

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: P165115

Luminaire Tested: **VST-E12-LED-E-U-SL2-HSS-8030**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P165115  
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-E12-LED-E-U-SL2-HSS-8030  
Description: VENTUS LED SITE/ROADWAY LUMINAIRE  
(12) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD  
Light Source: (252) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: -

**Summary**

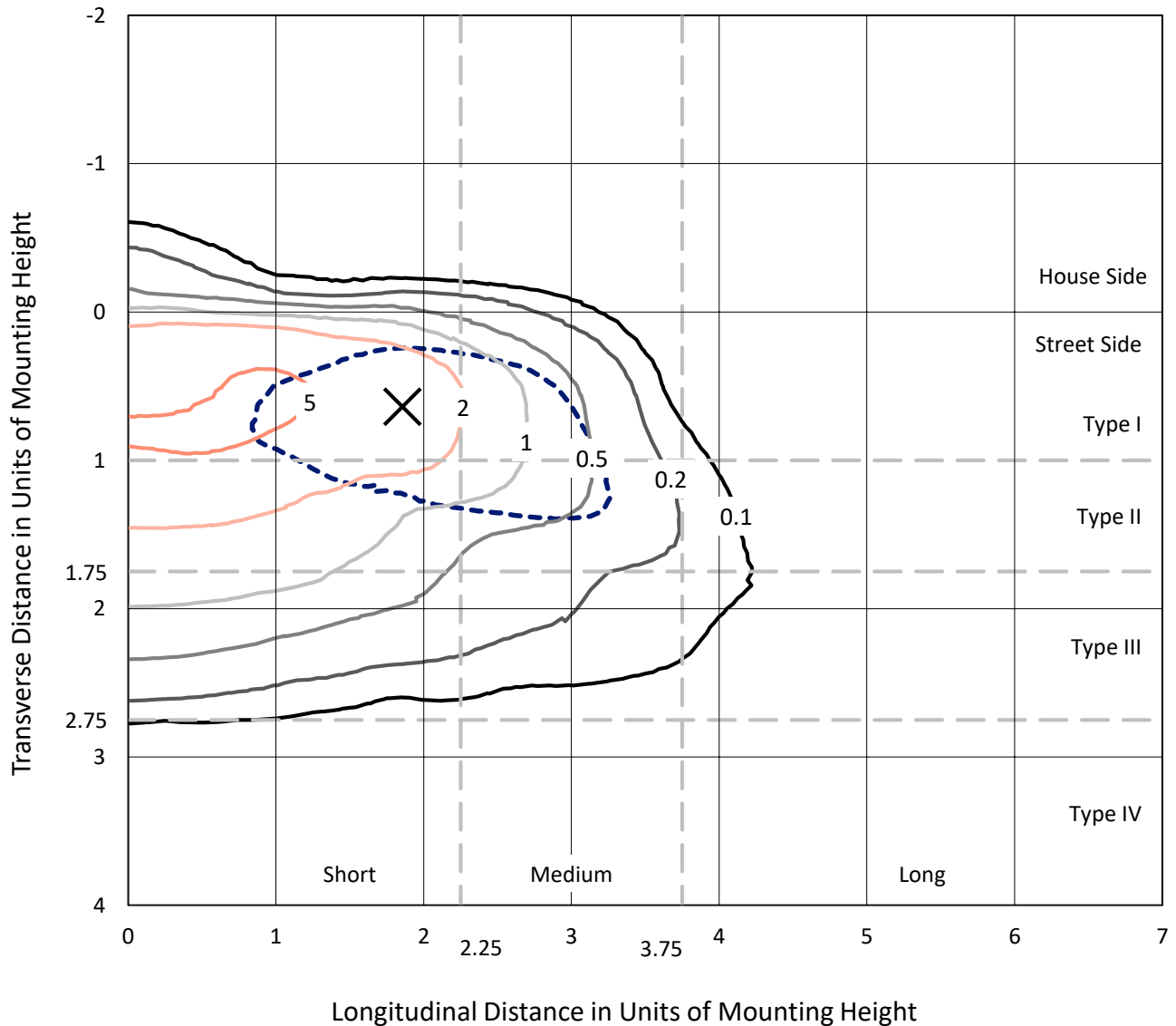
Lumens per Lamp: N/A  
Luminaire Lumens: 18348.3 lumens  
Efficiency: N/A  
Efficacy: 62.9 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 2' x L: 1' x H: 0.1')  
IES Classification: Type II - Short - Non-Cutoff  
BUG Rating: B1 - U0 - G3  
  
Input Watts (W): 291.7  
Input Voltage (V): NR  
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

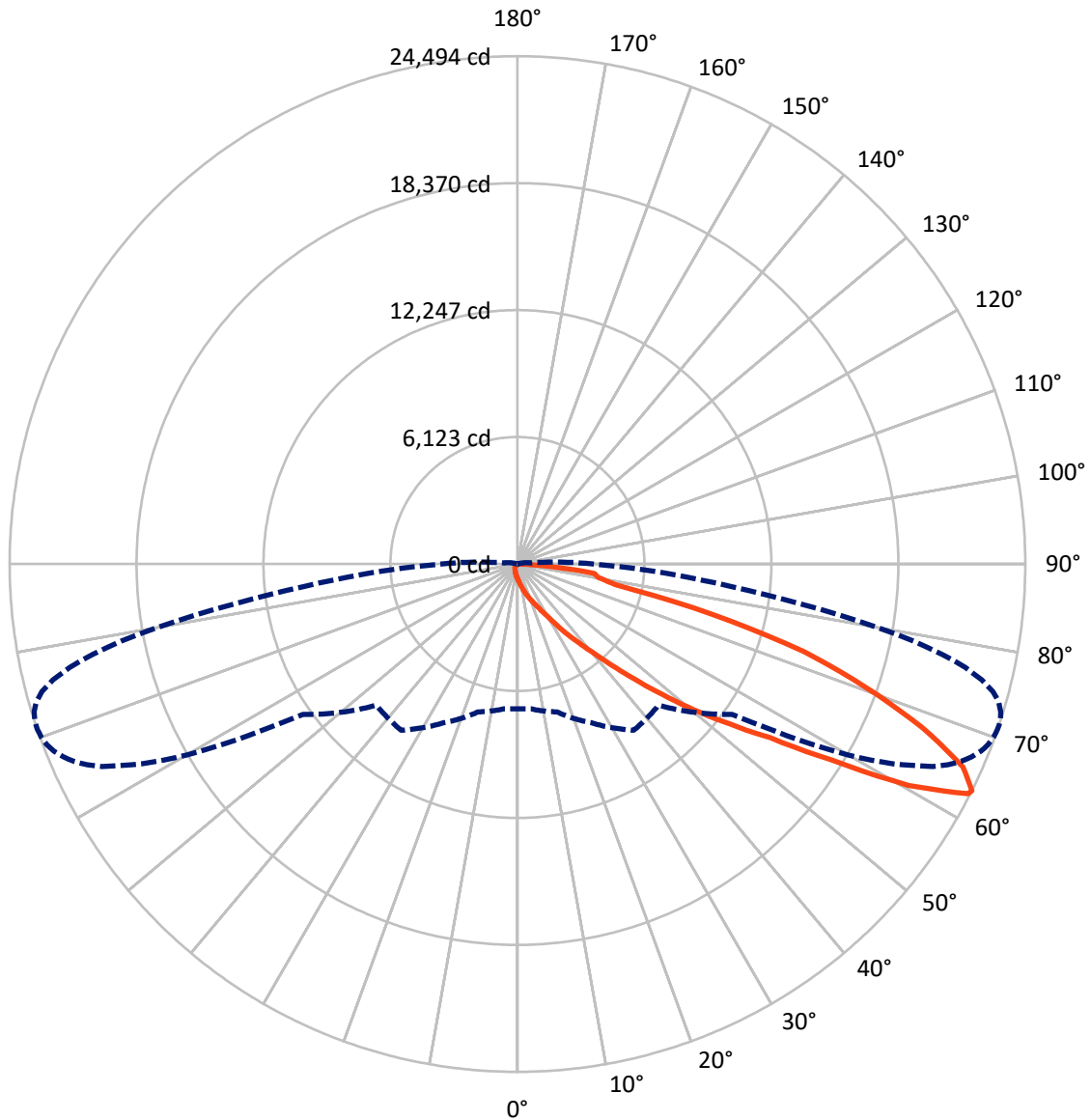
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.2 fc  
 Type II - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 71-Deg Lateral    - - - Horizontal Cone Through 63-Deg Vertical

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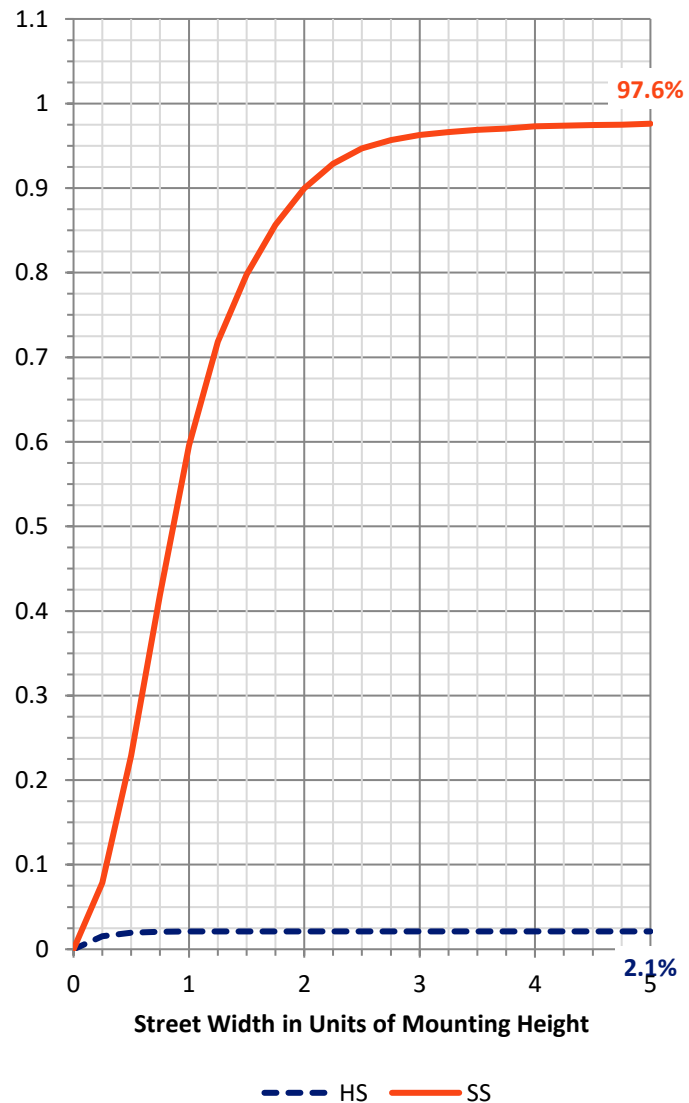
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	389.5	0.0	389.5
	% Fixture	2.1	0.0	2.1
<b>Street Side</b>	Lumens	17958.8	0.0	17958.8
	% Fixture	97.9	0.0	97.9
<b>Total</b>	Lumens	18348.3	0.0	18348.3
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	77.8	0.4
10°-20°	301.7	1.6
20°-30°	612.8	3.3
30°-40°	1497.1	8.2
40°-50°	3348.2	18.2
50°-60°	4708.0	25.7
60°-70°	5536.2	30.2
70°-80°	1999.1	10.9
80°-90°	267.3	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°	18348.3	100.0
0°-180°	18348.3	100.0



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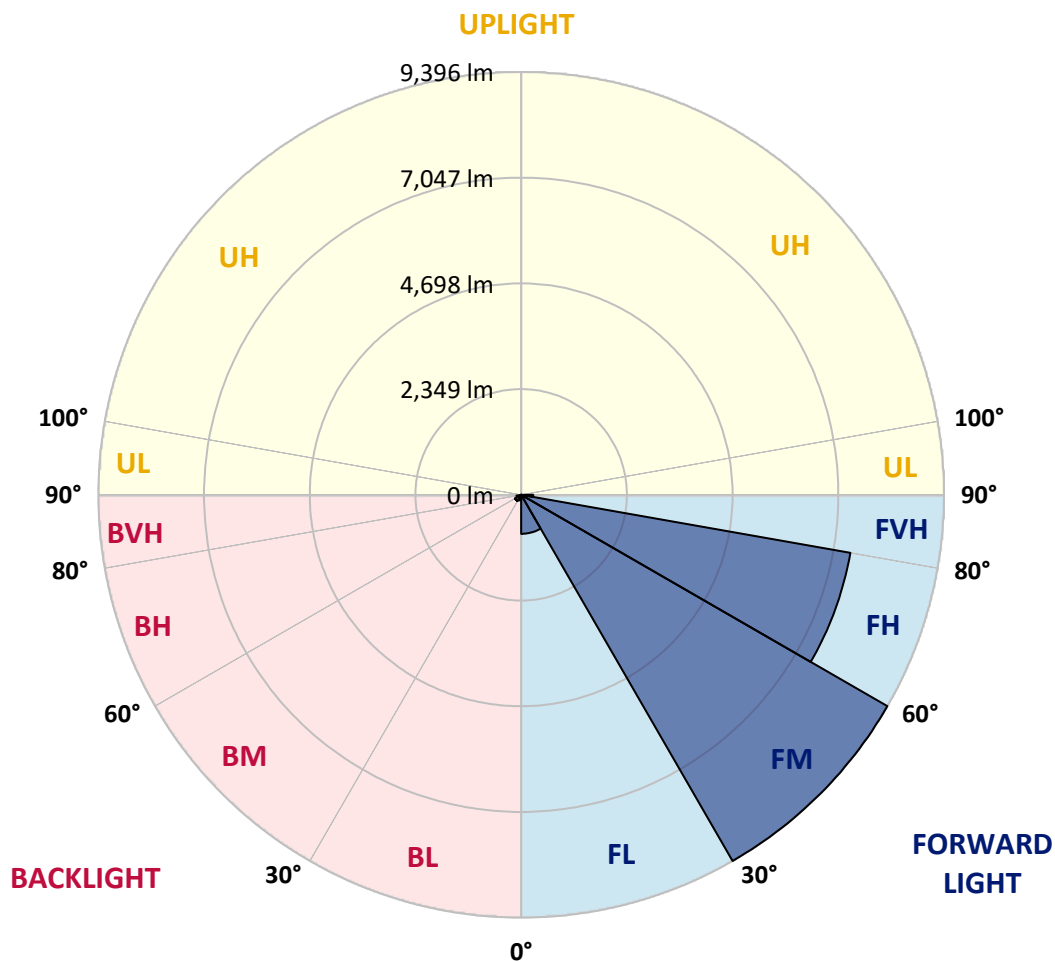
CATALOG NUMBER: VST-E12-LED-E-U-SL2-HSS-8030

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	867.0	4.7			
FM	(30°-60°)	9396.5	51.2			
