

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: P180687

Luminaire Tested: **ICM-E04-LED-E1-SL3-7030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P180687  
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: ICM-E04-LED-E1-SL3-7030  
Description: ICON SITE MEDIUM LED LUMINAIRE  
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL  
Light Source: (84) 3000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10318.5 lumens  
Efficiency: N/A  
Efficacy: 106.2 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 (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: 25 FT

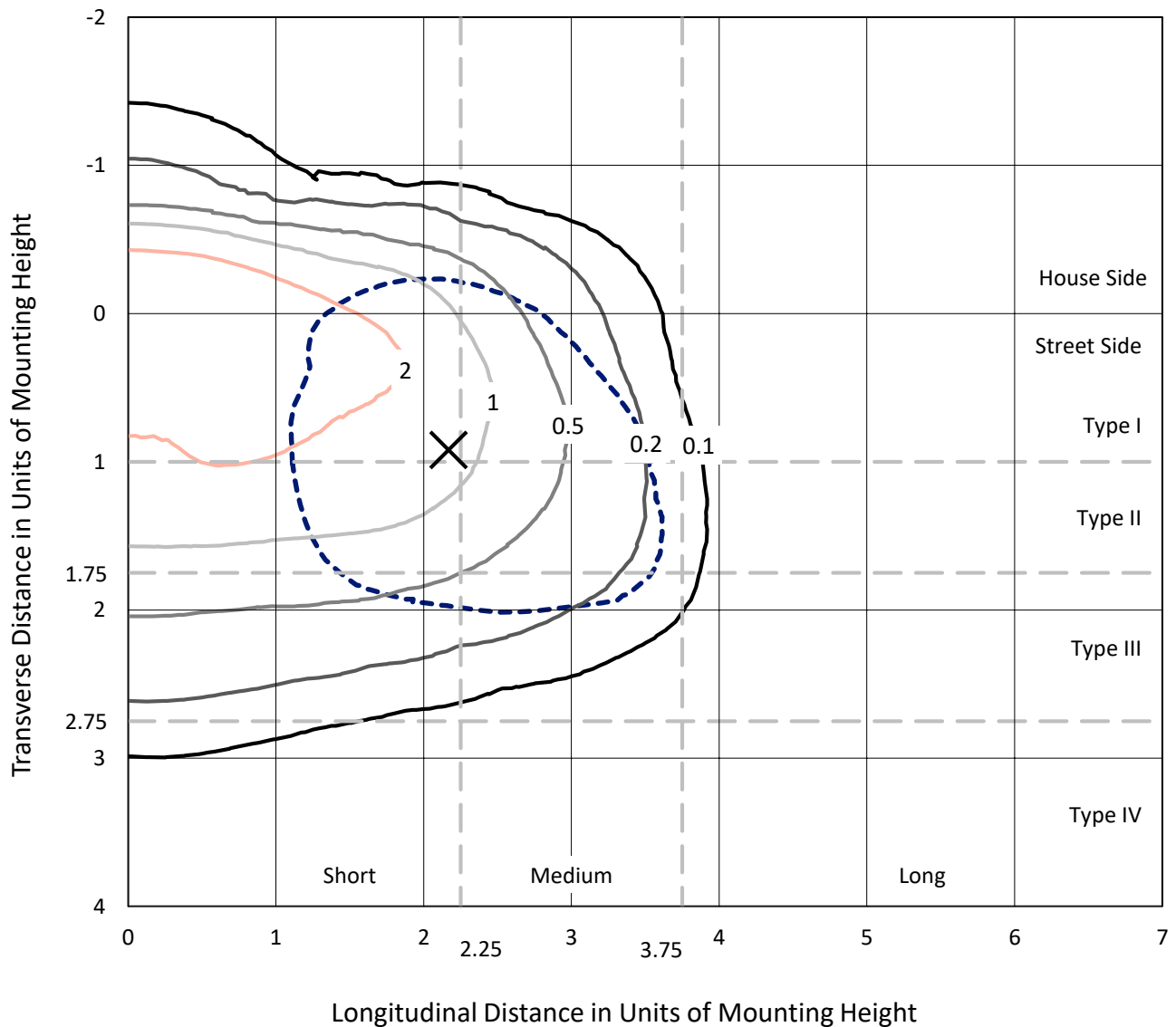


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### Iso-Footcandle Lines of Horizontal Illumination

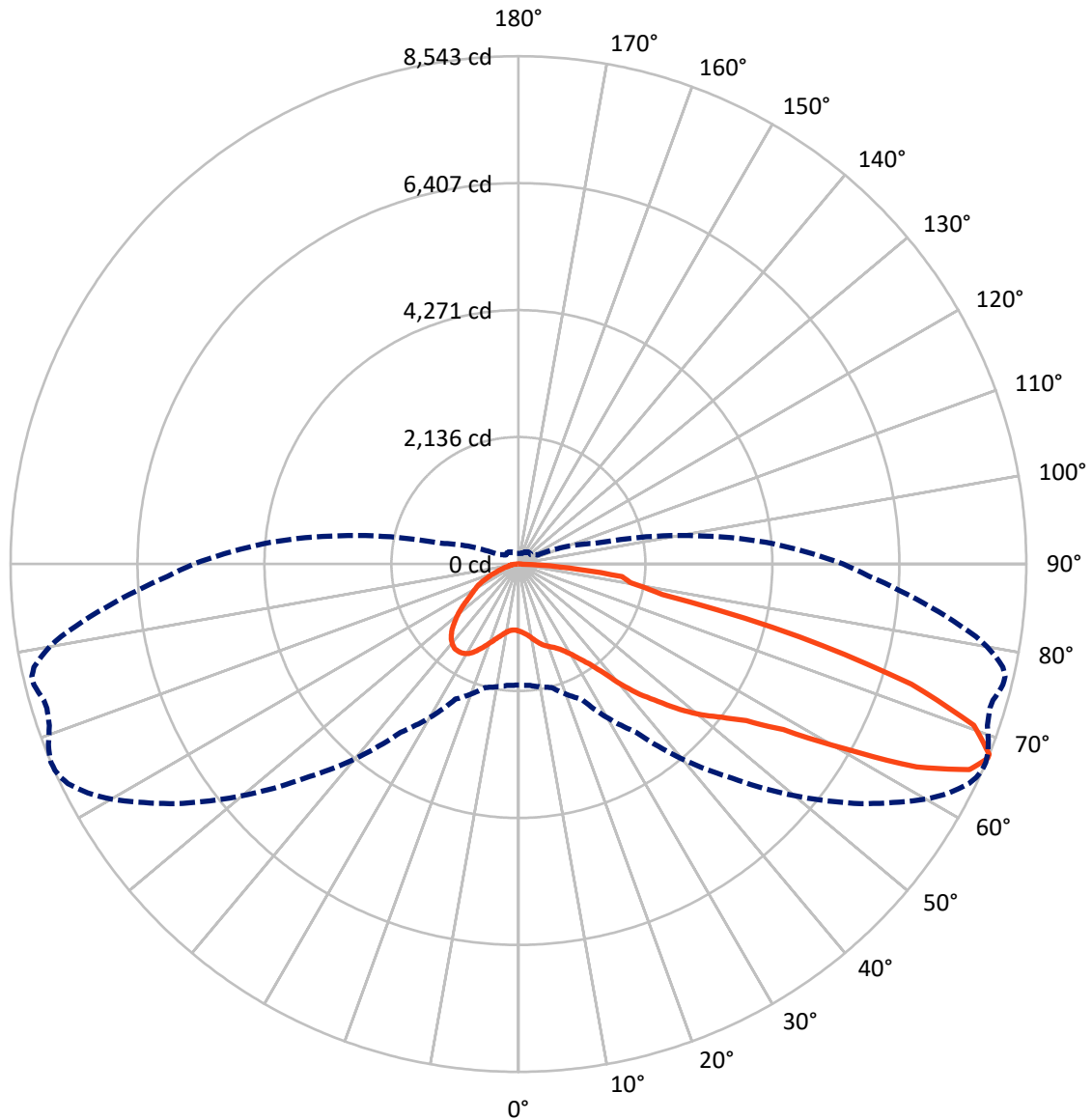
✕ Max cd  
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 3.6 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	2381.1	0.0	2381.1
	% Fixture	23.1	0.0	23.1
<b>Street Side</b>	Lumens	7937.4	0.0	7937.4
	% Fixture	76.9	0.0	76.9
<b>Total</b>	Lumens	10318.5	0.0	10318.5
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	112.2	1.1
10°-20°	384.8	3.7
20°-30°	679.5	6.6
30°-40°	975.3	9.5
40°-50°	1481.2	14.4
50°-60°	2180.9	21.1
60°-70°	2898.3	28.1
70°-80°	1417.9	13.7
80°-90°	188.3	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°	10318.5	100.0
0°-180°	10318.5	100.0



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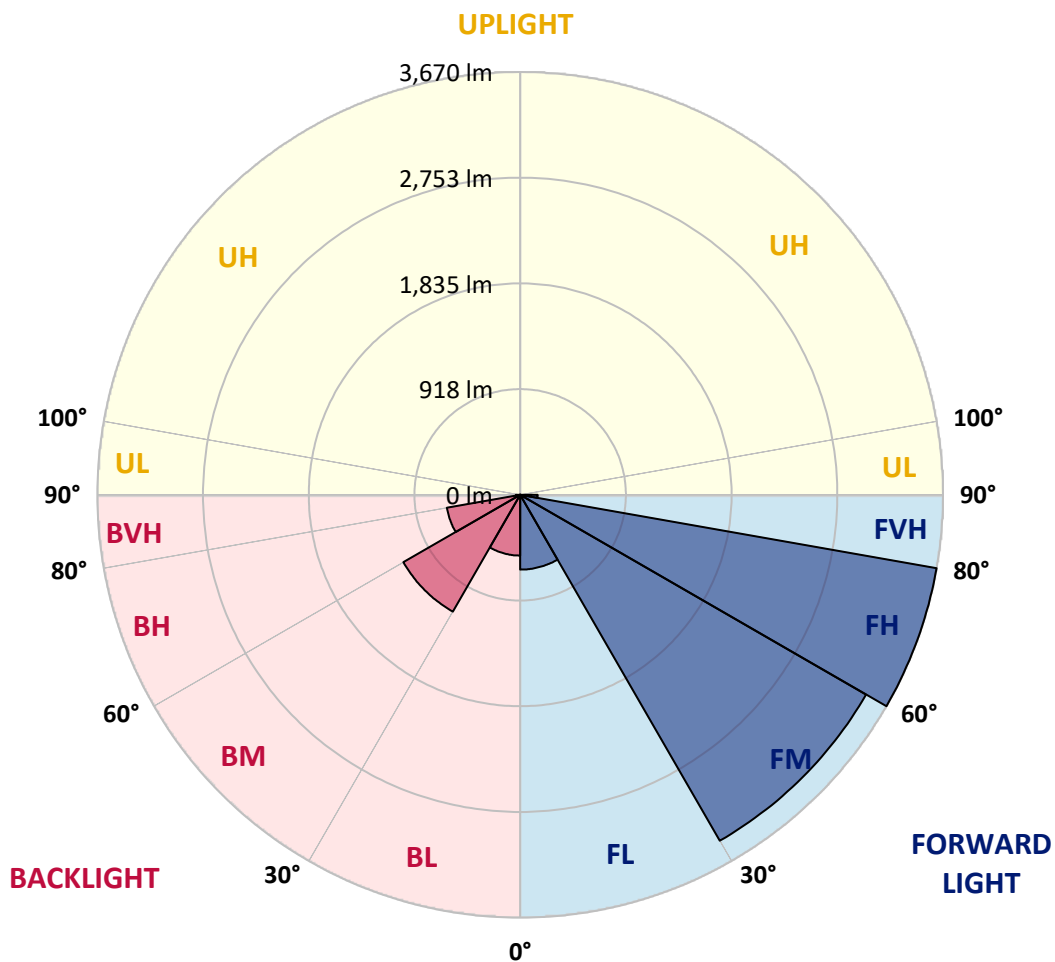
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	649.1	6.3			
FM	(30°-60°)	3466.8	33.6			
FH	(60°-80°)	3670.2	35.6			G2/5000
FVH	(80°-90°)	151.2	1.5			G2/225
BL	(0°-30°)	527.4	5.1	B2/1000		
BM	(30°-60°)	1170.7	11.3	B2/2500		
BH	(60°-80°)	646.1	6.3	B2/1000		G2/1000
BVH	(80°-90°)	37.0	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°	1127.2	1127.2	1127.2	1127.2	1127.2	1127.2	1127.2	1127.2	1127.2	1127.2	1127.2
