

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: INVUE

Report Number: P180748

Luminaire Tested: **ICS-E04-LED-E1-SL3**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P180748  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33679)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ICS-E04-LED-E1-SL3  
Description: ICON SITE SMALL LED LUMINAIRE  
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL  
Light Source: (84) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10930.8 lumens  
Efficiency: N/A  
Efficacy: 112.5 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.67' x L: 1' x H: 0.1')  
IES Classification: Type III - Short - Semi-Cutoff  
BUG Rating: B2 - U0 - G2

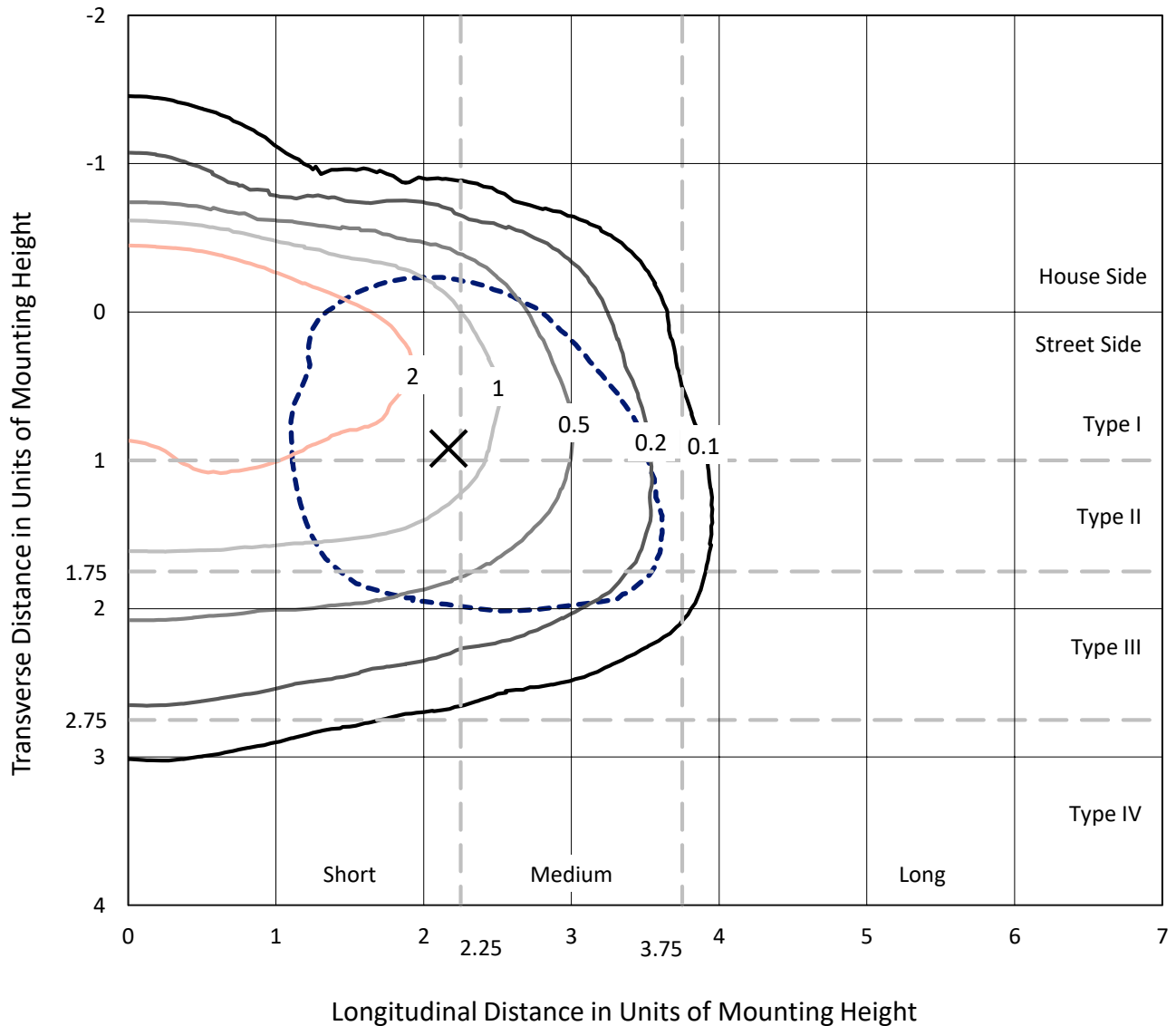
Input Watts (W): 97.2  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

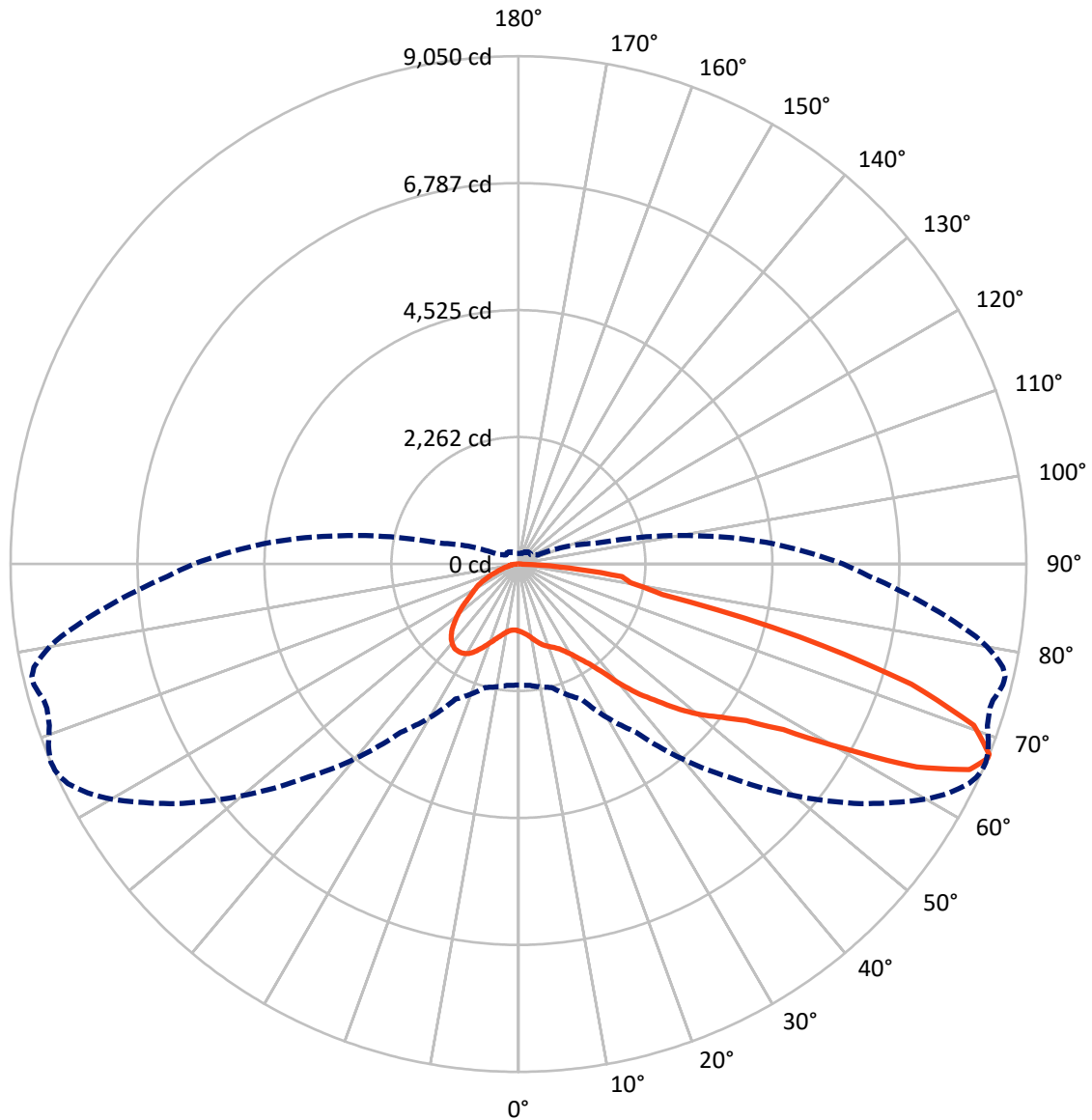
✕ Max cd  
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 3.8 fc  
 Type III - Short - Semi-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 67-Deg Lateral    - - - Horizontal Cone Through 67-Deg Vertical

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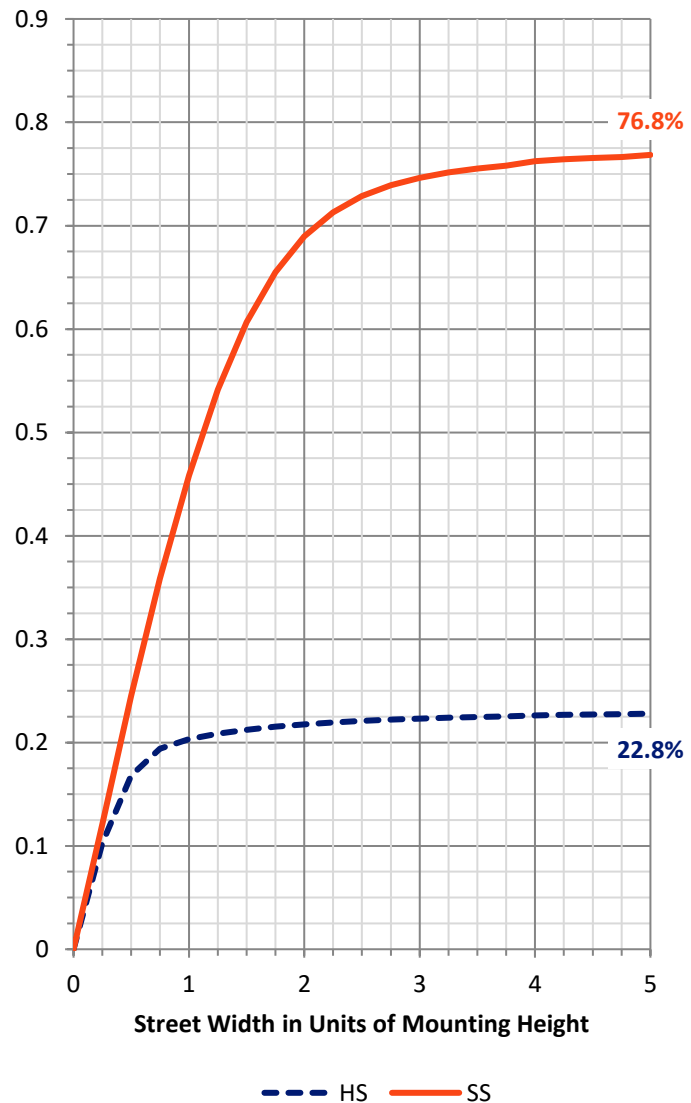
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2522.4	0.0	2522.4
	% Fixture	23.1	0.0	23.1
<b>Street Side</b>	Lumens	8408.4	0.0	8408.4
	% Fixture	76.9	0.0	76.9
<b>Total</b>	Lumens	10930.8	0.0	10930.8
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	118.9	1.1
10°-20°	407.6	3.7
20°-30°	719.8	6.6
30°-40°	1033.2	9.5
40°-50°	1569.1	14.4
50°-60°	2310.3	21.1
60°-70°	3070.3	28.1
70°-80°	1502.1	13.7
80°-90°	199.4	1.8
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°	10930.8	100.0
0°-180°	10930.8	100.0



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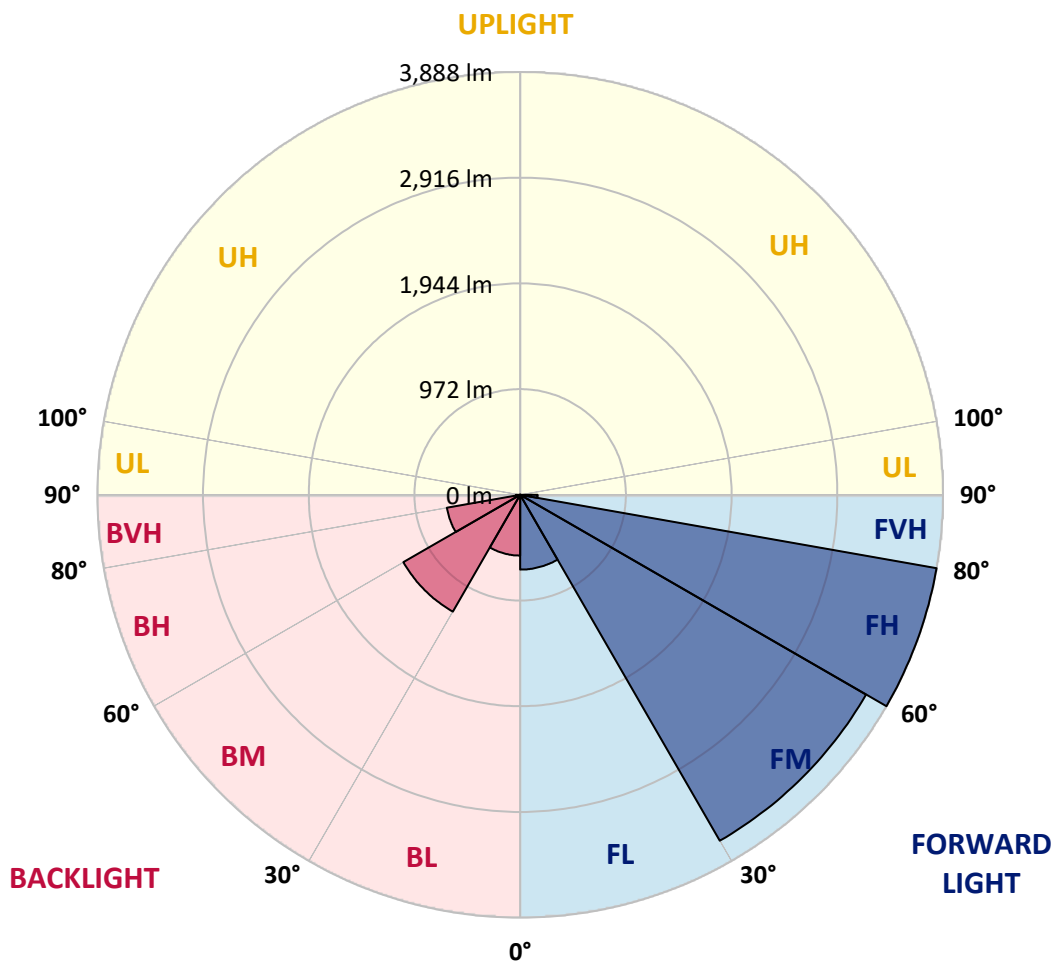
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	687.7	6.3			
FM (30°-60°)	3672.5	33.6			
FH (60°-80°)	3888.0	35.6			G2/5000
