

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: P189793

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P189793
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-AP
Description: VERDEON-M ROADWAY AND AREA LUMINAIRE
(4) 70 CRI, 4000K 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: 26419 lumens
Efficiency: N/A
Efficacy: 125.8 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

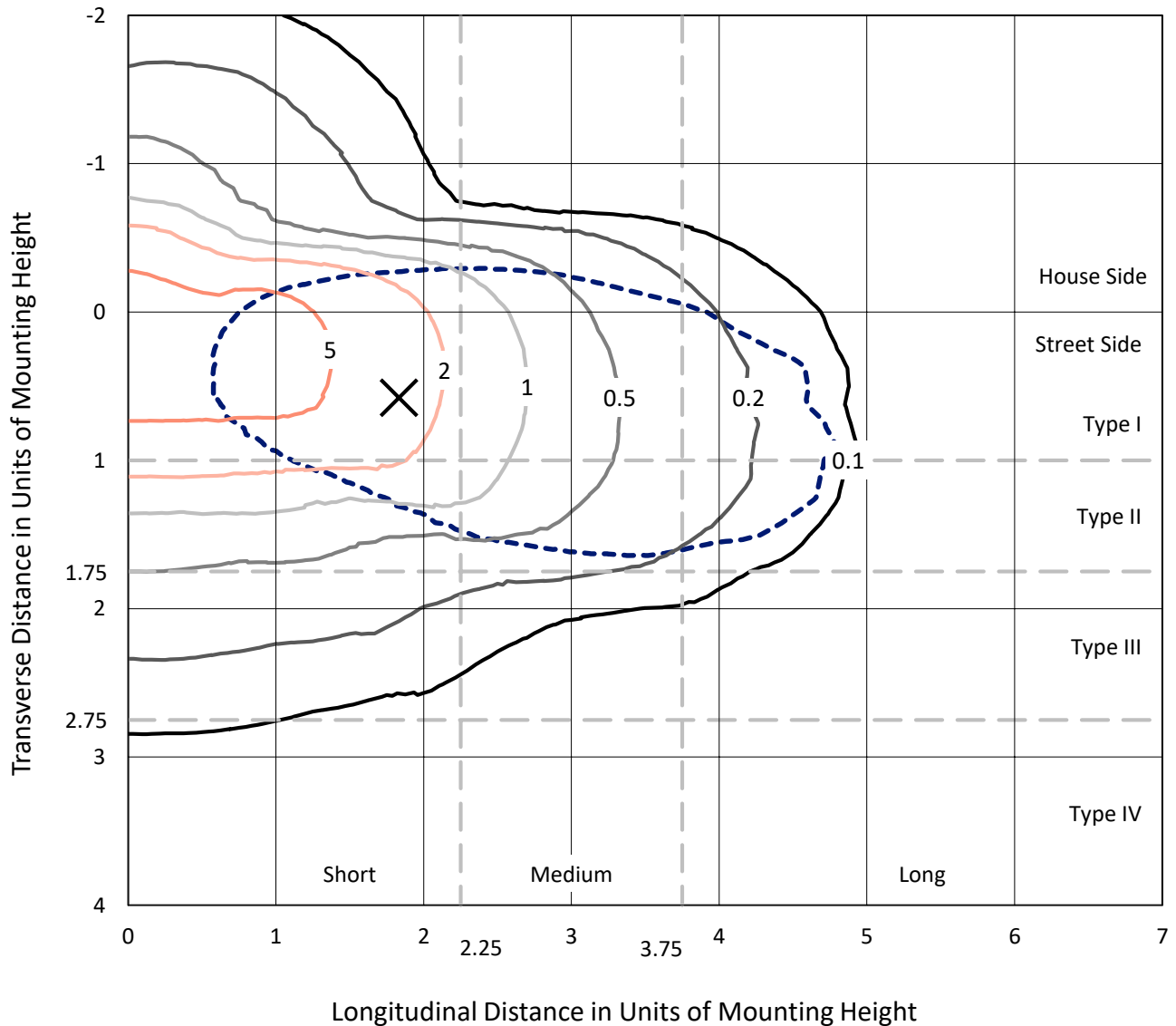
Input Watts (W): 210
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

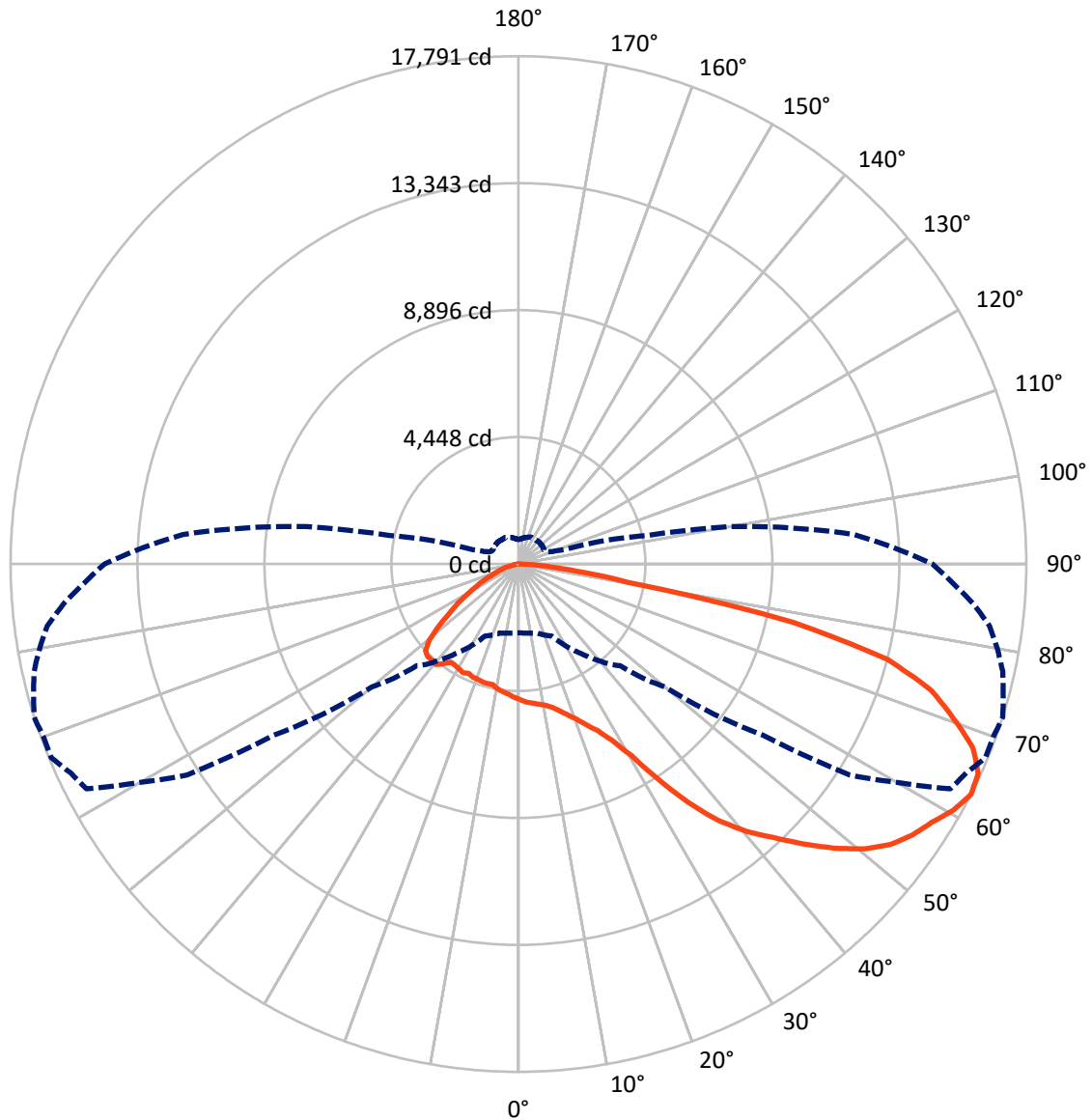


Based on 25 foot mounting height. Maximum calculated value = 9 fc
 Type II - Short - Non-Cutoff

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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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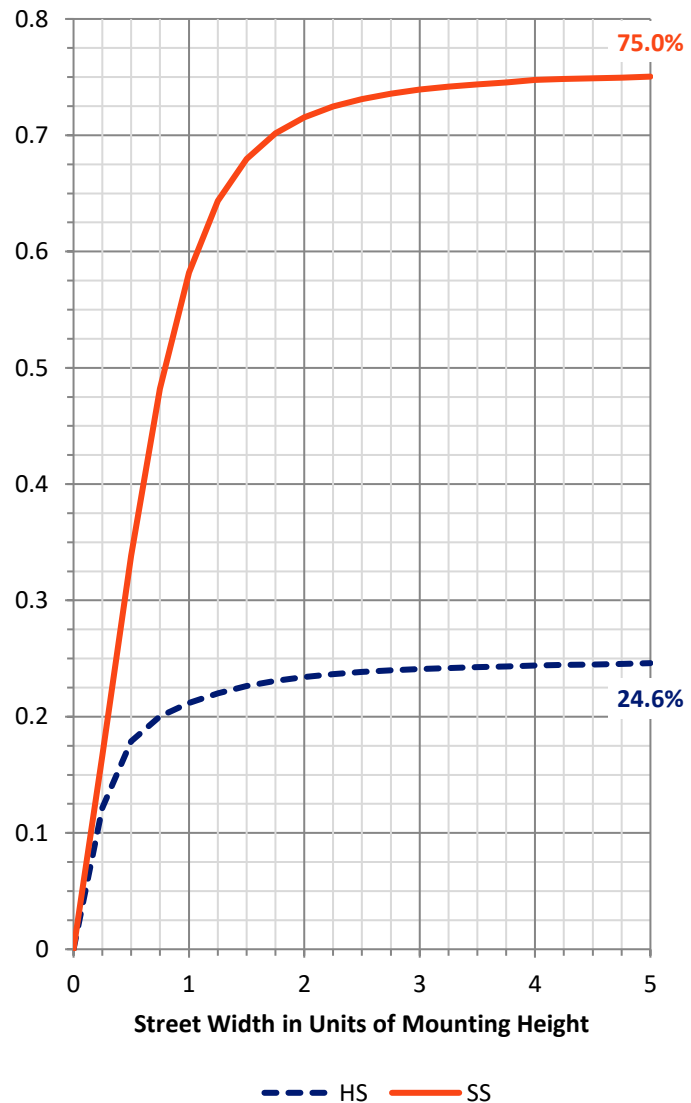
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6604.0	0.0	6604.0
	% Fixture	25.0	0.0	25.0
Street Side	Lumens	19815.0	0.0	19815.0
	% Fixture	75.0	0.0	75.0
Total	Lumens	26419.0	0.0	26419.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	455.2	1.7
10°-20°	1376.0	5.2
20°-30°	2313.8	8.8
30°-40°	3427.5	13.0
40°-50°	4630.0	17.5
50°-60°	5358.1	20.3
60°-70°	5240.3	19.8
70°-80°	3193.6	12.1
80°-90°	424.5	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°	26419.0	100.0
0°-180°	26419.0	100.0



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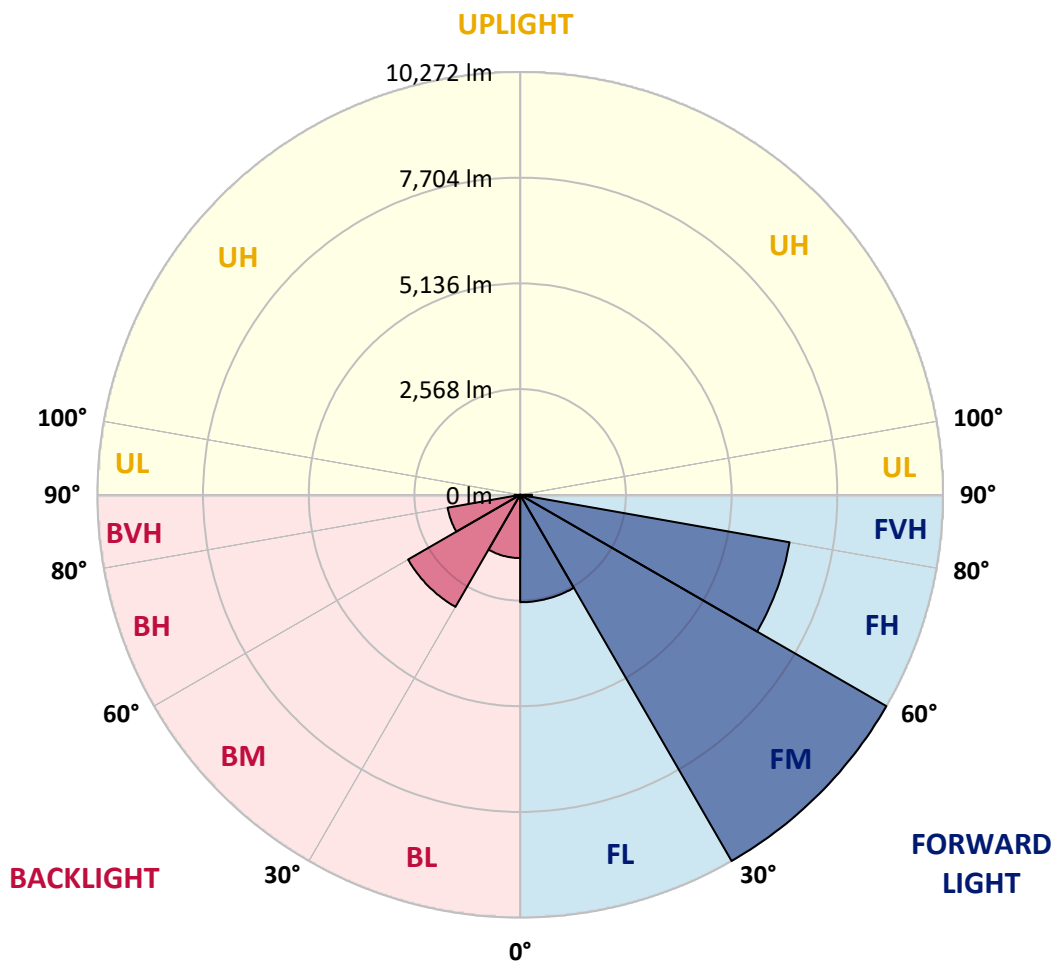
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2609.1	9.9			
FM	(30°-60°)	10271.5	38.9			
FH	(60°-80°)	6645.2	25.2			G3/7500
FVH	(80°-90°)	289.2	1.1			G3/500
BL	(0°-30°)	1535.9	5.8	B3/2500		
BM	(30°-60°)	3144.0	11.9	B3/5000		
BH	(60°-80°)	1788.7	6.8	B3/2500		G3/2500
BVH	(80°-90°)	135.4	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°	4740.3	4740.3	4740.3	4740.3	4740.3	4740.3	4740.3	4740.3	4740.3	4740.3	4740.3
