

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: STREETWORKS

Report Number: P200727

Luminaire Tested: **VERD-M-A0485-E-U-T3-7050-AP**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P200727  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P26224)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: VERD-M-A0485-E-U-T3-7050-AP  
Description: VERDEON-M ROADWAY AND AREA LUMINAIRE  
(4) 70 CRI, 5000K LEDS AT 85% STANDARD LUMENS AND TYPE III OPTICS, GREY  
PAINTED FINISH  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 25793 lumens  
Efficiency: N/A  
Efficacy: 122.8 lumens/watt  
Luminous Opening: Rectangular (W 1.35' x L: 1.58' x H: 0')  
IES Classification: Type III - Medium - Semi-Cutoff  
BUG Rating: B3 - U0 - G4

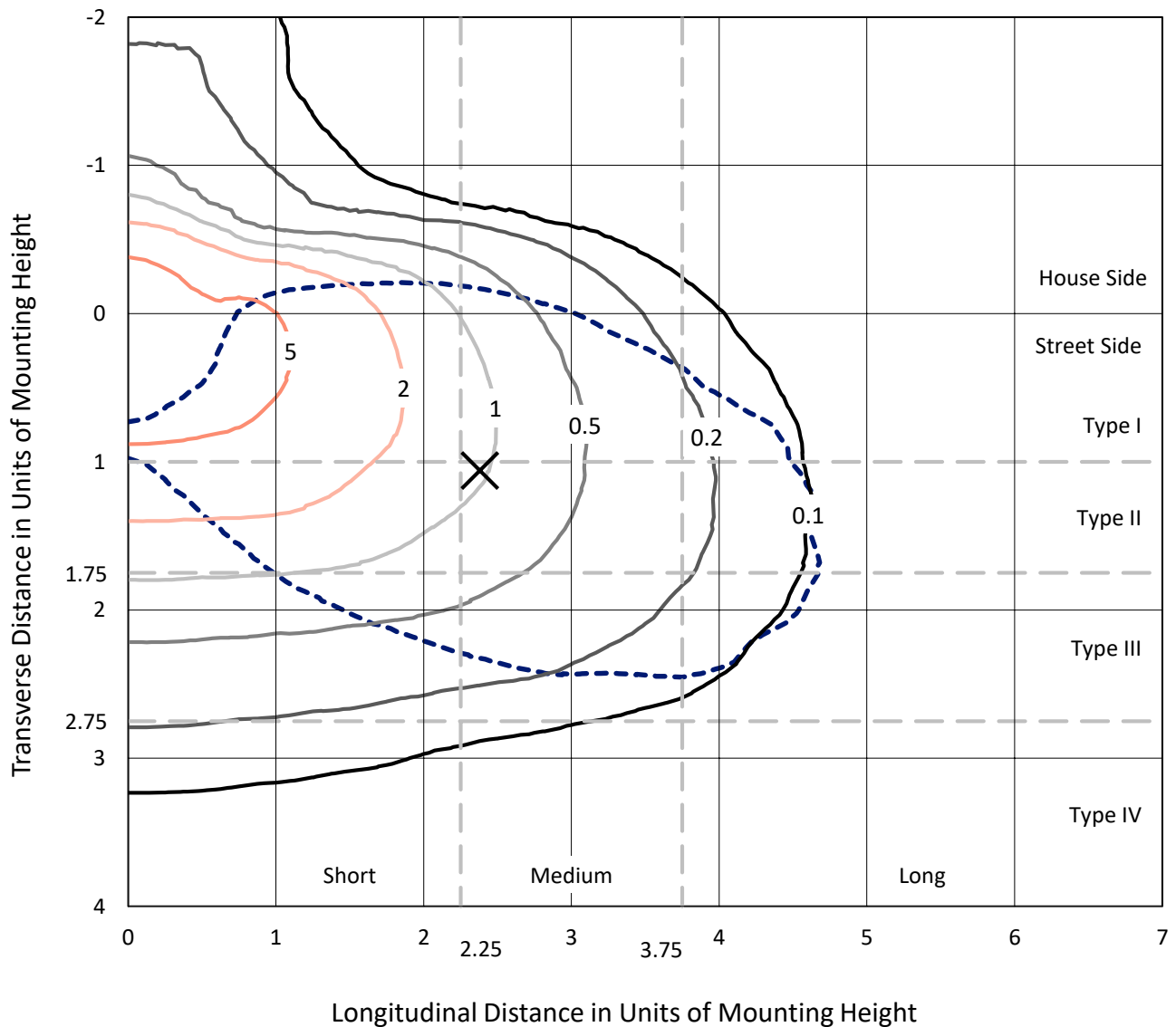
Input Watts (W): 210  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

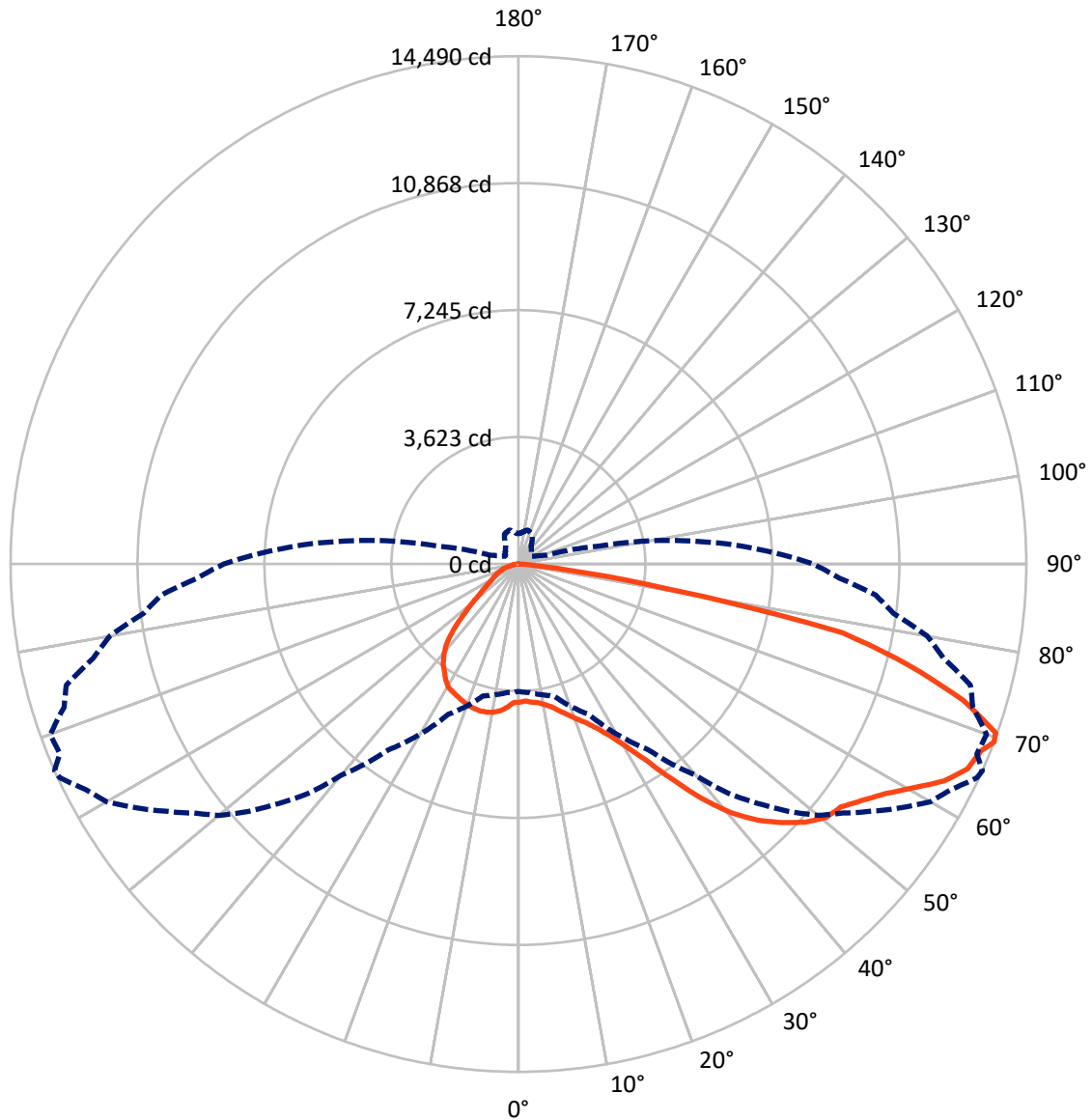
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.1 fc  
 Type III - Medium - Semi-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 66-Deg Lateral      - - - Horizontal Cone Through 69-Deg Vertical



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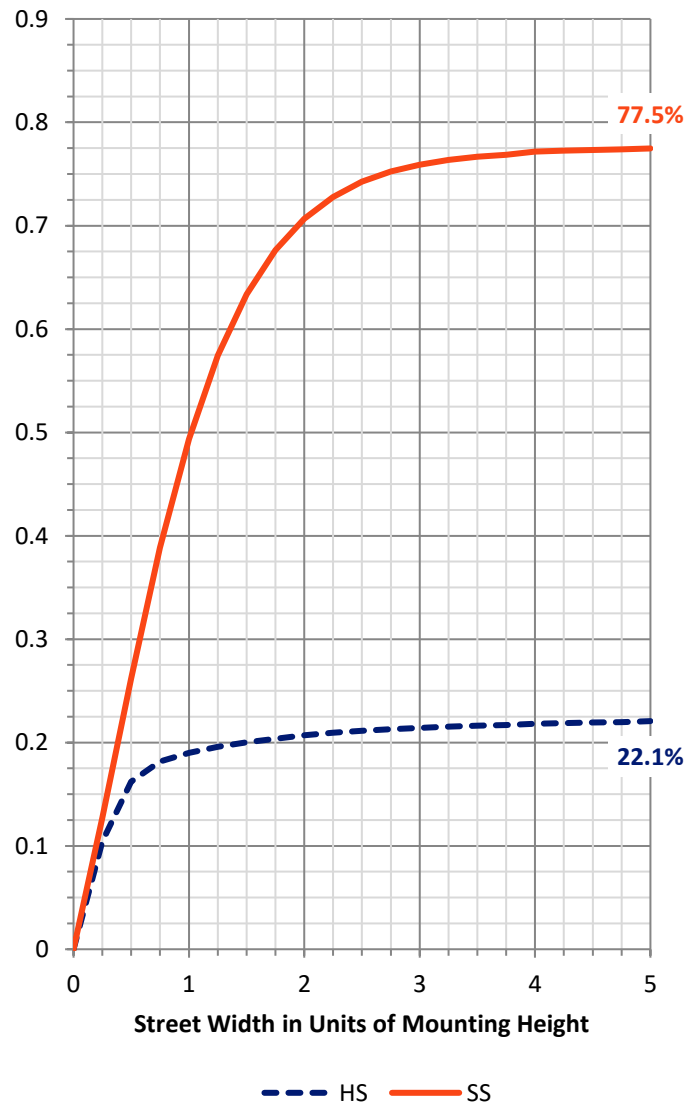
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5796.0	0.0	5796.0
	% Fixture	22.5	0.0	22.5
<b>Street Side</b>	Lumens	19997.0	0.0	19997.0
	% Fixture	77.5	0.0	77.5
<b>Total</b>	Lumens	25793.0	0.0	25793.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	396.8	1.5
10°-20°	1261.2	4.9
20°-30°	2160.0	8.4
30°-40°	3239.0	12.6
40°-50°	4407.1	17.1
50°-60°	5185.2	20.1
60°-70°	5445.1	21.1
70°-80°	3373.6	13.1
80°-90°	325.0	1.3
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°	25793.0	100.0
0°-180°	25793.0	100.0



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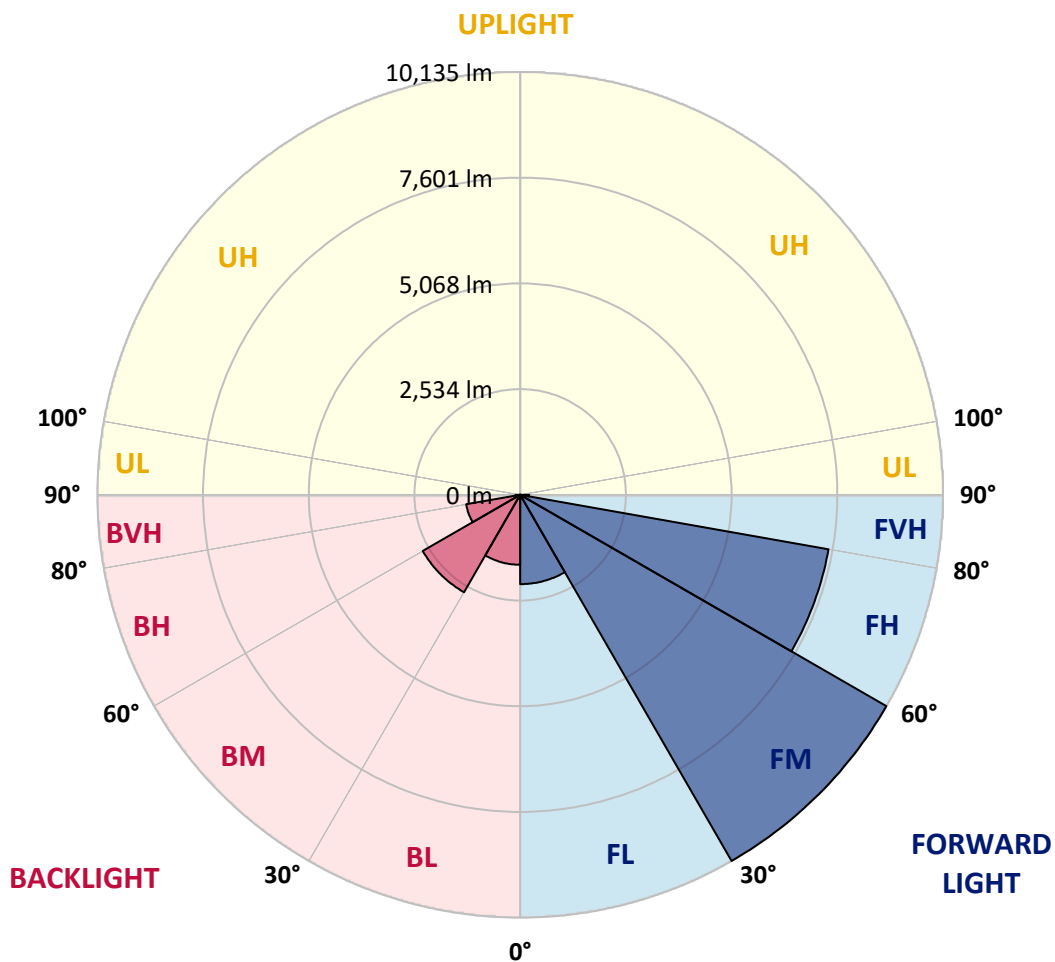
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2141.3	8.3			
FM	(30°-60°)	10135.2	39.3			
FH	(60°-80°)	7504.5	29.1			G4/12000
FVH	(80°-90°)	216.0	0.8			G2/225
