

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: P647610

Luminaire Tested: **GALN-SA8D-835-U-SLL-GRSWH**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P647610  
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-SA8D-835-U-SLL-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(8) 80 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: 36427.5 lumens  
Efficiency: N/A  
Efficacy: 73.9 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B4 - U0 - G3

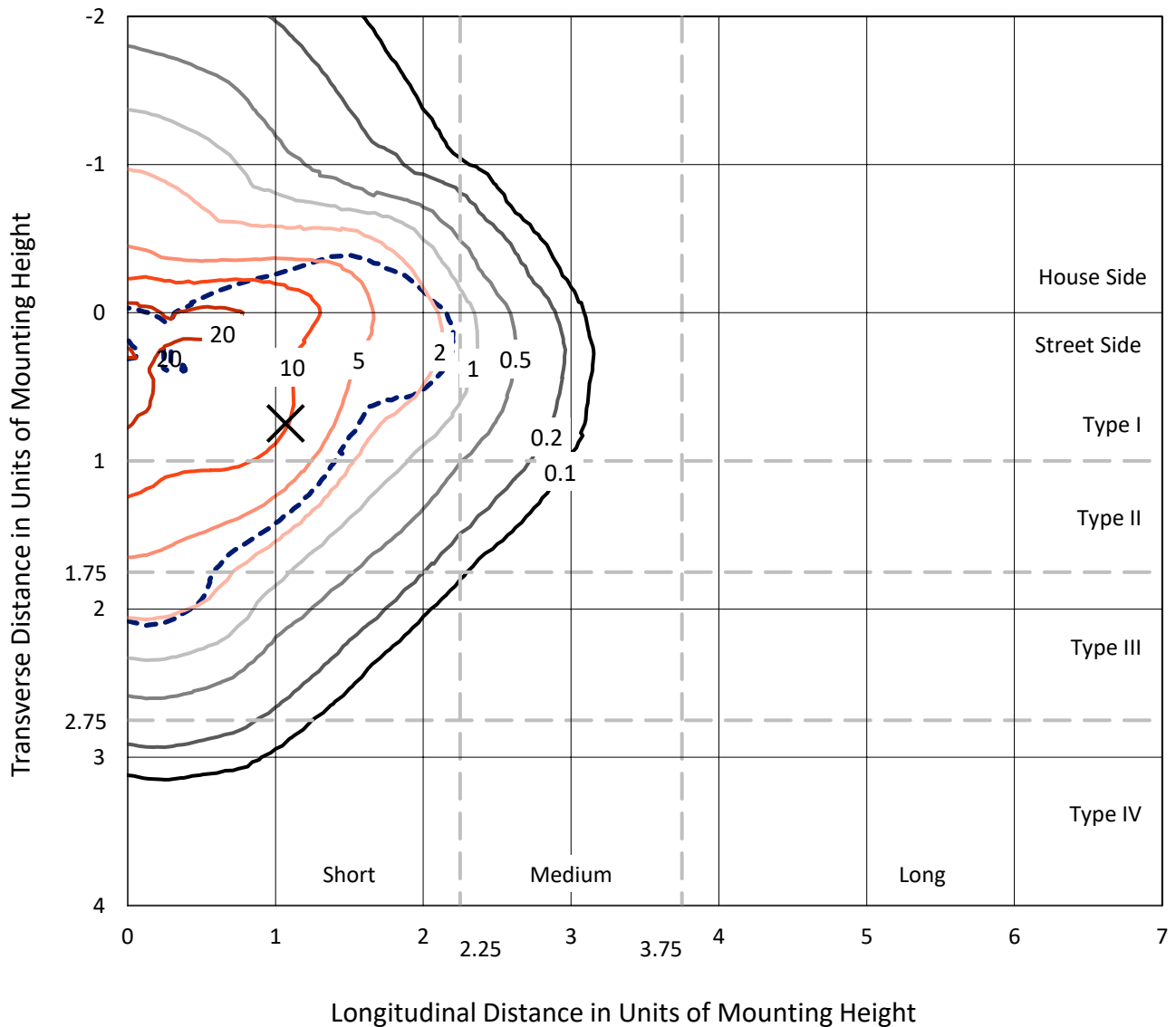
Input Watts (W): 493  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

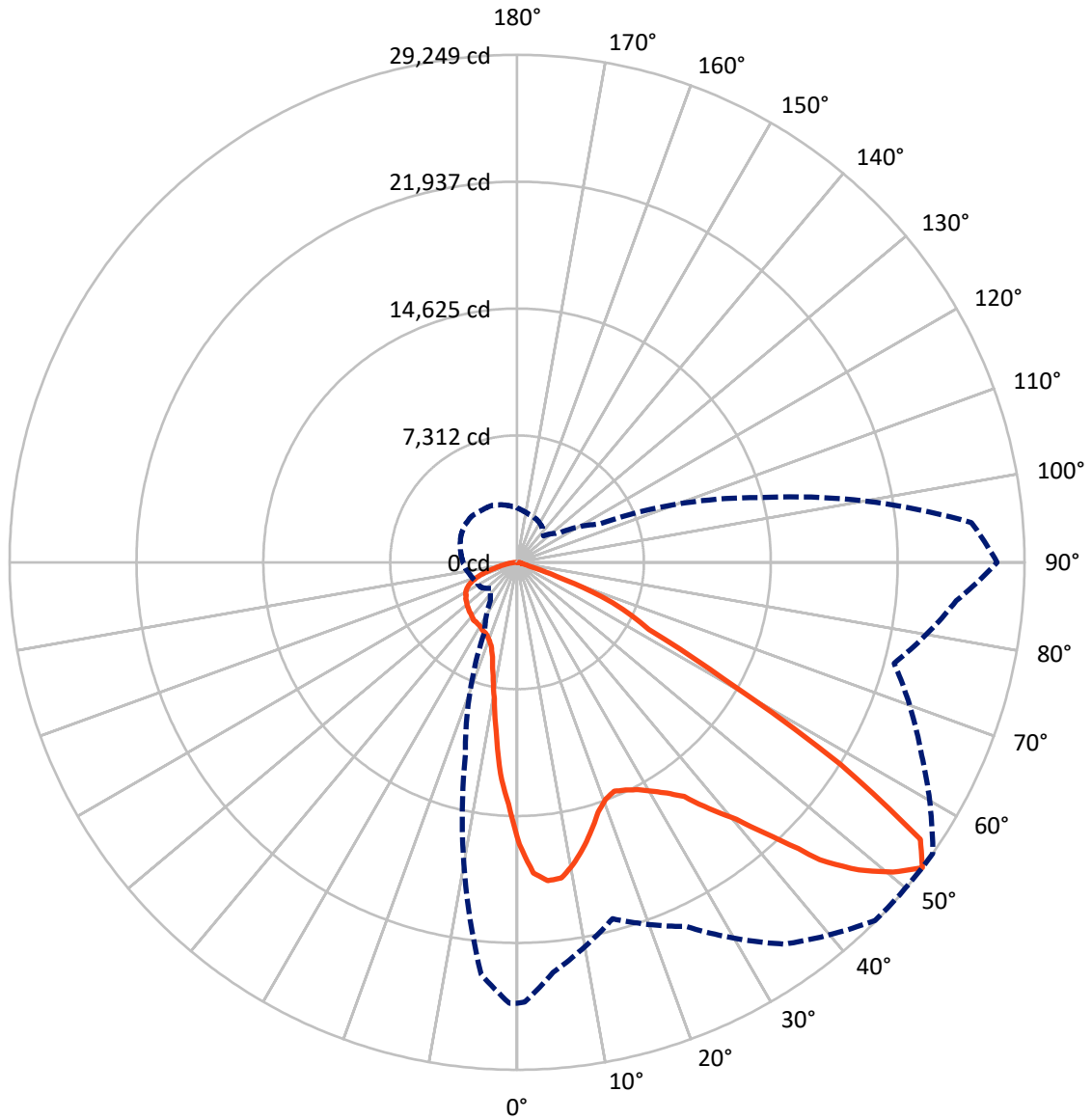
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 27.6 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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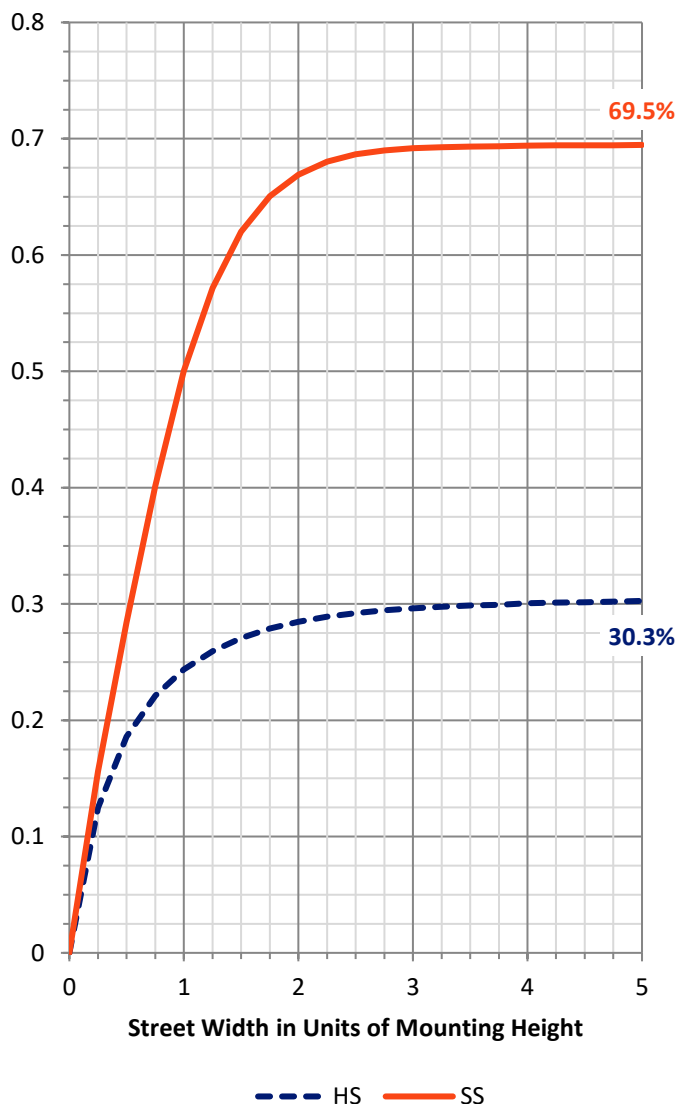
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	11112.4	0.0	11112.4
	% Fixture	30.5	0.0	30.5
<b>Street Side</b>	Lumens	25315.1	0.0	25315.1
	% Fixture	69.5	0.0	69.5
<b>Total</b>	Lumens	36427.5	0.0	36427.5
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1241.4	3.4
10°-20°	2676.7	7.3
20°-30°	4058.7	11.1
30°-40°	5864.2	16.1
40°-50°	7836.2	21.5
50°-60°	8747.0	24.0
60°-70°	4798.1	13.2
70°-80°	1037.3	2.8
80°-90°	167.8	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°	36427.5	100.0
0°-180°	36427.5	100.0

**Coefficient of Utilization**

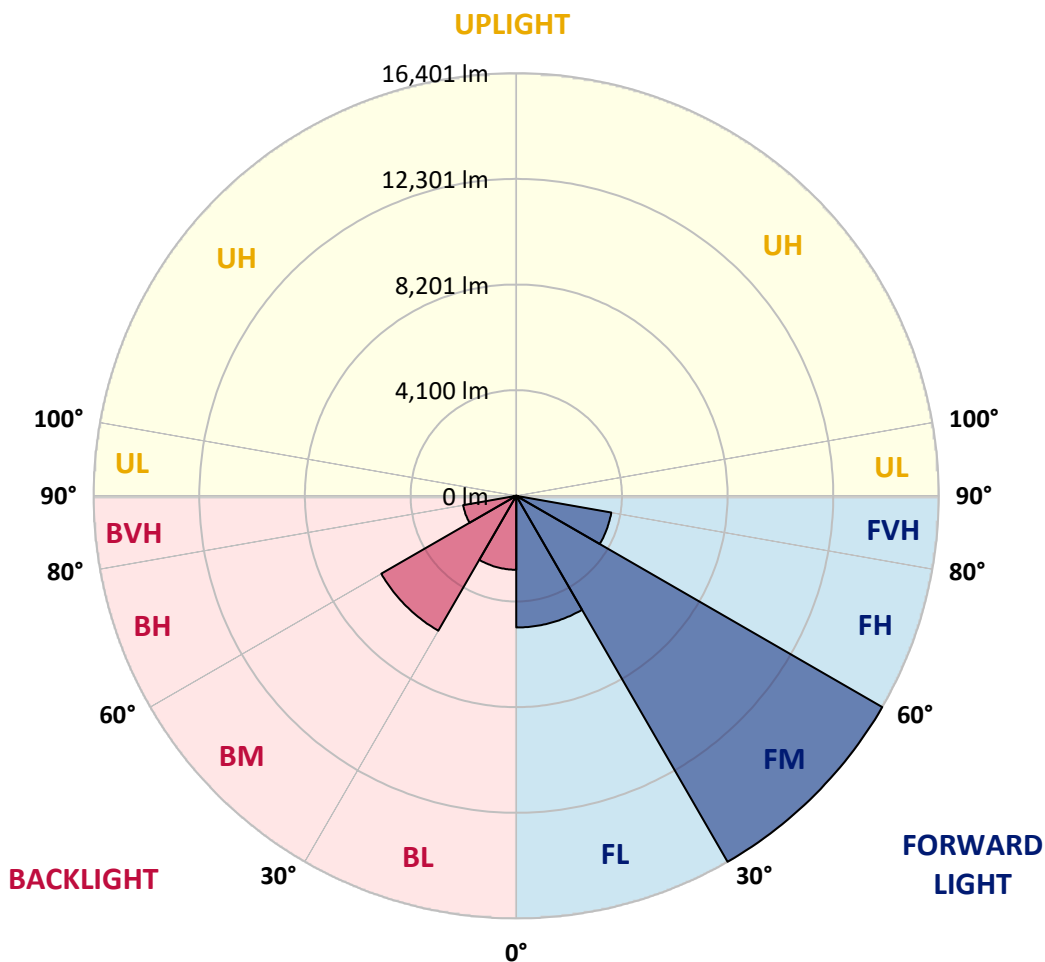


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	5107.8	14.0			
FM (30°-60°)	16401.4	45.0			
FH (60°-80°)	3743.8	10.3			G2/5000
FVH (80°-90°)	62.1	0.2			G1/100
BL (0°-30°)	2869.1	7.9	B4/5000		
BM (30°-60°)	6046.0	16.6	B4/8500		
BH (60°-80°)	2091.6	5.7	B3/2500		G3/2500