2.5°	1180.4	1181.6	1179.3	1178.1	1171.4	1164.6	1160.0	1154.3	1154.3	1154.3	1152.1
5°	1247.3	1242.7	1246.1	1238.2	1224.6	1212.1	1199.7	1189.5	1187.3	1187.3	1182.7
7.5°	1327.7	1322.1	1319.7	1308.5	1288.0	1270.0	1245.0	1234.8	1229.1	1226.9	1224.6
10°	1425.1	1425.1	1410.4	1391.2	1363.9	1332.2	1305.0	1286.9	1285.8	1285.8	1275.5
12.5°	1524.8	1527.1	1507.8	1488.6	1444.4	1402.4	1370.7	1350.3	1349.2	1344.7	1339.0
15°	1616.6	1610.9	1598.4	1570.1	1521.4	1471.5	1431.9	1411.5	1407.0	1402.4	1399.1
17.5°	1692.5	1686.8	1671.0	1634.7	1583.7	1524.8	1476.1	1454.6	1452.3	1450.1	1445.5
20°	1740.0	1735.5	1712.8	1671.0	1617.7	1557.7	1505.6	1490.8	1486.3	1486.3	1484.0
22.5°	1767.3	1760.5	1727.5	1672.1	1620.0	1575.8	1532.8	1523.6	1520.3	1521.4	1521.4
25°	1780.8	1775.2	1728.8	1649.4	1599.5	1587.1	1569.0	1563.4	1564.5	1565.6	1567.8
27.5°	1783.1	1775.2	1720.8	1620.0	1573.5	1608.7	1621.1	1630.1	1630.1	1634.7	1642.6
30°	1766.2	1757.0	1704.9	1597.3	1562.1	1651.7	1701.5	1725.3	1734.4	1732.1	1750.2
32.5°	1736.7	1731.0	1689.0	1597.3	1593.9	1736.7	1825.0	1859.0	1863.5	1865.8	1886.2
35°	1726.4	1725.3	1707.2	1651.7	1692.5	1886.2	2021.0	2047.1	2052.8	2052.8	2067.5
37.5°	1724.2	1729.9	1750.2	1753.7	1865.8	2108.2	2284.9	2324.6	2324.6	2335.9	2335.9
40°	1724.2	1736.7	1813.7	1905.4	2077.6	2397.1	2641.8	2687.1	2687.1	2699.6	2692.8
42.5°	1791.0	1809.1	1936.0	2110.5	2344.9	2695.0	2976.0	3027.0	3030.3	3027.0	3037.1
45°	1922.4	1938.3	2092.4	2342.7	2620.3	3014.5	3295.5	3356.6	3344.1	3352.1	3355.5
47.5°	2096.9	2121.8	2297.4	2596.5	2888.8	3310.2	3653.4	3709.0	3704.4	3707.8	3693.0
50°	2282.7	2308.8	2504.8	2848.0	3156.1	3548.1	3941.1	4023.8	4015.9	4021.6	4029.5
52.5°	2446.9	2462.8	2652.0	3037.1	3358.9	3770.1	4162.1	4265.1	4283.3	4285.5	4291.2
55°	2544.4	2563.6	2736.9	3131.2	3506.2	3987.7	4414.7	4571.0	4606.2	4615.2	4640.1