BL	(0°-30°)	1676.8	6.5	B3/2500		
BM	(30°-60°)	2696.1	10.5	B3/5000		
BH	(60°-80°)	1314.1	5.1	B3/2500		G3/2500
BVH	(80°-90°)	108.9	0.4			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 III Medium





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0°	3939.8	3939.8	3939.8	3939.8	3939.8	3939.8	3939.8	3939.8	3939.8	3939.8	3939.8
2.5°	4004.3	4004.3	3961.9	3955.1	3948.3	3927.9	3914.3	3914.3	3900.7	3914.3	3921.1
5°	4085.9	4065.5	4021.3	4017.9	3997.5	3997.5	3997.5	3975.5	3961.9	3955.1	3955.1
7.5°	4203.1	4179.3	4145.3	4114.8	4089.3	4072.3	4031.5	4065.5	4041.7	4038.3	4041.7
10°	4390.0	4373.0	4310.1	4303.3	4245.6	4225.2	4189.5	4189.5	4175.9	4169.1	4148.7
12.5°	4563.3	4556.5	4490.2	4476.6	4413.8	4383.2	4362.8	4356.0	4325.4	4315.2	4283.0
15°	4818.1	4787.5	4738.3	4714.5	4631.2	4610.9	4570.1	4536.1	4517.4	4507.2	4497.0
17.5°	5052.6	5035.6	4984.6	4945.5	4852.1	4824.9	4777.3	4770.5	4714.5	4694.1	4666.9
20°	5322.7	5293.8	5242.8	5225.9	5159.6	5088.2	5025.4	5025.4	4959.1	4901.4	4891.2
22.5°	5611.5	5580.9	5511.3	5501.1	5439.9	5404.2	5322.7	5293.8	5215.7	5169.8	5105.2
25°	5936.0	5895.2	5847.7	5832.4	5784.8	5764.4	5660.8	5647.2	5530.0	5487.5	5439.9
27.5°	6219.7	6236.7	6212.9	6195.9	6160.3	6122.9	6046.4	6046.4	5908.8	5888.4	5818.8
30°	6605.4	6578.2	6591.8	6581.6	6537.4	6530.6	6481.4	6474.6	6353.9	6364.1	6246.9
32.5°	6902.7	6909.5	6941.8	6948.6	6962.1	6972.3	6923.1	6875.5	6799.1	6848.3	6724.3
35°	7137.1	7137.1	7251.0	7403.9	7431.0	7538.1	7475.2	7454.8	7327.4	7441.2	7310.4
37.5°	7330.8	7341.0	7420.9	7614.5	7799.7	7925.4	7903.3	7945.8	7845.6	8029.1	7932.2
40°	7475.2	7478.6	7617.9	7852.4	8163.3	8338.3	8351.9	8414.7	8377.3	8608.4	8569.3
42.5°	7337.6	7358.0	7614.5	8073.2	8487.8	8712.0	8786.8	8932.9	8949.9	9221.7	9214.9
45°	7172.8	7200.0	7487.1	8153.1	8766.4	9056.9	9221.7	9464.6	9515.6	9829.9	9833.3
47.5°	7019.9	7065.8	7358.0	8093.6	9019.5	9395.0	9629.4	9926.8	10044.0	10319.2	10337.9
50°	6875.5	6916.3	7237.4	8049.5	9243.8	9705.9	9996.4	10348.1	10461.9	10726.9	10716.7
