

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: P189830

Luminaire Tested: **VERD-M-A03-E-U-T3-AP**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P189830
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-A03-E-U-T3-AP
Description: VERDEON-M ROADWAY AND AREA LUMINAIRE
(3) 70 CRI, 4000K LEDS AND TYPE III OPTICS, GREY PAINTED FINISH
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22236 lumens
Efficiency: N/A
Efficacy: 122.2 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 - G3

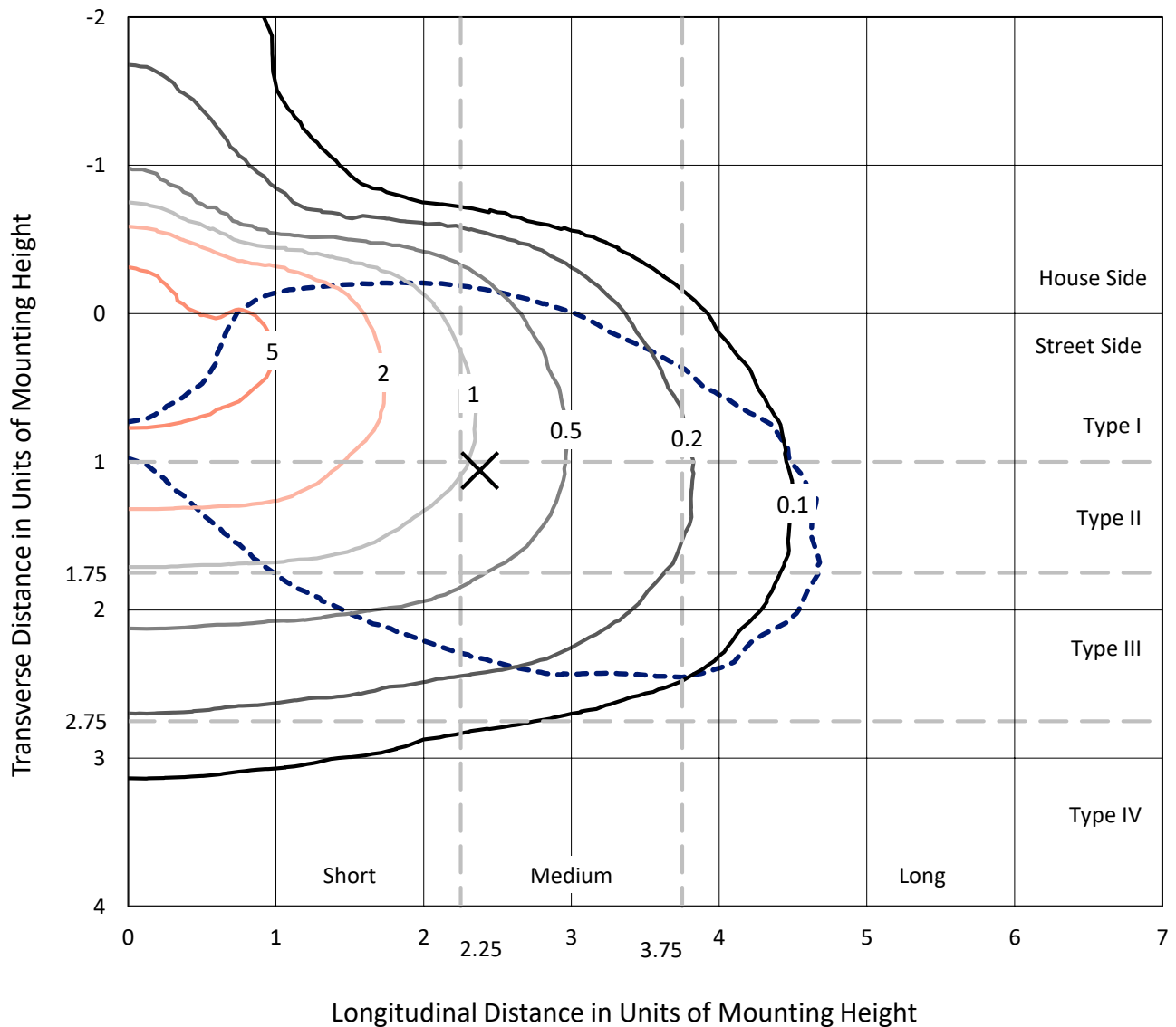
Input Watts (W): 182
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

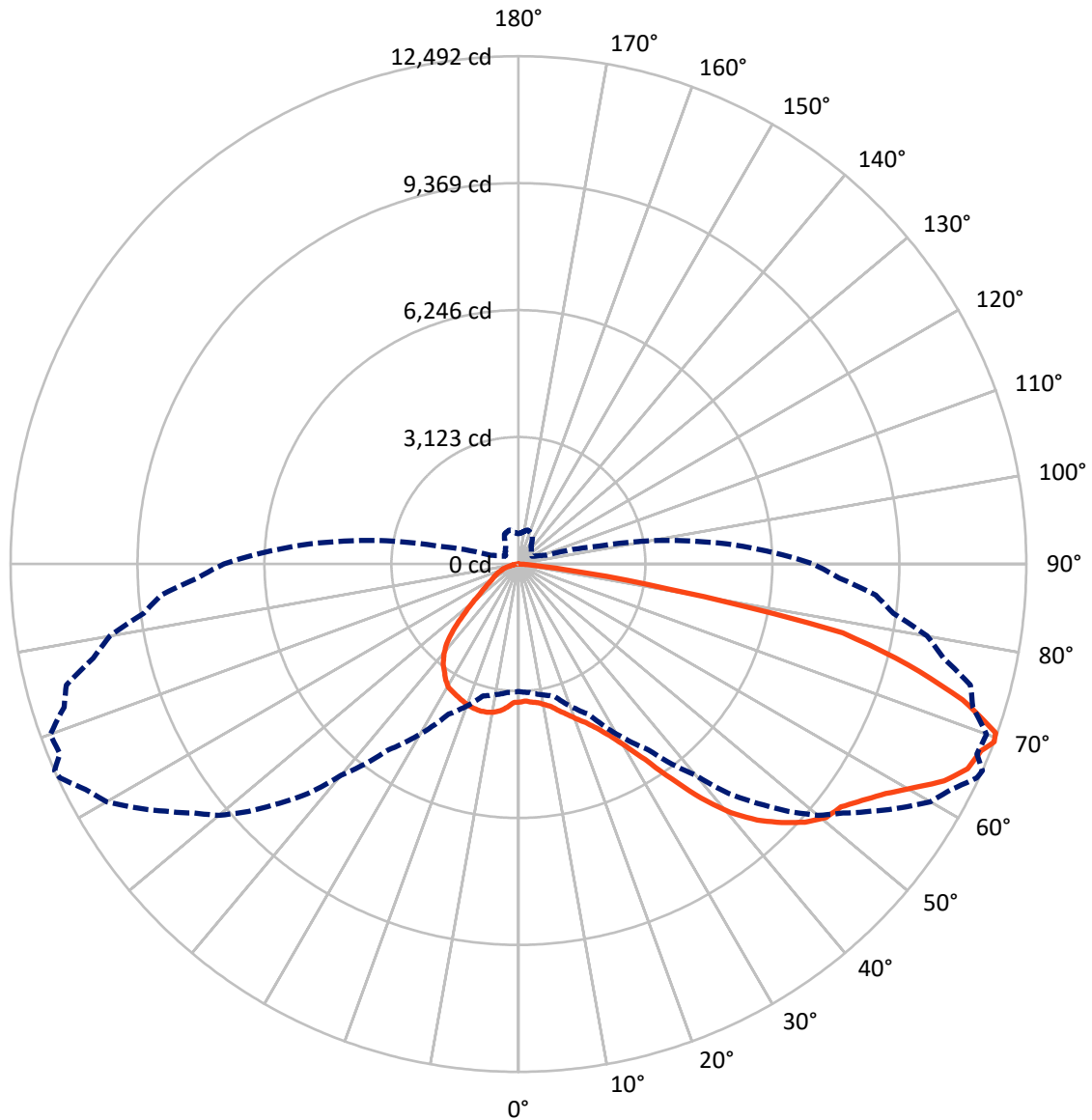
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.1 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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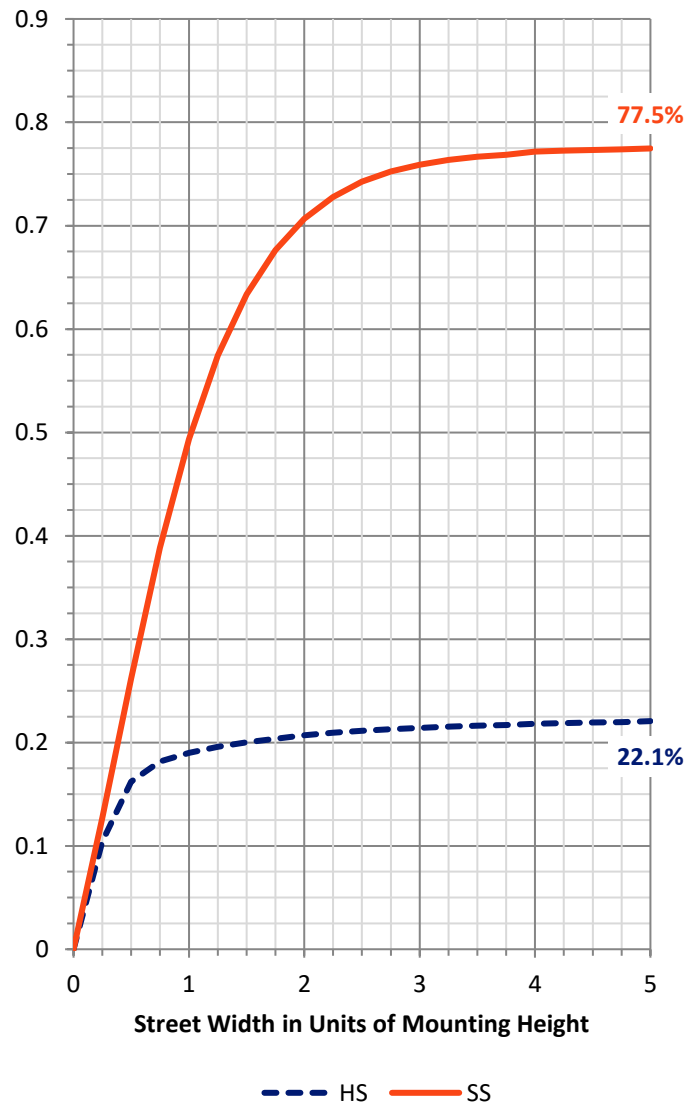
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4996.7	0.0	4996.7
	% Fixture	22.5	0.0	22.5
Street Side	Lumens	17239.3	0.0	17239.3
	% Fixture	77.5	0.0	77.5
Total	Lumens	22236.0	0.0	22236.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	342.1	1.5
10°-20°	1087.3	4.9
20°-30°	1862.1	8.4
30°-40°	2792.3	12.6
40°-50°	3799.3	17.1
50°-60°	4470.2	20.1
60°-70°	4694.1	21.1
70°-80°	2908.4	13.1
80°-90°	280.2	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°	22236.0	100.0
0°-180°	22236.0	100.0

Coefficient of Utilization



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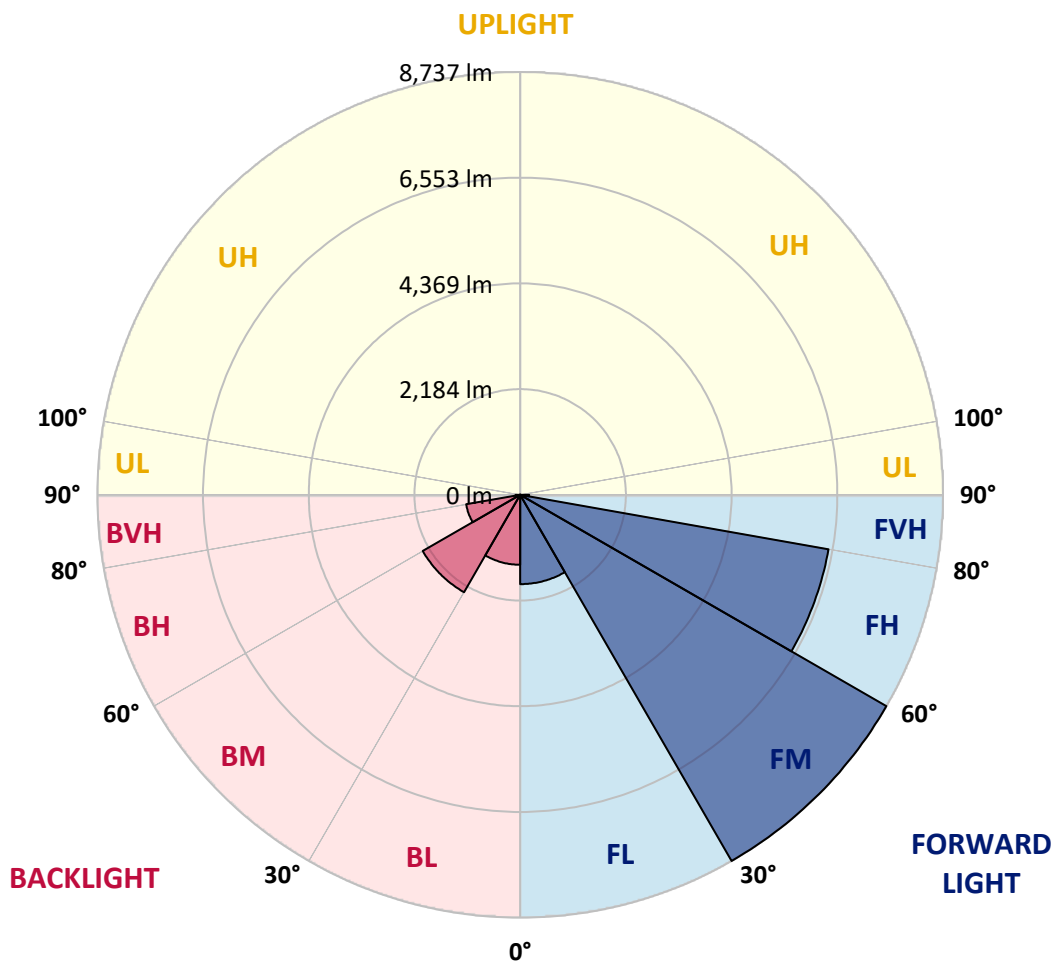
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1846.0	8.3			
FM (30°-60°)	8737.5	39.3			
FH (60°-80°)	6469.6	29.1			G3/7500
FVH (80°-90°)	186.2	0.8			G2/225
BL (0°-30°)	1445.6	6.5	B3/2500		
BM (30°-60°)	2324.3	10.5	B2/2500		
BH (60°-80°)	1132.9	5.1	B3/2500		G3/2500
BVH (80°-90°)	93.9	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