2.5°	5069.4	5052.2	4988.4	4964.3	4947.1	4971.2	4928.1	4921.2	4907.5	4928.1	4873.0
5°	5293.4	5290.0	5229.7	5209.0	5171.1	5174.5	5160.7	5124.6	5097.0	5090.1	5066.0
7.5°	5531.2	5481.2	5433.0	5412.3	5334.8	5341.7	5286.5	5300.3	5253.8	5250.4	5195.2
10°	5775.9	5751.8	5670.8	5639.8	5541.6	5538.1	5496.8	5474.4	5460.6	5398.5	5369.2
12.5°	6013.7	5979.2	5887.9	5860.3	5755.2	5755.2	5734.5	5698.4	5653.6	5622.5	5558.8
15°	6196.3	6182.6	6084.3	6053.3	5979.2	5937.9	5931.0	5894.8	5870.7	5846.6	5806.9
17.5°	6427.2	6413.5	6318.7	6280.8	6234.3	6217.0	6168.8	6139.5	6105.0	6043.0	6053.3
20°	6553.0	6542.7	6465.2	6434.1	6420.4	6420.4	6379.0	6335.9	6335.9	6294.6	6301.5
22.5°	6553.0	6573.7	6525.5	6584.0	6623.7	6644.4	6644.4	6609.9	6577.2	6559.9	6546.1
25°	6630.6	6623.7	6627.1	6711.6	6840.8	6861.5	6882.1	6895.9	6858.0	6847.7	6833.9
27.5°	6539.2	6546.1	6606.4	6823.6	7092.4	7176.8	7183.7	7218.2	7159.6	7238.8	7176.8
30°	6566.8	6577.2	6678.8	6956.2	7340.5	7469.7	7540.4	7567.9	7512.8	7611.0	7540.4
32.5°	6475.5	6487.6	6620.2	6987.3	7502.5	7729.9	7841.9	7940.1	7855.7	8038.4	7947.0
35°	6161.9	6186.0	6382.4	6871.8	7578.3	7869.5	8038.4	8143.5	8124.5	8415.7	8355.4
37.5°	5775.9	5800.0	6111.9	6708.1	7607.6	7981.5	8212.4	8422.6	8439.8	8765.5	8846.5
40°	5496.8	5534.7	5846.6	6497.9	7550.7	8059.0	8388.2	8674.2	8744.8	9263.5	9372.1
42.5°	5117.7	5167.6	5408.9	6132.6	7369.8	7947.0	8345.1	8724.2	8924.0	9570.2	9746.0
45°	4802.3	4842.0	5093.5	5755.2	7145.8	7771.3	8276.2	8793.1	9053.3	9858.0	10106.1
47.5°	4404.3	4449.1	4712.7	5314.1	6704.7	7421.5	8016.0	8653.5	8937.8	9942.4	10333.6
50°	3389.4	3441.1	4238.9	4974.7	6196.3	6980.4	7693.7	8367.5	8734.5	9942.4	10387.0
52.5°	3053.4	3094.7	3325.6	4614.5	5639.8	6379.0	7126.8	7933.3	8348.5	9718.4	10261.2
55°	2863.8	2874.2	3020.6	3868.4	5148.7	5698.4	6372.1	7218.2	7719.6	9241.1	9909.7