BVH (80°-90°)	105.7	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 II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	16249.5	16249.5	16249.5	16249.5	16249.5	16249.5	16249.5	16249.5	16249.5	16249.5	16249.5
2.5°	17052.6	16956.9	17042.0	17446.3	17680.3	17839.9	17941.0	17925.0	17542.0	17169.7	17169.7
5°	16552.7	16430.3	16605.9	17520.7	18440.9	18520.7	18653.6	18435.6	17871.7	17190.9	16339.9
7.5°	15105.9	15196.3	15488.8	16691.0	17887.7	18488.7	18648.3	18371.8	17456.9	16185.6	14935.7
10°	13856.0	14068.7	14744.2	16042.0	17143.1	17925.0	18100.5	17712.2	16988.8	15430.3	14313.4
12.5°	13425.1	13292.1	14042.1	15339.9	16393.1	16813.3	16893.1	16919.7	16430.3	15047.4	13685.7
15°	13371.9	13457.0	14042.1	15026.1	15675.0	15696.3	15829.3	16036.7	16100.6	15308.0	13978.3
17.5°	14137.8	14036.8	14637.9	15419.7	15111.2	14802.7	14834.6	15132.5	15659.1	15531.4	14898.5
20°	15270.8	15499.5	15972.9	15893.1	15063.4	14281.5	14286.8	14568.7	15605.9	16456.9	16180.3
22.5°	17153.7	17377.1	17728.1	16765.4	15063.4	14127.2	13946.4	14329.4	15946.3	17558.0	17627.1
25°	18871.7	19281.3	19377.1	18244.1	15818.6	14270.8	14153.8	14531.5	16286.7	18632.4	19286.6
27.5°	20435.5	20584.4	21004.7	19196.2	16238.9	14366.6	14355.9	14840.0	16717.5	19169.6	20770.6
30°	21669.5	21653.6	21892.9	19797.2	16909.0	14903.8	14387.9	15302.7	17281.4	20057.9	22142.9
32.5°	22509.9	22690.8	23196.1	20632.4	17190.9	15414.4	15010.2	15845.3	17967.5	20478.1	23110.9
35°	23988.6	24302.4	23664.1	21095.1	18084.6	15919.7	15446.3	16584.6	18307.9	20935.5	24297.1
37.5°	25382.2	25142.8	24493.9	21345.0	18664.3	16855.9	16414.3	18015.4	19366.4	21930.2	25084.3
40°	26275.8	26270.4	25116.2	21547.2	19073.9	18286.7	18260.0	19467.5	20664.2	22557.8	25967.3
42.5°	26664.0	27036.4	25371.5	21525.9	19935.6	20020.6	20557.9	21637.6	21584.4	22685.5	25946.0
44°	27195.9	27419.3	25813.0	21573.8	20510.0	21190.8	22456.8	23142.9	22387.6	22616.3	25919.4
