

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: P165076

Luminaire Tested: **VST-E08-LED-E-U-SL2-HSS-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P165076
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-7030
Description: VENTUS LED SITE/ROADWAY LUMINAIRE
(8) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD
Light Source: (168) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13237.5 lumens
Efficiency: N/A
Efficacy: 68.1 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



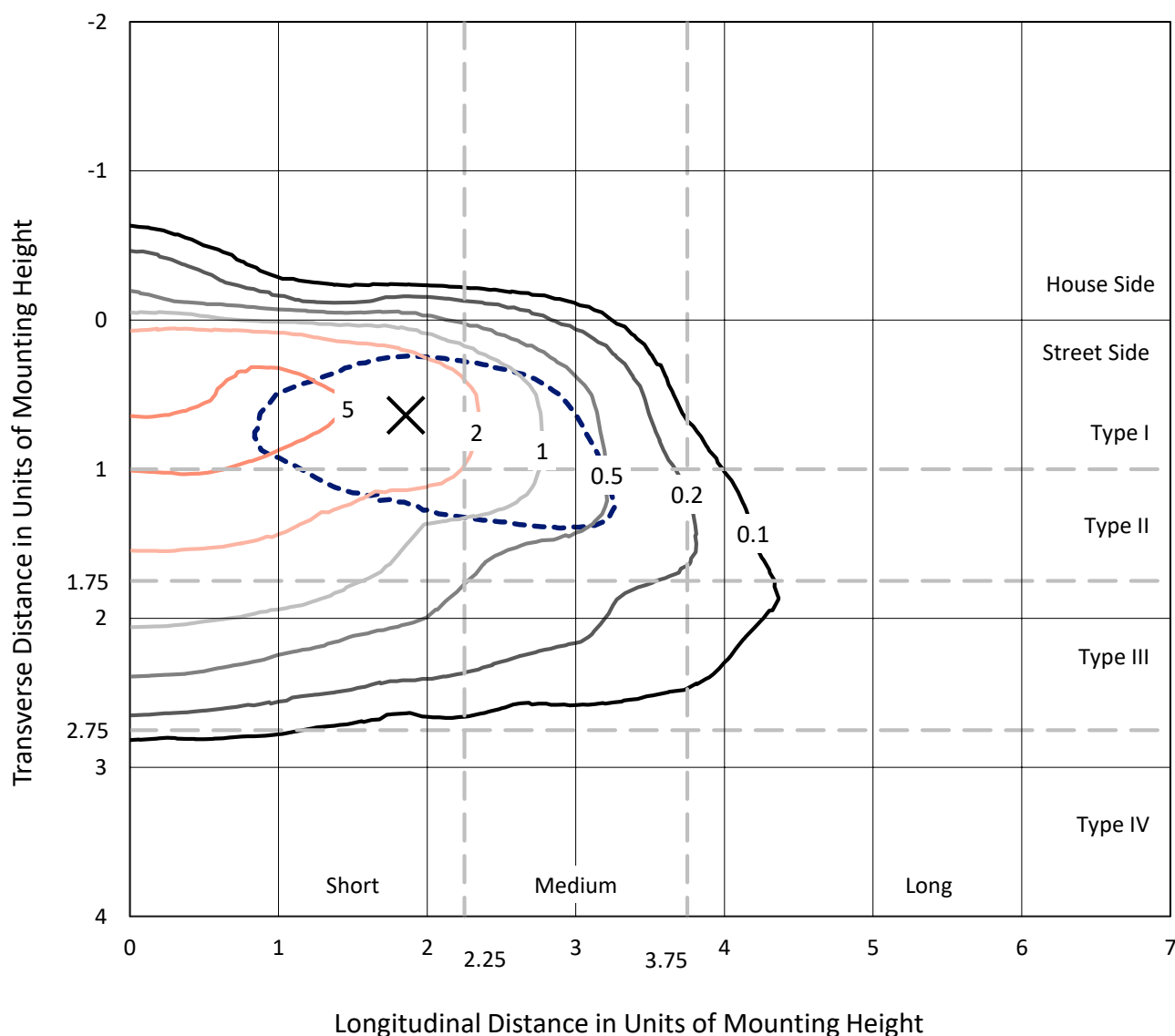
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

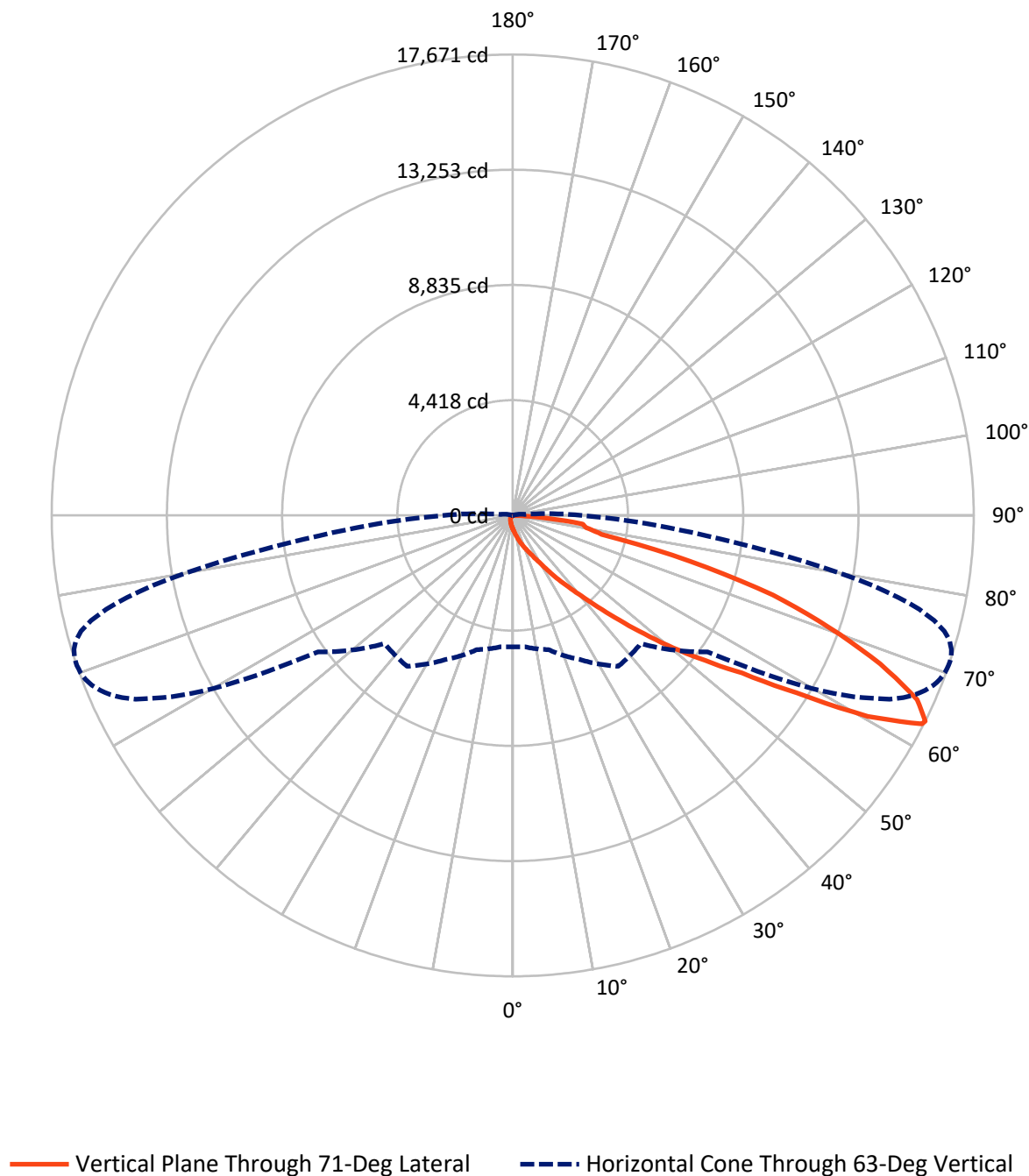


Based on 20 foot mounting height. Maximum calculated value = 7 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	281.0	0.0	281.0
	% Fixture	2.1	0.0	2.1
Street Side	Lumens	12956.4	0.0	12956.4
	% Fixture	97.9	0.0	97.9
Total	Lumens	13237.5	0.0	13237.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.1	0.4
10°-20°	217.7	1.6
20°-30°	442.1	3.3
30°-40°	1080.1	8.2
40°-50°	2415.6	18.2
50°-60°	3396.6	25.7
60°-70°	3994.1	30.2
70°-80°	1442.2	10.9
80°-90°	192.9	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°	13237.5	100.0
0°-180°	13237.5	100.0

Coefficient of Utilization



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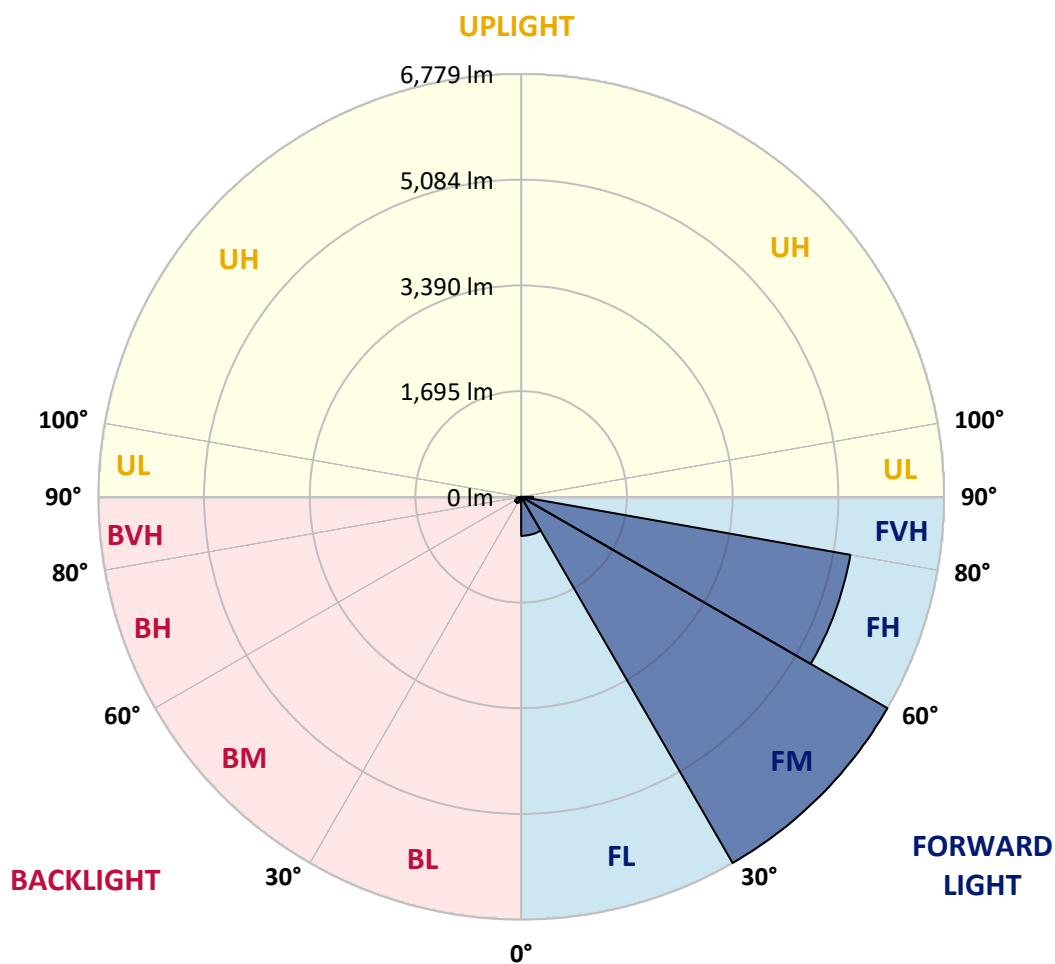
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	625.5	4.7			
FM	(30°-60°)	6779.1	51.2			
FH	(60°-80°)	5359.3	40.5			G3/7500
FVH	(80°-90°)	192.4	1.5			G2/225
BL	(0°-30°)	90.4	0.7	B0/110		
BM	(30°-60°)	113.2	0.9	B0/220		
BH	(60°-80°)	77.0	0.6	B0/110		G0/110
BVH	(80°-90°)	0.4	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°	507.8	507.8	507.8	507.8	507.8	507.8	507.8	507.8	507.8	507.8	507.8
2.5°	664.2	671.3	666.5	654.5	640.1	620.9	604.0	604.0	601.6	594.3	596.8
5°	871.1	873.6	864.0	835.0	808.6	767.7	721.9	717.1	712.3	705.1	702.8
