

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: P180488

Luminaire Tested: **ICM-E04-LED-E1-SL2**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180488
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33678)
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-SL2
Description: ICON SITE MEDIUM LED LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (84) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11367.9 lumens
Efficiency: N/A
Efficacy: 117.0 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.67' x L: 1' x H: 0.1')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B2 - U0 - G2

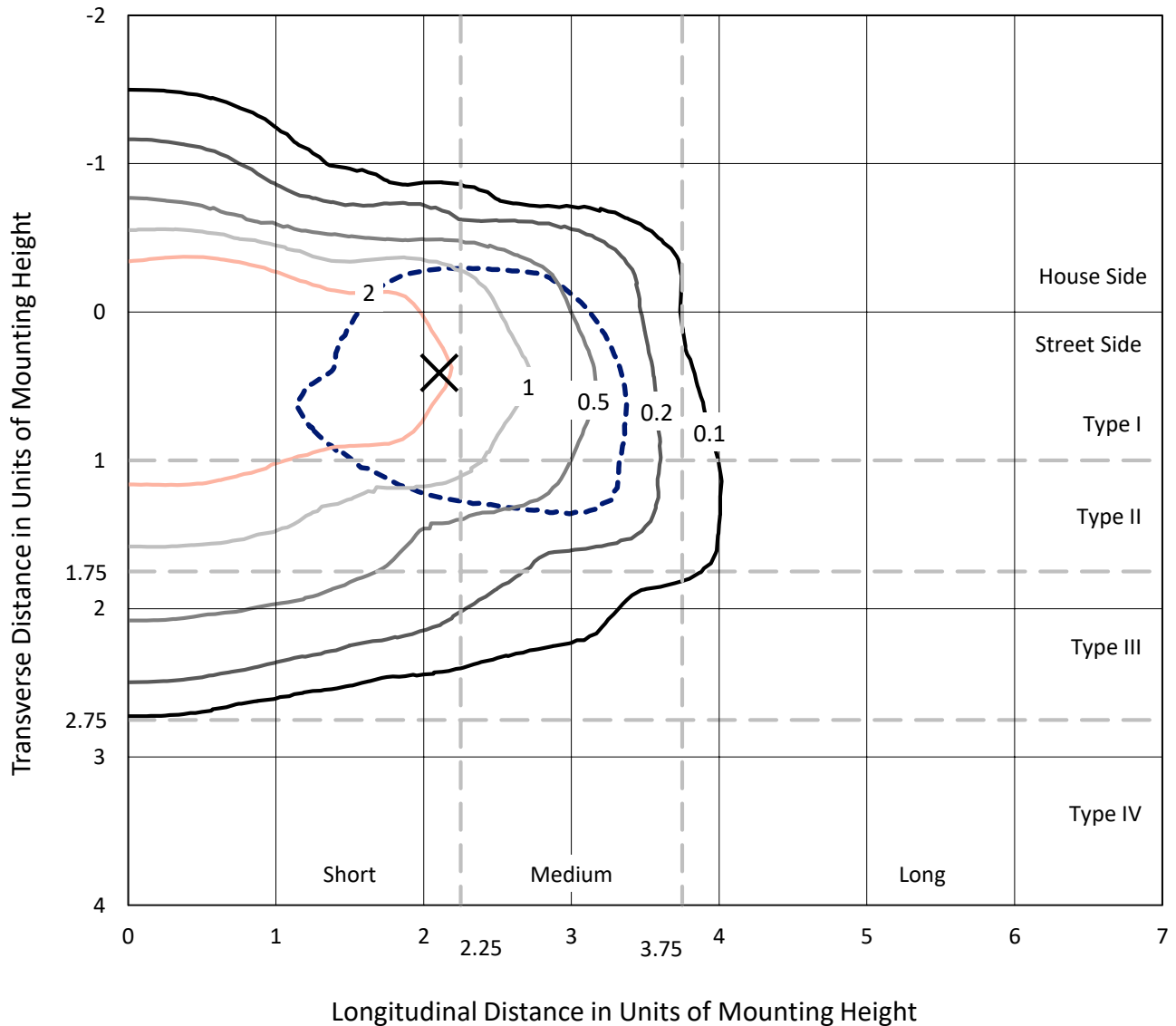
Input Watts (W): 97.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

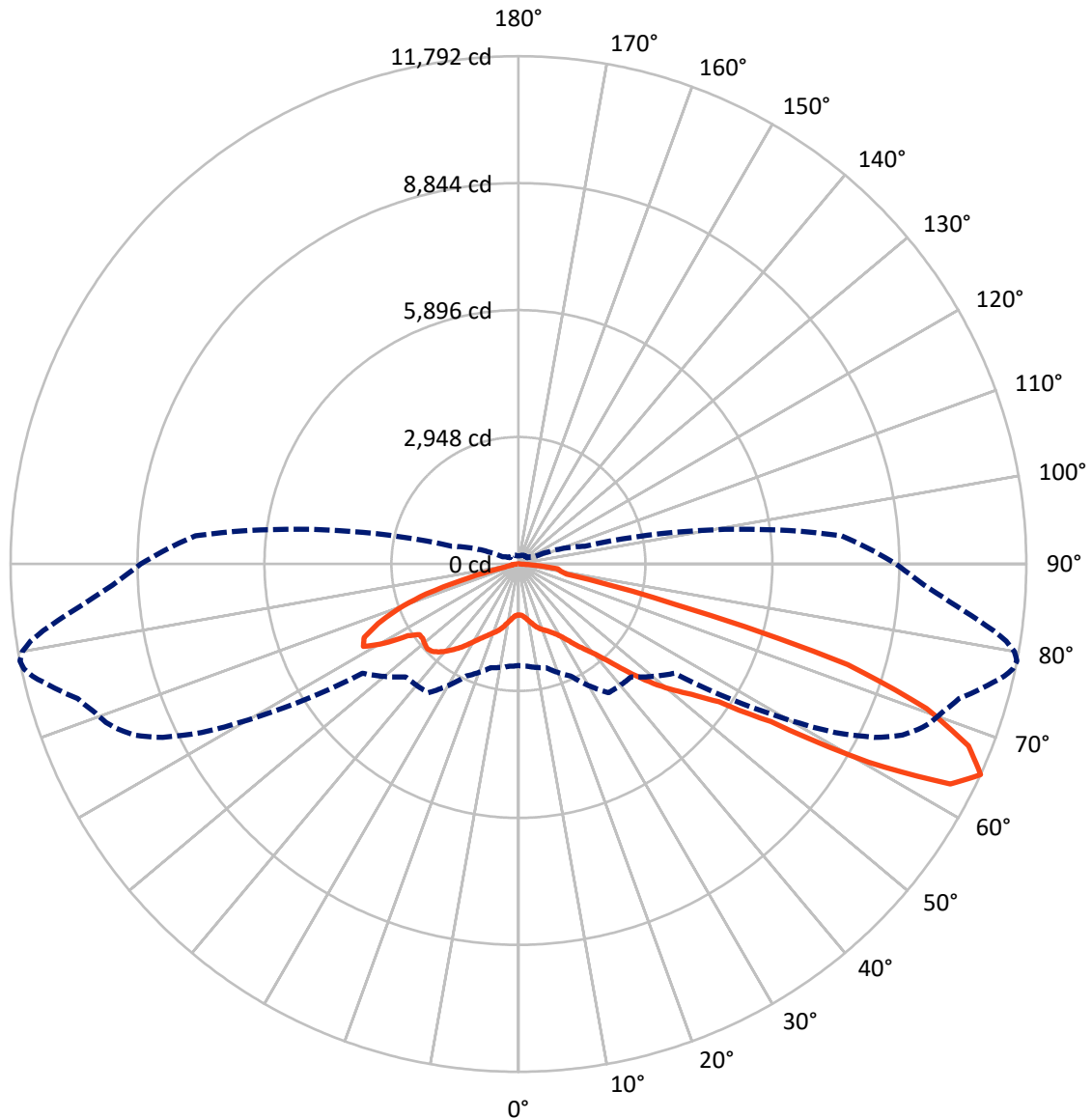
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 3.9 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 79-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2687.3	0.0	2687.3
	% Fixture	23.6	0.0	23.6
Street Side	Lumens	8680.5	0.0	8680.5
	% Fixture	76.4	0.0	76.4
Total	Lumens	11367.9	0.0	11367.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	117.6	1.0
10°-20°	384.6	3.4
20°-30°	664.3	5.8
30°-40°	1099.6	9.7
40°-50°	1864.9	16.4
50°-60°	2477.9	21.8
60°-70°	3200.8	28.2
70°-80°	1342.4	11.8
80°-90°	215.6	1.9
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°	11367.9	100.0
0°-180°	11367.9	100.0



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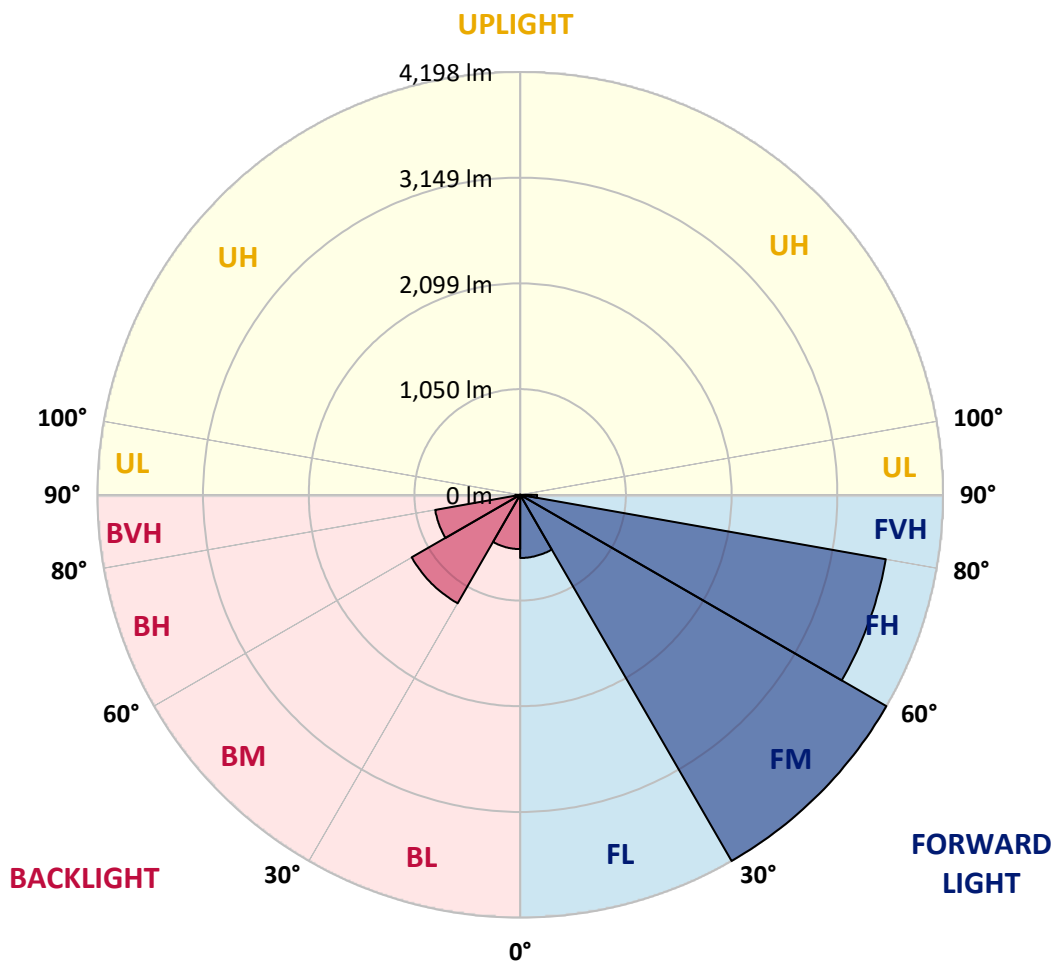
CATALOG NUMBER: ICM-E04-LED-E1-SL2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	627.2	5.5			
FM (30°-60°)	4198.5	36.9			
FH (60°-80°)	3686.2	32.4			G2/5000
FVH (80°-90°)	168.6	1.5			G2/225
BL (0°-30°)	539.3	4.7	B2/1000		
BM (30°-60°)	1244.0	10.9	B2/2500		
BH (60°-80°)	857.1	7.5	B2/1000		G2/1000
