

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: P180688

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

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180688
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
Description: ICON SITE MEDIUM 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: 11297.4 lumens
Efficiency: N/A
Efficacy: 116.2 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

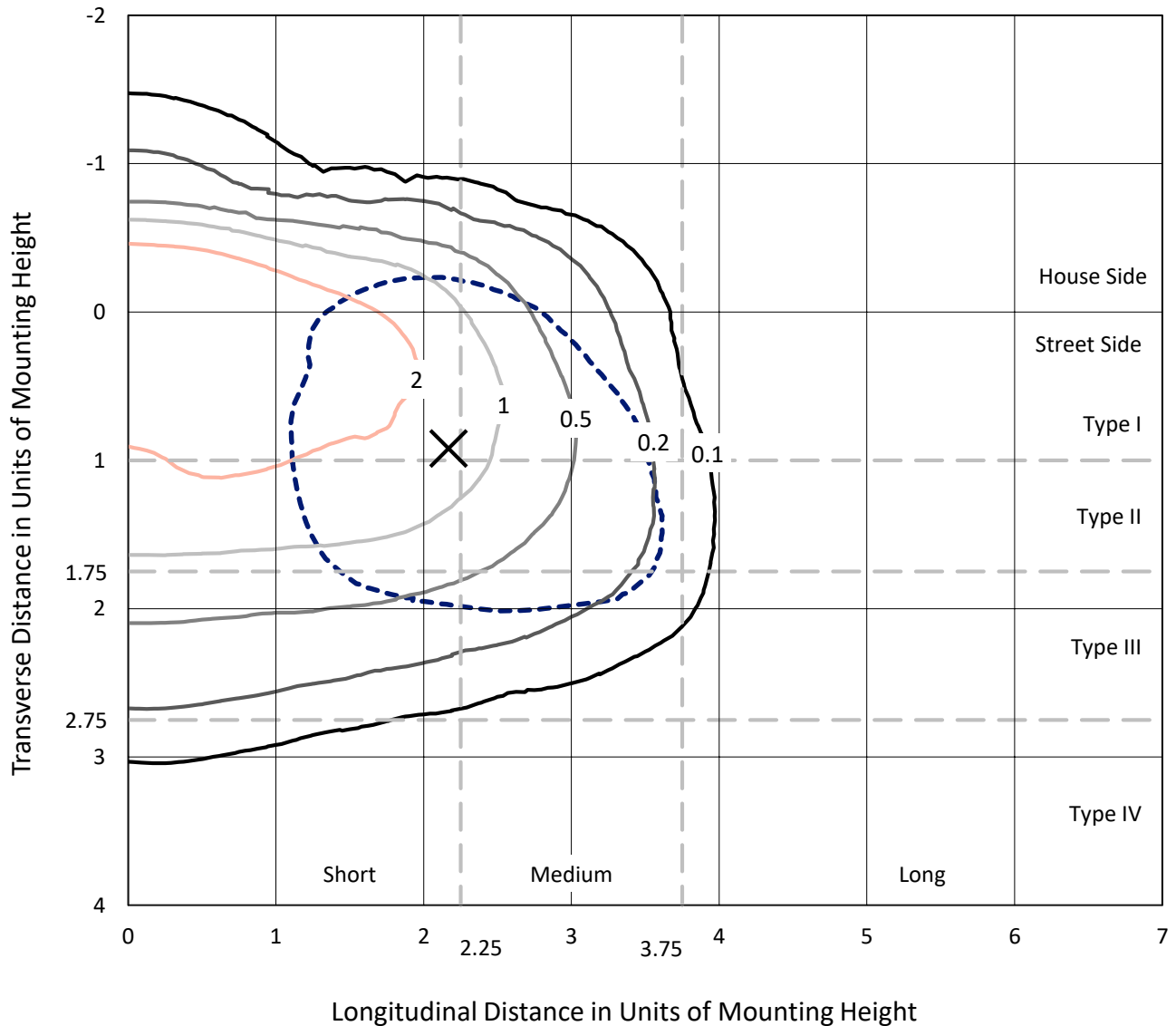
Input Watts (W): 97.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

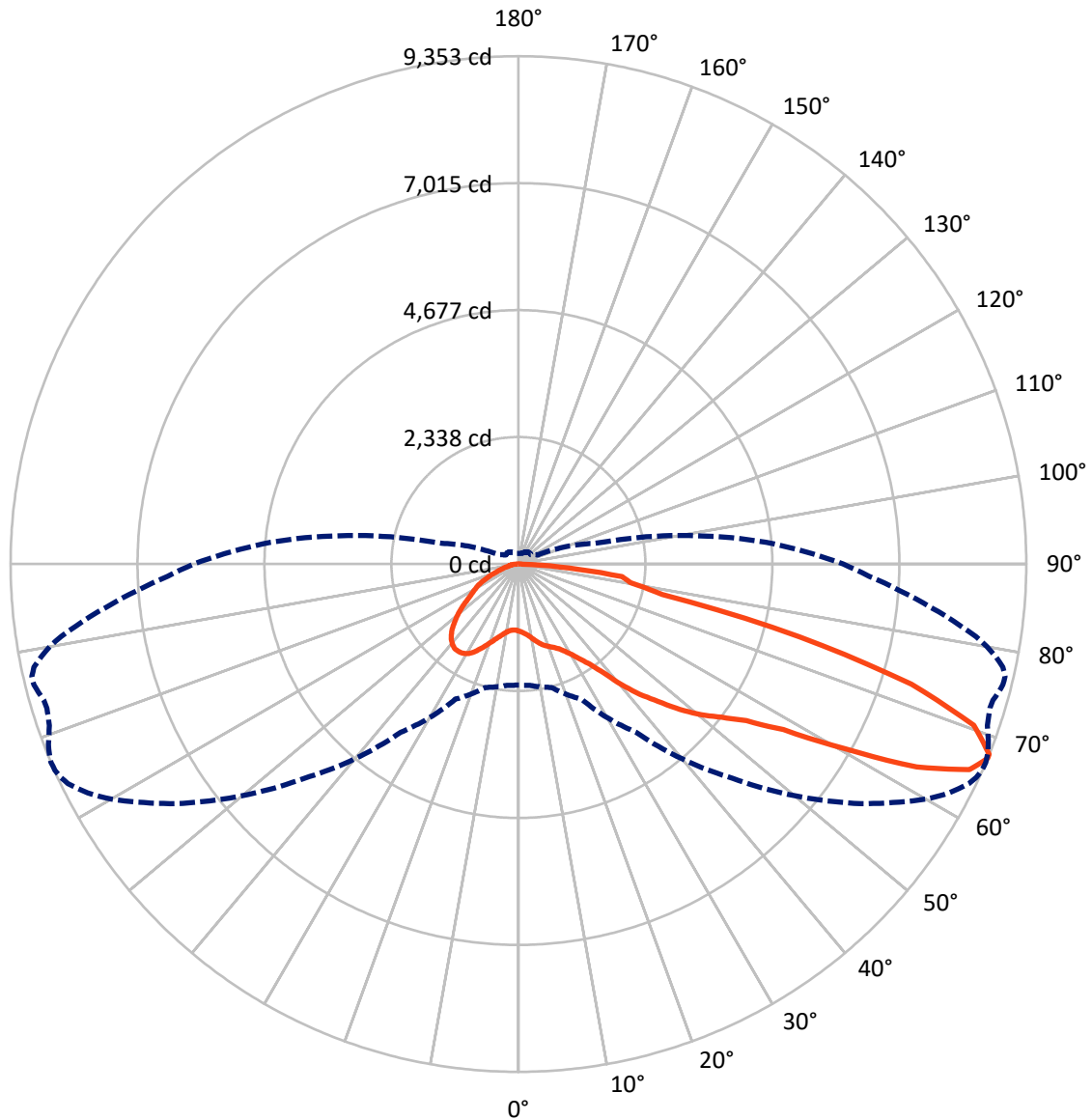
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 4 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
House Side	Lumens	2607.0	0.0	2607.0
	% Fixture	23.1	0.0	23.1
Street Side	Lumens	8690.4	0.0	8690.4
	% Fixture	76.9	0.0	76.9
Total	Lumens	11297.4	0.0	11297.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	122.9	1.1
10°-20°	421.3	3.7
20°-30°	743.9	6.6
30°-40°	1067.8	9.5
40°-50°	1621.8	14.4
50°-60°	2387.8	21.1
60°-70°	3173.3	28.1
70°-80°	1552.5	13.7
80°-90°	206.1	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°	11297.4	100.0
0°-180°	11297.4	100.0



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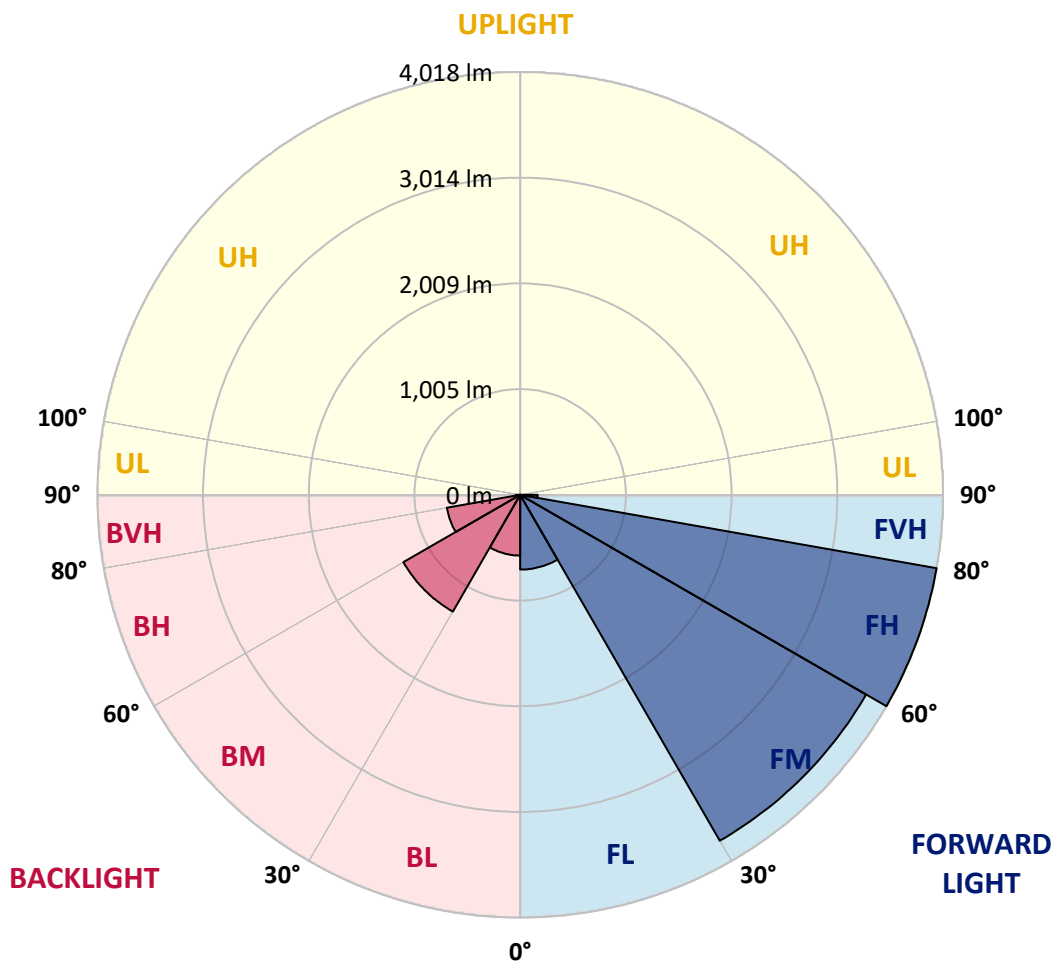
CATALOG NUMBER: ICM-E04-LED-E1-SL3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	710.7	6.3			
FM	(30°-60°)	3795.7	33.6			
FH	(60°-80°)	4018.4	35.6			G2/5000
FVH	(80°-90°)	165.6	1.5			G2/225
BL	(0°-30°)	577.4	5.1	B2/1000		
BM	(30°-60°)	1281.7	11.3	B2/2500		
BH	(60°-80°)	707.4	6.3	B2/1000		G2/1000
BVH	(80°-90°)	40.6	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°	1234.1	1234.1	1234.1	1234.1	1234.1	1234.1	1234.1	1234.1	1234.1	1234.1	1234.1
2.5°	1292.4	1293.7	1291.2	1290.0	1282.5	1275.1	1270.1	1263.9	1263.9	1263.9	1261.4
5°	1365.6	1360.7	1364.4	1355.6	1340.8	1327.2	1313.5	1302.3	1299.8	1299.8	1294.9
