

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: P165097

Luminaire Tested: **VST-E10-LED-E-U-SL2-HSS**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P165097
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33726)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: VST-E10-LED-E-U-SL2-HSS
Description: VENTUS LED SITE/ROADWAY LUMINAIRE
(10) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL AND
HOUSE SIDE SHIELD
Light Source: (210) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18116.6 lumens
Efficiency: N/A
Efficacy: 73.1 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.67' x L: 1' x H: 0.1')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B1 - U0 - G3

Input Watts (W): 247.7
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

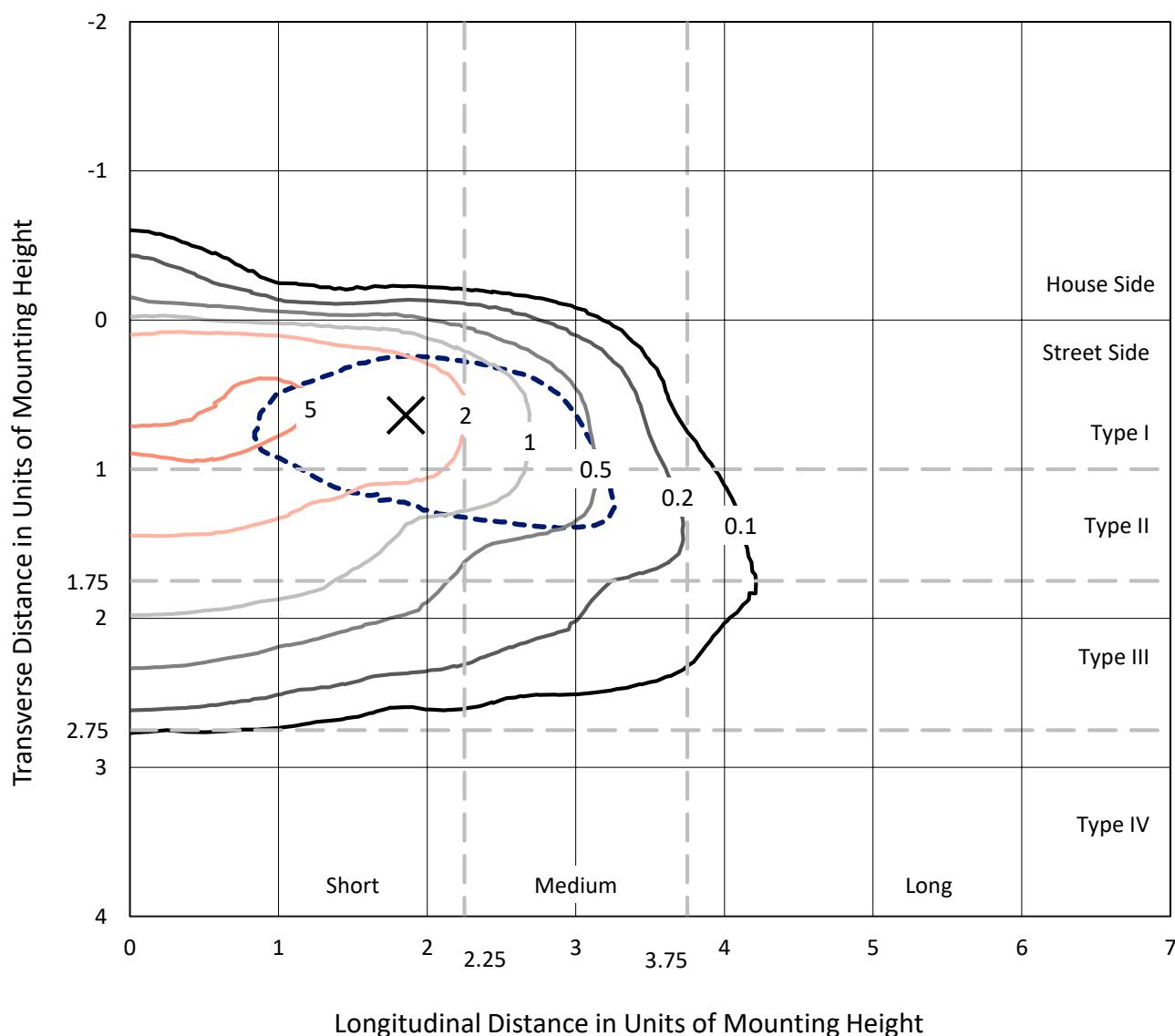


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

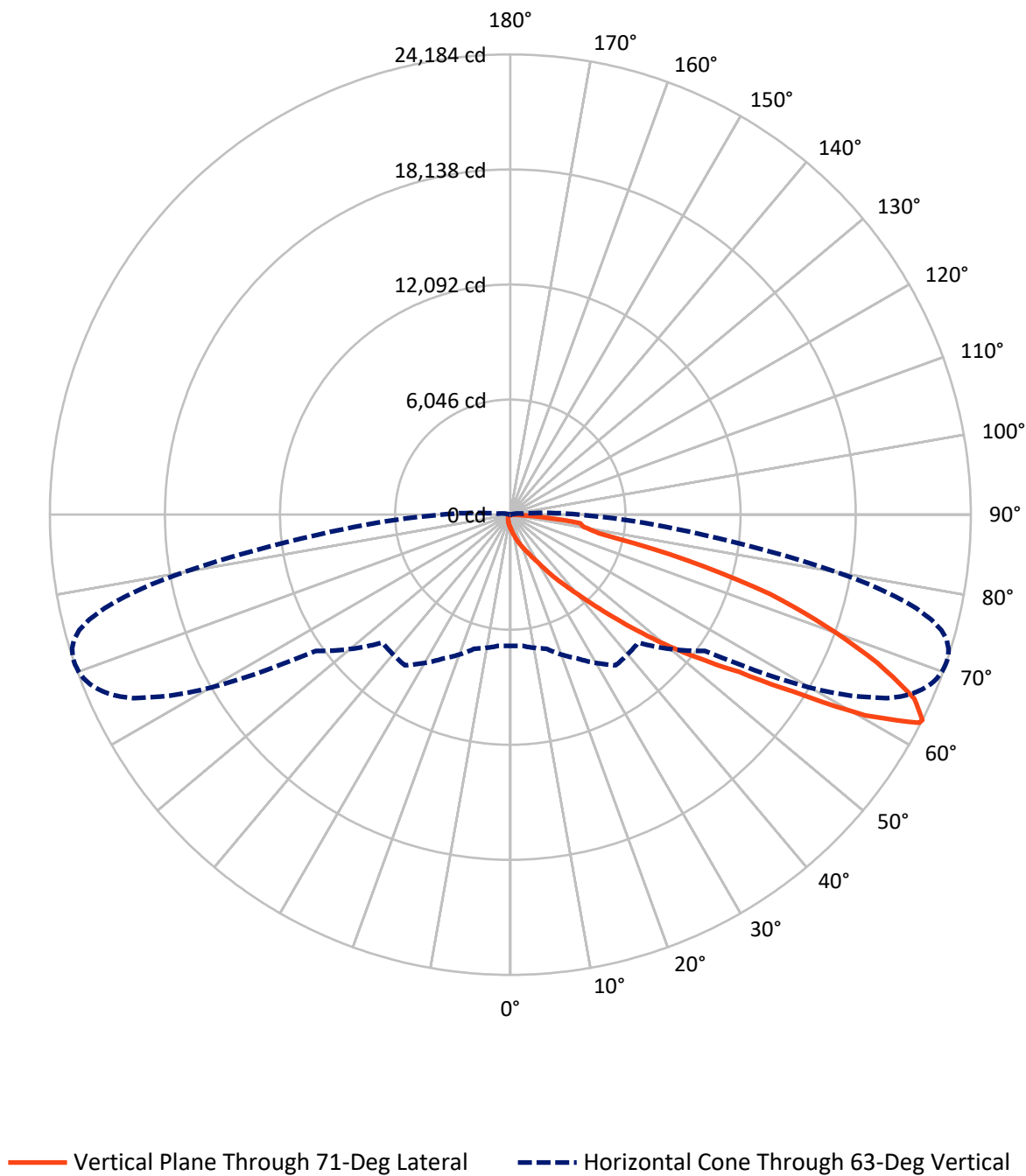


Based on 25 foot mounting height. Maximum calculated value = 6.1 fc
Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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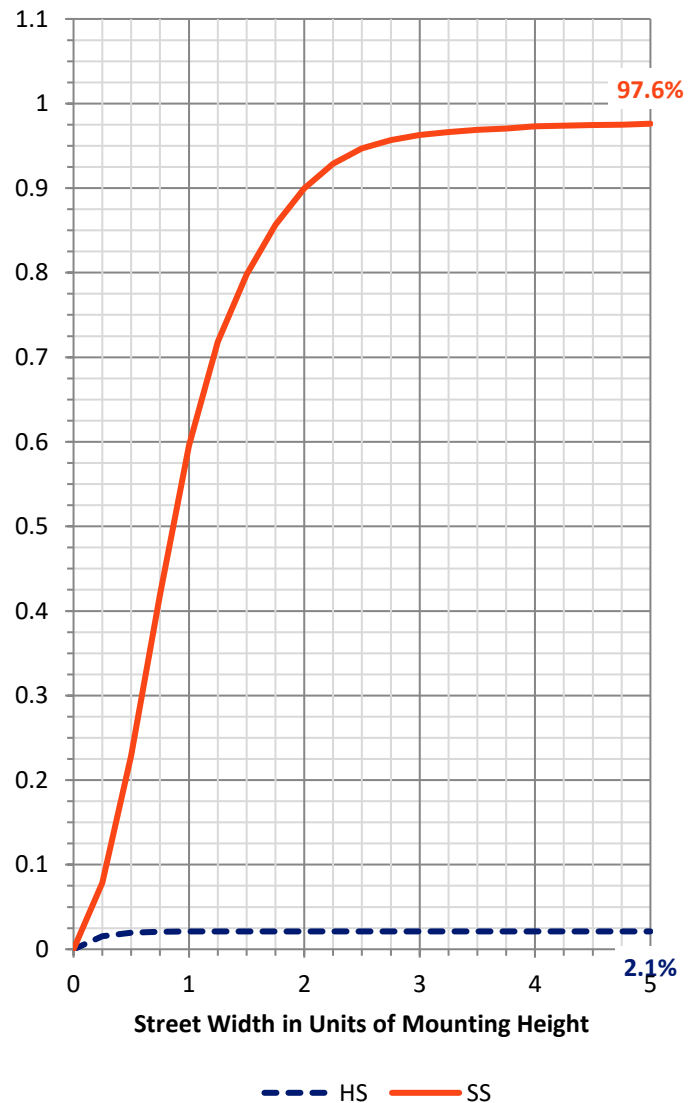
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	384.6	0.0	384.6
	% Fixture	2.1	0.0	2.1
Street Side	Lumens	17732.0	0.0	17732.0
	% Fixture	97.9	0.0	97.9
Total	Lumens	18116.6	0.0	18116.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.8	0.4
10°-20°	297.9	1.6
20°-30°	605.0	3.3
30°-40°	1478.2	8.2
40°-50°	3306.0	18.2
50°-60°	4648.6	25.7
60°-70°	5466.3	30.2
70°-80°	1973.8	10.9
80°-90°	263.9	1.5
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°	18116.6	100.0
0°-180°	18116.6	100.0

Coefficient of Utilization



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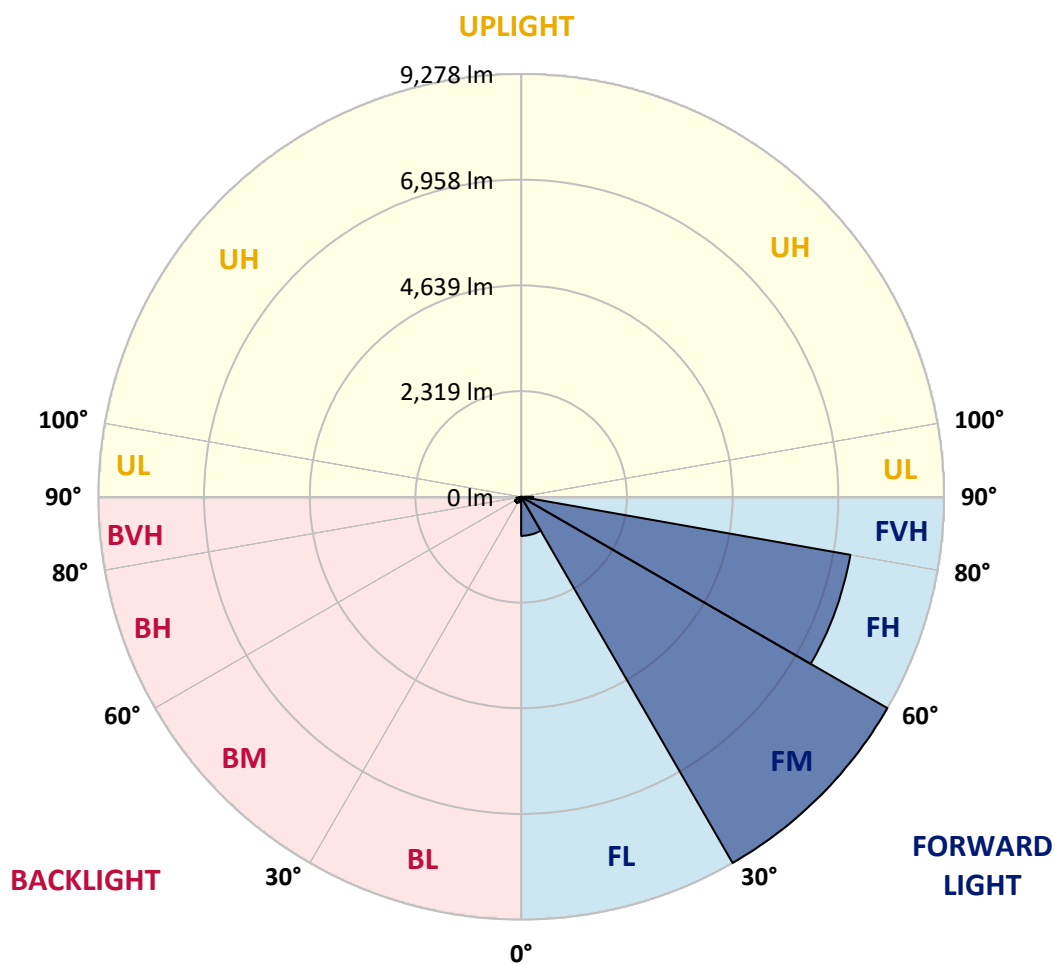
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	856.1	4.7			
FM	(30°-60°)	9277.8	51.2			
FH	(60°-80°)	7334.7	40.5			G3/7500
FVH	(80°-90°)	263.4	1.5			G3/500
BL	(0°-30°)	123.7	0.7	B1/500		