52.5°	6571.4	6620.7	6996.1	7899.9	9350.8	9857.1	10168.0	10485.7	10659.0	10954.6	10934.2
55°	6289.4	6350.5	6724.3	7721.6	9357.6	9886.0	10237.7	10548.6	10747.3	11078.6	11065.0
57.5°	5971.7	5995.5	6384.5	7441.2	9221.7	9802.7	10147.6	10548.6	10750.7	11141.5	11200.9
60°	5550.4	5614.9	5978.5	7059.0	8980.5	9663.4	10134.0	10602.9	10851.0	11355.5	11476.2
62.5°	5156.2	5191.9	5543.6	6605.4	8569.3	9354.2	9899.6	10485.7	10893.4	11445.6	11753.1
65°	4653.3	4711.1	5015.2	6005.7	7976.4	8773.2	9415.4	10140.8	10703.2	11341.9	11770.1
67.5°	4038.3	4082.5	4345.8	5266.6	7096.4	7876.2	8601.6	9519.0	10195.2	10851.0	11428.6
69°	3637.4	3683.2	3893.9	4728.1	6474.6	7193.2	7869.4	8883.6	9653.2	10444.9	11155.1
70°	3341.8	3365.5	3579.6	4335.6	6002.3	6695.4	7283.2	8351.9	9201.3	10188.4	10934.2
72.5°	2519.5	2553.5	2713.2	3292.5	4593.9	5225.9	5750.8	6613.9	7589.0	8795.3	9609.1
75°	1712.5	1709.1	1860.3	2215.4	2874.6	3285.7	3734.2	4520.8	5373.7	6440.6	7524.5
77.5°	565.7	579.3	672.8	1000.7	1294.6	1394.8	1456.0	1746.5	2446.4	3037.7	4179.3
80°	220.9	227.7	375.5	497.8	645.6	696.6	732.2	863.0	987.1	1145.1	1462.8
82.5°	137.6	190.3	261.6	297.3	300.7	283.7	268.4	324.5	404.3	504.6	589.5
85°	90.0	120.6	120.6	127.4	127.4	117.2	90.0	130.8	180.1	200.5	241.2
87.5°	47.6	73.1	69.7	59.5	44.2	27.2	0.0	13.6	27.2	34.0	17.0
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):**

	52.5°	55°	57.5°	60°	62.5°	65°	66°	67.5°	70°	72.5°	75°
0°	3939.8	3939.8	3939.8	3939.8	3939.8	3939.8	3939.8	3939.8	3939.8	3939.8	3939.8
2.5°	3921.1	3917.7	3880.3	3917.7	3893.9	3914.3	3914.3	3880.3	3924.5	3934.7	3944.9
5°	3948.3	3958.5	3941.5	3944.9	3941.5	3948.3	3958.5	3948.3	3968.7	3982.3	3968.7
7.5°	4011.1	4028.1	3975.5	4014.5	3968.7	3975.5	3994.1	3975.5	4021.3	4031.5	4017.9
10°	4121.6	4121.6	4108.0	4108.0	4079.1	4082.5	4075.7	4065.5	4079.1	4051.9	4089.3
12.5°	4232.0	4238.8	4196.3	4221.8	4182.7	4182.7	4175.9	4155.5	4175.9	4169.1	4169.1
15°	4417.2	4432.5	4376.4	4400.2	4356.0	4349.2	4345.8	4342.4	4332.2	4306.7	4342.4
