

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: P189828

Luminaire Tested: **VERD-M-A04-E-U-T3-AP**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P189828
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-A04-E-U-T3-AP
Description: VERDEON-M ROADWAY AND AREA LUMINAIRE
(4) 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: 29537 lumens
Efficiency: N/A
Efficacy: 119.6 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): 247
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

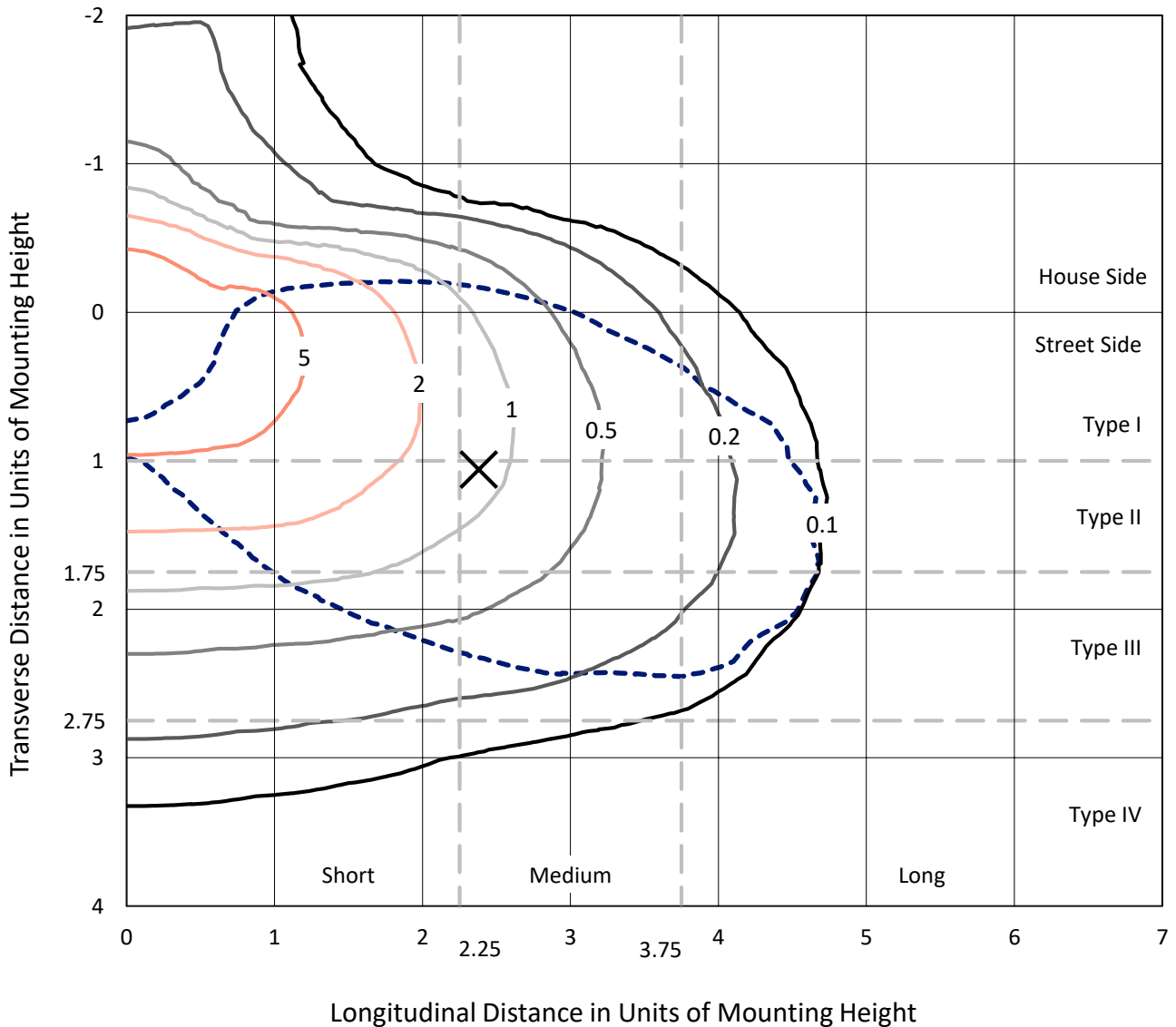


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

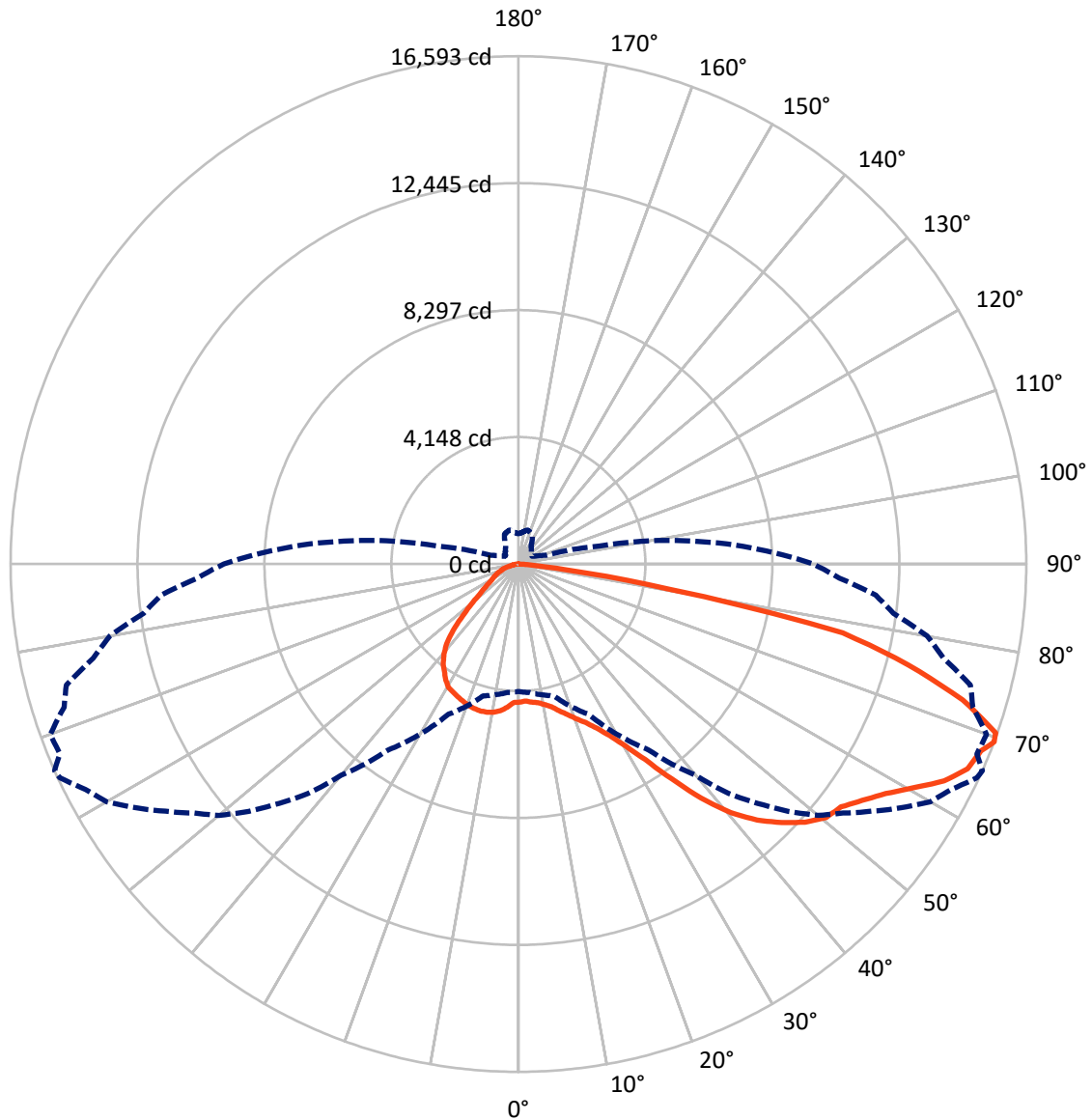


Based on 25 foot mounting height. Maximum calculated value = 8.1 fc
 Type III - Medium - Semi-Cutoff

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Luminous Intensity Polar Plot



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

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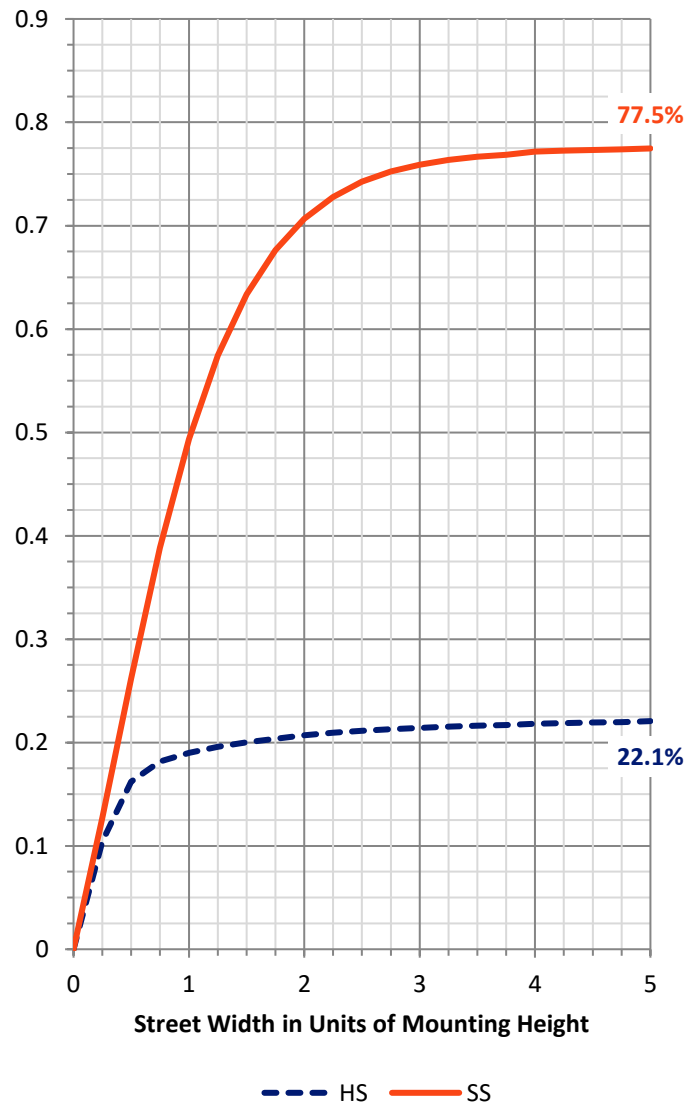
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6637.3	0.0	6637.3
	% Fixture	22.5	0.0	22.5
Street Side	Lumens	22899.7	0.0	22899.7
	% Fixture	77.5	0.0	77.5
Total	Lumens	29537.0	0.0	29537.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	454.4	1.5
10°-20°	1444.3	4.9
20°-30°	2473.6	8.4
30°-40°	3709.1	12.6
40°-50°	5046.8	17.1
50°-60°	5937.9	20.1
60°-70°	6235.4	21.1
70°-80°	3863.3	13.1
80°-90°	372.1	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°	29537.0	100.0
0°-180°	29537.0	100.0



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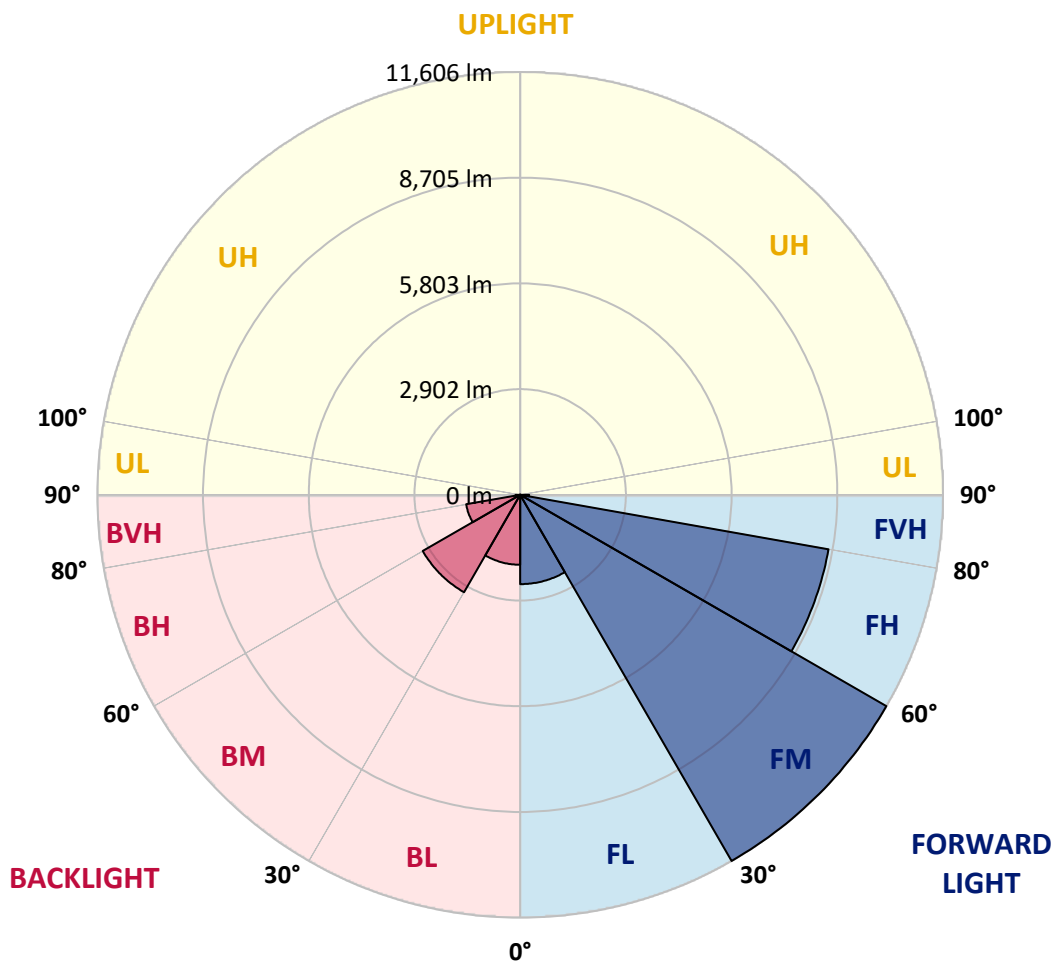
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2452.1	8.3			
FM	(30°-60°)	11606.3	39.3			
FH	(60°-80°)	8593.8	29.1			G4/12000
FVH	(80°-90°)	247.4	0.8			G3/500
BL	(0°-30°)	1920.2	6.5	B3/2500		
BM	(30°-60°)	3087.5	10.5	B3/5000		
BH	(60°-80°)	1504.9	5.1	B3/2500		G3/2500
BVH	(80°-90°)	124.8	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°	4511.7	4511.7	4511.7	4511.7	4511.7	4511.7	4511.7	4511.7	4511.7	4511.7	4511.7
