

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: P647170

Luminaire Tested: **GALN-SA9C-835-U-SLL-GRSWH**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P647170  
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-SA9C-835-U-SLL-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(9) 80 CRI, 3500K, 1050mA 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: 37166.7 lumens  
Efficiency: N/A  
Efficacy: 77.3 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

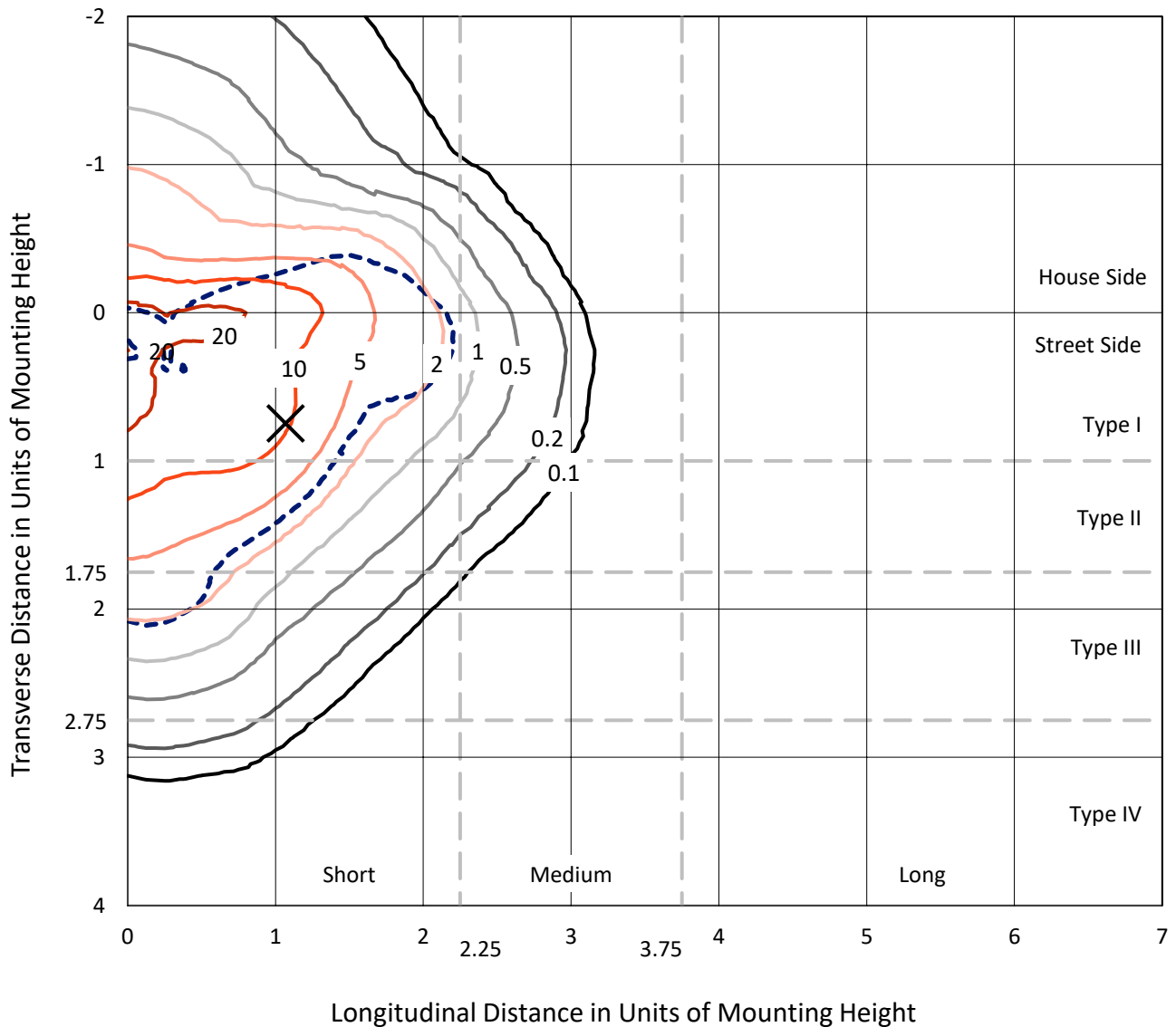
Input Watts (W): 481  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

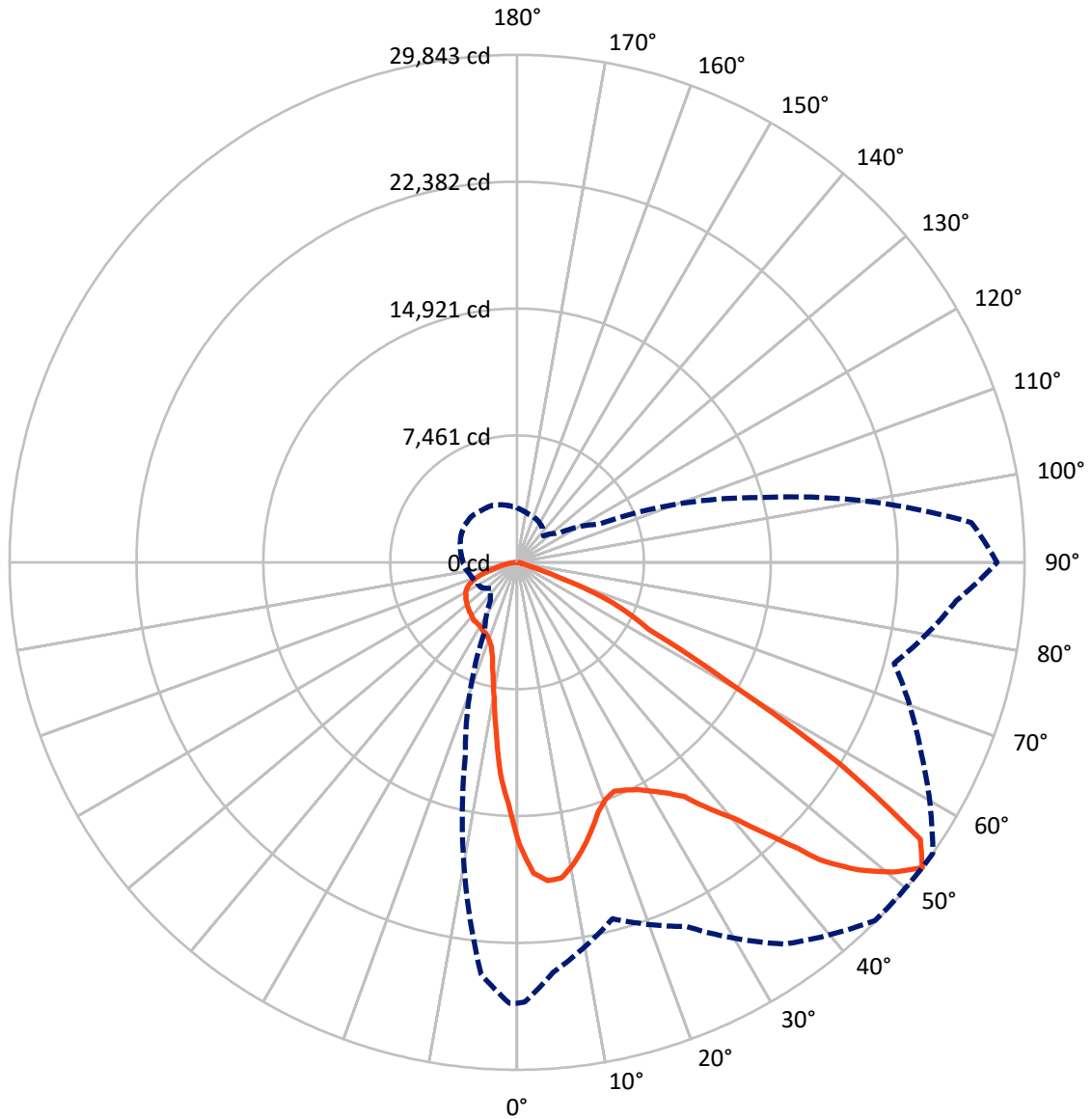
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 28.2 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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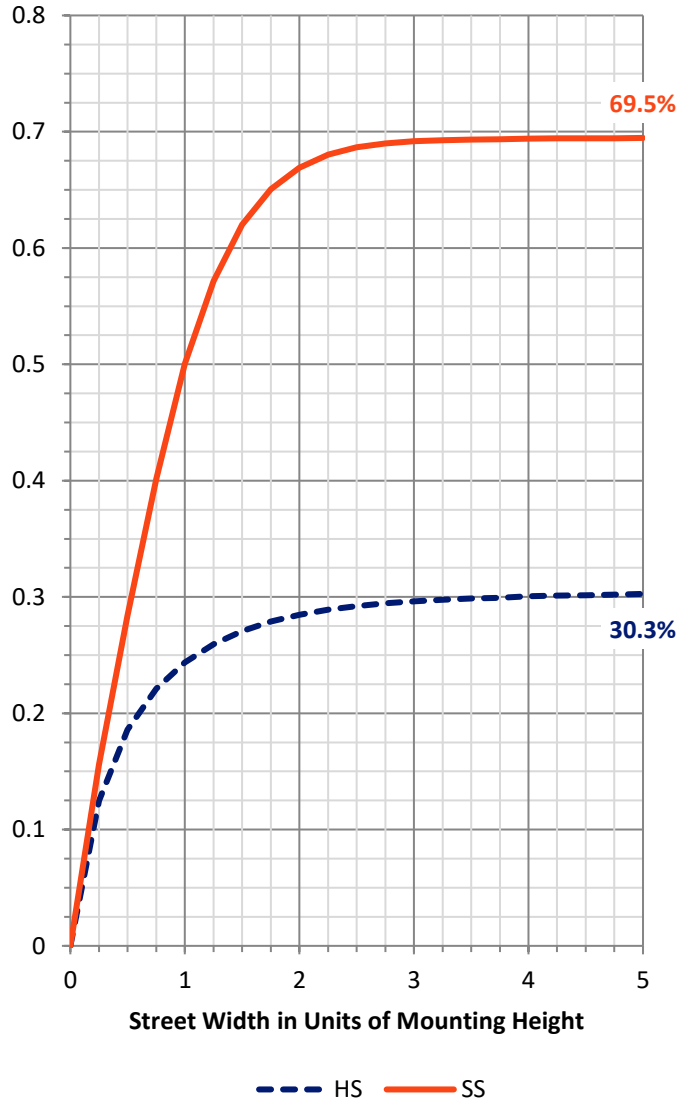
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	11337.9	0.0	11337.9
	% Fixture	30.5	0.0	30.5
<b>Street Side</b>	Lumens	25828.8	0.0	25828.8
	% Fixture	69.5	0.0	69.5
<b>Total</b>	Lumens	37166.7	0.0	37166.7
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1266.6	3.4
10°-20°	2731.0	7.3
20°-30°	4141.1	11.1
30°-40°	5983.2	16.1
40°-50°	7995.2	21.5
50°-60°	8924.4	24.0
60°-70°	4895.5	13.2
70°-80°	1058.4	2.8
80°-90°	171.2	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°	37166.7	100.0
0°-180°	37166.7	100.0

**Coefficient of Utilization**

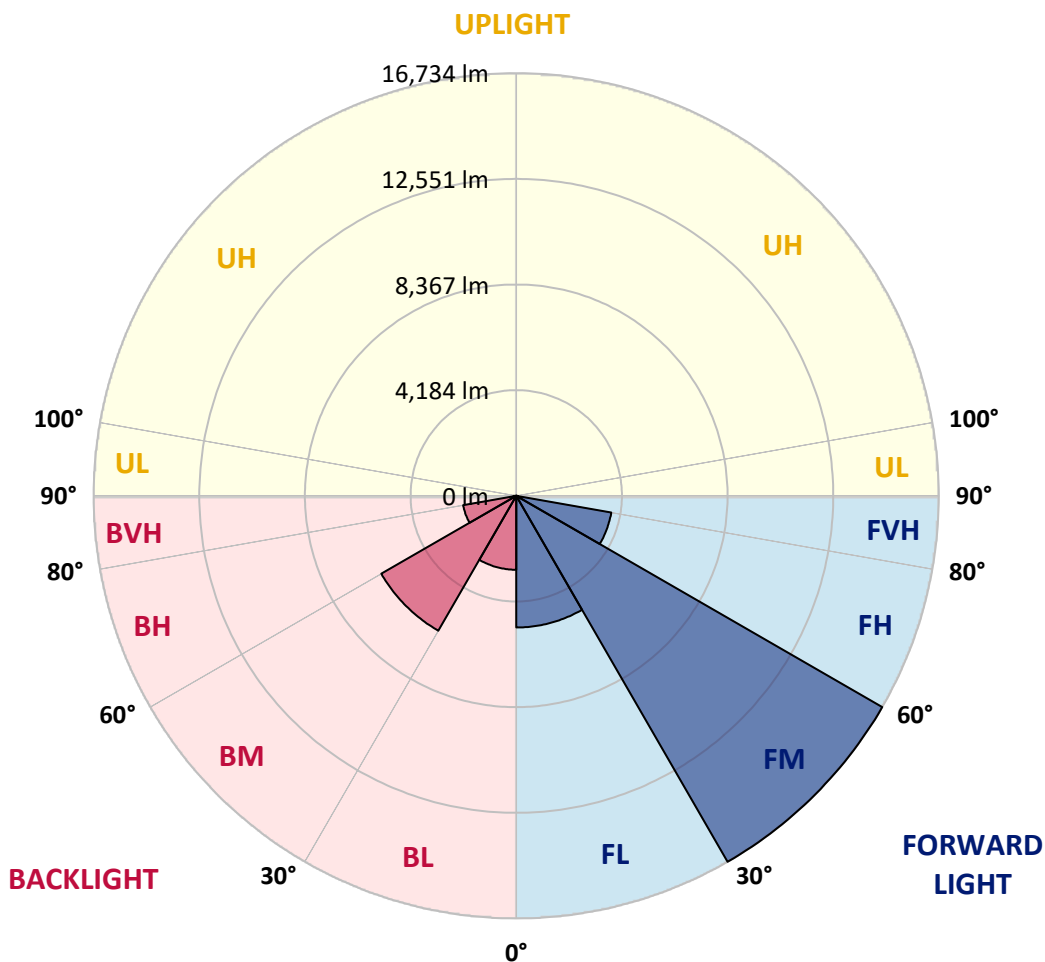


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	5211.4	14.0			
FM (30°-60°)	16734.2	45.0			
FH (60°-80°)	3819.8	10.3			G2/5000
FVH (80°-90°)	63.4	0.2			G1/100
BL (0°-30°)	2927.3	7.9	B4/5000		
BM (30°-60°)	6168.7	16.6	B4/8500		
BH (60°-80°)	2134.0	5.7	B3/2500		G3/2500