57.5°	2578.3	2598.7	2756.2	3144.8	3586.6	4191.6	4767.0	5042.3	5071.8	5120.5	5199.8
60°	2577.2	2598.7	2735.8	3114.2	3668.1	4444.1	5315.3	5776.4	5925.9	5975.8	6089.1
62.5°	2471.8	2496.8	2636.1	3021.3	3772.4	4767.0	6130.9	6840.1	7032.7	7123.3	7245.7
65°	2240.8	2258.9	2389.1	2785.7	3742.9	5085.3	6813.0	7697.7	7873.3	8005.8	8224.4
67°	2035.7	2047.1	2149.0	2507.0	3455.2	5096.7	7028.1	7910.7	8063.6	8204.1	8429.5
67.5°	1983.6	2007.4	2086.7	2422.1	3347.6	5032.1	7013.4	7877.8	8034.1	8180.2	8418.2
70°	1614.3	1648.3	1687.9	1913.4	2631.6	4233.4	6493.4	7309.1	7446.2	7582.1	7914.1
72.5°	995.7	1056.9	1064.8	1207.6	1712.8	2926.2	5254.2	6163.9	6266.9	6364.3	6704.1
75°	586.8	595.9	624.2	739.7	1004.8	1749.1	3525.4	4578.9	4674.1	4721.7	4987.9
77.5°	327.4	336.5	360.3	459.9	772.6	1178.1	2052.8	2690.5	2748.3	2808.3	2765.3
80°	135.9	148.4	159.7	185.8	361.4	930.1	1411.5	1710.6	1748.0	1783.1	1827.3
82.5°	65.7	70.2	86.1	98.5	131.4	381.8	1106.8	1482.9	1527.1	1578.1	1681.1
85°	30.6	34.0	47.5	56.7	63.4	96.3	370.4	721.6	782.8	794.1	814.5
87.5°	2.2	2.2	5.7	7.9	11.3	12.5	38.5	54.4	61.2	55.5	70.2
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):**

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1127.2	1127.2	1127.2	1127.2	1127.2	1127.2	1127.2	1127.2	1127.2	1127.2	1127.2
2.5°	1151.0	1149.9	1147.5	1147.5	1146.4	1146.4	1146.4	1144.2	1144.2	1144.2	1143.1
5°	1181.6	1180.4	1177.0	1177.0	1174.8	1174.8	1171.4	1170.2	1168.0	1168.0	1166.8
7.5°	1221.2	1220.1	1215.5	1215.5	1212.1	1211.0	1208.8	1205.3	1205.3	1203.1	1200.8
10°	1275.5	1272.2	1271.1	1265.4	1266.5	1264.3	1262.0	1258.6	1256.3	1254.1	1251.8
12.5°	1336.8	1336.8	1331.1	1327.7	1330.0	1327.7	1323.2	1322.1	1318.6	1318.6	1315.3
15°	1394.5	1394.5	1392.3	1387.7	1388.8	1385.5	1384.4	1382.1	1377.5	1378.7	1377.5
17.5°	1444.4	1444.4	1440.9	1438.7	1438.7	1435.4	1436.5	1434.1	1431.9	1430.8	1427.4