2.5°	4585.6	4585.6	4537.0	4529.2	4521.4	4498.0	4482.5	4482.5	4466.9	4482.5	4490.3
5°	4679.0	4655.6	4605.0	4601.2	4577.8	4577.8	4577.8	4552.5	4537.0	4529.2	4529.2
7.5°	4813.2	4786.0	4747.1	4712.1	4682.9	4663.4	4616.7	4655.6	4628.4	4624.5	4628.4
10°	5027.2	5007.8	4935.8	4928.0	4861.9	4838.5	4797.7	4797.7	4782.1	4774.3	4751.0
12.5°	5225.7	5217.9	5142.0	5126.4	5054.5	5019.4	4996.1	4988.3	4953.3	4941.6	4904.7
15°	5517.5	5482.5	5426.1	5398.8	5303.5	5280.1	5233.4	5194.5	5173.1	5161.5	5149.8
17.5°	5786.0	5766.5	5708.2	5663.4	5556.4	5525.3	5470.8	5463.0	5398.8	5375.5	5344.3
20°	6095.3	6062.2	6003.9	5984.4	5908.5	5826.8	5754.8	5754.8	5679.0	5612.8	5601.2
22.5°	6426.1	6391.0	6311.3	6299.6	6229.6	6188.7	6095.3	6062.2	5972.7	5920.2	5846.3
25°	6797.6	6751.0	6696.5	6679.0	6624.5	6601.2	6482.5	6466.9	6332.7	6284.0	6229.6
27.5°	7122.5	7142.0	7114.8	7095.3	7054.5	7011.7	6924.1	6924.1	6766.5	6743.2	6663.4
30°	7564.2	7533.1	7548.6	7536.9	7486.4	7478.6	7422.2	7414.4	7276.2	7287.9	7153.7
32.5°	7904.6	7912.4	7949.4	7957.2	7972.7	7984.4	7928.0	7873.5	7786.0	7842.4	7700.4
35°	8173.1	8173.1	8303.5	8478.6	8509.7	8632.3	8560.3	8536.9	8391.0	8521.4	8371.6
37.5°	8394.9	8406.6	8498.0	8719.8	8931.9	9075.9	9050.6	9099.2	8984.4	9194.5	9083.6
40°	8560.3	8564.2	8723.7	8992.2	9348.2	9548.6	9564.2	9636.2	9593.4	9858.0	9813.2
42.5°	8402.7	8426.0	8719.8	9245.1	9719.8	9976.6	10062.2	10229.5	10249.0	10560.3	10552.5
45°	8214.0	8245.1	8573.9	9336.6	10038.9	10371.6	10560.3	10838.5	10896.9	11256.8	11260.7
47.5°	8038.9	8091.4	8426.0	9268.5	10328.8	10758.7	11027.2	11367.7	11501.9	11817.1	11838.5
50°	7873.5	7920.2	8287.9	9217.9	10585.6	11114.8	11447.4	11850.2	11980.5	12284.0	12272.3
52.5°	7525.3	7581.7	8011.7	9046.7	10708.1	11287.9	11643.9	12007.8	12206.2	12544.7	12521.4
55°	7202.3	7272.4	7700.4	8842.4	10715.9	11321.0	11723.7	12079.7	12307.4	12686.7	12671.2