57.5°	2738.0	2758.7	2856.9	3294.6	4723.1	5124.6	5622.5	6244.6	6787.4	8338.2	9136.0
60°	2569.2	2605.4	2717.4	3017.2	4232.0	4571.4	4985.0	5453.7	5762.1	7106.2	7879.8
62.5°	2408.9	2426.2	2500.2	2786.3	3830.5	4130.3	4431.9	4767.9	5036.7	5922.4	6699.5
65°	2219.4	2243.5	2341.7	2605.4	3556.5	3865.0	4082.1	4319.9	4519.7	5236.6	5731.1
67.5°	1981.6	2047.1	2131.5	2365.8	3149.9	3508.3	3620.3	3823.6	3987.3	4488.7	4936.7
70°	1792.0	1795.5	1917.8	2100.5	2643.3	3060.3	3172.3	3284.3	3427.3	3801.2	4176.8
72.5°	1462.9	1516.3	1621.5	1761.0	2174.6	2562.3	2639.8	2751.8	2867.3	3060.3	3336.0
75°	1232.0	1275.1	1347.5	1483.6	1767.9	1967.8	2191.8	2219.4	2286.6	2290.0	2503.7
77.5°	637.6	672.0	756.5	858.1	1120.0	1204.5	1449.1	1428.5	1473.3	1387.1	1568.0
80°	182.7	275.7	525.6	594.5	699.6	713.4	749.6	706.5	696.1	692.7	773.7
82.5°	112.0	146.5	329.1	377.4	420.4	329.1	258.5	217.1	217.1	203.3	213.7
85°	77.5	101.7	112.0	149.9	139.6	112.0	112.0	112.0	112.0	77.5	105.1
87.5°	41.4	34.5	37.9	41.4	41.4	6.9	13.8	34.5	24.1	0.0	10.3
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):

	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0°	4740.3	4740.3	4740.3	4740.3	4740.3	4740.3	4740.3	4740.3	4740.3	4740.3	4740.3
2.5°	4866.1	4855.8	4838.5	4845.4	4795.4	4821.3	4816.1	4792.0	4838.5	4785.1	4781.7
5°	5033.2	5016.0	4950.5	4950.5	4886.8	4914.3	4866.1	4890.2	4886.8	4859.2	4795.4
7.5°	5202.1	5188.3	5103.9	5121.1	5033.2	5041.9	4964.3	4974.7	4957.4	4950.5	4873.0
10°	5314.1	5310.7	5265.9	5265.9	5181.4	5184.9	5097.0	5093.5	5026.3	5022.9	4991.9
12.5°	5517.4	5467.5	5426.1	5405.4	5348.6	5338.2	5250.4	5202.1	5138.3	5128.0	5117.7
15°	5755.2	5744.9	5698.4	5667.3	5608.8	5586.4	5489.9	5443.3	5327.9	5317.6	5293.4
17.5°	5986.1	5975.8	5922.4	5927.5	5853.4	5832.8	5748.3	5660.5	5551.9	5534.7	5503.7
20°	6260.1	6230.8	6217.0	6196.3	6132.6	6105.0	5986.1	5894.8	5796.6	5762.1	5636.3