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°	3396.5	3396.5	3396.5	3396.5	3396.5	3396.5	3396.5	3396.5	3396.5	3396.5	3396.5
2.5°	3452.1	3452.1	3415.5	3409.6	3403.8	3386.2	3374.5	3374.5	3362.8	3374.5	3380.4
5°	3522.4	3504.8	3466.8	3463.8	3446.3	3446.3	3446.3	3427.2	3415.5	3409.6	3409.6
7.5°	3623.5	3603.0	3573.7	3547.3	3525.3	3510.7	3475.6	3504.8	3484.3	3481.4	3484.3
10°	3784.6	3769.9	3715.8	3709.9	3660.1	3642.5	3611.8	3611.8	3600.0	3594.2	3576.6
12.5°	3934.0	3928.1	3871.0	3859.3	3805.1	3778.7	3761.2	3755.3	3728.9	3720.1	3692.3
15°	4153.7	4127.3	4084.8	4064.3	3992.6	3975.0	3939.8	3910.5	3894.4	3885.6	3876.9
17.5°	4355.8	4341.1	4297.2	4263.5	4183.0	4159.5	4118.5	4112.7	4064.3	4046.8	4023.3
20°	4588.7	4563.8	4519.8	4505.2	4448.1	4386.5	4332.4	4332.4	4275.2	4225.4	4216.7
22.5°	4837.7	4811.3	4751.2	4742.5	4689.7	4659.0	4588.7	4563.8	4496.4	4456.8	4401.2
25°	5117.4	5082.2	5041.2	5028.1	4987.0	4969.5	4880.1	4868.4	4767.4	4730.7	4689.7
27.5°	5362.0	5376.6	5356.1	5341.5	5310.7	5278.5	5212.6	5212.6	5094.0	5076.4	5016.3
30°	5694.5	5671.0	5682.7	5674.0	5635.9	5630.0	5587.5	5581.7	5477.7	5486.5	5385.4
32.5°	5950.8	5956.6	5984.5	5990.3	6002.0	6010.8	5968.3	5927.3	5861.4	5903.9	5797.0
35°	6152.9	6152.9	6251.0	6382.8	6406.3	6498.5	6444.3	6426.8	6316.9	6415.1	6302.3
37.5°	6319.9	6328.6	6397.5	6564.4	6724.1	6832.5	6813.4	6850.0	6763.6	6921.8	6838.3
40°	6444.3	6447.3	6567.4	6769.5	7037.5	7188.4	7200.1	7254.3	7222.1	7421.2	7387.6
42.5°	6325.7	6343.3	6564.4	6959.9	7317.3	7510.6	7575.0	7701.0	7715.6	7950.0	7944.1
45°	6183.6	6207.1	6454.6	7028.7	7557.5	7807.9	7950.0	8159.4	8203.4	8474.3	8477.2
47.5°	6051.8	6091.4	6343.3	6977.5	7775.7	8099.4	8301.5	8557.8	8658.9	8896.1	8912.2
50°	5927.3	5962.5	6239.3	6939.4	7969.0	8367.4	8617.8	8921.0	9019.2	9247.6	9238.8
52.5°	5665.2	5707.6	6031.3	6810.5	8061.3	8497.7	8765.8	9039.7	9189.0	9443.9	9426.3
55°	5422.0	5474.8	5797.0	6656.7	8067.1	8522.6	8825.8	9093.8	9265.2	9550.8	9539.1
