5	20158.5	23115.3	25045.9
30°	26129.8	26110.5	26399.2	23872.1	20389.5	17971.4	17349.3	18452.5	20838.4	24186.4	26700.7
32.5°	27143.2	27361.3	27970.6	24879.1	20729.4	18587.2	18099.7	19106.7	21665.8	24693.1	27868.0
35°	28926.2	29304.6	28535.0	25437.1	21806.9	19196.5	18625.6	19998.2	22076.2	25244.7	29298.2
37.5°	30606.6	30318.0	29535.5	25738.6	22506.0	20325.3	19792.9	21723.5	23352.6	26444.1	30247.5
40°	31684.2	31677.7	30285.9	25982.3	22999.8	22050.6	22018.6	23474.5	24917.6	27200.9	31312.1
42.5°	32152.4	32601.3	30593.8	25956.6	24038.9	24141.5	24789.3	26091.4	26027.2	27354.9	31286.5
44°	32793.7	33063.1	31126.2	26014.3	24731.6	25552.5	27079.0	27906.4	26995.7	27271.4	31254.4
45°	32768.1	32787.3	30369.4	26091.4	25321.7	26732.7	28098.8	29497.1	27848.7	27091.9	31677.7
47.5°	32017.6	31799.6	29727.9	25520.5	27162.4	29849.8	31113.3	31959.9	28900.5	26707.0	31151.8
50°	30536.0	30285.9	28169.4	25276.8	27547.2	31786.8	33531.3	33839.1	29856.2	26328.6	30632.2
52.5°	30638.7	30568.2	28611.9	25642.3	27932.0	32396.1	35192.5	35269.4	30940.1	27123.9	30638.7
55°	32473.0	32229.3	29881.8	26097.7	27649.9	31684.2	34134.2	33999.5	30574.6	26642.9	31203.1
57.5°	29715.1	29875.4	28124.5	24295.5	24199.3	25757.8	26835.3	26501.8	25514.1	24045.3	29028.8
60°	23974.7	24430.1	24596.9	20318.9	18260.0	17458.3	17137.6	16547.6	16714.4	19754.5	25501.2
62.5°	20562.6	20537.0	21582.4	18420.4	11961.7	10287.7	10133.8	10268.4	12192.6	19446.6	24975.3
65°	16303.9	16740.0	17060.7	15611.1	9466.8	7638.8	7632.4	8485.4	10550.7	16252.6	20165.0
67.5°	10351.9	10922.7	11320.4	9986.3	6330.4	5438.9	5291.4	6317.6	7311.7	10659.8	12141.3
70°	5836.5	6105.9	6285.5	5759.6	4027.9	2822.1	2655.3	2899.0	4419.1	6901.2	7196.3
72.5°	2251.3	2373.1	2616.9	2636.0	1520.1	910.7	737.6	885.1	1860.0	2732.2	2604.0
75°	346.3	372.0	526.0	628.6	436.1	333.5	352.8	365.6	519.5	705.5	590.0
77.5°	166.8	166.8	160.4	186.0	218.1	237.3	256.6	282.2	307.9	339.9	327.1
80°	109.0	109.0	109.0	128.3	160.4	192.4	218.1	230.9	243.7	269.4	256.6
82.5°	70.6	70.6	70.6	96.2	128.3	160.4	173.2	205.2	230.9	269.4	250.1
85°	38.5	38.5	38.5	64.2	96.2	134.7	128.3	102.6	57.7	6.4	12.9
87.5°	12.9	12.9	12.9	12.9	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°	19594.1	19594.1	19594.1	19594.1	19594.1	19594.1	19594.1	19594.1	19594.1	19594.1	19594.1
2.5°	20165.0	19870.0	19844.2	19241.4	18702.7	18439.7	18228.0	17638.0	17766.2	17426.3	17419.9
5°	19190.1	18587.2	17612.3	16810.6	16008.9	15848.5	15149.4	14540.0	14559.3	14123.2	14200.1
7.5°	17439.1	17022.2	15835.7	14578.6	13513.9	12757.0	12096.4	11698.7	11192.0	11018.9	10929.1
10°	16329.5	15816.4	14482.4	12904.6	11711.6	11307.5	10672.5	10319.8	9800.3	9543.8	9364.1
12.5°	15842.1	15091.7	13424.0	11820.6	11025.3	10608.4	10069.6	9428.3	8812.6	8575.3	8248.1
15°	15893.4	14995.5	13116.2	11384.4	10428.8	9620.7	9139.7	8427.7	7799.2	7382.3	7145.0