22.5°	6532.4	6515.1	6525.5	6478.9	6468.6	6399.7	6342.8	6210.1	6118.8	6024.0	5901.7
25°	6875.3	6840.8	6840.8	6777.0	6777.0	6692.6	6644.4	6539.2	6475.5	6366.9	6280.8
27.5°	7231.9	7176.8	7231.9	7173.4	7190.6	7095.8	7106.2	6980.4	7001.0	6804.6	6749.5
30°	7666.2	7604.1	7680.0	7635.2	7757.5	7669.6	7814.4	7716.1	7778.2	7547.3	7526.6
32.5°	8143.5	8103.8	8310.6	8236.5	8527.7	8482.9	8779.3	8674.2	8975.7	8700.0	8758.6
35°	8625.9	8591.5	9024.0	9017.1	9501.3	9563.3	10109.6	9966.5	10278.4	9925.2	9885.5
37.5°	9220.4	9223.9	9739.1	9864.9	10607.5	10695.4	11265.8	11086.6	11405.3	11015.9	11062.4
40°	9871.8	9952.7	10586.9	10795.4	11720.7	11805.1	12427.2	12196.3	12322.0	11913.7	11901.6
42.5°	10404.2	10580.0	11364.0	11663.8	12701.1	12770.1	13225.0	13037.1	13092.3	12851.0	12671.8
45°	10998.7	11236.5	12203.1	12515.0	13590.3	13666.1	14157.2	13915.9	13981.4	13743.6	13547.2
47.5°	11426.0	11706.9	12932.0	13207.7	14436.3	14450.1	14968.8	14670.7	14870.5	14541.4	14395.0
50°	11741.3	12154.9	13617.8	13909.0	15227.2	15227.2	15745.9	15430.6	15690.7	15256.5	15249.6
52.5°	11880.9	12444.4	14136.5	14482.8	16019.9	15969.9	16467.9	16092.2	16319.7	15864.8	15780.3
55°	11734.5	12525.4	14534.5	15094.5	16635.0	16512.7	16922.8	16641.9	16753.9	16442.0	16193.9
57.5°	11195.1	12291.0	14765.4	15494.3	17096.8	17045.1	17265.7	17122.7	17076.1	16886.6	16593.7
60°	10109.6	11588.0	14639.6	15718.3	17245.0	17353.6	17636.1	17527.6	17503.5	17300.1	17027.9
62.5°	8653.5	10455.9	13757.4	15304.8	17055.5	17310.5	17713.7	17703.4	17791.2	17581.0	17377.7
65°	7387.0	9491.0	13135.4	15049.7	16593.7	16991.7	17524.1	17594.8	17699.9	17663.7	17489.7
67.5°	6168.8	7750.6	11924.0	14408.7	16342.1	16638.5	16909.0	17076.1	17174.4	17083.0	16909.0
70°	5033.2	6091.2	9689.1	12378.9	14696.5	15378.9	15773.5	15969.9	16159.4	16135.3	15766.6
72.5°	3759.9	4361.2	6287.7	8632.8	11782.7	13106.1	13771.2	14527.6	15123.8	14961.9	14682.7
