

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: P158150

Luminaire Tested: **VTS-E08-LED-E1-SL2**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P158150  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33712)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: VTS-E08-LED-E1-SL2  
Description: VENTUS LED SITE LUMINAIRE  
(8) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL  
Light Source: (168) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: -

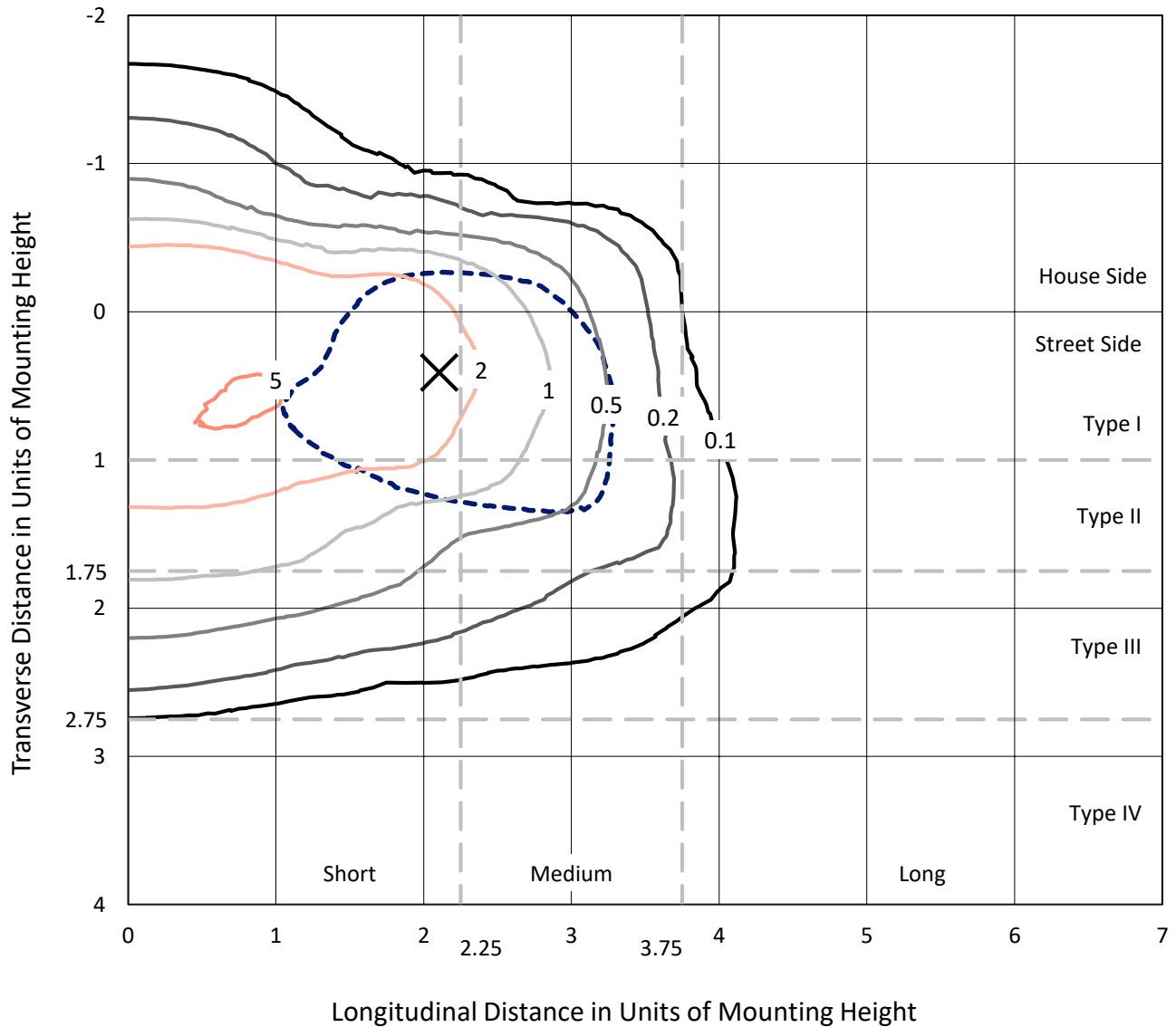
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 24070.1 lumens  
Efficiency: N/A  
Efficacy: 123.8 lumens/watt  
Luminous Opening: Rectangular (W 1.33' x L: 1' x H: 0')  
IES Classification: Type II - Short - Non-Cutoff  
BUG Rating: B3 - U0 - G4  
  
Input Watts (W): 194.5  
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: 25 FT

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### Iso-Footcandle Lines of Horizontal Illumination

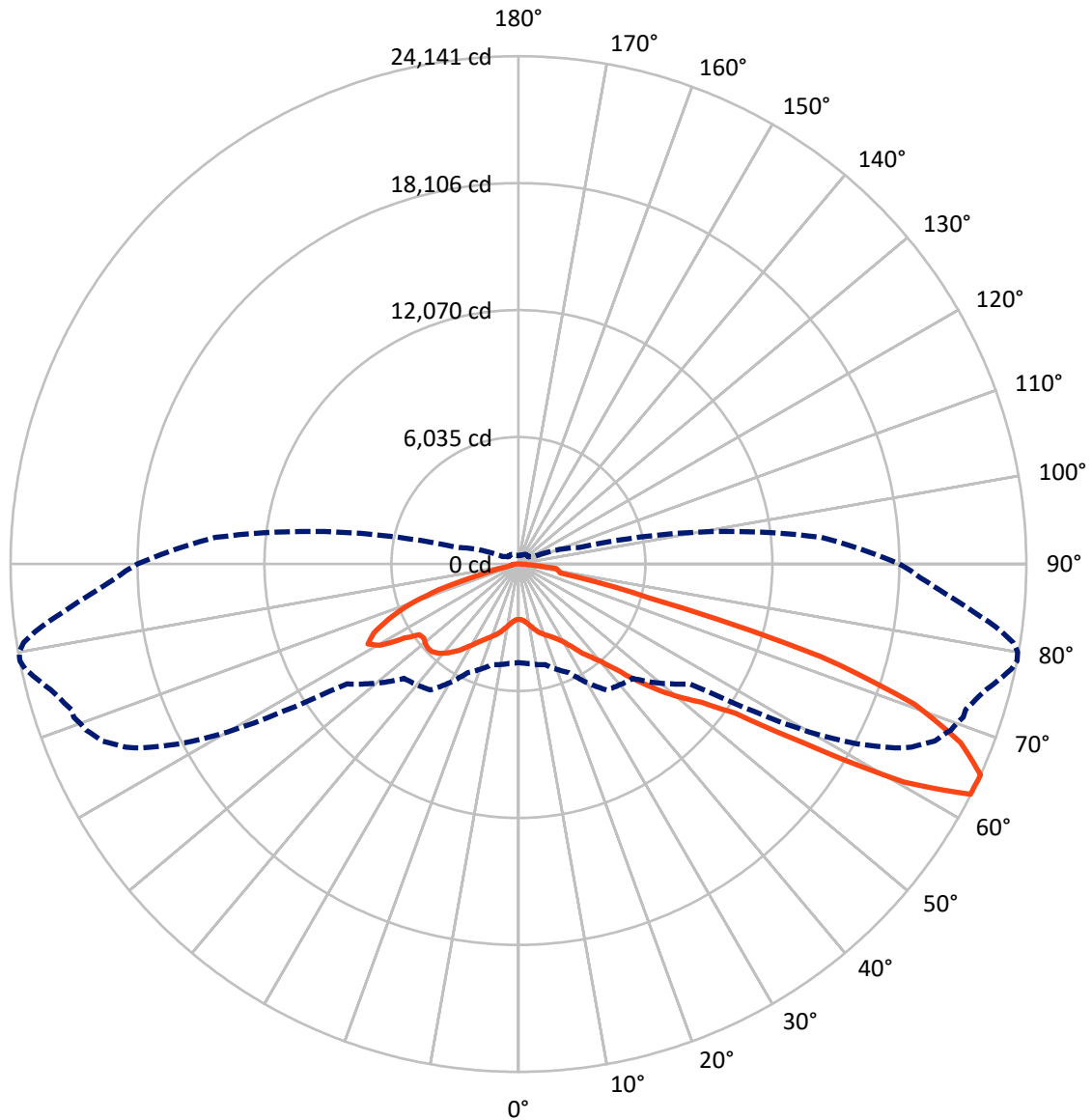
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.4 fc  
 Type II - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 79-Deg Lateral    - - - Horizontal Cone Through 65-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5530.9	0.0	5530.9
	% Fixture	23.0	0.0	23.0
<b>Street Side</b>	Lumens	18539.3	0.0	18539.3
	% Fixture	77.0	0.0	77.0
<b>Total</b>	Lumens	24070.1	0.0	24070.1
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	260.6	1.1
10°-20°	846.2	3.5
20°-30°	1458.9	6.1
30°-40°	2389.6	9.9
40°-50°	4001.7	16.6
50°-60°	5412.9	22.5
60°-70°	6666.0	27.7
70°-80°	2580.4	10.7
80°-90°	453.8	1.9
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°	24070.1	100.0
0°-180°	24070.1	100.0



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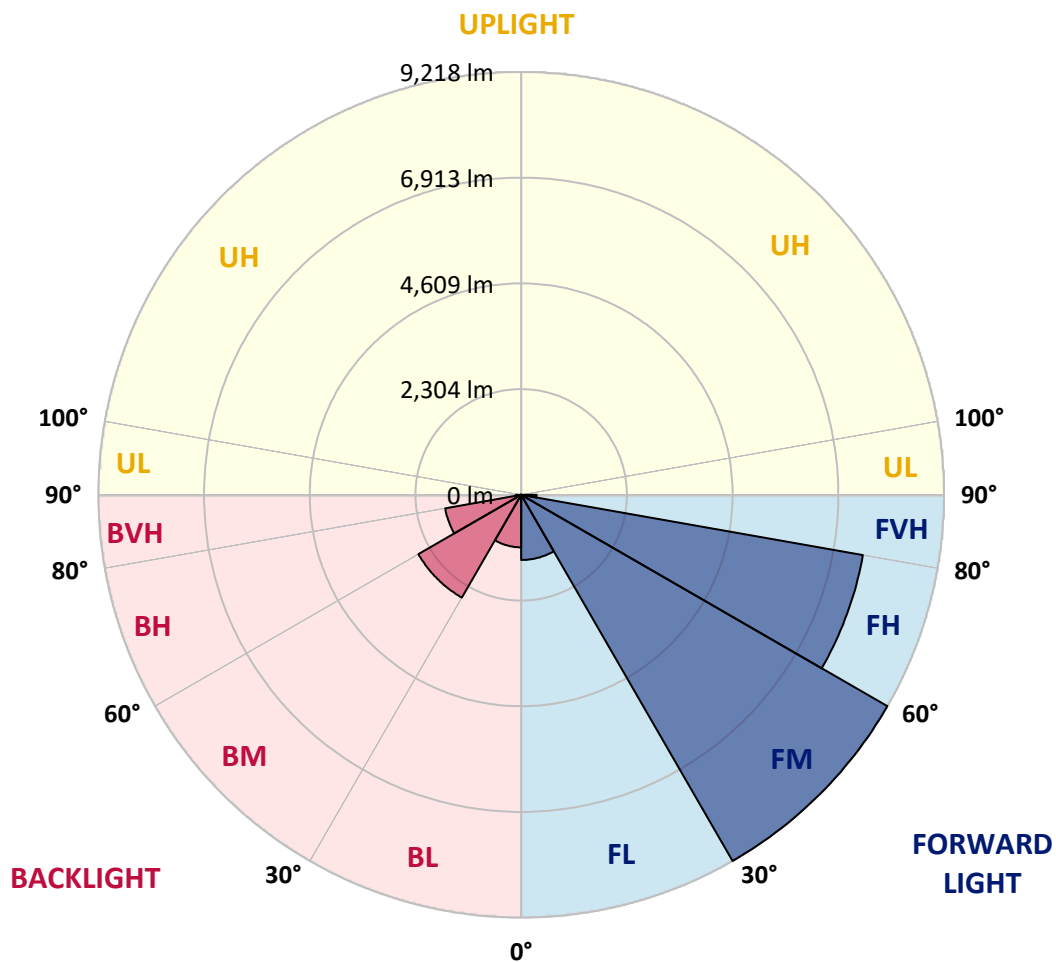
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1421.0	5.9			
FM (30°-60°)	9217.8	38.3			
FH (60°-80°)	7563.7	31.4			G4/12000
FVH (80°-90°)	336.7	1.4			G3/500
BL (0°-30°)	1144.6	4.8	B3/2500		
BM (30°-60°)	2586.5	10.7	B3/5000		
BH (60°-80°)	1682.7	7.0	B3/2500		G3/2500