7.5°	1453.7	1447.5	1444.9	1432.6	1410.2	1390.4	1363.1	1351.9	1345.8	1343.3	1340.8
10°	1560.3	1560.3	1544.2	1523.1	1493.3	1458.6	1428.8	1409.0	1407.7	1407.7	1396.6
12.5°	1669.5	1671.9	1650.9	1629.8	1581.4	1535.5	1500.8	1478.4	1477.2	1472.3	1466.1
15°	1770.0	1763.7	1750.1	1719.1	1665.8	1611.2	1567.7	1545.4	1540.5	1535.5	1531.8
17.5°	1853.0	1846.8	1829.5	1789.8	1734.0	1669.5	1616.1	1592.6	1590.1	1587.6	1582.6
20°	1905.1	1900.2	1875.4	1829.5	1771.2	1705.4	1648.4	1632.3	1627.3	1627.3	1624.8
22.5°	1934.9	1927.5	1891.5	1830.7	1773.7	1725.3	1678.1	1668.2	1664.5	1665.8	1665.8
25°	1949.8	1943.5	1892.8	1805.9	1751.4	1737.7	1717.9	1711.6	1712.8	1714.2	1716.6
27.5°	1952.3	1943.5	1884.0	1773.7	1722.8	1761.2	1774.9	1784.8	1784.8	1789.8	1798.4
30°	1933.7	1923.7	1866.7	1748.8	1710.4	1808.4	1863.0	1889.0	1898.9	1896.5	1916.3
32.5°	1901.4	1895.2	1849.3	1748.8	1745.1	1901.4	1998.2	2035.4	2040.3	2042.8	2065.1
35°	1890.2	1889.0	1869.1	1808.4	1853.0	2065.1	2212.8	2241.2	2247.5	2247.5	2263.5
37.5°	1887.7	1894.0	1916.3	1920.0	2042.8	2308.2	2501.7	2545.1	2545.1	2557.5	2557.5
40°	1887.7	1901.4	1985.8	2086.2	2274.7	2624.5	2892.4	2942.1	2942.1	2955.6	2948.2
42.5°	1960.9	1980.8	2119.7	2310.7	2567.5	2950.7	3258.3	3314.2	3317.9	3314.2	3325.3
45°	2104.9	2122.2	2290.9	2564.9	2868.9	3300.5	3608.1	3675.1	3661.4	3670.1	3673.8
47.5°	2295.8	2323.1	2515.4	2842.8	3162.8	3624.2	4000.0	4060.8	4055.8	4059.6	4043.5
50°	2499.3	2527.7	2742.3	3118.2	3455.6	3884.7	4315.1	4405.6	4397.0	4403.1	4411.8
52.5°	2679.1	2696.5	2903.6	3325.3	3677.5	4127.7	4557.0	4669.8	4689.6	4692.1	4698.4
55°	2785.8	2806.8	2996.6	3428.2	3838.8	4365.9	4833.5	5004.7	5043.1	5053.1	5080.3
57.5°	2823.0	2845.3	3017.7	3443.1	3926.8	4589.1	5219.3	5520.7	5552.9	5606.3	5693.1
60°	2821.7	2845.3	2995.4	3409.6	4016.1	4865.8	5819.6	6324.4	6488.1	6542.6	6666.7
