

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: P165103

Luminaire Tested: **VST-F10-LED-E-U-SL2-HSS-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P165103
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-F10-LED-E-U-SL2-HSS-7050
Description: VENTUS LED SITE/ROADWAY LUMINAIRE
(10) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD
Light Source: (70) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15346.2 lumens
Efficiency: N/A
Efficacy: 59.3 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: B0 - U0 - G3

Input Watts (W): 258.7
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



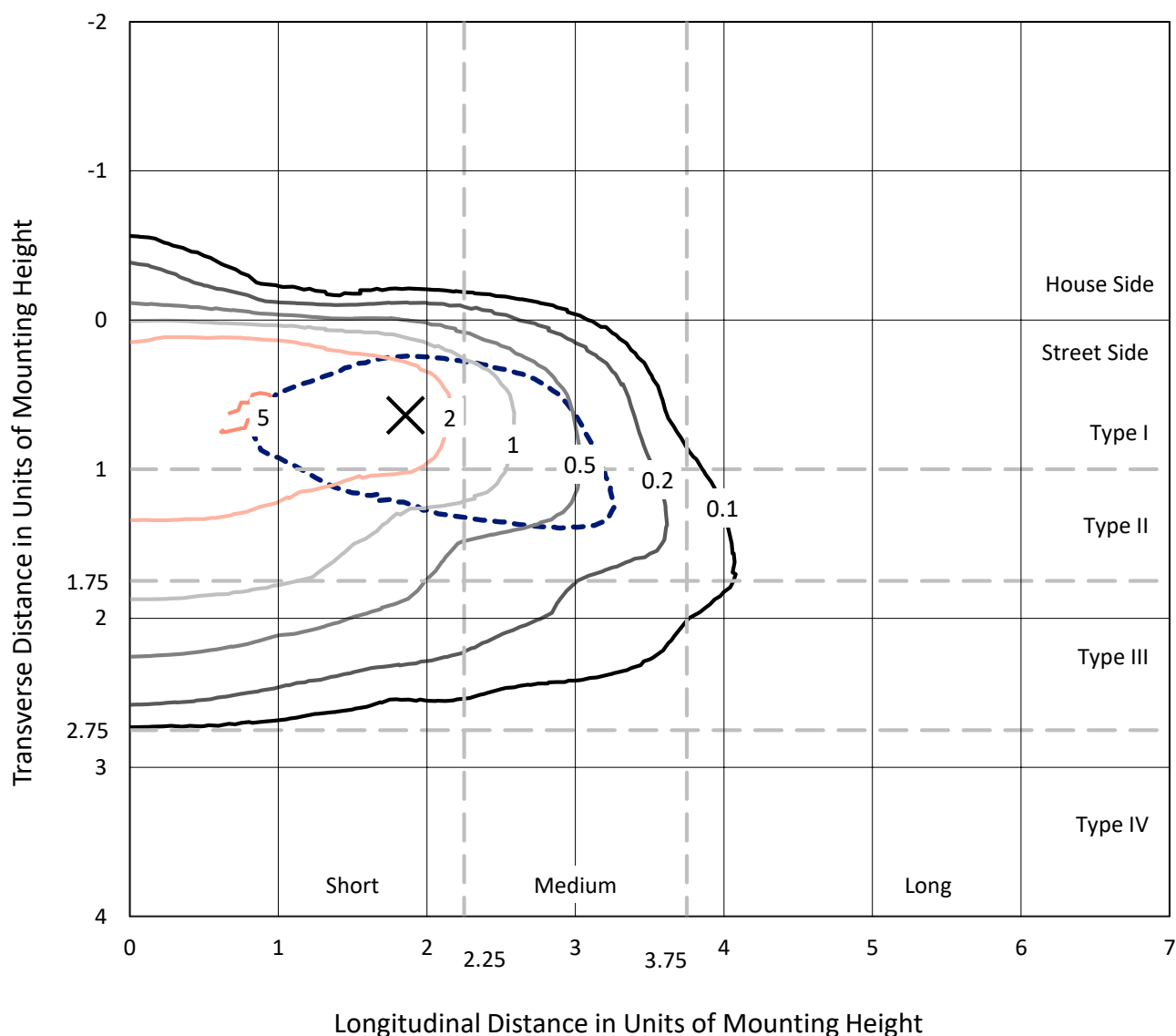
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

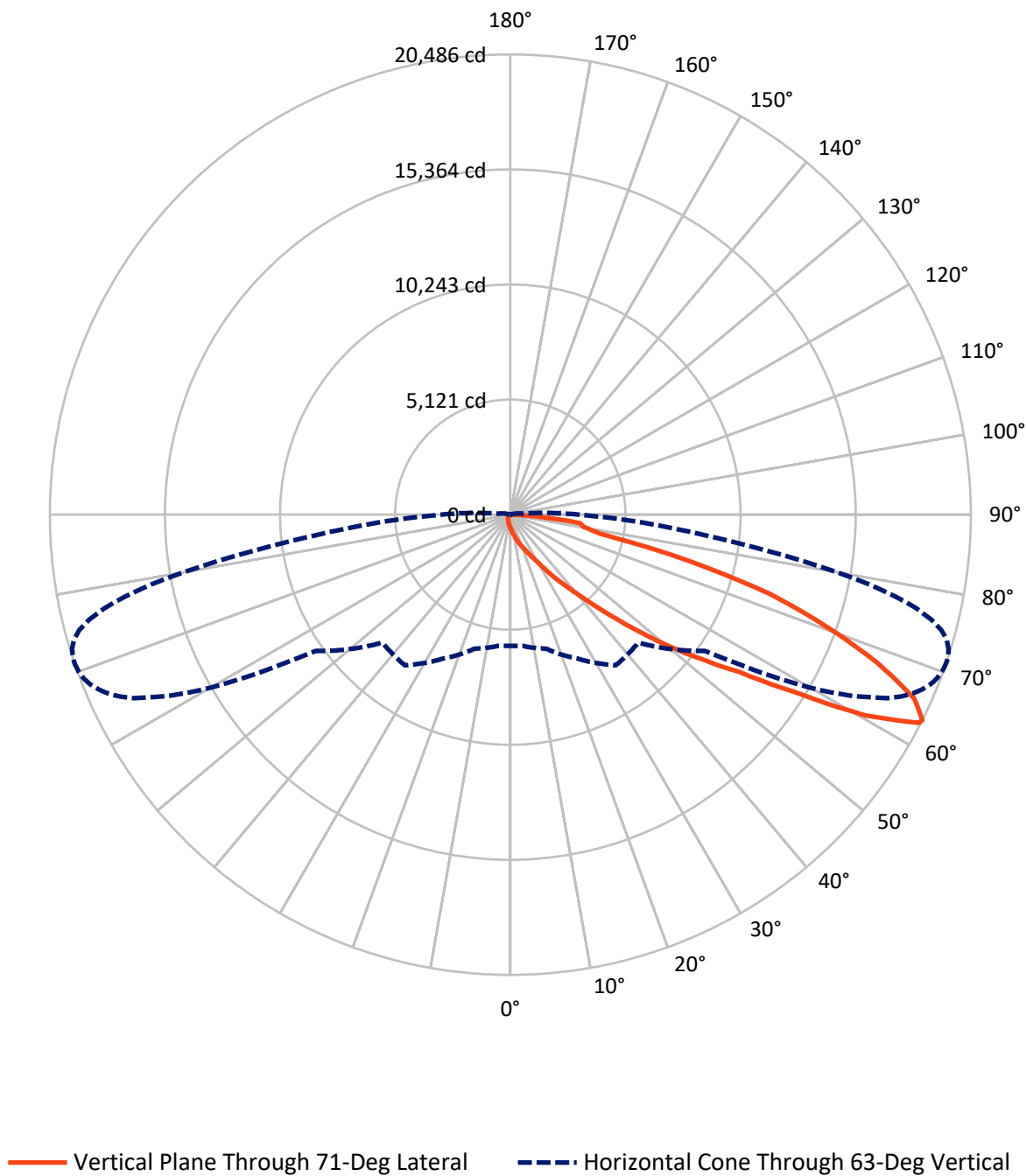


Based on 25 foot mounting height. Maximum calculated value = 5.2 fc
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Luminous Intensity Polar Plot



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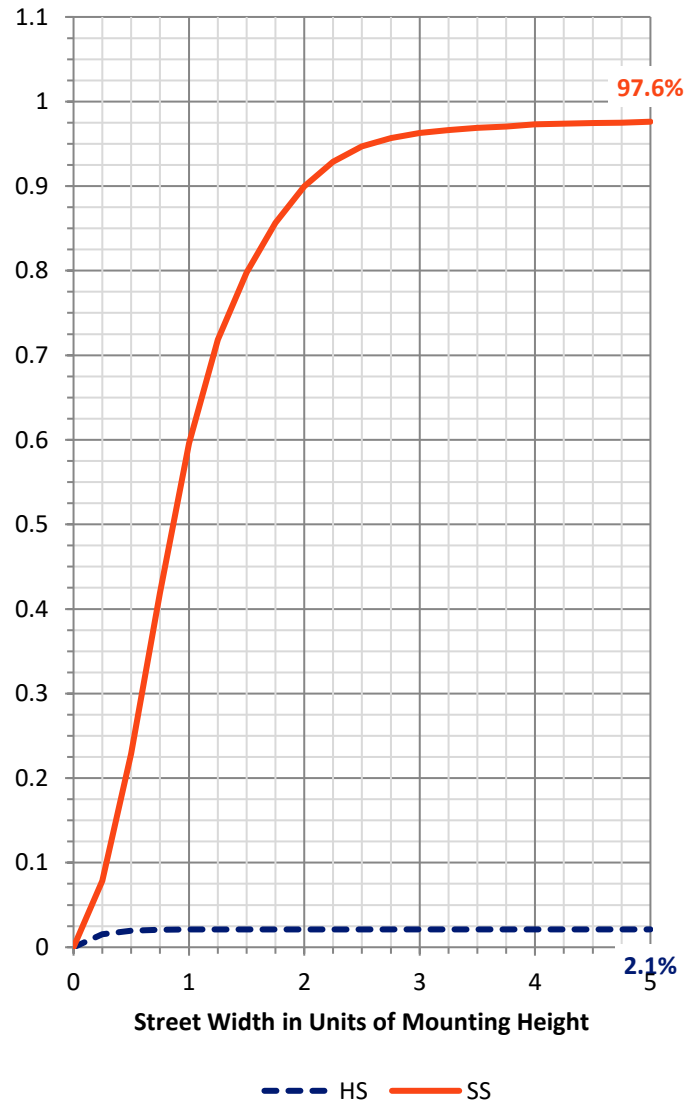
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	325.8	0.0	325.8
	% Fixture	2.1	0.0	2.1
Street Side	Lumens	15020.3	0.0	15020.3
	% Fixture	97.9	0.0	97.9
Total	Lumens	15346.2	0.0	15346.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.1	0.4
10°-20°	252.3	1.6
20°-30°	512.5	3.3
30°-40°	1252.2	8.2
40°-50°	2800.4	18.2
50°-60°	3937.7	25.7
60°-70°	4630.4	30.2
70°-80°	1672.0	10.9
80°-90°	223.6	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°	15346.2	100.0
0°-180°	15346.2	100.0

Coefficient of Utilization



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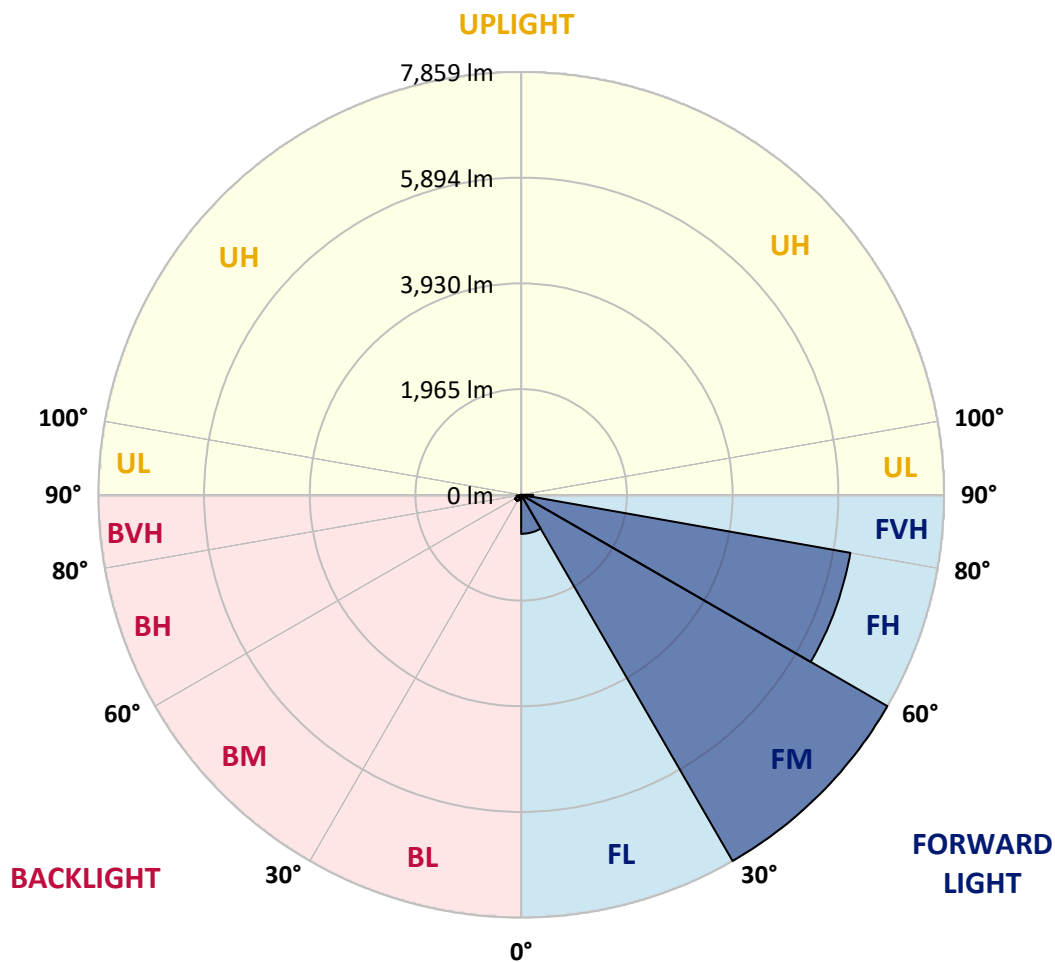
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	725.2	4.7			
FM	(30°-60°)	7859.0	51.2			
FH	(60°-80°)	6213.1	40.5			G3/7500
FVH	(80°-90°)	223.1	1.5			G2/225
BL	(0°-30°)	104.8	0.7	B0/110		
BM	(30°-60°)	131.3	0.9	B0/220		