57.5°	6838.5	6865.7	7311.3	8521.4	10560.3	11225.7	11620.6	12079.7	12311.3	12758.7	12826.8
60°	6356.0	6429.9	6846.3	8083.6	10284.0	11066.1	11605.0	12142.0	12426.0	13003.9	13142.0
62.5°	5904.7	5945.5	6348.2	7564.2	9813.2	10712.0	11336.5	12007.8	12474.7	13107.0	13459.1
65°	5328.8	5394.9	5743.2	6877.4	9134.2	10046.7	10782.1	11612.8	12256.8	12988.3	13478.6
67.5°	4624.5	4675.1	4976.6	6031.1	8126.4	9019.4	9850.2	10900.8	11675.1	12426.0	13087.5
69°	4165.4	4217.9	4459.1	5414.4	7414.4	8237.3	9011.7	10173.1	11054.4	11961.1	12774.3
70°	3826.8	3854.1	4099.2	4965.0	6873.5	7667.3	8340.4	9564.2	10536.9	11667.3	12521.4
72.5°	2885.2	2924.1	3107.0	3770.4	5260.7	5984.4	6585.6	7573.9	8690.6	10072.0	11003.9
75°	1961.1	1957.2	2130.3	2537.0	3291.8	3762.6	4276.3	5177.0	6153.7	7375.5	8616.7
77.5°	647.9	663.4	770.4	1145.9	1482.5	1597.3	1667.3	2000.0	2801.5	3478.6	4786.0
80°	252.9	260.7	430.0	570.0	739.3	797.7	838.5	988.3	1130.3	1311.3	1675.1
82.5°	157.6	217.9	299.6	340.5	344.4	324.9	307.4	371.6	463.0	577.8	675.1
85°	103.1	138.1	138.1	145.9	145.9	134.2	103.1	149.8	206.2	229.6	276.3
87.5°	54.5	83.7	79.8	68.1	50.6	31.1	0.0	15.6	31.1	38.9	19.5
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):

	52.5°	55°	57.5°	60°	62.5°	65°	66°	67.5°	70°	72.5°	75°
0°	4511.7	4511.7	4511.7	4511.7	4511.7	4511.7	4511.7	4511.7	4511.7	4511.7	4511.7
2.5°	4490.3	4486.4	4443.6	4486.4	4459.1	4482.5	4482.5	4443.6	4494.2	4505.8	4517.5
5°	4521.4	4533.1	4513.6	4517.5	4513.6	4521.4	4533.1	4521.4	4544.7	4560.3	4544.7
7.5°	4593.4	4612.8	4552.5	4597.3	4544.7	4552.5	4573.9	4552.5	4605.0	4616.7	4601.2
10°	4719.8	4719.8	4704.3	4704.3	4671.2	4675.1	4667.3	4655.6	4671.2	4640.1	4682.9
12.5°	4846.3	4854.1	4805.4	4834.6	4789.9	4789.9	4782.1	4758.7	4782.1	4774.3	4774.3
15°	5058.4	5075.9	5011.7	5038.9	4988.3	4980.5	4976.6	4972.7	4961.1	4931.9	4972.7
17.5°	5287.9	5276.3	5233.4	5202.3	5161.5	5169.2	5165.4	5169.2	5145.9	5130.3	5153.7
20°	5525.3	5521.4	5478.6	5443.6	5406.6	5391.0	5394.9	5391.0	5367.7	5375.5	5379.4
