

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: P165078

Luminaire Tested: **VST-E08-LED-E-U-SL2-HSS-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P165078
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-E08-LED-E-U-SL2-HSS-7050
Description: VENTUS LED SITE/ROADWAY LUMINAIRE
(8) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD
Light Source: (168) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14871.6 lumens
Efficiency: N/A
Efficacy: 76.5 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.33' x L: 1' x H: 0.1')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B0 - U0 - G3

Input Watts (W): 194.5
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

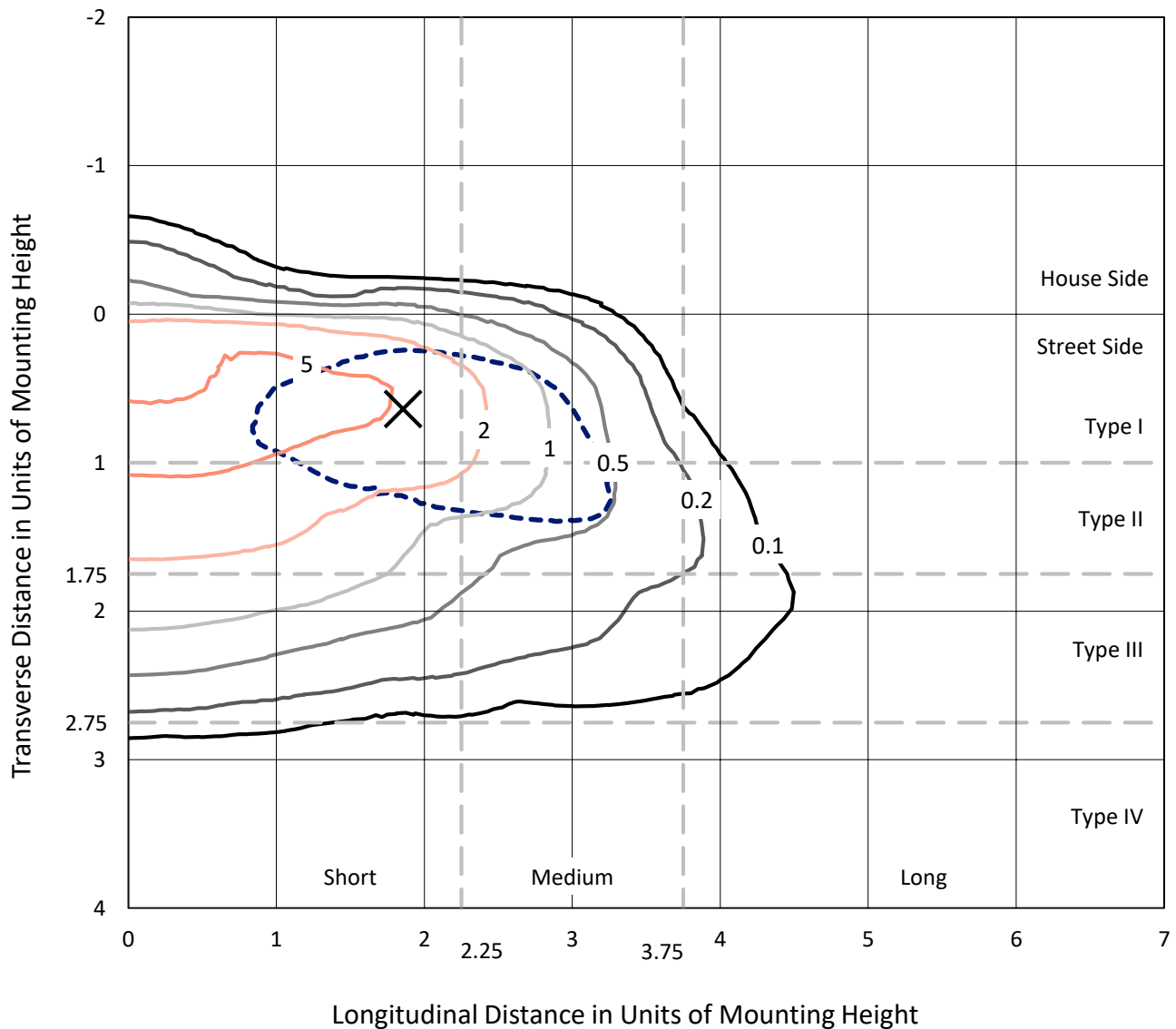


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

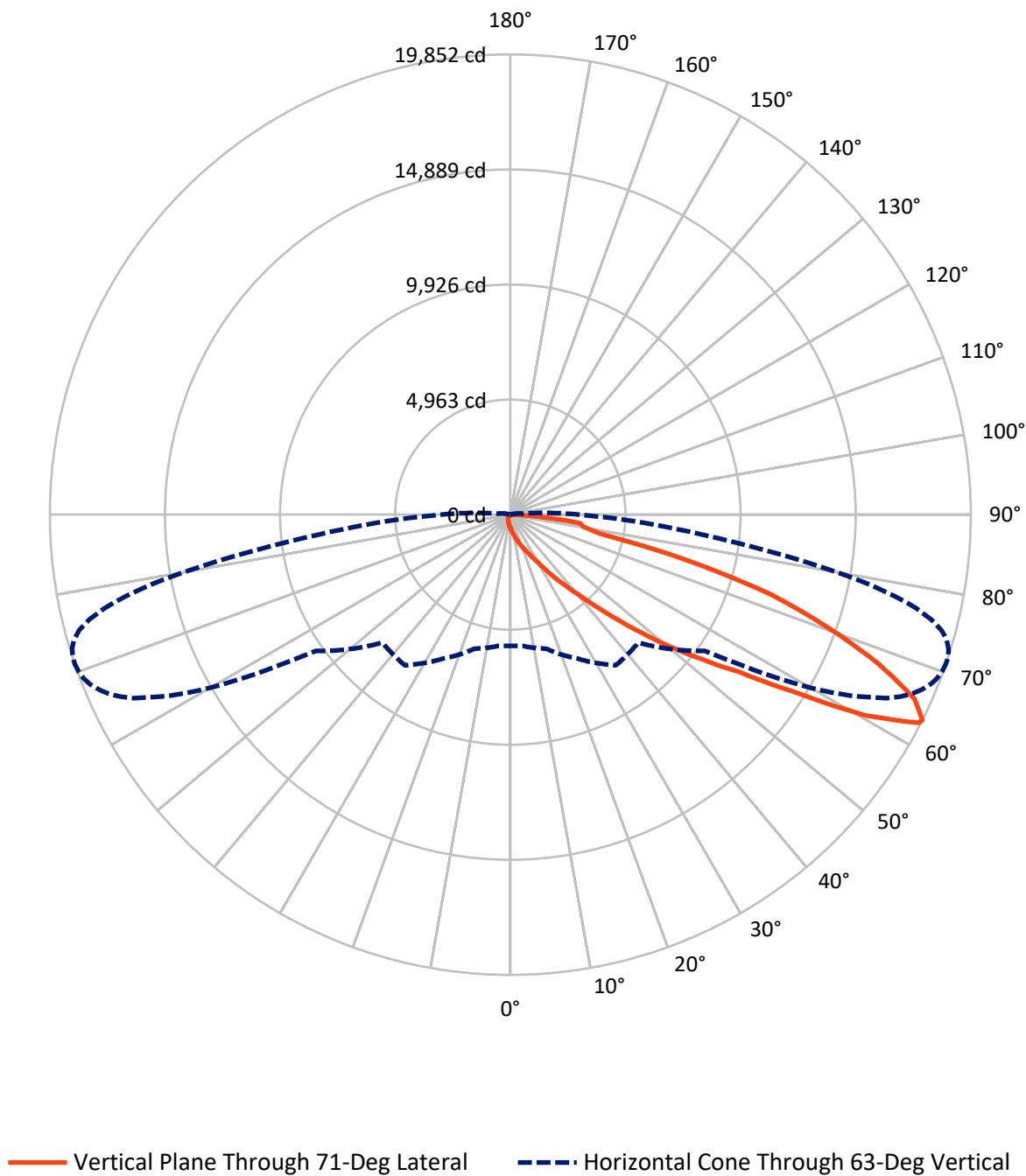


Based on 20 foot mounting height. Maximum calculated value = 7.8 fc
Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	315.7	0.0	315.7
	% Fixture	2.1	0.0	2.1
Street Side	Lumens	14555.9	0.0	14555.9
	% Fixture	97.9	0.0	97.9
Total	Lumens	14871.6	0.0	14871.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.1	0.4
10°-20°	244.5	1.6
20°-30°	496.7	3.3
30°-40°	1213.5	8.2
40°-50°	2713.8	18.2
50°-60°	3815.9	25.7
60°-70°	4487.2	30.2
70°-80°	1620.3	10.9
80°-90°	216.7	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°	14871.6	100.0
0°-180°	14871.6	100.0

Coefficient of Utilization



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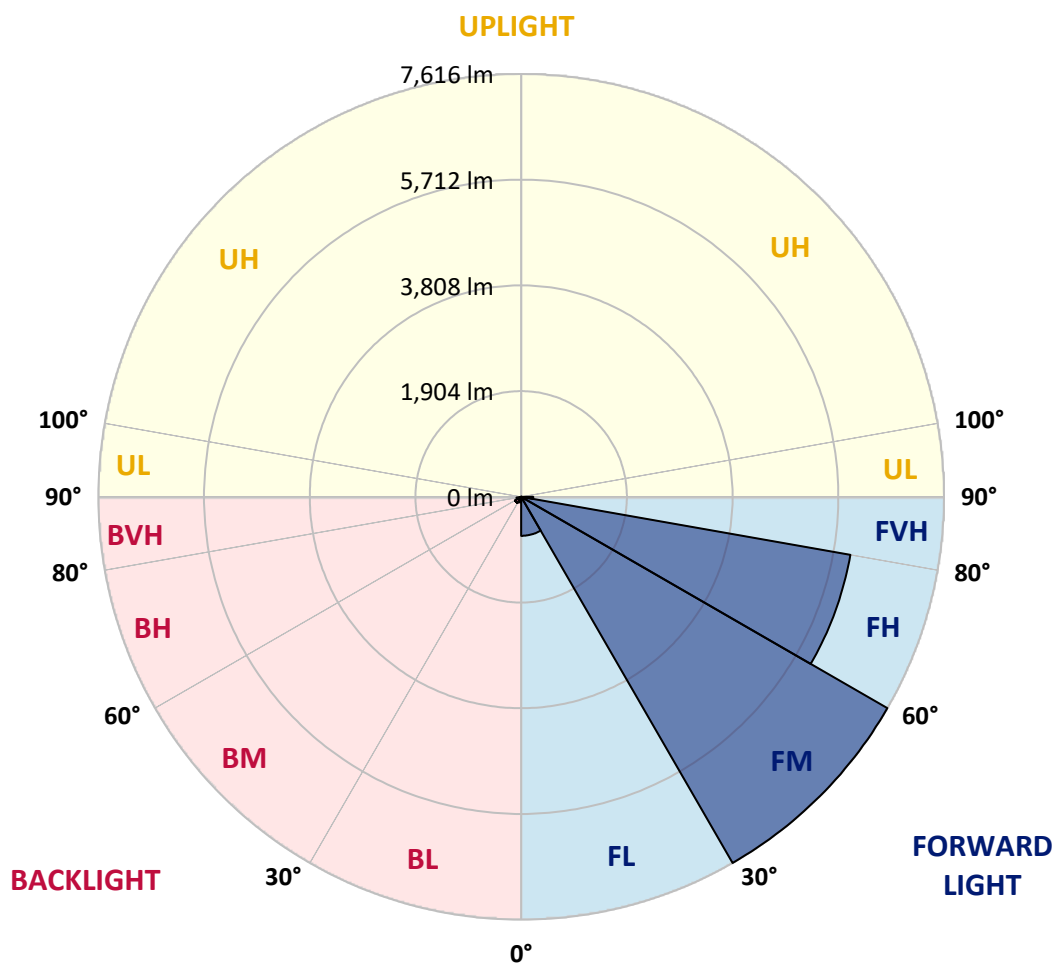
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	702.7	4.7			
FM	(30°-60°)	7616.0	51.2			
FH	(60°-80°)	6021.0	40.5			G3/7500
FVH	(80°-90°)	216.2	1.5			G2/225
BL	(0°-30°)	101.5	0.7	B0/110		
BM	(30°-60°)	127.2	0.9	B0/220		
BH	(60°-80°)	86.6	0.6	B0/110		G0/110
BVH	(80°-90°)	0.5	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	570.5	570.5	570.5	570.5	570.5	570.5	570.5	570.5	570.5	570.5	570.5