BM	(30°-60°)	154.9	0.9	B0/220		
BH	(60°-80°)	105.4	0.6	B0/110		G0/110
BVH	(80°-90°)	0.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G3

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	695.0	695.0	695.0	695.0	695.0	695.0	695.0	695.0	695.0	695.0	695.0
2.5°	909.0	918.8	912.2	895.8	876.0	849.8	826.6	826.6	823.4	813.4	816.8
5°	1192.2	1195.6	1182.4	1142.8	1106.6	1050.6	988.0	981.4	974.8	965.0	961.8
7.5°	1469.0	1482.0	1469.0	1426.0	1353.6	1268.0	1169.2	1159.4	1139.6	1139.6	1126.4
10°	1752.2	1752.2	1739.0	1689.6	1623.6	1501.8	1376.6	1360.2	1337.2	1330.6	1310.8
12.5°	1953.0	1953.0	1946.4	1920.2	1867.4	1758.8	1607.2	1590.8	1561.2	1551.2	1528.2
15°	2032.0	2032.0	2035.4	2058.4	2061.8	2012.4	1854.2	1841.0	1811.4	1785.0	1775.2
17.5°	2081.4	2078.2	2078.2	2111.2	2170.4	2203.4	2101.2	2088.0	2055.2	2042.0	2009.0
20°	2190.2	2183.6	2163.8	2163.8	2219.8	2335.0	2335.0	2331.8	2295.6	2285.6	2269.2
22.5°	2351.6	2345.0	2285.6	2236.2	2262.6	2407.6	2542.6	2536.0	2522.8	2509.6	2499.8
25°	2615.0	2592.0	2489.8	2345.0	2322.0	2476.8	2700.6	2717.2	2727.0	2727.0	2733.6
27.5°	3013.6	2984.0	2802.8	2532.8	2430.6	2588.6	2875.2	2908.2	2937.8	2944.4	2974.0
30°	3566.8	3514.2	3254.0	2858.8	2625.0	2753.4	3132.2	3168.4	3211.2	3224.4	3270.4
32.5°	4475.8	4446.2	4196.0	3603.0	3102.4	3076.2	3491.2	3537.2	3593.2	3616.2	3672.2
35°	5859.2	5865.8	5661.6	5128.0	4436.4	4074.0	4133.4	4172.8	4192.6	4261.8	4291.4
37.5°	6797.8	6814.2	6860.4	6649.6	6155.6	5786.6	5322.2	5365.2	5263.0	5272.8	5276.2
40°	7311.6	7364.2	7634.4	7838.6	7799.0	7585.0	7212.8	7235.8	7044.8	7002.0	6794.4
42.5°	7654.0	7723.2	8154.8	8787.0	9109.8	9304.2	9218.6	9208.6	9060.4	9004.4	8829.8
45°	7868.2	7930.8	8474.2	9406.2	10150.6	10717.0	10950.8	10977.2	10852.0	10796.0	10651.2
47.5°	7858.2	7930.8	8513.6	9636.8	10733.6	11639.2	12298.0	12330.8	12406.6	12357.2	12367.0
50°	7423.6	7492.8	8079.0	9244.8	10562.2	12060.8	13266.2	13371.6	13493.4	13575.8	13615.4
52.5°	6896.6	6946.0	7466.4	8573.0	9831.0	11886.2	13839.2	14020.4	14201.6	14356.4	14465.0
