

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: McGRAW-EDISON

Report Number: P164983

Luminaire Tested: **VTS-F09-LED-E1-SL2-HSS-7050**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P164983  
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: MCGRAW-EDISON  
Catalog Number: VTS-F09-LED-E1-SL2-HSS-7050  
Description: VENTUS LED SITE LUMINAIRE  
(9) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD  
Light Source: (63) 5000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

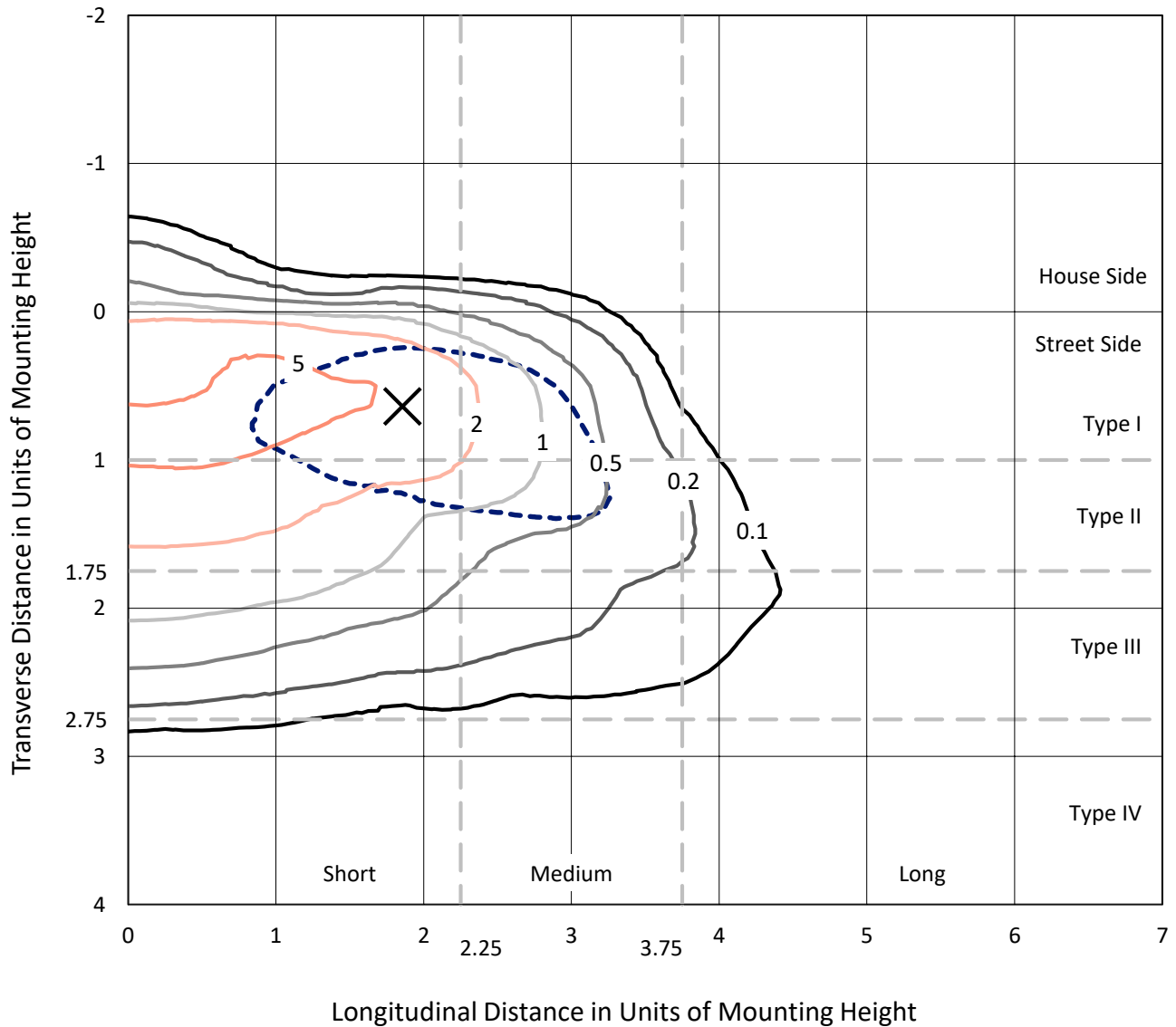
Lumens per Lamp: N/A  
Luminaire Lumens: 13811.5 lumens  
Efficiency: N/A  
Efficacy: 58.8 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1.5' x L: 1' x H: 0.1')  
IES Classification: Type II - Short - Non-Cutoff  
BUG Rating: B0 - U0 - G3  
  
Input Watts (W): 234.8  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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: 25 FT

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### Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd  
 - - - 1/2 Max cd

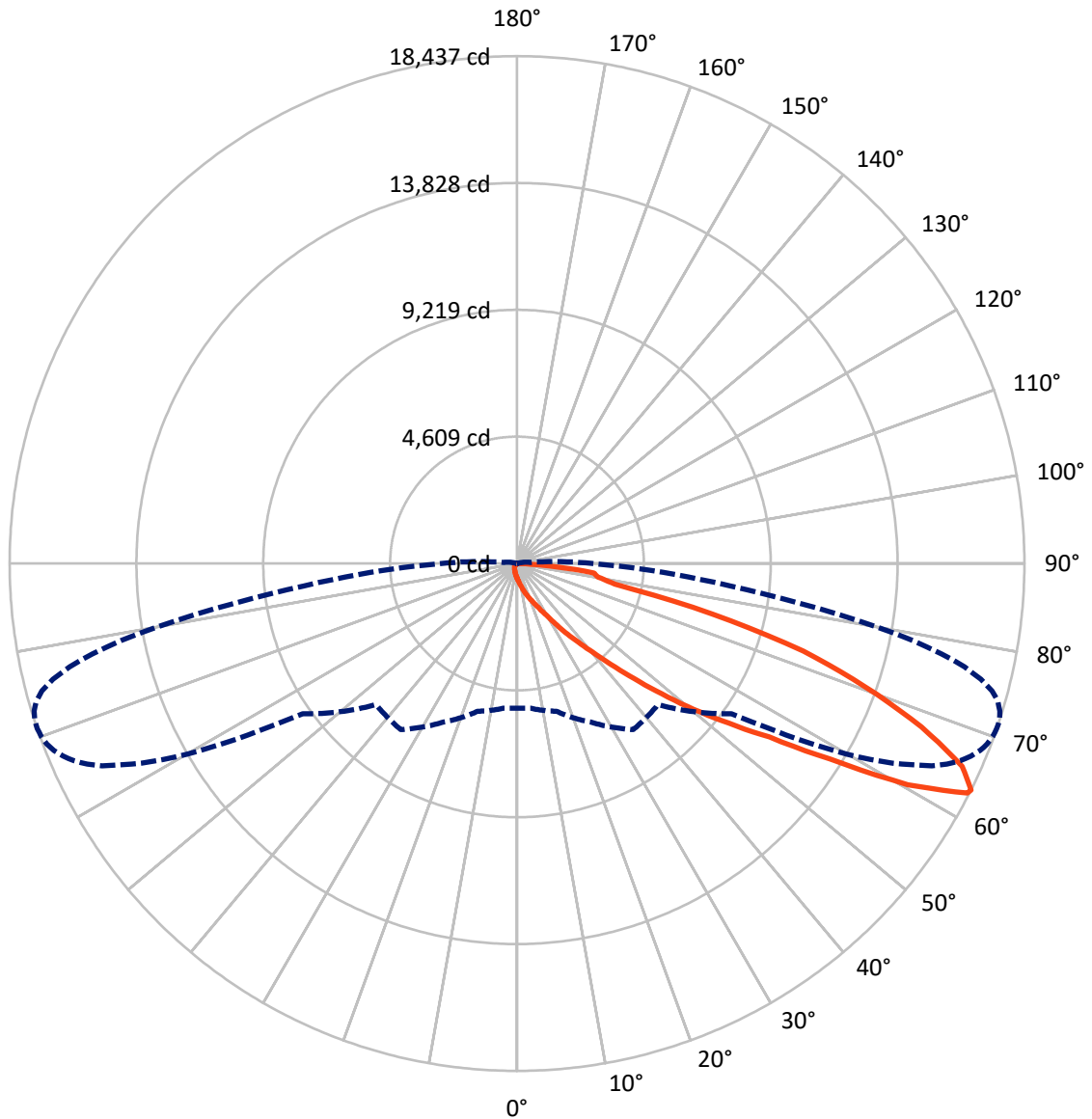


Based on 20 foot mounting height. Maximum calculated value = 7.3 fc  
 Type II - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



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

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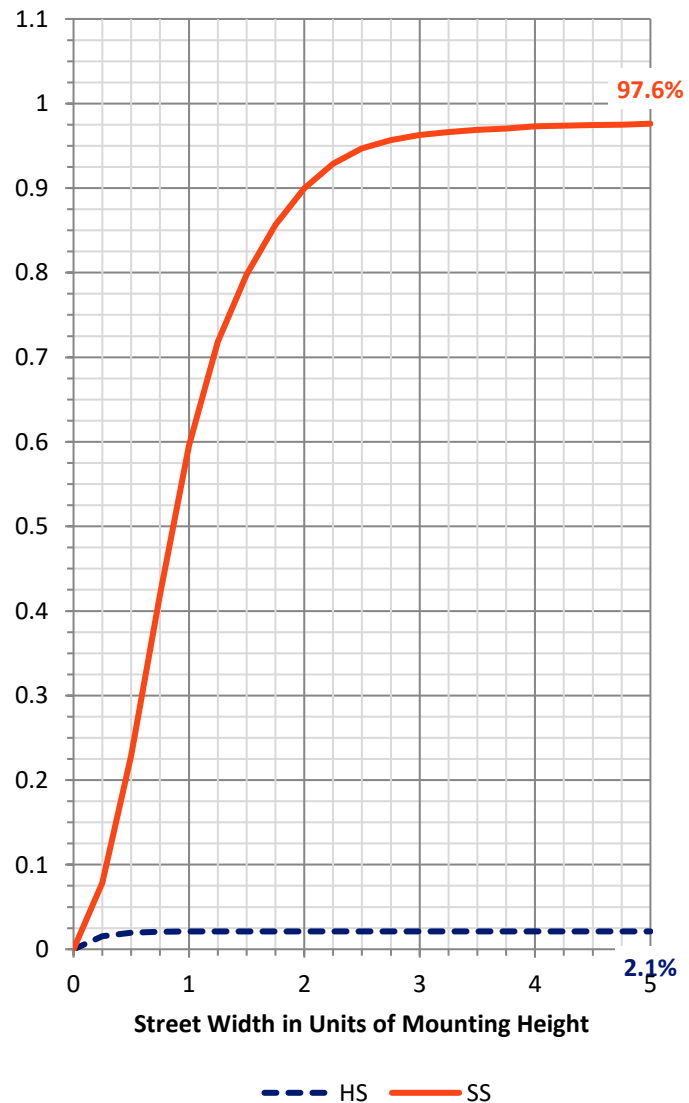
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	293.2	0.0	293.2
	% Fixture	2.1	0.0	2.1
<b>Street Side</b>	Lumens	13518.3	0.0	13518.3
	% Fixture	97.9	0.0	97.9
<b>Total</b>	Lumens	13811.5	0.0	13811.5
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	58.6	0.4
10°-20°	227.1	1.6
20°-30°	461.3	3.3
30°-40°	1127.0	8.2
40°-50°	2520.4	18.2
50°-60°	3543.9	25.7
60°-70°	4167.4	30.2
70°-80°	1504.8	10.9
80°-90°	201.2	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°	13811.5	100.0
0°-180°	13811.5	100.0