2.5°	746.2	754.2	748.8	735.3	719.1	697.6	678.5	678.5	675.9	667.7	670.5
5°	978.7	981.4	970.6	938.1	908.4	862.4	811.0	805.6	800.2	792.2	789.5
7.5°	1205.9	1216.6	1205.9	1170.6	1111.1	1040.9	959.8	951.7	935.5	935.5	924.6
10°	1438.4	1438.4	1427.5	1387.0	1332.8	1232.8	1130.0	1116.6	1097.7	1092.3	1076.0
12.5°	1603.2	1603.2	1597.8	1576.3	1532.9	1443.8	1319.3	1305.9	1281.6	1273.4	1254.5
15°	1668.0	1668.0	1670.8	1689.7	1692.5	1651.9	1522.1	1511.2	1486.9	1465.3	1457.2
17.5°	1708.6	1706.0	1706.0	1733.1	1781.6	1808.7	1724.8	1714.0	1687.1	1676.2	1649.2
20°	1797.9	1792.5	1776.2	1776.2	1822.2	1916.8	1916.8	1914.1	1884.4	1876.2	1862.8
22.5°	1930.4	1925.0	1876.2	1835.7	1857.3	1976.4	2087.2	2081.8	2070.9	2060.1	2052.0
25°	2146.6	2127.7	2043.8	1925.0	1906.1	2033.2	2216.9	2230.5	2238.6	2238.6	2244.0
27.5°	2473.8	2449.5	2300.8	2079.1	1995.2	2124.9	2360.2	2387.3	2411.6	2417.0	2441.3
30°	2927.9	2884.8	2671.2	2346.7	2154.8	2260.2	2571.2	2600.9	2636.0	2646.9	2684.6
32.5°	3674.1	3649.8	3444.4	2957.6	2546.7	2525.2	2865.9	2903.6	2949.6	2968.5	3014.5
35°	4809.7	4815.1	4647.5	4209.5	3641.8	3344.3	3393.0	3425.4	3441.6	3498.4	3522.7
37.5°	5580.2	5593.7	5631.6	5458.6	5053.0	4750.1	4368.9	4404.2	4320.3	4328.4	4331.2
40°	6002.0	6045.2	6267.0	6434.6	6402.1	6226.4	5920.9	5939.8	5783.0	5747.8	5577.4
42.5°	6283.0	6339.9	6694.1	7213.1	7478.1	7637.7	7567.4	7559.2	7437.5	7391.6	7248.2
45°	6458.9	6510.3	6956.3	7721.4	8332.5	8797.4	8989.3	9011.0	8908.2	8862.3	8743.4
47.5°	6450.7	6510.3	6988.7	7910.7	8811.0	9554.4	10095.2	10122.2	10184.4	10143.8	10151.9
50°	6093.9	6150.7	6631.9	7588.9	8670.3	9900.5	10890.0	10976.5	11076.5	11144.2	11176.7
52.5°	5661.3	5701.9	6129.1	7037.4	8070.1	9757.2	11360.4	11509.1	11657.9	11784.9	11874.1
55°	5501.7	5547.7	5882.9	6637.3	7588.9	9157.0	11579.4	11798.4	12009.4	12217.6	12387.8
57.5°	5585.6	5628.8	5869.5	6448.0	7302.4	8524.4	11641.6	11982.3	12328.4	12666.2	13001.5