7.5°	1073.4	1082.9	1073.4	1042.0	989.0	926.5	854.3	847.2	832.7	832.7	823.0
10°	1280.3	1280.3	1270.7	1234.6	1186.3	1097.3	1005.9	993.9	977.1	972.2	957.8
12.5°	1427.0	1427.0	1422.2	1403.1	1364.5	1285.1	1174.3	1162.4	1140.7	1133.4	1116.6
15°	1484.7	1484.7	1487.2	1504.0	1506.5	1470.4	1354.8	1345.2	1323.6	1304.3	1297.1
17.5°	1520.8	1518.5	1518.5	1542.6	1585.9	1610.0	1535.3	1525.7	1501.7	1492.0	1467.9
20°	1600.3	1595.5	1581.0	1581.0	1622.0	1706.1	1706.1	1703.8	1677.3	1670.0	1658.1
22.5°	1718.3	1713.4	1670.0	1633.9	1653.2	1759.2	1857.8	1853.0	1843.4	1833.7	1826.6
25°	1910.7	1893.9	1819.2	1713.4	1696.6	1809.7	1973.3	1985.4	1992.6	1992.6	1997.4
27.5°	2202.0	2180.3	2048.0	1850.7	1776.0	1891.4	2100.9	2125.0	2146.6	2151.4	2173.0
30°	2606.2	2567.8	2377.6	2088.9	1918.0	2011.9	2288.6	2315.1	2346.4	2356.0	2389.6
32.5°	3270.4	3248.8	3065.9	2632.6	2266.9	2247.7	2551.0	2584.6	2625.5	2642.3	2683.2
35°	4281.2	4286.0	4136.8	3746.9	3241.6	2976.8	3020.2	3049.0	3063.5	3114.0	3135.6
37.5°	4967.0	4979.0	5012.8	4858.7	4497.8	4228.2	3888.8	3920.2	3845.6	3852.7	3855.2
40°	5342.4	5380.9	5578.3	5727.5	5698.6	5542.2	5270.3	5287.1	5147.5	5116.2	4964.5
42.5°	5592.6	5643.2	5958.6	6420.5	6656.4	6798.4	6735.8	6728.5	6620.3	6579.3	6451.8
45°	5749.1	5794.9	6191.9	6872.9	7416.8	7830.7	8001.5	8020.8	7929.3	7888.4	7782.6
47.5°	5741.8	5794.9	6220.7	7041.4	7842.8	8504.5	8985.9	9009.9	9065.3	9029.2	9036.3
50°	5424.3	5474.8	5903.2	6755.0	7717.6	8812.6	9693.4	9770.4	9859.4	9919.6	9948.5
52.5°	5039.2	5075.3	5455.6	6264.1	7183.3	8685.0	10112.0	10244.4	10376.8	10489.9	10569.3
55°	4897.2	4938.1	5236.5	5908.0	6755.0	8150.7	10307.0	10501.9	10689.7	10875.0	11026.5
57.5°	4971.8	5010.3	5224.5	5739.5	6500.0	7587.7	10362.4	10665.6	10973.6	11274.4	11572.8
60°	5246.1	5287.1	5470.0	5895.9	6432.6	7262.8	10145.8	10648.8	11161.3	11685.9	12179.3