BVH (80°-90°)	107.8	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°	16579.2	16579.2	16579.2	16579.2	16579.2	16579.2	16579.2	16579.2	16579.2	16579.2	16579.2
2.5°	17398.7	17301.0	17387.8	17800.3	18039.1	18201.9	18305.0	18288.7	17898.0	17518.1	17518.1
5°	16888.5	16763.7	16942.8	17876.2	18815.1	18896.5	19032.1	18809.7	18234.4	17539.7	16671.5
7.5°	15412.4	15504.7	15803.1	17029.6	18250.7	18864.0	19026.7	18744.6	17811.1	16514.1	15238.7
10°	14137.1	14354.2	15043.4	16367.5	17490.9	18288.7	18467.8	18071.6	17333.6	15743.5	14603.8
12.5°	13697.5	13561.9	14327.0	15651.2	16725.7	17154.4	17235.9	17263.0	16763.7	15352.8	13963.5
15°	13643.2	13730.1	14327.0	15331.0	15993.1	16014.8	16150.5	16362.1	16427.3	15618.7	14262.0
17.5°	14424.7	14321.6	14934.9	15732.6	15417.8	15103.1	15135.6	15439.6	15976.8	15846.6	15200.8
20°	15580.7	15814.0	16297.0	16215.6	15369.0	14571.2	14576.6	14864.3	15922.5	16790.9	16508.7
22.5°	17501.8	17729.7	18087.8	17105.7	15369.0	14413.9	14229.4	14620.1	16269.9	17914.3	17984.8
25°	19254.7	19672.6	19770.2	18614.3	16139.6	14560.4	14441.0	14826.3	16617.2	19010.5	19678.0
27.5°	20850.2	21002.2	21430.9	19585.7	16568.4	14658.1	14647.2	15141.1	17056.8	19558.6	21192.1
30°	22109.3	22093.0	22337.2	20199.0	17252.2	15206.2	14679.8	15613.3	17632.1	20464.9	22592.2
32.5°	22966.6	23151.2	23666.7	21051.0	17539.7	15727.2	15314.7	16166.8	18332.1	20893.6	23579.9
35°	24475.3	24795.6	24144.4	21523.1	18451.5	16242.7	15759.8	16921.1	18679.4	21360.3	24790.1
37.5°	25897.2	25653.0	24990.9	21778.2	19043.0	17197.9	16747.4	18380.9	19759.4	22375.2	25593.3
40°	26808.9	26803.5	25625.9	21984.4	19460.9	18657.7	18630.5	19862.5	21083.5	23015.5	26494.1
42.5°	27205.1	27585.0	25886.4	21962.7	20340.1	20426.9	20975.0	22076.7	22022.4	23145.8	26472.4
44°	27747.8	27975.7	26336.8	22011.5	20926.1	21620.8	22912.4	23612.5	22841.8	23075.2	26445.4
