

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: P189789

Luminaire Tested: **VERD-M-A0485-E-U-T2-7030-AP**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P189789
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P26223)
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-T2-7030-AP
Description: VERDEON-M ROADWAY AND AREA LUMINAIRE
(4) 70 CRI, 3000K LEDS AT 85% STANDARD LUMENS AND TYPE II OPTICS, GREY
PAINTED FINISH
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 25399 lumens
Efficiency: N/A
Efficacy: 120.9 lumens/watt
Luminous Opening: Rectangular (W 1.35' x L: 1.58' x H: 0')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B3 - U0 - G3

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

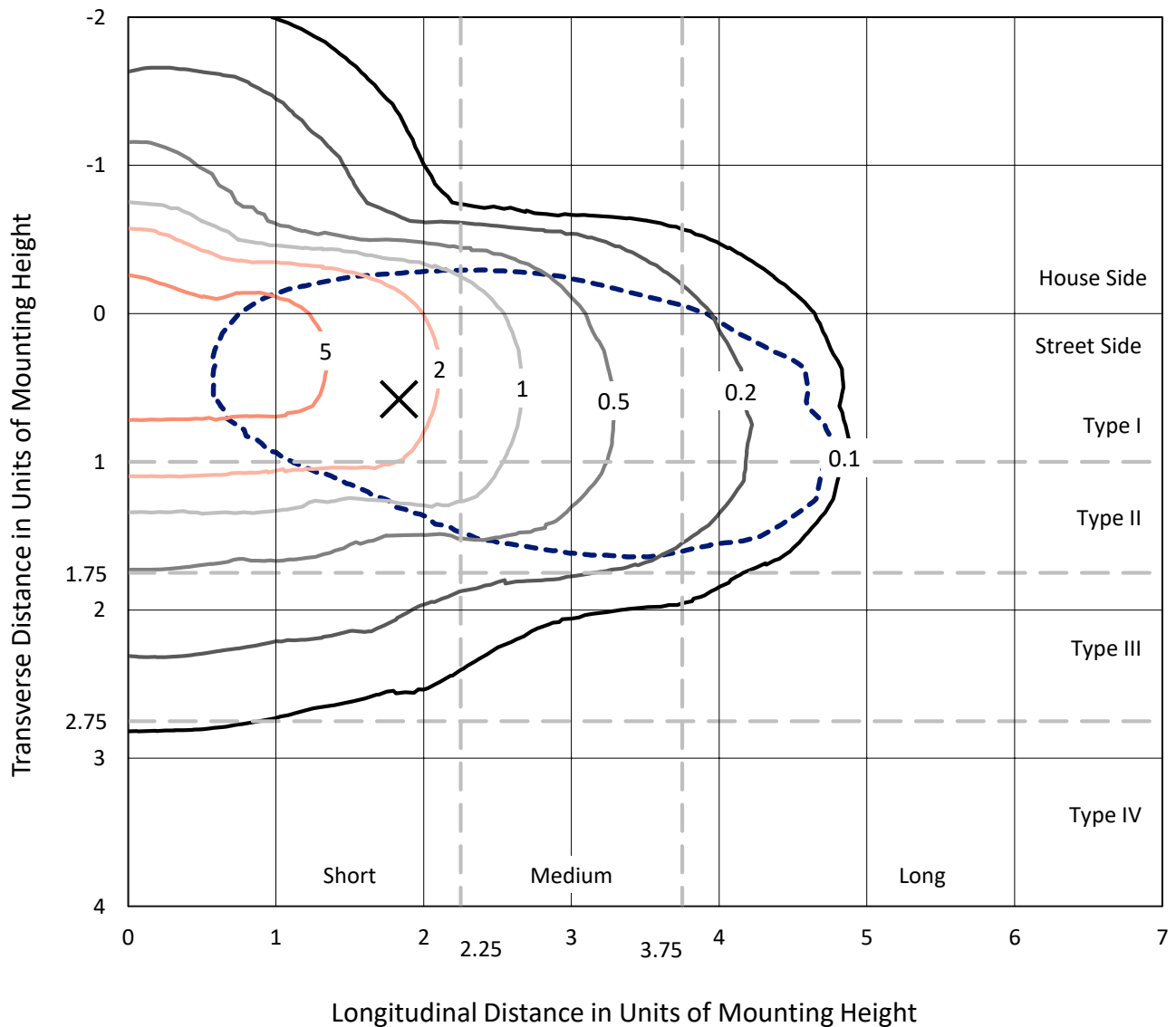


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

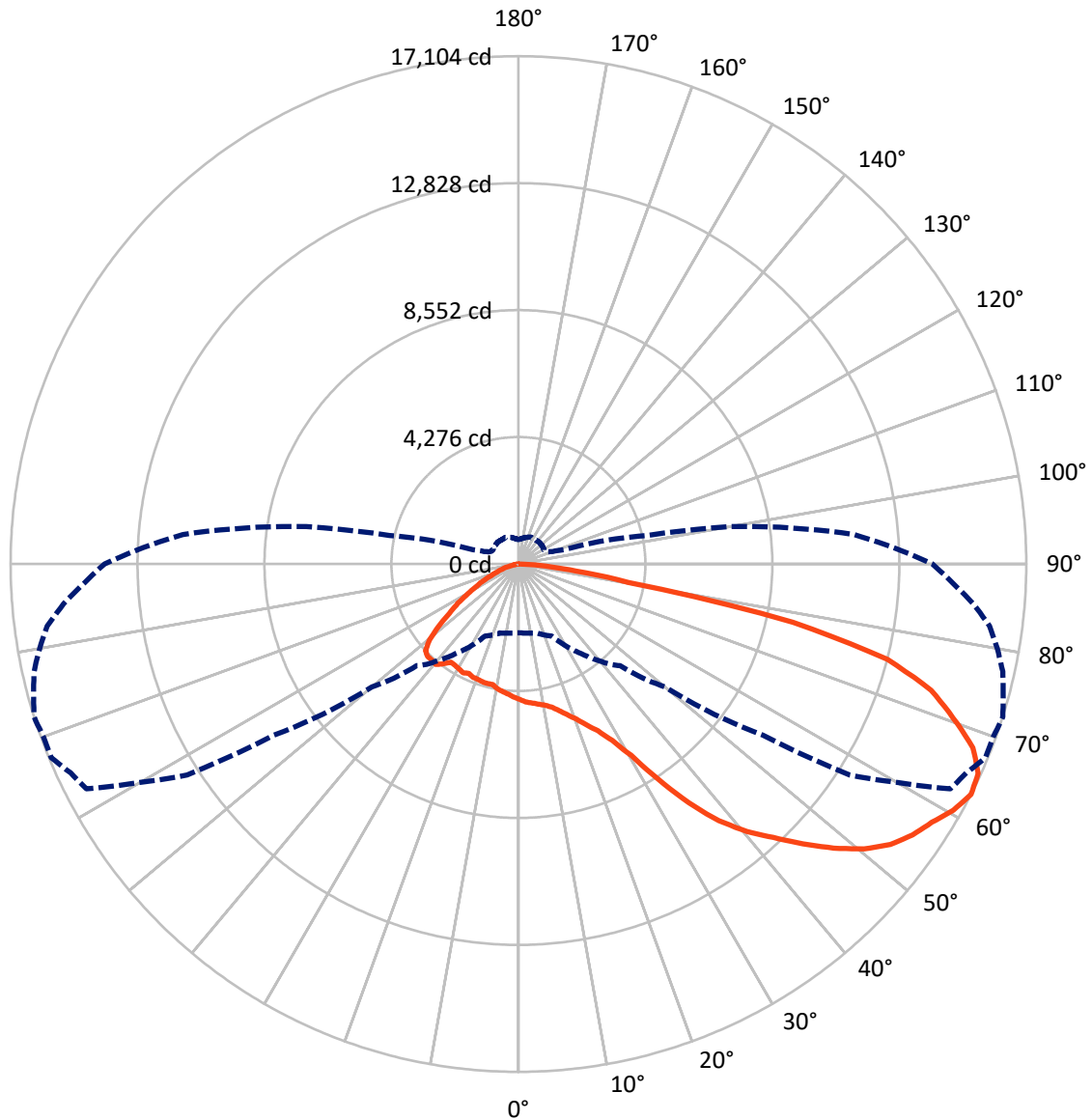


Based on 25 foot mounting height. Maximum calculated value = 8.6 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 72.5-Deg Lateral - - - Horizontal Cone Through 62.5-Deg Vertical

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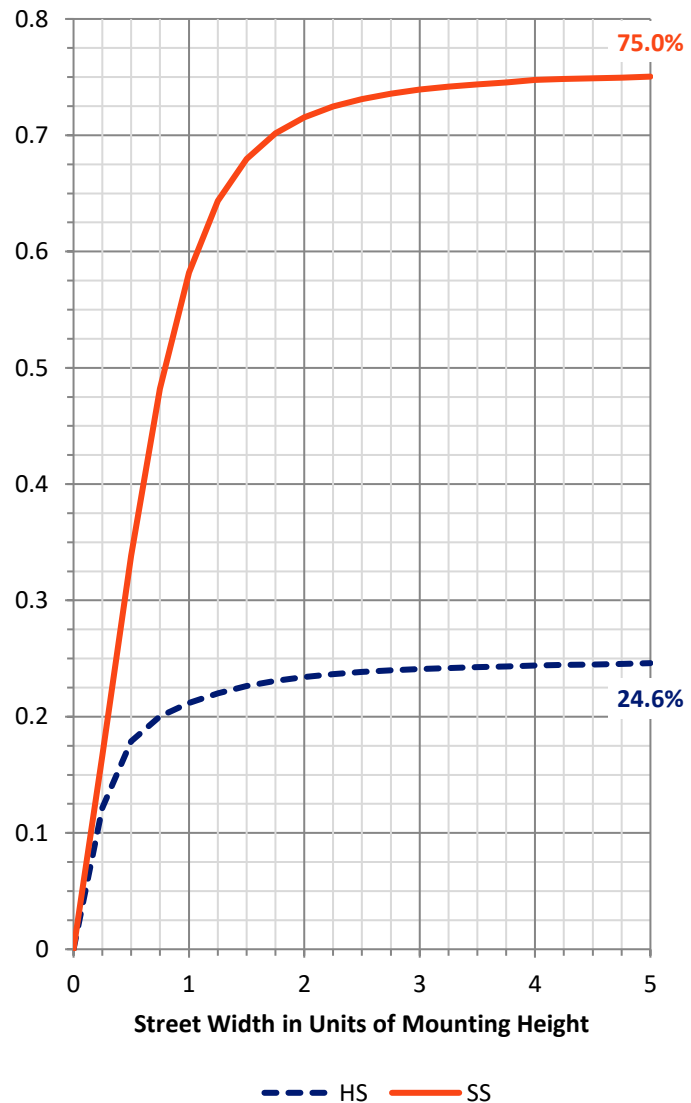
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6349.0	0.0	6349.0
	% Fixture	25.0	0.0	25.0
Street Side	Lumens	19050.0	0.0	19050.0
	% Fixture	75.0	0.0	75.0
Total	Lumens	25399.0	0.0	25399.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	437.7	1.7
10°-20°	1322.9	5.2
20°-30°	2224.5	8.8
30°-40°	3295.1	13.0
40°-50°	4451.3	17.5
50°-60°	5151.2	20.3
60°-70°	5038.0	19.8
70°-80°	3070.3	12.1
80°-90°	408.2	1.6
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°	25399.0	100.0
0°-180°	25399.0	100.0



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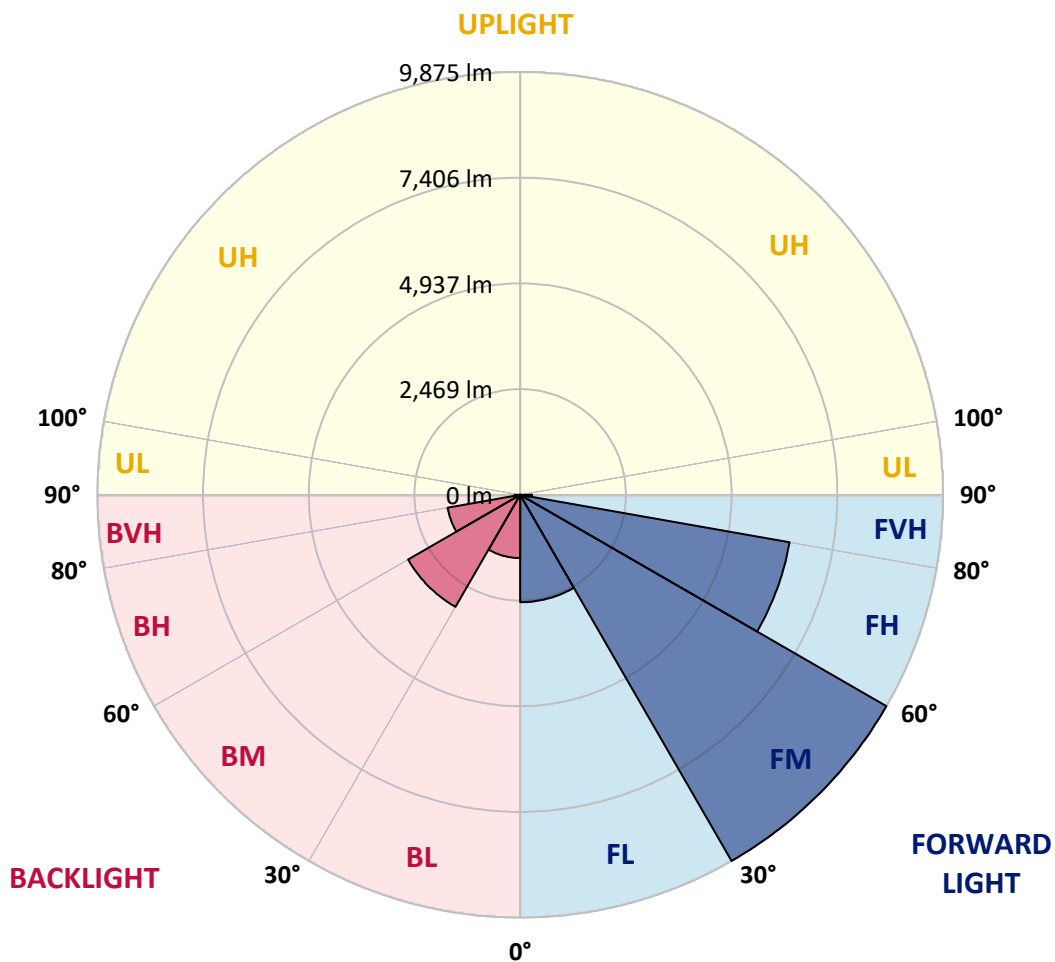
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2508.4	9.9			
FM	(30°-60°)	9874.9	38.9			
FH	(60°-80°)	6388.6	25.2			G3/7500
FVH	(80°-90°)	278.0	1.1			G3/500