62.5°	5137.9	5154.7	5424.3	6170.3	6913.8	6986.0	9358.8	10061.6	10843.7	11652.3	12448.7
63°	5034.4	5053.7	5328.0	6095.6	7060.7	6945.1	9115.8	9857.0	10682.4	11553.5	12420.0
65°	4565.1	4567.5	4776.9	5383.4	6897.0	7017.3	8033.0	8740.4	9688.5	10733.0	11828.0
67.5°	3407.6	3390.8	3592.9	4055.0	5414.6	7019.8	6894.6	7291.8	7951.1	8877.6	9859.4
70°	1208.1	1181.7	1508.9	2148.9	3373.8	5741.8	5924.8	5951.2	6134.2	6634.7	7250.8
72.5°	392.2	399.5	481.2	786.9	1554.6	3864.9	5364.1	5282.2	5234.2	5231.7	5313.5
75°	156.4	158.8	192.5	349.0	697.9	1862.7	4697.5	4743.1	4760.1	4784.1	4810.7
77.5°	74.5	81.8	108.3	194.9	346.5	921.7	3361.9	3749.3	3970.7	4141.6	4245.1
80°	26.5	31.3	60.2	120.3	161.2	423.5	1771.2	2136.9	2461.8	2880.6	3241.6
82.5°	0.0	0.0	12.0	84.2	89.0	170.8	726.7	851.8	974.6	1263.3	1622.0
85°	0.0	0.0	0.0	24.1	26.5	28.9	245.5	296.1	332.2	387.4	447.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	2.3	7.2	14.5	36.1	55.4
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):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	507.8	507.8	507.8	507.8	507.8	507.8	507.8	507.8	507.8	507.8	507.8
2.5°	592.0	589.7	589.7	584.8	582.4	577.5	575.2	567.9	565.5	565.5	565.5
5°	700.3	690.6	685.8	673.8	666.5	664.2	652.2	647.4	640.1	642.6	630.4
7.5°	820.6	803.7	796.6	779.6	775.0	758.0	753.2	741.2	734.0	719.6	714.8
10°	953.0	931.3	919.3	892.7	885.6	873.6	859.1	844.7	832.7	818.2	811.1
12.5°	1104.6	1085.4	1075.7	1039.6	1022.8	1005.9	986.7	967.4	948.1	936.1	919.3
15°	1282.6	1251.4	1241.7	1208.1	1179.2	1157.5	1131.1	1107.0	1092.5	1068.5	1051.6
17.5°	1458.3	1427.0	1419.9	1369.3	1338.0	1323.6	1294.8	1263.3	1236.9	1212.9	1186.3
20°	1633.9	1612.3	1593.0	1545.0	1511.3	1487.2	1448.6	1417.4	1395.7	1362.1	1328.4
22.5°	1809.7	1788.0	1773.7	1723.1	1691.8	1658.1	1624.4	1590.7	1559.4	1518.5	1480.1
25°	1990.2	1975.8	1968.5	1922.9	1893.9	1862.7	1828.9	1790.5	1751.9	1706.1	1665.4