20°	1484.0	1484.0	1481.8	1479.5	1480.7	1480.7	1477.2	1477.2	1477.2	1475.0	1475.0
22.5°	1522.5	1523.6	1523.6	1523.6	1524.8	1526.0	1524.8	1527.1	1526.0	1528.2	1528.2
25°	1573.5	1576.9	1579.2	1579.2	1584.8	1586.0	1587.1	1590.5	1590.5	1593.9	1595.1
27.5°	1649.4	1651.7	1660.8	1663.0	1664.1	1673.2	1674.3	1678.9	1683.5	1684.6	1685.7
30°	1753.7	1759.3	1766.2	1770.6	1770.6	1782.0	1786.5	1784.2	1796.7	1800.1	1804.7
32.5°	1892.9	1897.5	1904.3	1908.8	1913.4	1919.1	1920.2	1925.9	1936.0	1945.1	1939.5
35°	2068.6	2079.9	2068.6	2081.0	2084.5	2092.4	2090.1	2096.9	2101.4	2104.9	2103.7
37.5°	2323.5	2317.8	2315.5	2311.0	2303.1	2330.2	2316.7	2315.5	2308.8	2328.0	2315.5
40°	2658.8	2662.2	2665.6	2647.5	2637.2	2637.2	2633.9	2621.4	2615.7	2632.8	2630.4
42.5°	3008.9	3012.2	2996.4	2985.0	2959.0	2955.6	2939.7	2936.3	2930.6	2939.7	2930.6
45°	3327.2	3329.4	3294.3	3300.0	3279.6	3283.0	3258.1	3268.3	3254.6	3263.7	3280.8
47.5°	3682.9	3687.4	3656.9	3669.3	3648.9	3636.4	3635.3	3642.1	3627.4	3636.4	3641.0
50°	4005.7	4000.1	3984.2	3987.7	3978.5	3980.9	3967.2	3979.7	3962.7	3980.9	3978.5
52.5°	4292.3	4285.5	4282.2	4293.5	4285.5	4285.5	4277.6	4283.3	4285.5	4312.8	4318.4
55°	4640.1	4645.8	4651.5	4671.8	4681.0	4666.2	4681.0	4709.2	4710.4	4774.9	4810.1
57.5°	5198.6	5238.3	5258.6	5271.1	5324.4	5318.7	5352.7	5420.7	5427.5	5577.0	5664.2
60°	6172.9	6243.1	6309.9	6273.7	6381.3	6414.2	6434.6	6561.4	6601.1	6742.6	6818.6
62.5°	7403.1	7411.1	7515.3	7482.5	7543.6	7528.9	7553.8	7611.6	7663.7	7780.4	7851.8
65°	8261.8	8299.2	8340.0	8298.1	8297.0	8247.1	8215.4	8214.3	8246.0	8270.9	8350.2
67°	8495.2	8532.6	8542.7	8512.2	8468.1	8404.6	8345.6	8315.1	8294.7	8306.0	8355.9
67.5°	8492.9	8528.1	8540.5	8511.0	8449.9	8396.6	8334.4	8299.2	8272.1	8277.7	8319.6
70°	8010.4	8086.3	8127.0	8136.0	8128.1	8035.3	7982.0	7950.3	7927.7	7872.1	7868.7
72.5°	6786.8	6878.6	6910.4	6961.3	6983.9	6846.9	6789.2	6824.2	6745.0	6569.3	6577.2