17.5°	16669.5	15579.1	13257.3	11051.0	9678.4	8665.1	7722.2	6952.5	6452.2	6138.0	6061.0
20°	18503.8	17022.2	13494.6	10512.2	8928.0	7664.5	6503.6	5701.9	5317.1	5310.7	5317.1
22.5°	20030.3	18561.5	13975.7	10191.5	8177.5	6381.8	5227.2	4970.7	4893.7	5054.1	5073.3
25°	22089.1	20293.2	14803.0	10024.7	7484.9	5438.9	4726.9	4630.8	4624.3	4829.6	4836.0
27.5°	24199.3	21806.9	15296.9	9537.3	6779.4	4951.5	4425.5	4406.3	4508.9	4726.9	4707.7
30°	25636.0	23076.8	16188.4	8953.6	5945.6	4521.7	4303.6	4329.3	4470.4	4637.2	4662.8
32.5°	27310.0	24327.5	16419.3	8632.9	5432.5	4162.5	4008.6	4066.3	4246.0	4508.9	4650.0
35°	29227.7	25212.6	16772.1	8196.8	5240.1	3886.8	3809.8	3873.9	4092.0	4265.1	4419.1
37.5°	30645.1	26777.6	16836.2	7856.9	5028.4	3732.9	3611.0	3822.6	3950.9	4194.7	4271.6
40°	31697.0	27912.8	17003.0	7645.3	4861.7	3534.0	3534.0	3675.1	3848.2	4072.8	4226.7
42.5°	32370.4	28740.2	17124.9	7452.9	4541.0	3476.3	3444.2	3585.4	3816.2	4034.3	4104.8
44°	32780.9	29093.0	17003.0	7273.2	4451.2	3405.7	3405.7	3527.6	3707.2	3963.7	4047.1
45°	32883.5	29535.5	16733.6	7266.8	4342.2	3322.4	3309.5	3540.4	3662.3	3976.6	4027.9
47.5°	33281.1	30080.7	16765.7	7061.6	4079.2	3123.6	3348.0	3450.6	3559.6	3835.5	4008.6
50°	33268.4	30420.7	16695.1	6760.1	3886.8	2899.0	3271.1	3386.5	3495.5	3777.7	3848.2
52.5°	33358.2	31690.6	17342.9	6279.1	3540.4	2610.4	3014.5	3271.1	3405.7	3643.0	3790.6
55°	33313.3	32415.3	17984.3	5920.0	3053.0	2437.2	2796.4	3097.8	3290.2	3540.4	3611.0
57.5°	30427.0	28650.4	16643.8	5246.5	2527.0	2232.0	2488.5	2918.3	3162.0	3418.6	3508.3
60°	24859.9	22082.7	13725.5	3861.1	2078.1	2052.4	2315.4	2860.6	2963.2	3187.6	3341.5
62.5°	22974.2	19369.7	10884.2	2950.3	1776.6	1879.2	2135.8	2584.7	2745.1	3020.9	3162.0
65°	17977.9	12866.0	6740.9	1994.7	1564.9	1686.8	1930.5	2264.1	2527.0	2783.6	2950.3
67.5°	10646.9	7029.5	3335.2	1398.2	1366.1	1494.4	1744.6	1994.7	2296.1	2578.3	2661.8
70°	5798.1	3457.0	1423.9	1064.7	1160.9	1276.4	1520.1	1693.3	1981.9	2200.0	2341.0
72.5°	1860.0	1051.8	711.9	788.9	885.1	1019.8	1167.3	1379.0	1584.2	1712.4	1827.9
75°	448.9	442.5	506.7	551.6	641.3	744.0	865.9	974.9	1135.3	1257.1	1359.7
77.5°	314.3	339.9	391.2	455.4	487.4	526.0	602.9	686.3	756.8	846.6	910.7
80°	243.7	263.0	301.4	333.5	365.6	397.6	436.1	468.2	513.1	570.8	602.9
82.5°	230.9	243.7	282.2	301.4	288.6	282.2	307.9	320.7	327.1	346.3	365.6
85°	19.3	0.0	12.9	44.9	109.0	160.4	173.2	173.2	166.8	179.6	179.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	25.7	19.3
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°	19594.1	19594.1	19594.1	19594.1	19594.1	19594.1	19594.1	19594.1	19594.1	19594.1	19594.1
2.5°	17342.9	17124.9	17208.2	17310.8	17163.3	16823.4	16913.2	16874.7	17221.1	17195.4	17541.7
5°	14540.0	14200.1	14238.6	14738.9	14578.6	14751.7	14405.4	14360.5	14424.7	14456.7	14514.4
7.5°	11127.9	11083.0	11467.9	11891.2	12090.0	11884.8	11544.8	11467.9	11397.3	11256.2	11576.9