60°	5893.8	5939.8	6145.3	6623.7	7226.7	8159.4	11398.3	11963.4	12539.2	13128.6	13682.8
62.5°	5772.1	5791.0	6093.9	6932.0	7767.4	7848.5	10514.2	11303.7	12182.4	13090.8	13985.6
63°	5655.9	5677.6	5985.7	6848.1	7932.4	7802.5	10241.2	11073.9	12001.2	12979.8	13953.2
65°	5128.7	5131.3	5366.6	6047.9	7748.5	7883.6	9024.6	9819.4	10884.6	12058.0	13288.1
67.5°	3828.3	3809.4	4036.5	4555.6	6083.1	7886.4	7745.7	8191.9	8932.7	9973.6	11076.5
70°	1357.3	1327.5	1695.1	2414.2	3790.4	6450.7	6656.2	6685.9	6891.5	7453.8	8146.0
72.5°	440.7	448.9	540.6	884.1	1746.5	4342.0	6026.3	5934.3	5880.3	5877.5	5969.5
75°	175.7	178.5	216.2	392.1	784.1	2092.6	5277.5	5328.7	5347.7	5374.7	5404.5
77.5°	83.7	91.9	121.7	219.0	389.3	1035.5	3776.9	4212.1	4460.8	4652.9	4769.2
80°	29.7	35.1	67.6	135.1	181.1	475.8	1989.8	2400.8	2765.7	3236.3	3641.8
82.5°	0.0	0.0	13.5	94.6	100.0	191.9	816.5	957.0	1094.9	1419.3	1822.2
85°	0.0	0.0	0.0	27.1	29.7	32.5	275.8	332.6	373.2	435.2	502.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	2.6	8.0	16.3	40.6	62.2
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):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	570.5	570.5	570.5	570.5	570.5	570.5	570.5	570.5	570.5	570.5	570.5
2.5°	665.1	662.5	662.5	657.0	654.2	648.8	646.2	638.0	635.4	635.4	635.4
5°	786.7	775.9	770.5	757.0	748.8	746.2	732.7	727.3	719.1	721.9	708.3
7.5°	921.9	903.0	894.9	875.9	870.6	851.6	846.2	832.7	824.7	808.4	803.0
10°	1070.6	1046.3	1032.8	1003.0	994.9	981.4	965.2	948.9	935.5	919.2	911.2
12.5°	1241.0	1219.3	1208.5	1168.0	1149.1	1130.0	1108.5	1086.9	1065.2	1051.7	1032.8
15°	1441.0	1405.8	1395.0	1357.3	1324.7	1300.4	1270.7	1243.6	1227.4	1200.5	1181.4
17.5°	1638.3	1603.2	1595.1	1538.3	1503.2	1486.9	1454.6	1419.3	1389.6	1362.7	1332.8
20°	1835.7	1811.4	1789.7	1735.7	1697.9	1670.8	1627.5	1592.4	1568.1	1530.3	1492.4
22.5°	2033.2	2008.7	1992.6	1935.8	1900.7	1862.8	1825.0	1787.1	1751.9	1706.0	1662.8