75°	4983.4	4990.2	4883.7	4863.3	4787.4	4477.0	4384.1	4299.2	4163.2	3951.4	3752.0
77.5°	2597.6	2596.5	2474.2	2411.8	2321.2	2134.2	2125.2	1973.4	1866.9	1673.2	1603.0
80°	1845.4	1874.9	1915.6	1936.0	1904.3	1831.8	1732.1	1624.5	1501.0	1379.8	1234.8
82.5°	1716.3	1734.4	1755.9	1676.6	1632.5	1530.4	1454.6	1298.2	1211.0	1072.8	926.7
85°	834.9	890.4	847.4	797.5	780.6	610.6	590.2	492.7	447.4	368.2	343.3
87.5°	53.2	65.7	58.9	53.2	46.4	26.0	35.2	24.9	26.0	19.3	17.0
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°	1127.2	1127.2	1127.2	1127.2	1127.2	1127.2	1127.2	1127.2	1127.2	1127.2	1127.2
2.5°	1143.1	1141.9	1140.8	1139.6	1138.5	1138.5	1137.4	1136.3	1135.1	1132.8	1132.8
5°	1164.6	1164.6	1163.4	1161.1	1161.1	1158.9	1155.5	1154.3	1154.3	1152.1	1149.9
7.5°	1199.7	1198.5	1196.3	1195.2	1192.8	1190.6	1188.4	1186.1	1184.9	1181.6	1180.4
10°	1252.9	1250.7	1245.0	1242.7	1241.6	1239.4	1237.0	1234.8	1231.4	1229.1	1228.0
12.5°	1312.9	1311.8	1307.3	1309.6	1303.9	1301.7	1299.4	1293.7	1296.0	1291.4	1289.2
15°	1373.0	1374.1	1371.9	1371.9	1367.4	1363.9	1361.7	1357.1	1356.0	1353.8	1351.5
17.5°	1426.2	1428.5	1425.1	1422.9	1420.6	1418.3	1413.8	1409.2	1409.2	1404.8	1402.4
20°	1475.0	1477.2	1476.1	1473.9	1470.4	1469.3	1467.1	1463.6	1463.6	1461.4	1458.0
22.5°	1530.4	1531.6	1531.6	1530.4	1527.1	1528.2	1526.0	1522.5	1523.6	1519.2	1519.2
25°	1597.3	1599.5	1601.9	1603.0	1600.8	1601.9	1599.5	1597.3	1596.2	1597.3	1596.2
27.5°	1689.0	1691.4	1698.1	1692.5	1698.1	1699.3	1695.8	1691.4	1694.7	1700.4	1697.0
30°	1810.2	1808.0	1817.1	1818.2	1817.1	1818.2	1815.9	1812.6	1814.8	1825.0	1819.4
32.5°	1946.2	1950.8	1953.0	1955.3	1958.7	1963.2	1959.8	1956.4	1962.1	1958.7	1966.6
35°	2110.5	2120.7	2124.1	2120.7	2123.0	2130.9	2129.8	2130.9	2142.2	2130.9	2145.6
37.5°	2317.8	2328.0	2335.9	2331.4	2337.0	2337.0	2346.2	2371.1	2355.2	2375.5	2391.5
