

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: P651629

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

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P651629  
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-SA9D-840-U-SLR-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(9) 80 CRI, 4000K, 1200mA 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: 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 III - Short  
BUG Rating: B4 - U0 - G4

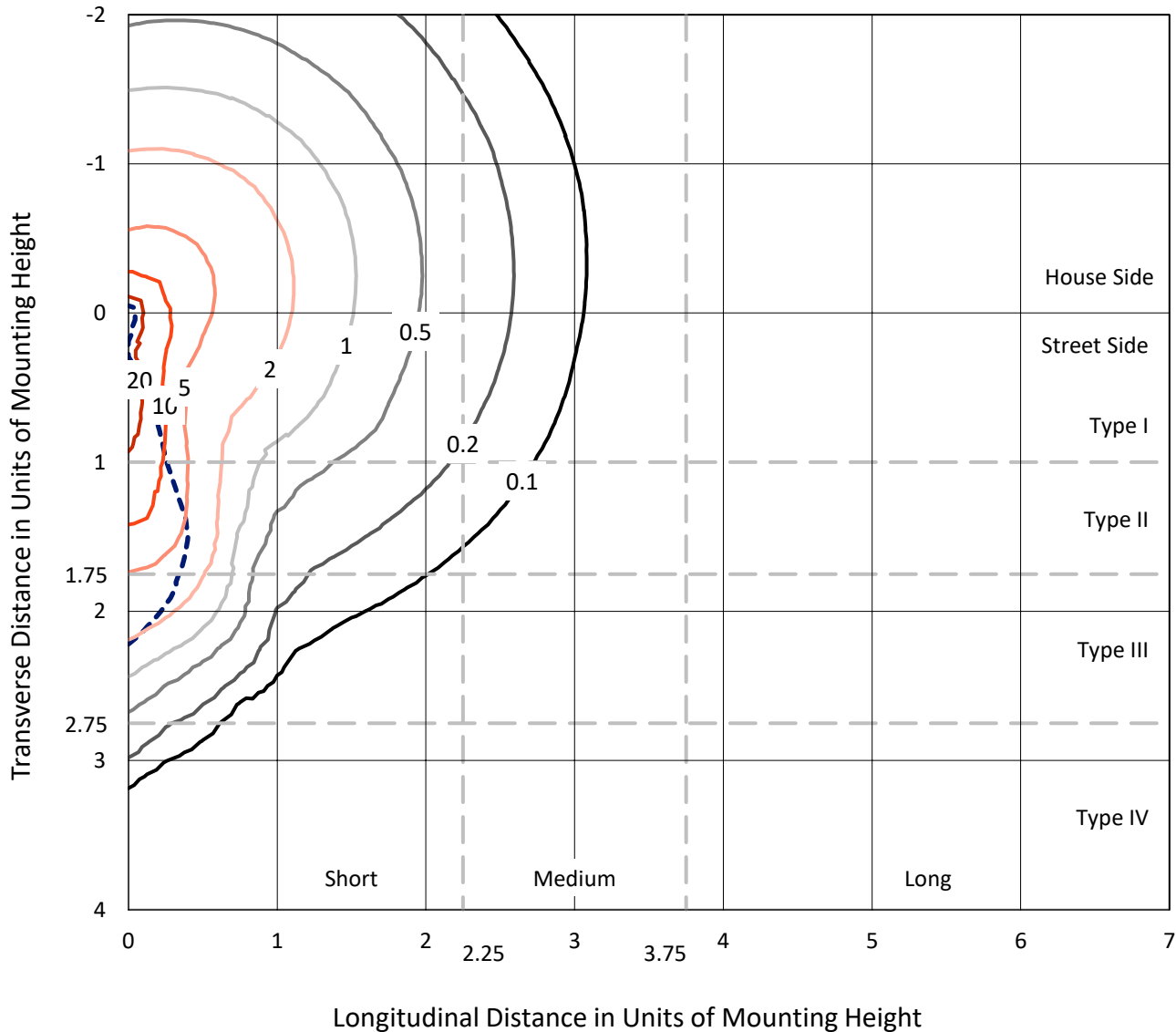
Input Watts (W): 552  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

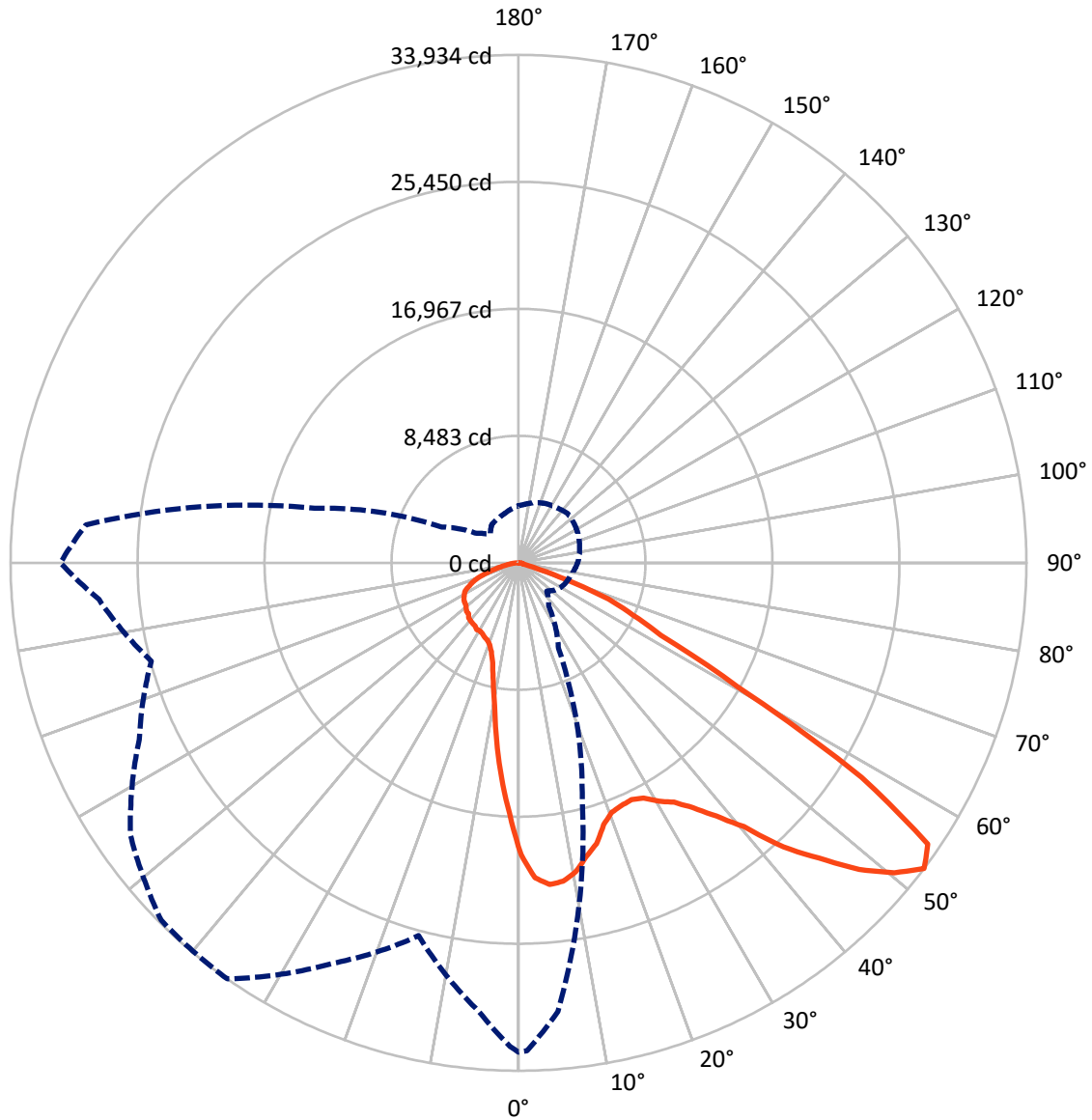
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 31.2 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



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

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	13241.7	0.0	13241.7
	% Fixture	30.1	0.0	30.1
<b>Street Side</b>	Lumens	30683.8	0.0	30683.8
	% Fixture	69.9	0.0	69.9
<b>Total</b>	Lumens	43925.4	0.0	43925.4
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1487.3	3.4
10°-20°	3224.1	7.3
20°-30°	4871.4	11.1
30°-40°	7039.4	16.0
40°-50°	9368.2	21.3
50°-60°	10478.5	23.9
60°-70°	5905.6	13.4
70°-80°	1316.5	3.0
80°-90°	234.4	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**



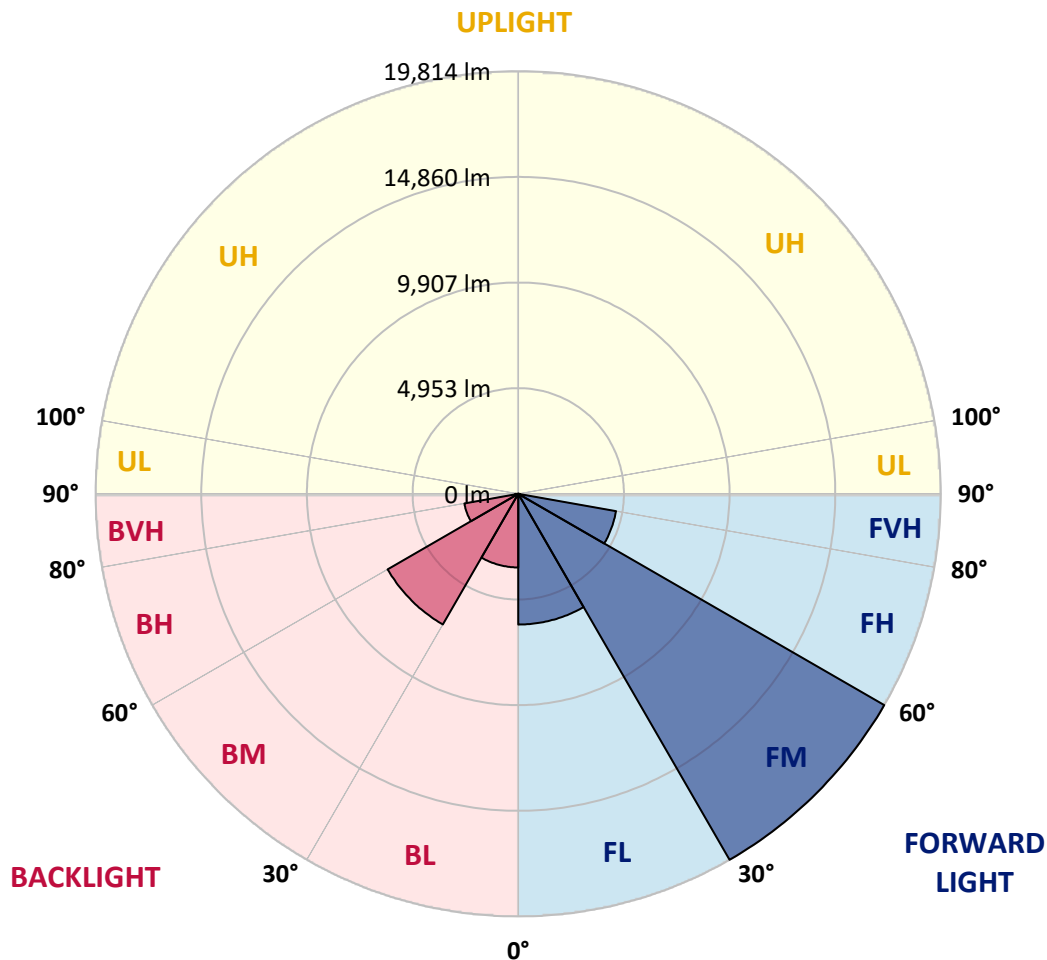
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	6129.7	14.0			
FM (30°-60°)	19813.7	45.1			
FH (60°-80°)	4655.4	10.6			G2/5000
FVH (80°-90°)	84.9	0.2			G1/100
BL (0°-30°)	3453.1	7.9	B4/5000		
BM (30°-60°)	7072.4	16.1	B4/8500		
BH (60°-80°)	2566.7	5.8	B4/5000		G4/5000
BVH (80°-90°)	149.5	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 III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	19494.4	19494.4	19494.4	19494.4	19494.4	19494.4	19494.4	19494.4	19494.4	19494.4	19494.4