BH	(60°-80°)	89.3	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°	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7
2.5°	770.0	778.3	772.7	758.8	742.0	719.8	700.2	700.2	697.5	689.0	691.9
5°	1009.9	1012.8	1001.6	968.0	937.4	889.9	836.9	831.3	825.7	817.4	814.7
7.5°	1244.4	1255.4	1244.4	1207.9	1146.6	1074.1	990.4	982.1	965.3	965.3	954.1
10°	1484.2	1484.2	1473.1	1431.2	1375.3	1272.1	1166.1	1152.2	1132.7	1127.1	1110.3
12.5°	1654.3	1654.3	1648.7	1626.6	1581.8	1489.8	1361.4	1347.5	1322.5	1314.0	1294.5
15°	1721.3	1721.3	1724.1	1743.6	1746.5	1704.7	1570.6	1559.5	1534.4	1512.0	1503.7
17.5°	1763.1	1760.4	1760.4	1788.3	1838.5	1866.4	1779.9	1768.7	1740.9	1729.7	1701.8
20°	1855.3	1849.7	1832.9	1832.9	1880.3	1977.9	1977.9	1975.2	1944.5	1936.1	1922.2
22.5°	1992.0	1986.4	1936.1	1894.2	1916.6	2039.4	2153.8	2148.2	2137.0	2125.8	2117.5
25°	2215.1	2195.6	2109.0	1986.4	1966.9	2098.0	2287.6	2301.7	2310.0	2310.0	2315.6
27.5°	2552.7	2527.7	2374.2	2145.5	2058.9	2192.7	2435.5	2463.5	2488.5	2494.1	2519.2
30°	3021.3	2976.8	2756.4	2421.6	2223.6	2332.3	2653.2	2683.9	2720.1	2731.3	2770.3
32.5°	3791.3	3766.3	3554.3	3052.0	2628.0	2605.8	2957.3	2996.3	3043.7	3063.2	3110.6
35°	4963.2	4968.8	4795.8	4343.8	3758.0	3451.0	3501.3	3534.7	3551.4	3610.1	3635.1
37.5°	5758.3	5772.1	5811.3	5632.7	5214.3	4901.7	4508.3	4544.7	4458.2	4466.5	4469.3
40°	6193.5	6238.0	6466.9	6639.9	6606.3	6425.1	6109.8	6129.3	5967.5	5931.2	5755.4
42.5°	6483.5	6542.1	6907.7	7443.3	7716.7	7881.4	7808.9	7800.4	7674.8	7627.4	7479.5
45°	6665.0	6718.0	7178.3	7967.8	8598.3	9078.1	9276.2	9298.5	9192.5	9145.0	9022.4
47.5°	6656.5	6718.0	7211.7	8163.1	9092.2	9859.3	10417.3	10445.1	10509.3	10467.5	10475.8
50°	6288.4	6347.0	6843.5	7831.0	8947.0	10216.4	11237.5	11326.8	11429.9	11499.7	11533.3
52.5°	5841.9	5883.8	6324.6	7262.0	8327.6	10068.5	11722.8	11876.3	12029.8	12161.0	12252.9
55°	5677.3	5724.7	6070.7	6849.1	7831.0	9449.1	11948.8	12174.8	12392.5	12607.4	12783.0