FH	(60°-80°)	7428.5	40.5			G3/7500
FVH	(80°-90°)	266.8	1.5			G3/500
BL	(0°-30°)	125.2	0.7	B1/500		
BM	(30°-60°)	156.9	0.9	B0/220		
BH	(60°-80°)	106.8	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°	703.9	703.9	703.9	703.9	703.9	703.9	703.9	703.9	703.9	703.9	703.9
2.5°	920.6	930.6	923.9	907.3	887.2	860.7	837.2	837.2	833.9	823.8	827.2
5°	1207.4	1210.9	1197.5	1157.4	1120.8	1064.0	1000.6	994.0	987.3	977.3	974.1
7.5°	1487.8	1501.0	1487.8	1444.2	1370.9	1284.2	1184.2	1174.2	1154.2	1154.2	1140.8
10°	1774.6	1774.6	1761.2	1711.2	1644.4	1521.0	1394.2	1377.6	1354.3	1347.6	1327.6
12.5°	1978.0	1978.0	1971.3	1944.8	1891.3	1781.3	1627.8	1611.1	1581.2	1571.0	1547.7
15°	2058.0	2058.0	2061.4	2084.7	2088.2	2038.1	1877.9	1864.5	1834.6	1807.8	1797.9
17.5°	2108.0	2104.8	2104.8	2138.2	2198.2	2231.6	2128.1	2114.7	2081.5	2068.1	2034.7
20°	2218.2	2211.5	2191.5	2191.5	2248.2	2364.9	2364.9	2361.6	2325.0	2314.8	2298.2
22.5°	2381.7	2375.0	2314.8	2264.8	2291.5	2438.4	2575.1	2568.4	2555.1	2541.7	2531.8
25°	2648.4	2625.1	2521.6	2375.0	2351.7	2508.5	2735.1	2752.0	2761.9	2761.9	2768.6
27.5°	3052.1	3022.2	2838.6	2565.2	2461.7	2621.7	2912.0	2945.4	2975.4	2982.1	3012.0
30°	3612.4	3559.1	3295.6	2895.4	2658.6	2788.6	3172.3	3208.9	3252.3	3265.6	3312.2
32.5°	4533.0	4503.1	4249.7	3649.1	3142.1	3115.5	3535.8	3582.4	3639.2	3662.4	3719.2
35°	5934.1	5940.8	5734.0	5193.6	4493.1	4126.1	4186.3	4226.2	4246.2	4316.3	4346.3
37.5°	6884.7	6901.3	6948.1	6734.6	6234.3	5860.6	5390.3	5433.8	5330.3	5340.2	5343.7
40°	7405.1	7458.4	7732.0	7938.8	7898.7	7682.0	7305.0	7328.3	7134.9	7091.5	6881.3
42.5°	7751.9	7822.0	8259.1	8899.4	9226.3	9423.2	9336.5	9326.4	9176.3	9119.6	8942.7
45°	7968.8	8032.2	8582.6	9526.5	10280.4	10854.1	11090.9	11117.6	10990.8	10934.1	10787.4
47.5°	7958.7	8032.2	8622.5	9760.0	10870.9	11788.1	12455.3	12488.5	12565.3	12515.2	12525.2
50°	7518.5	7588.6	8182.3	9363.0	10697.3	12215.0	13435.9	13542.6	13666.0	13749.4	13789.5
