

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: P180686

Luminaire Tested: **ICM-E04-LED-E1-SL3-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180686
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-SL3-8030
Description: ICON SITE MEDIUM LED LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (84) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9534.9 lumens
Efficiency: N/A
Efficacy: 98.1 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

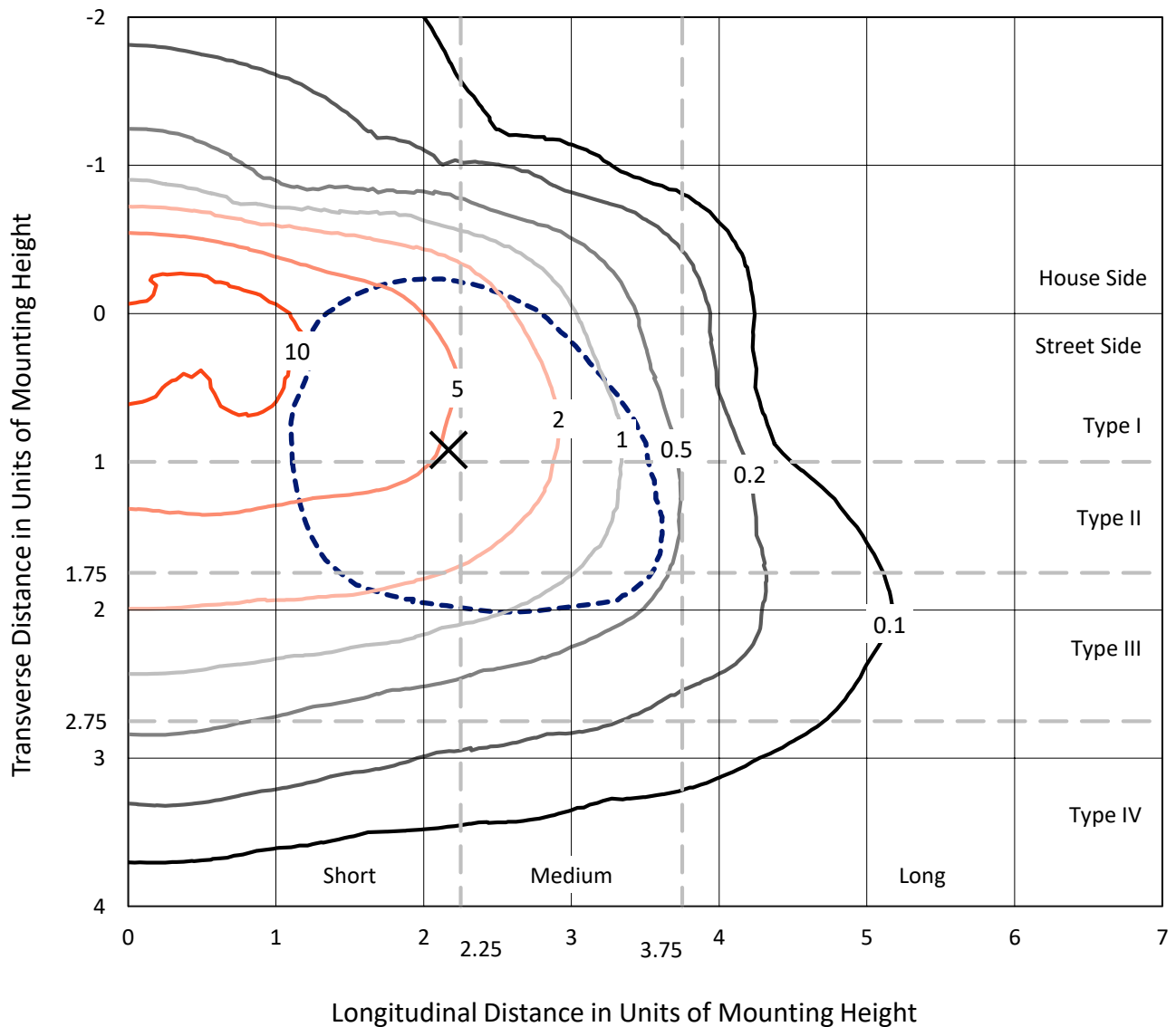
Input Watts (W): 97.2
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

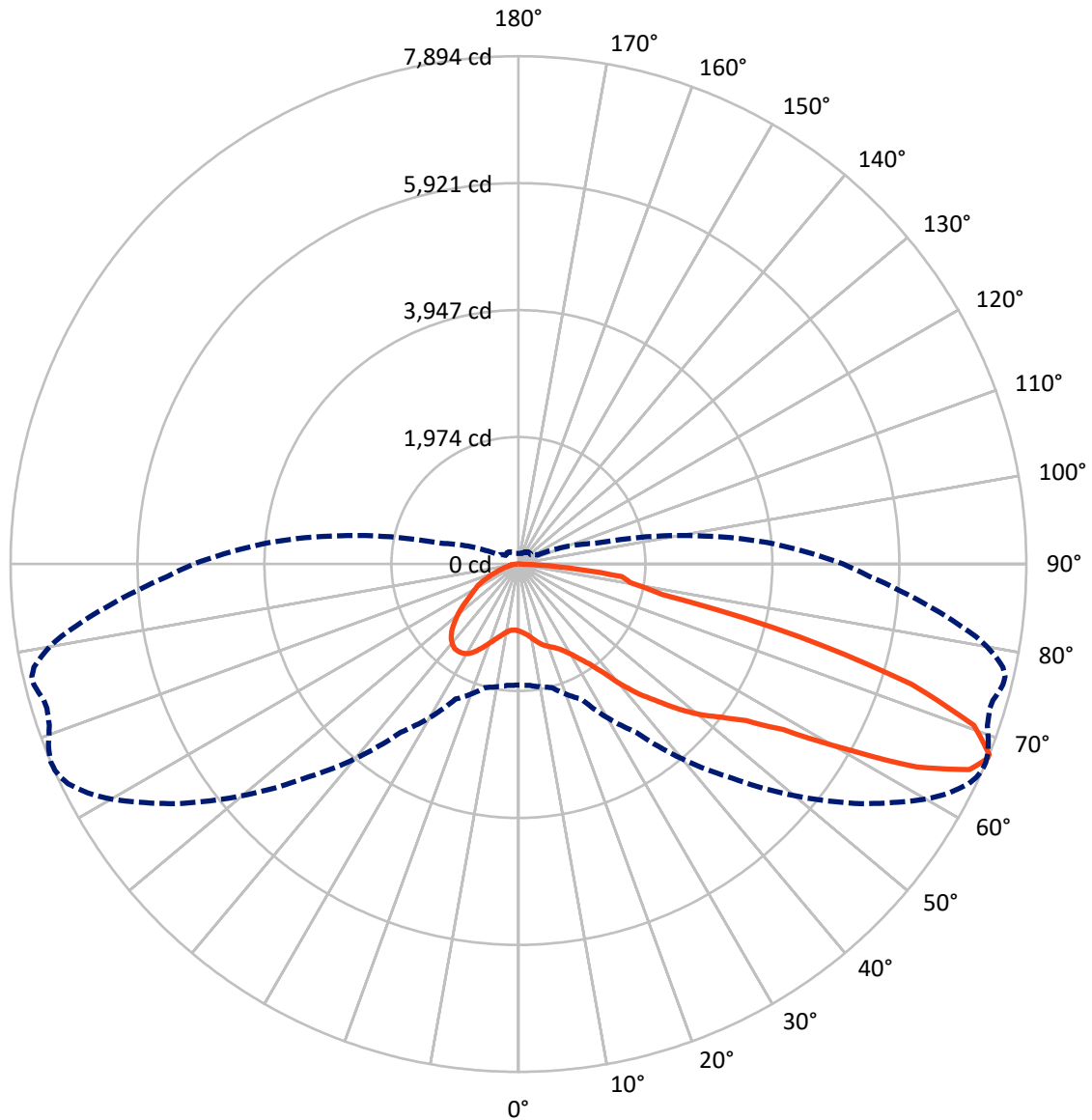
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 13.3 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	2200.3	0.0	2200.3
	% Fixture	23.1	0.0	23.1
Street Side	Lumens	7334.6	0.0	7334.6
	% Fixture	76.9	0.0	76.9
Total	Lumens	9534.9	0.0	9534.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	103.7	1.1
10°-20°	355.6	3.7
20°-30°	627.9	6.6
30°-40°	901.2	9.5
40°-50°	1368.8	14.4
50°-60°	2015.3	21.1
60°-70°	2678.2	28.1
70°-80°	1310.3	13.7
80°-90°	174.0	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°	9534.9	100.0
0°-180°	9534.9	100.0



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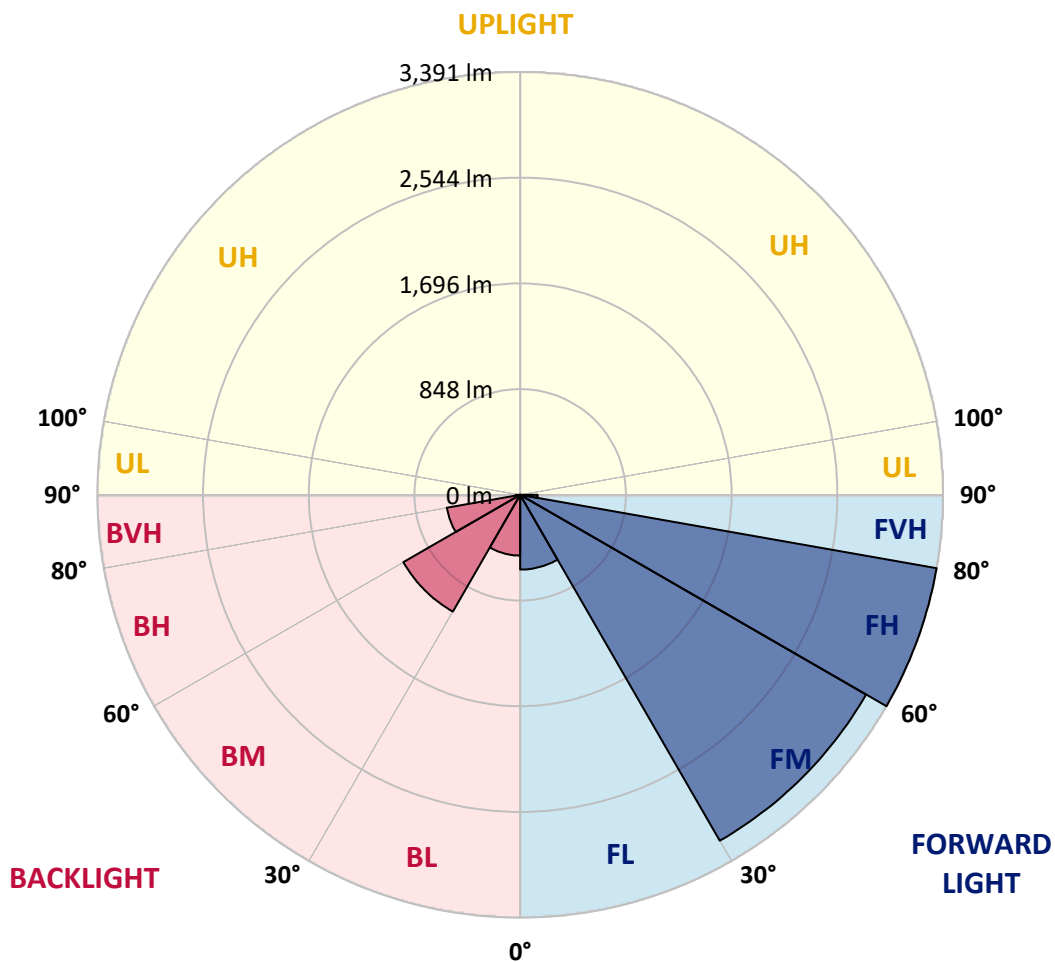
CATALOG NUMBER: ICM-E04-LED-E1-SL3-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	599.8	6.3			
FM	(30°-60°)	3203.5	33.6			
FH	(60°-80°)	3391.5	35.6			G2/5000
FVH	(80°-90°)	139.7	1.5			G2/225
BL	(0°-30°)	487.3	5.1	B1/500		
BM	(30°-60°)	1081.8	11.3	B2/2500		
BH	(60°-80°)	597.0	6.3	B2/1000		G2/1000
BVH	(80°-90°)	34.2	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°	1041.6	1041.6	1041.6	1041.6	1041.6	1041.6	1041.6	1041.6	1041.6	1041.6	1041.6
2.5°	1090.8	1091.8	1089.8	1088.7	1082.4	1076.1	1071.9	1066.7	1066.7	1066.7	1064.7