2.5°	19819.1	20137.4	19793.6	19182.5	18749.5	18354.7	17941.0	17858.2	17317.0	17221.5	16826.8
5°	18692.2	18622.2	18201.9	17399.8	16514.8	15712.7	15120.6	14547.5	14159.2	13707.2	13675.3
7.5°	17323.4	16916.0	16674.0	15458.0	14362.9	13102.4	12561.2	11689.0	11415.2	11007.8	10797.7
10°	16101.0	15801.8	15235.1	14019.1	12491.2	11657.2	11077.8	10606.7	10288.4	9868.1	9339.7
12.5°	15496.2	15375.2	14738.5	12854.1	11720.8	10829.5	10422.0	9963.7	9422.5	8747.7	8486.6
15°	15604.4	15197.0	14713.1	12631.2	11065.0	10205.6	9556.2	8983.2	8289.2	7646.2	7270.6
17.5°	16413.0	16101.0	15133.3	12771.3	10816.8	9575.3	8397.5	7550.8	6926.8	6347.4	6086.4
20°	18004.6	17552.6	16463.9	12949.5	10282.0	8696.7	7347.0	6302.9	5634.4	5328.8	5239.7
22.5°	19768.1	19500.8	17762.7	13350.6	9855.4	7881.8	6232.8	5188.7	4940.5	4857.7	5023.2
25°	21913.7	21219.7	19780.9	14006.4	9524.3	7187.9	5290.6	4711.3	4584.0	4666.7	4857.7
27.5°	23543.5	23358.9	21194.2	14624.0	9072.4	6353.8	4762.2	4380.2	4418.4	4501.1	4679.4
30°	25478.9	24543.1	22563.0	15050.5	8664.9	5780.9	4392.9	4291.0	4329.2	4469.3	4558.5
32.5°	26644.0	26293.9	23422.5	15693.6	8193.8	5284.3	4106.4	4010.9	4068.3	4278.3	4488.4
35°	28127.4	27433.5	24485.7	15859.1	7862.7	5086.9	3902.7	3832.7	3966.3	4112.8	4348.4
37.5°	29859.1	29381.6	25956.5	15744.4	7684.4	4883.2	3730.8	3699.0	3794.4	3998.2	4271.9
40°	30884.1	30737.7	26726.8	15814.5	7404.3	4704.9	3533.5	3571.6	3769.0	3928.1	4195.6
42.5°	31871.0	30916.0	27866.4	15789.0	7226.0	4462.9	3552.6	3508.0	3660.8	3845.4	4100.0
45°	32087.4	31138.8	28133.8	15610.8	7009.6	4227.4	3406.1	3425.2	3609.8	3839.0	4004.6
47.5°	31947.3	31247.0	28630.4	15559.8	6805.9	4061.9	3189.7	3418.8	3527.1	3711.7	3947.2