45°	27726.1	27742.4	25696.4	22076.7	21425.5	22619.4	23775.3	24958.4	23563.6	22923.3	26803.5
47.5°	27091.1	26906.6	25153.7	21593.7	22982.9	25256.8	26325.9	27042.3	24453.6	22597.6	26358.5
50°	25837.5	25625.9	23835.0	21387.4	23308.6	26895.7	28371.8	28632.4	25262.2	22277.4	25918.9
52.5°	25924.3	25864.7	24209.4	21696.8	23634.2	27411.3	29777.4	29842.6	26179.4	22950.4	25924.3
55°	27476.4	27270.2	25283.9	22082.1	23395.4	26808.9	28882.0	28768.0	25870.1	22543.4	26401.9
57.5°	25142.8	25278.5	23797.0	20557.1	20475.8	21794.5	22706.2	22424.0	21588.2	20345.5	24562.2
60°	20285.8	20671.1	20812.2	17192.4	15450.4	14772.1	14500.7	14001.4	14142.5	16714.9	21577.4
62.5°	17398.7	17377.0	18261.5	15586.1	10121.2	8704.8	8574.6	8688.5	10316.6	16454.4	21132.4
65°	13795.2	14164.2	14435.5	13209.1	8010.1	6463.4	6458.0	7179.8	8927.3	13751.8	17062.2
67.5°	8759.0	9242.1	9578.5	8449.7	5356.3	4602.0	4477.2	5345.5	6186.6	9019.5	10273.1
70°	4938.5	5166.4	5318.4	4873.4	3408.1	2387.8	2246.7	2453.0	3739.1	5839.4	6089.0
72.5°	1904.9	2007.9	2214.2	2230.5	1286.2	770.6	624.1	748.9	1573.8	2311.9	2203.4
75°	293.1	314.8	445.0	531.8	369.0	282.2	298.5	309.4	439.6	597.0	499.2
77.5°	141.1	141.1	135.7	157.4	184.6	200.8	217.0	238.8	260.5	287.6	276.8
80°	92.2	92.2	92.2	108.5	135.7	162.8	184.6	195.4	206.2	227.9	217.0
82.5°	59.7	59.7	59.7	81.4	108.5	135.7	146.5	173.7	195.4	227.9	211.6
85°	32.6	32.6	32.6	54.3	81.4	113.9	108.5	86.8	48.9	5.4	10.9
87.5°	10.9	10.9	10.9	10.9	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°	16579.2	16579.2	16579.2	16579.2	16579.2	16579.2	16579.2	16579.2	16579.2	16579.2	16579.2
2.5°	17062.2	16812.6	16790.9	16280.8	15824.9	15602.4	15423.3	14924.0	15032.5	14744.9	14739.5
5°	16237.3	15727.2	14902.3	14223.9	13545.6	13409.9	12818.3	12302.8	12319.1	11950.1	12015.2