75°	2674.3	3006.8	3851.2	5174.5	7442.2	9895.9	11944.7	12969.9	13359.4	13509.3	12918.2
77.5°	1574.9	1848.9	2253.8	2972.4	4376.7	5321.0	6546.1	8744.8	9830.4	10764.3	10362.9
80°	861.6	946.0	1035.6	1316.5	1855.8	2178.0	2541.6	3186.1	3906.3	4816.1	5279.6
82.5°	237.8	329.1	356.7	511.8	818.5	1078.7	1330.2	1757.6	2029.8	2348.6	2527.8
85°	98.2	125.8	84.4	163.7	329.1	535.9	601.4	871.9	959.8	1140.7	1133.8
87.5°	6.9	27.6	0.0	10.3	0.0	31.0	0.0	20.7	0.0	10.3	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°	4740.3	4740.3	4740.3	4740.3	4740.3	4740.3	4740.3	4740.3	4740.3	4740.3	4740.3
2.5°	4726.5	4754.1	4733.4	4740.3	4750.6	4697.2	4669.7	4655.9	4655.9	4662.8	4645.5
5°	4761.0	4761.0	4747.2	4704.1	4730.0	4676.6	4631.8	4585.2	4574.9	4571.4	4574.9
7.5°	4859.2	4816.1	4792.0	4747.2	4736.9	4642.1	4585.2	4530.1	4530.1	4502.5	4509.4
10°	4907.5	4873.0	4845.4	4747.2	4726.5	4645.5	4554.2	4523.2	4480.1	4431.9	4414.6
12.5°	4985.0	4936.7	4886.8	4795.4	4747.2	4631.8	4543.9	4459.4	4394.0	4313.0	4326.8
15°	5164.2	5076.3	5062.5	4943.6	4873.0	4709.3	4557.7	4466.3	4425.0	4326.8	4299.2
17.5°	5377.9	5279.6	5209.0	5090.1	5005.7	4785.1	4592.1	4459.4	4414.6	4313.0	4263.0
20°	5558.8	5481.2	5358.9	5222.8	5114.2	4852.3	4618.0	4502.5	4407.7	4278.5	4194.1
22.5°	5789.7	5698.4	5541.6	5460.6	5286.5	4998.8	4662.8	4502.5	4445.7	4271.6	4144.1
25°	6087.8	5951.7	5800.0	5643.2	5470.9	5100.4	4730.0	4592.1	4411.2	4207.9	4144.1
27.5°	6522.0	6356.6	6125.7	5944.8	5717.3	5250.4	4859.2	4614.5	4442.2	4278.5	4068.3
30°	7238.8	7126.8	6783.9	6573.7	6199.8	5510.5	4974.7	4712.7	4483.6	4221.6	4025.2
32.5°	8412.3	8276.2	7900.5	7611.0	7169.9	6335.9	5286.5	4866.1	4499.1	4187.2	3945.9
35°	9589.2	9298.0	8894.8	8688.0	8138.3	7173.4	6003.4	5348.6	4785.1	4173.4	3818.4
37.5°	10607.5	10292.2	9952.7	9473.7	9074.0	7824.7	6678.8	5931.0	5215.9	4376.7	3808.1