40°	2619.2	2635.0	2636.1	2635.0	2640.7	2647.5	2656.5	2683.7	2665.6	2687.1	2701.9
42.5°	2929.5	2948.8	2955.6	2944.3	2956.8	2971.5	2972.6	2996.4	2997.5	3000.9	3008.9
45°	3279.6	3296.6	3310.2	3304.5	3305.6	3324.9	3320.4	3343.0	3326.1	3326.1	3330.5
47.5°	3652.3	3668.1	3677.2	3686.3	3674.9	3691.9	3699.8	3695.4	3674.9	3670.4	3643.2
50°	3992.1	4005.7	4019.4	4044.2	4043.1	4051.1	4056.7	4036.3	4031.8	4006.9	3976.3
52.5°	4352.4	4387.5	4418.1	4470.2	4478.2	4505.3	4495.1	4461.1	4455.5	4414.7	4373.9
55°	4854.3	4955.1	4999.3	5079.7	5134.1	5133.0	5110.3	5104.6	5061.5	4980.0	4931.3
57.5°	5727.7	5885.2	5961.1	6065.2	6082.3	6072.0	6042.5	5990.5	5915.8	5778.6	5690.3
60°	6988.5	7085.9	7174.3	7199.2	7211.7	7192.4	7089.3	6973.8	6827.7	6638.5	6481.0
62.5°	7941.3	8040.9	8106.7	8096.4	8018.3	7919.7	7769.1	7575.3	7370.3	7158.5	6922.8
65°	8426.1	8468.1	8457.8	8378.6	8244.9	8072.6	7852.9	7613.8	7372.5	7122.2	6877.5
67°	8400.1	8401.2	8332.1	8178.0	8006.9	7790.6	7522.1	7261.5	6978.4	6715.5	6424.3
67.5°	8353.6	8349.1	8252.8	8084.0	7899.3	7676.1	7397.4	7127.9	6834.5	6569.3	6268.0
70°	7828.0	7764.5	7547.0	7277.4	7020.2	6718.9	6426.6	6117.3	5786.5	5558.8	5212.2
72.5°	6432.3	6218.2	5843.2	5561.2	5285.9	4891.7	4709.2	4325.2	4093.0	3947.9	3686.3
75°	3724.8	3545.8	3255.8	2991.8	2858.2	2624.8	2513.8	2231.7	2172.8	2170.5	2079.9
77.5°	1421.7	1240.5	1053.6	848.5	721.6	573.2	505.2	452.0	411.3	439.5	398.8
80°	1066.1	876.8	685.4	498.4	355.7	262.8	225.4	208.5	198.2	190.3	184.7
82.5°	794.1	626.4	486.0	317.2	222.0	167.6	145.0	135.9	131.4	123.4	116.7
85°	268.5	215.3	170.0	117.9	92.9	75.9	70.2	68.0	64.6	58.9	55.5
87.5°	14.7	13.6	14.7	11.3	13.6	11.3	12.5	12.5	12.5	11.3	11.3
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°	1127.2	1127.2	1127.2	1127.2	1127.2	1127.2	1127.2	1127.2	1127.2	1127.2	1127.2
2.5°	1131.7	1131.7	1131.7	1129.4	1126.1	1119.3	1112.5	1106.8	1101.1	1097.7	1095.4