BVH (80°-90°)	117.1	0.5			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G4**

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	2633.6	2633.6	2633.6	2633.6	2633.6	2633.6	2633.6	2633.6	2633.6	2633.6	2633.6
2.5°	2638.4	2630.4	2638.4	2644.8	2649.6	2656.0	2654.4	2652.8	2651.2	2652.8	2652.8
5°	2660.8	2659.2	2667.2	2673.6	2684.8	2692.8	2702.4	2702.4	2702.4	2700.8	2704.0
7.5°	2732.8	2731.2	2739.2	2745.6	2755.2	2771.2	2784.0	2790.4	2788.8	2788.8	2788.8
10°	2851.2	2844.8	2844.8	2844.8	2857.6	2868.8	2897.6	2900.8	2907.2	2904.0	2905.6
12.5°	2966.4	2968.0	2963.2	2958.4	2960.0	2982.4	3024.0	3032.0	3033.6	3038.4	3041.6
15°	3070.4	3068.8	3057.6	3046.4	3060.8	3099.2	3153.6	3168.0	3168.0	3177.6	3184.0
17.5°	3166.4	3163.2	3142.4	3123.2	3137.6	3203.2	3288.0	3297.6	3312.0	3316.8	3323.2
20°	3280.0	3273.6	3249.6	3198.4	3198.4	3288.0	3400.0	3409.6	3422.4	3425.6	3436.8
22.5°	3438.4	3422.4	3371.2	3278.4	3252.8	3356.8	3494.4	3499.2	3508.8	3521.6	3531.2
25°	3617.6	3620.8	3537.6	3376.0	3320.0	3428.8	3585.6	3593.6	3611.2	3620.8	3632.0
27.5°	3803.2	3808.0	3715.2	3513.6	3419.2	3528.0	3708.8	3718.4	3739.2	3750.4	3768.0
30°	4014.4	4020.8	3931.2	3728.0	3584.0	3673.6	3891.2	3916.8	3934.4	3948.8	3977.6
32.5°	4521.6	4483.2	4420.8	4204.8	3977.6	3971.2	4185.6	4214.4	4238.4	4268.8	4296.0
35°	5160.0	5184.0	5216.0	5070.4	4870.4	4724.8	4742.4	4726.4	4748.8	4793.6	4820.8
37.5°	5665.6	5718.4	5857.6	5952.0	5944.0	5915.2	5646.4	5646.4	5660.8	5636.8	5633.6
40°	6062.4	6096.0	6380.8	6747.2	7056.0	7208.0	6995.2	6964.8	6980.8	6857.6	6862.4
42.5°	6267.2	6316.8	6726.4	7369.6	7982.4	8470.4	8404.8	8384.0	8336.0	8305.6	8286.4
45°	6371.2	6430.4	6918.4	7801.6	8694.4	9448.0	9787.2	9784.0	9740.8	9705.6	9689.6
47.5°	6318.4	6369.6	6889.6	7932.8	9068.8	10078.4	10828.8	10875.2	10862.4	10913.6	10934.4
50°	5972.8	6038.4	6560.0	7649.6	8912.0	10326.4	11550.4	11636.8	11753.6	11827.2	11924.8
52.5°	5660.8	5715.2	6185.6	7190.4	8396.8	10124.8	11985.6	12163.2	12323.2	12473.6	12590.4
55°	5334.4	5388.8	5801.6	6713.6	7876.8	9529.6	12184.0	12443.2	12692.8	12947.2	13180.8