45°	27174.6	27190.6	25185.4	21637.6	20999.4	22169.5	23302.5	24462.0	23095.0	22467.4	26270.4
47.5°	26552.4	26371.5	24653.5	21164.3	22525.9	24754.5	25802.4	26504.5	23967.3	22148.3	25834.3
50°	25323.6	25116.2	23361.0	20962.1	22845.0	26360.9	27807.6	28063.0	24759.9	21834.4	25403.4
52.5°	25408.7	25350.3	23728.0	21265.3	23164.2	26866.1	29185.2	29249.0	25658.8	22493.9	25408.7
55°	26930.0	26727.9	24781.2	21642.9	22930.2	26275.8	28307.6	28195.9	25355.6	22095.1	25876.8
57.5°	24642.8	24775.8	23323.8	20148.3	20068.5	21361.0	22254.6	21978.0	21158.9	19940.9	24073.7
60°	19882.3	20260.0	20398.3	16850.6	15143.1	14478.3	14212.3	13722.9	13861.3	16382.5	21148.3
62.5°	17052.6	17031.3	17898.4	15276.1	9919.9	8531.6	8404.0	8515.7	10111.3	16127.1	20712.2
65°	13520.8	13882.5	14148.5	12946.4	7850.8	6334.9	6329.6	7037.0	8749.7	13478.3	16722.8
67.5°	8584.8	9058.2	9388.0	8281.6	5249.9	4510.5	4388.2	5239.2	6063.6	8840.1	10068.8
70°	4840.3	5063.7	5212.6	4776.5	3340.4	2340.4	2202.0	2404.2	3664.8	5723.3	5967.9
72.5°	1867.0	1968.0	2170.2	2186.1	1260.6	755.3	611.7	734.0	1542.5	2265.9	2159.5
75°	287.2	308.5	436.1	521.2	361.7	276.6	292.5	303.2	430.8	585.1	489.4
77.5°	138.3	138.3	133.0	154.3	180.9	196.8	212.7	234.0	255.3	281.9	271.2
80°	90.4	90.4	90.4	106.4	133.0	159.6	180.9	191.5	202.1	223.4	212.7
82.5°	58.5	58.5	58.5	79.8	106.4	133.0	143.6	170.2	191.5	223.4	207.4
85°	31.9	31.9	31.9	53.2	79.8	111.7	106.4	85.1	47.8	5.3	10.6
87.5°	10.6	10.6	10.6	10.6	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°	16249.5	16249.5	16249.5	16249.5	16249.5	16249.5	16249.5	16249.5	16249.5	16249.5	16249.5
2.5°	16722.8	16478.2	16456.9	15956.9	15510.1	15292.1	15116.5	14627.2	14733.6	14451.7	14446.4
5°	15914.4	15414.4	14605.9	13941.1	13276.2	13143.2	12563.5	12058.1	12074.1	11712.4	11776.2