52.5°	6984.8	7034.8	7561.9	8682.6	9956.7	12038.2	14016.2	14199.7	14383.2	14540.0	14650.0
55°	6787.9	6844.6	7258.3	8189.0	9363.0	11297.7	14286.4	14556.6	14816.9	15073.7	15283.8
57.5°	6891.4	6944.7	7241.6	7955.5	9009.6	10517.2	14363.2	14783.5	15210.5	15627.3	16041.0
60°	7271.6	7328.3	7581.9	8172.2	8916.2	10066.9	14063.0	14760.2	15470.6	16197.7	16881.6
62.5°	7121.5	7144.8	7518.5	8552.6	9583.2	9683.3	12972.2	13946.3	15030.4	16151.2	17255.1
63°	6978.1	7004.9	7385.1	8449.1	9786.8	9626.6	12635.4	13662.7	14806.8	16014.2	17215.2
65°	6327.7	6330.9	6621.2	7461.8	9559.9	9726.6	11134.4	12115.0	13429.2	14876.9	16394.6
67.5°	4723.2	4699.9	4980.1	5620.6	7505.2	9730.1	9556.5	10107.0	11021.0	12305.2	13666.0
70°	1674.5	1637.9	2091.4	2978.6	4676.5	7958.7	8212.3	8249.0	8502.6	9196.3	10050.3
72.5°	543.7	553.8	667.0	1090.8	2154.8	5357.0	7435.1	7321.7	7255.0	7251.6	7365.0
75°	216.7	220.2	266.8	483.7	967.4	2581.8	6511.2	6574.4	6597.9	6631.1	6668.0
77.5°	103.3	113.4	150.1	270.2	480.3	1277.5	4659.8	5196.8	5503.7	5740.7	5884.1
80°	36.7	43.3	83.5	166.7	223.4	587.0	2455.0	2962.0	3412.3	3992.8	4493.1
82.5°	0.0	0.0	16.6	116.7	123.4	236.8	1007.3	1180.7	1350.9	1751.1	2248.2
85°	0.0	0.0	0.0	33.4	36.7	40.1	340.3	410.4	460.4	537.0	620.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	3.2	9.9	20.1	50.0	76.8
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°	703.9	703.9	703.9	703.9	703.9	703.9	703.9	703.9	703.9	703.9	703.9
2.5°	820.6	817.3	817.3	810.6	807.2	800.5	797.3	787.1	783.9	783.9	783.9
5°	970.7	957.3	950.6	934.0	923.9	920.6	904.0	897.3	887.2	890.6	873.8
7.5°	1137.4	1114.1	1104.1	1080.6	1074.2	1050.7	1044.0	1027.4	1017.4	997.4	990.7
10°	1320.9	1290.9	1274.3	1237.4	1227.5	1210.9	1190.8	1170.8	1154.2	1134.1	1124.2
12.5°	1531.1	1504.4	1491.0	1441.0	1417.7	1394.2	1367.7	1340.9	1314.2	1297.6	1274.3
15°	1777.9	1734.5	1721.1	1674.5	1634.4	1604.5	1567.8	1534.4	1514.3	1481.1	1457.6