5°	1152.6	1148.4	1151.5	1144.2	1131.6	1120.1	1108.6	1099.2	1097.0	1097.0	1092.8
7.5°	1226.9	1221.6	1219.5	1209.0	1190.2	1173.5	1150.4	1141.0	1135.8	1133.7	1131.6
10°	1316.9	1316.9	1303.3	1285.5	1260.4	1231.1	1206.0	1189.2	1188.1	1188.1	1178.7
12.5°	1409.0	1411.1	1393.3	1375.5	1334.7	1295.9	1266.6	1247.8	1246.8	1242.6	1237.3
15°	1493.8	1488.6	1477.0	1450.9	1405.9	1359.8	1323.2	1304.4	1300.1	1295.9	1292.8
17.5°	1563.9	1558.7	1544.0	1510.5	1463.5	1409.0	1364.0	1344.1	1342.1	1339.9	1335.7
20°	1607.9	1603.7	1582.8	1544.0	1494.9	1439.4	1391.3	1377.6	1373.4	1373.4	1371.4
22.5°	1633.0	1626.7	1596.4	1545.1	1496.9	1456.1	1416.4	1408.0	1404.8	1405.9	1405.9
25°	1645.6	1640.4	1597.4	1524.2	1478.1	1466.6	1449.9	1444.6	1445.7	1446.7	1448.8
27.5°	1647.7	1640.4	1590.1	1496.9	1454.1	1486.5	1498.0	1506.3	1506.3	1510.5	1517.9
30°	1632.0	1623.6	1575.5	1476.0	1443.5	1526.2	1572.3	1594.3	1602.7	1600.6	1617.3
32.5°	1604.8	1599.5	1560.8	1476.0	1472.8	1604.8	1686.4	1717.9	1722.1	1724.1	1743.0
35°	1595.4	1594.3	1577.6	1526.2	1563.9	1743.0	1867.5	1891.6	1896.8	1896.8	1910.4
37.5°	1593.2	1598.5	1617.3	1620.5	1724.1	1948.1	2111.5	2148.1	2148.1	2158.5	2158.5
40°	1593.2	1604.8	1675.9	1760.8	1919.8	2215.1	2441.1	2483.1	2483.1	2494.5	2488.3
42.5°	1655.0	1671.7	1789.0	1950.2	2166.9	2490.3	2750.0	2797.1	2800.2	2797.1	2806.5
45°	1776.5	1791.1	1933.5	2164.9	2421.3	2785.6	3045.2	3101.7	3090.2	3097.5	3100.7
47.5°	1937.7	1960.7	2123.0	2399.3	2669.4	3058.8	3376.0	3427.3	3423.1	3426.3	3412.6
50°	2109.3	2133.4	2314.5	2631.7	2916.4	3278.6	3641.9	3718.3	3711.0	3716.2	3723.6
52.5°	2261.1	2275.7	2450.6	2806.5	3103.8	3483.8	3846.0	3941.2	3958.0	3960.1	3965.3
55°	2351.2	2368.9	2529.1	2893.4	3239.9	3684.8	4079.5	4223.9	4256.4	4264.8	4287.7
57.5°	2382.5	2401.4	2546.9	2906.0	3314.3	3873.2	4405.1	4659.4	4686.6	4731.7	4804.9
60°	2381.5	2401.4	2528.1	2877.7	3389.6	4106.6	4911.7	5337.7	5475.9	5522.0	5626.6