57.5°	5763.8	5808.4	6056.8	6653.8	7535.4	8796.4	12013.1	12364.6	12721.7	13070.4	13416.3
60°	6081.8	6129.3	6341.4	6835.1	7457.3	8419.8	11762.0	12345.1	12939.2	13547.4	14119.4
62.5°	5956.3	5975.8	6288.4	7153.2	8015.2	8098.9	10849.7	11664.4	12571.1	13508.5	14431.8
63°	5836.4	5858.7	6176.7	7066.6	8185.5	8051.5	10567.9	11427.2	12384.1	13394.0	14398.4
65°	5292.4	5295.1	5537.8	6240.9	7995.7	8135.1	9312.6	10132.7	11231.9	12442.7	13712.1
67.5°	3950.4	3930.9	4165.2	4700.9	6277.2	8138.0	7992.8	8453.3	9217.7	10291.8	11429.9
70°	1400.6	1369.9	1749.2	2491.2	3911.3	6656.5	6868.6	6899.3	7111.4	7691.6	8405.9
72.5°	454.7	463.2	557.9	912.3	1802.2	4480.5	6218.6	6123.7	6067.9	6065.1	6159.9
75°	181.3	184.2	223.1	404.6	809.1	2159.4	5445.8	5498.7	5518.4	5546.1	5577.0
77.5°	86.4	94.9	125.5	226.0	401.7	1068.5	3897.4	4346.5	4603.2	4801.4	4921.3
80°	30.7	36.3	69.8	139.4	186.9	491.0	2053.3	2477.4	2854.0	3339.5	3758.0
82.5°	0.0	0.0	13.9	97.6	103.2	198.0	842.5	987.5	1129.8	1464.6	1880.3
85°	0.0	0.0	0.0	28.0	30.7	33.5	284.6	343.2	385.1	449.1	518.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	2.7	8.3	16.8	41.8	64.2
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°	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7
2.5°	686.3	683.6	683.6	678.0	675.1	669.5	666.8	658.3	655.6	655.6	655.6
5°	811.8	800.7	795.1	781.2	772.7	770.0	756.1	750.5	742.0	744.9	730.9
7.5°	951.3	931.8	923.5	903.8	898.4	878.8	873.2	859.3	851.0	834.2	828.6
10°	1104.8	1079.7	1065.8	1035.0	1026.7	1012.8	996.0	979.2	965.3	948.6	940.3
12.5°	1280.6	1258.2	1247.1	1205.2	1185.7	1166.1	1143.9	1121.5	1099.2	1085.3	1065.8
15°	1487.0	1450.7	1439.5	1400.6	1367.0	1341.9	1311.3	1283.3	1266.5	1238.8	1219.1
17.5°	1690.6	1654.3	1646.0	1587.4	1551.2	1534.4	1501.0	1464.6	1433.9	1406.1	1375.3
20°	1894.2	1869.2	1846.8	1791.1	1752.1	1724.1	1679.4	1643.2	1618.1	1579.1	1540.0