BL	(0°-30°)	1476.6	5.8	B3/2500		
BM	(30°-60°)	3022.6	11.9	B3/5000		
BH	(60°-80°)	1719.6	6.8	B3/2500		G3/2500
BVH	(80°-90°)	130.1	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-G3

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0°	4557.3	4557.3	4557.3	4557.3	4557.3	4557.3	4557.3	4557.3	4557.3	4557.3	4557.3
2.5°	4873.7	4857.1	4795.8	4772.6	4756.1	4779.3	4737.9	4731.2	4718.0	4737.9	4684.8
5°	5089.1	5085.7	5027.8	5007.9	4971.4	4974.8	4961.5	4926.7	4900.2	4893.6	4870.4
7.5°	5317.7	5269.6	5223.2	5203.4	5128.8	5135.4	5082.4	5095.7	5051.0	5047.6	4994.6
10°	5552.9	5529.7	5451.9	5422.0	5327.6	5324.3	5284.5	5263.0	5249.7	5190.1	5161.9
12.5°	5781.5	5748.4	5660.6	5634.1	5533.0	5533.0	5513.1	5478.4	5435.3	5405.5	5344.2
15°	5957.1	5943.9	5849.4	5819.6	5748.4	5708.6	5702.0	5667.2	5644.0	5620.8	5582.7
17.5°	6179.1	6165.8	6074.7	6038.3	5993.6	5977.0	5930.6	5902.4	5869.3	5809.7	5819.6
20°	6300.0	6290.1	6215.5	6185.7	6172.5	6172.5	6132.7	6091.3	6091.3	6051.5	6058.2
22.5°	6300.0	6319.9	6273.5	6329.8	6367.9	6387.8	6387.8	6354.7	6323.2	6306.7	6293.4
25°	6374.6	6367.9	6371.3	6452.4	6576.7	6596.6	6616.4	6629.7	6593.2	6583.3	6570.1
27.5°	6286.8	6293.4	6351.4	6560.1	6818.5	6899.7	6906.3	6939.5	6883.1	6959.4	6899.7
30°	6313.3	6323.2	6421.0	6687.7	7057.1	7181.3	7249.3	7275.8	7222.8	7317.2	7249.3
32.5°	6225.5	6237.1	6364.6	6717.5	7212.8	7431.5	7539.2	7633.6	7552.4	7728.0	7640.2
35°	5924.0	5947.2	6136.0	6606.5	7285.7	7565.7	7728.0	7829.1	7810.8	8090.8	8032.8
37.5°	5552.9	5576.1	5875.9	6449.1	7313.9	7673.3	7895.3	8097.4	8114.0	8427.1	8505.0
40°	5284.5	5321.0	5620.8	6247.0	7259.2	7747.9	8064.3	8339.3	8407.2	8905.9	9010.2
42.5°	4920.1	4968.1	5200.0	5895.8	7085.3	7640.2	8022.9	8387.3	8579.5	9200.7	9369.7
45°	4616.9	4655.0	4896.9	5533.0	6869.9	7471.2	7956.6	8453.6	8703.7	9477.4	9715.9
47.5°	4234.3	4277.3	4530.8	5108.9	6445.8	7135.0	7706.5	8319.4	8592.8	9558.5	9934.6