57.5°	5211.2	5268.8	5576.0	6344.0	7451.2	8939.2	12281.6	12707.2	13113.6	13545.6	13993.6
60°	5531.2	5582.4	5816.0	6353.6	7126.4	8348.8	12084.8	12753.6	13452.8	14164.8	14852.8
62.5°	5433.6	5460.8	5752.0	6585.6	7540.8	7766.4	11232.0	12115.2	13131.2	14174.4	15228.8
65°	4688.0	4740.8	4960.0	5692.8	7308.8	7688.0	9932.8	10820.8	12019.2	13252.8	14665.6
67.5°	3363.2	3289.6	3459.2	4100.8	5670.4	7675.2	8470.4	9128.0	10067.2	11012.8	12171.2
70°	1528.0	1492.8	1625.6	2132.8	3420.8	6065.6	7161.6	7384.0	7732.8	8369.6	9152.0
72.5°	603.2	601.6	688.0	881.6	1617.6	3904.0	6022.4	6150.4	6273.6	6550.4	6888.0
75°	395.2	395.2	420.8	475.2	796.8	1884.8	5094.4	5211.2	5400.0	5478.4	5622.4
77.5°	297.6	299.2	310.4	323.2	440.0	992.0	3595.2	4009.6	4329.6	4568.0	4742.4
80°	211.2	220.8	241.6	249.6	286.4	564.8	2032.0	2331.2	2692.8	3078.4	3563.2
82.5°	158.4	169.6	204.8	214.4	227.2	321.6	916.8	1040.0	1214.4	1574.4	2264.0
85°	73.6	81.6	140.8	153.6	164.8	185.6	465.6	520.0	590.4	646.4	753.6
87.5°	11.2	8.0	24.0	33.6	52.8	54.4	160.0	190.4	206.4	248.0	257.6
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):**

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	2633.6	2633.6	2633.6	2633.6	2633.6	2633.6	2633.6	2633.6	2633.6	2633.6	2633.6
2.5°	2652.8	2654.4	2656.0	2652.8	2654.4	2654.4	2651.2	2649.6	2649.6	2649.6	2651.2
5°	2704.0	2707.2	2704.0	2705.6	2712.0	2710.4	2707.2	2705.6	2712.0	2713.6	2708.8
7.5°	2795.2	2796.8	2790.4	2798.4	2801.6	2803.2	2803.2	2806.4	2806.4	2811.2	2806.4
10°	2912.0	2912.0	2923.2	2921.6	2923.2	2926.4	2928.0	2934.4	2939.2	2939.2	2942.4
12.5°	3046.4	3048.0	3059.2	3060.8	3067.2	3068.8	3078.4	3072.0	3088.0	3088.0	3092.8
15°	3185.6	3196.8	3198.4	3214.4	3217.6	3219.2	3232.0	3232.0	3243.2	3244.8	3248.0
17.5°	3323.2	3332.8	3339.2	3352.0	3363.2	3368.0	3372.8	3382.4	3390.4	3393.6	3401.6
20°	3441.6	3451.2	3457.6	3470.4	3480.0	3488.0	3492.8	3504.0	3512.0	3515.2	3526.4
22.5°	3540.8	3547.2	3558.4	3576.0	3579.2	3588.8	3603.2	3611.2	3614.4	3624.0	3636.8
25°	3646.4	3656.0	3662.4	3678.4	3691.2	3707.2	3720.0	3732.8	3736.0	3748.8	3760.0