BVH (80°-90°)	47.0	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 II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1183.3	1183.3	1183.3	1183.3	1183.3	1183.3	1183.3	1183.3	1183.3	1183.3	1183.3
2.5°	1179.5	1183.3	1180.8	1183.3	1185.8	1187.0	1189.5	1188.2	1188.2	1189.5	1187.0
5°	1179.5	1179.5	1183.3	1189.5	1191.9	1199.4	1208.1	1206.8	1208.1	1206.8	1209.3
7.5°	1204.4	1203.1	1206.8	1214.2	1216.8	1227.9	1242.8	1245.3	1247.7	1247.7	1251.4
10°	1247.7	1246.5	1250.2	1254.0	1257.7	1266.3	1287.4	1296.1	1297.4	1298.6	1303.5
12.5°	1302.3	1301.1	1296.1	1296.1	1294.9	1311.0	1339.5	1355.6	1358.1	1363.1	1366.8
15°	1340.8	1337.0	1329.6	1324.7	1330.9	1356.9	1399.1	1417.7	1420.2	1423.9	1433.8
17.5°	1378.0	1374.2	1358.1	1345.8	1354.4	1396.6	1453.7	1473.5	1478.4	1482.1	1493.3
20°	1430.1	1427.6	1404.0	1374.2	1371.8	1426.3	1495.8	1521.9	1525.6	1530.5	1541.7
22.5°	1509.5	1498.3	1471.0	1415.2	1387.9	1443.7	1525.6	1561.6	1566.5	1571.5	1586.3
25°	1608.7	1603.7	1556.6	1471.0	1414.0	1461.1	1557.9	1602.5	1610.0	1616.1	1636.0
27.5°	1711.6	1704.2	1653.3	1541.7	1459.8	1495.8	1608.7	1659.5	1669.5	1679.4	1698.0
30°	1803.5	1800.9	1758.8	1637.2	1534.2	1561.6	1690.5	1752.6	1763.7	1776.1	1793.5
32.5°	2019.3	2020.5	1977.0	1853.0	1714.2	1680.7	1808.4	1901.4	1906.3	1921.2	1952.3
35°	2432.3	2437.2	2421.1	2323.1	2166.8	2029.1	2041.6	2133.3	2138.3	2150.7	2180.5
37.5°	2708.9	2718.8	2768.4	2799.4	2720.0	2656.8	2499.3	2463.3	2467.0	2459.5	2453.3
40°	2861.4	2876.3	3006.5	3167.7	3254.6	3255.8	3187.6	3028.9	2968.1	2950.7	2876.3
42.5°	2948.2	2973.0	3157.9	3433.2	3682.5	3853.7	3895.8	3719.7	3675.1	3595.6	3453.0
45°	3005.3	3035.1	3253.3	3630.4	3997.5	4289.0	4508.6	4430.4	4400.7	4352.3	4220.8
47.5°	2995.4	3018.9	3245.9	3697.4	4162.5	4576.8	4966.3	5046.8	5010.9	4998.4	4909.1
50°	2814.2	2835.4	3066.1	3531.2	4071.9	4685.9	5256.5	5484.7	5484.7	5508.2	5481.0
52.5°	2620.8	2638.2	2847.7	3265.8	3779.3	4579.3	5417.7	5796.0	5845.6	5886.5	5951.0