17.5°	2021.3	1978.0	1968.1	1898.0	1854.6	1834.6	1794.7	1751.1	1714.4	1681.2	1644.4
20°	2264.8	2234.8	2208.1	2141.4	2094.9	2061.4	2008.0	1964.6	1934.6	1888.0	1841.3
22.5°	2508.5	2478.3	2458.4	2388.4	2345.0	2298.2	2251.6	2204.8	2161.5	2104.8	2051.5
25°	2758.6	2738.6	2728.5	2665.3	2625.1	2581.8	2535.0	2481.7	2428.3	2364.9	2308.3
27.5°	3018.7	3025.4	3005.4	2992.0	2948.6	2918.7	2845.3	2808.7	2768.6	2691.8	2621.7
30°	3348.9	3368.9	3362.3	3372.4	3345.6	3325.6	3268.9	3222.3	3175.5	3102.2	3022.2
32.5°	3766.0	3792.7	3805.9	3842.7	3829.4	3822.7	3805.9	3739.2	3705.8	3579.2	3545.8
35°	4409.7	4396.3	4453.0	4483.0	4469.6	4463.2	4443.1	4406.4	4366.3	4276.2	4192.9
37.5°	5246.9	5260.2	5280.3	5220.3	5180.2	5177.0	5116.8	5080.2	5023.4	4923.4	4823.3
40°	6781.2	6698.0	6604.6	6351.0	6241.0	6177.6	6000.8	5950.7	5853.9	5717.2	5613.9
42.5°	8776.0	8692.6	8412.4	7988.9	7762.0	7448.5	7305.0	7128.2	6991.5	6768.1	6647.9
45°	10757.4	10517.2	10483.8	9990.2	9710.0	9296.4	9039.5	8742.6	8432.5	8139.0	7925.5
47.5°	12428.5	12375.1	12211.8	11911.4	11651.3	11304.3	10974.2	10517.2	10197.0	9780.1	9396.5
50°	13766.0	13762.8	13702.6	13529.2	13312.5	13032.4	12742.1	12355.2	11991.6	11481.2	11071.0
52.5°	14766.9	14820.1	14840.2	14786.7	14703.5	14456.6	14309.9	13986.2	13679.3	13245.7	12802.1
55°	15500.5	15697.4	15797.5	15910.9	15887.6	15800.9	15794.2	15584.0	15444.0	15100.3	14786.7
57.5°	16408.0	16731.5	17041.6	17592.1	17612.0	17805.6	17905.7	18005.8	18032.3	17895.6	17792.3
60°	17562.0	18222.5	18809.5	19960.5	20260.6	20734.2	21041.1	21374.7	21658.1	21681.6	21674.9
62.5°	18375.8	19393.3	20340.7	22048.4	22632.2	23179.3	23589.5	23913.2	24109.9	24310.0	24403.4
63°	18399.3	19513.4	20520.7	22282.0	22895.7	23416.1	23806.4	24106.6	24313.4	24433.3	24493.5
65°	17835.6	19186.5	20387.2	22141.8	22718.9	23242.7	23446.1	23643.0	23743.0	23789.6	23612.8
67.5°	15117.1	16438.0	17838.9	19800.2	20293.9	20921.0	21087.9	21188.0	21234.5	21224.6	21074.5