50°	31851.9	31813.7	29050.6	15801.8	6532.0	3800.8	2928.6	3336.1	3444.3	3628.9	3883.6
52.5°	32692.2	32609.4	30101.1	16438.4	6315.7	3520.7	2661.2	3126.0	3387.0	3565.3	3813.6
55°	33201.6	32838.7	31902.7	17221.5	5952.8	3151.5	2476.6	2865.0	3246.9	3406.1	3660.8
57.5°	29865.5	29617.2	28859.6	16075.5	5341.5	2667.6	2247.4	2597.5	3055.9	3304.2	3565.3
60°	24848.6	24460.3	22518.4	13662.6	3940.9	2075.5	2107.3	2387.4	3005.0	3100.5	3406.1
62.5°	23428.9	22467.6	19825.4	10995.1	3024.2	1782.7	1890.9	2196.4	2737.6	2896.7	3202.4
65°	18590.3	17877.3	14184.6	7939.1	2024.5	1547.1	1725.3	1980.0	2361.9	2674.0	2954.1
67.5°	11638.1	10956.8	7569.8	3756.2	1413.4	1324.2	1540.7	1808.1	2120.1	2400.2	2712.1
70°	6080.1	5335.1	3495.2	1356.1	974.0	1082.3	1286.1	1540.7	1846.3	2075.5	2317.5
72.5°	2266.5	1839.9	1139.6	585.8	674.8	827.6	1044.1	1228.8	1445.2	1725.3	1859.0
75°	350.2	299.2	292.8	356.5	458.4	598.5	744.9	929.6	1120.5	1298.8	1387.9
77.5°	165.5	159.2	178.3	235.6	305.6	426.6	541.2	719.4	872.2	986.8	1037.7
80°	108.2	101.8	114.6	159.2	229.2	318.3	432.9	553.9	694.0	789.4	776.7
82.5°	63.7	70.1	70.1	108.2	159.2	229.2	311.9	420.2	515.7	598.5	547.5
85°	38.2	31.9	31.9	63.7	108.2	184.6	261.0	178.3	184.6	184.6	210.1
87.5°	12.7	12.7	12.7	6.4	12.7	12.7	19.1	31.9	38.2	44.6	57.3
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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	19494.4	19494.4	19494.4	19494.4	19494.4	19494.4	19494.4	19494.4	19494.4	19494.4	19494.4
2.5°	16814.0	17011.4	16941.4	16693.1	16884.1	16916.0	16788.6	17227.9	17310.6	17176.9	17215.2
5°	13630.8	13681.7	13796.4	14038.2	14210.1	14413.9	14413.9	14426.6	14254.7	14687.6	14560.3
7.5°	10619.4	10651.3	10784.9	11300.6	11447.0	11835.4	12001.0	11886.4	11542.6	11396.1	11517.1