55°	2547.6	2568.7	2727.5	3084.7	3530.0	4274.2	5472.3	6029.2	6121.0	6190.5	6336.8
57.5°	2582.3	2603.5	2716.3	2986.7	3383.6	3962.8	5474.7	6343.0	6520.3	6663.0	6959.4
60°	2732.4	2752.3	2846.5	3077.2	3345.1	3783.0	5369.3	6842.8	7125.6	7393.5	7887.2
62.5°	2663.0	2687.7	2825.4	3227.3	3631.7	3646.5	4988.6	7229.8	7685.0	8080.7	8865.8
65°	2359.1	2385.1	2493.0	2868.9	3649.0	3706.1	4424.2	7237.3	7802.8	8337.4	9184.5
67.5°	1791.0	1800.9	1886.5	2187.9	2918.4	3771.8	3843.7	6380.2	6918.5	7515.1	8389.5
70°	915.4	932.7	957.5	1208.1	1879.1	3116.9	3303.0	4702.1	5387.9	6004.4	7054.9
72.5°	317.5	323.7	348.6	461.4	915.4	2045.3	2891.2	3222.3	3636.6	4213.3	5430.1
75°	191.0	191.0	199.7	233.2	418.0	1065.4	2572.4	2631.9	2687.7	2881.2	3677.5
77.5°	151.3	153.8	153.8	160.0	231.9	547.0	1953.5	2447.2	2454.6	2473.2	2607.2
80°	107.9	112.8	122.8	127.7	150.0	300.2	1096.5	2148.2	2294.6	2365.3	2463.3
82.5°	80.7	85.6	104.2	110.4	116.6	167.4	492.4	1482.1	1748.8	1890.2	2235.1
85°	36.0	42.1	70.7	78.1	81.9	89.3	230.7	421.7	484.9	544.5	718.1
87.5°	6.2	6.2	11.2	16.1	23.5	22.3	50.9	71.9	73.2	85.6	95.5
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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CATALOG NUMBER: ICM-E04-LED-E1-SL2

CANDELA DISTRIBUTION (continued):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1183.3	1183.3	1183.3	1183.3	1183.3	1183.3	1183.3	1183.3	1183.3	1183.3	1183.3
2.5°	1187.0	1187.0	1187.0	1185.8	1187.0	1187.0	1187.0	1187.0	1188.2	1188.2	1188.2
5°	1213.0	1210.5	1211.8	1211.8	1211.8	1210.5	1213.0	1211.8	1213.0	1216.8	1215.5
7.5°	1251.4	1254.0	1255.2	1256.5	1256.5	1256.5	1257.7	1260.2	1260.2	1263.9	1262.6
10°	1308.6	1307.3	1308.6	1312.3	1316.0	1317.2	1320.9	1319.7	1322.1	1327.2	1332.1
12.5°	1369.3	1371.8	1375.5	1379.3	1385.4	1386.7	1390.4	1391.6	1399.1	1399.1	1404.0
15°	1437.5	1438.8	1446.2	1447.5	1454.9	1457.4	1463.5	1466.1	1474.7	1476.0	1480.9