27.5°	2177.9	2182.7	2168.2	2158.6	2127.3	2105.7	2052.8	2026.3	1997.4	1942.0	1891.4
30°	2416.1	2430.5	2425.7	2433.0	2413.7	2399.3	2358.3	2324.7	2291.0	2238.1	2180.3
32.5°	2717.0	2736.3	2745.8	2772.3	2762.7	2757.9	2745.8	2697.7	2673.6	2582.2	2558.1
35°	3181.4	3171.7	3212.7	3234.3	3224.6	3220.0	3205.5	3179.0	3150.1	3085.1	3025.0
37.5°	3785.4	3795.0	3809.5	3766.2	3737.3	3734.9	3691.5	3665.1	3624.2	3552.0	3479.8
40°	4892.3	4832.3	4764.9	4581.9	4502.6	4456.9	4329.3	4293.2	4223.3	4124.7	4050.2
42.5°	6331.5	6271.3	6069.2	5763.6	5599.9	5373.7	5270.3	5142.7	5044.0	4882.8	4796.2
45°	7761.0	7587.7	7563.6	7207.4	7005.3	6706.9	6521.6	6307.4	6083.6	5871.9	5717.9
47.5°	8966.6	8928.0	8810.3	8593.5	8405.9	8155.6	7917.4	7587.7	7356.6	7055.9	6779.1
50°	9931.6	9929.2	9885.8	9760.7	9604.4	9402.2	9192.8	8913.7	8651.4	8283.1	7987.2
52.5°	10653.6	10692.0	10706.5	10667.9	10607.9	10429.7	10323.9	10090.4	9869.0	9556.1	9236.1
55°	11182.9	11325.0	11397.2	11479.0	11462.2	11399.6	11394.8	11243.1	11142.1	10894.2	10667.9
57.5°	11837.6	12071.0	12294.7	12691.9	12706.2	12845.9	12918.1	12990.3	13009.5	12910.8	12836.3
60°	12670.1	13146.7	13570.2	14400.5	14617.1	14958.8	15180.2	15420.9	15625.3	15642.3	15637.4
62.5°	13257.3	13991.4	14674.8	15906.9	16328.1	16722.8	17018.7	17252.2	17394.1	17538.5	17605.9
63°	13274.3	14078.0	14804.8	16075.4	16518.2	16893.6	17175.2	17391.8	17541.0	17627.5	17670.9
65°	12867.6	13842.2	14708.4	15974.3	16390.6	16768.5	16915.2	17057.3	17129.5	17163.1	17035.5
67.5°	10906.3	11859.2	12869.9	14284.9	14641.1	15093.5	15213.9	15286.1	15319.7	15312.6	15204.3
70°	8155.6	8954.6	10078.4	11695.6	12167.3	12610.1	12884.4	13002.3	13040.7	13028.8	12867.6
72.5°	5693.8	6163.0	7089.5	8889.6	9532.2	10100.0	10439.4	10615.0	10651.1	10578.9	10429.7
75°	4781.7	4805.8	5015.1	5999.3	6601.0	7207.4	7590.0	7700.8	7628.6	7409.5	7029.4