7.5°	14755.8	14403.1	13399.0	12335.4	11434.5	10794.1	10235.1	9898.7	9470.0	9323.4	9247.5
10°	13816.9	13382.7	12254.0	10918.9	9909.6	9567.6	9030.3	8731.9	8292.3	8075.2	7923.3
12.5°	13404.5	12769.5	11358.5	10001.8	9328.8	8976.1	8520.2	7977.5	7456.6	7255.7	6979.0
15°	13447.9	12688.1	11098.0	9632.8	8824.2	8140.4	7733.4	7130.9	6599.1	6246.4	6045.5
17.5°	14104.6	13182.0	11217.4	9350.6	8189.2	7331.8	6534.0	5882.8	5459.5	5193.6	5128.4
20°	15656.6	14403.1	11418.3	8894.7	7554.2	6485.1	5502.9	4824.5	4498.9	4493.5	4498.9
22.5°	16948.3	15705.5	11825.3	8623.3	6919.3	5399.8	4422.9	4205.9	4140.7	4276.4	4292.7
25°	18690.3	17170.7	12525.3	8482.2	6333.2	4602.0	3999.6	3918.2	3912.8	4086.5	4091.9
27.5°	20475.8	18451.5	12943.1	8069.8	5736.3	4189.6	3744.5	3728.3	3815.1	3999.6	3983.4
30°	21691.4	19526.0	13697.5	7576.0	5030.8	3826.0	3641.4	3663.2	3782.5	3923.7	3945.4
32.5°	23107.7	20584.3	13892.8	7304.6	4596.6	3522.1	3391.8	3440.7	3592.6	3815.1	3934.5
35°	24730.4	21333.1	14191.3	6935.6	4433.8	3288.7	3223.6	3277.9	3462.3	3608.9	3739.1
37.5°	25929.7	22657.4	14245.7	6648.0	4254.7	3158.5	3055.3	3234.4	3342.9	3549.2	3614.3
40°	26819.8	23617.9	14386.8	6468.9	4113.6	2990.2	2990.2	3109.6	3256.2	3446.1	3576.4
42.5°	27389.6	24317.9	14489.9	6306.0	3842.3	2941.4	2914.2	3033.7	3229.0	3413.5	3473.2
44°	27736.9	24616.4	14386.8	6154.1	3766.3	2881.7	2881.7	2984.8	3136.8	3353.8	3424.4
45°	27823.7	24990.9	14158.8	6148.7	3674.0	2811.1	2800.3	2995.7	3098.8	3364.7	3408.1
47.5°	28160.2	25452.2	14185.9	5975.0	3451.5	2642.9	2832.8	2919.7	3012.0	3245.3	3391.8
50°	28149.4	25739.8	14126.3	5720.0	3288.7	2453.0	2767.7	2865.4	2957.7	3196.4	3256.2
52.5°	28225.3	26814.4	14674.4	5313.0	2995.7	2208.8	2550.6	2767.7	2881.7	3082.5	3207.3
55°	28187.4	27427.6	15217.1	5009.0	2583.2	2062.2	2366.1	2621.2	2784.0	2995.7	3055.3