FVH (80°-90°)	160.2	1.5			G2/225
BL (0°-30°)	558.7	5.1	B2/1000		
BM (30°-60°)	1240.1	11.3	B2/2500		
BH (60°-80°)	684.4	6.3	B2/1000		G2/1000
BVH (80°-90°)	39.2	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G2**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1194.1	1194.1	1194.1	1194.1	1194.1	1194.1	1194.1	1194.1	1194.1	1194.1	1194.1
2.5°	1250.5	1251.7	1249.3	1248.1	1240.9	1233.7	1228.9	1222.9	1222.9	1222.9	1220.5
5°	1321.3	1316.5	1320.1	1311.7	1297.3	1284.1	1270.9	1260.1	1257.7	1257.7	1252.9
7.5°	1406.5	1400.5	1398.1	1386.1	1364.5	1345.3	1318.9	1308.1	1302.1	1299.7	1297.3
10°	1509.7	1509.7	1494.1	1473.7	1444.9	1411.3	1382.5	1363.3	1362.1	1362.1	1351.3
12.5°	1615.3	1617.7	1597.3	1576.9	1530.1	1485.7	1452.1	1430.5	1429.3	1424.5	1418.5
15°	1712.5	1706.5	1693.3	1663.3	1611.7	1558.9	1516.9	1495.3	1490.5	1485.7	1482.1
17.5°	1792.9	1786.9	1770.1	1731.7	1677.7	1615.3	1563.7	1540.9	1538.5	1536.1	1531.3
20°	1843.3	1838.5	1814.5	1770.1	1713.7	1650.1	1594.9	1579.3	1574.5	1574.5	1572.1
22.5°	1872.1	1864.9	1830.1	1771.3	1716.1	1669.3	1623.7	1614.1	1610.5	1611.7	1611.7
25°	1886.5	1880.5	1831.3	1747.3	1694.5	1681.3	1662.1	1656.1	1657.3	1658.5	1660.9
27.5°	1888.9	1880.5	1822.9	1716.1	1666.9	1704.1	1717.3	1726.9	1726.9	1731.7	1740.1
30°	1870.9	1861.3	1806.1	1692.1	1654.9	1749.7	1802.5	1827.7	1837.3	1834.9	1854.1
32.5°	1839.7	1833.7	1789.3	1692.1	1688.5	1839.7	1933.3	1969.3	1974.1	1976.5	1998.1
35°	1828.9	1827.7	1808.5	1749.7	1792.9	1998.1	2140.9	2168.5	2174.5	2174.5	2190.1
37.5°	1826.5	1832.5	1854.1	1857.7	1976.5	2233.3	2420.5	2462.5	2462.5	2474.5	2474.5
40°	1826.5	1839.7	1921.3	2018.5	2200.9	2539.3	2798.6	2846.6	2846.6	2859.8	2852.6
42.5°	1897.3	1916.5	2050.9	2235.7	2484.1	2855.0	3152.6	3206.6	3210.2	3206.6	3217.4
45°	2036.5	2053.3	2216.5	2481.7	2775.8	3193.4	3491.0	3555.8	3542.6	3551.0	3554.6
47.5°	2221.3	2247.7	2433.7	2750.5	3060.2	3506.6	3870.2	3929.0	3924.2	3927.8	3912.2