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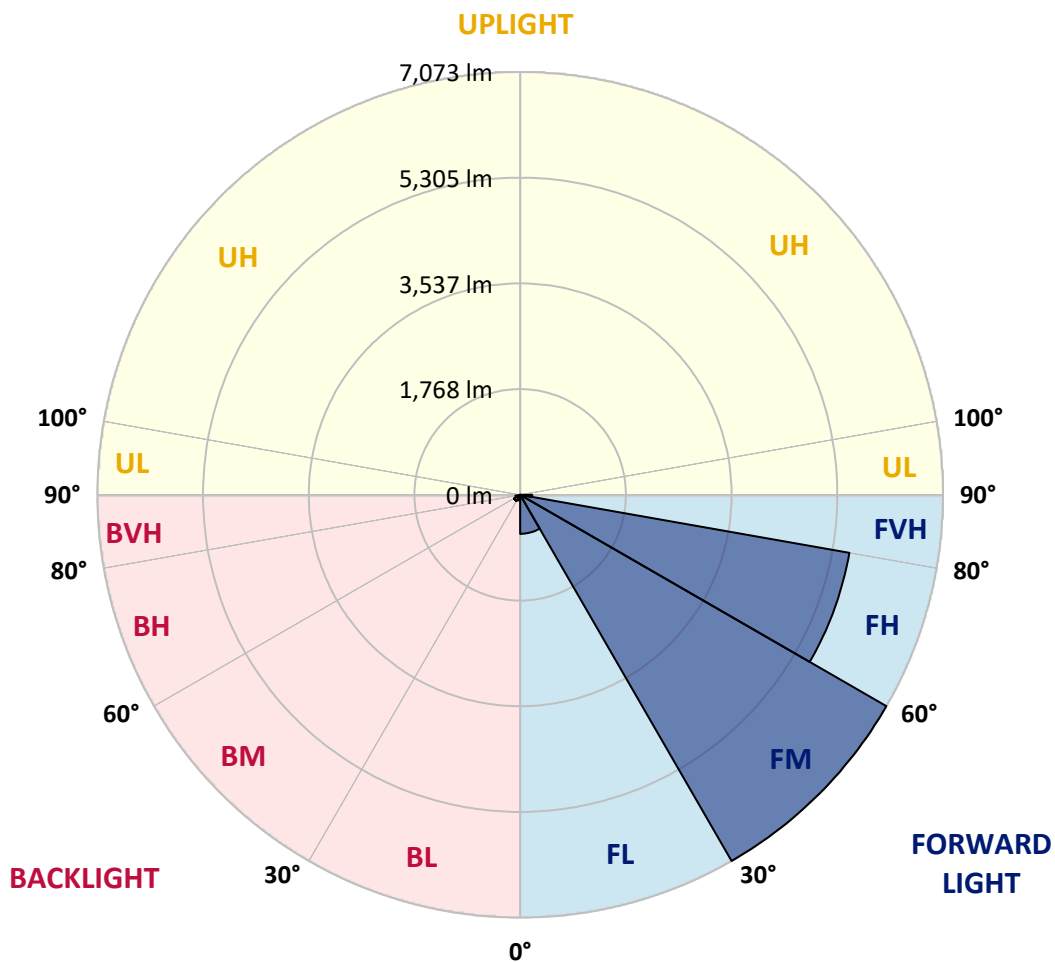
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	652.6	4.7			
FM	(30°-60°)	7073.1	51.2			
FH	(60°-80°)	5591.8	40.5			G3/7500
FVH	(80°-90°)	200.8	1.5			G2/225
BL	(0°-30°)	94.3	0.7	B0/110		
BM	(30°-60°)	118.1	0.9	B0/220		
BH	(60°-80°)	80.4	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°	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8
2.5°	693.0	700.5	695.4	682.9	667.8	647.9	630.2	630.2	627.7	620.1	622.7
5°	908.9	911.5	901.4	871.2	843.6	800.9	753.2	748.2	743.2	735.7	733.2
7.5°	1119.9	1129.8	1119.9	1087.1	1031.9	966.7	891.4	883.9	868.8	868.8	858.7
10°	1335.8	1335.8	1325.8	1288.1	1237.8	1144.9	1049.5	1037.0	1019.4	1014.4	999.3
12.5°	1488.9	1488.9	1483.9	1463.9	1423.6	1340.9	1225.3	1212.8	1190.2	1182.6	1165.1
15°	1549.1	1549.1	1551.7	1569.3	1571.9	1534.2	1413.6	1403.5	1381.0	1360.8	1353.4
17.5°	1586.8	1584.4	1584.4	1609.5	1654.6	1679.8	1601.9	1591.8	1566.8	1556.8	1531.6
20°	1669.7	1664.7	1649.6	1649.6	1692.3	1780.1	1780.1	1777.7	1750.1	1742.5	1730.0
22.5°	1792.8	1787.8	1742.5	1704.8	1724.9	1835.5	1938.4	1933.4	1923.3	1913.2	1905.8
25°	1993.6	1976.1	1898.1	1787.8	1770.2	1888.2	2058.9	2071.5	2079.0	2079.0	2084.0
27.5°	2297.5	2274.9	2136.8	1930.9	1853.0	1973.5	2192.0	2217.1	2239.7	2244.7	2267.3
30°	2719.2	2679.1	2480.7	2179.5	2001.2	2099.1	2387.9	2415.5	2448.1	2458.2	2493.2
32.5°	3412.2	3389.6	3198.9	2746.8	2365.2	2345.2	2661.6	2696.6	2739.3	2756.9	2799.6
35°	4466.9	4471.9	4316.2	3909.4	3382.2	3105.9	3151.2	3181.2	3196.3	3249.1	3271.6
37.5°	5182.4	5194.9	5230.1	5069.4	4692.8	4411.5	4057.5	4090.3	4012.3	4019.8	4022.4
40°	5574.1	5614.2	5820.2	5975.9	5945.7	5782.6	5498.8	5516.3	5370.7	5338.1	5179.8
42.5°	5835.2	5887.9	6217.0	6698.9	6945.0	7093.2	7028.0	7020.3	6907.4	6864.7	6731.6
45°	5998.5	6046.2	6460.5	7171.0	7738.5	8170.3	8348.5	8368.7	8273.2	8230.5	8120.1