40°	11398.4	11348.5	10781.6	10459.3	10014.8	8737.9	7180.2	6504.8	5565.7	4557.7	3913.2
42.5°	12189.4	12070.5	11541.5	11236.5	10495.5	9291.1	7814.4	6454.8	5707.0	4530.1	3847.7
45°	13138.8	12833.8	12504.7	11832.7	11401.9	9858.0	7914.3	6861.5	5779.3	4537.0	3804.7
47.5°	13915.9	13492.0	13119.8	12518.5	12122.2	10567.9	8262.4	6790.8	5779.3	4452.5	3518.6
50°	14632.7	14367.4	13785.0	13330.1	12675.3	10960.8	8479.5	6833.9	5734.5	4082.1	3161.9
52.5°	15239.3	15032.5	14363.9	13890.1	13159.5	11272.7	8476.0	6735.7	5415.8	3542.7	2626.0
55°	15813.1	15444.3	14951.5	14255.4	13705.7	11588.0	8450.2	6301.5	4914.3	2968.9	2184.9
57.5°	16299.0	15892.3	15399.5	14674.1	14150.3	11798.2	8370.9	5965.4	4323.3	2527.8	1823.1
60°	16702.2	16362.8	15759.7	15073.9	14381.2	11880.9	8005.6	5243.5	3777.1	2043.6	1557.7
62.5°	17031.3	16648.8	15990.6	15227.2	14500.1	11805.1	7536.9	4621.4	3224.0	1666.3	1278.6
65°	17157.1	16753.9	16125.0	15277.2	14377.7	11450.1	6840.8	3913.2	2646.7	1364.7	1102.8
67.5°	16655.7	16088.8	15578.7	14660.3	13733.3	10621.3	6168.8	3213.6	2029.8	1008.0	923.6
70°	15515.0	14934.3	14453.5	13478.3	12490.9	9451.3	5402.0	2345.2	1459.5	811.6	794.4
72.5°	14443.2	13547.2	13007.8	11670.7	10886.7	8110.7	4259.6	1666.3	977.0	616.9	577.2
75°	12809.7	11880.9	11486.3	10228.4	9420.3	6475.5	3101.6	1170.0	722.0	504.9	496.3
77.5°	10519.7	9291.1	9365.2	8134.9	7343.9	4659.3	2072.9	699.6	472.1	294.7	294.7
80°	5881.0	5215.9	5615.7	4866.1	4767.9	2925.9	1187.2	399.8	280.9	146.5	118.9
82.5°	2748.4	2507.1	2731.1	2443.4	2365.8	1411.2	485.9	160.3	139.6	77.5	74.1
85°	1285.4	1049.4	1113.1	930.5	949.4	427.3	122.3	13.8	63.8	48.2	48.2
87.5°	20.7	0.0	13.8	0.0	17.2	20.7	17.2	0.0	13.8	13.8	10.3
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):

	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	135°	145°	155°
0°	4740.3	4740.3	4740.3	4740.3	4740.3	4740.3	4740.3	4740.3	4740.3	4740.3	4740.3