17.5°	1499.5	1502.1	1505.8	1509.5	1518.1	1521.9	1526.8	1531.8	1539.3	1541.7	1550.4
20°	1549.1	1554.1	1555.4	1562.8	1570.2	1575.2	1580.2	1585.1	1592.6	1596.3	1604.9
22.5°	1593.8	1598.8	1602.5	1608.7	1613.7	1621.1	1623.5	1632.3	1639.7	1645.9	1653.3
25°	1642.1	1649.6	1653.3	1664.5	1668.2	1675.6	1681.9	1690.5	1700.5	1707.9	1717.9
27.5°	1710.4	1721.6	1726.5	1738.9	1747.6	1751.4	1761.2	1773.7	1782.3	1791.0	1800.9
30°	1804.7	1825.8	1829.5	1838.2	1854.2	1856.8	1869.1	1879.1	1892.8	1901.4	1910.1
32.5°	1951.0	1977.0	1979.5	1989.5	2003.1	2008.1	2018.0	2029.1	2050.2	2054.0	2067.6
35°	2175.5	2186.7	2196.6	2200.3	2211.5	2217.7	2225.1	2237.5	2258.6	2256.1	2271.0
37.5°	2444.7	2448.4	2449.6	2437.2	2439.7	2428.6	2442.2	2444.7	2452.1	2458.3	2473.2
40°	2829.1	2790.7	2785.8	2756.0	2726.2	2710.1	2703.9	2679.1	2685.3	2687.7	2700.2
42.5°	3391.0	3316.6	3254.6	3212.4	3139.3	3103.3	3054.9	3016.5	2986.7	2997.9	3002.8
45°	4103.0	3996.3	3897.0	3768.1	3672.6	3604.4	3518.8	3441.9	3407.2	3391.0	3410.9
47.5°	4813.7	4719.4	4602.8	4470.1	4318.8	4205.9	4063.3	3938.0	3851.2	3818.9	3836.3
50°	5427.7	5340.8	5252.8	5174.6	4998.4	4875.7	4681.0	4518.4	4382.1	4312.6	4294.0
52.5°	5937.4	5891.5	5844.4	5778.6	5637.2	5514.5	5359.4	5199.4	5018.4	4877.0	4828.6
55°	6392.6	6419.9	6396.3	6397.5	6341.7	6263.6	6132.1	6013.1	5886.5	5726.5	5659.6
57.5°	7056.1	7217.4	7249.6	7330.3	7370.0	7412.1	7449.3	7378.6	7346.4	7227.3	7228.6
60°	8101.7	8337.4	8542.1	8728.1	8880.7	9029.5	9185.8	9255.2	9332.2	9368.2	9490.9
62.5°	9214.3	9438.8	9744.0	9993.3	10133.4	10326.9	10496.8	10607.2	10742.4	10886.3	11073.6
65°	9489.6	9760.1	9952.3	10118.5	10257.5	10360.3	10453.4	10584.9	10697.7	10925.9	11146.8
67.5°	8784.0	8999.8	9175.9	9339.6	9447.5	9534.3	9617.5	9704.2	9897.7	10104.9	10326.9
70°	7539.9	7800.3	8091.9	8304.0	8357.3	8431.7	8511.0	8624.0	8720.7	8937.7	9106.4