50°	2418.1	2445.7	2653.3	3017.0	3343.4	3758.6	4175.0	4262.6	4254.2	4260.2	4268.6
52.5°	2592.1	2608.9	2809.4	3217.4	3558.2	3993.8	4409.0	4518.2	4537.4	4539.8	4545.8
55°	2695.3	2715.7	2899.4	3317.0	3714.2	4224.2	4676.7	4842.3	4879.5	4889.1	4915.5
57.5°	2731.3	2752.9	2919.8	3331.4	3799.4	4440.2	5049.9	5341.5	5372.7	5424.3	5508.3
60°	2730.1	2752.9	2898.2	3299.0	3885.8	4707.9	5630.7	6119.1	6277.5	6330.3	6450.4
62.5°	2618.5	2644.9	2792.6	3200.6	3996.2	5049.9	6494.8	7246.0	7450.0	7546.0	7675.6
65°	2373.7	2392.9	2530.9	2951.0	3965.0	5387.1	7217.2	8154.4	8340.5	8480.9	8712.5
67°	2156.5	2168.5	2276.5	2655.7	3660.2	5399.1	7445.2	8380.1	8542.1	8690.9	8929.7
67.5°	2101.3	2126.5	2210.5	2565.7	3546.2	5330.7	7429.6	8345.3	8510.9	8665.7	8917.7
70°	1710.1	1746.1	1788.1	2026.9	2787.8	4484.6	6878.8	7742.8	7888.0	8032.0	8383.7
72.5°	1054.9	1119.7	1128.1	1279.3	1814.5	3099.8	5565.9	6529.6	6638.8	6742.0	7102.0
75°	621.6	631.2	661.2	783.6	1064.5	1852.9	3734.6	4850.7	4951.5	5001.9	5283.9
77.5°	346.8	356.4	381.6	487.2	818.4	1248.1	2174.5	2850.2	2911.4	2975.0	2929.4
80°	144.0	157.2	169.2	196.8	382.8	985.3	1495.3	1812.1	1851.7	1888.9	1935.7
82.5°	69.6	74.4	91.2	104.4	139.2	404.4	1172.5	1570.9	1617.7	1671.7	1780.9
85°	32.4	36.0	50.4	60.0	67.2	102.0	392.4	764.4	829.2	841.2	862.8
87.5°	2.4	2.4	6.0	8.4	12.0	13.2	40.8	57.6	64.8	58.8	74.4
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):**

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1194.1	1194.1	1194.1	1194.1	1194.1	1194.1	1194.1	1194.1	1194.1	1194.1	1194.1
2.5°	1219.3	1218.1	1215.7	1215.7	1214.5	1214.5	1214.5	1212.1	1212.1	1212.1	1210.9
5°	1251.7	1250.5	1246.9	1246.9	1244.5	1244.5	1240.9	1239.7	1237.3	1237.3	1236.1
7.5°	1293.7	1292.5	1287.7	1287.7	1284.1	1282.9	1280.5	1276.9	1276.9	1274.5	1272.1
10°	1351.3	1347.7	1346.5	1340.5	1341.7	1339.3	1336.9	1333.3	1330.9	1328.5	1326.1
12.5°	1416.1	1416.1	1410.1	1406.5	1408.9	1406.5	1401.7	1400.5	1396.9	1396.9	1393.3