22.5°	5842.4	5770.4	5778.2	5700.4	5675.1	5647.8	5628.4	5667.3	5612.8	5682.9	5628.4
25°	6206.2	6122.6	6149.8	6023.3	6000.0	5949.4	5939.7	5992.2	5945.5	6054.5	5996.1
27.5°	6616.7	6529.2	6536.9	6433.8	6394.9	6348.2	6348.2	6459.1	6391.0	6490.3	6379.4
30°	7138.1	7058.3	7122.5	6945.5	6949.4	6889.1	6896.9	7050.6	6957.2	7083.6	6953.3
32.5°	7770.4	7640.1	7739.3	7577.8	7636.2	7577.8	7620.6	7834.6	7739.3	7928.0	7696.5
35°	8459.1	8332.7	8521.4	8402.7	8536.9	8577.8	8620.6	8900.8	8846.3	9083.6	8896.9
37.5°	9272.3	9188.7	9359.9	9348.2	9605.0	9636.2	9704.3	10062.2	9996.1	10315.1	10075.8
40°	10095.3	10003.9	10307.4	10245.1	10585.6	10620.6	10686.7	11075.8	10957.2	11145.9	10865.7
42.5°	10813.2	10789.9	10996.1	10992.2	11328.8	11363.8	11433.8	11723.7	11581.7	11651.7	11387.1
45°	11548.6	11470.8	11715.9	11667.3	12031.1	12019.4	12050.6	12332.7	12198.4	12165.3	11908.5
47.5°	12046.7	11992.2	12252.9	12206.2	12577.8	12548.6	12605.0	12766.5	12597.2	12608.9	12348.2
50°	12521.4	12455.2	12686.7	12643.9	12939.7	12980.5	13023.3	13122.5	12916.3	12774.3	12564.2
52.5°	12774.3	12643.9	12838.5	12861.8	13138.1	13138.1	13188.7	13241.2	13145.9	13130.3	12945.5
55°	12869.6	12817.1	12996.1	13042.8	13429.9	13544.7	13628.4	13715.9	13671.2	13643.9	13422.1
57.5°	13091.4	13058.3	13383.2	13498.0	13912.4	14054.4	14145.9	14324.9	14237.3	14062.2	13786.0
60°	13573.9	13643.9	14031.1	14134.2	14655.6	14778.2	14842.4	14916.3	14873.5	14616.7	14276.2
62.5°	13896.9	14118.6	14593.3	14842.4	15383.2	15581.7	15612.8	15605.0	15429.9	15066.1	14708.1
65°	14000.0	14332.6	14972.7	15391.0	15920.2	16114.7	16126.4	16062.2	15928.0	15414.4	15035.0
67.5°	13700.4	14233.4	14972.7	15470.8	16031.1	16295.7	16299.6	16149.8	16134.2	15533.0	15233.4
69°	13367.7	14083.6	14822.9	15533.0	15943.5	16533.0	16593.3	16214.0	16276.2	15564.2	15291.8
70°	13192.6	13972.7	14774.3	15533.0	16031.1	16455.2	16544.7	16299.6	16202.3	15414.4	15083.6
72.5°	11842.4	12743.2	13865.7	14560.3	14900.7	15210.1	15177.0	15035.0	14935.8	14142.0	13854.1