72.5°	6057.7	6432.3	6679.1	6973.1	7036.3	7149.2	7193.8	7281.9	7299.3	7417.1	7461.7
75°	4222.1	4651.2	4899.3	5115.1	5157.2	5095.2	5120.0	4808.7	4729.3	4664.9	4612.8
77.5°	2787.0	2902.3	2942.1	2907.3	2741.1	2610.9	2471.9	2335.5	2350.4	2240.0	2046.5
80°	2478.2	2504.2	2468.2	2433.5	2338.0	2201.6	2076.3	1948.6	1885.3	1818.3	1719.1
82.5°	2411.2	2511.6	2522.8	2480.7	2404.9	2256.1	2104.9	1915.1	1753.8	1604.9	1453.7
85°	806.2	981.1	1059.3	1132.4	1154.7	1180.8	1091.4	970.0	823.5	725.6	568.1
87.5°	103.0	127.7	147.6	126.5	147.6	173.7	125.3	140.2	141.4	88.1	65.8
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):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1183.3	1183.3	1183.3	1183.3	1183.3	1183.3	1183.3	1183.3	1183.3	1183.3	1183.3
2.5°	1189.5	1188.2	1188.2	1188.2	1187.0	1188.2	1188.2	1188.2	1188.2	1188.2	1187.0
5°	1216.8	1216.8	1220.5	1221.7	1219.3	1218.0	1219.3	1220.5	1220.5	1219.3	1220.5
7.5°	1267.6	1268.8	1271.4	1275.1	1272.6	1273.8	1275.1	1273.8	1277.5	1278.8	1277.5
10°	1332.1	1334.6	1340.8	1342.1	1340.8	1345.8	1347.0	1344.5	1347.0	1347.0	1351.9
12.5°	1406.5	1409.0	1416.5	1418.9	1421.4	1422.6	1426.3	1427.6	1431.4	1433.8	1437.5
15°	1487.2	1489.6	1494.6	1503.3	1505.8	1508.2	1510.7	1518.1	1519.4	1524.4	1528.1
17.5°	1555.4	1559.1	1566.5	1572.8	1576.5	1582.6	1585.1	1593.8	1596.3	1603.7	1610.0
20°	1610.0	1616.1	1622.3	1629.8	1636.0	1643.5	1645.9	1654.6	1659.5	1663.3	1670.7
22.5°	1659.5	1667.0	1675.6	1684.4	1689.3	1699.3	1703.0	1706.7	1717.9	1722.8	1730.2
25°	1724.0	1731.5	1741.4	1752.6	1757.5	1770.0	1773.7	1779.8	1792.3	1797.2	1808.4
27.5°	1812.1	1822.1	1829.5	1840.7	1846.8	1855.5	1864.2	1871.6	1882.8	1890.2	1902.6
30°	1922.5	1930.0	1942.3	1951.0	1960.9	1973.3	1983.3	1990.7	1996.9	2008.1	2021.7
32.5°	2084.9	2086.2	2090.0	2111.0	2120.9	2130.9	2144.5	2150.7	2160.7	2171.8	2186.7