7.5°	14462.3	14116.6	13132.6	12090.1	11207.1	10579.4	10031.6	9701.8	9281.6	9138.0	9063.5
10°	13542.1	13116.6	12010.3	10701.8	9712.5	9377.4	8850.8	8558.3	8127.4	7914.6	7765.7
12.5°	13137.9	12515.6	11132.6	9802.8	9143.3	8797.6	8350.8	7818.9	7308.3	7111.4	6840.2
15°	13180.5	12435.8	10877.3	9441.2	8648.6	7978.5	7579.5	6989.1	6467.9	6122.1	5925.4
17.5°	13824.0	12919.8	10994.3	9164.6	8026.4	7185.9	6404.1	5765.8	5350.9	5090.3	5026.5
20°	15345.2	14116.6	11191.1	8717.8	7404.0	6356.2	5393.5	4728.5	4409.5	4404.1	4409.5
22.5°	16611.2	15393.2	11590.0	8451.9	6781.7	5292.4	4335.0	4122.2	4058.4	4191.3	4207.3
25°	18318.6	16829.3	12276.2	8313.6	6207.2	4510.5	3920.1	3840.3	3835.0	4005.2	4010.5
27.5°	20068.5	18084.6	12685.8	7909.3	5622.2	4106.3	3670.1	3654.1	3739.2	3920.1	3904.1
30°	21259.9	19137.7	13425.1	7425.3	4930.7	3749.9	3569.1	3590.3	3707.3	3845.6	3866.9
32.5°	22648.2	20174.9	13616.6	7159.4	4505.1	3452.0	3324.4	3372.2	3521.2	3739.2	3856.3
35°	24238.6	20908.9	13909.1	6797.7	4345.6	3223.3	3159.5	3212.6	3393.5	3537.1	3664.8
37.5°	25414.1	22206.7	13962.3	6515.7	4170.1	3095.7	2994.6	3170.1	3276.5	3478.6	3542.4
40°	26286.4	23148.2	14100.7	6340.3	4031.8	2930.8	2930.8	3047.7	3191.4	3377.5	3505.2
42.5°	26844.9	23834.4	14201.7	6180.7	3765.8	2882.8	2856.3	2973.3	3164.8	3345.6	3404.2
44°	27185.3	24126.9	14100.7	6031.8	3691.4	2824.4	2824.4	2925.4	3074.4	3287.1	3356.3
45°	27270.4	24493.9	13877.2	6026.4	3600.9	2755.2	2744.6	2936.1	3037.1	3297.8	3340.4
47.5°	27600.2	24946.0	13903.8	5856.2	3382.9	2590.3	2776.5	2861.6	2952.1	3180.8	3324.4
50°	27589.6	25227.9	13845.3	5606.2	3223.3	2404.2	2712.7	2808.4	2898.8	3132.9	3191.4
52.5°	27664.0	26281.1	14382.5	5207.3	2936.1	2164.8	2499.9	2712.7	2824.4	3021.2	3143.5
55°	27626.8	26882.1	14914.4	4909.4	2531.8	2021.2	2319.1	2569.1	2728.6	2936.1	2994.6