27.5°	3787.2	3796.8	3798.4	3830.4	3843.2	3865.6	3880.0	3899.2	3908.8	3920.0	3942.4
30°	3995.2	4017.6	4027.2	4064.0	4070.4	4096.0	4121.6	4128.0	4142.4	4144.0	4180.8
32.5°	4313.6	4345.6	4358.4	4396.8	4406.4	4430.4	4444.8	4478.4	4480.0	4496.0	4504.0
35°	4835.2	4827.2	4876.8	4886.4	4915.2	4936.0	4950.4	4950.4	4980.8	4982.4	4992.0
37.5°	5547.2	5531.2	5544.0	5486.4	5500.8	5475.2	5470.4	5476.8	5464.0	5467.2	5465.6
40°	6686.4	6614.4	6539.2	6361.6	6323.2	6249.6	6192.0	6145.6	6100.8	6052.8	6020.8
42.5°	8115.2	8011.2	7899.2	7614.4	7481.6	7339.2	7200.0	7120.0	6960.0	6862.4	6809.6
45°	9612.8	9491.2	9334.4	9097.6	8908.8	8756.8	8502.4	8382.4	8134.4	8011.2	7844.8
47.5°	10840.0	10841.6	10715.2	10475.2	10273.6	10172.8	10014.4	9782.4	9500.8	9342.4	9046.4
50°	11913.6	11912.0	11904.0	11760.0	11619.2	11508.8	11369.6	11160.0	10929.6	10750.4	10411.2
52.5°	12707.2	12812.8	12857.6	12856.0	12838.4	12787.2	12681.6	12500.8	12267.2	12166.4	11896.0
55°	13363.2	13593.6	13713.6	13976.0	14000.0	14084.8	13992.0	13993.6	13856.0	13865.6	13779.2
57.5°	14356.8	14777.6	15019.2	15600.0	15891.2	16243.2	16180.8	16475.2	16582.4	16718.4	16899.2
60°	15484.8	16270.4	16843.2	17998.4	18468.8	19038.4	19352.0	19686.4	19929.6	20179.2	20363.2
62.5°	16291.2	17323.2	18264.0	19910.4	20521.6	21121.6	21516.8	21921.6	22195.2	22374.4	22507.2
65°	15961.6	17102.4	18214.4	19940.8	20606.4	21041.6	21512.0	21745.6	22019.2	22168.0	22358.4
67.5°	13563.2	14707.2	15899.2	17936.0	18632.0	19233.6	19600.0	19902.4	20123.2	20312.0	20531.2
70°	10086.4	11337.6	12569.6	14803.2	15681.6	16550.4	16982.4	17356.8	17587.2	17777.6	18019.2
72.5°	7259.2	8043.2	8812.8	11313.6	12192.0	13315.2	13763.2	14179.2	14478.4	14468.8	14724.8
75°	5779.2	6097.6	6440.0	7731.2	8361.6	9308.8	9560.0	9793.6	9652.8	9382.4	9366.4
77.5°	4811.2	4942.4	5057.6	5462.4	5555.2	5780.8	5656.0	5526.4	5108.8	4756.8	4571.2
80°	3905.6	4164.8	4334.4	4622.4	4740.8	4808.0	4825.6	4780.8	4627.2	4414.4	4075.2
82.5°	2904.0	3396.8	3732.8	4299.2	4507.2	4550.4	4633.6	4582.4	4481.6	4308.8	4065.6
85°	851.2	963.2	1104.0	1497.6	1755.2	1974.4	2198.4	2308.8	2377.6	2281.6	2030.4