57.5°	5148.2	5168.7	5504.1	6415.1	7950.0	8450.9	8748.2	9093.8	9268.1	9605.0	9656.3
60°	4784.9	4840.6	5154.0	6085.5	7742.0	8330.8	8736.5	9140.7	9354.6	9789.5	9893.5
62.5°	4445.1	4475.9	4779.1	5694.5	7387.6	8064.2	8534.4	9039.7	9391.2	9867.2	10132.3
65°	4011.6	4061.4	4323.6	5177.4	6876.4	7563.3	8116.9	8742.3	9227.1	9777.8	10146.9
67.5°	3481.4	3519.5	3746.5	4540.3	6117.7	6790.0	7415.4	8206.3	8789.2	9354.6	9852.5
69°	3135.8	3175.3	3356.9	4076.0	5581.7	6201.2	6784.1	7658.5	8322.0	9004.5	9616.7
70°	2880.9	2901.4	3086.0	3737.7	5174.5	5772.1	6278.8	7200.1	7932.4	8783.3	9426.3
72.5°	2172.0	2201.3	2339.0	2838.4	3960.3	4505.2	4957.8	5701.8	6542.5	7582.4	8283.9
75°	1476.3	1473.4	1603.8	1909.9	2478.1	2832.6	3219.2	3897.4	4632.6	5552.4	6486.8
77.5°	487.7	499.4	580.0	862.7	1116.0	1202.5	1255.2	1505.6	2109.1	2618.7	3603.0
80°	190.4	196.3	323.7	429.1	556.6	600.5	631.3	744.0	850.9	987.2	1261.0
82.5°	118.6	164.0	225.6	256.3	259.2	244.6	231.4	279.7	348.6	435.0	508.2
85°	77.6	104.0	104.0	109.8	109.8	101.1	77.6	112.8	155.3	172.8	208.0
87.5°	41.0	63.0	60.0	51.3	38.1	23.4	0.0	11.7	23.4	29.3	14.6
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):

	52.5°	55°	57.5°	60°	62.5°	65°	66°	67.5°	70°	72.5°	75°
0°	3396.5	3396.5	3396.5	3396.5	3396.5	3396.5	3396.5	3396.5	3396.5	3396.5	3396.5
2.5°	3380.4	3377.4	3345.2	3377.4	3356.9	3374.5	3374.5	3345.2	3383.3	3392.1	3400.9
5°	3403.8	3412.6	3397.9	3400.9	3397.9	3403.8	3412.6	3403.8	3421.4	3433.1	3421.4
7.5°	3458.0	3472.6	3427.2	3460.9	3421.4	3427.2	3443.3	3427.2	3466.8	3475.6	3463.8
10°	3553.2	3553.2	3541.5	3541.5	3516.6	3519.5	3513.6	3504.8	3516.6	3493.1	3525.3
12.5°	3648.4	3654.2	3617.6	3639.6	3605.9	3605.9	3600.0	3582.5	3600.0	3594.2	3594.2
15°	3808.0	3821.2	3772.9	3793.4	3755.3	3749.4	3746.5	3743.6	3734.8	3712.8	3743.6
17.5°	3980.8	3972.1	3939.8	3916.4	3885.6	3891.5	3888.6	3891.5	3873.9	3862.2	3879.8
20°	4159.5	4156.6	4124.4	4098.0	4070.2	4058.5	4061.4	4058.5	4040.9	4046.8	4049.7