57.5°	25745.3	24242.0	14082.8	4439.2	2138.2	1888.6	2105.6	2469.3	2675.4	2892.6	2968.5
60°	21034.7	18684.8	11613.6	3267.0	1758.3	1736.6	1959.1	2420.4	2507.2	2697.2	2827.4
62.5°	19439.1	16389.3	9209.5	2496.4	1503.3	1590.1	1807.2	2187.1	2322.7	2556.1	2675.4
65°	15211.7	10886.4	5703.7	1687.8	1324.1	1427.3	1633.5	1915.7	2138.2	2355.3	2496.4
67.5°	9008.6	5947.9	2822.0	1183.0	1155.9	1264.5	1476.1	1687.8	1942.9	2181.6	2252.1
70°	4905.9	2925.1	1204.8	900.8	982.3	1080.0	1286.2	1432.7	1677.0	1861.4	1980.8
72.5°	1573.8	890.0	602.4	667.5	748.9	862.9	987.7	1166.7	1340.4	1449.0	1546.7
75°	379.9	374.4	428.7	466.7	542.7	629.5	732.7	824.9	960.6	1063.7	1150.5
77.5°	265.9	287.6	331.1	385.3	412.4	445.0	510.1	580.7	640.3	716.4	770.6
80°	206.2	222.5	255.1	282.2	309.4	336.5	369.0	396.2	434.2	483.0	510.1
82.5°	195.4	206.2	238.8	255.1	244.2	238.8	260.5	271.3	276.8	293.1	309.4
85°	16.3	0.0	10.9	38.0	92.2	135.7	146.5	146.5	141.1	152.0	152.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	21.7	16.3
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°	16579.2	16579.2	16579.2	16579.2	16579.2	16579.2	16579.2	16579.2	16579.2	16579.2	16579.2
2.5°	14674.4	14489.9	14560.4	14647.2	14522.4	14234.8	14310.7	14278.2	14571.2	14549.5	14842.6
5°	12302.8	12015.2	12047.7	12471.0	12335.4	12481.9	12188.8	12150.8	12205.1	12232.3	12281.1
7.5°	9415.7	9377.7	9703.3	10061.5	10229.7	10056.1	9768.5	9703.3	9643.6	9524.3	9795.6
10°	7684.5	7695.3	7673.6	7945.0	8134.9	8096.9	7923.3	7901.6	7787.6	7744.2	7896.2
12.5°	6859.6	6713.1	6642.5	6555.7	6702.2	6799.9	6723.9	6669.7	6675.1	6729.3	6751.1
15°	6061.8	5969.6	5817.6	5720.0	5790.5	5741.7	5714.6	5823.1	5795.9	5785.1	5915.3
17.5°	5166.4	5242.4	5231.5	5123.0	5215.2	5177.3	5171.9	5095.8	4992.7	4916.8	4960.2