87.5°	299.2	337.6	377.6	520.0	553.6	668.8	656.0	774.4	779.2	812.8	777.6
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):**

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	2633.6	2633.6	2633.6	2633.6	2633.6	2633.6	2633.6	2633.6	2633.6	2633.6	2633.6
2.5°	2649.6	2649.6	2649.6	2651.2	2651.2	2651.2	2648.0	2646.4	2648.0	2651.2	2651.2
5°	2712.0	2713.6	2716.8	2710.4	2712.0	2716.8	2713.6	2712.0	2713.6	2716.8	2713.6
7.5°	2812.8	2814.4	2811.2	2817.6	2817.6	2820.8	2825.6	2820.8	2822.4	2824.0	2825.6
10°	2944.0	2945.6	2948.8	2953.6	2955.2	2958.4	2961.6	2966.4	2966.4	2963.2	2971.2
12.5°	3100.8	3099.2	3102.4	3108.8	3112.0	3116.8	3126.4	3126.4	3132.8	3131.2	3139.2
15°	3254.4	3262.4	3264.0	3275.2	3280.0	3288.0	3299.2	3305.6	3305.6	3315.2	3318.4
17.5°	3408.0	3414.4	3420.8	3430.4	3436.8	3441.6	3454.4	3462.4	3460.8	3478.4	3478.4
20°	3526.4	3539.2	3547.2	3553.6	3564.8	3572.8	3582.4	3592.0	3598.4	3609.6	3612.8
22.5°	3641.6	3649.6	3660.8	3668.8	3681.6	3691.2	3702.4	3710.4	3721.6	3736.0	3740.8
25°	3769.6	3782.4	3795.2	3806.4	3816.0	3827.2	3846.4	3864.0	3880.0	3892.8	3897.6
27.5°	3947.2	3961.6	3980.8	3988.8	4003.2	4012.8	4041.6	4064.0	4072.0	4094.4	4100.8
30°	4187.2	4203.2	4222.4	4232.0	4257.6	4270.4	4300.8	4324.8	4332.8	4360.0	4364.8
32.5°	4534.4	4544.0	4582.4	4580.8	4616.0	4652.8	4670.4	4689.6	4724.8	4739.2	4744.0
35°	5016.0	5038.4	5065.6	5064.0	5108.8	5129.6	5164.8	5185.6	5211.2	5209.6	5236.8
37.5°	5481.6	5489.6	5499.2	5520.0	5552.0	5580.8	5593.6	5614.4	5633.6	5662.4	5697.6
40°	5988.8	6008.0	6009.6	6020.8	6036.8	6073.6	6097.6	6120.0	6185.6	6227.2	6248.0
42.5°	6748.8	6744.0	6712.0	6732.8	6742.4	6798.4	6816.0	6884.8	6958.4	7046.4	7070.4
45°	7726.4	7662.4	7643.2	7635.2	7686.4	7715.2	7787.2	7915.2	7992.0	8075.2	8115.2
47.5°	8929.6	8729.6	8635.2	8614.4	8667.2	8790.4	8814.4	8940.8	9041.6	9102.4	9142.4
50°	10134.4	9977.6	9779.2	9712.0	9697.6	9811.2	9838.4	9944.0	10046.4	10064.0	10043.2
52.5°	11648.0	11392.0	11064.0	10945.6	10851.2	10859.2	10881.6	10926.4	10992.0	10964.8	10908.8
55°	13584.0	13292.8	13131.2	12907.2	12764.8	12739.2	12641.6	12507.2	12502.4	12520.0	12352.0