10°	9167.8	8983.2	8938.7	9002.3	9333.3	9498.9	9639.0	9600.8	9543.5	9428.9	9301.5
12.5°	8200.1	8066.5	7958.2	7805.4	7824.5	7983.6	8091.8	8002.8	8028.2	8053.7	8091.8
15°	7149.7	7054.1	6996.9	6767.6	6742.2	6850.4	6888.6	6939.5	7035.0	7041.4	6996.9
17.5°	6035.5	5952.8	6080.1	6207.4	6118.3	6124.6	6194.6	6239.2	6213.7	6099.2	6041.8
20°	5271.5	5360.6	5487.9	5609.0	5704.4	5761.7	5787.2	5717.2	5634.4	5398.8	5392.5
22.5°	5048.7	5163.2	5271.5	5456.2	5545.3	5691.7	5558.0	5398.8	5284.3	5169.6	5035.9
25°	4883.2	4978.6	5195.1	5265.2	5437.1	5558.0	5462.5	5303.3	5106.0	4940.5	4838.6
27.5°	4762.2	4870.4	5010.5	5201.5	5335.1	5405.2	5309.7	5246.1	5042.3	4844.9	4698.5
30°	4685.8	4800.3	5055.0	5214.2	5328.8	5386.1	5220.6	5144.1	4997.7	4832.2	4704.9
32.5°	4634.8	4736.7	4953.2	5156.9	5233.3	5233.3	5258.8	5169.6	4965.9	4685.8	4577.6
35°	4469.3	4609.4	4787.6	5023.2	5163.2	5246.1	5118.7	5016.8	4883.2	4596.7	4399.3
37.5°	4373.8	4469.3	4698.5	4921.4	5042.3	5131.4	5080.5	4902.3	4724.0	4488.4	4329.2
40°	4271.9	4424.8	4628.4	4838.6	4972.2	5061.4	5023.2	4813.1	4596.7	4373.8	4265.6
42.5°	4201.9	4303.8	4513.9	4749.5	4908.6	5080.5	4965.9	4704.9	4552.1	4246.5	4125.5
45°	4144.6	4310.1	4533.0	4628.4	4794.0	4972.2	4768.6	4609.4	4431.1	4208.3	4106.4
47.5°	4074.6	4227.4	4373.8	4628.4	4704.9	4787.6	4749.5	4494.8	4342.0	4100.0	4030.0
50°	4049.2	4106.4	4373.8	4513.9	4622.1	4704.9	4603.0	4412.1	4265.6	4017.3	3864.5
52.5°	3947.2	4055.5	4227.4	4412.1	4545.7	4647.6	4482.0	4361.1	4163.7	3902.7	3807.2
55°	3819.9	3883.6	4189.2	4380.2	4450.2	4520.3	4456.5	4259.2	4055.5	3788.1	3692.6
57.5°	3654.4	3800.8	4049.2	4316.5	4405.7	4443.8	4342.0	4182.8	3928.1	3692.6	3539.8
60°	3482.5	3635.3	3909.1	4125.5	4214.7	4354.7	4201.9	4106.4	3813.6	3552.6	3387.0