2.5°	4642.1	4638.6	4607.6	4604.2	4585.2	4585.2	4600.7	4561.1	4550.8	4568.0	4585.2
5°	4585.2	4564.5	4516.3	4519.7	4495.6	4495.6	4480.1	4442.2	4404.3	4421.5	4387.1
7.5°	4495.6	4452.5	4390.5	4383.6	4340.5	4340.5	4306.1	4282.0	4249.2	4214.8	4207.9
10°	4368.1	4347.4	4299.2	4271.6	4242.3	4214.8	4187.2	4147.6	4068.3	4051.1	3997.6
12.5°	4278.5	4268.2	4194.1	4140.7	4082.1	4035.6	3983.9	3945.9	3882.2	3808.1	3749.5
15°	4256.1	4214.8	4123.4	4095.9	4011.4	3970.1	3913.2	3844.3	3728.8	3658.2	3566.9
17.5°	4144.1	4126.9	4039.0	4014.9	3899.4	3847.7	3759.9	3699.5	3594.4	3485.9	3406.6
20°	4089.0	4018.3	3906.3	3871.9	3753.0	3696.1	3634.1	3535.8	3427.3	3287.7	3165.4
22.5°	4039.0	3935.6	3787.4	3753.0	3627.2	3573.8	3444.5	3382.5	3258.4	3063.7	2951.7
25°	3949.4	3823.6	3647.8	3584.1	3430.7	3367.0	3206.7	3132.6	2975.8	2800.1	2643.3
27.5°	3871.9	3763.3	3529.0	3420.4	3270.5	3161.9	3024.1	2912.1	2705.3	2477.8	2327.9
30°	3794.3	3594.4	3382.5	3244.6	3010.3	2905.2	2701.9	2612.3	2398.6	2155.6	2055.7
32.5°	3634.1	3448.0	3149.9	3000.0	2744.9	2629.5	2443.4	2267.6	2036.7	1890.3	1788.6
35°	3485.9	3270.5	2932.8	2741.5	2443.4	2327.9	2079.8	1960.9	1726.6	1618.0	1512.9
37.5°	3332.5	3070.6	2674.3	2481.3	2100.5	2009.2	1805.8	1714.5	1547.4	1375.1	1326.8
40°	3206.7	2867.3	2464.1	2198.7	1883.4	1730.0	1618.0	1557.7	1414.7	1183.8	1173.4
42.5°	3010.3	2583.0	2086.7	1855.8	1554.3	1466.4	1357.8	1316.5	1170.0	994.2	1071.8
45°	2807.0	2300.4	1785.2	1568.0	1387.1	1292.3	1176.9	1137.3	1028.7	1028.7	1130.4
47.5°	2415.8	1914.4	1421.6	1292.3	1154.5	1116.6	1064.9	990.8	949.4	1001.1	1071.8
50°	1940.2	1523.2	1211.4	1147.6	1085.6	1068.3	1064.9	1049.4	1004.6	1032.1	1064.9
52.5°	1554.3	1282.0	1204.5	1154.5	1140.7	1113.1	1126.9	1082.1	1054.6	1049.4	1082.1
55°	1330.2	1187.2	1170.0	1176.9	1154.5	1144.2	1133.8	1102.8	1095.9	1082.1	1078.7
57.5°	1183.8	1194.1	1120.0	1151.0	1140.7	1151.0	1140.7	1130.4	1068.3	1176.9	1099.4