22.5°	2098.0	2072.8	2056.2	1997.6	1961.3	1922.2	1883.2	1844.1	1807.8	1760.4	1715.8
25°	2307.3	2290.5	2282.0	2229.2	2195.6	2159.4	2120.2	2075.7	2030.9	1977.9	1930.7
27.5°	2524.8	2530.4	2513.6	2502.4	2466.2	2441.1	2379.8	2349.1	2315.6	2251.4	2192.7
30°	2800.9	2817.7	2812.1	2820.6	2798.2	2781.5	2734.0	2695.1	2655.9	2594.6	2527.7
32.5°	3149.8	3172.1	3183.1	3214.0	3202.8	3197.2	3183.1	3127.4	3099.4	2993.6	2965.6
35°	3688.2	3677.0	3724.4	3749.5	3738.3	3732.9	3716.1	3685.5	3651.9	3576.5	3506.9
37.5°	4388.4	4399.5	4416.3	4366.2	4332.6	4329.9	4279.6	4248.9	4201.5	4117.8	4034.1
40°	5671.7	5602.0	5523.9	5311.8	5219.8	5166.8	5018.9	4977.1	4896.1	4781.7	4695.3
42.5°	7340.1	7270.3	7036.0	6681.7	6492.0	6229.7	6109.8	5961.9	5847.5	5660.7	5560.2
45°	8997.3	8796.4	8768.4	8355.6	8121.3	7775.3	7560.5	7312.1	7052.8	6807.3	6628.7
47.5°	10395.0	10350.2	10213.7	9962.5	9744.9	9454.7	9178.6	8796.4	8528.5	8179.9	7859.0
50°	11513.6	11510.9	11460.6	11315.6	11134.3	10900.0	10657.2	10333.6	10029.5	9602.6	9259.6
52.5°	12350.7	12395.3	12412.0	12367.3	12297.7	12091.2	11968.5	11697.8	11441.1	11078.4	10707.4
55°	12964.3	13129.0	13212.7	13307.6	13288.1	13215.6	13210.0	13034.1	12917.1	12629.6	12367.3
57.5°	13723.3	13993.9	14253.2	14713.7	14730.3	14892.3	14976.0	15059.6	15081.8	14967.5	14881.1
60°	14688.5	15240.9	15731.9	16694.5	16945.6	17341.7	17598.3	17877.4	18114.4	18134.0	18128.4
62.5°	15369.2	16220.1	17012.5	18440.8	18929.1	19386.7	19729.7	20000.5	20165.0	20332.4	20410.5
63°	15388.8	16320.6	17163.1	18636.2	19149.5	19584.7	19911.2	20162.3	20335.2	20435.5	20485.8
65°	14917.3	16047.2	17051.5	18518.9	19001.6	19439.7	19609.8	19774.5	19858.2	19897.1	19749.2
67.5°	12643.6	13748.4	14920.1	16560.5	16973.4	17497.9	17637.5	17721.2	17760.1	17751.8	17626.3
70°	9454.7	10381.1	11683.9	13558.6	14105.5	14618.8	14936.8	15073.5	15118.1	15104.2	14917.3
72.5°	6600.8	7144.7	8218.8	10305.7	11050.6	11709.0	12102.3	12306.0	12347.8	12264.1	12091.2
