

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: P165083

Luminaire Tested: **VST-F08-LED-E-U-SL2-HSS-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P165083
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-F08-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: (56) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12276.9 lumens
Efficiency: N/A
Efficacy: 60.1 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 - G2

Input Watts (W): 204.4
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

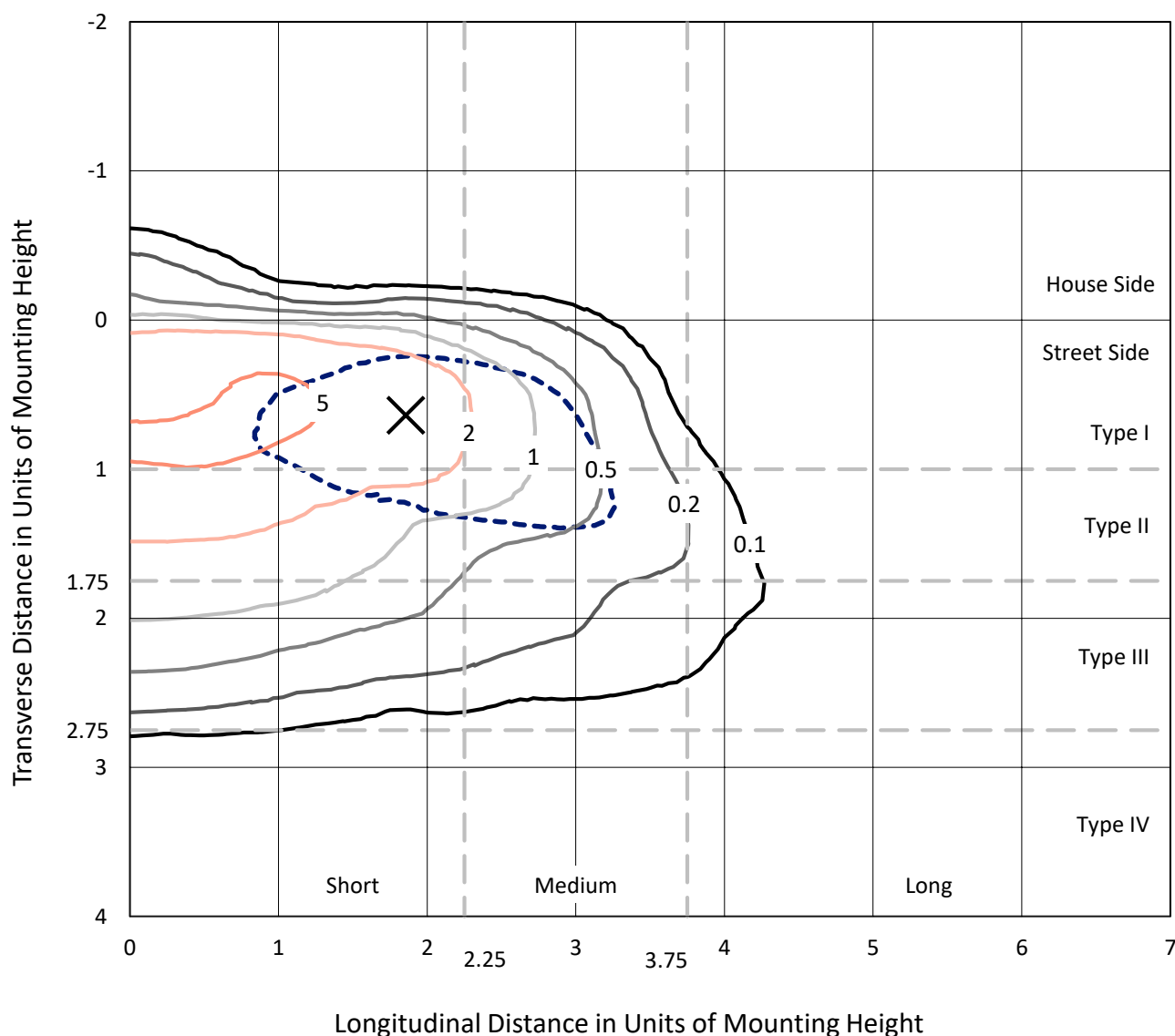


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

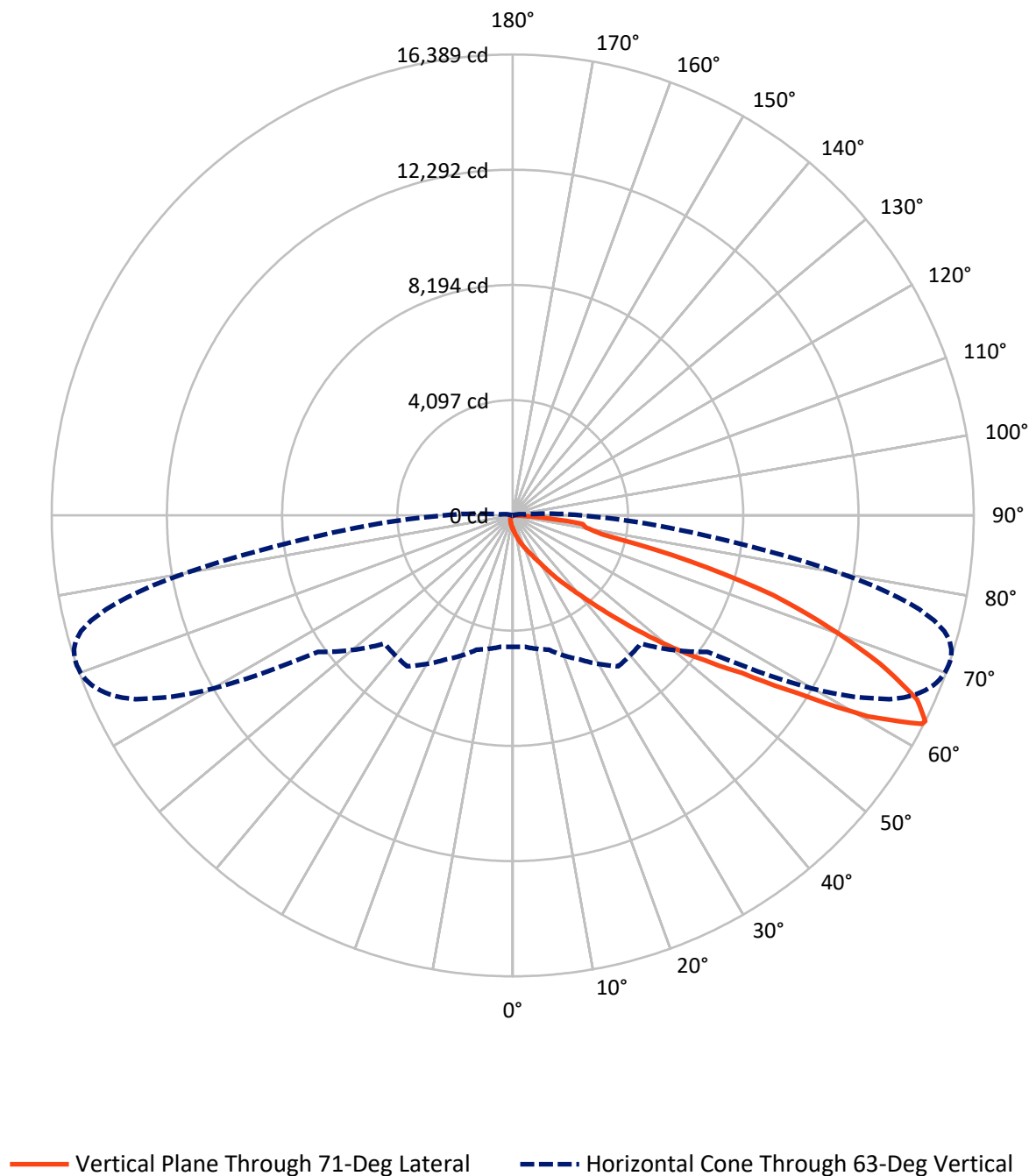


Based on 20 foot mounting height. Maximum calculated value = 6.5 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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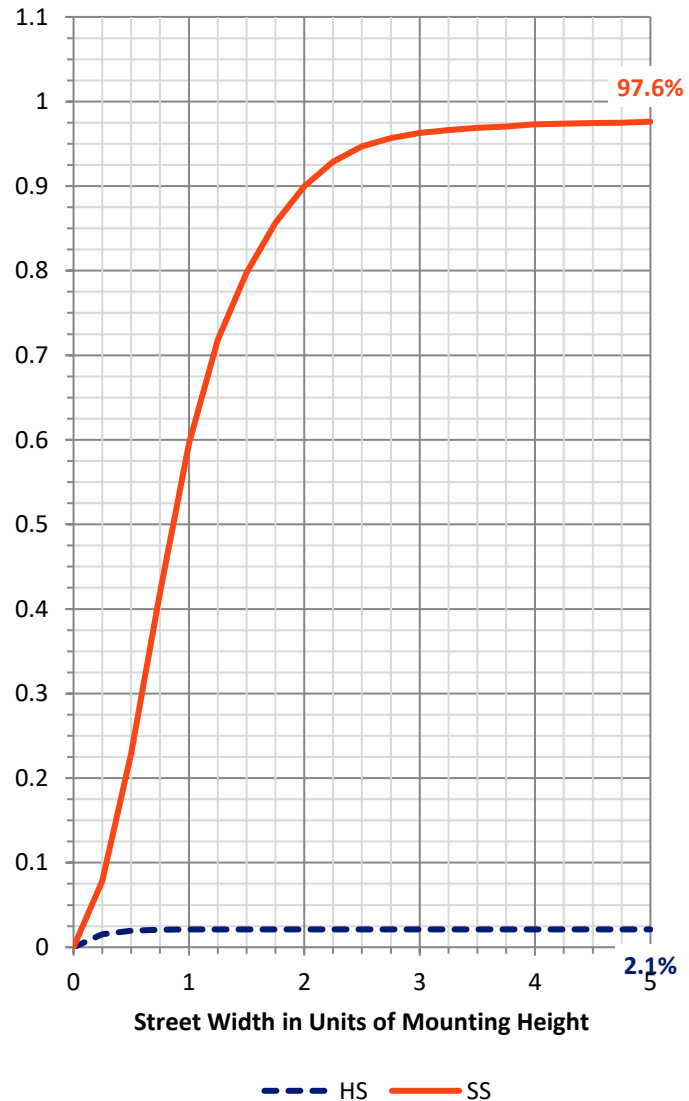
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	260.6	0.0	260.6
	% Fixture	2.1	0.0	2.1
Street Side	Lumens	12016.3	0.0	12016.3
	% Fixture	97.9	0.0	97.9
Total	Lumens	12276.9	0.0	12276.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.1	0.4
10°-20°	201.9	1.6
20°-30°	410.0	3.3
30°-40°	1001.8	8.2
40°-50°	2240.3	18.2
50°-60°	3150.1	25.7
60°-70°	3704.3	30.2
70°-80°	1337.6	10.9
80°-90°	178.9	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°	12276.9	100.0
0°-180°	12276.9	100.0

Coefficient of Utilization



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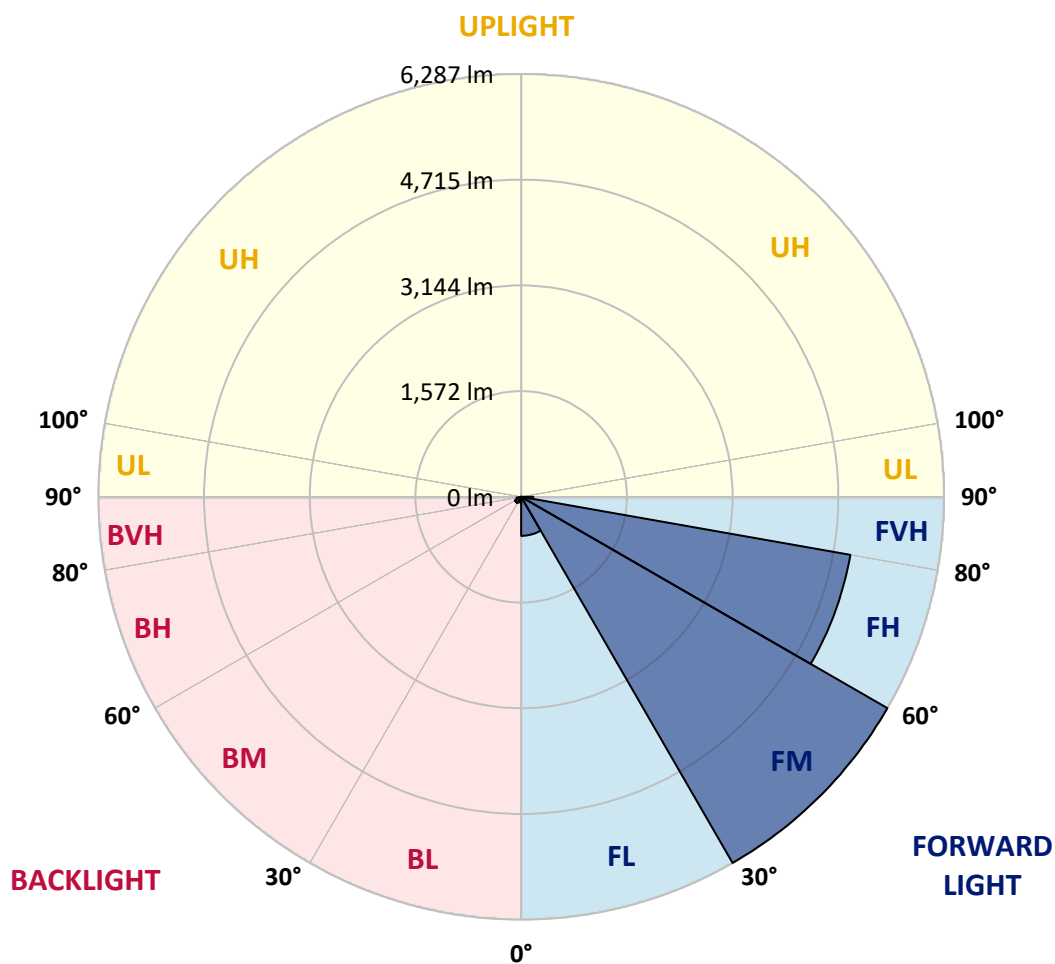
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	580.1	4.7			
FM	(30°-60°)	6287.2	51.2			
FH	(60°-80°)	4970.5	40.5			G2/5000
FVH	(80°-90°)	178.5	1.5			G2/225
BL	(0°-30°)	83.8	0.7	B0/110		
BM	(30°-60°)	105.0	0.9	B0/220		
BH	(60°-80°)	71.5	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-G2