57.5°	25233.3	23759.9	13802.7	4350.9	2095.7	1851.0	2063.8	2420.2	2622.3	2835.0	2909.5
60°	20616.4	18313.3	11382.6	3202.0	1723.4	1702.1	1920.2	2372.3	2457.4	2643.6	2771.2
62.5°	19052.6	16063.3	9026.3	2446.7	1473.4	1558.5	1771.2	2143.5	2276.5	2505.2	2622.3
65°	14909.1	10669.9	5590.2	1654.2	1297.8	1398.9	1601.0	1877.6	2095.7	2308.4	2446.7
67.5°	8829.5	5829.6	2765.9	1159.5	1132.9	1239.3	1446.7	1654.2	1904.2	2138.2	2207.4
70°	4808.3	2867.0	1180.8	883.0	962.7	1058.5	1260.6	1404.2	1643.6	1824.4	1941.4
72.5°	1542.5	872.3	590.4	654.2	734.0	845.7	968.0	1143.6	1313.8	1420.2	1515.9
75°	372.3	367.0	420.2	457.4	531.9	617.0	718.1	808.4	941.5	1042.5	1127.6
77.5°	260.7	281.9	324.5	377.6	404.3	436.1	499.9	569.2	627.7	702.1	755.3
80°	202.1	218.1	250.0	276.6	303.2	329.8	361.7	388.3	425.5	473.4	499.9
82.5°	191.5	202.1	234.0	250.0	239.4	234.0	255.3	266.0	271.2	287.2	303.2
85°	16.0	0.0	10.6	37.3	90.4	133.0	143.6	143.6	138.3	148.9	148.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	21.3	16.0
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°	16249.5	16249.5	16249.5	16249.5	16249.5	16249.5	16249.5	16249.5	16249.5	16249.5	16249.5
2.5°	14382.5	14201.7	14270.8	14355.9	14233.6	13951.7	14026.1	13994.2	14281.5	14260.2	14547.4
5°	12058.1	11776.2	11808.1	12223.0	12090.1	12233.7	11946.5	11909.2	11962.4	11989.0	12036.8
7.5°	9228.4	9191.2	9510.3	9861.4	10026.3	9856.1	9574.1	9510.3	9451.8	9334.8	9600.8
10°	7531.7	7542.3	7521.0	7787.0	7973.1	7935.9	7765.7	7744.4	7632.8	7590.2	7739.1
12.5°	6723.2	6579.5	6510.4	6425.3	6569.0	6664.7	6590.2	6537.0	6542.4	6595.5	6616.8
15°	5941.3	5850.9	5702.0	5606.2	5675.3	5627.5	5600.9	5707.3	5680.7	5670.0	5797.7
17.5°	5063.7	5138.1	5127.5	5021.1	5111.5	5074.3	5069.0	4994.5	4893.4	4819.0	4861.6