77.5°	4269.1	4322.1	4322.1	4468.8	4586.8	4755.3	4791.4	4521.7	4209.0	3804.7	3477.5
80°	3580.9	3766.2	3896.1	4004.4	4016.4	3982.8	3893.6	3742.1	3501.4	3193.4	2851.7
82.5°	2175.5	2541.3	2690.5	3248.8	3523.0	3708.3	3694.0	3491.8	3309.0	2988.9	2697.7
85°	548.7	592.0	642.6	835.0	936.1	1143.1	1273.0	1333.2	1354.8	1244.2	1126.3
87.5°	52.9	36.1	60.2	45.7	65.0	48.1	65.0	60.2	74.5	79.4	86.7
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°	507.8	507.8	507.8	507.8	507.8	507.8	507.8	507.8	507.8	507.8	507.8
2.5°	560.7	558.2	555.9	553.6	551.1	548.7	543.9	543.9	539.1	536.6	534.3
5°	623.3	618.4	616.1	611.3	604.0	599.2	592.0	582.4	575.2	572.7	567.9
7.5°	702.8	690.6	685.8	678.7	669.0	654.5	644.9	637.7	625.8	618.4	604.0
10°	791.8	779.6	765.3	750.8	736.4	719.6	707.4	697.9	678.7	669.0	652.2
12.5°	904.9	883.2	866.3	847.2	827.9	808.6	794.1	765.3	748.4	726.7	712.3
15°	1020.3	1001.0	981.9	957.8	928.8	897.6	883.2	856.6	835.0	801.4	782.1
17.5°	1159.9	1123.8	1095.0	1066.1	1039.6	1010.7	981.9	941.0	909.7	880.8	842.3
20°	1297.1	1253.8	1222.4	1184.0	1145.6	1099.8	1066.1	1037.1	993.9	955.4	914.5
22.5°	1443.8	1400.6	1350.0	1311.6	1258.7	1222.4	1176.8	1128.6	1085.4	1034.8	984.2
25°	1622.0	1576.2	1518.5	1467.9	1407.7	1357.3	1301.9	1246.5	1193.6	1135.9	1070.9
27.5°	1841.0	1792.8	1730.3	1670.0	1590.7	1528.1	1475.2	1400.6	1333.2	1261.0	1186.3
30°	2117.7	2064.8	1987.7	1901.1	1821.7	1751.9	1677.3	1578.7	1504.0	1417.4	1321.2
32.5°	2478.8	2416.1	2312.6	2230.8	2132.1	2040.6	1937.2	1838.5	1732.7	1619.6	1508.9
35°	2933.5	2875.8	2755.4	2635.1	2526.8	2418.6	2288.6	2175.5	2026.3	1889.1	1747.1
37.5°	3405.3	3301.7	3191.0	3061.1	2926.2	2796.3	2637.5	2481.1	2310.3	2161.1	1982.9
40°	3944.2	3819.1	3727.6	3588.1	3398.0	3212.7	3065.9	2871.0	2656.8	2457.0	2247.7
42.5°	4683.1	4543.5	4379.8	4168.1	4030.9	3814.3	3624.2	3393.1	3111.5	2887.8	2635.1
45°	5537.4	5347.3	5188.4	4983.8	4817.8	4548.3	4326.9	4018.9	3737.3	3443.7	3135.6