10°	9082.0	9094.7	9069.1	9389.8	9614.3	9569.4	9364.1	9338.5	9203.8	9152.5	9332.1
12.5°	8107.1	7933.8	7850.5	7747.9	7921.0	8036.5	7946.7	7882.5	7889.0	7953.1	7978.7
15°	7164.2	7055.1	6875.6	6760.1	6843.6	6785.8	6753.7	6882.0	6849.9	6837.1	6991.1
17.5°	6105.9	6195.7	6182.9	6054.6	6163.7	6118.8	6112.3	6022.6	5900.7	5810.9	5862.2
20°	5406.8	5573.6	5701.9	5708.3	5766.0	5759.6	5663.4	5387.6	5297.8	5278.5	5291.4
22.5°	5156.7	5246.5	5400.4	5618.5	5618.5	5515.9	5400.4	5079.7	4996.4	4906.6	4868.0
25°	4957.9	5131.0	5329.8	5355.5	5458.2	5362.0	5175.9	5015.6	4842.4	4720.5	4720.5
27.5°	4855.3	5047.7	5195.2	5240.1	5381.1	5304.2	5111.8	4906.6	4701.3	4694.9	4585.9
30°	4810.4	4989.9	5086.1	5195.2	5259.3	5137.4	5079.7	4861.7	4656.4	4605.1	4425.5
32.5°	4675.6	4932.2	5111.8	5086.1	5137.4	5086.1	5002.8	4823.1	4592.3	4476.8	4457.6
35°	4521.7	4778.3	4970.7	5105.4	5137.4	5028.4	4977.1	4733.4	4419.1	4361.3	4162.5
37.5°	4438.4	4592.3	4829.6	5047.7	5092.6	5034.8	4861.7	4611.5	4297.3	4233.1	4059.9
40°	4335.7	4534.6	4720.5	4900.2	5034.8	4893.7	4694.9	4451.2	4310.0	4117.6	4066.3
42.5°	4258.7	4483.2	4637.2	4836.0	4989.9	4804.0	4573.0	4406.3	4207.4	4079.2	3931.7
44°	4233.1	4438.4	4541.0	4784.7	4913.0	4771.8	4579.4	4406.3	4175.4	4059.9	3931.7
45°	4143.3	4425.5	4534.6	4752.7	4861.7	4746.2	4502.5	4329.3	4162.5	4021.4	3886.8
47.5°	4053.5	4246.0	4431.9	4605.1	4682.1	4643.6	4438.4	4226.7	4027.9	3944.5	3816.2
50°	4027.9	4220.3	4393.5	4553.8	4643.6	4566.6	4380.6	4175.4	3944.5	3809.8	3700.7
52.5°	3899.5	4136.9	4329.3	4380.6	4496.1	4451.2	4310.0	4085.6	3867.5	3752.0	3662.3
55°	3713.6	3963.7	4226.7	4290.9	4457.6	4387.1	4175.4	3963.7	3777.7	3604.5	3489.1
57.5°	3643.0	3886.8	4143.3	4226.7	4329.3	4213.8	4162.5	3938.1	3643.0	3553.2	3373.7
60°	3463.5	3771.3	3983.0	4175.4	4181.8	4149.7	4059.9	3803.3	3559.6	3392.9	3264.6
62.5°	3322.4	3611.0	3777.7	3957.3	4066.3	3976.6	3886.8	3649.4	3386.5	3200.5	3053.0
65°	3117.1	3380.1	3521.2	3630.2	3752.0	3739.3	3585.4	3412.1	3136.3	2988.8	2847.7
67.5°	2802.8	3033.7	3226.2	3328.8	3405.7	3386.5	3271.1	3149.2	2867.0	2719.5	2616.9
70°	2424.4	2661.8	2783.6	2841.3	2918.3	2956.8	2867.0	2809.3	2559.1	2366.7	2270.4
72.5°	1949.8	2103.8	2283.3	2334.6	2366.7	2392.3	2392.3	2341.0	2084.5	2007.6	1840.8
75°	1436.7	1558.5	1693.3	1693.3	1751.0	1757.4	1770.2	1738.2	1545.8	1443.1	1404.6
77.5°	974.9	1064.7	1173.7	1218.6	1257.1	1250.7	1244.3	1154.5	1051.8	1006.9	968.5
80°	635.0	724.8	776.1	833.8	872.3	865.9	878.7	814.6	769.7	692.7	705.5
82.5°	378.4	448.9	500.3	570.8	570.8	590.0	590.0	570.8	526.0	487.4	487.4
85°	179.6	237.3	269.4	314.3	339.9	346.3	307.9	263.0	218.1	198.8	218.1
87.5°	32.0	44.9	64.2	57.7	70.6	64.2	64.2	64.2	64.2	51.3	57.7
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: P651625

CATALOG NUMBER: GALN-SA9D-840-U-SLL-GRSWH

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	19594.1	19594.1	19594.1	19594.1	19594.1	19594.1	19594.1	19594.1	19594.1	19594.1