62.5°	3310.6	3482.5	3686.3	3960.0	4036.4	4093.7	4055.5	3921.8	3686.3	3393.4	3189.7
65°	3106.9	3234.2	3488.9	3628.9	3679.9	3813.6	3679.9	3628.9	3418.8	3138.7	2966.8
67.5°	2801.3	2909.5	3132.3	3266.0	3304.2	3361.6	3355.2	3297.9	3062.3	2871.3	2718.5
70°	2451.1	2546.6	2686.7	2845.9	2865.0	2935.0	2871.3	2858.6	2705.7	2444.8	2361.9
72.5°	1967.3	2056.4	2241.0	2311.1	2317.5	2342.9	2311.1	2266.5	2228.3	1954.6	1871.7
75°	1508.8	1559.8	1648.9	1712.6	1712.6	1744.4	1725.3	1680.7	1578.9	1407.0	1324.2
77.5°	1050.5	1101.4	1216.0	1254.2	1247.9	1260.6	1203.3	1158.7	1005.9	916.8	846.7
80°	764.0	795.8	853.1	878.6	885.0	904.1	834.0	795.8	706.7	604.8	573.0
82.5°	553.9	573.0	579.4	611.2	611.2	579.4	560.3	522.1	458.4	394.8	369.3
85°	229.2	235.6	242.0	280.1	286.5	343.8	318.3	299.2	261.0	222.9	203.7
87.5°	57.3	63.7	82.8	70.1	82.8	82.8	89.1	101.8	101.8	82.8	82.8
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°	19494.4	19494.4	19494.4	19494.4	19494.4	19494.4	19494.4	19494.4	19494.4	19494.4	19494.4
2.5°	17361.6	17412.5	18061.9	18144.7	18463.0	18787.7	19443.4	19914.5	20296.5	20544.9	20614.9
5°	14694.0	15018.7	15317.9	15801.8	16241.1	16865.0	17584.4	18475.8	19596.2	20169.2	20398.5
7.5°	11504.4	11886.4	12319.3	12790.4	13433.5	14553.9	15515.3	16546.7	17979.2	18571.2	19468.9
10°	9390.7	9817.2	10390.2	10753.1	11529.9	12599.4	13719.9	14910.4	16279.2	17132.3	18170.1
12.5°	8302.0	8652.1	9180.5	9944.6	10523.9	11217.8	12051.9	13554.4	15515.3	16323.8	17036.9
15°	7098.7	7487.1	8098.2	8945.0	9639.0	10466.6	11402.5	13038.7	15126.9	16374.8	16979.6
17.5°	6105.5	6385.6	7028.7	7760.8	8556.7	9460.7	10804.1	13013.2	15534.4	17132.3	18119.2
20°	5418.0	5456.2	5806.3	6430.2	7512.6	8690.3	10434.8	12885.9	16839.5	18437.5	19685.4