15°	1477.3	1477.3	1474.9	1470.1	1471.3	1467.7	1466.5	1464.1	1459.3	1460.5	1459.3
17.5°	1530.1	1530.1	1526.5	1524.1	1524.1	1520.5	1521.7	1519.3	1516.9	1515.7	1512.1
20°	1572.1	1572.1	1569.7	1567.3	1568.5	1568.5	1564.9	1564.9	1564.9	1562.5	1562.5
22.5°	1612.9	1614.1	1614.1	1614.1	1615.3	1616.5	1615.3	1617.7	1616.5	1618.9	1618.9
25°	1666.9	1670.5	1672.9	1672.9	1678.9	1680.1	1681.3	1684.9	1684.9	1688.5	1689.7
27.5°	1747.3	1749.7	1759.3	1761.7	1762.9	1772.5	1773.7	1778.5	1783.3	1784.5	1785.7
30°	1857.7	1863.7	1870.9	1875.7	1875.7	1887.7	1892.5	1890.1	1903.3	1906.9	1911.7
32.5°	2005.3	2010.1	2017.3	2022.1	2026.9	2032.9	2034.1	2040.1	2050.9	2060.5	2054.5
35°	2191.3	2203.3	2191.3	2204.5	2208.1	2216.5	2214.1	2221.3	2226.1	2229.7	2228.5
37.5°	2461.3	2455.3	2452.9	2448.1	2439.7	2468.5	2454.1	2452.9	2445.7	2466.1	2452.9
40°	2816.6	2820.2	2823.8	2804.6	2793.8	2793.8	2790.2	2777.0	2771.0	2789.0	2786.6
42.5°	3187.4	3191.0	3174.2	3162.2	3134.6	3131.0	3114.2	3110.6	3104.6	3114.2	3104.6
45°	3524.6	3527.0	3489.8	3495.8	3474.2	3477.8	3451.4	3462.2	3447.8	3457.4	3475.4
47.5°	3901.4	3906.2	3873.8	3887.0	3865.4	3852.2	3851.0	3858.2	3842.6	3852.2	3857.0
50°	4243.4	4237.4	4220.6	4224.2	4214.6	4217.0	4202.6	4215.8	4197.8	4217.0	4214.6
52.5°	4547.0	4539.8	4536.2	4548.2	4539.8	4539.8	4531.4	4537.4	4539.8	4568.6	4574.6
55°	4915.5	4921.5	4927.5	4949.1	4958.7	4943.1	4958.7	4988.7	4989.9	5058.3	5095.5
57.5°	5507.1	5549.1	5570.7	5583.9	5640.3	5634.3	5670.3	5742.3	5749.5	5907.9	6000.3
60°	6539.2	6613.6	6684.4	6646.0	6760.0	6794.8	6816.4	6950.8	6992.8	7142.8	7223.2
62.5°	7842.4	7850.8	7961.2	7926.4	7991.2	7975.6	8002.0	8063.2	8118.4	8242.0	8317.7
65°	8752.1	8791.7	8834.9	8790.5	8789.3	8736.5	8702.9	8701.7	8735.3	8761.7	8845.7
67°	8999.3	9038.9	9049.7	9017.3	8970.5	8903.3	8840.9	8808.5	8786.9	8798.9	8851.7
67.5°	8996.9	9034.1	9047.3	9016.1	8951.3	8894.9	8828.9	8791.7	8762.9	8768.9	8813.3