57.5°	16808.0	16686.4	16755.2	16731.2	16590.4	16675.2	16235.2	16110.4	16011.2	15838.4	15683.2
60°	20526.4	20651.2	20793.6	21121.6	21107.2	21436.8	21131.2	21054.4	20961.6	20428.8	20168.0
62.5°	22739.2	22788.8	22998.4	23304.0	23604.8	23920.0	24062.4	24112.0	23918.4	23483.2	22939.2
65°	22353.6	22572.8	22776.0	23040.0	23348.8	23664.0	23964.8	24140.8	24096.0	23808.0	23209.6
67.5°	20601.6	20832.0	21129.6	21406.4	21739.2	22012.8	22342.4	22665.6	22675.2	22531.2	22115.2
70°	18044.8	18312.0	18619.2	18774.4	19134.4	19382.4	19656.0	19976.0	20080.0	20097.6	19612.8
72.5°	14670.4	14782.4	14932.8	14851.2	14923.2	15081.6	15008.0	15033.6	14638.4	14712.0	14113.6
75°	8934.4	8832.0	8377.6	7963.2	7457.6	7068.8	7161.6	6419.2	5688.0	5651.2	5123.2
77.5°	4531.2	4368.0	4086.4	3793.6	3364.8	2873.6	2464.0	2022.4	1649.6	1436.8	1233.6
80°	3859.2	3744.0	3588.8	3376.0	3064.0	2700.8	2273.6	1937.6	1625.6	1300.8	1041.6
82.5°	3692.8	3340.8	3115.2	2937.6	2600.0	2264.0	2030.4	1800.0	1579.2	1379.2	1092.8
85°	1832.0	1620.8	1371.2	1216.0	936.0	732.8	686.4	564.8	526.4	406.4	342.4
87.5°	616.0	504.0	376.0	316.8	252.8	206.4	203.2	180.8	179.2	163.2	150.4
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):**

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	2633.6	2633.6	2633.6	2633.6	2633.6	2633.6	2633.6	2633.6	2633.6	2633.6	2633.6
2.5°	2649.6	2652.8	2652.8	2649.6	2651.2	2648.0	2649.6	2651.2	2646.4	2644.8	2640.0
5°	2715.2	2713.6	2713.6	2715.2	2720.0	2721.6	2713.6	2716.8	2718.4	2710.4	2692.8
7.5°	2824.0	2824.0	2828.8	2827.2	2836.8	2833.6	2832.0	2832.0	2832.0	2816.0	2787.2
10°	2971.2	2971.2	2976.0	2982.4	2984.0	2980.8	2980.8	2982.4	2990.4	2958.4	2913.6
12.5°	3136.0	3144.0	3142.4	3142.4	3161.6	3156.8	3150.4	3156.8	3164.8	3120.0	3056.0
15°	3320.0	3324.8	3328.0	3339.2	3336.0	3347.2	3350.4	3347.2	3355.2	3297.6	3190.4
17.5°	3486.4	3496.0	3499.2	3512.0	3512.0	3513.6	3526.4	3521.6	3523.2	3457.6	3304.0
20°	3624.0	3633.6	3638.4	3652.8	3656.0	3662.4	3667.2	3670.4	3678.4	3600.0	3396.8
22.5°	3761.6	3769.6	3777.6	3787.2	3800.0	3808.0	3814.4	3817.6	3832.0	3740.8	3484.8