25°	2235.9	2219.7	2211.5	2160.2	2127.7	2092.6	2054.7	2011.5	1968.2	1916.8	1871.0
27.5°	2446.7	2452.1	2435.9	2425.1	2389.9	2365.6	2306.2	2276.5	2244.0	2181.7	2124.9
30°	2714.3	2730.6	2725.2	2733.4	2711.7	2695.5	2649.5	2611.7	2573.8	2514.4	2449.5
32.5°	3052.4	3074.0	3084.7	3114.6	3103.8	3098.3	3084.7	3030.7	3003.6	2901.0	2873.9
35°	3574.1	3563.3	3609.3	3633.6	3622.7	3617.5	3601.2	3571.5	3539.0	3465.9	3398.5
37.5°	4252.7	4263.5	4279.8	4231.2	4198.7	4196.0	4147.3	4117.6	4071.6	3990.5	3909.4
40°	5496.3	5428.8	5353.2	5147.6	5058.5	5007.1	4863.7	4823.2	4744.7	4633.9	4550.2
42.5°	7113.1	7045.5	6818.4	6475.1	6291.3	6037.1	5920.9	5777.5	5666.7	5485.6	5388.3
45°	8719.1	8524.4	8497.3	8097.2	7870.1	7534.9	7326.7	7086.0	6834.7	6596.8	6423.7
47.5°	10073.6	10030.2	9897.9	9654.4	9443.6	9162.4	8894.8	8524.4	8264.8	7927.0	7616.0
50°	11157.6	11155.0	11106.2	10965.7	10790.0	10563.0	10327.7	10014.1	9719.4	9305.7	8973.3
52.5°	11968.8	12012.0	12028.3	11984.9	11917.4	11717.3	11598.4	11336.1	11087.4	10735.9	10376.3
55°	12563.5	12723.1	12804.2	12896.1	12877.2	12806.9	12801.5	12631.1	12517.7	12239.1	11984.9
57.5°	13299.0	13561.2	13812.5	14258.8	14274.9	14431.8	14512.9	14594.0	14615.5	14504.7	14421.0
60°	14234.3	14769.7	15245.5	16178.3	16421.6	16805.5	17054.2	17324.6	17554.3	17573.3	17567.9
62.5°	14894.0	15718.6	16486.5	17870.7	18343.8	18787.3	19119.7	19382.1	19541.5	19703.7	19779.4
63°	14913.0	15816.0	16632.4	18059.9	18557.4	18979.2	19295.5	19538.9	19706.5	19803.7	19852.4
65°	14456.1	15551.0	16524.2	17946.3	18414.1	18838.6	19003.5	19163.1	19244.2	19281.9	19138.6
67.5°	12252.7	13323.3	14458.7	16048.5	16448.6	16956.8	17092.1	17173.2	17211.0	17202.9	17081.3
70°	9162.4	10060.1	11322.6	13139.4	13669.4	14166.8	14475.0	14607.5	14650.7	14637.2	14456.1
72.5°	6396.7	6923.8	7964.7	9987.0	10708.9	11346.9	11728.1	11925.5	11966.0	11884.9	11717.3
75°	5372.0	5399.1	5634.2	6740.0	7415.9	8097.2	8527.0	8651.5	8570.4	8324.3	7897.2