2.5°	17413.4	17734.2	17958.6	18330.6	18972.0	19485.1	20011.0	20402.2	20447.1	20562.6
5°	14726.1	14899.2	15470.1	16214.1	16740.0	17605.8	18163.8	19177.2	19555.7	19959.7
7.5°	11499.9	11782.2	12545.4	13045.7	14200.1	15284.1	16406.5	17657.2	18157.4	18215.1
10°	9697.7	10108.1	10627.6	11429.4	12057.9	13263.7	14661.9	16053.8	16611.7	16707.9
12.5°	8517.5	9043.4	9736.2	10313.4	10916.3	11968.1	13308.7	15027.5	15752.3	16188.4
15°	7382.3	7927.4	8690.7	9492.5	10024.7	11281.8	12859.6	14796.6	15739.5	16124.2
17.5°	6215.0	6721.7	7350.2	8216.1	9287.2	10698.2	12789.1	15566.2	16598.9	17047.8
20°	5214.5	5496.6	6227.8	7119.3	8459.8	10101.8	12814.7	16701.5	18215.1	18414.0
22.5°	4823.1	4887.3	5175.9	5996.9	7465.6	9492.5	13270.1	18311.3	20030.3	20684.5
25°	4521.7	4508.9	4585.9	5137.4	6740.9	9255.1	13719.1	19792.9	22044.2	22756.1
27.5°	4355.0	4226.7	4233.1	4752.7	6227.8	8870.3	14296.3	21492.6	24327.5	24641.8
30°	4271.6	4246.0	4169.0	4380.6	5669.8	8293.0	14392.5	23166.6	25674.4	26129.8
32.5°	4220.3	3970.1	3873.9	3950.9	5143.9	7664.5	14751.7	24269.8	27342.0	27143.2
35°	3963.7	3739.3	3675.1	3752.0	4771.8	7311.7	14514.4	25231.9	28592.7	28926.2
37.5°	3867.5	3668.7	3540.4	3476.3	4425.5	7016.7	14392.5	26713.4	29804.9	30606.6
40°	3777.7	3566.1	3412.1	3348.0	4156.1	6625.5	14354.1	27855.1	31203.1	31684.2
42.5°	3675.1	3540.4	3367.3	3251.8	3829.1	6234.2	13911.5	28207.9	31632.9	32152.4
44°	3643.0	3437.8	3258.2	3219.7	3700.7	6035.4	13821.8	28528.6	32004.8	32793.7
45°	3611.0	3418.6	3213.3	3162.0	3655.8	5926.4	13699.9	28605.5	32620.5	32768.1
47.5°	3521.2	3399.3	3200.5	3059.4	3559.6	5689.0	13334.3	28169.4	31992.0	32017.6
50°	3450.6	3309.5	3104.3	2828.5	3431.4	5490.2	13501.1	28009.0	30478.3	30536.0
52.5°	3373.7	3162.0	3046.5	2571.9	3219.7	5323.4	13853.8	28733.8	30651.5	30638.7
55°	3283.9	3053.0	2770.8	2353.9	2867.0	5111.8	14706.8	30164.1	32255.0	32473.0
57.5°	3142.7	2943.9	2539.9	2161.5	2462.9	4707.7	14431.1	27425.3	29676.6	29715.1
60°	2956.8	2770.8	2302.6	2013.9	2020.3	3713.6	12904.6	21370.7	23416.7	23974.7
62.5°	2777.2	2674.5	2103.8	1802.3	1718.9	2956.8	10909.9	17759.8	20100.8	20562.6
65°	2565.6	2315.4	1930.5	1642.0	1475.2	2071.6	7728.6	13270.1	15681.7	16303.9
67.5°	2296.1	2026.7	1699.7	1443.1	1263.5	1385.4	3989.4	7542.6	9986.3	10351.9
70°	2007.6	1757.4	1430.3	1218.6	1019.8	955.6	1757.4	3598.1	5458.2	5836.5
72.5°	1648.4	1417.4	1141.7	962.1	763.2	660.6	590.0	962.1	1937.0	2251.3
75°	1193.0	1032.6	859.4	686.3	538.7	423.3	346.3	288.6	320.7	346.3
77.5°	878.7	750.4	635.0	487.4	378.4	301.4	237.3	179.6	173.2	166.8
80°	686.3	609.3	506.7	391.2	295.0	224.5	166.8	121.9	109.0	109.0
82.5°	538.7	500.3	416.9	320.7	243.7	179.6	121.9	83.3	70.6	70.6
85°	205.2	205.2	301.4	263.0	186.0	128.3	83.3	44.9	38.5	38.5
87.5°	51.3	51.3	51.3	51.3	44.9	38.5	38.5	19.3	12.9	12.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)