17.5°	4617.6	4607.5	4570.1	4542.9	4507.2	4514.0	4510.6	4514.0	4493.6	4480.0	4500.4
20°	4824.9	4821.5	4784.1	4753.6	4721.3	4707.7	4711.1	4707.7	4687.3	4694.1	4697.5
22.5°	5101.8	5039.0	5045.8	4977.8	4955.7	4931.9	4915.0	4948.9	4901.4	4962.5	4915.0
25°	5419.5	5346.5	5370.3	5259.8	5239.4	5195.3	5186.8	5232.7	5191.9	5287.0	5236.1
27.5°	5778.0	5701.6	5708.3	5618.3	5584.3	5543.6	5543.6	5640.4	5580.9	5667.6	5570.7
30°	6233.3	6163.7	6219.7	6065.1	6068.5	6015.9	6022.6	6156.9	6075.3	6185.7	6071.9
32.5°	6785.5	6671.6	6758.3	6617.3	6668.2	6617.3	6654.6	6841.5	6758.3	6923.1	6720.9
35°	7386.9	7276.4	7441.2	7337.6	7454.8	7490.5	7527.9	7772.5	7725.0	7932.2	7769.1
37.5°	8097.0	8024.0	8173.5	8163.3	8387.5	8414.7	8474.2	8786.8	8729.0	9007.6	8798.7
40°	8815.7	8735.8	9000.8	8946.5	9243.8	9274.4	9332.1	9671.9	9568.3	9733.1	9488.4
42.5°	9442.6	9422.2	9602.3	9598.9	9892.8	9923.4	9984.5	10237.7	10113.6	10174.8	9943.7
45°	10084.7	10016.8	10230.9	10188.4	10506.1	10495.9	10523.1	10769.4	10652.2	10623.3	10399.0
47.5°	10519.7	10472.1	10699.8	10659.0	10983.5	10958.0	11007.3	11148.3	11000.5	11010.7	10783.0
50°	10934.2	10876.4	11078.6	11041.2	11299.5	11335.2	11372.5	11459.2	11279.1	11155.1	10971.6
52.5°	11155.1	11041.2	11211.1	11231.5	11472.8	11472.8	11516.9	11562.8	11479.6	11466.0	11304.6
55°	11238.3	11192.4	11348.7	11389.5	11727.6	11827.8	11900.9	11977.3	11938.3	11914.5	11720.8
57.5°	11432.0	11403.1	11686.8	11787.1	12148.9	12273.0	12352.8	12509.1	12432.6	12279.7	12038.5
60°	11853.3	11914.5	12252.6	12342.6	12797.9	12904.9	12961.0	13025.6	12988.2	12763.9	12466.6
62.5°	12135.3	12329.0	12743.5	12961.0	13433.3	13606.6	13633.8	13627.0	13474.1	13156.4	12843.8
65°	12225.4	12515.9	13074.8	13440.1	13902.2	14072.1	14082.3	14026.2	13909.0	13460.5	13129.2
67.5°	11963.7	12429.3	13074.8	13509.8	13999.0	14230.1	14233.5	14102.7	14089.1	13564.1	13302.5
69°	11673.2	12298.4	12944.0	13564.1	13922.6	14437.4	14490.0	14158.7	14213.1	13591.3	13353.5
70°	11520.3	12201.6	12901.5	13564.1	13999.0	14369.4	14447.6	14233.5	14148.6	13460.5	13171.7