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	471.0	471.0	471.0	471.0	471.0	471.0	471.0	471.0	471.0	471.0	471.0
2.5°	616.0	622.6	618.2	607.0	593.6	575.9	560.2	560.2	558.0	551.2	553.5
5°	807.9	810.2	801.3	774.4	749.9	712.0	669.5	665.1	660.6	653.9	651.8
7.5°	995.5	1004.3	995.5	966.3	917.3	859.3	792.3	785.7	772.3	772.3	763.3
10°	1187.4	1187.4	1178.5	1145.0	1100.2	1017.7	932.9	921.8	906.2	901.7	888.3
12.5°	1323.5	1323.5	1319.0	1301.2	1265.5	1191.9	1089.1	1078.0	1058.0	1051.2	1035.6
15°	1377.0	1377.0	1379.3	1394.9	1397.2	1363.7	1256.5	1247.6	1227.5	1209.6	1203.0
17.5°	1410.5	1408.3	1408.3	1430.7	1470.8	1493.2	1423.9	1415.0	1392.7	1383.8	1361.4
20°	1484.2	1479.7	1466.3	1466.3	1504.3	1582.3	1582.3	1580.2	1555.6	1548.9	1537.7
22.5°	1593.6	1589.1	1548.9	1515.4	1533.3	1631.5	1723.0	1718.5	1709.6	1700.7	1694.0
25°	1772.1	1756.5	1687.2	1589.1	1573.5	1678.4	1830.1	1841.3	1848.0	1848.0	1852.5
27.5°	2042.2	2022.1	1899.3	1716.4	1647.1	1754.2	1948.4	1970.8	1990.8	1995.3	2015.4
30°	2417.1	2381.4	2205.1	1937.3	1778.9	1865.9	2122.6	2147.1	2176.1	2185.0	2216.2
32.5°	3033.1	3013.0	2843.5	2441.6	2102.4	2084.6	2365.8	2397.0	2435.0	2450.6	2488.5
35°	3970.5	3975.0	3836.6	3475.0	3006.4	2760.8	2801.0	2827.7	2841.2	2888.1	2908.1
37.5°	4606.6	4617.7	4649.0	4506.2	4171.4	3921.4	3606.6	3635.8	3566.5	3573.2	3575.5
40°	4954.8	4990.4	5173.5	5311.9	5285.1	5140.1	4887.8	4903.4	4774.0	4745.0	4604.3
42.5°	5186.8	5233.7	5526.2	5954.6	6173.4	6305.1	6247.1	6240.3	6139.9	6101.9	5983.6
45°	5332.0	5374.4	5742.6	6374.2	6878.7	7262.5	7420.9	7438.8	7354.0	7316.0	7217.9
47.5°	5325.2	5374.4	5769.3	6530.5	7273.7	7887.4	8333.9	8356.1	8407.5	8374.0	8380.6
50°	5030.7	5077.6	5474.8	6264.8	7157.6	8173.1	8990.0	9061.4	9143.9	9199.8	9226.6
52.5°	4673.6	4707.0	5059.7	5809.6	6662.1	8054.8	9378.3	9501.1	9623.9	9728.8	9802.4
55°	4541.8	4579.8	4856.5	5479.3	6264.8	7559.3	9559.1	9739.9	9914.0	10085.9	10226.4