47.5°	6512.0	6276.1	6045.1	5843.0	5578.3	5313.5	5032.0	4704.7	4343.7	4021.2	3655.4
50°	7630.9	7296.4	6976.4	6716.6	6353.1	6047.5	5741.8	5373.7	4974.2	4603.6	4187.2
52.5°	8875.1	8487.7	8064.2	7664.7	7243.5	6851.3	6483.0	6059.5	5614.4	5162.0	4697.5
55°	10376.8	10085.6	9587.5	9079.7	8516.5	7992.0	7517.8	6993.3	6451.8	5857.4	5368.9
57.5°	12728.0	12586.0	12169.6	11661.9	10927.9	10290.2	9486.4	8843.9	8059.4	7241.2	6610.6
60°	15914.2	15738.4	15505.0	15093.5	14511.2	13644.9	12759.3	11760.6	10567.0	9433.5	8357.8
62.5°	17613.2	17550.5	17360.5	17076.4	16532.7	15849.2	14956.4	13859.0	12511.4	11134.8	9763.2
63°	17663.6	17584.3	17420.6	17131.8	16652.9	15991.2	15115.1	14049.1	12730.4	11327.4	9926.7
65°	16980.3	16949.0	16782.8	16467.6	16140.4	15635.0	14956.4	14039.4	12932.5	11606.6	10213.2
67.5°	15059.9	14965.9	14710.9	14614.6	14386.1	14034.6	13517.3	12886.7	12095.1	11053.0	9849.7
70°	12737.5	12598.0	12277.9	12107.1	11828.0	11606.6	11291.3	10841.2	10352.7	9626.0	8728.4
72.5°	10275.7	9986.9	9693.4	9248.2	8858.3	8463.6	8114.6	7797.1	7260.3	6966.7	6285.8
75°	6673.2	6148.5	5645.7	4971.8	4365.4	3828.8	3306.5	3041.8	2490.7	2266.9	1946.8
77.5°	3166.9	2873.3	2478.8	2173.0	1783.2	1456.0	1188.8	892.7	700.3	548.7	418.7
80°	2555.6	2307.8	2069.6	1792.8	1499.2	1196.0	916.9	685.8	486.0	336.8	238.2
82.5°	2279.0	2009.4	1715.8	1525.7	1326.0	1085.4	890.4	726.7	536.6	392.2	267.1
85°	885.6	746.0	575.2	469.2	365.8	300.7	272.0	187.6	146.9	115.4	89.0
87.5°	77.0	62.5	50.6	33.8	36.1	19.3	21.6	14.5	12.0	12.0	9.6
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):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	507.8	507.8	507.8	507.8	507.8	507.8	507.8	507.8	507.8	507.8	507.8
2.5°	531.8	529.5	527.0	522.1	522.1	517.5	515.0	512.6	500.5	474.1	452.4
5°	558.2	553.6	548.7	541.4	536.6	529.5	524.6	517.5	490.9	440.5	397.1