50°	3258.5	3308.2	4075.2	4782.6	5957.1	6710.9	7396.7	8044.4	8397.3	9558.5	9986.0
52.5°	2935.5	2975.2	3197.2	4436.4	5422.0	6132.7	6851.7	7627.0	8026.2	9343.2	9865.0
55°	2753.3	2763.2	2904.0	3719.1	4949.9	5478.4	6126.1	6939.5	7421.5	8884.3	9527.1
57.5°	2632.3	2652.2	2746.6	3167.4	4540.7	4926.7	5405.5	6003.5	6525.3	8016.3	8783.3
60°	2470.0	2504.8	2612.4	2900.7	4068.6	4394.9	4792.5	5243.1	5539.7	6831.8	7575.6
62.5°	2315.9	2332.5	2403.7	2678.7	3682.6	3970.9	4260.8	4583.8	4842.2	5693.7	6440.8
65°	2133.7	2156.9	2251.3	2504.8	3419.2	3715.7	3924.5	4153.1	4345.2	5034.4	5509.8
67.5°	1905.1	1968.0	2049.2	2274.5	3028.3	3372.8	3480.5	3676.0	3833.4	4315.4	4746.1
70°	1722.9	1726.2	1843.8	2019.4	2541.2	2942.1	3049.8	3157.5	3295.0	3654.4	4015.6
72.5°	1406.4	1457.8	1558.9	1693.0	2090.6	2463.4	2537.9	2645.6	2756.6	2942.1	3207.2
75°	1184.5	1225.9	1295.5	1426.3	1699.7	1891.8	2107.2	2133.7	2198.3	2201.6	2407.0
77.5°	612.9	646.1	727.2	825.0	1076.8	1158.0	1393.2	1373.3	1416.4	1333.6	1507.5
80°	175.6	265.1	505.3	571.5	672.6	685.8	720.6	679.2	669.3	666.0	743.8
82.5°	107.7	140.8	316.4	362.8	404.2	316.4	248.5	208.7	208.7	195.5	205.4
85°	74.5	97.7	107.7	144.1	134.2	107.7	107.7	107.7	107.7	74.5	101.1
87.5°	39.8	33.1	36.4	39.8	39.8	6.6	13.3	33.1	23.2	0.0	9.9
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°	67.5°	70°	72.5°	75°	77.5°
0°	4557.3	4557.3	4557.3	4557.3	4557.3	4557.3	4557.3	4557.3	4557.3	4557.3	4557.3
2.5°	4678.2	4668.3	4651.7	4658.3	4610.3	4635.2	4630.2	4607.0	4651.7	4600.4	4597.0
5°	4838.9	4822.3	4759.4	4759.4	4698.1	4724.6	4678.2	4701.4	4698.1	4671.6	4610.3
7.5°	5001.3	4988.0	4906.8	4923.4	4838.9	4847.2	4772.6	4782.6	4766.0	4759.4	4684.8
10°	5108.9	5105.6	5062.6	5062.6	4981.4	4984.7	4900.2	4896.9	4832.3	4829.0	4799.2
12.5°	5304.4	5256.4	5216.6	5196.7	5142.1	5132.1	5047.6	5001.3	4940.0	4930.0	4920.1
15°	5533.0	5523.1	5478.4	5448.5	5392.2	5370.7	5277.9	5233.2	5122.2	5112.2	5089.1