57.5°	4611.1	4646.7	4845.4	5323.0	6028.3	7037.1	9610.4	9891.7	10177.4	10456.3	10733.1
60°	4865.5	4903.4	5073.1	5468.0	5965.9	6735.8	9409.6	9876.1	10351.4	10838.0	11295.5
62.5°	4765.0	4780.6	5030.7	5722.6	6412.2	6479.1	8679.7	9331.5	10056.9	10806.8	11545.4
63°	4669.1	4687.0	4941.4	5653.3	6548.4	6441.2	8454.4	9141.8	9907.3	10715.2	11518.7
65°	4233.9	4236.1	4430.3	4992.7	6396.6	6508.1	7450.1	8106.2	8985.5	9954.2	10969.7
67.5°	3160.3	3144.8	3332.2	3760.7	5021.7	6510.4	6394.3	6762.6	7374.2	8233.4	9143.9
70°	1120.4	1095.9	1399.4	1993.0	3129.0	5325.2	5494.9	5519.4	5689.1	6153.3	6724.7
72.5°	363.8	370.5	446.3	729.8	1441.8	3584.4	4974.8	4898.9	4854.4	4852.0	4927.9
75°	145.0	147.3	178.5	323.7	647.3	1727.5	4356.7	4399.0	4414.7	4436.9	4461.6
77.5°	69.1	75.9	100.4	180.8	321.3	854.8	3117.9	3477.2	3682.5	3841.1	3937.1
80°	24.5	29.0	55.8	111.5	149.5	392.8	1642.6	1981.9	2283.2	2671.6	3006.4
82.5°	0.0	0.0	11.1	78.1	82.5	158.4	674.0	790.0	903.9	1171.7	1504.3
85°	0.0	0.0	0.0	22.4	24.5	26.8	227.7	274.6	308.1	359.3	415.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	2.2	6.6	13.4	33.5	51.4
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°	471.0	471.0	471.0	471.0	471.0	471.0	471.0	471.0	471.0	471.0	471.0
2.5°	549.0	546.9	546.9	542.4	540.1	535.6	533.5	526.7	524.5	524.5	524.5
5°	649.5	640.5	636.1	624.9	618.2	616.0	604.9	600.4	593.6	595.9	584.7
7.5°	761.0	745.4	738.8	723.1	718.7	703.0	698.5	687.4	680.8	667.4	662.9
10°	883.8	863.7	852.6	828.0	821.3	810.2	796.8	783.4	772.3	758.8	752.2
12.5°	1024.5	1006.6	997.7	964.2	948.6	932.9	915.1	897.2	879.3	868.2	852.6
15°	1189.6	1160.6	1151.6	1120.4	1093.6	1073.5	1049.0	1026.7	1013.2	991.0	975.3
17.5°	1352.5	1323.5	1316.8	1269.9	1240.9	1227.5	1200.8	1171.7	1147.1	1124.9	1100.2
20°	1515.4	1495.3	1477.4	1432.8	1401.7	1379.3	1343.5	1314.5	1294.5	1263.3	1232.0
22.5°	1678.4	1658.2	1645.0	1598.1	1569.1	1537.7	1506.6	1475.3	1446.3	1408.3	1372.7