70°	8485.7	8566.1	8609.3	8618.9	8610.5	8512.1	8455.7	8422.1	8398.1	8339.3	8335.7
72.5°	7189.6	7286.8	7320.4	7374.4	7398.4	7253.2	7192.0	7229.2	7145.2	6959.2	6967.6
75°	5279.1	5286.3	5173.5	5151.9	5071.5	4742.7	4644.3	4554.2	4410.2	4185.8	3974.6
77.5°	2751.7	2750.5	2620.9	2554.9	2458.9	2260.9	2251.3	2090.5	1977.7	1772.5	1698.1
80°	1954.9	1986.1	2029.3	2050.9	2017.3	1940.5	1834.9	1720.9	1590.1	1461.7	1308.1
82.5°	1818.1	1837.3	1860.1	1776.1	1729.3	1621.3	1540.9	1375.3	1282.9	1136.5	981.7
85°	884.4	943.3	897.6	844.8	826.8	646.8	625.2	522.0	474.0	390.0	363.6
87.5°	56.4	69.6	62.4	56.4	49.2	27.6	37.2	26.4	27.6	20.4	18.0
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):**

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1194.1	1194.1	1194.1	1194.1	1194.1	1194.1	1194.1	1194.1	1194.1	1194.1	1194.1
2.5°	1210.9	1209.7	1208.5	1207.3	1206.1	1206.1	1204.9	1203.7	1202.5	1200.1	1200.1
5°	1233.7	1233.7	1232.5	1230.1	1230.1	1227.7	1224.1	1222.9	1222.9	1220.5	1218.1
7.5°	1270.9	1269.7	1267.3	1266.1	1263.7	1261.3	1258.9	1256.5	1255.3	1251.7	1250.5
10°	1327.3	1324.9	1318.9	1316.5	1315.3	1312.9	1310.5	1308.1	1304.5	1302.1	1300.9
12.5°	1390.9	1389.7	1384.9	1387.3	1381.3	1378.9	1376.5	1370.5	1372.9	1368.1	1365.7
15°	1454.5	1455.7	1453.3	1453.3	1448.5	1444.9	1442.5	1437.7	1436.5	1434.1	1431.7
17.5°	1510.9	1513.3	1509.7	1507.3	1504.9	1502.5	1497.7	1492.9	1492.9	1488.1	1485.7
20°	1562.5	1564.9	1563.7	1561.3	1557.7	1556.5	1554.1	1550.5	1550.5	1548.1	1544.5
22.5°	1621.3	1622.5	1622.5	1621.3	1617.7	1618.9	1616.5	1612.9	1614.1	1609.3	1609.3
25°	1692.1	1694.5	1696.9	1698.1	1695.7	1696.9	1694.5	1692.1	1690.9	1692.1	1690.9
27.5°	1789.3	1791.7	1798.9	1792.9	1798.9	1800.1	1796.5	1791.7	1795.3	1801.3	1797.7
30°	1917.7	1915.3	1924.9	1926.1	1924.9	1926.1	1923.7	1920.1	1922.5	1933.3	1927.3
32.5°	2061.7	2066.5	2068.9	2071.3	2074.9	2079.7	2076.1	2072.5	2078.5	2074.9	2083.3
35°	2235.7	2246.5	2250.1	2246.5	2248.9	2257.3	2256.1	2257.3	2269.3	2257.3	2272.9