62.5°	2284.2	2307.2	2435.9	2791.8	3485.9	4405.1	5665.3	6320.7	6498.6	6582.4	6695.5
65°	2070.6	2087.4	2207.7	2574.2	3458.7	4699.2	6295.6	7113.2	7275.4	7397.8	7599.9
67°	1881.1	1891.6	1985.8	2316.6	3192.8	4709.6	6494.5	7309.9	7451.2	7581.1	7789.3
67.5°	1832.9	1855.0	1928.2	2238.1	3093.3	4650.0	6480.9	7279.6	7424.0	7559.0	7778.9
70°	1491.7	1523.1	1559.7	1768.1	2431.7	3911.9	6000.3	6754.1	6880.7	7006.4	7313.1
72.5°	920.2	976.7	984.0	1115.9	1582.8	2703.9	4855.1	5695.8	5791.0	5881.1	6195.1
75°	542.2	550.6	576.8	683.5	928.6	1616.3	3257.7	4231.2	4319.2	4363.1	4609.1
77.5°	302.5	310.9	332.9	425.0	714.0	1088.7	1896.8	2486.2	2539.6	2595.1	2555.3
80°	125.6	137.1	147.6	171.7	334.0	859.4	1304.4	1580.7	1615.3	1647.7	1688.5
82.5°	60.7	64.9	79.5	91.1	121.4	352.7	1022.7	1370.2	1411.1	1458.2	1553.5
85°	28.3	31.4	44.0	52.4	58.6	89.0	342.3	666.8	723.4	733.9	752.7
87.5°	2.1	2.1	5.2	7.3	10.5	11.5	35.6	50.2	56.6	51.3	64.9
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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CANDELA DISTRIBUTION (continued):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1041.6	1041.6	1041.6	1041.6	1041.6	1041.6	1041.6	1041.6	1041.6	1041.6	1041.6
2.5°	1063.5	1062.5	1060.5	1060.5	1059.4	1059.4	1059.4	1057.3	1057.3	1057.3	1056.2
5°	1091.8	1090.8	1087.6	1087.6	1085.6	1085.6	1082.4	1081.4	1079.3	1079.3	1078.2
7.5°	1128.5	1127.4	1123.3	1123.3	1120.1	1119.1	1116.9	1113.8	1113.8	1111.7	1109.6
10°	1178.7	1175.5	1174.5	1169.3	1170.3	1168.3	1166.1	1163.0	1160.9	1158.8	1156.8
12.5°	1235.3	1235.3	1230.1	1226.9	1228.9	1226.9	1222.7	1221.6	1218.5	1218.5	1215.4
15°	1288.7	1288.7	1286.5	1282.3	1283.4	1280.3	1279.2	1277.1	1272.9	1274.0	1272.9
17.5°	1334.7	1334.7	1331.5	1329.5	1329.5	1326.3	1327.4	1325.3	1323.2	1322.1	1319.0
20°	1371.4	1371.4	1369.2	1367.2	1368.2	1368.2	1365.0	1365.0	1365.0	1363.0	1363.0