75°	5543.4	5571.4	5814.0	6955.0	7652.5	8355.6	8799.1	8927.5	8843.8	8589.9	8149.2
77.5°	4949.1	5010.6	5010.6	5180.7	5317.4	5512.8	5554.6	5242.0	4879.5	4410.7	4031.4
80°	4151.3	4366.2	4516.8	4642.3	4656.2	4617.2	4513.9	4338.2	4059.2	3702.1	3306.0
82.5°	2522.1	2946.1	3119.1	3766.3	4084.3	4299.1	4282.5	4048.0	3836.1	3465.0	3127.4
85°	636.2	686.3	744.9	968.0	1085.3	1325.2	1475.8	1545.6	1570.6	1442.4	1305.7
87.5°	61.3	41.8	69.8	53.0	75.4	55.7	75.4	69.8	86.4	92.0	100.5
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):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7
2.5°	650.0	647.2	644.5	641.7	638.9	636.2	630.6	630.6	625.0	622.1	619.4
5°	722.6	717.0	714.3	708.7	700.2	694.6	686.3	675.1	666.8	663.9	658.3
7.5°	814.7	800.7	795.1	786.8	775.6	758.8	747.6	739.3	725.4	717.0	700.2
10°	917.9	903.8	887.2	870.5	853.7	834.2	820.1	809.1	786.8	775.6	756.1
12.5°	1049.0	1023.9	1004.3	982.1	959.7	937.4	920.6	887.2	867.6	842.5	825.7
15°	1182.9	1160.5	1138.3	1110.3	1076.8	1040.5	1023.9	993.1	968.0	929.1	906.7
17.5°	1344.6	1302.8	1269.4	1235.9	1205.2	1171.7	1138.3	1090.9	1054.6	1021.1	976.5
20°	1503.7	1453.6	1417.2	1372.6	1328.0	1275.0	1235.9	1202.3	1152.2	1107.6	1060.2
22.5°	1673.8	1623.7	1565.1	1520.5	1459.2	1417.2	1364.3	1308.4	1258.2	1199.6	1141.0
25°	1880.3	1827.3	1760.4	1701.8	1632.0	1573.5	1509.3	1445.1	1383.8	1316.9	1241.5
27.5°	2134.3	2078.4	2005.9	1936.1	1844.1	1771.6	1710.2	1623.7	1545.6	1461.9	1375.3
30°	2455.0	2393.7	2304.4	2203.9	2111.9	2030.9	1944.5	1830.2	1743.6	1643.2	1531.7
32.5°	2873.6	2800.9	2681.0	2586.1	2471.8	2365.7	2245.8	2131.4	2008.8	1877.6	1749.2
35°	3400.8	3333.9	3194.3	3054.9	2929.4	2803.8	2653.2	2522.1	2349.1	2190.0	2025.4
37.5°	3947.7	3827.6	3699.3	3548.7	3392.4	3241.8	3057.6	2876.3	2678.3	2505.3	2298.8
40°	4572.5	4427.5	4321.4	4159.6	3939.2	3724.4	3554.3	3328.3	3080.0	2848.4	2605.8