75°	9620.6	10498.0	11540.8	12237.3	12568.1	13118.6	13157.6	13019.4	13091.4	12291.8	12087.5
77.5°	5928.0	7371.6	8466.9	9494.1	9834.6	10696.5	10834.6	10805.4	10961.1	10237.3	10015.5
80°	1953.3	2490.3	3003.9	3850.2	3731.5	4789.9	5000.0	5003.9	5295.7	4095.3	4540.8
82.5°	743.2	924.1	1099.2	1317.1	1391.0	1494.2	1505.8	1463.0	1593.4	1422.2	1406.6
85°	221.8	252.9	221.8	256.8	260.7	321.0	284.0	214.0	291.8	229.6	217.9
87.5°	15.6	23.3	23.3	50.6	0.0	50.6	31.1	23.3	23.3	31.1	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):

	77.5°	80°	82.5°	85°	87.5°	90°	95°	100°	102.5°	105°	107.5°
0°	4511.7	4511.7	4511.7	4511.7	4511.7	4511.7	4511.7	4511.7	4511.7	4511.7	4511.7
2.5°	4513.6	4498.0	4505.8	4501.9	4505.8	4525.3	4513.6	4490.3	4498.0	4517.5	4490.3
5°	4552.5	4529.2	4577.8	4498.0	4544.7	4570.0	4577.8	4585.6	4585.6	4589.5	4624.5
7.5°	4601.2	4556.4	4601.2	4597.3	4624.5	4628.4	4659.5	4686.8	4719.8	4704.3	4735.4
10°	4679.0	4682.9	4696.5	4686.8	4712.1	4708.2	4758.7	4801.5	4838.5	4819.1	4822.9
12.5°	4854.1	4801.5	4846.3	4813.2	4846.3	4846.3	4869.6	4861.9	4924.1	4893.0	4869.6
15°	5027.2	4984.4	5019.4	4984.4	5011.7	5003.9	4992.2	4957.2	5003.9	4992.2	4980.5
17.5°	5217.9	5153.7	5202.3	5134.2	5153.7	5103.1	5058.4	4988.3	5042.8	4984.4	4957.2
20°	5406.6	5379.4	5375.5	5311.3	5280.1	5252.9	5138.1	5046.7	5068.1	5015.6	4931.9
22.5°	5636.2	5597.3	5573.9	5470.8	5437.7	5387.1	5245.1	5103.1	5068.1	5023.3	4949.4
25°	5976.6	5881.3	5858.0	5743.2	5715.9	5608.9	5383.3	5206.2	5153.7	5087.5	4972.7
27.5°	6379.4	6237.3	6198.4	6035.0	6015.5	5846.3	5620.6	5348.2	5225.7	5091.4	4996.1
30°	6939.7	6692.6	6679.0	6451.3	6426.1	6180.9	5861.9	5548.6	5375.5	5206.2	5035.0
32.5°	7801.5	7463.0	7494.1	7169.2	7138.1	6739.3	6198.4	5739.3	5494.1	5295.7	5019.4
35°	9122.5	8747.1	8712.0	8352.1	8260.7	7838.5	7118.7	6214.0	5747.1	5387.1	5027.2
37.5°	10079.7	9793.7	9708.1	9379.4	9035.0	8700.4	7873.5	6846.3	6299.6	5770.4	5138.1