17.5°	5755.0	5745.1	5693.7	5698.7	5627.5	5607.6	5526.4	5441.9	5337.5	5321.0	5291.2
20°	6018.4	5990.2	5977.0	5957.1	5895.8	5869.3	5755.0	5667.2	5572.8	5539.7	5418.7
22.5°	6280.1	6263.6	6273.5	6228.8	6218.9	6152.6	6097.9	5970.4	5882.6	5791.5	5673.8
25°	6609.8	6576.7	6576.7	6515.4	6515.4	6434.2	6387.8	6286.8	6225.5	6121.1	6038.3
27.5°	6952.7	6899.7	6952.7	6896.4	6913.0	6821.9	6831.8	6710.9	6730.7	6541.9	6488.9
30°	7370.2	7310.6	7383.4	7340.4	7458.0	7373.5	7512.7	7418.2	7477.9	7255.9	7236.0
32.5°	7829.1	7791.0	7989.8	7918.5	8198.5	8155.4	8440.3	8339.3	8629.2	8364.1	8420.5
35°	8292.9	8259.8	8675.6	8669.0	9134.5	9194.1	9719.2	9581.7	9881.6	9542.0	9503.9
37.5°	8864.4	8867.7	9363.1	9484.0	10198.0	10282.5	10830.8	10658.5	10965.0	10590.6	10635.3
40°	9490.6	9568.5	10178.1	10378.6	11268.2	11349.3	11947.4	11725.4	11846.3	11453.7	11442.1
42.5°	10002.5	10171.5	10925.2	11213.5	12210.8	12277.0	12714.4	12533.8	12586.8	12354.9	12182.6
45°	10574.0	10802.7	11732.0	12031.8	13065.6	13138.4	13610.6	13378.7	13441.6	13213.0	13024.1
47.5°	10984.9	11254.9	12432.7	12697.8	13878.9	13892.2	14390.8	14104.2	14296.4	13980.0	13839.2
50°	11288.0	11685.6	13092.1	13372.0	14639.3	14639.3	15138.0	14834.8	15084.9	14667.5	14660.9
52.5°	11422.2	11963.9	13590.7	13923.7	15401.4	15353.3	15832.1	15470.9	15689.6	15252.3	15171.1
55°	11281.4	12041.8	13973.4	14511.8	15992.8	15875.1	16269.4	15999.4	16107.1	15807.2	15568.7
57.5°	10762.9	11816.5	14195.4	14896.1	16436.7	16387.0	16599.1	16461.6	16416.8	16234.6	15953.0
60°	9719.2	11140.6	14074.4	15111.5	16579.2	16683.6	16955.2	16850.9	16827.7	16632.2	16370.5
62.5°	8319.4	10052.2	13226.2	14713.9	16397.0	16642.1	17029.8	17019.8	17104.3	16902.2	16706.8
65°	7101.8	9124.5	12628.2	14468.7	15953.0	16335.7	16847.6	16915.5	17016.5	16981.7	16814.4
67.5°	5930.6	7451.4	11463.6	13852.4	15711.1	15996.1	16256.2	16416.8	16511.3	16423.5	16256.2