25°	1845.8	1832.4	1825.6	1783.3	1756.5	1727.5	1696.2	1660.5	1624.8	1582.3	1544.5
27.5°	2019.8	2024.3	2010.9	2001.9	1972.9	1952.9	1903.8	1879.3	1852.5	1801.1	1754.2
30°	2240.8	2254.2	2249.7	2256.5	2238.6	2225.2	2187.2	2156.0	2124.7	2075.7	2022.1
32.5°	2519.8	2537.7	2546.5	2571.2	2562.2	2557.8	2546.5	2501.9	2479.6	2394.9	2372.5
35°	2950.5	2941.6	2979.5	2999.6	2990.7	2986.3	2972.9	2948.4	2921.5	2861.2	2805.5
37.5°	3510.7	3519.6	3533.1	3492.9	3466.1	3463.9	3423.7	3399.1	3361.2	3294.2	3227.3
40°	4537.3	4481.6	4419.2	4249.5	4175.9	4133.5	4015.1	3981.7	3916.9	3825.4	3756.3
42.5°	5872.1	5816.2	5628.8	5345.4	5193.6	4983.8	4887.8	4769.5	4678.0	4528.5	4448.2
45°	7197.8	7037.1	7014.7	6684.4	6497.0	6220.2	6048.4	5849.7	5642.2	5445.8	5303.0
47.5°	8316.0	8280.2	8171.0	7970.0	7795.9	7563.8	7342.9	7037.1	6822.8	6543.9	6287.2
50°	9210.9	9208.7	9168.5	9052.5	8907.4	8720.0	8525.8	8266.9	8023.6	7682.1	7407.6
52.5°	9880.6	9916.2	9929.6	9893.8	9838.1	9672.9	9574.8	9358.2	9152.9	8862.7	8565.9
55°	10371.5	10503.2	10570.1	10646.0	10630.5	10572.5	10568.0	10427.3	10333.6	10103.6	9893.8
57.5°	10978.6	11195.1	11402.6	11771.0	11784.2	11913.8	11980.8	12047.7	12065.5	11974.0	11904.9
60°	11750.8	12192.7	12585.5	13355.6	13556.5	13873.3	14078.7	14301.9	14491.5	14507.2	14502.7
62.5°	12295.3	12976.1	13610.0	14752.7	15143.3	15509.3	15783.8	16000.4	16132.0	16265.9	16328.4
63°	12311.1	13056.5	13730.5	14908.9	15319.6	15667.8	15929.0	16129.8	16268.2	16348.4	16388.7
65°	11933.9	12837.7	13641.2	14815.1	15201.3	15551.8	15687.8	15819.6	15886.5	15917.7	15799.4
67.5°	10114.9	10998.7	11936.0	13248.4	13578.7	13998.3	14110.0	14176.9	14208.1	14201.5	14101.0
70°	7563.8	8304.9	9347.1	10846.9	11284.4	11695.1	11949.5	12058.8	12094.5	12083.4	11933.9
72.5°	5280.6	5715.8	6575.1	8244.6	8840.5	9367.2	9681.9	9844.8	9878.3	9811.3	9672.9