72.5°	10341.3	11127.9	12108.2	12714.7	13012.0	13282.1	13253.2	13129.2	13042.6	12349.4	12098.0
75°	8401.1	9167.3	10078.0	10686.2	10975.0	11455.8	11489.8	11369.1	11432.0	10733.7	10555.3
77.5°	5176.6	6437.2	7393.7	8290.7	8588.0	9340.6	9461.2	9435.8	9571.7	8939.7	8746.0
80°	1705.7	2174.6	2623.1	3362.1	3258.5	4182.7	4366.2	4369.6	4624.4	3576.2	3965.3
82.5°	649.0	807.0	959.9	1150.2	1214.7	1304.8	1315.0	1277.6	1391.4	1241.9	1228.3
85°	193.7	220.9	193.7	224.3	227.7	280.3	248.0	186.9	254.8	200.5	190.3
87.5°	13.6	20.4	20.4	44.2	0.0	44.2	27.2	20.4	20.4	27.2	23.8
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):**

	77.5°	80°	82.5°	85°	87.5°	90°	95°	100°	102.5°	105°	107.5°
0°	3939.8	3939.8	3939.8	3939.8	3939.8	3939.8	3939.8	3939.8	3939.8	3939.8	3939.8
2.5°	3941.5	3927.9	3934.7	3931.3	3934.7	3951.7	3941.5	3921.1	3927.9	3944.9	3921.1
5°	3975.5	3955.1	3997.5	3927.9	3968.7	3990.7	3997.5	4004.3	4004.3	4007.7	4038.3
7.5°	4017.9	3978.9	4017.9	4014.5	4038.3	4041.7	4068.9	4092.7	4121.6	4108.0	4135.2
10°	4085.9	4089.3	4101.2	4092.7	4114.8	4111.4	4155.5	4192.9	4225.2	4208.2	4211.6
12.5°	4238.8	4192.9	4232.0	4203.1	4232.0	4232.0	4252.4	4245.6	4299.9	4272.8	4252.4
15°	4390.0	4352.6	4383.2	4352.6	4376.4	4369.6	4359.4	4328.8	4369.6	4359.4	4349.2
17.5°	4556.5	4500.4	4542.9	4483.4	4500.4	4456.2	4417.2	4356.0	4403.6	4352.6	4328.8
20°	4721.3	4697.5	4694.1	4638.0	4610.9	4587.1	4486.8	4407.0	4425.7	4379.8	4306.7
22.5°	4921.8	4887.8	4867.4	4777.3	4748.5	4704.3	4580.3	4456.2	4425.7	4386.6	4322.0
25°	5219.1	5135.8	5115.4	5015.2	4991.4	4898.0	4700.9	4546.3	4500.4	4442.7	4342.4
27.5°	5570.7	5446.7	5412.7	5270.0	5253.0	5105.2	4908.2	4670.3	4563.3	4446.1	4362.8
30°	6060.0	5844.3	5832.4	5633.6	5611.5	5397.4	5118.8	4845.3	4694.1	4546.3	4396.8
32.5°	6812.6	6517.0	6544.2	6260.5	6233.3	5885.0	5412.7	5011.8	4797.7	4624.4	4383.2
35°	7966.2	7638.3	7607.7	7293.4	7213.6	6844.9	6216.3	5426.3	5018.6	4704.3	4390.0