7.5°	596.8	587.2	580.0	565.5	558.2	548.7	541.4	529.5	486.0	409.0	349.0
10°	642.6	625.8	613.6	596.8	582.4	570.4	558.2	541.4	481.2	375.4	305.6
12.5°	697.9	678.7	654.5	635.3	616.1	599.2	582.4	560.7	474.1	346.5	272.0
15°	753.2	724.4	707.4	681.0	654.5	630.4	606.5	587.2	476.5	315.2	243.0
17.5°	815.7	786.9	750.8	721.9	693.1	661.9	632.9	594.3	464.4	291.2	221.4
20°	875.9	835.0	801.4	765.3	724.4	685.8	649.7	616.1	454.8	267.1	202.1
22.5°	941.0	892.7	849.5	803.7	753.2	709.9	666.5	623.3	438.0	245.5	185.3
25°	1020.3	964.9	902.4	847.2	794.1	741.2	685.8	632.9	421.2	226.2	173.3
27.5°	1116.6	1044.4	981.9	912.0	837.5	770.1	709.9	652.2	404.4	211.8	161.2
30°	1239.4	1155.1	1066.1	977.1	897.6	820.6	736.4	664.2	387.4	197.3	149.2
32.5°	1403.1	1297.1	1188.8	1085.4	979.4	880.8	791.8	697.9	377.8	185.3	137.2
35°	1619.6	1482.4	1350.0	1220.1	1092.5	972.2	856.6	750.8	377.8	170.8	122.8
37.5°	1824.1	1665.4	1496.9	1335.5	1184.0	1044.4	907.2	779.6	358.6	158.8	110.8
40°	2045.5	1855.3	1658.1	1467.9	1285.1	1111.8	955.4	808.6	341.7	144.4	98.6
42.5°	2384.8	2144.3	1886.8	1665.4	1446.3	1232.1	1037.1	864.0	320.0	129.9	86.7
45°	2830.1	2524.4	2221.3	1951.6	1672.5	1410.2	1179.2	964.9	315.2	117.9	74.5
47.5°	3306.5	2945.5	2589.4	2245.2	1918.0	1612.3	1335.5	1078.0	315.2	105.9	65.0
50°	3780.5	3328.2	2948.0	2548.5	2180.3	1819.2	1489.6	1196.0	317.7	96.3	52.9
52.5°	4209.0	3725.3	3299.3	2837.2	2430.5	2011.9	1653.2	1311.6	312.9	84.2	43.3
55°	4803.3	4235.5	3742.1	3231.9	2755.4	2283.8	1877.1	1484.7	315.2	74.5	36.1
57.5°	5898.3	5231.7	4637.3	3968.3	3419.6	2810.8	2317.4	1841.0	344.2	62.5	26.5
60°	7469.7	6603.4	5768.4	4952.6	4254.8	3530.4	2890.1	2329.6	404.4	50.6	19.3
62.5°	8526.2	7392.7	6396.5	5496.5	4685.4	3927.4	3229.5	2591.7	445.1	40.9	12.0
63°	8634.4	7462.6	6461.4	5532.6	4704.7	3946.7	3243.9	2611.0	447.6	38.4	12.0
65°	8839.0	7582.9	6497.5	5539.7	4685.4	3920.2	3234.3	2608.7	452.4	31.3	9.6