75°	4434.7	4457.1	4651.2	5564.0	6122.0	6684.4	7039.3	7142.0	7075.0	6871.9	6519.4
77.5°	3959.3	4008.5	4008.5	4144.6	4253.9	4410.2	4443.7	4193.6	3903.6	3528.6	3225.1
80°	3321.1	3492.9	3613.4	3713.9	3725.0	3693.8	3611.1	3470.6	3247.3	2961.6	2644.8
82.5°	2017.7	2356.9	2495.3	3013.0	3267.4	3439.3	3426.0	3238.4	3068.9	2772.0	2501.9
85°	508.9	549.0	595.9	774.4	868.2	1060.1	1180.6	1236.5	1256.5	1153.9	1044.5
87.5°	49.1	33.5	55.8	42.4	60.3	44.6	60.3	55.8	69.1	73.6	80.4
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°	471.0	471.0	471.0	471.0	471.0	471.0	471.0	471.0	471.0	471.0	471.0
2.5°	520.0	517.7	515.6	513.4	511.1	508.9	504.5	504.5	500.0	497.7	495.5
5°	578.0	573.6	571.4	566.9	560.2	555.7	549.0	540.1	533.5	531.2	526.7
7.5°	651.8	640.5	636.1	629.4	620.5	607.0	598.1	591.5	580.3	573.6	560.2
10°	734.3	723.1	709.8	696.4	682.9	667.4	656.1	647.3	629.4	620.5	604.9
12.5°	839.2	819.2	803.4	785.7	767.8	749.9	736.5	709.8	694.1	674.0	660.6
15°	946.3	928.4	910.6	888.3	861.4	832.4	819.2	794.5	774.4	743.3	725.4
17.5°	1075.7	1042.2	1015.5	988.7	964.2	937.3	910.6	872.7	843.7	816.9	781.2
20°	1203.0	1162.9	1133.7	1098.1	1062.4	1020.0	988.7	961.9	921.8	886.1	848.2
22.5°	1339.1	1298.9	1252.0	1216.4	1167.3	1133.7	1091.4	1046.7	1006.6	959.7	912.8
25°	1504.3	1461.8	1408.3	1361.4	1305.6	1258.8	1207.5	1156.1	1107.0	1053.5	993.2
27.5°	1707.4	1662.7	1604.7	1548.9	1475.3	1417.3	1368.2	1298.9	1236.5	1169.5	1100.2
30°	1964.0	1914.9	1843.5	1763.1	1689.5	1624.8	1555.6	1464.2	1394.9	1314.5	1225.3
32.5°	2298.9	2240.8	2144.8	2068.9	1977.4	1892.6	1796.6	1705.1	1607.0	1502.1	1399.4
35°	2720.7	2667.1	2555.5	2443.9	2343.5	2243.1	2122.6	2017.7	1879.3	1752.0	1620.3
37.5°	3158.2	3062.1	2959.5	2839.0	2713.9	2593.4	2446.1	2301.1	2142.6	2004.2	1839.0
40°	3658.0	3542.0	3457.2	3327.7	3151.4	2979.5	2843.5	2662.7	2464.0	2278.7	2084.6
42.5°	4343.3	4213.8	4062.0	3865.6	3738.4	3537.5	3361.2	3146.9	2885.7	2678.2	2443.9