55°	6702.2	6758.2	7166.6	8085.6	9244.8	11155.0	14106.0	14372.8	14629.8	14883.4	15090.8
57.5°	6804.4	6857.0	7150.2	7855.0	8895.8	10384.4	14181.8	14596.8	15018.4	15430.0	15838.4
60°	7179.8	7235.8	7486.2	8069.0	8803.6	9939.8	13885.4	14573.8	15275.2	15993.2	16668.4
62.5°	7031.6	7054.6	7423.6	8444.6	9462.2	9561.0	12808.4	13770.2	14840.6	15947.2	17037.2
63°	6890.0	6916.4	7291.8	8342.4	9663.2	9505.0	12475.8	13490.2	14619.8	15812.0	16997.8
65°	6247.8	6251.0	6537.6	7367.6	9439.2	9603.8	10993.8	11962.0	13259.6	14689.0	16187.6
67.5°	4663.6	4640.6	4917.2	5549.6	7410.4	9607.2	9435.8	9979.4	10881.8	12149.8	13493.4
70°	1653.4	1617.2	2065.0	2941.0	4617.4	7858.2	8108.6	8144.8	8395.2	9080.2	9923.4
72.5°	536.8	546.8	658.6	1077.0	2127.6	5289.4	7341.2	7229.2	7163.4	7160.0	7272.0
75°	214.0	217.4	263.4	477.6	955.2	2549.2	6429.0	6491.4	6514.6	6547.4	6583.8
77.5°	102.0	112.0	148.2	266.8	474.2	1261.4	4601.0	5131.2	5434.2	5668.2	5809.8
80°	36.2	42.8	82.4	164.6	220.6	579.6	2424.0	2924.6	3369.2	3942.4	4436.4
82.5°	0.0	0.0	16.4	115.2	121.8	233.8	994.6	1165.8	1333.8	1729.0	2219.8
85°	0.0	0.0	0.0	33.0	36.2	39.6	336.0	405.2	454.6	530.2	612.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	3.2	9.8	19.8	49.4	75.8
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):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	695.0	695.0	695.0	695.0	695.0	695.0	695.0	695.0	695.0	695.0	695.0
2.5°	810.2	807.0	807.0	800.4	797.0	790.4	787.2	777.2	774.0	774.0	774.0
5°	958.4	945.2	938.6	922.2	912.2	909.0	892.6	886.0	876.0	879.4	862.8
7.5°	1123.0	1100.0	1090.2	1067.0	1060.6	1037.4	1030.8	1014.4	1004.6	984.8	978.2
10°	1304.2	1274.6	1258.2	1221.8	1212.0	1195.6	1175.8	1156.0	1139.6	1119.8	1110.0
12.5°	1511.8	1485.4	1472.2	1422.8	1399.8	1376.6	1350.4	1324.0	1297.6	1281.2	1258.2
15°	1755.4	1712.6	1699.4	1653.4	1613.8	1584.2	1548.0	1515.0	1495.2	1462.4	1439.2
17.5°	1995.8	1953.0	1943.2	1874.0	1831.2	1811.4	1772.0	1729.0	1692.8	1660.0	1623.6