25°	3915.2	3932.8	3940.8	3956.8	3969.6	3982.4	3992.0	3993.6	4017.6	3904.0	3556.8
27.5°	4120.0	4144.0	4156.8	4182.4	4195.2	4208.0	4204.8	4224.0	4257.6	4091.2	3612.8
30°	4388.8	4419.2	4427.2	4452.8	4473.6	4486.4	4500.8	4516.8	4539.2	4299.2	3640.0
32.5°	4763.2	4809.6	4820.8	4835.2	4865.6	4888.0	4897.6	4923.2	4929.6	4496.0	3632.0
35°	5276.8	5256.0	5310.4	5323.2	5366.4	5384.0	5395.2	5428.8	5403.2	4710.4	3579.2
37.5°	5740.8	5734.4	5787.2	5816.0	5872.0	5859.2	5886.4	5908.8	5817.6	4862.4	3481.6
40°	6307.2	6299.2	6372.8	6382.4	6468.8	6449.6	6460.8	6478.4	6275.2	4968.0	3304.0
42.5°	7097.6	7100.8	7179.2	7188.8	7200.0	7235.2	7177.6	7180.8	6761.6	4996.8	3011.2
45°	8139.2	8195.2	8147.2	8148.8	8145.6	8078.4	8006.4	7921.6	7267.2	4897.6	2633.6
47.5°	9148.8	9110.4	9049.6	8993.6	8947.2	8841.6	8736.0	8592.0	7704.0	4662.4	2212.8
50°	10012.8	9926.4	9872.0	9716.8	9606.4	9468.8	9321.6	9156.8	8062.4	4323.2	1819.2
52.5°	10816.0	10726.4	10523.2	10361.6	10203.2	10020.8	9849.6	9656.0	8379.2	3936.0	1518.4
55°	12150.4	12072.0	11868.8	11572.8	11377.6	11126.4	10900.8	10638.4	9020.8	3622.4	1320.0
57.5°	15256.0	15188.8	14761.6	14574.4	14316.8	13686.4	13593.6	13184.0	10740.8	3585.6	1203.2
60°	19628.8	19340.8	18985.6	18473.6	17870.4	17662.4	17198.4	16652.8	13508.8	3686.4	1108.8
62.5°	22313.6	21657.6	21136.0	20545.6	19990.4	19513.6	19006.4	18467.2	14924.8	3553.6	992.0
65°	22515.2	21744.0	21054.4	20361.6	19737.6	19144.0	18651.2	18112.0	14464.0	3054.4	840.0
67.5°	21404.8	20592.0	19840.0	19054.4	18424.0	17888.0	17260.8	16742.4	13164.8	2377.6	699.2
70°	19115.2	18401.6	17753.6	16907.2	16384.0	15731.2	15332.8	14684.8	11475.2	1620.8	577.6
72.5°	13768.0	13230.4	13019.2	12428.8	11744.0	11360.0	11176.0	10547.2	8480.0	1006.4	472.0
75°	4651.2	4784.0	4480.0	4014.4	4241.6	3891.2	4033.6	3734.4	3587.2	577.6	396.8
77.5°	1032.0	969.6	896.0	832.0	827.2	777.6	824.0	779.2	833.6	368.0	350.4
80°	814.4	643.2	547.2	499.2	473.6	459.2	448.0	435.2	396.8	313.6	323.2
82.5°	880.0	664.0	486.4	388.8	332.8	312.0	307.2	294.4	291.2	304.0	326.4