20°	4483.9	4622.2	4728.5	4733.9	4781.8	4776.5	4696.7	4468.0	4393.5	4377.5	4388.2
22.5°	4276.4	4350.9	4478.6	4659.4	4659.4	4574.3	4478.6	4212.6	4143.5	4069.0	4037.1
25°	4111.6	4255.2	4420.0	4441.3	4526.4	4446.7	4292.4	4159.5	4015.9	3914.8	3914.8
27.5°	4026.5	4186.1	4308.4	4345.6	4462.6	4398.8	4239.2	4069.0	3898.8	3893.5	3803.1
30°	3989.2	4138.2	4217.9	4308.4	4361.5	4260.5	4212.6	4031.8	3861.6	3819.0	3670.1
32.5°	3877.6	4090.3	4239.2	4217.9	4260.5	4217.9	4148.8	3999.9	3808.4	3712.7	3696.7
35°	3749.9	3962.6	4122.2	4233.9	4260.5	4170.1	4127.5	3925.4	3664.8	3616.9	3452.0
37.5°	3680.7	3808.4	4005.2	4186.1	4223.3	4175.4	4031.8	3824.3	3563.7	3510.5	3366.9
40°	3595.6	3760.5	3914.8	4063.7	4175.4	4058.4	3893.5	3691.4	3574.3	3414.8	3372.2
42.5°	3531.8	3718.0	3845.6	4010.5	4138.2	3983.9	3792.5	3654.1	3489.3	3382.9	3260.6
44°	3510.5	3680.7	3765.8	3967.9	4074.3	3957.4	3797.8	3654.1	3462.7	3366.9	3260.6
45°	3436.0	3670.1	3760.5	3941.4	4031.8	3936.1	3733.9	3590.3	3452.0	3335.0	3223.3
47.5°	3361.6	3521.2	3675.4	3819.0	3882.8	3851.0	3680.7	3505.2	3340.4	3271.1	3164.8
50°	3340.4	3499.9	3643.5	3776.5	3851.0	3787.1	3632.9	3462.7	3271.1	3159.5	3069.0
52.5°	3233.9	3430.7	3590.3	3632.9	3728.6	3691.4	3574.3	3388.2	3207.3	3111.6	3037.1
55°	3079.7	3287.1	3505.2	3558.4	3696.7	3638.2	3462.7	3287.1	3132.9	2989.3	2893.5
57.5°	3021.2	3223.3	3436.0	3505.2	3590.3	3494.6	3452.0	3265.9	3021.2	2946.7	2797.8
60°	2872.3	3127.5	3303.1	3462.7	3468.0	3441.4	3366.9	3154.2	2952.1	2813.7	2707.4
62.5°	2755.2	2994.6	3132.9	3281.8	3372.2	3297.8	3223.3	3026.5	2808.4	2654.1	2531.8
65°	2585.0	2803.1	2920.1	3010.6	3111.6	3101.0	2973.3	2829.7	2601.0	2478.7	2361.6
67.5°	2324.4	2515.9	2675.4	2760.5	2824.4	2808.4	2712.7	2611.6	2377.6	2255.3	2170.2
70°	2010.6	2207.4	2308.4	2356.3	2420.2	2452.0	2377.6	2329.7	2122.2	1962.7	1883.0