47.5°	5990.8	6046.2	6490.5	7346.8	8183.0	8873.4	9375.6	9400.6	9458.4	9420.7	9428.2
50°	5659.5	5712.3	6159.2	7047.9	8052.3	9194.8	10113.7	10194.1	10286.9	10349.8	10379.9
52.5°	5257.7	5295.4	5692.1	6535.8	7494.8	9061.7	10550.6	10688.7	10826.8	10944.9	11027.7
55°	5109.5	5152.2	5463.6	6164.2	7047.9	8504.2	10754.0	10957.4	11153.3	11346.6	11504.7
57.5°	5187.5	5227.6	5451.1	5988.4	6781.9	7916.7	10811.8	11128.1	11449.5	11763.3	12074.7
60°	5473.7	5516.3	5707.2	6151.5	6711.6	7577.8	10585.8	11110.6	11645.3	12192.7	12707.5
62.5°	5360.7	5378.2	5659.5	6437.9	7213.7	7289.0	9764.7	10498.0	11314.0	12157.6	12988.6
63°	5252.7	5272.8	5559.0	6360.0	7366.9	7246.3	9511.2	10284.5	11145.7	12054.6	12958.6
65°	4763.1	4765.6	4984.1	5616.8	7196.1	7321.6	8381.3	9119.4	10108.7	11198.4	12340.9
67.5°	3555.4	3537.8	3748.7	4230.8	5649.5	7324.2	7193.6	7608.0	8295.9	9262.6	10286.9
70°	1260.5	1232.9	1574.3	2242.1	3520.2	5990.8	6181.7	6209.3	6400.2	6922.5	7565.3
72.5°	409.2	416.9	502.1	821.1	1622.0	4032.5	5596.7	5511.3	5461.1	5458.6	5543.9
75°	163.1	165.7	200.8	364.1	728.2	1943.4	4901.3	4948.8	4966.5	4991.5	5019.3
77.5°	77.8	85.4	113.0	203.4	361.5	961.7	3507.7	3911.9	4142.9	4321.3	4429.2
80°	27.6	32.6	62.8	125.5	168.2	441.9	1848.0	2229.6	2568.6	3005.6	3382.2
82.5°	0.0	0.0	12.5	87.8	92.9	178.2	758.3	888.8	1016.8	1318.1	1692.3
85°	0.0	0.0	0.0	25.2	27.6	30.2	256.2	308.9	346.6	404.2	467.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	2.4	7.5	15.1	37.7	57.8
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°	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8
2.5°	617.7	615.2	615.2	610.2	607.6	602.6	600.1	592.5	590.1	590.1	590.1
5°	730.7	720.6	715.6	703.1	695.4	693.0	680.5	675.5	667.8	670.4	657.8
7.5°	856.1	838.6	831.1	813.4	808.6	790.9	785.8	773.3	765.9	750.8	745.7
10°	994.3	971.7	959.2	931.5	924.0	911.5	896.4	881.3	868.8	853.7	846.2
12.5°	1152.5	1132.4	1122.4	1084.7	1067.2	1049.5	1029.5	1009.4	989.2	976.7	959.2