5°	1148.7	1146.4	1145.3	1144.2	1136.3	1122.6	1110.1	1098.9	1087.5	1078.4	1075.1
7.5°	1179.3	1174.8	1173.6	1170.2	1160.0	1139.6	1121.5	1103.4	1087.5	1075.1	1069.4
10°	1225.8	1225.8	1219.0	1214.4	1203.1	1175.9	1149.9	1126.1	1104.6	1090.9	1087.5
12.5°	1284.7	1284.7	1279.0	1275.5	1262.0	1226.9	1195.2	1166.8	1146.4	1132.8	1131.7
15°	1345.8	1344.7	1340.2	1335.6	1320.9	1283.5	1251.8	1226.9	1209.9	1194.1	1189.5
17.5°	1400.2	1400.2	1394.5	1390.0	1375.3	1343.5	1315.3	1297.1	1277.9	1245.0	1220.1
20°	1454.6	1455.7	1451.2	1446.6	1434.1	1407.0	1394.5	1376.4	1333.4	1262.0	1203.1
22.5°	1514.6	1519.2	1513.5	1508.9	1498.8	1487.5	1482.9	1439.8	1349.2	1234.8	1148.7
25°	1591.6	1599.5	1592.8	1590.5	1584.8	1588.3	1574.6	1475.0	1326.5	1175.9	1068.3
27.5°	1697.0	1697.0	1698.1	1698.1	1695.8	1708.3	1658.5	1476.1	1276.8	1100.0	972.0
30°	1820.5	1827.3	1825.0	1825.0	1834.1	1842.0	1704.9	1451.2	1213.3	1006.0	854.1
32.5°	1968.8	1974.5	1976.8	1966.6	2002.9	1962.1	1722.0	1405.9	1135.1	889.3	713.7
35°	2147.8	2155.8	2161.5	2162.6	2186.4	2066.3	1712.8	1339.0	1023.0	743.2	559.6
37.5°	2381.2	2397.1	2409.6	2415.3	2416.4	2154.7	1687.9	1250.7	876.8	580.0	416.9
40°	2691.6	2708.7	2705.2	2716.6	2652.0	2206.8	1631.3	1122.6	695.5	426.0	321.8
42.5°	2990.7	2992.9	2997.5	2987.3	2855.9	2234.0	1552.0	966.3	521.1	318.3	275.3
45°	3324.9	3305.6	3284.1	3268.3	3043.9	2244.2	1443.3	776.0	368.2	267.4	254.9
47.5°	3638.7	3612.7	3568.5	3523.2	3211.6	2228.3	1303.9	581.1	279.8	244.7	241.3
50°	3946.8	3898.2	3835.8	3783.7	3372.5	2204.5	1149.9	419.2	244.7	233.4	230.0
52.5°	4328.6	4247.0	4165.5	4097.5	3582.1	2167.2	987.8	318.3	230.0	224.3	219.8
55°	4851.9	4738.7	4607.3	4512.1	3866.4	2110.5	818.0	269.6	223.2	218.6	211.8
57.5°	5577.0	5407.1	5258.6	5103.5	4255.0	2052.8	671.8	250.3	222.0	215.3	206.1
60°	6317.9	6114.0	5924.8	5702.7	4651.5	1994.9	569.9	248.1	225.4	215.3	201.7