22.5°	1406.9	1408.0	1408.0	1408.0	1409.0	1410.1	1409.0	1411.1	1410.1	1412.2	1412.2
25°	1454.1	1457.1	1459.3	1459.3	1464.5	1465.5	1466.6	1469.8	1469.8	1472.8	1474.0
27.5°	1524.2	1526.2	1534.6	1536.8	1537.8	1546.1	1547.2	1551.4	1555.5	1556.7	1557.7
30°	1620.5	1625.7	1632.0	1636.2	1636.2	1646.6	1650.8	1648.8	1660.3	1663.4	1667.5
32.5°	1749.2	1753.4	1759.7	1763.9	1768.1	1773.3	1774.3	1779.5	1789.0	1797.4	1792.1
35°	1911.5	1922.0	1911.5	1923.0	1926.2	1933.5	1931.4	1937.7	1941.9	1944.9	1943.9
37.5°	2147.0	2141.8	2139.7	2135.5	2128.2	2153.3	2140.8	2139.7	2133.4	2151.2	2139.7
40°	2456.9	2460.0	2463.2	2446.4	2436.9	2436.9	2433.9	2422.3	2417.1	2432.8	2430.7
42.5°	2780.4	2783.5	2768.9	2758.3	2734.2	2731.2	2716.5	2713.3	2708.1	2716.5	2708.1
45°	3074.5	3076.6	3044.1	3049.4	3030.5	3033.7	3010.6	3020.1	3007.5	3015.9	3031.6
47.5°	3403.2	3407.4	3379.1	3390.6	3371.8	3360.3	3359.3	3365.5	3351.9	3360.3	3364.5
50°	3701.5	3696.3	3681.7	3684.8	3676.4	3678.5	3666.0	3677.5	3661.8	3678.5	3676.4
52.5°	3966.3	3960.1	3957.0	3967.5	3960.1	3960.1	3952.8	3958.0	3960.1	3985.2	3990.4
55°	4287.7	4293.0	4298.3	4317.0	4325.4	4311.8	4325.4	4351.7	4352.7	4412.3	4444.8
57.5°	4803.8	4840.5	4859.3	4870.8	4920.0	4914.8	4946.2	5009.1	5015.3	5153.5	5234.1
60°	5704.1	5769.0	5830.7	5797.2	5896.7	5927.1	5945.9	6063.2	6099.8	6230.6	6300.8
62.5°	6841.0	6848.3	6944.6	6914.2	6970.7	6957.2	6980.1	7033.5	7081.7	7189.5	7255.5
65°	7634.5	7669.0	7706.7	7668.0	7666.9	7620.8	7591.5	7590.5	7619.8	7642.8	7716.0
67°	7850.1	7884.6	7894.0	7865.8	7825.0	7766.4	7711.9	7683.7	7664.8	7675.3	7721.3
67.5°	7848.0	7880.4	7892.0	7864.7	7808.2	7759.0	7701.4	7669.0	7643.9	7649.1	7687.9
70°	7402.0	7472.1	7509.9	7518.3	7510.9	7425.1	7375.9	7346.6	7325.6	7274.4	7271.2
72.5°	6271.5	6356.3	6385.6	6432.7	6453.6	6326.9	6273.6	6306.0	6232.8	6070.5	6077.8