37.5°	2455.3	2466.1	2474.5	2469.7	2475.7	2475.7	2485.3	2511.7	2494.9	2516.5	2533.3
40°	2774.6	2791.4	2792.6	2791.4	2797.4	2804.6	2814.2	2843.0	2823.8	2846.6	2862.2
42.5°	3103.4	3123.8	3131.0	3119.0	3132.2	3147.8	3149.0	3174.2	3175.4	3179.0	3187.4
45°	3474.2	3492.2	3506.6	3500.6	3501.8	3522.2	3517.4	3541.4	3523.4	3523.4	3528.2
47.5°	3869.0	3885.8	3895.4	3905.0	3893.0	3911.0	3919.4	3914.6	3893.0	3888.2	3859.4
50°	4229.0	4243.4	4257.8	4284.2	4283.0	4291.4	4297.4	4275.8	4271.0	4244.6	4212.2
52.5°	4610.7	4647.9	4680.3	4735.5	4743.9	4772.7	4761.9	4725.9	4719.9	4676.7	4633.5
55°	5142.3	5249.1	5295.9	5381.1	5438.7	5437.5	5413.5	5407.5	5361.9	5275.5	5223.9
57.5°	6067.5	6234.3	6314.7	6425.1	6443.2	6432.3	6401.1	6345.9	6266.7	6121.5	6027.9
60°	7403.2	7506.4	7600.0	7626.4	7639.6	7619.2	7510.0	7387.6	7232.8	7032.4	6865.6
62.5°	8412.5	8518.1	8587.7	8576.9	8494.1	8389.7	8230.0	8024.8	7807.6	7583.2	7333.6
65°	8926.1	8970.5	8959.7	8875.7	8734.1	8551.7	8318.9	8065.6	7810.0	7544.8	7285.6
67°	8898.5	8899.7	8826.5	8663.3	8482.1	8252.8	7968.4	7692.4	7392.4	7114.0	6805.6
67.5°	8849.3	8844.5	8742.5	8563.7	8368.1	8131.6	7836.4	7550.8	7240.0	6959.2	6640.0
70°	8292.5	8225.2	7994.8	7709.2	7436.8	7117.6	6808.0	6480.4	6129.9	5888.7	5521.5
72.5°	6814.0	6587.2	6189.9	5891.1	5599.5	5181.9	4988.7	4581.8	4335.8	4182.2	3905.0
75°	3945.8	3756.2	3449.0	3169.4	3027.8	2780.6	2662.9	2364.1	2301.7	2299.3	2203.3
77.5°	1506.1	1314.1	1116.1	898.8	764.4	607.2	535.2	478.8	435.6	465.6	422.4
80°	1129.3	928.9	726.0	528.0	376.8	278.4	238.8	220.8	210.0	201.6	195.6
82.5°	841.2	663.6	514.8	336.0	235.2	177.6	153.6	144.0	139.2	130.8	123.6
85°	284.4	228.0	180.0	124.8	98.4	80.4	74.4	72.0	68.4	62.4	58.8
87.5°	15.6	14.4	15.6	12.0	14.4	12.0	13.2	13.2	13.2	12.0	12.0
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):**

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1194.1	1194.1	1194.1	1194.1	1194.1	1194.1	1194.1	1194.1	1194.1	1194.1	1194.1