62.5°	6703.0	6492.3	6264.6	6039.2	4822.5	1859.0	499.5	251.5	233.4	218.6	201.7
65°	6614.6	6357.5	6126.5	5896.5	4624.3	1601.9	422.5	256.0	249.2	232.2	205.0
67°	6170.6	5902.1	5680.1	5460.3	4182.4	1341.3	362.5	260.6	266.2	248.1	211.8
67.5°	6014.3	5745.8	5527.1	5313.1	4052.2	1286.9	347.8	262.8	269.6	252.7	214.1
70°	4986.8	4789.7	4557.4	4392.0	3280.8	952.8	285.5	267.4	290.0	278.7	224.3
72.5°	3588.9	3400.8	3226.3	3134.6	2416.4	666.1	240.2	262.8	302.5	293.4	228.8
75°	1907.7	1896.4	1832.9	1878.2	1495.4	435.0	211.8	245.9	288.8	268.5	212.9
77.5°	385.2	396.5	465.6	458.8	482.6	242.4	181.2	210.7	223.2	197.1	173.3
80°	179.0	175.6	172.2	174.4	171.1	155.2	147.3	165.4	155.2	126.9	115.5
82.5°	111.0	108.7	105.4	104.2	115.5	123.4	129.1	130.2	103.1	88.4	84.9
85°	53.2	53.2	52.1	54.4	68.0	100.8	108.7	96.3	69.1	63.4	60.0
87.5°	10.2	10.2	11.3	10.2	13.6	23.8	27.2	31.7	26.0	27.2	30.6
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°	1127.2	1127.2	1127.2
2.5°	1093.2	1090.9	1090.9
5°	1070.5	1069.4	1069.4
7.5°	1064.8	1066.1	1064.8
10°	1086.4	1085.3	1089.8
12.5°	1134.0	1137.4	1136.3
15°	1183.8	1186.1	1186.1
17.5°	1198.5	1190.6	1189.5
20°	1160.0	1145.3	1141.9
22.5°	1087.5	1060.4	1061.5
25°	995.7	962.9	965.2
27.5°	889.3	854.1	853.0
30°	761.3	722.8	703.5
32.5°	607.2	560.7	560.7
35°	456.6	419.2	405.6
37.5°	346.6	325.1	318.3
40°	288.8	278.7	276.4
42.5°	262.8	259.4	258.3
45°	249.2	247.0	245.9
47.5°	236.7	235.6	234.5
50°	227.7	226.6	225.4
52.5°	219.8	217.5	216.4
55°	208.5	208.5	208.5
57.5°	201.7	201.7	200.6
60°	194.9	193.7	193.7
62.5°	189.2	186.9	188.1
65°	185.8	182.4	182.4
67°	183.5	176.7	176.7
67.5°	183.5	174.4	174.4
70°	180.1	165.4	163.2
72.5°	176.7	155.2	151.8
75°	167.6	147.3	143.9
77.5°	143.9	131.4	129.1
80°	111.0	96.3	98.5
82.5°	80.5	69.1	68.0
85°	57.8	49.9	49.9
87.5°	30.6	26.0	27.2
90°	0.0	0.0	0.0

(END OF REPORT)