72.5°	1617.0	1744.6	1893.5	1936.1	1962.7	1984.0	1984.0	1941.4	1728.7	1664.8	1526.5
75°	1191.4	1292.5	1404.2	1404.2	1452.1	1457.4	1468.0	1441.4	1281.8	1196.7	1164.9
77.5°	808.4	883.0	973.3	1010.6	1042.5	1037.2	1031.9	957.5	872.3	835.1	803.2
80°	526.6	601.0	643.6	691.5	723.4	718.1	728.7	675.5	638.3	574.5	585.1
82.5°	313.8	372.3	414.9	473.4	473.4	489.4	489.4	473.4	436.1	404.3	404.3
85°	148.9	196.8	223.4	260.7	281.9	287.2	255.3	218.1	180.9	164.9	180.9
87.5°	26.6	37.3	53.2	47.8	58.5	53.2	53.2	53.2	53.2	42.5	47.8
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: P647610

CATALOG NUMBER: GALN-SA8D-835-U-SLL-GRSWH

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	16249.5	16249.5	16249.5	16249.5	16249.5	16249.5	16249.5	16249.5	16249.5	16249.5
2.5°	14441.0	14707.0	14893.1	15201.6	15733.5	16159.1	16595.2	16919.7	16956.9	17052.6
5°	12212.4	12356.0	12829.4	13446.4	13882.5	14600.6	15063.4	15903.7	16217.6	16552.7
7.5°	9536.9	9771.0	10404.0	10818.8	11776.2	12675.1	13606.0	14643.1	15058.0	15105.9
10°	8042.3	8382.7	8813.5	9478.4	9999.7	10999.7	12159.2	13313.4	13776.2	13856.0
12.5°	7063.6	7499.7	8074.2	8552.9	9052.9	9925.2	11036.9	12462.4	13063.4	13425.1
15°	6122.1	6574.2	7207.2	7872.1	8313.6	9356.1	10664.5	12270.9	13052.8	13371.9
17.5°	5154.1	5574.3	6095.6	6813.6	7701.9	8872.1	10606.0	12909.2	13765.5	14137.8
20°	4324.4	4558.4	5164.7	5904.1	7015.8	8377.4	10627.3	13850.6	15105.9	15270.8
22.5°	3999.9	4053.0	4292.4	4973.2	6191.3	7872.1	11005.0	15185.7	16611.2	17153.7
25°	3749.9	3739.2	3803.1	4260.5	5590.2	7675.3	11377.3	16414.3	18281.3	18871.7
27.5°	3611.6	3505.2	3510.5	3941.4	5164.7	7356.1	11856.0	17823.9	20174.9	20435.5
30°	3542.4	3521.2	3457.3	3632.9	4702.0	6877.5	11935.8	19212.2	21291.9	21669.5
32.5°	3499.9	3292.4	3212.6	3276.5	4265.8	6356.2	12233.7	20127.0	22674.8	22509.9