77.5°	4796.1	4855.7	4855.7	5020.5	5153.0	5342.3	5382.9	5080.0	4728.6	4274.3	3906.8
80°	4023.0	4231.2	4377.1	4498.8	4512.2	4474.5	4374.3	4204.1	3933.7	3587.6	3203.7
82.5°	2444.1	2855.0	3022.7	3649.8	3958.0	4166.2	4150.1	3922.8	3717.5	3357.9	3030.7
85°	616.5	665.1	721.9	938.1	1051.7	1284.2	1430.1	1497.8	1522.1	1397.8	1265.3
87.5°	59.4	40.6	67.6	51.4	73.1	54.0	73.1	67.6	83.7	89.1	97.4
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):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	570.5	570.5	570.5	570.5	570.5	570.5	570.5	570.5	570.5	570.5	570.5
2.5°	629.9	627.2	624.5	621.9	619.1	616.5	611.1	611.1	605.6	602.9	600.2
5°	700.2	694.8	692.2	686.8	678.5	673.1	665.1	654.2	646.2	643.4	638.0
7.5°	789.5	775.9	770.5	762.4	751.6	735.3	724.5	716.5	703.0	694.8	678.5
10°	889.5	875.9	859.8	843.5	827.3	808.4	794.8	784.1	762.4	751.6	732.7
12.5°	1016.6	992.3	973.2	951.7	930.1	908.4	892.1	859.8	840.7	816.5	800.2
15°	1146.3	1124.6	1103.1	1076.0	1043.5	1008.4	992.3	962.4	938.1	900.3	878.7
17.5°	1303.1	1262.5	1230.2	1197.7	1168.0	1135.4	1103.1	1057.1	1022.0	989.5	946.3
20°	1457.2	1408.6	1373.3	1330.2	1287.0	1235.6	1197.7	1165.2	1116.6	1073.4	1027.4
22.5°	1622.1	1573.5	1516.7	1473.5	1414.1	1373.3	1322.1	1267.9	1219.3	1162.5	1105.7
25°	1822.2	1770.8	1706.0	1649.2	1581.5	1524.9	1462.7	1400.4	1341.0	1276.1	1203.1
27.5°	2068.3	2014.1	1943.9	1876.2	1787.1	1716.8	1657.4	1573.5	1497.8	1416.7	1332.8
30°	2379.1	2319.7	2233.1	2135.8	2046.6	1968.2	1884.4	1773.6	1689.7	1592.4	1484.3
32.5°	2784.8	2714.3	2598.1	2506.2	2395.3	2292.6	2176.3	2065.5	1946.6	1819.6	1695.1
35°	3295.7	3230.8	3095.6	2960.4	2838.8	2717.1	2571.2	2444.1	2276.5	2122.3	1962.7
37.5°	3825.6	3709.2	3585.0	3439.0	3287.5	3141.5	2963.1	2787.4	2595.5	2427.8	2227.7
40°	4431.1	4290.6	4187.8	4031.0	3817.4	3609.3	3444.4	3225.4	2984.7	2760.3	2525.2
42.5°	5261.2	5104.4	4920.5	4682.7	4528.5	4285.2	4071.6	3812.0	3495.7	3244.3	2960.4