40°	10758.7	10451.3	10260.7	9916.3	9643.9	9311.3	8437.7	7387.1	6743.2	6110.9	5375.5
42.5°	11280.1	10992.2	10782.1	10466.9	10188.7	9747.1	8793.8	7560.3	6893.0	6299.6	5398.8
45°	11762.6	11474.7	11249.0	10904.6	10601.1	10217.9	9161.5	7640.1	6877.4	6180.9	5287.9
47.5°	12180.9	11869.6	11548.6	11198.4	10861.8	10498.0	9402.7	7770.4	6797.6	6000.0	4916.3
50°	12363.8	12107.0	11834.6	11478.6	11107.0	10758.7	9564.2	7708.2	6482.5	5616.7	4433.8
52.5°	12727.6	12348.2	12038.9	11679.0	11272.3	10857.9	9536.9	7482.5	6015.5	5035.0	3842.4
55°	13138.1	12801.5	12371.6	12027.2	11517.5	11019.4	9624.5	7214.0	5605.0	4636.2	3406.6
57.5°	13494.1	13118.6	12601.1	12221.8	11612.8	11075.8	9429.9	6877.4	5233.4	4252.9	3035.0
60°	13842.4	13474.7	12893.0	12426.0	11700.4	11042.8	9241.2	6679.0	4965.0	3916.3	2585.6
62.5°	14157.6	13731.5	12957.2	12451.3	11564.2	10904.6	8992.2	6307.4	4498.0	3513.6	2118.7
65°	14356.0	13842.4	12893.0	12340.4	11359.9	10671.2	8577.8	5774.3	3984.4	2935.8	1659.5
67.5°	14356.0	13754.8	12640.0	12066.1	10900.8	10099.2	7801.5	4972.7	3225.7	2299.6	1184.8
69°	14229.5	13556.4	12356.0	11719.8	10498.0	9624.5	7110.9	4375.5	2719.8	1826.8	941.6
70°	14062.2	13375.5	12031.1	11324.9	10134.2	9194.5	6608.9	3996.1	2379.4	1509.7	861.9
72.5°	12885.2	12221.8	10712.0	10000.0	8696.5	7834.6	5387.1	2778.2	1344.4	861.9	696.5
75°	11050.6	10517.5	8949.4	8249.0	6885.2	6118.7	3651.7	1295.7	758.8	655.6	537.0
77.5°	8696.5	8153.7	6813.2	6015.5	4601.2	3861.9	1478.6	692.6	570.0	455.3	356.0
80°	3494.2	3348.2	2062.3	2027.2	1264.6	1122.6	723.7	482.5	387.2	311.3	221.8
82.5°	1145.9	1118.7	941.6	865.8	712.1	675.1	482.5	336.6	252.9	206.2	126.5
85°	165.4	202.3	190.7	190.7	134.2	153.7	114.8	91.4	72.0	58.4	31.1
87.5°	0.0	11.7	7.8	19.5	15.6	23.3	31.1	31.1	7.8	31.1	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°	4511.7	4511.7	4511.7	4511.7	4511.7	4511.7	4511.7	4511.7	4511.7	4511.7	4511.7
2.5°	4533.1	4537.0	4525.3	4544.7	4552.5	4570.0	4570.0	4585.6	4570.0	4577.8	4636.2