15°	1338.3	1305.6	1295.6	1260.5	1230.3	1207.7	1180.1	1155.0	1139.9	1114.9	1097.2
17.5°	1521.5	1488.9	1481.4	1428.7	1396.0	1381.0	1350.9	1318.1	1290.5	1265.5	1237.8
20°	1704.8	1682.2	1662.1	1612.0	1576.9	1551.7	1511.5	1478.8	1456.3	1421.2	1386.0
22.5°	1888.2	1865.5	1850.6	1797.8	1765.2	1730.0	1694.9	1659.7	1627.0	1584.4	1544.3
25°	2076.5	2061.4	2053.8	2006.2	1976.1	1943.4	1908.2	1868.1	1827.9	1780.1	1737.6
27.5°	2272.3	2277.3	2262.3	2252.2	2219.6	2197.0	2141.8	2114.2	2084.0	2026.2	1973.5
30°	2520.8	2535.9	2530.9	2538.5	2518.4	2503.3	2460.6	2425.6	2390.3	2335.1	2274.9
32.5°	2834.8	2854.9	2864.8	2892.6	2882.5	2877.5	2864.8	2814.7	2789.5	2694.2	2669.1
35°	3319.4	3309.3	3352.0	3374.5	3364.5	3359.6	3344.5	3316.9	3286.7	3218.9	3156.2
37.5°	3949.5	3959.6	3974.7	3929.5	3899.4	3896.9	3851.6	3824.0	3781.3	3706.0	3630.7
40°	5104.5	5041.8	4971.6	4780.7	4697.9	4650.1	4517.0	4479.4	4406.5	4303.6	4225.8
42.5°	6606.1	6543.3	6332.4	6013.6	5842.8	5606.8	5498.8	5365.7	5262.8	5094.6	5004.2
45°	8097.6	7916.7	7891.6	7520.0	7309.1	6997.8	6804.4	6580.9	6347.5	6126.5	5965.8
47.5°	9355.5	9315.2	9192.3	8966.2	8770.4	8509.2	8260.7	7916.7	7675.7	7361.9	7073.1
50°	10362.3	10359.8	10314.5	10184.0	10020.9	9810.0	9591.5	9300.3	9026.6	8642.4	8333.6
52.5°	11115.6	11155.7	11170.8	11130.6	11067.9	10882.0	10771.7	10528.0	10297.0	9970.6	9636.6
55°	11667.9	11816.1	11891.4	11976.8	11959.3	11894.0	11889.0	11730.7	11625.4	11366.6	11130.6
57.5°	12351.0	12594.5	12827.9	13242.3	13257.3	13403.0	13478.4	13553.7	13573.7	13470.7	13393.0
60°	13219.6	13716.8	14158.7	15025.1	15251.0	15607.5	15838.5	16089.6	16302.9	16320.6	16315.6
62.5°	13832.3	14598.1	15311.2	16596.8	17036.2	17448.0	17756.8	18000.4	18148.5	18299.1	18369.4
63°	13849.9	14688.5	15446.8	16772.6	17234.5	17626.3	17920.1	18146.0	18301.7	18392.0	18437.3
65°	13425.6	14442.5	15346.3	16667.0	17101.4	17495.7	17648.8	17797.0	17872.3	17907.4	17774.3
67.5°	11379.3	12373.5	13428.0	14904.4	15276.0	15748.1	15873.7	15949.0	15984.1	15976.6	15863.7