35°	3287.1	3101.0	3047.7	3111.6	3957.4	6063.6	12036.8	20924.9	23712.0	23988.6
37.5°	3207.3	3042.4	2936.1	2882.8	3670.1	5818.9	11935.8	22153.6	24717.3	25382.2
40°	3132.9	2957.4	2829.7	2776.5	3446.7	5494.5	11903.9	23100.3	25876.8	26275.8
42.5°	3047.7	2936.1	2792.5	2696.7	3175.5	5170.1	11536.9	23392.9	26233.2	26664.0
44°	3021.2	2851.0	2702.1	2670.1	3069.0	5005.2	11462.4	23658.8	26541.7	27195.9
45°	2994.6	2835.0	2664.8	2622.3	3031.9	4914.7	11361.3	23722.6	27052.3	27174.6
47.5°	2920.1	2819.0	2654.1	2537.2	2952.1	4718.0	11058.2	23361.0	26531.1	26552.4
50°	2861.6	2744.6	2574.4	2345.6	2845.7	4553.1	11196.4	23228.0	25275.8	25323.6
52.5°	2797.8	2622.3	2526.5	2132.9	2670.1	4414.8	11489.0	23829.0	25419.4	25408.7
55°	2723.4	2531.8	2297.8	1952.1	2377.6	4239.2	12196.4	25015.2	26749.2	26930.0
57.5°	2606.3	2441.4	2106.3	1792.5	2042.5	3904.1	11967.7	22744.0	24610.9	24642.8
60°	2452.0	2297.8	1909.5	1670.1	1675.5	3079.7	10701.8	17722.8	19419.6	19882.3
62.5°	2303.1	2218.0	1744.6	1494.7	1425.5	2452.0	9047.6	14728.2	16669.7	17052.6
65°	2127.6	1920.2	1601.0	1361.6	1223.4	1718.1	6409.4	11005.0	13004.9	13520.8
67.5°	1904.2	1680.8	1409.6	1196.7	1047.8	1148.9	3308.4	6255.2	8281.6	8584.8
70°	1664.8	1457.4	1186.2	1010.6	845.7	792.6	1457.4	2983.9	4526.4	4840.3
72.5°	1367.0	1175.5	946.8	797.9	633.0	547.9	489.4	797.9	1606.3	1867.0
75°	989.3	856.4	712.8	569.2	446.8	351.0	287.2	239.4	266.0	287.2
77.5°	728.7	622.3	526.6	404.3	313.8	250.0	196.8	148.9	143.6	138.3
80°	569.2	505.3	420.2	324.5	244.7	186.2	138.3	101.1	90.4	90.4
82.5°	446.8	414.9	345.8	266.0	202.1	148.9	101.1	69.1	58.5	58.5
85°	170.2	170.2	250.0	218.1	154.3	106.4	69.1	37.3	31.9	31.9
87.5°	42.5	42.5	42.5	42.5	37.3	31.9	31.9	16.0	10.6	10.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)