62.5°	2706.3	2733.7	2886.3	3307.9	4130.3	5219.3	6712.6	7489.1	7699.9	7799.1	7933.1
65°	2453.3	2473.2	2615.8	3050.0	4098.0	5567.8	7459.3	8428.0	8620.2	8765.4	9004.7
67°	2228.9	2241.2	2352.9	2744.9	3783.0	5580.2	7694.9	8661.2	8828.6	8982.4	9229.2
67.5°	2171.8	2197.9	2284.7	2651.8	3665.1	5509.5	7678.8	8625.2	8796.3	8956.3	9216.8
70°	1767.5	1804.7	1848.1	2094.9	2881.2	4635.1	7109.5	8002.6	8152.6	8301.4	8664.9
72.5°	1090.2	1157.2	1165.9	1322.1	1875.4	3203.7	5752.6	6748.6	6861.4	6968.1	7340.2
75°	642.5	652.4	683.4	810.0	1100.2	1915.1	3859.8	5013.3	5117.5	5169.6	5461.1
77.5°	358.4	368.4	394.4	503.5	845.9	1290.0	2247.5	2945.8	3009.0	3074.7	3027.6
80°	148.8	162.5	174.9	203.4	395.6	1018.3	1545.4	1872.8	1913.8	1952.3	2000.7
82.5°	71.9	76.9	94.2	107.9	143.9	418.0	1211.8	1623.5	1671.9	1727.7	1840.7
85°	33.5	37.2	52.1	62.0	69.5	105.4	405.6	790.1	857.0	869.5	891.8
87.5°	2.5	2.5	6.2	8.7	12.4	13.7	42.1	59.5	67.0	60.7	76.9
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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CATALOG NUMBER: ICM-E04-LED-E1-SL3

CANDELA DISTRIBUTION (continued):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1234.1	1234.1	1234.1	1234.1	1234.1	1234.1	1234.1	1234.1	1234.1	1234.1	1234.1
2.5°	1260.2	1258.9	1256.5	1256.5	1255.2	1255.2	1255.2	1252.8	1252.8	1252.8	1251.4
5°	1293.7	1292.4	1288.7	1288.7	1286.2	1286.2	1282.5	1281.2	1278.8	1278.8	1277.5
7.5°	1337.0	1335.8	1330.9	1330.9	1327.2	1325.9	1323.4	1319.7	1319.7	1317.2	1314.7
10°	1396.6	1392.8	1391.6	1385.4	1386.7	1384.2	1381.7	1378.0	1375.5	1373.0	1370.5
12.5°	1463.5	1463.5	1457.4	1453.7	1456.1	1453.7	1448.7	1447.5	1443.7	1443.7	1440.0
15°	1526.8	1526.8	1524.4	1519.4	1520.7	1516.9	1515.6	1513.2	1508.2	1509.5	1508.2
17.5°	1581.4	1581.4	1577.7	1575.2	1575.2	1571.5	1572.8	1570.2	1567.7	1566.5	1562.8
20°	1624.8	1624.8	1622.3	1619.8	1621.1	1621.1	1617.4	1617.4	1617.4	1614.9	1614.9