85°	281.6	235.2	200.0	188.8	174.4	166.4	163.2	158.4	192.0	331.2	313.6
87.5°	147.2	129.6	115.2	110.4	96.0	89.6	88.0	89.6	134.4	331.2	227.2
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):**

	125°	135°	145°	155°	165°	175°	180°
0°	2633.6	2633.6	2633.6	2633.6	2633.6	2633.6	2633.6
2.5°	2635.2	2633.6	2630.4	2628.8	2627.2	2619.2	2625.6
5°	2684.8	2668.8	2654.4	2636.8	2627.2	2619.2	2619.2
7.5°	2760.0	2715.2	2678.4	2638.4	2611.2	2590.4	2587.2
10°	2854.4	2768.0	2683.2	2611.2	2560.0	2521.6	2516.8
12.5°	2944.0	2812.8	2678.4	2560.0	2480.0	2425.6	2422.4
15°	3027.2	2836.8	2641.6	2467.2	2347.2	2275.2	2267.2
17.5°	3092.8	2822.4	2558.4	2337.6	2174.4	2089.6	2084.8
20°	3107.2	2764.8	2440.0	2177.6	2004.8	1915.2	1894.4
22.5°	3094.4	2660.8	2292.8	2001.6	1803.2	1713.6	1702.4
25°	3056.0	2534.4	2110.4	1796.8	1612.8	1521.6	1499.2
27.5°	2987.2	2385.6	1913.6	1598.4	1416.0	1328.0	1305.6
30°	2884.8	2206.4	1704.0	1412.8	1224.0	1153.6	1131.2
32.5°	2742.4	1988.8	1497.6	1222.4	1065.6	1009.6	1000.0
35°	2545.6	1739.2	1281.6	1065.6	950.4	916.8	912.0
37.5°	2294.4	1489.6	1100.8	953.6	870.4	849.6	846.4
40°	1966.4	1233.6	972.8	873.6	812.8	795.2	792.0
42.5°	1628.8	1041.6	878.4	809.6	760.0	744.0	739.2
45°	1332.8	912.0	808.0	756.8	710.4	692.8	691.2
47.5°	1112.0	836.8	750.4	708.8	662.4	641.6	643.2
50°	950.4	768.0	702.4	667.2	614.4	595.2	596.8
52.5°	840.0	699.2	657.6	617.6	572.8	553.6	553.6
55°	753.6	643.2	614.4	571.2	536.0	518.4	516.8
57.5°	683.2	598.4	572.8	537.6	502.4	481.6	481.6
60°	640.0	566.4	545.6	513.6	472.0	449.6	448.0
62.5°	614.4	556.8	539.2	494.4	448.0	425.6	420.8
65°	595.2	579.2	556.8	483.2	428.8	404.8	400.0
67.5°	596.8	632.0	600.0	489.6	422.4	387.2	380.8
70°	606.4	673.6	630.4	504.0	449.6	379.2	364.8
72.5°	558.4	609.6	568.0	480.0	438.4	364.8	347.2
75°	465.6	444.8	408.0	390.4	393.6	331.2	324.8
77.5°	377.6	331.2	296.0	310.4	331.2	283.2	276.8
80°	328.0	268.8	251.2	275.2	300.8	241.6	225.6
82.5°	307.2	227.2	216.0	286.4	315.2	208.0	182.4
85°	270.4	185.6	169.6	337.6	315.2	156.8	145.6
87.5°	180.8	110.4	105.6	248.0	216.0	108.8	88.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)