70°	4838.9	5856.1	9315.0	11901.0	14129.1	14785.1	15164.5	15353.3	15535.5	15512.3	15157.8
72.5°	3614.7	4192.8	6044.9	8299.5	11327.8	12600.1	13239.5	13966.7	14539.9	14384.2	14115.8
75°	2571.0	2890.8	3702.5	4974.8	7154.8	9513.8	11483.5	12469.2	12843.6	12987.7	12419.5
77.5°	1514.1	1777.5	2166.8	2857.6	4207.7	5115.6	6293.4	8407.2	9450.9	10348.7	9962.8
80°	828.3	909.5	995.6	1265.6	1784.2	2093.9	2443.5	3063.0	3755.5	4630.2	5075.8
82.5°	228.6	316.4	342.9	492.0	786.9	1037.0	1278.9	1689.7	1951.5	2257.9	2430.2
85°	94.4	120.9	81.2	157.4	316.4	515.2	578.2	838.2	922.7	1096.7	1090.0
87.5°	6.6	26.5	0.0	9.9	0.0	29.8	0.0	19.9	0.0	9.9	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):

	80°	82.5°	85°	87.5°	90°	95°	100°	102.5°	105°	107.5°	110°
0°	4557.3	4557.3	4557.3	4557.3	4557.3	4557.3	4557.3	4557.3	4557.3	4557.3	4557.3
2.5°	4544.0	4570.5	4550.7	4557.3	4567.2	4515.9	4489.4	4476.1	4476.1	4482.7	4466.2
5°	4577.2	4577.2	4563.9	4522.5	4547.4	4496.0	4452.9	4408.2	4398.3	4394.9	4398.3
7.5°	4671.6	4630.2	4607.0	4563.9	4554.0	4462.9	4408.2	4355.2	4355.2	4328.7	4335.3
10°	4718.0	4684.8	4658.3	4563.9	4544.0	4466.2	4378.4	4348.6	4307.1	4260.8	4244.2
12.5°	4792.5	4746.1	4698.1	4610.3	4563.9	4452.9	4368.4	4287.3	4224.3	4146.5	4159.7
15°	4964.8	4880.3	4867.1	4752.8	4684.8	4527.5	4381.7	4293.9	4254.1	4159.7	4133.2
17.5°	5170.2	5075.8	5007.9	4893.6	4812.4	4600.4	4414.8	4287.3	4244.2	4146.5	4098.4
20°	5344.2	5269.6	5152.0	5021.1	4916.8	4665.0	4439.7	4328.7	4237.6	4113.3	4032.2
22.5°	5566.2	5478.4	5327.6	5249.7	5082.4	4805.8	4482.7	4328.7	4274.0	4106.7	3984.1
25°	5852.7	5721.9	5576.1	5425.3	5259.7	4903.5	4547.4	4414.8	4240.9	4045.4	3984.1
27.5°	6270.2	6111.2	5889.2	5715.3	5496.6	5047.6	4671.6	4436.4	4270.7	4113.3	3911.2
30°	6959.4	6851.7	6522.0	6319.9	5960.4	5297.8	4782.6	4530.8	4310.5	4058.7	3869.8
32.5°	8087.5	7956.6	7595.5	7317.2	6893.1	6091.3	5082.4	4678.2	4325.4	4025.5	3793.6
35°	9218.9	8939.0	8551.3	8352.5	7824.1	6896.4	5771.6	5142.1	4600.4	4012.3	3671.0