20°	2236.2	2206.6	2180.2	2114.4	2068.4	2035.4	1982.6	1939.8	1910.2	1864.2	1818.0
22.5°	2476.8	2447.0	2427.4	2358.2	2315.4	2269.2	2223.2	2177.0	2134.2	2078.2	2025.6
25°	2723.8	2704.0	2694.0	2631.6	2592.0	2549.2	2503.0	2450.4	2397.6	2335.0	2279.2
27.5°	2980.6	2987.2	2967.4	2954.2	2911.4	2881.8	2809.4	2773.2	2733.6	2657.8	2588.6
30°	3306.6	3326.4	3319.8	3329.8	3303.4	3283.6	3227.6	3181.6	3135.4	3063.0	2984.0
32.5°	3718.4	3744.8	3757.8	3794.2	3781.0	3774.4	3757.8	3692.0	3659.0	3534.0	3501.0
35°	4354.0	4340.8	4396.8	4426.4	4413.2	4406.8	4387.0	4350.8	4311.2	4222.2	4140.0
37.5°	5180.6	5193.8	5213.6	5154.4	5114.8	5111.6	5052.2	5016.0	4960.0	4861.2	4762.4
40°	6695.6	6613.4	6521.2	6270.8	6162.2	6099.6	5925.0	5875.6	5780.0	5645.0	5543.0
42.5°	8665.2	8582.8	8306.2	7888.0	7664.0	7354.4	7212.8	7038.2	6903.2	6682.6	6564.0
45°	10621.6	10384.4	10351.4	9864.0	9587.4	9179.0	8925.4	8632.2	8326.0	8036.2	7825.4
47.5°	12271.6	12218.8	12057.6	11761.0	11504.2	11161.6	10835.6	10384.4	10068.2	9656.6	9277.8
50°	13592.2	13589.0	13529.6	13358.4	13144.4	12867.8	12581.2	12199.2	11840.2	11336.2	10931.2
52.5°	14580.4	14633.0	14652.8	14600.0	14517.8	14274.0	14129.2	13809.6	13506.6	13078.4	12640.4
55°	15304.8	15499.2	15598.0	15710.0	15687.0	15601.4	15594.8	15387.2	15249.0	14909.6	14600.0
57.5°	16200.8	16520.2	16826.4	17370.0	17389.6	17580.8	17679.6	17778.4	17804.6	17669.6	17567.6
60°	17340.2	17992.4	18572.0	19708.4	20004.8	20472.4	20775.4	21104.8	21384.6	21407.8	21401.2
62.5°	18143.8	19148.4	20083.8	21770.0	22346.4	22886.6	23291.6	23611.2	23805.4	24003.0	24095.2
63°	18167.0	19267.0	20261.6	22000.6	22606.6	23120.4	23505.8	23802.2	24006.4	24124.8	24184.2
65°	17610.4	18944.2	20129.8	21862.2	22432.0	22949.2	23150.0	23344.4	23443.2	23489.2	23314.6
67.5°	14926.2	16230.4	17613.6	19550.2	20037.6	20656.8	20821.6	20920.4	20966.4	20956.6	20808.4
70°	11161.6	12255.2	13793.2	16006.4	16652.0	17258.0	17633.4	17794.8	17847.4	17831.0	17610.4