75°	4605.0	4611.2	4512.9	4494.0	4423.8	4137.0	4051.2	3972.7	3847.1	3651.3	3467.1
77.5°	2400.4	2399.3	2286.2	2228.7	2144.9	1972.2	1963.8	1823.5	1725.1	1546.1	1481.2
80°	1705.2	1732.5	1770.2	1789.0	1759.7	1692.7	1600.6	1501.1	1387.1	1275.0	1141.0
82.5°	1586.0	1602.7	1622.5	1549.3	1508.5	1414.2	1344.1	1199.6	1119.1	991.4	856.3
85°	771.5	822.8	783.0	736.9	721.2	564.2	545.4	455.4	413.5	340.2	317.2
87.5°	49.2	60.7	54.4	49.2	42.9	24.1	32.5	23.1	24.1	17.8	15.7
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°	1041.6	1041.6	1041.6	1041.6	1041.6	1041.6	1041.6	1041.6	1041.6	1041.6	1041.6
2.5°	1056.2	1055.2	1054.1	1053.1	1052.0	1052.0	1051.0	1050.0	1048.9	1046.8	1046.8
5°	1076.1	1076.1	1075.1	1073.0	1073.0	1070.9	1067.7	1066.7	1066.7	1064.7	1062.5
7.5°	1108.6	1107.5	1105.4	1104.4	1102.3	1100.2	1098.1	1096.0	1095.0	1091.8	1090.8
10°	1157.8	1155.7	1150.4	1148.4	1147.4	1145.2	1143.2	1141.0	1137.9	1135.8	1134.7
12.5°	1213.2	1212.2	1208.0	1210.1	1204.8	1202.8	1200.7	1195.4	1197.6	1193.4	1191.3
15°	1268.8	1269.8	1267.7	1267.7	1263.5	1260.4	1258.2	1254.1	1253.0	1251.0	1248.8
17.5°	1318.0	1320.0	1316.9	1314.8	1312.8	1310.6	1306.4	1302.2	1302.2	1298.1	1295.9
20°	1363.0	1365.0	1364.0	1361.9	1358.8	1357.7	1355.6	1352.5	1352.5	1350.4	1347.3
22.5°	1414.2	1415.3	1415.3	1414.2	1411.1	1412.2	1410.1	1406.9	1408.0	1403.8	1403.8
25°	1476.0	1478.1	1480.2	1481.2	1479.2	1480.2	1478.1	1476.0	1475.0	1476.0	1475.0
27.5°	1560.8	1562.9	1569.2	1563.9	1569.2	1570.2	1567.1	1562.9	1566.1	1571.3	1568.1
30°	1672.8	1670.7	1679.1	1680.1	1679.1	1680.1	1678.1	1674.9	1677.0	1686.4	1681.2
32.5°	1798.4	1802.6	1804.8	1806.8	1810.0	1814.2	1811.0	1807.8	1813.1	1810.0	1817.3
35°	1950.2	1959.6	1962.8	1959.6	1961.8	1969.0	1968.0	1969.0	1979.5	1969.0	1982.7
37.5°	2141.8	2151.2	2158.5	2154.3	2159.5	2159.5	2167.9	2191.0	2176.3	2195.2	2209.9
40°	2420.2	2434.9	2435.9	2434.9	2440.1	2446.4	2454.8	2479.9	2463.2	2483.1	2496.7