37.5°	10198.0	9894.8	9568.5	9108.0	8723.6	7522.6	6421.0	5702.0	5014.5	4207.7	3661.1
40°	10958.4	10910.3	10365.3	10055.5	9628.1	8400.6	6903.0	6253.6	5350.8	4381.7	3762.1
42.5°	11718.7	11604.4	11095.9	10802.7	10090.3	8932.4	7512.7	6205.6	5486.6	4355.2	3699.2
45°	12631.5	12338.3	12021.9	11375.8	10961.7	9477.4	7608.7	6596.6	5556.2	4361.8	3657.8
47.5°	13378.7	12971.1	12613.3	12035.2	11654.1	10159.9	7943.4	6528.6	5556.2	4280.6	3382.8
50°	14067.8	13812.7	13252.8	12815.4	12185.9	10537.6	8152.1	6570.1	5513.1	3924.5	3039.9
52.5°	14650.9	14452.1	13809.4	13353.8	12651.4	10837.4	8148.8	6475.6	5206.7	3406.0	2524.6
55°	15202.6	14848.1	14374.3	13705.0	13176.6	11140.6	8123.9	6058.2	4724.6	2854.3	2100.6
57.5°	15669.7	15278.8	14805.0	14107.6	13604.0	11342.7	8047.7	5735.1	4156.4	2430.2	1752.7
60°	16057.4	15731.0	15151.2	14491.9	13825.9	11422.2	7696.5	5041.0	3631.3	1964.7	1497.6
62.5°	16373.8	16006.0	15373.2	14639.3	13940.2	11349.3	7245.9	4443.0	3099.5	1601.9	1229.2
65°	16494.7	16107.1	15502.4	14687.4	13822.6	11008.1	6576.7	3762.1	2544.5	1312.0	1060.2
67.5°	16012.6	15467.6	14977.3	14094.3	13203.1	10211.2	5930.6	3089.5	1951.5	969.1	887.9
70°	14916.0	14357.7	13895.5	12957.9	12008.7	9086.4	5193.4	2254.6	1403.1	780.3	763.7
72.5°	13885.6	13024.1	12505.6	11220.1	10466.4	7797.6	4095.1	1601.9	939.3	593.1	555.0
75°	12315.1	11422.2	11042.9	9833.5	9056.6	6225.5	2981.9	1124.8	694.1	485.4	477.1
77.5°	10113.5	8932.4	9003.6	7820.8	7060.4	4479.4	1992.9	672.6	453.9	283.3	283.3
80°	5654.0	5014.5	5398.8	4678.2	4583.8	2812.9	1141.4	384.3	270.0	140.8	114.3
82.5°	2642.3	2410.3	2625.7	2349.1	2274.5	1356.8	467.2	154.1	134.2	74.5	71.2
85°	1235.8	1008.9	1070.2	894.6	912.8	410.8	117.6	13.3	61.3	46.4	46.4
87.5°	19.9	0.0	13.3	0.0	16.6	19.9	16.6	0.0	13.3	13.3	9.9
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):

	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	135°	145°	155°