42.5°	5429.1	5267.3	5077.5	4832.1	4673.0	4421.9	4201.5	3933.6	3607.2	3347.8	3054.9
45°	6419.5	6199.1	6014.9	5777.7	5585.3	5272.9	5016.2	4659.1	4332.6	3992.3	3635.1
47.5°	7549.3	7275.9	7008.0	6773.7	6466.9	6159.9	5833.6	5454.2	5035.7	4661.8	4237.7
50°	8846.5	8458.7	8087.7	7786.5	7365.2	7010.9	6656.5	6229.7	5766.6	5336.9	4854.3
52.5°	10288.9	9839.8	9348.8	8885.7	8397.4	7942.7	7515.8	7024.8	6508.8	5984.3	5445.8
55°	12029.8	11692.2	11114.8	10526.1	9873.2	9265.1	8715.4	8107.4	7479.5	6790.5	6224.1
57.5°	14755.5	14590.9	14108.2	13519.7	12668.7	11929.4	10997.6	10252.7	9343.2	8394.7	7663.7
60°	18449.3	18245.5	17974.9	17497.9	16822.8	15818.5	14791.8	13634.0	12250.2	10936.3	9689.2
62.5°	20418.9	20346.2	20126.0	19796.7	19166.3	18373.9	17339.0	16066.7	14504.5	12908.6	11318.5
63°	20477.4	20385.4	20195.6	19860.9	19305.7	18538.6	17522.9	16287.1	14758.3	13131.9	11508.0
65°	19685.2	19648.9	19456.3	19090.9	18711.6	18125.6	17339.0	16275.9	14992.6	13455.5	11840.1
67.5°	17458.9	17350.0	17054.3	16942.7	16677.7	16270.3	15670.6	14939.5	14021.8	12813.7	11418.7
70°	14766.6	14604.8	14233.8	14035.7	13712.1	13455.5	13090.0	12568.2	12001.9	11159.4	10118.8
72.5°	11912.6	11577.8	11237.5	10721.4	10269.4	9811.8	9407.3	9039.1	8416.9	8076.5	7287.1
75°	7736.2	7128.0	6545.0	5763.8	5060.8	4438.7	3833.2	3526.4	2887.5	2628.0	2256.9
77.5°	3671.4	3331.0	2873.6	2519.2	2067.2	1687.9	1378.2	1035.0	811.8	636.2	485.4
80°	2962.7	2675.4	2399.3	2078.4	1738.0	1386.5	1062.9	795.1	563.5	390.5	276.1
82.5°	2642.0	2329.5	1989.1	1768.7	1537.3	1258.2	1032.2	842.5	622.1	454.7	309.7
85°	1026.7	864.9	666.8	544.0	424.0	348.7	315.3	217.5	170.3	133.8	103.2
87.5°	89.3	72.5	58.6	39.1	41.8	22.4	25.1	16.8	13.9	13.9	11.2
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°	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7
2.5°	616.5	613.8	610.9	605.3	605.3	599.9	597.0	594.3	580.2	549.6	524.5
5°	647.2	641.7	636.2	627.7	622.1	613.8	608.2	599.9	569.1	510.6	460.3