45°	6221.0	6007.4	5828.9	5599.1	5412.6	5109.8	4861.1	4515.0	4198.7	3868.8	3522.7
47.5°	7315.9	7050.9	6791.3	6564.3	6267.0	5969.5	5653.3	5285.5	4880.0	4517.7	4106.7
50°	8573.0	8197.2	7837.6	7545.7	7137.4	6794.1	6450.7	6037.1	5588.3	5171.9	4704.2
52.5°	9970.8	9535.6	9059.8	8610.9	8137.8	7697.1	7283.4	6807.6	6307.5	5799.2	5277.5
55°	11657.9	11330.7	10771.2	10200.6	9567.9	8978.7	8445.9	7856.7	7248.2	6580.5	6031.7
57.5°	14299.3	14139.7	13672.0	13101.6	12277.0	11560.5	10657.5	9935.7	9054.4	8135.1	7426.7
60°	17878.9	17681.4	17419.2	16956.8	16302.6	15329.4	14334.4	13212.5	11871.5	10598.1	9389.6
62.5°	19787.6	19717.1	19503.7	19184.6	18573.7	17805.8	16802.8	15569.9	14056.0	12509.5	10968.5
63°	19844.2	19755.1	19571.2	19246.8	18708.8	17965.4	16981.1	15783.5	14301.9	12725.8	11152.2
65°	19076.5	19041.4	18854.7	18500.6	18133.0	17565.1	16802.8	15772.6	14529.0	13039.4	11474.0
67.5°	16919.1	16813.5	16527.0	16418.8	16162.1	15767.2	15186.0	14477.6	13588.3	12417.5	11065.7
70°	14310.0	14153.2	13793.6	13601.7	13288.1	13039.4	12685.3	12179.6	11630.8	10814.3	9806.0
72.5°	11544.3	11219.8	10890.0	10389.9	9951.9	9508.5	9116.4	8759.7	8156.6	7826.8	7061.7
75°	7497.0	6907.6	6342.6	5585.6	4904.3	4301.4	3714.7	3417.3	2798.2	2546.7	2187.2
77.5°	3557.9	3228.0	2784.8	2441.3	2003.3	1635.7	1335.6	1003.0	786.7	616.5	470.4
80°	2871.1	2592.7	2325.1	2014.1	1684.3	1343.6	1030.0	770.5	546.1	378.4	267.6
82.5°	2560.3	2257.4	1927.6	1714.0	1489.7	1219.3	1000.3	816.5	602.9	440.7	300.1
85°	994.9	838.1	646.2	527.2	410.9	337.9	305.5	210.8	165.0	129.7	100.0
87.5°	86.5	70.3	56.8	37.9	40.6	21.7	24.3	16.3	13.5	13.5	10.8
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):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	570.5	570.5	570.5	570.5	570.5	570.5	570.5	570.5	570.5	570.5	570.5
2.5°	597.4	594.8	592.0	586.6	586.6	581.4	578.6	575.9	562.3	532.6	508.3
5°	627.2	621.9	616.5	608.3	602.9	594.8	589.4	581.4	551.5	494.8	446.1