22.5°	4985.0	4946.8	4953.2	5481.6	6239.2	7932.7	9855.4	13318.8	18323.0	20513.0	21353.4
25°	4768.6	4666.7	4603.0	4717.6	5405.2	7035.0	9416.1	13891.8	19920.9	22225.6	23257.0
27.5°	4653.9	4475.7	4348.4	4367.5	4870.4	6583.0	9142.3	14140.1	21506.2	24613.0	24975.9
30°	4609.4	4386.6	4201.9	4138.2	4469.3	5952.8	8556.7	14566.6	22925.9	25924.6	26236.6
32.5°	4450.2	4176.5	3998.2	3940.9	4074.6	5398.8	8136.4	14872.2	24180.2	27350.7	27242.4
35°	4265.6	4036.4	3813.6	3705.4	3800.8	5042.3	7799.0	14725.8	25657.2	28458.5	28401.2
37.5°	4246.5	3947.2	3762.6	3584.3	3578.0	4603.0	7340.7	14865.9	26599.5	30444.9	29661.7
40°	4081.0	3890.0	3648.0	3501.6	3418.8	4380.2	6894.9	14534.8	27981.0	31247.0	30476.7
42.5°	4087.3	3800.8	3590.7	3418.8	3336.1	4055.5	6589.4	14445.7	28464.8	32552.2	30858.6
45°	3985.5	3705.4	3527.1	3323.4	3278.8	3807.2	6296.5	14031.9	29317.9	32615.8	30381.2
47.5°	3883.6	3635.3	3444.3	3202.4	3100.5	3718.1	6067.3	13688.1	28872.3	32017.4	29719.1
50°	3813.6	3527.1	3348.8	3176.9	2890.4	3565.3	5768.1	13605.3	28248.3	31208.8	28490.3
52.5°	3692.6	3437.9	3253.3	3119.6	2661.2	3425.2	5653.5	14089.2	29012.4	30604.0	28133.8
55°	3578.0	3317.0	3081.4	2820.4	2470.2	3055.9	5335.1	14541.2	30126.6	31998.3	29750.9
57.5°	3457.0	3208.8	2954.1	2642.1	2285.6	2674.0	5004.1	14624.0	28038.3	29572.6	28242.0
60°	3297.9	2979.6	2788.6	2381.1	2088.2	2215.5	3966.3	12892.3	21748.2	24695.9	24740.5
62.5°	3119.6	2775.8	2610.3	2132.8	1884.5	1910.0	3234.2	10835.9	17641.7	20443.0	21659.0
65°	2884.0	2553.0	2355.6	1973.7	1738.1	1655.3	2368.3	7939.1	13401.6	16584.9	17966.4
67.5°	2578.4	2266.5	2018.2	1719.0	1553.4	1419.8	1617.1	4469.3	7913.6	11135.1	11555.3
70°	2253.8	1986.4	1725.3	1477.0	1292.4	1196.9	1184.2	1980.0	3781.7	5990.9	6818.6
72.5°	1776.3	1585.3	1375.2	1190.5	1069.6	929.6	846.7	821.3	1279.7	2438.4	3367.9