42.5°	2707.1	2724.9	2731.2	2720.7	2732.2	2745.8	2746.8	2768.9	2769.9	2773.0	2780.4
45°	3030.5	3046.3	3058.8	3053.6	3054.6	3072.4	3068.2	3089.1	3073.4	3073.4	3077.6
47.5°	3374.9	3389.6	3398.0	3406.3	3395.8	3411.6	3418.9	3414.7	3395.8	3391.6	3366.5
50°	3689.0	3701.5	3714.1	3737.1	3736.1	3743.4	3748.7	3729.8	3725.6	3702.6	3674.3
52.5°	4021.9	4054.4	4082.6	4130.7	4138.1	4163.2	4153.8	4122.4	4117.1	4079.5	4041.8
55°	4485.6	4578.8	4619.6	4693.9	4744.2	4743.1	4722.2	4717.0	4677.1	4601.8	4556.8
57.5°	5292.7	5438.2	5508.3	5604.7	5620.3	5610.9	5583.8	5535.6	5466.5	5339.8	5258.2
60°	6457.8	6547.9	6629.5	6652.5	6664.0	6646.3	6551.0	6444.2	6309.2	6134.4	5988.9
62.5°	7338.2	7430.3	7491.0	7481.6	7409.3	7318.3	7179.1	7000.0	6810.6	6614.8	6397.1
65°	7786.2	7825.0	7815.5	7742.3	7618.7	7459.6	7256.5	7035.7	6812.7	6581.3	6355.2
67°	7762.2	7763.2	7699.3	7557.0	7398.9	7198.9	6950.8	6710.1	6448.4	6205.5	5936.5
67.5°	7719.2	7715.0	7626.1	7470.1	7299.5	7093.3	6835.7	6586.6	6315.5	6070.5	5792.0
70°	7233.5	7174.9	6973.9	6724.8	6487.1	6208.7	5938.5	5652.8	5347.1	5136.8	4816.4
72.5°	5943.9	5746.0	5399.5	5138.8	4884.4	4520.1	4351.7	3996.8	3782.2	3648.1	3406.3
75°	3442.0	3276.6	3008.6	2764.7	2641.1	2425.5	2322.9	2062.2	2007.8	2005.7	1922.0
77.5°	1313.8	1146.2	973.5	784.1	666.8	529.7	466.9	417.7	380.0	406.1	368.5
80°	985.0	810.2	633.3	460.6	328.7	242.9	208.3	192.7	183.2	175.9	170.6
82.5°	733.9	578.9	449.1	293.1	205.2	154.9	134.0	125.6	121.4	114.1	107.8
85°	248.1	198.9	157.0	108.8	85.9	70.1	64.9	62.8	59.6	54.4	51.3
87.5°	13.6	12.6	13.6	10.5	12.6	10.5	11.5	11.5	11.5	10.5	10.5
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):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1041.6	1041.6	1041.6	1041.6	1041.6	1041.6	1041.6	1041.6	1041.6	1041.6	1041.6
2.5°	1045.8	1045.8	1045.8	1043.6	1040.6	1034.2	1028.0	1022.7	1017.5	1014.3	1012.3