70°	11304.3	12411.9	13969.6	16211.1	16865.0	17478.7	17858.9	18022.4	18075.7	18059.0	17835.6
72.5°	7892.1	8542.5	9826.7	12321.8	13212.4	13999.6	14469.9	14713.4	14763.4	14663.4	14456.6
75°	6627.9	6661.3	6951.4	8315.6	9149.5	9990.2	10520.4	10674.0	10573.9	10270.3	9743.4
77.5°	5917.3	5990.9	5990.9	6194.2	6357.7	6591.2	6641.3	6267.5	5834.1	5273.6	4820.1
80°	4963.5	5220.3	5400.4	5550.5	5567.1	5520.5	5397.0	5186.9	4853.3	4426.3	3952.7
82.5°	3015.5	3522.5	3729.3	4503.1	4883.3	5140.1	5120.3	4839.9	4586.5	4142.9	3739.2
85°	760.6	820.6	890.6	1157.4	1297.6	1584.4	1764.5	1847.9	1877.9	1724.6	1561.1
87.5°	73.3	50.0	83.5	63.4	90.1	66.6	90.1	83.5	103.3	110.0	120.1
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°	703.9	703.9	703.9	703.9	703.9	703.9	703.9	703.9	703.9	703.9	703.9
2.5°	777.2	773.8	770.5	767.3	763.8	760.6	753.9	753.9	747.2	743.8	740.6
5°	863.9	857.2	854.0	847.3	837.2	830.5	820.6	807.2	797.3	793.8	787.1
7.5°	974.1	957.3	950.6	940.7	927.3	907.3	893.9	884.0	867.4	857.2	837.2
10°	1097.5	1080.6	1060.8	1040.7	1020.7	997.4	980.6	967.4	940.7	927.3	904.0
12.5°	1254.2	1224.3	1200.8	1174.2	1147.5	1120.8	1100.7	1060.8	1037.3	1007.3	987.3
15°	1414.3	1387.5	1361.0	1327.6	1287.5	1244.1	1224.3	1187.4	1157.4	1110.8	1084.1
17.5°	1607.7	1557.7	1517.8	1477.7	1441.0	1400.9	1361.0	1304.3	1260.9	1220.8	1167.5
20°	1797.9	1737.9	1694.4	1641.1	1587.9	1524.5	1477.7	1437.6	1377.6	1324.3	1267.6
22.5°	2001.3	1941.3	1871.2	1818.0	1744.6	1694.4	1631.2	1564.4	1504.4	1434.3	1364.2
25°	2248.2	2184.8	2104.8	2034.7	1951.2	1881.4	1804.6	1727.8	1654.5	1574.5	1484.3
27.5°	2551.8	2485.0	2398.3	2314.8	2204.8	2118.1	2044.8	1941.3	1847.9	1747.9	1644.4
30°	2935.3	2861.9	2755.2	2635.1	2525.1	2428.3	2325.0	2188.2	2084.7	1964.6	1831.3
32.5°	3435.8	3348.9	3205.5	3092.0	2955.3	2828.5	2685.1	2548.4	2401.7	2244.9	2091.4
35°	4066.1	3986.1	3819.2	3652.5	3502.4	3352.3	3172.3	3015.5	2808.7	2618.5	2421.6
37.5°	4720.0	4576.4	4423.1	4243.0	4056.0	3875.9	3655.8	3439.0	3202.2	2995.4	2748.5