45°	5135.6	4959.3	4811.9	4622.2	4468.2	4218.3	4013.0	3727.3	3466.1	3193.8	2908.1
47.5°	6039.4	5820.7	5606.4	5419.0	5173.5	4927.9	4666.9	4363.3	4028.6	3729.4	3390.2
50°	7077.2	6767.0	6470.2	6229.2	5892.1	5608.7	5325.2	4983.8	4613.2	4269.5	3883.4
52.5°	8231.1	7871.8	7479.1	7108.5	6717.9	6354.2	6012.6	5619.8	5207.0	4787.4	4356.7
55°	9623.9	9353.7	8891.9	8420.9	7898.5	7412.1	6972.3	6485.9	5983.6	5432.4	4979.3
57.5°	11804.4	11672.7	11286.6	10815.7	10135.0	9543.5	8798.1	8202.1	7474.6	6715.8	6130.9
60°	14759.4	14596.4	14380.0	13998.3	13458.2	12654.8	11833.4	10907.2	9800.2	8749.0	7751.4
62.5°	16335.1	16277.0	16100.8	15837.3	15333.0	14699.1	13871.2	12853.3	11603.6	10326.9	9054.8
63°	16381.9	16308.3	16156.5	15888.7	15444.6	14830.9	14018.4	13029.6	11806.6	10505.5	9206.4
65°	15748.2	15719.1	15565.0	15272.7	14969.2	14500.4	13871.2	13020.7	11994.0	10764.4	9472.1
67.5°	13967.1	13880.0	13643.5	13554.2	13342.2	13016.2	12536.4	11951.6	11217.4	10251.0	9135.0
70°	11813.2	11683.8	11387.0	11228.6	10969.7	10764.4	10472.0	10054.6	9601.5	8927.5	8095.1
72.5°	9530.1	9262.3	8990.0	8577.1	8215.5	7849.5	7525.8	7231.3	6733.5	6461.2	5829.6
75°	6188.9	5702.4	5236.0	4611.1	4048.6	3550.9	3066.5	2821.1	2310.0	2102.4	1805.6
77.5°	2937.1	2664.8	2298.9	2015.4	1653.8	1350.3	1102.6	828.0	649.5	508.9	388.3
80°	2370.2	2140.3	1919.4	1662.7	1390.4	1109.2	850.3	636.1	450.8	312.4	220.9
82.5°	2113.6	1863.6	1591.3	1415.0	1229.8	1006.6	825.8	674.0	497.7	363.8	247.8
85°	821.3	691.9	533.5	435.2	339.2	278.9	252.2	174.0	136.2	107.1	82.5
87.5°	71.4	58.0	46.9	31.3	33.5	17.9	20.1	13.4	11.1	11.1	8.9
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°	471.0	471.0	471.0	471.0	471.0	471.0	471.0	471.0	471.0	471.0	471.0
2.5°	493.2	491.0	488.7	484.3	484.3	479.9	477.6	475.4	464.2	439.7	419.6
5°	517.7	513.4	508.9	502.1	497.7	491.0	486.6	479.9	455.3	408.5	368.2