72.5°	7792.4	8434.6	9702.6	12166.2	13045.6	13822.8	14287.2	14527.6	14577.0	14478.2	14274.0
75°	6544.2	6577.2	6863.6	8210.6	9034.0	9864.0	10387.6	10539.2	10440.4	10140.6	9620.4
77.5°	5842.6	5915.2	5915.2	6116.0	6277.4	6508.0	6557.4	6188.4	5760.4	5207.0	4759.2
80°	4900.8	5154.4	5332.2	5480.4	5496.8	5450.8	5328.8	5121.4	4792.0	4370.4	3902.8
82.5°	2977.4	3478.0	3682.2	4446.2	4821.6	5075.2	5055.6	4778.8	4528.6	4090.6	3692.0
85°	751.0	810.2	879.4	1142.8	1281.2	1564.4	1742.2	1824.6	1854.2	1702.8	1541.4
87.5°	72.4	49.4	82.4	62.6	89.0	65.8	89.0	82.4	102.0	108.6	118.6
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):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	695.0	695.0	695.0	695.0	695.0	695.0	695.0	695.0	695.0	695.0	695.0
2.5°	767.4	764.0	760.8	757.6	754.2	751.0	744.4	744.4	737.8	734.4	731.2
5°	853.0	846.4	843.2	836.6	826.6	820.0	810.2	797.0	787.2	783.8	777.2
7.5°	961.8	945.2	938.6	928.8	915.6	895.8	882.6	872.8	856.4	846.4	826.6
10°	1083.6	1067.0	1047.4	1027.6	1007.8	984.8	968.2	955.2	928.8	915.6	892.6
12.5°	1238.4	1208.8	1185.6	1159.4	1133.0	1106.6	1086.8	1047.4	1024.2	994.6	974.8
15°	1396.4	1370.0	1343.8	1310.8	1271.2	1228.4	1208.8	1172.4	1142.8	1096.8	1070.4
17.5°	1587.4	1538.0	1498.6	1459.0	1422.8	1383.2	1343.8	1287.8	1245.0	1205.4	1152.8
20°	1775.2	1716.0	1673.0	1620.4	1567.8	1505.2	1459.0	1419.4	1360.2	1307.6	1251.6
22.5°	1976.0	1916.8	1847.6	1795.0	1722.6	1673.0	1610.6	1544.6	1485.4	1416.2	1347.0
25°	2219.8	2157.2	2078.2	2009.0	1926.6	1857.6	1781.8	1706.0	1633.6	1554.6	1465.6
27.5°	2519.6	2453.6	2368.0	2285.6	2177.0	2091.4	2019.0	1916.8	1824.6	1725.8	1623.6
30°	2898.2	2825.8	2720.4	2601.8	2493.2	2397.6	2295.6	2160.6	2058.4	1939.8	1808.2
32.5°	3392.4	3306.6	3165.0	3053.0	2918.0	2792.8	2651.2	2516.2	2371.4	2216.6	2065.0
35°	4014.8	3935.8	3771.0	3606.4	3458.2	3310.0	3132.2	2977.4	2773.2	2585.4	2391.0
37.5°	4660.4	4518.6	4367.2	4189.4	4004.8	3827.0	3609.6	3395.6	3161.8	2957.6	2713.8
40°	5398.0	5226.8	5101.6	4910.6	4650.4	4396.8	4196.0	3929.2	3636.0	3362.6	3076.2