70°	8509.2	9343.0	10515.5	12202.8	12695.0	13156.9	13443.1	13566.2	13606.3	13593.8	13425.6
72.5°	5940.7	6430.3	7397.0	9275.1	9945.5	10538.1	10892.1	11075.4	11113.0	11037.7	10882.0
75°	4989.1	5014.2	5232.6	6259.5	6887.2	7520.0	7919.2	8034.7	7959.4	7730.9	7334.3
77.5°	4454.2	4509.6	4509.6	4662.6	4785.7	4961.5	4999.2	4717.8	4391.5	3969.7	3628.3
80°	3736.2	3929.5	4065.1	4178.1	4190.6	4155.5	4062.5	3904.4	3653.3	3331.9	2975.4
82.5°	2269.9	2651.5	2807.2	3389.6	3675.8	3869.2	3854.2	3643.2	3452.5	3118.5	2814.7
85°	572.5	617.7	670.4	871.2	976.7	1192.6	1328.2	1391.0	1413.6	1298.2	1175.1
87.5°	55.2	37.7	62.8	47.7	67.9	50.2	67.9	62.8	77.8	82.8	90.4
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°	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8
2.5°	585.0	582.4	580.0	577.6	575.0	572.5	567.5	567.5	562.5	559.9	557.4
5°	650.3	645.3	642.8	637.8	630.2	625.1	617.7	607.6	600.1	597.5	592.5
7.5°	733.2	720.6	715.6	708.1	698.0	682.9	672.9	665.4	652.9	645.3	630.2
10°	826.1	813.4	798.5	783.4	768.3	750.8	738.1	728.2	708.1	698.0	680.5
12.5°	944.1	921.6	903.9	883.9	863.8	843.6	828.5	798.5	780.8	758.3	743.2
15°	1064.6	1044.4	1024.5	999.3	969.1	936.5	921.6	893.8	871.2	836.2	816.0
17.5°	1210.2	1172.5	1142.5	1112.3	1084.7	1054.5	1024.5	981.8	949.1	919.0	878.9
20°	1353.4	1308.2	1275.4	1235.3	1195.2	1147.5	1112.3	1082.1	1037.0	996.9	954.2
22.5°	1506.4	1461.3	1408.6	1368.5	1313.3	1275.4	1227.9	1177.6	1132.4	1079.7	1026.9
25°	1692.3	1644.6	1584.4	1531.6	1468.8	1416.2	1358.4	1300.6	1245.4	1185.2	1117.3
27.5°	1920.9	1870.5	1805.3	1742.5	1659.7	1594.4	1539.2	1461.3	1391.0	1315.7	1237.8
30°	2209.5	2154.3	2073.9	1983.5	1900.7	1827.9	1750.1	1647.2	1569.3	1478.8	1378.5
32.5°	2586.3	2520.8	2412.9	2327.5	2224.6	2129.1	2021.2	1918.3	1807.9	1689.9	1574.3
35°	3060.8	3000.5	2874.9	2749.4	2636.4	2523.4	2387.9	2269.9	2114.2	1971.0	1822.8
37.5°	3552.9	3444.8	3329.4	3193.9	3053.1	2917.6	2751.8	2588.7	2410.5	2254.8	2068.9