20°	4574.9	4716.0	4824.5	4829.9	4878.8	4873.4	4792.0	4558.6	4482.6	4466.3	4477.2
22.5°	4363.3	4439.2	4569.4	4754.0	4754.0	4667.1	4569.4	4298.1	4227.6	4151.6	4119.0
25°	4195.0	4341.5	4509.8	4531.5	4618.3	4536.9	4379.6	4243.9	4097.3	3994.2	3994.2
27.5°	4108.2	4271.0	4395.8	4433.8	4553.1	4488.1	4325.2	4151.6	3978.0	3972.5	3880.2
30°	4070.2	4222.2	4303.5	4395.8	4450.1	4347.0	4298.1	4113.6	3939.9	3896.5	3744.5
32.5°	3956.2	4173.3	4325.2	4303.5	4347.0	4303.5	4233.0	4081.1	3885.6	3788.0	3771.7
35°	3826.0	4043.0	4205.9	4319.8	4347.0	4254.7	4211.3	4005.0	3739.1	3690.3	3522.1
37.5°	3755.4	3885.6	4086.5	4271.0	4308.9	4260.1	4113.6	3901.9	3636.0	3581.8	3435.3
40°	3668.6	3836.9	3994.2	4146.1	4260.1	4140.7	3972.5	3766.3	3646.9	3484.0	3440.7
42.5°	3603.4	3793.4	3923.7	4091.9	4222.2	4064.8	3869.4	3728.3	3560.1	3451.5	3326.7
44°	3581.8	3755.4	3842.3	4048.5	4157.0	4037.6	3874.8	3728.3	3532.9	3435.3	3326.7
45°	3505.8	3744.5	3836.9	4021.3	4113.6	4015.9	3809.7	3663.2	3522.1	3402.7	3288.7
47.5°	3429.8	3592.6	3750.0	3896.5	3961.7	3929.1	3755.4	3576.4	3408.1	3337.5	3229.0
50°	3408.1	3570.9	3717.4	3853.1	3929.1	3863.9	3706.6	3532.9	3337.5	3223.6	3131.3
52.5°	3299.6	3500.3	3663.2	3706.6	3804.3	3766.3	3646.9	3456.9	3272.4	3174.8	3098.8
55°	3142.2	3353.8	3576.4	3630.6	3771.7	3712.0	3532.9	3353.8	3196.4	3049.9	2952.2
57.5°	3082.5	3288.7	3505.8	3576.4	3663.2	3565.5	3522.1	3332.1	3082.5	3006.5	2854.6
60°	2930.5	3191.0	3370.1	3532.9	3538.4	3511.2	3435.3	3218.1	3012.0	2870.9	2762.3
62.5°	2811.1	3055.3	3196.4	3348.4	3440.7	3364.7	3288.7	3087.9	2865.4	2708.0	2583.2
65°	2637.5	2860.0	2979.4	3071.6	3174.8	3163.9	3033.7	2887.1	2653.7	2528.9	2409.5
67.5°	2371.6	2566.9	2729.8	2816.5	2881.7	2865.4	2767.7	2664.6	2425.8	2301.0	2214.2
70°	2051.4	2252.1	2355.3	2404.1	2469.3	2501.8	2425.8	2377.0	2165.3	2002.5	1921.1