42.5°	6409.2	6218.2	5994.2	5704.4	5516.6	5220.2	4960.0	4643.8	4258.4	3952.2	3606.4
45°	7578.4	7318.2	7100.8	6820.8	6593.6	6224.8	5921.8	5500.2	5114.8	4713.0	4291.4
47.5°	8912.2	8589.4	8273.2	7996.6	7634.4	7272.0	6886.8	6438.8	5944.8	5503.4	5002.8
50°	10443.6	9985.8	9547.8	9192.2	8694.8	8276.6	7858.2	7354.4	6807.6	6300.4	5730.6
52.5°	12146.4	11616.2	11036.6	10489.8	9913.4	9376.6	8872.6	8293.0	7683.8	7064.6	6429.0
55°	14201.6	13803.0	13121.4	12426.4	11655.6	10937.8	10288.8	9571.0	8829.8	8016.4	7347.8
57.5°	17419.4	17225.0	16655.2	15960.4	14955.8	14083.0	12983.0	12103.6	11030.0	9910.2	9047.2
60°	21780.0	21539.4	21220.0	20656.8	19859.8	18674.2	17462.2	16095.4	14461.8	12910.6	11438.4
62.5°	24105.2	24019.4	23759.4	23370.6	22626.4	21691.0	20469.2	18967.2	17123.0	15239.0	13361.8
63°	24174.2	24065.6	23841.6	23446.4	22791.0	21885.4	20686.4	19227.4	17422.6	15502.6	13585.6
65°	23239.0	23196.2	22968.8	22537.4	22089.6	21397.8	20469.2	19214.2	17699.2	15884.6	13977.6
67.5°	20610.8	20482.2	20133.2	20001.4	19688.6	19207.6	18499.6	17636.6	16553.2	15127.0	13480.2
70°	17432.4	17241.4	16803.4	16569.6	16187.6	15884.6	15453.2	14837.2	14168.6	13174.0	11945.6
72.5°	14063.2	13668.0	13266.2	12657.0	12123.4	11583.2	11105.6	10671.0	9936.4	9534.6	8602.6
75°	9132.8	8414.8	7726.6	6804.4	5974.4	5240.0	4525.2	4163.0	3408.8	3102.4	2664.4
77.5°	4334.2	3932.4	3392.4	2974.0	2440.4	1992.6	1627.0	1221.8	958.4	751.0	573.0
80°	3497.6	3158.4	2832.4	2453.6	2051.8	1636.8	1254.8	938.6	665.2	461.0	326.0
82.5°	3119.0	2750.0	2348.2	2088.0	1814.8	1485.4	1218.6	994.6	734.4	536.8	365.6
85°	1212.0	1021.0	787.2	642.2	500.6	411.6	372.2	256.8	201.0	158.0	121.8
87.5°	105.4	85.6	69.2	46.2	49.4	26.4	29.6	19.8	16.4	16.4	13.2
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):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	695.0	695.0	695.0	695.0	695.0	695.0	695.0	695.0	695.0	695.0	695.0
2.5°	727.8	724.6	721.2	714.6	714.6	708.2	704.8	701.6	685.0	648.8	619.2