5°	1061.5	1059.4	1058.3	1057.3	1050.0	1037.4	1025.9	1015.4	1004.9	996.6	993.4
7.5°	1089.8	1085.6	1084.5	1081.4	1071.9	1053.1	1036.4	1019.6	1004.9	993.4	988.2
10°	1132.7	1132.7	1126.3	1122.1	1111.7	1086.6	1062.5	1040.6	1020.7	1008.1	1004.9
12.5°	1187.1	1187.1	1181.9	1178.7	1166.1	1133.7	1104.4	1078.2	1059.4	1046.8	1045.8
15°	1243.6	1242.6	1238.4	1234.2	1220.6	1186.1	1156.8	1133.7	1118.0	1103.4	1099.2
17.5°	1293.9	1293.9	1288.7	1284.5	1270.8	1241.5	1215.4	1198.6	1180.8	1150.4	1127.4
20°	1344.1	1345.1	1340.9	1336.8	1325.3	1300.1	1288.7	1271.9	1232.1	1166.1	1111.7
22.5°	1399.6	1403.8	1398.5	1394.3	1384.9	1374.4	1370.2	1330.5	1246.8	1141.0	1061.5
25°	1470.8	1478.1	1471.8	1469.8	1464.5	1467.6	1455.1	1363.0	1225.9	1086.6	987.2
27.5°	1568.1	1568.1	1569.2	1569.2	1567.1	1578.6	1532.6	1364.0	1179.7	1016.5	898.1
30°	1682.2	1688.5	1686.4	1686.4	1694.8	1702.1	1575.5	1340.9	1121.1	929.6	789.3
32.5°	1819.4	1824.6	1826.7	1817.3	1850.8	1813.1	1591.2	1299.1	1048.9	821.8	659.5
35°	1984.8	1992.1	1997.3	1998.3	2020.4	1909.4	1582.8	1237.3	945.3	686.7	517.1
37.5°	2200.4	2215.1	2226.6	2231.8	2232.9	1991.1	1559.7	1155.7	810.2	536.0	385.2
40°	2487.3	2502.9	2499.8	2510.2	2450.6	2039.2	1507.5	1037.4	642.7	393.6	297.3
42.5°	2763.6	2765.7	2769.9	2760.5	2639.0	2064.3	1434.1	892.9	481.5	294.1	254.4
45°	3072.4	3054.6	3034.7	3020.1	2812.8	2073.8	1333.7	717.0	340.2	247.1	235.5
47.5°	3362.3	3338.3	3297.5	3255.6	2967.7	2059.1	1204.8	537.0	258.6	226.1	223.0
50°	3647.1	3602.1	3544.5	3496.4	3116.4	2037.1	1062.5	387.4	226.1	215.6	212.5
52.5°	3999.9	3924.5	3849.1	3786.3	3310.1	2002.5	912.8	294.1	212.5	207.3	203.1
55°	4483.6	4378.8	4257.4	4169.5	3572.8	1950.2	755.8	249.1	206.2	202.0	195.7
57.5°	5153.5	4996.5	4859.3	4715.9	3931.8	1896.8	620.7	231.4	205.2	198.9	190.5
60°	5838.1	5649.7	5474.8	5269.7	4298.3	1843.5	526.5	229.2	208.3	198.9	186.3