22.5°	1667.0	1668.2	1668.2	1668.2	1669.5	1670.7	1669.5	1671.9	1670.7	1673.2	1673.2
25°	1722.8	1726.5	1729.0	1729.0	1735.2	1736.5	1737.7	1741.4	1741.4	1745.1	1746.3
27.5°	1805.9	1808.4	1818.3	1820.8	1822.1	1831.9	1833.2	1838.2	1843.1	1844.4	1845.6
30°	1920.0	1926.2	1933.7	1938.6	1938.6	1951.0	1956.0	1953.5	1967.2	1970.9	1975.8
32.5°	2072.6	2077.5	2084.9	2090.0	2094.9	2101.1	2102.3	2108.6	2119.7	2129.6	2123.5
35°	2264.9	2277.2	2264.9	2278.4	2282.2	2290.9	2288.4	2295.8	2300.8	2304.5	2303.3
37.5°	2543.9	2537.7	2535.2	2530.2	2521.6	2551.4	2536.5	2535.2	2527.7	2548.9	2535.2
40°	2911.0	2914.7	2918.4	2898.6	2887.5	2887.5	2883.7	2870.1	2863.9	2882.5	2880.0
42.5°	3294.3	3298.0	3280.7	3268.2	3239.7	3236.0	3218.6	3214.9	3208.7	3218.6	3208.7
45°	3642.8	3645.3	3606.8	3613.0	3590.7	3594.4	3567.2	3578.3	3563.5	3573.3	3591.9
47.5°	4032.3	4037.2	4003.7	4017.4	3995.1	3981.4	3980.2	3987.7	3971.5	3981.4	3986.3
50°	4385.8	4379.6	4362.2	4365.9	4356.0	4358.4	4343.6	4357.2	4338.6	4358.4	4356.0
52.5°	4699.6	4692.1	4688.4	4700.8	4692.1	4692.1	4683.5	4689.6	4692.1	4721.9	4728.1
55°	5080.3	5086.5	5092.8	5115.1	5125.0	5108.9	5125.0	5156.0	5157.2	5227.9	5266.4
57.5°	5691.8	5735.2	5757.5	5771.2	5829.5	5823.3	5860.5	5934.9	5942.4	6106.1	6201.6
60°	6758.5	6835.4	6908.6	6868.9	6986.7	7022.6	7045.0	7184.0	7227.3	7382.4	7465.4
62.5°	8105.4	8114.2	8228.2	8192.3	8259.3	8243.1	8270.5	8333.7	8390.7	8518.5	8596.6
65°	9045.6	9086.6	9131.2	9085.4	9084.1	9029.5	8994.8	8993.5	9028.2	9055.6	9142.4
67°	9301.2	9342.1	9353.3	9319.8	9271.4	9201.9	9137.5	9104.0	9081.6	9094.0	9148.6
67.5°	9298.7	9337.1	9350.8	9318.5	9251.5	9193.3	9125.0	9086.6	9056.8	9063.0	9108.9
70°	8770.3	8853.4	8898.0	8908.0	8899.3	8797.5	8739.3	8704.5	8679.8	8618.9	8615.2
72.5°	7430.7	7531.2	7565.9	7621.7	7646.6	7496.5	7433.3	7471.7	7384.9	7192.6	7201.3
75°	5456.1	5463.6	5347.0	5324.7	5241.6	4901.7	4800.0	4707.0	4558.2	4326.3	4107.9