37.5°	8802.1	8552.3	8477.6	8190.5	7889.8	7597.5	6875.5	5978.5	5501.1	5039.0	4486.8
40°	9395.0	9126.6	8960.1	8659.4	8421.5	8131.0	7368.2	6450.8	5888.4	5336.3	4694.1
42.5°	9850.3	9598.9	9415.4	9140.2	8897.2	8511.6	7679.1	6602.0	6019.3	5501.1	4714.5
45°	10271.6	10020.2	9823.1	9522.4	9257.4	8922.7	8000.2	6671.6	6005.7	5397.4	4617.6
47.5°	10636.9	10365.1	10084.7	9778.9	9485.0	9167.3	8210.8	6785.5	5936.0	5239.4	4293.2
50°	10796.6	10572.3	10334.5	10023.6	9699.1	9395.0	8351.9	6731.1	5660.8	4904.8	3871.8
52.5°	11114.3	10783.0	10512.9	10198.6	9843.5	9481.6	8328.1	6534.0	5253.0	4396.8	3355.4
55°	11472.8	11178.9	10803.4	10502.7	10057.6	9622.6	8404.5	6299.6	4894.6	4048.5	2974.8
57.5°	11783.7	11455.8	11003.9	10672.6	10140.8	9671.9	8234.6	6005.7	4570.1	3713.8	2650.3
60°	12087.8	11766.7	11258.7	10851.0	10217.3	9643.0	8069.8	5832.4	4335.6	3419.9	2257.9
62.5°	12363.0	11990.9	11314.8	10873.0	10098.3	9522.4	7852.4	5507.9	3927.9	3068.2	1850.1
65°	12536.3	12087.8	11258.7	10776.2	9920.0	9318.5	7490.5	5042.4	3479.4	2563.7	1449.2
67.5°	12536.3	12011.3	11037.8	10536.7	9519.0	8819.1	6812.6	4342.4	2816.8	2008.1	1034.6
69°	12425.9	11838.0	10789.8	10234.3	9167.3	8404.5	6209.5	3820.9	2375.1	1595.3	822.3
70°	12279.7	11680.0	10506.1	9889.4	8849.6	8029.1	5771.2	3489.6	2077.8	1318.4	752.6
72.5°	11251.9	10672.6	9354.2	8732.4	7594.1	6841.5	4704.3	2426.0	1173.9	752.6	608.2
75°	9649.8	9184.3	7815.0	7203.4	6012.5	5343.1	3188.9	1131.5	662.6	572.5	468.9
77.5°	7594.1	7120.1	5949.6	5253.0	4017.9	3372.3	1291.2	604.8	497.8	397.5	310.9
80°	3051.2	2923.8	1800.8	1770.3	1104.3	980.3	632.0	421.3	338.1	271.8	193.7
82.5°	1000.7	976.9	822.3	756.0	621.8	589.5	421.3	293.9	220.9	180.1	110.4
85°	144.4	176.7	166.5	166.5	117.2	134.2	100.2	79.8	62.9	51.0	27.2
87.5°	0.0	10.2	6.8	17.0	13.6	20.4	27.2	27.2	6.8	27.2	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):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	135°	145°
0°	3939.8	3939.8	3939.8	3939.8	3939.8	3939.8	3939.8	3939.8	3939.8	3939.8	3939.8