7.5°	553.5	544.6	537.9	524.5	517.7	508.9	502.1	491.0	450.8	379.4	323.7
10°	595.9	580.3	569.1	553.5	540.1	529.0	517.7	502.1	446.3	348.2	283.4
12.5°	647.3	629.4	607.0	589.2	571.4	555.7	540.1	520.0	439.7	321.3	252.2
15°	698.5	671.8	656.1	631.6	607.0	584.7	562.5	544.6	442.0	292.3	225.4
17.5°	756.5	729.8	696.4	669.5	642.8	613.8	587.0	551.2	430.7	270.1	205.3
20°	812.4	774.4	743.3	709.8	671.8	636.1	602.6	571.4	421.8	247.8	187.4
22.5°	872.7	828.0	787.8	745.4	698.5	658.4	618.2	578.0	406.2	227.7	171.9
25°	946.3	894.9	836.9	785.7	736.5	687.4	636.1	587.0	390.6	209.8	160.7
27.5°	1035.6	968.6	910.6	845.9	776.7	714.3	658.4	604.9	375.0	196.4	149.5
30°	1149.4	1071.2	988.7	906.2	832.4	761.0	682.9	616.0	359.3	183.0	138.4
32.5°	1301.2	1203.0	1102.6	1006.6	908.3	816.9	734.3	647.3	350.4	171.9	127.3
35°	1502.1	1374.8	1252.0	1131.6	1013.2	901.7	794.5	696.4	350.4	158.4	113.8
37.5°	1691.7	1544.5	1388.3	1238.6	1098.1	968.6	841.4	723.1	332.6	147.3	102.7
40°	1897.0	1720.7	1537.7	1361.4	1191.9	1031.1	886.1	749.9	316.9	133.9	91.5
42.5°	2211.7	1988.7	1749.9	1544.5	1341.4	1142.7	961.9	801.3	296.8	120.5	80.4
45°	2624.7	2341.2	2060.1	1810.0	1551.2	1307.9	1093.6	894.9	292.3	109.4	69.1
47.5°	3066.5	2731.8	2401.5	2082.3	1778.9	1495.3	1238.6	999.8	292.3	98.3	60.3
50°	3506.2	3086.7	2734.1	2363.5	2022.1	1687.2	1381.5	1109.2	294.6	89.3	49.1
52.5°	3903.6	3455.0	3059.9	2631.4	2254.2	1865.9	1533.3	1216.4	290.2	78.1	40.1
55°	4454.8	3928.1	3470.6	2997.4	2555.5	2118.1	1740.9	1377.0	292.3	69.1	33.5
57.5°	5470.3	4852.0	4300.8	3680.4	3171.5	2606.8	2149.3	1707.4	319.2	58.0	24.5
60°	6927.7	6124.3	5349.9	4593.2	3946.0	3274.2	2680.4	2160.5	375.0	46.9	17.9
62.5°	7907.5	6856.3	5932.4	5097.6	4345.4	3642.4	2995.1	2403.7	412.8	37.9	11.1
63°	8007.9	6921.1	5992.6	5131.1	4363.3	3660.3	3008.5	2421.6	415.1	35.6	11.1
65°	8197.7	7032.6	6026.0	5137.8	4345.4	3635.8	2999.6	2419.4	419.6	29.0	8.9