5°	764.0	757.6	751.0	741.0	734.4	724.6	718.0	708.2	671.8	602.8	543.4
7.5°	816.8	803.6	793.8	774.0	764.0	751.0	741.0	724.6	665.2	559.8	477.6
10°	879.4	856.4	839.8	816.8	797.0	780.6	764.0	741.0	658.6	513.8	418.2
12.5°	955.2	928.8	895.8	869.4	843.2	820.0	797.0	767.4	648.8	474.2	372.2
15°	1030.8	991.4	968.2	932.0	895.8	862.8	830.0	803.6	652.2	431.4	332.6
17.5°	1116.4	1077.0	1027.6	988.0	948.6	905.8	866.2	813.4	635.6	398.6	303.0
20°	1198.8	1142.8	1096.8	1047.4	991.4	938.6	889.2	843.2	622.4	365.6	276.6
22.5°	1287.8	1221.8	1162.6	1100.0	1030.8	971.6	912.2	853.0	599.4	336.0	253.6
25°	1396.4	1320.6	1235.0	1159.4	1086.8	1014.4	938.6	866.2	576.4	309.6	237.2
27.5°	1528.2	1429.4	1343.8	1248.2	1146.2	1054.0	971.6	892.6	553.4	289.8	220.6
30°	1696.2	1580.8	1459.0	1337.2	1228.4	1123.0	1007.8	909.0	530.2	270.0	204.2
32.5°	1920.2	1775.2	1627.0	1485.4	1340.4	1205.4	1083.6	955.2	517.0	253.6	187.8
35°	2216.6	2028.8	1847.6	1669.8	1495.2	1330.6	1172.4	1027.6	517.0	233.8	168.0
37.5°	2496.4	2279.2	2048.6	1827.8	1620.4	1429.4	1241.6	1067.0	490.8	217.4	151.6
40°	2799.4	2539.2	2269.2	2009.0	1758.8	1521.6	1307.6	1106.6	467.6	197.6	135.0
42.5°	3263.8	2934.6	2582.2	2279.2	1979.4	1686.2	1419.4	1182.4	438.0	177.8	118.6
45°	3873.2	3454.8	3040.0	2671.0	2289.0	1930.0	1613.8	1320.6	431.4	161.4	102.0
47.5°	4525.2	4031.2	3543.8	3072.8	2625.0	2206.6	1827.8	1475.4	431.4	145.0	89.0
50°	5174.0	4555.0	4034.6	3487.8	2984.0	2489.8	2038.6	1636.8	434.8	131.8	72.4
52.5°	5760.4	5098.4	4515.4	3883.0	3326.4	2753.4	2262.6	1795.0	428.2	115.2	59.2
55°	6573.8	5796.6	5121.4	4423.2	3771.0	3125.6	2569.0	2032.0	431.4	102.0	49.4
57.5°	8072.4	7160.0	6346.6	5431.0	4680.0	3846.8	3171.6	2519.6	471.0	85.6	36.2
60°	10223.0	9037.4	7894.6	6778.0	5823.0	4831.6	3955.4	3188.2	553.4	69.2	26.4
62.5°	11668.8	10117.6	8754.2	7522.4	6412.4	5375.0	4419.8	3547.0	609.2	56.0	16.4
63°	11817.0	10213.2	8843.0	7571.8	6438.8	5401.4	4439.6	3573.4	612.6	52.6	16.4
65°	12097.0	10377.8	8892.4	7581.6	6412.4	5365.2	4426.4	3570.2	619.2	42.8	13.2