67.5°	8605.7	7397.6	6288.2	5332.8	4516.9	3763.7	3114.0	2512.4	450.0	21.6	7.2
70°	7696.0	6694.9	5720.2	4829.8	4088.6	3407.6	2834.9	2291.0	413.9	14.5	4.8
72.5°	5650.5	4969.4	4213.8	3571.3	3080.3	2558.1	2182.7	1720.6	320.0	9.6	2.3
75°	1674.9	1525.7	1282.6	1131.1	998.7	825.4	734.0	572.7	163.7	4.8	0.0
77.5°	334.5	303.2	272.0	247.8	233.4	199.8	190.1	156.4	67.4	2.3	0.0
80°	175.7	144.4	122.8	108.3	93.8	77.0	65.0	52.9	12.0	0.0	0.0
82.5°	168.5	113.1	81.8	67.4	57.7	45.7	36.1	26.5	7.2	0.0	0.0
85°	62.5	48.1	36.1	28.9	24.1	21.6	16.8	14.5	0.0	0.0	0.0
87.5°	9.6	7.2	7.2	4.8	4.8	2.3	2.3	2.3	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°	507.8	507.8	507.8	507.8	507.8	507.8	507.8
2.5°	430.8	411.5	401.9	389.9	389.9	387.4	392.2
5°	358.6	332.2	312.9	298.4	300.7	293.6	296.1
7.5°	303.2	276.8	259.8	250.3	247.8	245.5	245.5
10°	262.3	238.2	223.7	216.6	214.2	214.2	214.2
12.5°	233.4	209.4	197.3	192.5	192.5	190.1	190.1
15°	209.4	190.1	178.1	173.3	173.3	170.8	173.3
17.5°	190.1	170.8	161.2	156.4	156.4	154.0	154.0
20°	173.3	156.4	146.9	139.6	139.6	137.2	139.6
22.5°	158.8	142.0	129.9	125.1	122.8	120.3	122.8
25°	144.4	127.6	115.4	108.3	105.9	105.9	103.5
27.5°	132.4	115.4	101.1	93.8	91.5	91.5	89.0
30°	120.3	101.1	86.7	79.4	77.0	77.0	77.0
32.5°	108.3	86.7	74.5	67.4	65.0	65.0	65.0
35°	96.3	74.5	62.5	55.4	52.9	52.9	52.9
37.5°	81.8	62.5	48.1	43.3	40.9	38.4	38.4
40°	69.9	48.1	36.1	31.3	26.5	26.5	26.5
42.5°	57.7	38.4	26.5	19.3	16.8	14.5	16.8
45°	48.1	28.9	16.8	9.6	7.2	7.2	7.2
47.5°	38.4	19.3	7.2	2.3	2.3	2.3	2.3
50°	28.9	12.0	2.3	0.0	0.0	2.3	2.3
52.5°	21.6	7.2	0.0	0.0	0.0	0.0	0.0
55°	12.0	2.3	0.0	0.0	0.0	0.0	0.0
57.5°	7.2	0.0	0.0	0.0	0.0	0.0	0.0
60°	4.8	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	2.3	0.0	0.0	0.0	0.0	0.0	0.0
63°	2.3	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.3	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)