40°	5467.0	5293.6	5166.8	4973.4	4709.9	4453.0	4249.7	3979.5	3682.5	3405.6	3115.5
42.5°	6491.2	6297.7	6070.9	5777.4	5587.2	5287.0	5023.4	4703.2	4312.9	4002.7	3652.5
45°	7675.3	7411.8	7191.6	6908.0	6677.9	6304.4	5997.5	5570.5	5180.2	4773.3	4346.3
47.5°	9026.2	8699.3	8379.0	8098.9	7732.0	7365.0	6974.9	6521.1	6020.8	5573.8	5066.8
50°	10577.2	10113.5	9669.9	9309.8	8806.0	8382.5	7958.7	7448.5	6894.7	6381.0	5803.9
52.5°	12301.7	11764.8	11177.7	10624.0	10040.2	9496.5	8986.1	8399.1	7782.1	7154.9	6511.2
55°	14383.2	13979.5	13289.2	12585.3	11804.7	11077.7	10420.4	9693.4	8942.7	8118.9	7441.8
57.5°	17642.2	17445.3	16868.2	16164.5	15147.1	14263.1	13149.0	12258.4	11171.1	10036.9	9162.9
60°	22058.5	21814.9	21491.4	20921.0	20113.8	18913.0	17685.5	16301.2	14646.8	13075.7	11584.7
62.5°	24413.5	24326.6	24063.3	23669.5	22915.8	21968.4	20731.0	19209.8	17342.0	15433.9	13532.7
63°	24483.4	24373.4	24146.5	23746.3	23082.5	22165.3	20951.0	19473.3	17645.4	15700.9	13759.3
65°	23536.2	23492.9	23262.6	22825.6	22372.1	21671.5	20731.0	19459.9	17925.6	16087.7	14156.4
67.5°	20874.4	20744.1	20390.7	20257.2	19940.4	19453.2	18736.2	17862.2	16764.9	15320.5	13652.6
70°	17655.3	17461.9	17018.3	16781.5	16394.6	16087.7	15650.8	15027.0	14349.8	13342.5	12098.4
72.5°	14243.1	13842.8	13435.9	12818.9	12278.4	11731.3	11247.6	10807.5	10063.5	9656.5	8712.6
75°	9249.6	8522.4	7825.4	6891.4	6050.8	5307.0	4583.1	4216.2	3452.4	3142.1	2698.5
77.5°	4389.6	3982.7	3435.8	3012.0	2471.6	2018.1	1647.8	1237.4	970.7	760.6	580.3
80°	3542.3	3198.8	2868.6	2485.0	2078.0	1657.7	1270.8	950.6	673.7	466.9	330.2
82.5°	3158.9	2785.2	2378.2	2114.7	1838.0	1504.4	1234.2	1007.3	743.8	543.7	370.3
85°	1227.5	1034.1	797.3	650.4	507.0	416.9	377.0	260.1	203.6	160.0	123.4
87.5°	106.7	86.7	70.1	46.8	50.0	26.7	30.0	20.1	16.6	16.6	13.4
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):**

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	703.9	703.9	703.9	703.9	703.9	703.9	703.9	703.9	703.9	703.9	703.9