7.5°	670.5	659.7	651.6	635.4	627.2	616.5	608.3	594.8	546.1	459.5	392.1
10°	721.9	703.0	689.4	670.5	654.2	640.8	627.2	608.3	540.6	421.8	343.3
12.5°	784.1	762.4	735.3	713.7	692.2	673.1	654.2	629.9	532.6	389.3	305.5
15°	846.2	813.8	794.8	765.1	735.3	708.3	681.3	659.7	535.4	354.1	273.0
17.5°	916.4	884.1	843.5	811.0	778.7	743.6	711.1	667.7	521.8	327.2	248.7
20°	984.1	938.1	900.3	859.8	813.8	770.5	729.9	692.2	510.9	300.1	227.1
22.5°	1057.1	1003.0	954.4	903.0	846.2	797.6	748.8	700.2	492.0	275.8	208.2
25°	1146.3	1084.1	1013.8	951.7	892.1	832.7	770.5	711.1	473.2	254.1	194.7
27.5°	1254.5	1173.4	1103.1	1024.6	940.9	865.2	797.6	732.7	454.3	237.9	181.1
30°	1392.4	1297.7	1197.7	1097.7	1008.4	921.9	827.3	746.2	435.2	221.6	167.6
32.5°	1576.3	1457.2	1335.6	1219.3	1100.3	989.5	889.5	784.1	424.4	208.2	154.2
35°	1819.6	1665.4	1516.7	1370.7	1227.4	1092.3	962.4	843.5	424.4	191.9	137.9
37.5°	2049.3	1871.0	1681.7	1500.4	1330.2	1173.4	1019.2	875.9	402.9	178.5	124.4
40°	2298.0	2084.4	1862.8	1649.2	1443.8	1249.1	1073.4	908.4	383.8	162.2	110.8
42.5°	2679.2	2409.0	2119.7	1871.0	1624.9	1384.2	1165.2	970.6	359.5	146.0	97.4
45°	3179.4	2836.0	2495.5	2192.6	1879.0	1584.3	1324.7	1084.1	354.1	132.5	83.7
47.5°	3714.7	3309.1	2909.0	2522.4	2154.8	1811.4	1500.4	1211.1	354.1	119.0	73.1
50°	4247.3	3739.1	3311.9	2863.1	2449.5	2043.8	1673.5	1343.6	356.9	108.2	59.4
52.5°	4728.6	4185.2	3706.6	3187.5	2730.6	2260.2	1857.3	1473.5	351.5	94.6	48.6
55°	5396.3	4758.3	4204.1	3630.9	3095.6	2565.8	2108.9	1668.0	354.1	83.7	40.6
57.5°	6626.5	5877.5	5209.8	4458.2	3841.7	3157.8	2603.5	2068.3	386.6	70.3	29.7
60°	8391.9	7418.7	6480.6	5564.0	4780.0	3966.2	3246.9	2617.1	454.3	56.8	21.7
62.5°	9578.7	8305.4	7186.2	6175.0	5263.8	4412.3	3628.1	2911.7	500.1	46.0	13.5
63°	9700.4	8383.9	7259.1	6215.6	5285.5	4433.9	3644.4	2933.3	502.9	43.2	13.5
65°	9930.2	8519.0	7299.6	6223.6	5263.8	4404.2	3633.6	2930.7	508.3	35.1	10.8