2.5°	3958.5	3961.9	3951.7	3968.7	3975.5	3990.7	3990.7	4004.3	3990.7	3997.5	4048.5
5°	4079.1	4108.0	4092.7	4108.0	4128.4	4128.4	4158.9	4182.7	4169.1	4186.1	4279.6
7.5°	4169.1	4232.0	4211.6	4245.6	4249.0	4279.6	4266.0	4328.8	4303.3	4306.7	4390.0
10°	4262.6	4279.6	4296.6	4306.7	4315.2	4362.8	4335.6	4362.8	4373.0	4373.0	4439.3
12.5°	4286.4	4322.0	4325.4	4356.0	4318.6	4383.2	4349.2	4390.0	4366.2	4362.8	4407.0
15°	4339.0	4342.4	4318.6	4335.6	4328.8	4410.4	4366.2	4396.8	4339.0	4349.2	4379.8
17.5°	4310.1	4315.2	4306.7	4322.0	4296.6	4335.6	4286.4	4315.2	4269.4	4242.2	4238.8
20°	4339.0	4315.2	4252.4	4266.0	4238.8	4259.2	4203.1	4203.1	4142.0	4111.4	4011.1
22.5°	4299.9	4252.4	4203.1	4155.5	4118.2	4114.8	4062.1	4072.3	3965.3	3868.4	3747.8
25°	4283.0	4175.9	4148.7	4045.1	4038.3	3990.7	3887.1	3865.0	3764.8	3620.4	3459.0
27.5°	4306.7	4155.5	4072.3	3968.7	3893.9	3776.7	3707.0	3610.2	3486.2	3326.5	3047.9
30°	4269.4	4128.4	3990.7	3790.3	3727.4	3555.8	3442.0	3319.7	3195.7	2988.4	2643.5
32.5°	4242.2	4024.7	3824.3	3583.0	3482.8	3265.3	3165.1	2968.0	2844.0	2582.3	2147.4
35°	4135.2	3871.8	3630.6	3368.9	3227.9	2988.4	2823.6	2602.7	2429.4	2118.5	1646.2
37.5°	4104.6	3707.0	3469.2	3098.8	2910.2	2623.1	2439.6	2161.0	1987.7	1649.6	1315.0
40°	4135.2	3540.5	3202.5	2781.1	2516.1	2181.4	1947.0	1663.2	1473.0	1221.5	1014.3
42.5°	4092.7	3306.1	2884.8	2339.4	2030.2	1636.1	1388.0	1173.9	1083.9	927.6	769.6
45°	3883.7	3002.0	2422.7	1766.9	1466.2	1131.5	963.3	829.1	803.6	722.0	683.0
47.5°	3530.3	2505.9	1943.6	1291.2	1043.1	829.1	766.2	703.4	711.8	683.0	666.0
50°	3102.2	2091.4	1549.4	1014.3	852.9	793.4	739.0	711.8	711.8	679.6	676.2
52.5°	2629.9	1676.8	1224.9	835.9	749.2	711.8	669.4	676.2	638.8	618.4	618.4
55°	2268.0	1381.2	1053.3	773.0	700.0	662.6	672.8	635.4	628.6	608.2	632.0
57.5°	1943.6	1138.3	910.6	732.2	679.6	635.4	645.6	592.9	604.8	599.7	628.6
60°	1585.1	953.1	825.7	683.0	632.0	615.0	592.9	572.5	565.7	555.5	611.6
62.5°	1260.6	842.7	752.6	642.2	586.1	558.9	552.1	558.9	548.7	558.9	618.4