67.5°	7981.2	6860.8	5831.9	4945.8	4189.2	3490.6	2888.1	2330.1	417.3	20.1	6.6
70°	7137.5	6209.1	5305.1	4479.3	3791.9	3160.3	2629.2	2124.7	383.8	13.4	4.5
72.5°	5240.5	4608.8	3908.1	3312.1	2856.7	2372.5	2024.3	1595.8	296.8	8.9	2.2
75°	1553.3	1415.0	1189.6	1049.0	926.2	765.5	680.8	531.2	151.8	4.5	0.0
77.5°	310.2	281.2	252.2	229.9	216.4	185.3	176.3	145.0	62.5	2.2	0.0
80°	162.9	133.9	113.8	100.4	87.0	71.4	60.3	49.1	11.1	0.0	0.0
82.5°	156.3	104.9	75.9	62.5	53.5	42.4	33.5	24.5	6.6	0.0	0.0
85°	58.0	44.6	33.5	26.8	22.4	20.1	15.6	13.4	0.0	0.0	0.0
87.5°	8.9	6.6	6.6	4.5	4.5	2.2	2.2	2.2	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°	471.0	471.0	471.0	471.0	471.0	471.0	471.0
2.5°	399.5	381.7	372.7	361.6	361.6	359.3	363.8
5°	332.6	308.1	290.2	276.8	278.9	272.3	274.6
7.5°	281.2	256.7	241.0	232.2	229.9	227.7	227.7
10°	243.3	220.9	207.5	200.9	198.7	198.7	198.7
12.5°	216.4	194.2	183.0	178.5	178.5	176.3	176.3
15°	194.2	176.3	165.2	160.7	160.7	158.4	160.7
17.5°	176.3	158.4	149.5	145.0	145.0	142.9	142.9
20°	160.7	145.0	136.2	129.4	129.4	127.3	129.4
22.5°	147.3	131.7	120.5	116.0	113.8	111.5	113.8
25°	133.9	118.3	107.1	100.4	98.3	98.3	96.0
27.5°	122.8	107.1	93.8	87.0	84.8	84.8	82.5
30°	111.5	93.8	80.4	73.6	71.4	71.4	71.4
32.5°	100.4	80.4	69.1	62.5	60.3	60.3	60.3
35°	89.3	69.1	58.0	51.4	49.1	49.1	49.1
37.5°	75.9	58.0	44.6	40.1	37.9	35.6	35.6
40°	64.8	44.6	33.5	29.0	24.5	24.5	24.5
42.5°	53.5	35.6	24.5	17.9	15.6	13.4	15.6
45°	44.6	26.8	15.6	8.9	6.6	6.6	6.6
47.5°	35.6	17.9	6.6	2.2	2.2	2.2	2.2
50°	26.8	11.1	2.2	0.0	0.0	2.2	2.2
52.5°	20.1	6.6	0.0	0.0	0.0	0.0	0.0
55°	11.1	2.2	0.0	0.0	0.0	0.0	0.0
57.5°	6.6	0.0	0.0	0.0	0.0	0.0	0.0
60°	4.5	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	2.2	0.0	0.0	0.0	0.0	0.0	0.0
63°	2.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.2	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)