22.5°	4398.3	4344.1	4349.9	4291.3	4272.3	4251.8	4237.2	4266.4	4225.4	4278.2	4237.2
25°	4672.1	4609.2	4629.7	4534.5	4516.9	4478.8	4471.5	4511.0	4475.9	4557.9	4514.0
27.5°	4981.2	4915.3	4921.1	4843.5	4814.2	4779.1	4779.1	4862.6	4811.3	4886.0	4802.5
30°	5373.7	5313.7	5362.0	5228.7	5231.6	5186.2	5192.1	5307.8	5237.5	5332.7	5234.6
32.5°	5849.7	5751.6	5826.3	5704.7	5748.6	5704.7	5736.9	5898.0	5826.3	5968.3	5794.1
35°	6368.2	6273.0	6415.1	6325.7	6426.8	6457.5	6489.7	6700.7	6659.6	6838.3	6697.7
37.5°	6980.4	6917.4	7046.3	7037.5	7230.8	7254.3	7305.5	7575.0	7525.2	7765.4	7585.3
40°	7599.9	7531.1	7759.6	7712.7	7969.0	7995.4	8045.2	8338.1	8248.8	8390.8	8179.9
42.5°	8140.4	8122.8	8278.1	8275.1	8528.5	8554.9	8607.6	8825.8	8718.9	8771.6	8572.4
45°	8694.0	8635.4	8820.0	8783.3	9057.2	9048.4	9071.9	9284.2	9183.2	9158.3	8965.0
47.5°	9068.9	9027.9	9224.2	9189.0	9468.8	9446.8	9489.3	9610.9	9483.4	9492.2	9296.0
50°	9426.3	9376.5	9550.8	9518.6	9741.2	9772.0	9804.2	9878.9	9723.6	9616.7	9458.5
52.5°	9616.7	9518.6	9665.1	9682.6	9890.6	9890.6	9928.7	9968.2	9896.5	9884.7	9745.6
55°	9688.5	9648.9	9783.7	9818.8	10110.3	10196.7	10259.7	10325.6	10291.9	10271.4	10104.4
57.5°	9855.5	9830.6	10075.1	10161.6	10473.5	10580.4	10649.3	10784.0	10718.1	10586.3	10378.3
60°	10218.7	10271.4	10562.9	10640.5	11033.0	11125.3	11173.6	11229.3	11197.0	11003.7	10747.4
62.5°	10461.8	10628.8	10986.1	11173.6	11580.8	11730.2	11753.6	11747.7	11615.9	11342.0	11072.6
65°	10539.4	10789.9	11271.7	11586.6	11985.0	12131.5	12140.3	12091.9	11990.9	11604.2	11318.6
67.5°	10313.9	10715.2	11271.7	11646.7	12068.5	12267.7	12270.6	12157.8	12146.1	11693.6	11468.0
69°	10063.4	10602.4	11159.0	11693.6	12002.6	12446.4	12491.8	12206.2	12253.0	11717.0	11511.9
70°	9931.6	10518.9	11122.4	11693.6	12068.5	12387.8	12455.2	12270.6	12197.4	11604.2	11355.2
72.5°	8915.2	9593.3	10438.4	10961.2	11217.6	11450.4	11425.5	11318.6	11243.9	10646.3	10429.6