72.5°	1649.8	1780.0	1932.0	1975.4	2002.5	2024.2	2024.2	1980.8	1763.7	1698.6	1557.5
75°	1215.6	1318.7	1432.7	1432.7	1481.5	1487.0	1497.8	1470.7	1307.9	1221.1	1188.5
77.5°	824.9	900.8	993.2	1031.1	1063.7	1058.2	1052.8	976.9	890.0	852.1	819.5
80°	537.3	613.2	656.6	705.5	738.1	732.7	743.5	689.2	651.2	586.1	597.0
82.5°	320.2	379.9	423.3	483.0	483.0	499.2	499.2	483.0	445.0	412.4	412.4
85°	152.0	200.8	227.9	265.9	287.6	293.1	260.5	222.5	184.6	168.3	184.6
87.5°	27.2	38.0	54.3	48.9	59.7	54.3	54.3	54.3	54.3	43.4	48.9
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: P647170

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**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	16579.2	16579.2	16579.2	16579.2	16579.2	16579.2	16579.2	16579.2	16579.2	16579.2
2.5°	14734.0	15005.4	15195.4	15510.1	16052.8	16486.9	16932.0	17263.0	17301.0	17398.7
5°	12460.2	12606.7	13089.7	13719.3	14164.2	14896.9	15369.0	16226.4	16546.7	16888.5
7.5°	9730.4	9969.2	10615.1	11038.3	12015.2	12932.3	13882.0	14940.3	15363.6	15412.4
10°	8205.4	8552.8	8992.4	9670.8	10202.6	11222.8	12405.9	13583.6	14055.7	14137.1
12.5°	7207.0	7651.9	8238.0	8726.5	9236.6	10126.6	11260.9	12715.2	13328.5	13697.5
15°	6246.4	6707.6	7353.5	8031.9	8482.2	9545.9	10881.0	12519.9	13317.7	13643.2
17.5°	5258.7	5687.4	6219.2	6951.9	7858.2	9052.1	10821.3	13171.1	14044.8	14424.7
20°	4412.0	4650.9	5269.5	6023.9	7158.1	8547.4	10843.0	14131.7	15412.4	15580.7
22.5°	4081.1	4135.3	4379.6	5074.2	6316.9	8031.9	11228.3	15493.8	16948.3	17501.8
25°	3826.0	3815.1	3880.2	4347.0	5703.7	7831.0	11608.1	16747.4	18652.3	19254.7
27.5°	3684.9	3576.4	3581.8	4021.3	5269.5	7505.4	12096.6	18185.6	20584.3	20850.2
30°	3614.3	3592.6	3527.5	3706.6	4797.4	7017.0	12178.0	19602.0	21723.9	22109.3
32.5°	3570.9	3359.2	3277.9	3342.9	4352.4	6485.1	12481.9	20535.4	23134.9	22966.6