5°	4671.2	4704.3	4686.8	4704.3	4727.6	4727.6	4762.6	4789.9	4774.3	4793.8	4900.8
7.5°	4774.3	4846.3	4822.9	4861.9	4865.7	4900.8	4885.2	4957.2	4928.0	4931.9	5027.2
10°	4881.3	4900.8	4920.2	4931.9	4941.6	4996.1	4965.0	4996.1	5007.8	5007.8	5083.6
12.5°	4908.5	4949.4	4953.3	4988.3	4945.5	5019.4	4980.5	5027.2	5000.0	4996.1	5046.7
15°	4968.9	4972.7	4945.5	4965.0	4957.2	5050.6	5000.0	5035.0	4968.9	4980.5	5015.6
17.5°	4935.8	4941.6	4931.9	4949.4	4920.2	4965.0	4908.5	4941.6	4889.1	4858.0	4854.1
20°	4968.9	4941.6	4869.6	4885.2	4854.1	4877.4	4813.2	4813.2	4743.2	4708.2	4593.4
22.5°	4924.1	4869.6	4813.2	4758.7	4715.9	4712.1	4651.7	4663.4	4540.8	4429.9	4291.8
25°	4904.7	4782.1	4751.0	4632.3	4624.5	4570.0	4451.4	4426.1	4311.3	4145.9	3961.1
27.5°	4931.9	4758.7	4663.4	4544.7	4459.1	4324.9	4245.1	4134.2	3992.2	3809.3	3490.3
30°	4889.1	4727.6	4570.0	4340.5	4268.5	4072.0	3941.6	3801.5	3659.5	3422.2	3027.2
32.5°	4858.0	4608.9	4379.4	4103.1	3988.3	3739.3	3624.5	3398.8	3256.8	2957.2	2459.1
35°	4735.4	4433.8	4157.6	3858.0	3696.5	3422.2	3233.5	2980.5	2782.1	2426.1	1885.2
37.5°	4700.4	4245.1	3972.8	3548.6	3332.7	3003.9	2793.8	2474.7	2276.3	1889.1	1505.8
40°	4735.4	4054.5	3667.3	3184.8	2881.3	2498.0	2229.6	1904.7	1686.8	1398.8	1161.5
42.5°	4686.8	3786.0	3303.5	2679.0	2324.9	1873.5	1589.5	1344.4	1241.2	1062.3	881.3
45°	4447.5	3437.7	2774.3	2023.3	1679.0	1295.7	1103.1	949.4	920.2	826.8	782.1
47.5°	4042.8	2869.6	2225.7	1478.6	1194.5	949.4	877.4	805.4	815.2	782.1	762.6
50°	3552.5	2394.9	1774.3	1161.5	976.7	908.6	846.3	815.2	815.2	778.2	774.3
52.5°	3011.7	1920.2	1402.7	957.2	858.0	815.2	766.5	774.3	731.5	708.2	708.2
55°	2597.3	1581.7	1206.2	885.2	801.6	758.8	770.4	727.6	719.8	696.5	723.7
57.5°	2225.7	1303.5	1042.8	838.5	778.2	727.6	739.3	679.0	692.6	686.8	719.8
60°	1815.2	1091.4	945.5	782.1	723.7	704.3	679.0	655.6	647.9	636.2	700.4
62.5°	1443.6	965.0	861.9	735.4	671.2	640.1	632.3	640.1	628.4	640.1	708.2
65°	1138.1	854.1	793.8	688.7	636.2	640.1	612.8	616.7	636.2	647.9	735.4