75°	7242.6	7903.1	8688.1	9212.5	9461.5	9876.0	9905.2	9801.3	9855.5	9253.5	9099.7
77.5°	4462.7	5549.5	6374.0	7147.4	7403.7	8052.5	8156.5	8134.5	8251.7	7706.8	7539.9
80°	1470.5	1874.7	2261.4	2898.5	2809.1	3605.9	3764.1	3767.0	3986.7	3083.0	3418.4
82.5°	559.5	695.7	827.5	991.6	1047.2	1124.8	1133.6	1101.4	1199.5	1070.6	1058.9
85°	167.0	190.4	167.0	193.3	196.3	241.7	213.8	161.1	219.7	172.8	164.0
87.5°	11.7	17.6	17.6	38.1	0.0	38.1	23.4	17.6	17.6	23.4	20.5
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°	3396.5	3396.5	3396.5	3396.5	3396.5	3396.5	3396.5	3396.5	3396.5	3396.5	3396.5
2.5°	3397.9	3386.2	3392.1	3389.1	3392.1	3406.7	3397.9	3380.4	3386.2	3400.9	3380.4
5°	3427.2	3409.6	3446.3	3386.2	3421.4	3440.4	3446.3	3452.1	3452.1	3455.0	3481.4
7.5°	3463.8	3430.1	3463.8	3460.9	3481.4	3484.3	3507.8	3528.3	3553.2	3541.5	3564.9
10°	3522.4	3525.3	3535.6	3528.3	3547.3	3544.4	3582.5	3614.7	3642.5	3627.9	3630.8
12.5°	3654.2	3614.7	3648.4	3623.5	3648.4	3648.4	3666.0	3660.1	3707.0	3683.5	3666.0
15°	3784.6	3752.4	3778.7	3752.4	3772.9	3767.0	3758.2	3731.9	3767.0	3758.2	3749.4
17.5°	3928.1	3879.8	3916.4	3865.1	3879.8	3841.7	3808.0	3755.3	3796.3	3752.4	3731.9
20°	4070.2	4049.7	4046.8	3998.4	3975.0	3954.5	3868.1	3799.2	3815.3	3775.8	3712.8
22.5°	4243.0	4213.7	4196.1	4118.5	4093.6	4055.5	3948.6	3841.7	3815.3	3781.7	3726.0
25°	4499.3	4427.6	4410.0	4323.6	4303.1	4222.5	4052.6	3919.3	3879.8	3830.0	3743.6
27.5°	4802.5	4695.6	4666.3	4543.3	4528.6	4401.2	4231.3	4026.3	3934.0	3832.9	3761.2
30°	5224.3	5038.3	5028.1	4856.7	4837.7	4653.1	4412.9	4177.1	4046.8	3919.3	3790.4
32.5°	5873.1	5618.3	5641.7	5397.1	5373.7	5073.5	4666.3	4320.6	4136.1	3986.7	3778.7
35°	6867.6	6584.9	6558.6	6287.6	6218.8	5901.0	5359.1	4678.0	4326.5	4055.5	3784.6
37.5°	7588.2	7372.9	7308.5	7061.0	6801.7	6549.8	5927.3	5154.0	4742.5	4344.1	3868.1
40°	8099.4	7868.0	7724.4	7465.2	7260.1	7009.7	6352.1	5561.2	5076.4	4600.4	4046.8