40°	4115.3	3984.7	3889.3	3743.7	3545.3	3352.0	3198.9	2995.5	2772.0	2563.5	2345.2
42.5°	4886.2	4740.6	4569.8	4348.9	4205.7	3979.7	3781.3	3540.3	3246.5	3013.0	2749.4
45°	5777.5	5579.2	5413.4	5200.0	5026.8	4745.6	4514.6	4193.2	3899.4	3593.0	3271.6
47.5°	6794.4	6548.3	6307.2	6096.4	5820.2	5543.9	5250.3	4908.7	4532.1	4195.6	3814.0
50°	7961.9	7612.9	7278.9	7007.8	6628.6	6309.8	5990.8	5606.8	5189.9	4803.2	4368.8
52.5°	9260.0	8855.8	8414.0	7997.1	7557.7	7148.4	6764.2	6322.3	5857.9	5385.8	4901.3
55°	10826.8	10523.0	10003.3	9473.5	8885.9	8338.6	7843.9	7296.6	6731.6	6111.4	5601.7
57.5°	13280.0	13131.8	12697.4	12167.7	11401.8	10736.4	9897.8	9227.4	8408.9	7555.2	6897.3
60°	16604.4	16421.0	16177.5	15748.1	15140.5	14236.6	13312.6	12270.6	11025.2	9842.6	8720.3
62.5°	18377.0	18311.6	18113.4	17817.0	17249.6	16536.5	15605.1	14460.0	13054.0	11617.7	10186.6
63°	18429.6	18346.8	18176.1	17874.8	17375.1	16684.7	15770.7	14658.4	13282.4	11818.7	10357.2
65°	17716.7	17684.0	17510.7	17181.8	16840.4	16313.0	15605.1	14648.3	13493.3	12109.9	10656.1
67.5°	15713.0	15615.0	15348.9	15248.4	15010.0	14643.3	14103.5	13445.6	12619.6	11532.3	10276.9
70°	13289.9	13144.3	12810.4	12632.1	12340.9	12109.9	11781.0	11311.4	10801.7	10043.4	9106.9
72.5°	10721.3	10420.0	10113.7	9649.3	9242.5	8830.7	8466.6	8135.2	7575.2	7268.9	6558.3
75°	6962.6	6415.2	5890.5	5187.5	4554.7	3994.8	3449.9	3173.7	2598.8	2365.2	2031.3
77.5°	3304.3	2997.9	2586.3	2267.3	1860.5	1519.1	1240.4	931.5	730.7	572.5	436.8
80°	2666.5	2407.9	2159.3	1870.5	1564.2	1247.8	956.6	715.6	507.1	351.5	248.5
82.5°	2377.8	2096.5	1790.2	1591.8	1383.5	1132.4	929.0	758.3	559.9	409.2	278.7
85°	924.0	778.4	600.1	489.6	381.6	313.8	283.8	195.8	153.2	120.5	92.9
87.5°	80.4	65.3	52.8	35.2	37.7	20.1	22.6	15.1	12.5	12.5	10.1
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):**

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8