60°	1161.4	1123.5	1071.8	1089.0	1092.5	1102.8	1099.4	1085.6	1049.4	1082.1	1075.2
62.5°	1113.1	1054.6	1028.7	1021.8	1042.5	1032.1	1064.9	1039.0	1061.4	1032.1	1035.6
65°	1028.7	1004.6	994.2	994.2	1021.8	1011.5	1028.7	1021.8	1025.3	1008.0	966.7
67.5°	896.0	889.1	896.0	899.5	930.5	940.8	980.5	952.9	946.0	946.0	882.2
70°	770.2	780.6	777.1	787.5	825.4	885.7	902.9	902.9	916.7	923.6	847.8
72.5°	580.7	580.7	587.6	597.9	637.6	682.4	777.1	770.2	808.1	818.5	773.7
75°	461.8	448.0	468.7	482.5	504.9	504.9	594.5	620.3	706.5	678.9	641.0
77.5°	258.5	275.7	265.4	265.4	272.3	301.5	370.5	349.8	441.1	584.1	577.2
80°	118.9	129.2	132.7	129.2	118.9	189.5	230.9	224.0	298.1	461.8	546.2
82.5°	84.4	67.2	56.9	70.6	56.9	87.9	125.8	105.1	108.6	298.1	584.1
85°	56.9	51.7	48.2	60.3	34.5	74.1	77.5	87.9	74.1	129.2	501.4
87.5°	0.0	24.1	0.0	10.3	0.0	10.3	6.9	20.7	0.0	34.5	234.3
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°	4740.3	4740.3	4740.3
2.5°	4595.6	4595.6	4607.6
5°	4387.1	4383.6	4383.6
7.5°	4211.3	4207.9	4201.0
10°	3970.1	3952.8	3970.1
12.5°	3725.4	3763.3	3746.1
15°	3560.0	3580.6	3556.5
17.5°	3339.4	3339.4	3353.2
20°	3080.9	3037.9	3044.8
22.5°	2888.0	2832.8	2870.7
25°	2632.9	2586.4	2562.3
27.5°	2300.4	2264.2	2226.3
30°	1971.3	1947.1	1924.7
32.5°	1693.8	1649.0	1652.5
35°	1431.9	1390.6	1357.8
37.5°	1228.6	1214.8	1252.7
40°	1133.8	1147.6	1161.4
42.5°	1078.7	1102.8	1064.9
45°	1130.4	1157.9	1140.7
47.5°	1123.5	1180.3	1170.0
50°	1144.2	1183.8	1161.4
52.5°	1116.6	1126.9	1106.2
55°	1071.8	1042.5	1028.7
57.5°	1054.6	990.8	937.4
60°	970.1	920.1	868.5
62.5°	963.2	882.2	854.7
65°	878.8	834.0	818.5
67.5°	763.3	735.8	728.9
70°	742.7	696.1	678.9
72.5°	604.8	522.1	504.9
75°	535.9	475.6	441.1
77.5°	549.7	616.9	580.7
80°	672.0	441.1	427.3
82.5°	501.4	275.7	280.9
85°	291.2	210.2	217.1
87.5°	153.4	98.2	112.0
90°	0.0	0.0	0.0

(END OF REPORT)