35°	2287.2	2298.3	2307.0	2316.9	2328.1	2339.3	2344.2	2362.8	2371.5	2386.3	2401.2
37.5°	2488.1	2489.3	2509.1	2515.4	2525.3	2536.5	2553.8	2572.4	2594.7	2609.6	2633.2
40°	2703.9	2713.8	2738.6	2751.0	2763.5	2790.7	2804.4	2834.2	2871.4	2892.4	2932.1
42.5°	3016.5	3031.4	3076.0	3095.8	3125.6	3170.3	3198.8	3239.7	3254.6	3305.4	3324.0
45°	3425.8	3471.6	3536.1	3578.3	3631.7	3680.0	3704.9	3723.5	3745.8	3785.4	3780.5
47.5°	3868.6	3928.1	4000.0	4086.8	4121.6	4178.6	4210.9	4246.8	4227.0	4217.0	4207.2
50°	4322.5	4391.9	4487.5	4565.6	4618.9	4653.7	4681.0	4676.0	4633.8	4611.5	4549.5
52.5°	4827.3	4868.2	4958.8	5025.8	5058.0	5065.4	5059.3	5022.1	4982.4	4911.7	4838.4
55°	5601.2	5582.6	5618.6	5649.6	5639.8	5674.5	5585.2	5550.5	5452.4	5360.7	5262.6
57.5°	7174.0	7198.8	6997.9	6907.3	6891.2	6923.5	6765.9	6746.1	6509.2	6479.4	6314.5
60°	9473.5	9595.1	9437.5	9349.5	9111.4	9033.3	8857.1	8784.0	8557.0	8373.4	8141.4
62.5°	11202.6	11312.9	11378.7	11253.4	11114.5	10909.8	10643.1	10348.0	10107.3	9825.8	9580.2
65°	11358.9	11582.1	11733.4	11791.7	11693.7	11469.2	11140.5	10768.4	10400.1	10046.6	9736.5
67.5°	10628.3	10828.0	11062.4	11272.0	11284.4	11138.0	10857.7	10479.4	10054.0	9617.5	9254.0
70°	9373.1	9623.6	9828.2	10049.1	10202.9	10118.5	9978.4	9631.0	9189.5	8849.6	8431.7
72.5°	7623.0	7728.4	7778.0	7995.1	7997.5	7843.8	7744.5	7552.3	7196.3	6955.7	6637.0
75°	4451.5	4219.6	3972.8	3758.2	3583.3	3510.1	3185.1	3130.5	2912.3	2777.0	2578.6
77.5°	1835.6	1628.6	1361.9	1139.8	920.3	821.1	677.2	614.0	532.1	496.1	472.6
80°	1574.0	1378.0	1177.0	984.8	813.7	642.5	499.8	388.2	305.1	259.3	240.7
82.5°	1284.9	1167.2	1027.0	922.8	788.8	661.1	558.1	432.8	323.7	238.1	182.3
85°	463.9	380.7	306.3	281.6	224.5	184.8	155.1	132.7	109.1	86.8	76.9
87.5°	52.1	49.6	28.6	27.3	31.0	22.3	26.0	23.5	19.8	17.4	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):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1183.3	1183.3	1183.3	1183.3	1183.3	1183.3	1183.3	1183.3	1183.3	1183.3	1183.3