2.5°	554.9	552.4	549.8	544.8	544.8	539.9	537.3	534.9	522.2	494.6	472.1
5°	582.4	577.6	572.5	564.9	559.9	552.4	547.4	539.9	512.2	459.6	414.3
7.5°	622.7	612.6	605.2	590.1	582.4	572.5	564.9	552.4	507.1	426.8	364.1
10°	670.4	652.9	640.2	622.7	607.6	595.1	582.4	564.9	502.1	391.7	318.8
12.5°	728.2	708.1	682.9	662.8	642.8	625.1	607.6	585.0	494.6	361.5	283.8
15°	785.8	755.8	738.1	710.5	682.9	657.8	632.8	612.6	497.2	328.9	253.6
17.5°	851.1	821.1	783.4	753.2	723.2	690.6	660.4	620.1	484.6	303.9	231.0
20°	913.9	871.2	836.2	798.5	755.8	715.6	677.9	642.8	474.5	278.7	210.9
22.5°	981.8	931.5	886.3	838.6	785.8	740.7	695.4	650.3	457.0	256.2	193.3
25°	1064.6	1006.8	941.5	883.9	828.5	773.3	715.6	660.4	439.4	236.0	180.8
27.5°	1165.1	1089.7	1024.5	951.6	873.8	803.5	740.7	680.5	421.9	220.9	168.2
30°	1293.1	1205.2	1112.3	1019.4	936.5	856.1	768.3	693.0	404.2	205.8	155.7
32.5°	1463.9	1353.4	1240.4	1132.4	1021.9	919.0	826.1	728.2	394.1	193.3	143.2
35°	1689.9	1546.7	1408.6	1273.0	1139.9	1014.4	893.8	783.4	394.1	178.2	128.1
37.5°	1903.2	1737.6	1561.8	1393.5	1235.3	1089.7	946.6	813.4	374.2	165.7	115.6
40°	2134.2	1935.8	1730.0	1531.6	1340.9	1160.0	996.9	843.6	356.5	150.6	102.9
42.5°	2488.2	2237.2	1968.6	1737.6	1509.0	1285.5	1082.1	901.4	333.9	135.5	90.4
45°	2952.8	2633.8	2317.6	2036.3	1745.1	1471.4	1230.3	1006.8	328.9	123.0	77.8
47.5°	3449.9	3073.3	2701.7	2342.6	2001.2	1682.2	1393.5	1124.8	328.9	110.5	67.9
50°	3944.5	3472.6	3075.9	2659.0	2274.9	1898.1	1554.2	1247.8	331.5	100.5	55.2
52.5°	4391.5	3886.9	3442.4	2960.3	2535.9	2099.1	1724.9	1368.5	326.4	87.8	45.1
55°	5011.7	4419.1	3904.4	3372.1	2874.9	2382.9	1958.5	1549.1	328.9	77.8	37.7
57.5°	6154.1	5458.6	4838.4	4140.4	3567.9	2932.7	2417.9	1920.9	359.1	65.3	27.6
60°	7793.7	6889.8	6018.6	5167.3	4439.3	3683.5	3015.5	2430.6	421.9	52.8	20.1
62.5°	8895.9	7713.3	6673.9	5734.8	4888.6	4097.7	3369.5	2704.1	464.4	42.7	12.5
63°	9008.9	7786.2	6741.6	5772.5	4908.7	4117.9	3384.6	2724.2	467.0	40.1	12.5