42.5°	8491.9	8275.1	8116.9	7879.7	7670.2	7337.8	6620.1	5691.5	5189.2	4742.5	4064.3
45°	8855.1	8638.4	8468.5	8209.2	7980.7	7692.2	6896.9	5751.6	5177.4	4653.1	3980.8
47.5°	9170.0	8935.7	8694.0	8430.4	8177.0	7903.1	7078.5	5849.7	5117.4	4516.9	3701.1
50°	9307.7	9114.4	8909.3	8641.3	8361.5	8099.4	7200.1	5802.8	4880.1	4228.4	3337.9
52.5°	9581.6	9296.0	9063.1	8792.1	8486.0	8174.1	7179.6	5632.9	4528.6	3790.4	2892.6
55°	9890.6	9637.2	9313.5	9054.3	8670.6	8295.6	7245.5	5430.8	4219.6	3490.2	2564.6
57.5°	10158.6	9876.0	9486.4	9200.8	8742.3	8338.1	7099.0	5177.4	3939.8	3201.7	2284.8
60°	10420.8	10144.0	9706.1	9354.6	8808.2	8313.2	6957.0	5028.1	3737.7	2948.3	1946.5
62.5°	10658.1	10337.3	9754.4	9373.6	8705.7	8209.2	6769.5	4748.3	3386.2	2645.1	1595.0
65°	10807.5	10420.8	9706.1	9290.1	8551.9	8033.5	6457.5	4347.0	2999.5	2210.1	1249.3
67.5°	10807.5	10354.9	9515.7	9083.6	8206.3	7602.9	5873.1	3743.6	2428.3	1731.2	892.0
69°	10712.3	10205.5	9301.8	8822.9	7903.1	7245.5	5353.2	3293.9	2047.5	1375.3	708.9
70°	10586.3	10069.3	9057.2	8525.6	7629.2	6921.8	4975.3	3008.3	1791.2	1136.5	648.8
72.5°	9700.2	9200.8	8064.2	7528.2	6546.9	5898.0	4055.5	2091.5	1012.1	648.8	524.3
75°	8319.1	7917.8	6737.3	6210.0	5183.3	4606.2	2749.1	975.4	571.2	493.6	404.2
77.5°	6546.9	6138.2	5129.1	4528.6	3463.8	2907.3	1113.1	521.4	429.1	342.7	268.0
80°	2630.5	2520.6	1552.5	1526.1	952.0	845.1	544.8	363.2	291.5	234.3	167.0
82.5°	862.7	842.2	708.9	651.8	536.1	508.2	363.2	253.4	190.4	155.3	95.2
85°	124.5	152.3	143.5	143.5	101.1	115.7	86.4	68.8	54.2	43.9	23.4
87.5°	0.0	8.8	5.9	14.6	11.7	17.6	23.4	23.4	5.9	23.4	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°	3396.5	3396.5	3396.5	3396.5	3396.5	3396.5	3396.5	3396.5	3396.5	3396.5	3396.5
2.5°	3412.6	3415.5	3406.7	3421.4	3427.2	3440.4	3440.4	3452.1	3440.4	3446.3	3490.2
5°	3516.6	3541.5	3528.3	3541.5	3559.0	3559.0	3585.4	3605.9	3594.2	3608.8	3689.4