35°	3353.8	3163.9	3109.6	3174.8	4037.6	6186.6	12281.1	21349.4	24193.1	24475.3
37.5°	3272.4	3104.2	2995.7	2941.4	3744.5	5937.0	12178.0	22603.1	25218.9	25897.2
40°	3196.4	3017.4	2887.1	2832.8	3516.6	5606.0	12145.4	23569.1	26401.9	26808.9
42.5°	3109.6	2995.7	2849.1	2751.5	3239.9	5275.0	11771.0	23867.6	26765.5	27205.1
44°	3082.5	2908.8	2756.9	2724.3	3131.3	5106.7	11695.0	24138.9	27080.3	27747.8
45°	3055.3	2892.6	2718.9	2675.4	3093.3	5014.5	11591.8	24204.0	27601.2	27726.1
47.5°	2979.4	2876.3	2708.0	2588.6	3012.0	4813.6	11282.6	23835.0	27069.4	27091.1
50°	2919.7	2800.3	2626.7	2393.2	2903.4	4645.5	11423.7	23699.3	25788.7	25837.5
52.5°	2854.6	2675.4	2577.8	2176.2	2724.3	4504.4	11722.1	24312.5	25935.2	25924.3
55°	2778.6	2583.2	2344.5	1991.6	2425.8	4325.2	12443.9	25522.7	27291.9	27476.4
57.5°	2659.1	2491.0	2149.0	1828.9	2084.0	3983.4	12210.6	23205.5	25110.3	25142.8
60°	2501.8	2344.5	1948.3	1704.0	1709.4	3142.2	10918.9	18082.4	19813.7	20285.8
62.5°	2349.9	2263.0	1780.0	1525.0	1454.4	2501.8	9231.2	15027.1	17007.9	17398.7
65°	2170.8	1959.1	1633.5	1389.3	1248.2	1752.9	6539.5	11228.3	13268.8	13795.2
67.5°	1942.9	1714.9	1438.1	1221.1	1069.1	1172.2	3375.5	6382.1	8449.7	8759.0
70°	1698.6	1487.0	1210.2	1031.1	862.9	808.6	1487.0	3044.5	4618.3	4938.5
72.5°	1394.7	1199.3	966.0	814.0	645.8	559.0	499.2	814.0	1638.9	1904.9
75°	1009.4	873.7	727.2	580.7	455.9	358.1	293.1	244.2	271.3	293.1
77.5°	743.5	634.9	537.3	412.4	320.2	255.1	200.8	152.0	146.5	141.1
80°	580.7	515.5	428.7	331.1	249.6	190.0	141.1	103.1	92.2	92.2
82.5°	455.9	423.3	352.7	271.3	206.2	152.0	103.1	70.5	59.7	59.7
85°	173.7	173.7	255.1	222.5	157.4	108.5	70.5	38.0	32.6	32.6
87.5°	43.4	43.4	43.4	43.4	38.0	32.6	32.6	16.3	10.9	10.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)