2.5°	1198.9	1198.9	1198.9	1196.5	1192.9	1185.7	1178.5	1172.5	1166.5	1162.9	1160.5
5°	1216.9	1214.5	1213.3	1212.1	1203.7	1189.3	1176.1	1164.1	1152.1	1142.5	1138.9
7.5°	1249.3	1244.5	1243.3	1239.7	1228.9	1207.3	1188.1	1168.9	1152.1	1138.9	1132.9
10°	1298.5	1298.5	1291.3	1286.5	1274.5	1245.7	1218.1	1192.9	1170.1	1155.7	1152.1
12.5°	1360.9	1360.9	1354.9	1351.3	1336.9	1299.7	1266.1	1236.1	1214.5	1200.1	1198.9
15°	1425.7	1424.5	1419.7	1414.9	1399.3	1359.7	1326.1	1299.7	1281.7	1264.9	1260.1
17.5°	1483.3	1483.3	1477.3	1472.5	1456.9	1423.3	1393.3	1374.1	1353.7	1318.9	1292.5
20°	1540.9	1542.1	1537.3	1532.5	1519.3	1490.5	1477.3	1458.1	1412.5	1336.9	1274.5
22.5°	1604.5	1609.3	1603.3	1598.5	1587.7	1575.7	1570.9	1525.3	1429.3	1308.1	1216.9
25°	1686.1	1694.5	1687.3	1684.9	1678.9	1682.5	1668.1	1562.5	1405.3	1245.7	1131.7
27.5°	1797.7	1797.7	1798.9	1798.9	1796.5	1809.7	1756.9	1563.7	1352.5	1165.3	1029.7
30°	1928.5	1935.7	1933.3	1933.3	1942.9	1951.3	1806.1	1537.3	1285.3	1065.7	904.8
32.5°	2085.7	2091.7	2094.1	2083.3	2121.7	2078.5	1824.1	1489.3	1202.5	942.1	756.0
35°	2275.3	2283.7	2289.7	2290.9	2316.1	2188.9	1814.5	1418.5	1083.7	787.2	592.8
37.5°	2522.5	2539.3	2552.5	2558.5	2559.7	2282.5	1788.1	1324.9	928.9	614.4	441.6
40°	2851.4	2869.4	2865.8	2877.8	2809.4	2337.7	1728.1	1189.3	736.8	451.2	340.8
42.5°	3168.2	3170.6	3175.4	3164.6	3025.4	2366.5	1644.1	1023.7	552.0	337.2	291.6
45°	3522.2	3501.8	3479.0	3462.2	3224.6	2377.3	1528.9	822.0	390.0	283.2	270.0
47.5°	3854.6	3827.0	3780.2	3732.2	3402.2	2360.5	1381.3	615.6	296.4	259.2	255.6
50°	4181.0	4129.4	4063.4	4008.2	3572.6	2335.3	1218.1	444.0	259.2	247.2	243.6
52.5°	4585.4	4499.0	4412.6	4340.6	3794.6	2295.7	1046.5	337.2	243.6	237.6	232.8
55°	5139.9	5019.9	4880.7	4779.9	4095.8	2235.7	866.4	285.6	236.4	231.6	224.4
57.5°	5907.9	5727.9	5570.7	5406.3	4507.4	2174.5	711.6	265.2	235.2	228.0	218.4