75°	1273.3	1114.2	993.2	872.2	783.1	706.7	643.0	585.8	534.8	611.2	840.4
77.5°	802.1	744.9	649.4	617.5	566.6	547.5	522.1	490.2	452.0	426.6	426.6
80°	541.2	502.9	471.1	464.7	445.6	439.3	445.6	413.9	375.6	343.8	356.5
82.5°	362.9	356.5	350.2	343.8	350.2	356.5	369.3	362.9	331.1	311.9	318.3
85°	216.5	229.2	242.0	254.7	280.1	248.3	203.7	171.9	152.8	140.0	133.7
87.5°	82.8	114.6	101.8	95.5	101.8	95.5	89.1	82.8	70.1	63.7	63.7
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):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	19494.4	19494.4	19494.4	19494.4	19494.4	19494.4	19494.4	19494.4	19494.4	19494.4
2.5°	21079.7	21207.0	21315.2	21289.7	21066.9	20767.7	20646.7	20029.2	19901.8	19819.1
5°	21366.1	22104.7	22263.8	22168.3	21589.0	20856.8	20143.8	19239.7	18711.3	18692.2
7.5°	20837.7	21748.2	22034.6	22251.1	21480.7	20207.5	18985.1	17629.0	17297.9	17323.4
10°	19494.4	20945.9	21652.6	21875.5	20990.5	19889.1	18195.6	16820.4	16113.7	16101.0
12.5°	18749.5	19889.1	20086.4	20398.5	20137.4	19023.3	17737.2	16196.5	15508.9	15496.2
15°	18087.4	18838.7	18895.9	19335.2	19475.3	18724.0	17858.2	16215.6	15661.7	15604.4
17.5°	18666.8	18144.7	17928.2	17985.5	18399.3	18673.1	18558.5	17297.9	16731.3	16413.0
20°	19055.1	17890.0	17234.3	17297.9	17788.2	18787.7	19602.6	18864.1	17966.4	18004.6
22.5°	20092.8	17928.2	16903.2	16833.1	17609.9	19386.1	20780.4	20844.1	19978.2	19768.1
25°	21646.2	18367.5	16801.3	16782.2	17527.1	20029.2	22155.6	23187.0	22302.1	21913.7
27.5°	22894.1	19055.1	17119.6	17183.3	17788.2	20551.3	23327.1	24695.9	24021.0	23543.5
30°	23989.2	19768.1	17565.3	17272.5	18488.5	20825.0	23830.0	26414.8	25873.6	25478.9
32.5°	24441.2	20780.4	18272.0	17788.2	19067.8	21156.0	24874.1	28082.8	27618.1	26644.0