2.5°	1187.0	1187.0	1188.2	1188.2	1189.5	1190.7	1193.2	1191.9	1191.9	1193.2	1193.2
5°	1220.5	1224.2	1223.0	1223.0	1223.0	1224.2	1225.4	1220.5	1215.5	1210.5	1208.1
7.5°	1278.8	1281.2	1283.7	1281.2	1283.7	1282.5	1280.0	1266.3	1250.2	1230.4	1216.8
10°	1354.4	1354.4	1356.9	1355.6	1360.7	1356.9	1349.5	1318.4	1283.7	1241.6	1210.5
12.5°	1436.3	1444.9	1441.2	1442.5	1452.4	1442.5	1425.1	1379.3	1317.2	1249.0	1194.4
15°	1533.0	1536.8	1539.3	1535.5	1541.7	1533.0	1502.1	1428.8	1338.3	1242.8	1162.1
17.5°	1612.4	1613.7	1614.9	1617.4	1626.1	1616.1	1562.8	1463.5	1343.3	1214.2	1107.6
20°	1674.4	1680.7	1685.6	1685.6	1698.0	1683.1	1612.4	1480.9	1327.2	1167.2	1038.1
22.5°	1738.9	1743.9	1750.1	1751.4	1767.5	1752.6	1653.3	1477.2	1284.9	1100.2	957.5
25°	1818.3	1823.3	1828.2	1834.4	1856.8	1835.6	1694.2	1462.3	1226.7	1020.8	870.7
27.5°	1910.1	1921.2	1924.9	1934.9	1960.9	1928.7	1729.0	1440.0	1162.1	929.0	778.9
30°	2032.8	2046.5	2051.5	2065.1	2101.1	2030.4	1748.8	1401.6	1080.3	836.0	680.9
32.5°	2197.9	2216.5	2231.4	2246.2	2287.2	2132.1	1751.4	1345.8	984.8	731.8	586.7
35°	2413.7	2442.2	2453.3	2463.3	2501.7	2242.5	1740.2	1262.6	868.2	625.1	512.3
37.5°	2655.6	2684.0	2691.5	2696.5	2703.9	2336.8	1712.8	1136.1	736.7	532.1	452.7
40°	2953.2	2978.0	2987.9	2980.5	2940.8	2410.0	1652.1	988.6	609.0	468.8	415.5
42.5°	3316.6	3353.8	3357.5	3324.0	3192.6	2450.9	1530.5	814.9	508.6	423.0	387.0
45°	3766.8	3764.4	3743.3	3719.7	3466.7	2434.7	1360.7	663.5	445.3	387.0	360.9
47.5°	4171.2	4129.0	4096.8	4027.3	3708.6	2340.5	1141.1	549.5	406.8	359.7	338.6
50°	4502.4	4425.4	4357.2	4281.6	3888.4	2173.0	922.8	466.3	370.9	336.1	317.5
52.5°	4764.0	4671.0	4591.7	4517.2	4062.1	1987.0	756.6	405.6	336.1	312.6	294.0
55°	5173.3	5080.3	4953.8	4871.9	4327.5	1815.8	648.7	357.2	302.6	287.7	269.1