67.5°	928.0	727.6	686.8	601.2	573.9	544.7	560.3	585.6	593.4	608.9	739.3
69°	815.2	688.7	616.7	544.7	513.6	513.6	509.7	544.7	570.0	593.4	719.8
70°	747.1	585.6	589.5	498.1	470.8	459.1	494.2	505.8	525.3	585.6	735.4
72.5°	632.3	537.0	529.2	443.6	447.5	433.9	447.5	521.4	494.2	573.9	758.8
75°	470.8	410.5	402.7	363.8	359.9	371.6	387.2	418.3	455.3	513.6	700.4
77.5°	336.6	276.3	307.4	245.1	264.6	237.4	276.3	307.4	344.4	406.6	628.4
80°	221.8	190.7	214.0	157.6	180.9	165.4	210.1	221.8	202.3	284.0	470.8
82.5°	142.0	134.2	138.1	95.3	114.8	103.1	110.9	103.1	130.3	153.7	299.6
85°	35.0	31.1	68.1	54.5	31.1	38.9	42.8	72.0	68.1	72.0	114.8
87.5°	0.0	0.0	27.2	0.0	7.8	0.0	7.8	38.9	31.1	38.9	31.1
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°	4511.7	4511.7	4511.7	4511.7
2.5°	4696.5	4758.7	4743.2	4782.1
5°	4965.0	5046.7	5046.7	5099.2
7.5°	5075.9	5161.5	5161.5	5202.3
10°	5142.0	5233.4	5237.3	5287.9
12.5°	5072.0	5145.9	5161.5	5217.9
15°	4988.3	5003.9	5011.7	5050.6
17.5°	4774.3	4789.9	4797.7	4813.2
20°	4529.2	4505.8	4494.2	4521.4
22.5°	4206.2	4138.1	4095.3	4095.3
25°	3758.7	3723.7	3628.4	3612.8
27.5°	3264.6	3190.7	3114.8	3099.2
30°	2739.3	2636.2	2573.9	2601.2
32.5°	2138.1	2107.0	2107.0	2142.0
35°	1708.2	1747.1	1762.6	1786.0
37.5°	1414.4	1501.9	1533.1	1573.9
40°	1095.3	1214.0	1317.1	1383.3
42.5°	908.6	1064.2	1165.4	1194.5
45°	865.8	1007.8	1099.2	1107.0
47.5°	858.0	984.4	1079.8	1107.0
50°	861.9	1019.5	1103.1	1114.8
52.5°	815.2	949.4	1027.2	1019.5
55°	854.1	980.5	1019.5	1019.5
57.5°	869.6	1019.5	1114.8	1130.3
60°	904.7	1198.4	1299.6	1303.5
62.5°	1011.7	1391.0	1287.9	1241.2
65°	1190.7	1486.4	1317.1	1249.0
67.5°	1103.1	1198.4	1054.5	1042.8
69°	1072.0	1149.8	1023.3	988.3
70°	1035.0	1126.5	1023.3	1011.7
72.5°	1046.7	1145.9	893.0	838.5
75°	984.4	1095.3	850.2	774.3
77.5°	931.9	1031.1	838.5	766.5
80°	774.3	941.6	830.7	805.4
82.5°	533.1	743.2	719.8	766.5
85°	276.3	463.0	581.7	679.0
87.5°	91.4	184.8	272.4	307.4
90°	0.0	0.0	0.0	0.0

(END OF REPORT)