35°	25205.2	21347.0	18654.0	18615.8	20080.1	21951.9	25364.3	29184.3	28993.3	28127.4
37.5°	25816.3	21920.0	20010.1	19589.8	21468.0	23288.8	26153.8	30705.8	30266.6	29859.1
40°	26287.5	22945.1	21277.0	21830.9	23174.3	24504.9	26879.5	30801.4	32068.3	30884.1
42.5°	25854.5	23861.9	23358.9	24683.1	25956.5	25892.8	26962.4	31539.9	32488.5	31871.0
45°	25746.3	25415.3	26650.4	27853.7	28146.5	27045.1	26370.2	30725.0	32361.2	32087.4
47.5°	25485.3	26943.2	29095.2	31056.0	30610.4	27815.5	25663.5	30578.5	32437.5	31947.3
50°	25396.2	27274.3	30903.2	32813.2	32545.8	28483.9	25332.5	29636.3	31896.4	31851.9
52.5°	25389.8	27955.5	31654.5	33768.2	33933.7	29540.8	25784.6	30113.8	32316.6	32692.2
55°	25676.3	27739.0	31559.0	33239.8	33176.1	29069.7	25835.4	30432.1	32832.3	33201.6
57.5°	24218.4	24848.6	26045.5	27376.1	27032.3	24078.3	23072.4	28133.8	30132.9	29865.5
60°	20914.2	18940.5	17590.8	17527.1	16858.6	15935.4	18883.2	25109.7	25109.7	24848.6
62.5°	18316.6	12433.8	10683.1	10186.4	10664.0	11727.2	18214.7	24422.1	23728.1	23428.9
65°	16018.3	9492.5	7722.7	7582.5	8410.3	10014.5	16470.2	20805.9	19583.5	18590.3
67.5°	10307.5	6952.3	5742.6	5494.3	6493.9	7353.4	10963.2	12796.7	12026.4	11638.1
70°	6646.7	4526.6	3196.0	2998.7	3387.0	4533.0	7003.2	7461.6	6341.1	6080.1
72.5°	3145.1	1954.6	1120.5	923.2	1037.7	1731.7	2769.4	2979.6	2476.6	2266.5
75°	999.5	719.4	458.4	394.8	375.6	445.6	636.6	490.2	356.5	350.2
77.5°	445.6	426.6	362.9	305.6	267.4	222.9	184.6	152.8	159.2	165.5
80°	369.3	337.4	299.2	267.4	222.9	171.9	133.7	101.8	101.8	108.2
82.5°	324.7	292.8	261.0	222.9	191.0	140.0	101.8	70.1	63.7	63.7
85°	140.0	165.5	178.3	191.0	152.8	114.6	70.1	44.6	38.2	38.2
87.5°	57.3	51.0	44.6	38.2	31.9	31.9	25.5	19.1	12.7	12.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)