62.5°	6194.0	5999.3	5788.9	5580.6	4456.3	1717.9	461.7	232.4	215.6	202.0	186.3
65°	6112.4	5874.7	5661.2	5448.7	4273.1	1480.2	390.4	236.6	230.3	214.6	189.5
67°	5702.0	5453.9	5248.8	5045.6	3864.9	1239.4	335.0	240.7	246.0	229.2	195.7
67.5°	5557.5	5309.4	5107.4	4909.6	3744.5	1189.2	321.4	242.9	249.1	233.4	197.9
70°	4608.1	4426.0	4211.4	4058.5	3031.6	880.4	263.8	247.1	268.0	257.5	207.3
72.5°	3316.3	3142.5	2981.3	2896.6	2232.9	615.5	222.0	242.9	279.5	271.2	211.4
75°	1762.8	1752.4	1693.8	1735.6	1381.8	402.0	195.7	227.2	267.0	248.1	196.8
77.5°	355.9	366.4	430.2	424.0	446.0	224.0	167.5	194.7	206.2	182.1	160.2
80°	165.4	162.2	159.1	161.2	158.0	143.4	136.1	152.8	143.4	117.2	106.8
82.5°	102.6	100.5	97.4	96.3	106.8	114.1	119.3	120.4	95.3	81.7	78.5
85°	49.2	49.2	48.2	50.2	62.8	93.2	100.5	89.0	63.8	58.6	55.4
87.5°	9.4	9.4	10.5	9.4	12.6	22.0	25.1	29.3	24.1	25.1	28.3
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):

	165°	175°	180°
0°	1041.6	1041.6	1041.6
2.5°	1010.1	1008.1	1008.1
5°	989.2	988.2	988.2
7.5°	984.0	985.0	984.0
10°	1003.9	1002.9	1007.1
12.5°	1047.8	1051.0	1050.0
15°	1094.0	1096.0	1096.0
17.5°	1107.5	1100.2	1099.2
20°	1071.9	1058.3	1055.2
22.5°	1004.9	979.8	980.8
25°	920.2	889.8	891.9
27.5°	821.8	789.3	788.3
30°	703.4	667.9	650.1
32.5°	561.1	518.1	518.1
35°	421.9	387.4	374.8
37.5°	320.3	300.5	294.1
40°	267.0	257.5	255.4
42.5°	242.9	239.7	238.7
45°	230.3	228.2	227.2
47.5°	218.8	217.8	216.7
50°	210.4	209.4	208.3
52.5°	203.1	201.0	199.9
55°	192.7	192.7	192.7
57.5°	186.3	186.3	185.3
60°	180.1	179.0	179.0
62.5°	174.8	172.7	173.8
65°	171.7	168.6	168.6
67°	169.6	163.3	163.3
67.5°	169.6	161.2	161.2
70°	166.4	152.8	150.7
72.5°	163.3	143.4	140.3
75°	154.9	136.1	132.9
77.5°	132.9	121.4	119.3
80°	102.6	89.0	91.1
82.5°	74.3	63.8	62.8
85°	53.4	46.0	46.0
87.5°	28.3	24.1	25.1
90°	0.0	0.0	0.0

(END OF REPORT)