77.5°	2844.0	2842.8	2708.9	2640.7	2541.4	2336.8	2326.8	2160.7	2044.0	1831.9	1755.1
80°	2020.5	2052.8	2097.4	2119.7	2084.9	2005.6	1896.5	1778.6	1643.5	1510.7	1351.9
82.5°	1879.1	1898.9	1922.5	1835.6	1787.3	1675.6	1592.6	1421.4	1325.9	1174.6	1014.6
85°	914.1	974.9	927.7	873.2	854.6	668.6	646.2	539.5	490.0	403.1	375.8
87.5°	58.3	71.9	64.5	58.3	50.9	28.6	38.4	27.3	28.6	21.1	18.6
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):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1234.1	1234.1	1234.1	1234.1	1234.1	1234.1	1234.1	1234.1	1234.1	1234.1	1234.1
2.5°	1251.4	1250.2	1249.0	1247.7	1246.5	1246.5	1245.3	1244.0	1242.8	1240.3	1240.3
5°	1275.1	1275.1	1273.8	1271.4	1271.4	1268.8	1265.1	1263.9	1263.9	1261.4	1258.9
7.5°	1313.5	1312.3	1309.8	1308.6	1306.1	1303.5	1301.1	1298.6	1297.4	1293.7	1292.4
10°	1371.8	1369.3	1363.1	1360.7	1359.4	1356.9	1354.4	1351.9	1348.2	1345.8	1344.5
12.5°	1437.5	1436.3	1431.4	1433.8	1427.6	1425.1	1422.6	1416.5	1418.9	1414.0	1411.5
15°	1503.3	1504.5	1502.1	1502.1	1497.0	1493.3	1490.9	1485.9	1484.7	1482.1	1479.7
17.5°	1561.6	1564.0	1560.3	1557.9	1555.4	1552.8	1547.9	1543.0	1543.0	1538.0	1535.5
20°	1614.9	1617.4	1616.1	1613.7	1610.0	1608.7	1606.2	1602.5	1602.5	1600.0	1596.3
22.5°	1675.6	1676.9	1676.9	1675.6	1671.9	1673.2	1670.7	1667.0	1668.2	1663.3	1663.3
25°	1748.8	1751.4	1753.8	1755.1	1752.6	1753.8	1751.4	1748.8	1747.6	1748.8	1747.6
27.5°	1849.3	1851.8	1859.3	1853.0	1859.3	1860.5	1856.8	1851.8	1855.5	1861.7	1858.0
30°	1982.1	1979.5	1989.5	1990.7	1989.5	1990.7	1988.2	1984.5	1987.0	1998.2	1991.9
32.5°	2130.9	2135.8	2138.3	2140.8	2144.5	2149.5	2145.8	2142.1	2148.2	2144.5	2153.2
35°	2310.7	2321.9	2325.6	2321.9	2324.4	2333.0	2331.8	2333.0	2345.4	2333.0	2349.1
37.5°	2537.7	2548.9	2557.5	2552.6	2558.8	2558.8	2568.7	2596.0	2578.6	2600.9	2618.3
40°	2867.6	2884.9	2886.3	2884.9	2891.2	2898.6	2908.6	2938.3	2918.4	2942.1	2958.2