57.5°	6209.1	6127.2	5975.9	5763.8	5009.6	1751.4	587.9	320.0	275.4	266.7	251.8
60°	8017.4	7884.7	7687.5	7471.7	6396.3	1794.7	539.5	294.0	256.7	249.3	238.1
62.5°	9381.7	9148.6	8925.4	8725.6	7505.2	1793.5	476.3	274.1	243.1	239.4	228.2
65°	9437.5	9200.7	8976.1	8766.6	7530.0	1596.3	401.9	256.7	240.7	239.4	220.7
67.5°	8936.5	8679.8	8462.7	8198.5	6970.6	1247.7	322.5	245.6	250.5	248.1	218.3
70°	8117.9	7783.0	7604.4	7344.0	6134.6	873.2	265.4	249.3	271.6	264.2	222.0
72.5°	6371.5	6118.5	5846.8	5665.8	4802.5	551.9	223.3	251.8	280.3	267.9	231.9
75°	2371.5	2439.7	2328.1	2288.4	2439.7	323.7	198.4	234.4	250.5	231.9	210.9
77.5°	478.8	457.7	434.1	429.1	554.4	199.7	182.3	203.4	192.3	170.0	171.2
80°	229.5	223.3	215.8	214.6	205.9	166.2	168.7	173.7	145.1	131.4	140.2
82.5°	152.6	143.9	141.4	136.5	138.9	148.8	160.0	148.8	111.6	104.2	126.5
85°	70.7	68.2	67.0	67.0	74.4	134.0	132.7	109.1	76.9	74.4	126.5
87.5°	17.4	17.4	18.6	17.4	19.8	39.7	34.7	33.5	28.6	32.3	59.5
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°	1183.3	1183.3	1183.3
2.5°	1191.9	1193.2	1191.9
5°	1203.1	1203.1	1203.1
7.5°	1203.1	1199.4	1198.1
10°	1185.8	1174.6	1174.6
12.5°	1156.0	1137.4	1134.9
15°	1100.2	1075.4	1071.6
17.5°	1029.5	996.0	989.8
20°	950.1	907.9	900.5
22.5°	863.3	814.9	811.2
25°	777.7	728.1	718.1
27.5°	682.1	633.8	628.8
30°	586.7	544.5	542.0
32.5°	506.0	480.0	475.1
35°	449.0	434.1	427.9
37.5°	411.8	400.7	399.4
40°	383.3	373.3	372.1
42.5°	359.7	351.0	349.8
45°	336.1	328.7	326.2
47.5°	312.6	305.1	303.9
50°	291.4	281.6	280.3
52.5°	271.6	261.7	259.3
55°	253.0	243.1	243.1
57.5°	236.9	227.0	225.8
60°	222.0	212.1	210.9
62.5°	210.9	198.4	197.2
65°	202.1	189.8	187.3
67.5°	197.2	182.3	178.6
70°	205.9	178.6	172.4
72.5°	207.2	174.9	166.2
75°	199.7	164.9	158.8
77.5°	174.9	147.6	141.4
80°	151.3	114.1	105.4
82.5°	143.9	93.0	80.7
85°	111.6	60.7	57.0
87.5°	63.3	33.5	27.3
90°	0.0	0.0	0.0

(END OF REPORT)