0°	4557.3	4557.3	4557.3	4557.3	4557.3	4557.3	4557.3	4557.3	4557.3	4557.3	4557.3
2.5°	4462.9	4459.6	4429.7	4426.4	4408.2	4408.2	4423.1	4385.0	4375.1	4391.6	4408.2
5°	4408.2	4388.3	4341.9	4345.2	4322.1	4322.1	4307.1	4270.7	4234.3	4250.8	4217.7
7.5°	4322.1	4280.6	4221.0	4214.4	4173.0	4173.0	4139.8	4116.6	4085.2	4052.0	4045.4
10°	4199.5	4179.6	4133.2	4106.7	4078.5	4052.0	4025.5	3987.4	3911.2	3894.7	3843.3
12.5°	4113.3	4103.4	4032.2	3980.8	3924.5	3879.7	3830.0	3793.6	3732.3	3661.1	3604.7
15°	4091.8	4052.0	3964.2	3937.7	3856.6	3816.8	3762.1	3695.9	3584.9	3516.9	3429.2
17.5°	3984.1	3967.5	3883.1	3859.9	3748.9	3699.2	3614.7	3556.7	3455.7	3351.3	3275.1
20°	3931.1	3863.2	3755.5	3722.4	3608.1	3553.4	3493.8	3399.3	3295.0	3160.8	3043.2
22.5°	3883.1	3783.7	3641.2	3608.1	3487.1	3435.8	3311.5	3251.9	3132.6	2945.4	2837.7
25°	3796.9	3676.0	3507.0	3445.7	3298.3	3237.0	3082.9	3011.7	2860.9	2692.0	2541.2
27.5°	3722.4	3618.0	3392.7	3288.3	3144.2	3039.9	2907.3	2799.6	2600.9	2382.2	2238.1
30°	3647.8	3455.7	3251.9	3119.4	2894.1	2793.0	2597.5	2511.4	2306.0	2072.4	1976.3
32.5°	3493.8	3314.8	3028.3	2884.1	2639.0	2528.0	2349.1	2180.1	1958.1	1817.3	1719.5
35°	3351.3	3144.2	2819.5	2635.6	2349.1	2238.1	1999.5	1885.2	1659.9	1555.5	1454.5
37.5°	3203.9	2952.1	2571.0	2385.5	2019.4	1931.6	1736.1	1648.3	1487.6	1322.0	1275.6
40°	3082.9	2756.6	2368.9	2113.8	1810.7	1663.2	1555.5	1497.6	1360.1	1138.1	1128.1
42.5°	2894.1	2483.2	2006.1	1784.2	1494.2	1409.8	1305.4	1265.6	1124.8	955.9	1030.4
45°	2698.6	2211.6	1716.2	1507.5	1333.6	1242.4	1131.5	1093.4	989.0	989.0	1086.7
47.5°	2322.5	1840.5	1366.7	1242.4	1109.9	1073.5	1023.8	952.5	912.8	962.5	1030.4
50°	1865.3	1464.4	1164.6	1103.3	1043.7	1027.1	1023.8	1008.9	965.8	992.3	1023.8
52.5°	1494.2	1232.5	1158.0	1109.9	1096.7	1070.2	1083.4	1040.3	1013.8	1008.9	1040.3
55°	1278.9	1141.4	1124.8	1131.5	1109.9	1100.0	1090.0	1060.2	1053.6	1040.3	1037.0