67.5°	11777.6	10124.2	8606.0	7298.4	6181.8	5151.0	4261.8	3438.4	615.8	29.6	9.8
70°	10532.6	9162.6	7828.6	6610.0	5595.6	4663.6	3879.8	3135.4	566.4	19.8	6.6
72.5°	7733.2	6801.0	5767.0	4887.6	4215.6	3501.0	2987.2	2354.8	438.0	13.2	3.2
75°	2292.2	2088.0	1755.4	1548.0	1366.8	1129.6	1004.6	783.8	224.0	6.6	0.0
77.5°	457.8	415.0	372.2	339.2	319.4	273.4	260.2	214.0	92.2	3.2	0.0
80°	240.4	197.6	168.0	148.2	128.4	105.4	89.0	72.4	16.4	0.0	0.0
82.5°	230.6	154.8	112.0	92.2	79.0	62.6	49.4	36.2	9.8	0.0	0.0
85°	85.6	65.8	49.4	39.6	33.0	29.6	23.0	19.8	0.0	0.0	0.0
87.5°	13.2	9.8	9.8	6.6	6.6	3.2	3.2	3.2	0.0	0.0	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):

	125°	135°	145°	155°	165°	175°	180°
0°	695.0	695.0	695.0	695.0	695.0	695.0	695.0
2.5°	589.6	563.2	550.0	533.6	533.6	530.2	536.8
5°	490.8	454.6	428.2	408.4	411.6	401.8	405.2
7.5°	415.0	378.8	355.6	342.6	339.2	336.0	336.0
10°	359.0	326.0	306.2	296.4	293.2	293.2	293.2
12.5°	319.4	286.6	270.0	263.4	263.4	260.2	260.2
15°	286.6	260.2	243.8	237.2	237.2	233.8	237.2
17.5°	260.2	233.8	220.6	214.0	214.0	210.8	210.8
20°	237.2	214.0	201.0	191.0	191.0	187.8	191.0
22.5°	217.4	194.4	177.8	171.2	168.0	164.6	168.0
25°	197.6	174.6	158.0	148.2	145.0	145.0	141.6
27.5°	181.2	158.0	138.4	128.4	125.2	125.2	121.8
30°	164.6	138.4	118.6	108.6	105.4	105.4	105.4
32.5°	148.2	118.6	102.0	92.2	89.0	89.0	89.0
35°	131.8	102.0	85.6	75.8	72.4	72.4	72.4
37.5°	112.0	85.6	65.8	59.2	56.0	52.6	52.6
40°	95.6	65.8	49.4	42.8	36.2	36.2	36.2
42.5°	79.0	52.6	36.2	26.4	23.0	19.8	23.0
45°	65.8	39.6	23.0	13.2	9.8	9.8	9.8
47.5°	52.6	26.4	9.8	3.2	3.2	3.2	3.2
50°	39.6	16.4	3.2	0.0	0.0	3.2	3.2
52.5°	29.6	9.8	0.0	0.0	0.0	0.0	0.0
55°	16.4	3.2	0.0	0.0	0.0	0.0	0.0
57.5°	9.8	0.0	0.0	0.0	0.0	0.0	0.0
60°	6.6	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	3.2	0.0	0.0	0.0	0.0	0.0	0.0
63°	3.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	3.2	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)