42.5°	3207.5	3228.6	3236.0	3223.6	3237.2	3253.3	3254.6	3280.7	3281.9	3285.6	3294.3
45°	3590.7	3609.3	3624.2	3618.0	3619.3	3640.3	3635.4	3660.2	3641.6	3641.6	3646.5
47.5°	3998.8	4016.1	4026.1	4036.0	4023.6	4042.2	4050.9	4045.9	4023.6	4018.6	3988.9
50°	4370.9	4385.8	4400.7	4427.9	4426.7	4435.4	4441.6	4419.3	4414.3	4387.0	4353.5
52.5°	4765.3	4803.8	4837.2	4894.3	4903.0	4932.8	4921.6	4884.4	4878.2	4833.5	4788.9
55°	5314.7	5425.1	5473.5	5561.6	5621.2	5619.8	5595.1	5588.9	5541.7	5452.4	5399.1
57.5°	6271.0	6443.5	6526.6	6640.7	6659.3	6648.1	6615.9	6558.8	6477.0	6326.8	6230.1
60°	7651.5	7758.2	7854.9	7882.2	7895.9	7874.7	7761.9	7635.4	7475.4	7268.2	7095.9
62.5°	8694.7	8803.8	8875.7	8864.5	8778.9	8671.0	8506.1	8294.0	8069.5	7837.5	7579.6
65°	9225.5	9271.4	9260.2	9173.4	9027.0	8838.5	8597.9	8336.1	8072.0	7797.9	7530.0
67°	9197.0	9198.2	9122.6	8953.8	8766.6	8529.6	8235.7	7950.5	7640.3	7352.6	7033.8
67.5°	9146.1	9141.2	9035.7	8850.9	8648.7	8404.4	8099.3	7804.0	7482.8	7192.6	6862.6
70°	8570.6	8501.2	8263.0	7967.8	7686.3	7356.3	7036.3	6697.7	6335.6	6086.3	5706.7
72.5°	7042.6	6808.1	6397.5	6088.7	5787.3	5355.7	5156.0	4735.6	4481.2	4322.5	4036.0
75°	4078.2	3882.2	3564.7	3275.6	3129.3	2873.8	2752.3	2443.5	2378.9	2376.5	2277.2
77.5°	1556.6	1358.1	1153.5	929.0	790.1	627.6	553.2	494.9	450.2	481.2	436.6
80°	1167.2	960.0	750.4	545.8	389.5	287.7	246.8	228.2	217.0	208.4	202.1
82.5°	869.5	685.9	532.1	347.3	243.1	183.5	158.8	148.8	143.9	135.2	127.7
85°	294.0	235.6	186.0	129.0	101.7	83.1	76.9	74.4	70.7	64.5	60.7
87.5°	16.1	14.9	16.1	12.4	14.9	12.4	13.7	13.7	13.7	12.4	12.4
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):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1234.1	1234.1	1234.1	1234.1	1234.1	1234.1	1234.1	1234.1	1234.1	1234.1	1234.1
2.5°	1239.1	1239.1	1239.1	1236.6	1232.8	1225.4	1218.0	1211.8	1205.6	1201.9	1199.4