2.5°	737.1	733.9	730.4	723.7	723.7	717.3	713.8	710.6	693.8	657.1	627.1
5°	773.8	767.3	760.6	750.5	743.8	733.9	727.2	717.3	680.4	610.5	550.3
7.5°	827.2	813.9	804.0	783.9	773.8	760.6	750.5	733.9	673.7	567.0	483.7
10°	890.6	867.4	850.5	827.2	807.2	790.6	773.8	750.5	667.0	520.4	423.5
12.5°	967.4	940.7	907.3	880.5	854.0	830.5	807.2	777.2	657.1	480.3	377.0
15°	1044.0	1004.1	980.6	943.9	907.3	873.8	840.6	813.9	660.5	436.9	336.9
17.5°	1130.7	1090.8	1040.7	1000.6	960.7	917.4	877.3	823.8	643.7	403.7	306.9
20°	1214.1	1157.4	1110.8	1060.8	1004.1	950.6	900.6	854.0	630.4	370.3	280.1
22.5°	1304.3	1237.4	1177.5	1114.1	1044.0	984.0	923.9	863.9	607.1	340.3	256.8
25°	1414.3	1337.5	1250.8	1174.2	1100.7	1027.4	950.6	877.3	583.8	313.6	240.2
27.5°	1547.7	1447.7	1361.0	1264.2	1160.9	1067.5	984.0	904.0	560.5	293.5	223.4
30°	1717.9	1601.0	1477.7	1354.3	1244.1	1137.4	1020.7	920.6	537.0	273.5	206.8
32.5°	1944.8	1797.9	1647.8	1504.4	1357.5	1220.8	1097.5	967.4	523.6	256.8	190.2
35°	2244.9	2054.7	1871.2	1691.2	1514.3	1347.6	1187.4	1040.7	523.6	236.8	170.1
37.5°	2528.3	2308.3	2074.8	1851.2	1641.1	1447.7	1257.5	1080.6	497.1	220.2	153.5
40°	2835.2	2571.7	2298.2	2034.7	1781.3	1541.1	1324.3	1120.8	473.6	200.1	136.7
42.5°	3305.5	2972.1	2615.2	2308.3	2004.7	1707.8	1437.6	1197.5	443.6	180.1	120.1
45°	3922.7	3499.0	3078.9	2705.2	2318.3	1954.7	1634.4	1337.5	436.9	163.5	103.3
47.5°	4583.1	4082.8	3589.1	3112.1	2658.6	2234.8	1851.2	1494.3	436.9	146.9	90.1
50°	5240.2	4613.3	4086.2	3532.4	3022.2	2521.6	2064.7	1657.7	440.4	133.5	73.3
52.5°	5834.1	5163.6	4573.1	3932.7	3368.9	2788.6	2291.5	1818.0	433.7	116.7	60.0
55°	6657.9	5870.7	5186.9	4479.8	3819.2	3165.6	2601.9	2058.0	436.9	103.3	50.0
57.5°	8175.6	7251.6	6427.8	5500.5	4739.9	3896.0	3212.2	2551.8	477.0	86.7	36.7
60°	10353.7	9153.0	7995.6	6864.7	5897.5	4893.4	4006.0	3229.0	560.5	70.1	26.7