65°	9222.4	7911.7	6779.3	5780.0	4888.6	4090.3	3374.5	2721.8	472.1	32.6	10.1
67.5°	8978.9	7718.4	6560.9	5564.1	4712.8	3927.0	3249.1	2621.3	469.5	22.6	7.5
70°	8029.7	6985.3	5968.3	5039.3	4265.9	3555.4	2957.8	2390.3	431.8	15.1	5.0
72.5°	5895.5	5184.9	4396.6	3726.2	3213.8	2669.1	2277.3	1795.2	333.9	10.1	2.4
75°	1747.5	1591.8	1338.3	1180.1	1042.0	861.2	765.9	597.5	170.8	5.0	0.0
77.5°	349.0	316.4	283.8	258.6	243.5	208.4	198.4	163.1	70.3	2.4	0.0
80°	183.3	150.6	128.1	113.0	97.9	80.4	67.9	55.2	12.5	0.0	0.0
82.5°	175.8	118.0	85.4	70.3	60.2	47.7	37.7	27.6	7.5	0.0	0.0
85°	65.3	50.2	37.7	30.2	25.2	22.6	17.5	15.1	0.0	0.0	0.0
87.5°	10.1	7.5	7.5	5.0	5.0	2.4	2.4	2.4	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°	529.8	529.8	529.8	529.8	529.8	529.8	529.8
2.5°	449.5	429.4	419.3	406.8	406.8	404.2	409.2
5°	374.2	346.6	326.4	311.4	313.8	306.3	308.9
7.5°	316.4	288.8	271.1	261.2	258.6	256.2	256.2
10°	273.7	248.5	233.4	226.0	223.5	223.5	223.5
12.5°	243.5	218.5	205.8	200.8	200.8	198.4	198.4
15°	218.5	198.4	185.9	180.8	180.8	178.2	180.8
17.5°	198.4	178.2	168.2	163.1	163.1	160.7	160.7
20°	180.8	163.1	153.2	145.6	145.6	143.2	145.6
22.5°	165.7	148.2	135.5	130.5	128.1	125.5	128.1
25°	150.6	133.1	120.5	113.0	110.5	110.5	108.0
27.5°	138.1	120.5	105.5	97.9	95.4	95.4	92.9
30°	125.5	105.5	90.4	82.8	80.4	80.4	80.4
32.5°	113.0	90.4	77.8	70.3	67.9	67.9	67.9
35°	100.5	77.8	65.3	57.8	55.2	55.2	55.2
37.5°	85.4	65.3	50.2	45.1	42.7	40.1	40.1
40°	72.9	50.2	37.7	32.6	27.6	27.6	27.6
42.5°	60.2	40.1	27.6	20.1	17.5	15.1	17.5
45°	50.2	30.2	17.5	10.1	7.5	7.5	7.5
47.5°	40.1	20.1	7.5	2.4	2.4	2.4	2.4
50°	30.2	12.5	2.4	0.0	0.0	2.4	2.4
52.5°	22.6	7.5	0.0	0.0	0.0	0.0	0.0
55°	12.5	2.4	0.0	0.0	0.0	0.0	0.0
57.5°	7.5	0.0	0.0	0.0	0.0	0.0	0.0
60°	5.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	2.4	0.0	0.0	0.0	0.0	0.0	0.0
63°	2.4	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.4	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)