5°	1257.7	1255.2	1254.0	1252.8	1244.0	1229.1	1215.5	1203.1	1190.7	1180.8	1177.0
7.5°	1291.2	1286.2	1284.9	1281.2	1270.1	1247.7	1227.9	1208.1	1190.7	1177.0	1170.9
10°	1342.1	1342.1	1334.6	1329.6	1317.2	1287.4	1258.9	1232.8	1209.3	1194.4	1190.7
12.5°	1406.5	1406.5	1400.3	1396.6	1381.7	1343.3	1308.6	1277.5	1255.2	1240.3	1239.1
15°	1473.5	1472.3	1467.3	1462.3	1446.2	1405.3	1370.5	1343.3	1324.7	1307.3	1302.3
17.5°	1533.0	1533.0	1526.8	1521.9	1505.8	1471.0	1440.0	1420.2	1399.1	1363.1	1335.8
20°	1592.6	1593.8	1588.8	1583.9	1570.2	1540.5	1526.8	1507.0	1459.8	1381.7	1317.2
22.5°	1658.3	1663.3	1657.0	1652.1	1640.9	1628.6	1623.5	1576.5	1477.2	1351.9	1257.7
25°	1742.6	1751.4	1743.9	1741.4	1735.2	1738.9	1724.0	1614.9	1452.4	1287.4	1169.6
27.5°	1858.0	1858.0	1859.3	1859.3	1856.8	1870.4	1815.8	1616.1	1397.9	1204.4	1064.2
30°	1993.2	2000.7	1998.2	1998.2	2008.1	2016.8	1866.7	1588.8	1328.4	1101.4	935.2
32.5°	2155.6	2161.9	2164.4	2153.2	2192.9	2148.2	1885.3	1539.3	1242.8	973.7	781.4
35°	2351.6	2360.3	2366.5	2367.7	2393.8	2262.3	1875.4	1466.1	1120.0	813.7	612.7
37.5°	2607.2	2624.5	2638.2	2644.4	2645.6	2359.1	1848.1	1369.3	960.0	635.1	456.5
40°	2947.0	2965.6	2961.9	2974.3	2903.6	2416.1	1786.1	1229.1	761.6	466.3	352.3
42.5°	3274.4	3277.0	3281.9	3270.7	3126.8	2445.9	1699.3	1058.0	570.5	348.6	301.4
45°	3640.3	3619.3	3595.6	3578.3	3332.8	2457.0	1580.2	849.6	403.1	292.7	279.1
47.5°	3983.9	3955.4	3907.0	3857.4	3516.3	2439.7	1427.6	636.3	306.3	267.9	264.2
50°	4321.2	4267.9	4199.7	4142.6	3692.4	2413.7	1258.9	458.9	267.9	255.5	251.8
52.5°	4739.3	4650.0	4560.7	4486.3	3921.9	2372.8	1081.6	348.6	251.8	245.6	240.7
55°	5312.3	5188.2	5044.4	4940.2	4233.2	2310.7	895.5	295.2	244.4	239.4	231.9
57.5°	6106.1	5920.0	5757.5	5587.7	4658.6	2247.5	735.5	274.1	243.1	235.6	225.8
60°	6917.3	6694.0	6486.8	6243.8	5092.8	2184.2	623.9	271.6	246.8	235.6	220.7