65°	993.9	745.8	693.2	601.4	555.5	558.9	535.2	538.6	555.5	565.7	642.2
67.5°	810.4	635.4	599.7	525.0	501.2	475.7	489.3	511.4	518.2	531.8	645.6
69°	711.8	601.4	538.6	475.7	448.5	448.5	445.1	475.7	497.8	518.2	628.6
70°	652.4	511.4	514.8	434.9	411.1	400.9	431.5	441.7	458.7	511.4	642.2
72.5°	552.1	468.9	462.1	387.4	390.8	378.9	390.8	455.3	431.5	501.2	662.6
75°	411.1	358.5	351.7	317.7	314.3	324.5	338.1	365.3	397.5	448.5	611.6
77.5°	293.9	241.2	268.4	214.1	231.1	207.3	241.2	268.4	300.7	355.1	548.7
80°	193.7	166.5	186.9	137.6	158.0	144.4	183.5	193.7	176.7	248.0	411.1
82.5°	124.0	117.2	120.6	83.2	100.2	90.0	96.8	90.0	113.8	134.2	261.6
85°	30.6	27.2	59.5	47.6	27.2	34.0	37.4	62.9	59.5	62.9	100.2
87.5°	0.0	0.0	23.8	0.0	6.8	0.0	6.8	34.0	27.2	34.0	27.2
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):**

	155°	165°	175°	180°
0°	3939.8	3939.8	3939.8	3939.8
2.5°	4101.2	4155.5	4142.0	4175.9
5°	4335.6	4407.0	4407.0	4452.9
7.5°	4432.5	4507.2	4507.2	4542.9
10°	4490.2	4570.1	4573.5	4617.6
12.5°	4429.1	4493.6	4507.2	4556.5
15°	4356.0	4369.6	4376.4	4410.4
17.5°	4169.1	4182.7	4189.5	4203.1
20°	3955.1	3934.7	3924.5	3948.3
22.5°	3673.1	3613.6	3576.2	3576.2
25°	3282.3	3251.7	3168.5	3154.9
27.5°	2850.8	2786.2	2720.0	2706.4
30°	2392.1	2302.0	2247.7	2271.4
32.5°	1867.1	1839.9	1839.9	1870.5
35°	1491.6	1525.6	1539.2	1559.6
37.5°	1235.1	1311.6	1338.7	1374.4
40°	956.5	1060.1	1150.2	1207.9
42.5°	793.4	929.3	1017.6	1043.1
45°	756.0	880.0	959.9	966.7
47.5°	749.2	859.7	942.9	966.7
50°	752.6	890.2	963.3	973.5
52.5°	711.8	829.1	897.0	890.2
55°	745.8	856.3	890.2	890.2
57.5°	759.4	890.2	973.5	987.1
60°	790.0	1046.5	1134.9	1138.3
62.5°	883.4	1214.7	1124.7	1083.9
65°	1039.7	1298.0	1150.2	1090.7
67.5°	963.3	1046.5	920.8	910.6
69°	936.1	1004.1	893.6	863.0
70°	903.8	983.7	893.6	883.4
72.5°	914.0	1000.7	779.8	732.2
75°	859.7	956.5	742.4	676.2
77.5°	813.8	900.4	732.2	669.4
80°	676.2	822.3	725.4	703.4
82.5°	465.5	649.0	628.6	669.4
85°	241.2	404.3	508.0	592.9
87.5°	79.8	161.4	237.8	268.4
90°	0.0	0.0	0.0	0.0

(END OF REPORT)