67.5°	9668.0	8310.8	7064.5	5991.1	5074.5	4228.4	3498.4	2822.5	505.5	24.3	8.0
70°	8646.0	7521.4	6426.4	5426.0	4593.3	3828.3	3184.9	2573.8	464.9	16.3	5.4
72.5°	6348.1	5582.8	4734.0	4012.2	3460.5	2873.9	2452.1	1933.0	359.5	10.8	2.6
75°	1881.6	1714.0	1441.0	1270.7	1122.0	927.3	824.7	643.4	183.9	5.4	0.0
77.5°	375.8	340.7	305.5	278.4	262.2	224.4	213.6	175.7	75.7	2.6	0.0
80°	197.3	162.2	137.9	121.7	105.4	86.5	73.1	59.4	13.5	0.0	0.0
82.5°	189.3	127.1	91.9	75.7	64.8	51.4	40.6	29.7	8.0	0.0	0.0
85°	70.3	54.0	40.6	32.5	27.1	24.3	18.9	16.3	0.0	0.0	0.0
87.5°	10.8	8.0	8.0	5.4	5.4	2.6	2.6	2.6	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°	570.5	570.5	570.5	570.5	570.5	570.5	570.5
2.5°	484.0	462.3	451.5	438.0	438.0	435.2	440.7
5°	402.9	373.2	351.5	335.2	337.9	329.8	332.6
7.5°	340.7	311.0	291.9	281.2	278.4	275.8	275.8
10°	294.7	267.6	251.4	243.3	240.7	240.7	240.7
12.5°	262.2	235.3	221.6	216.2	216.2	213.6	213.6
15°	235.3	213.6	200.1	194.7	194.7	191.9	194.7
17.5°	213.6	191.9	181.1	175.7	175.7	173.0	173.0
20°	194.7	175.7	165.0	156.8	156.8	154.2	156.8
22.5°	178.5	159.6	146.0	140.5	137.9	135.1	137.9
25°	162.2	143.3	129.7	121.7	119.0	119.0	116.2
27.5°	148.7	129.7	113.6	105.4	102.8	102.8	100.0
30°	135.1	113.6	97.4	89.1	86.5	86.5	86.5
32.5°	121.7	97.4	83.7	75.7	73.1	73.1	73.1
35°	108.2	83.7	70.3	62.2	59.4	59.4	59.4
37.5°	91.9	70.3	54.0	48.6	46.0	43.2	43.2
40°	78.5	54.0	40.6	35.1	29.7	29.7	29.7
42.5°	64.8	43.2	29.7	21.7	18.9	16.3	18.9
45°	54.0	32.5	18.9	10.8	8.0	8.0	8.0
47.5°	43.2	21.7	8.0	2.6	2.6	2.6	2.6
50°	32.5	13.5	2.6	0.0	0.0	2.6	2.6
52.5°	24.3	8.0	0.0	0.0	0.0	0.0	0.0
55°	13.5	2.6	0.0	0.0	0.0	0.0	0.0
57.5°	8.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	5.4	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	2.6	0.0	0.0	0.0	0.0	0.0	0.0
63°	2.6	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.6	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)