62.5°	7338.9	7108.2	6858.9	6612.1	5280.0	2035.4	547.0	275.4	255.5	239.4	220.7
65°	7242.2	6960.7	6707.7	6455.9	5063.0	1753.8	462.6	280.3	272.8	254.2	224.5
67°	6756.0	6462.1	6218.9	5978.4	4579.3	1468.6	396.9	285.3	291.4	271.6	231.9
67.5°	6584.9	6290.9	6051.5	5817.1	4436.6	1409.0	380.7	287.7	295.2	276.6	234.4
70°	5459.8	5244.0	4989.8	4808.7	3591.9	1043.1	312.6	292.7	317.5	305.1	245.6
72.5°	3929.3	3723.5	3532.4	3431.9	2645.6	729.3	263.0	287.7	331.2	321.2	250.5
75°	2088.7	2076.3	2006.8	2056.5	1637.2	476.3	231.9	269.1	316.3	294.0	233.2
77.5°	421.7	434.1	509.8	502.3	528.4	265.4	198.4	230.7	244.4	215.8	189.8
80°	196.0	192.3	188.6	191.0	187.3	170.0	161.2	181.1	170.0	138.9	126.5
82.5°	121.6	119.1	115.3	114.1	126.5	135.2	141.4	142.6	112.8	96.7	93.0
85°	58.3	58.3	57.0	59.5	74.4	110.4	119.1	105.4	75.6	69.5	65.8
87.5°	11.2	11.2	12.4	11.2	14.9	26.0	29.8	34.7	28.6	29.8	33.5
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):

	165°	175°	180°
0°	1234.1	1234.1	1234.1
2.5°	1196.9	1194.4	1194.4
5°	1172.1	1170.9	1170.9
7.5°	1165.9	1167.2	1165.9
10°	1189.5	1188.2	1193.2
12.5°	1241.6	1245.3	1244.0
15°	1296.1	1298.6	1298.6
17.5°	1312.3	1303.5	1302.3
20°	1270.1	1254.0	1250.2
22.5°	1190.7	1160.9	1162.1
25°	1090.2	1054.2	1056.8
27.5°	973.7	935.2	934.0
30°	833.5	791.4	770.2
32.5°	664.8	614.0	614.0
35°	499.8	458.9	444.0
37.5°	379.5	356.0	348.6
40°	316.3	305.1	302.6
42.5°	287.7	284.0	282.8
45°	272.8	270.4	269.1
47.5°	259.3	258.0	256.7
50°	249.3	248.1	246.8
52.5°	240.7	238.1	236.9
55°	228.2	228.2	228.2
57.5°	220.7	220.7	219.5
60°	213.3	212.1	212.1
62.5°	207.2	204.7	205.9
65°	203.4	199.7	199.7
67°	200.9	193.5	193.5
67.5°	200.9	191.0	191.0
70°	197.2	181.1	178.6
72.5°	193.5	170.0	166.2
75°	183.5	161.2	157.5
77.5°	157.5	143.9	141.4
80°	121.6	105.4	107.9
82.5°	88.1	75.6	74.4
85°	63.3	54.6	54.6
87.5°	33.5	28.6	29.8
90°	0.0	0.0	0.0

(END OF REPORT)