62.5°	11818.0	10247.0	8866.2	7618.6	6494.4	5443.7	4476.3	3592.4	617.0	56.7	16.6
63°	11968.1	10343.8	8956.1	7668.6	6521.1	5470.5	4496.4	3619.1	620.4	53.3	16.6
65°	12251.7	10510.5	9006.1	7678.6	6494.4	5433.8	4483.0	3615.9	627.1	43.3	13.4
67.5°	11928.2	10253.7	8716.1	7391.7	6260.9	5216.9	4316.3	3482.4	623.7	30.0	9.9
70°	10667.3	9279.8	7928.7	6694.5	5667.2	4723.2	3929.4	3175.5	573.6	20.1	6.7
72.5°	7832.1	6888.0	5840.8	4950.1	4269.5	3545.8	3025.4	2384.9	443.6	13.4	3.2
75°	2321.5	2114.7	1777.9	1567.8	1384.3	1144.0	1017.4	793.8	226.9	6.7	0.0
77.5°	463.7	420.3	377.0	343.5	323.5	276.9	263.5	216.7	93.4	3.2	0.0
80°	243.5	200.1	170.1	150.1	130.0	106.7	90.1	73.3	16.6	0.0	0.0
82.5°	233.5	156.8	113.4	93.4	80.0	63.4	50.0	36.7	9.9	0.0	0.0
85°	86.7	66.6	50.0	40.1	33.4	30.0	23.3	20.1	0.0	0.0	0.0
87.5°	13.4	9.9	9.9	6.7	6.7	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°	703.9	703.9	703.9	703.9	703.9	703.9	703.9
2.5°	597.1	570.4	557.0	540.4	540.4	537.0	543.7
5°	497.1	460.4	433.7	413.6	416.9	406.9	410.4
7.5°	420.3	383.6	360.1	347.0	343.5	340.3	340.3
10°	363.6	330.2	310.1	300.2	296.9	296.9	296.9
12.5°	323.5	290.3	273.5	266.8	266.8	263.5	263.5
15°	290.3	263.5	246.9	240.2	240.2	236.8	240.2
17.5°	263.5	236.8	223.4	216.7	216.7	213.5	213.5
20°	240.2	216.7	203.6	193.4	193.4	190.2	193.4
22.5°	220.2	196.9	180.1	173.4	170.1	166.7	170.1
25°	200.1	176.8	160.0	150.1	146.9	146.9	143.4
27.5°	183.5	160.0	140.2	130.0	126.8	126.8	123.4
30°	166.7	140.2	120.1	110.0	106.7	106.7	106.7
32.5°	150.1	120.1	103.3	93.4	90.1	90.1	90.1
35°	133.5	103.3	86.7	76.8	73.3	73.3	73.3
37.5°	113.4	86.7	66.6	60.0	56.7	53.3	53.3
40°	96.8	66.6	50.0	43.3	36.7	36.7	36.7
42.5°	80.0	53.3	36.7	26.7	23.3	20.1	23.3
45°	66.6	40.1	23.3	13.4	9.9	9.9	9.9
47.5°	53.3	26.7	9.9	3.2	3.2	3.2	3.2
50°	40.1	16.6	3.2	0.0	0.0	3.2	3.2
52.5°	30.0	9.9	0.0	0.0	0.0	0.0	0.0
55°	16.6	3.2	0.0	0.0	0.0	0.0	0.0
57.5°	9.9	0.0	0.0	0.0	0.0	0.0	0.0
60°	6.7	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)