7.5°	3594.2	3648.4	3630.8	3660.1	3663.0	3689.4	3677.7	3731.9	3709.9	3712.8	3784.6
10°	3674.7	3689.4	3704.0	3712.8	3720.1	3761.2	3737.7	3761.2	3769.9	3769.9	3827.1
12.5°	3695.2	3726.0	3728.9	3755.3	3723.1	3778.7	3749.4	3784.6	3764.1	3761.2	3799.2
15°	3740.6	3743.6	3723.1	3737.7	3731.9	3802.2	3764.1	3790.4	3740.6	3749.4	3775.8
17.5°	3715.8	3720.1	3712.8	3726.0	3704.0	3737.7	3695.2	3720.1	3680.6	3657.2	3654.2
20°	3740.6	3720.1	3666.0	3677.7	3654.2	3671.8	3623.5	3623.5	3570.8	3544.4	3458.0
22.5°	3707.0	3666.0	3623.5	3582.5	3550.2	3547.3	3501.9	3510.7	3418.4	3334.9	3231.0
25°	3692.3	3600.0	3576.6	3487.3	3481.4	3440.4	3351.1	3332.0	3245.6	3121.1	2982.0
27.5°	3712.8	3582.5	3510.7	3421.4	3356.9	3255.9	3195.8	3112.3	3005.4	2867.7	2627.5
30°	3680.6	3559.0	3440.4	3267.6	3213.4	3065.5	2967.3	2861.9	2755.0	2576.3	2279.0
32.5°	3657.2	3469.7	3296.9	3088.9	3002.5	2815.0	2728.6	2558.7	2451.8	2226.2	1851.3
35°	3564.9	3337.9	3129.9	2904.3	2782.8	2576.3	2434.2	2243.8	2094.4	1826.4	1419.2
37.5°	3538.5	3195.8	2990.8	2671.5	2508.9	2261.4	2103.2	1863.0	1713.6	1422.1	1133.6
40°	3564.9	3052.3	2760.8	2397.6	2169.1	1880.6	1678.5	1433.9	1269.8	1053.1	874.4
42.5°	3528.3	2850.2	2486.9	2016.8	1750.2	1410.4	1196.6	1012.1	934.4	799.7	663.5
45°	3348.1	2588.0	2088.6	1523.2	1264.0	975.4	830.4	714.7	692.8	622.5	588.8
47.5°	3043.5	2160.3	1675.5	1113.1	899.3	714.7	660.5	606.4	613.7	588.8	574.1
50°	2674.4	1803.0	1335.7	874.4	735.2	684.0	637.1	613.7	613.7	585.8	582.9
52.5°	2267.2	1445.6	1056.0	720.6	645.9	613.7	577.1	582.9	550.7	533.1	533.1
55°	1955.3	1190.7	908.1	666.4	603.4	571.2	580.0	547.8	541.9	524.3	544.8
57.5°	1675.5	981.3	785.0	631.3	585.8	547.8	556.6	511.2	521.4	517.0	541.9
60°	1366.5	821.7	711.8	588.8	544.8	530.2	511.2	493.6	487.7	478.9	527.3
62.5°	1086.8	726.5	648.8	553.6	505.3	481.9	476.0	481.9	473.1	481.9	533.1
65°	856.8	643.0	597.6	518.5	478.9	481.9	461.4	464.3	478.9	487.7	553.6