7.5°	691.9	680.7	672.4	655.6	647.2	636.2	627.7	613.8	563.5	474.2	404.6
10°	744.9	725.4	711.4	691.9	675.1	661.2	647.2	627.7	557.9	435.2	354.2
12.5°	809.1	786.8	758.8	736.4	714.3	694.6	675.1	650.0	549.6	401.7	315.3
15°	873.2	839.8	820.1	789.5	758.8	730.9	703.1	680.7	552.5	365.4	281.7
17.5°	945.7	912.3	870.5	836.9	803.5	767.3	733.7	689.0	538.4	337.6	256.7
20°	1015.5	968.0	929.1	887.2	839.8	795.1	753.2	714.3	527.2	309.7	234.3
22.5°	1090.9	1035.0	984.8	931.8	873.2	823.0	772.7	722.6	507.7	284.6	214.8
25°	1182.9	1118.6	1046.1	982.1	920.6	859.3	795.1	733.7	488.3	262.3	200.9
27.5°	1294.5	1210.8	1138.3	1057.3	970.9	892.8	823.0	756.1	468.8	245.5	186.9
30°	1436.8	1339.1	1235.9	1132.7	1040.5	951.3	853.7	770.0	449.1	228.7	173.0
32.5°	1626.6	1503.7	1378.2	1258.2	1135.4	1021.1	917.9	809.1	437.9	214.8	159.1
35°	1877.6	1718.5	1565.1	1414.4	1266.5	1127.1	993.1	870.5	437.9	198.0	142.3
37.5°	2114.6	1930.7	1735.3	1548.3	1372.6	1210.8	1051.7	903.8	415.7	184.2	128.4
40°	2371.3	2150.9	1922.2	1701.8	1489.8	1288.9	1107.6	937.4	396.1	167.4	114.4
42.5°	2764.7	2485.8	2187.3	1930.7	1676.7	1428.3	1202.3	1001.6	371.0	150.6	100.5
45°	3280.9	2926.5	2575.1	2262.5	1939.0	1634.9	1367.0	1118.6	365.4	136.7	86.4
47.5°	3833.2	3414.7	3001.9	2602.9	2223.6	1869.2	1548.3	1249.8	365.4	122.8	75.4
50°	4382.8	3858.4	3417.6	2954.4	2527.7	2109.0	1726.8	1386.5	368.3	111.6	61.3
52.5°	4879.5	4318.7	3824.9	3289.2	2817.7	2332.3	1916.6	1520.5	362.7	97.6	50.1
55°	5568.5	4910.2	4338.2	3746.8	3194.3	2647.6	2176.1	1721.3	365.4	86.4	41.8
57.5°	6837.9	6065.1	5376.1	4600.5	3964.3	3258.5	2686.6	2134.3	399.0	72.5	30.7
60°	8659.7	7655.4	6687.3	5741.5	4932.5	4092.7	3350.5	2700.6	468.8	58.6	22.4
62.5°	9884.4	8570.4	7415.5	6372.0	5431.8	4553.0	3743.9	3004.6	516.0	47.4	13.9
63°	10009.9	8651.4	7490.7	6413.9	5454.2	4575.4	3760.7	3026.9	518.9	44.6	13.9
65°	10247.1	8790.8	7532.5	6422.2	5431.8	4544.7	3749.5	3024.2	524.5	36.3	11.2