57.5°	1138.1	1148.0	1076.8	1106.6	1096.7	1106.6	1096.7	1086.7	1027.1	1131.5	1056.9
60°	1116.5	1080.1	1030.4	1047.0	1050.3	1060.2	1056.9	1043.7	1008.9	1040.3	1033.7
62.5°	1070.2	1013.8	989.0	982.4	1002.2	992.3	1023.8	998.9	1020.5	992.3	995.6
65°	989.0	965.8	955.9	955.9	982.4	972.4	989.0	982.4	985.7	969.1	929.3
67.5°	861.4	854.8	861.4	864.7	894.6	904.5	942.6	916.1	909.5	909.5	848.2
70°	740.5	750.4	747.1	757.1	793.5	851.5	868.1	868.1	881.3	887.9	815.0
72.5°	558.3	558.3	564.9	574.8	612.9	656.0	747.1	740.5	776.9	786.9	743.8
75°	444.0	430.7	450.6	463.8	485.4	485.4	571.5	596.4	679.2	652.7	616.3
77.5°	248.5	265.1	255.1	255.1	261.7	289.9	356.2	336.3	424.1	561.6	555.0
80°	114.3	124.2	127.6	124.2	114.3	182.2	222.0	215.4	286.6	444.0	525.1
82.5°	81.2	64.6	54.7	67.9	54.7	84.5	120.9	101.1	104.4	286.6	561.6
85°	54.7	49.7	46.4	58.0	33.1	71.2	74.5	84.5	71.2	124.2	482.1
87.5°	0.0	23.2	0.0	9.9	0.0	9.9	6.6	19.9	0.0	33.1	225.3
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):

	165°	175°	180°
0°	4557.3	4557.3	4557.3
2.5°	4418.1	4418.1	4429.7
5°	4217.7	4214.4	4214.4
7.5°	4048.7	4045.4	4038.8
10°	3816.8	3800.2	3816.8
12.5°	3581.6	3618.0	3601.4
15°	3422.5	3442.4	3419.2
17.5°	3210.5	3210.5	3223.7
20°	2962.0	2920.6	2927.2
22.5°	2776.5	2723.4	2759.9
25°	2531.3	2486.5	2463.4
27.5°	2211.6	2176.8	2140.3
30°	1895.1	1872.0	1850.4
32.5°	1628.4	1585.4	1588.7
35°	1376.6	1336.9	1305.4
37.5°	1181.2	1167.9	1204.3
40°	1090.0	1103.3	1116.5
42.5°	1037.0	1060.2	1023.8
45°	1086.7	1113.2	1096.7
47.5°	1080.1	1134.8	1124.8
50°	1100.0	1138.1	1116.5
52.5°	1073.5	1083.4	1063.5
55°	1030.4	1002.2	989.0
57.5°	1013.8	952.5	901.2
60°	932.7	884.6	834.9
62.5°	926.0	848.2	821.7
65°	844.9	801.8	786.9
67.5°	733.9	707.4	700.7
70°	714.0	669.3	652.7
72.5°	581.5	501.9	485.4
75°	515.2	457.2	424.1
77.5°	528.5	593.1	558.3
80°	646.1	424.1	410.8
82.5°	482.1	265.1	270.0
85°	280.0	202.1	208.7
87.5°	147.4	94.4	107.7
90°	0.0	0.0	0.0

(END OF REPORT)