60°	6692.8	6476.8	6276.3	6041.1	4927.5	2113.3	603.6	262.8	238.8	228.0	213.6
62.5°	7100.8	6877.6	6636.4	6397.5	5108.7	1969.3	529.2	266.4	247.2	231.6	213.6
65°	7007.2	6734.8	6490.0	6246.3	4898.7	1696.9	447.6	271.2	264.0	246.0	217.2
67°	6536.8	6252.3	6017.1	5784.3	4430.6	1420.9	384.0	276.0	282.0	262.8	224.4
67.5°	6371.1	6086.7	5855.1	5628.3	4292.6	1363.3	368.4	278.4	285.6	267.6	226.8
70°	5282.7	5073.9	4827.9	4652.7	3475.4	1009.3	302.4	283.2	307.2	295.2	237.6
72.5°	3801.8	3602.6	3417.8	3320.6	2559.7	705.6	254.4	278.4	320.4	310.8	242.4
75°	2020.9	2008.9	1941.7	1989.7	1584.1	460.8	224.4	260.4	306.0	284.4	225.6
77.5°	408.0	420.0	493.2	486.0	511.2	256.8	192.0	223.2	236.4	208.8	183.6
80°	189.6	186.0	182.4	184.8	181.2	164.4	156.0	175.2	164.4	134.4	122.4
82.5°	117.6	115.2	111.6	110.4	122.4	130.8	136.8	138.0	109.2	93.6	90.0
85°	56.4	56.4	55.2	57.6	72.0	106.8	115.2	102.0	73.2	67.2	63.6
87.5°	10.8	10.8	12.0	10.8	14.4	25.2	28.8	33.6	27.6	28.8	32.4
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):**

	165°	175°	180°
0°	1194.1	1194.1	1194.1
2.5°	1158.1	1155.7	1155.7
5°	1134.1	1132.9	1132.9
7.5°	1128.1	1129.3	1128.1
10°	1150.9	1149.7	1154.5
12.5°	1201.3	1204.9	1203.7
15°	1254.1	1256.5	1256.5
17.5°	1269.7	1261.3	1260.1
20°	1228.9	1213.3	1209.7
22.5°	1152.1	1123.3	1124.5
25°	1054.9	1020.1	1022.5
27.5°	942.1	904.8	903.6
30°	806.4	765.6	745.2
32.5°	643.2	594.0	594.0
35°	483.6	444.0	429.6
37.5°	367.2	344.4	337.2
40°	306.0	295.2	292.8
42.5°	278.4	274.8	273.6
45°	264.0	261.6	260.4
47.5°	250.8	249.6	248.4
50°	241.2	240.0	238.8
52.5°	232.8	230.4	229.2
55°	220.8	220.8	220.8
57.5°	213.6	213.6	212.4
60°	206.4	205.2	205.2
62.5°	200.4	198.0	199.2
65°	196.8	193.2	193.2
67°	194.4	187.2	187.2
67.5°	194.4	184.8	184.8
70°	190.8	175.2	172.8
72.5°	187.2	164.4	160.8
75°	177.6	156.0	152.4
77.5°	152.4	139.2	136.8
80°	117.6	102.0	104.4
82.5°	85.2	73.2	72.0
85°	61.2	52.8	52.8
87.5°	32.4	27.6	28.8
90°	0.0	0.0	0.0

(END OF REPORT)