67.5°	698.6	547.8	517.0	452.6	432.1	410.1	421.8	440.9	446.7	458.4	556.6
69°	613.7	518.5	464.3	410.1	386.7	386.7	383.7	410.1	429.1	446.7	541.9
70°	562.4	440.9	443.8	374.9	354.4	345.7	372.0	380.8	395.4	440.9	553.6
72.5°	476.0	404.2	398.4	333.9	336.9	326.6	336.9	392.5	372.0	432.1	571.2
75°	354.4	309.0	303.2	273.9	271.0	279.7	291.5	314.9	342.7	386.7	527.3
77.5°	253.4	208.0	231.4	184.5	199.2	178.7	208.0	231.4	259.2	306.1	473.1
80°	167.0	143.5	161.1	118.6	136.2	124.5	158.2	167.0	152.3	213.8	354.4
82.5°	106.9	101.1	104.0	71.8	86.4	77.6	83.5	77.6	98.1	115.7	225.6
85°	26.4	23.4	51.3	41.0	23.4	29.3	32.2	54.2	51.3	54.2	86.4
87.5°	0.0	0.0	20.5	0.0	5.9	0.0	5.9	29.3	23.4	29.3	23.4
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):

	155°	165°	175°	180°
0°	3396.5	3396.5	3396.5	3396.5
2.5°	3535.6	3582.5	3570.8	3600.0
5°	3737.7	3799.2	3799.2	3838.8
7.5°	3821.2	3885.6	3885.6	3916.4
10°	3871.0	3939.8	3942.8	3980.8
12.5°	3818.3	3873.9	3885.6	3928.1
15°	3755.3	3767.0	3772.9	3802.2
17.5°	3594.2	3605.9	3611.8	3623.5
20°	3409.6	3392.1	3383.3	3403.8
22.5°	3166.5	3115.3	3083.0	3083.0
25°	2829.7	2803.3	2731.5	2719.8
27.5°	2457.6	2402.0	2344.9	2333.1
30°	2062.2	1984.6	1937.7	1958.2
32.5°	1609.6	1586.2	1586.2	1612.6
35°	1285.9	1315.2	1326.9	1344.5
37.5°	1064.8	1130.7	1154.1	1184.9
40°	824.6	913.9	991.6	1041.3
42.5°	684.0	801.1	877.3	899.3
45°	651.8	758.7	827.5	833.4
47.5°	645.9	741.1	812.9	833.4
50°	648.8	767.5	830.4	839.2
52.5°	613.7	714.7	773.3	767.5
55°	643.0	738.2	767.5	767.5
57.5°	654.7	767.5	839.2	850.9
60°	681.1	902.2	978.4	981.3
62.5°	761.6	1047.2	969.6	934.4
65°	896.3	1119.0	991.6	940.3
67.5°	830.4	902.2	793.8	785.0
69°	807.0	865.6	770.4	744.0
70°	779.2	848.0	770.4	761.6
72.5°	788.0	862.7	672.3	631.3
75°	741.1	824.6	640.0	582.9
77.5°	701.6	776.3	631.3	577.1
80°	582.9	708.9	625.4	606.4
82.5°	401.3	559.5	541.9	577.1
85°	208.0	348.6	437.9	511.2
87.5°	68.8	139.1	205.0	231.4
90°	0.0	0.0	0.0	0.0

(END OF REPORT)