67.5°	9976.5	8576.0	7289.9	6182.3	5236.5	4363.3	3610.1	2912.6	521.6	25.1	8.3
70°	8921.9	7761.4	6631.4	5599.2	4739.9	3950.4	3286.5	2655.9	479.8	16.8	5.6
72.5°	6550.6	5761.0	4885.1	4140.2	3570.9	2965.6	2530.4	1994.7	371.0	11.2	2.7
75°	1941.7	1768.7	1487.0	1311.3	1157.8	956.9	851.0	663.9	189.7	5.6	0.0
77.5°	387.8	351.5	315.3	287.3	270.6	231.6	220.4	181.3	78.1	2.7	0.0
80°	203.6	167.4	142.3	125.5	108.8	89.3	75.4	61.3	13.9	0.0	0.0
82.5°	195.3	131.1	94.9	78.1	66.9	53.0	41.8	30.7	8.3	0.0	0.0
85°	72.5	55.7	41.8	33.5	28.0	25.1	19.5	16.8	0.0	0.0	0.0
87.5°	11.2	8.3	8.3	5.6	5.6	2.7	2.7	2.7	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°	588.7	588.7	588.7	588.7	588.7	588.7	588.7
2.5°	499.4	477.1	465.9	452.0	452.0	449.1	454.7
5°	415.7	385.1	362.7	345.9	348.7	340.4	343.2
7.5°	351.5	320.9	301.2	290.2	287.3	284.6	284.6
10°	304.1	276.1	259.4	251.1	248.4	248.4	248.4
12.5°	270.6	242.8	228.7	223.1	223.1	220.4	220.4
15°	242.8	220.4	206.5	200.9	200.9	198.0	200.9
17.5°	220.4	198.0	186.9	181.3	181.3	178.6	178.6
20°	200.9	181.3	170.3	161.8	161.8	159.1	161.8
22.5°	184.2	164.7	150.6	145.0	142.3	139.4	142.3
25°	167.4	147.9	133.8	125.5	122.8	122.8	119.9
27.5°	153.5	133.8	117.2	108.8	106.1	106.1	103.2
30°	139.4	117.2	100.5	92.0	89.3	89.3	89.3
32.5°	125.5	100.5	86.4	78.1	75.4	75.4	75.4
35°	111.6	86.4	72.5	64.2	61.3	61.3	61.3
37.5°	94.9	72.5	55.7	50.1	47.4	44.6	44.6
40°	81.0	55.7	41.8	36.3	30.7	30.7	30.7
42.5°	66.9	44.6	30.7	22.4	19.5	16.8	19.5
45°	55.7	33.5	19.5	11.2	8.3	8.3	8.3
47.5°	44.6	22.4	8.3	2.7	2.7	2.7	2.7
50°	33.5	13.9	2.7	0.0	0.0	2.7	2.7
52.5°	25.1	8.3	0.0	0.0	0.0	0.0	0.0
55°	13.9	2.7	0.0	0.0	0.0	0.0	0.0
57.5°	8.3	0.0	0.0	0.0	0.0	0.0	0.0
60°	5.6	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	2.7	0.0	0.0	0.0	0.0	0.0	0.0
63°	2.7	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.7	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)