

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: P180747

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

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180747
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-SL3-7030
Description: ICON SITE SMALL 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: 9983.6 lumens
Efficiency: N/A
Efficacy: 102.7 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



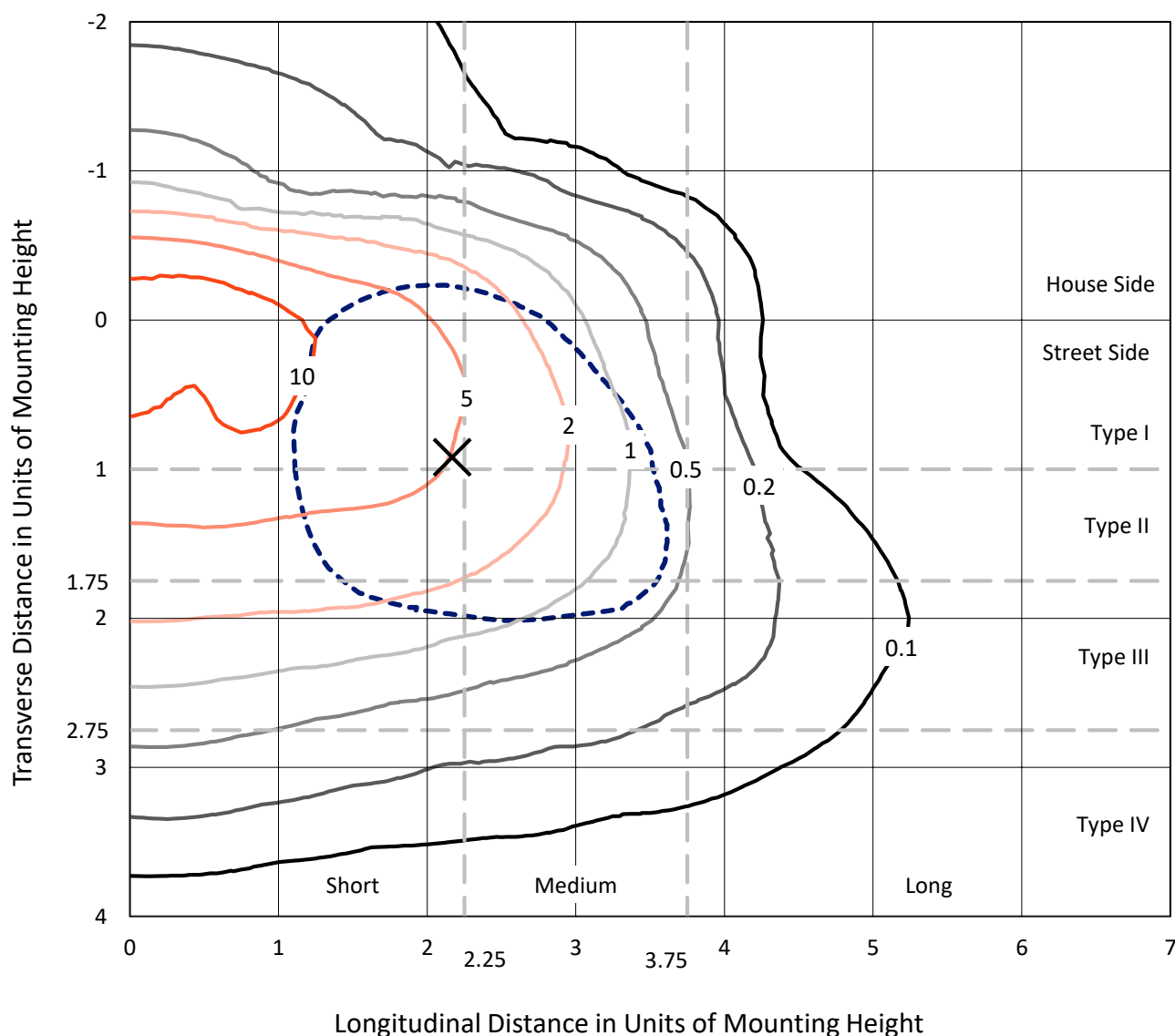
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

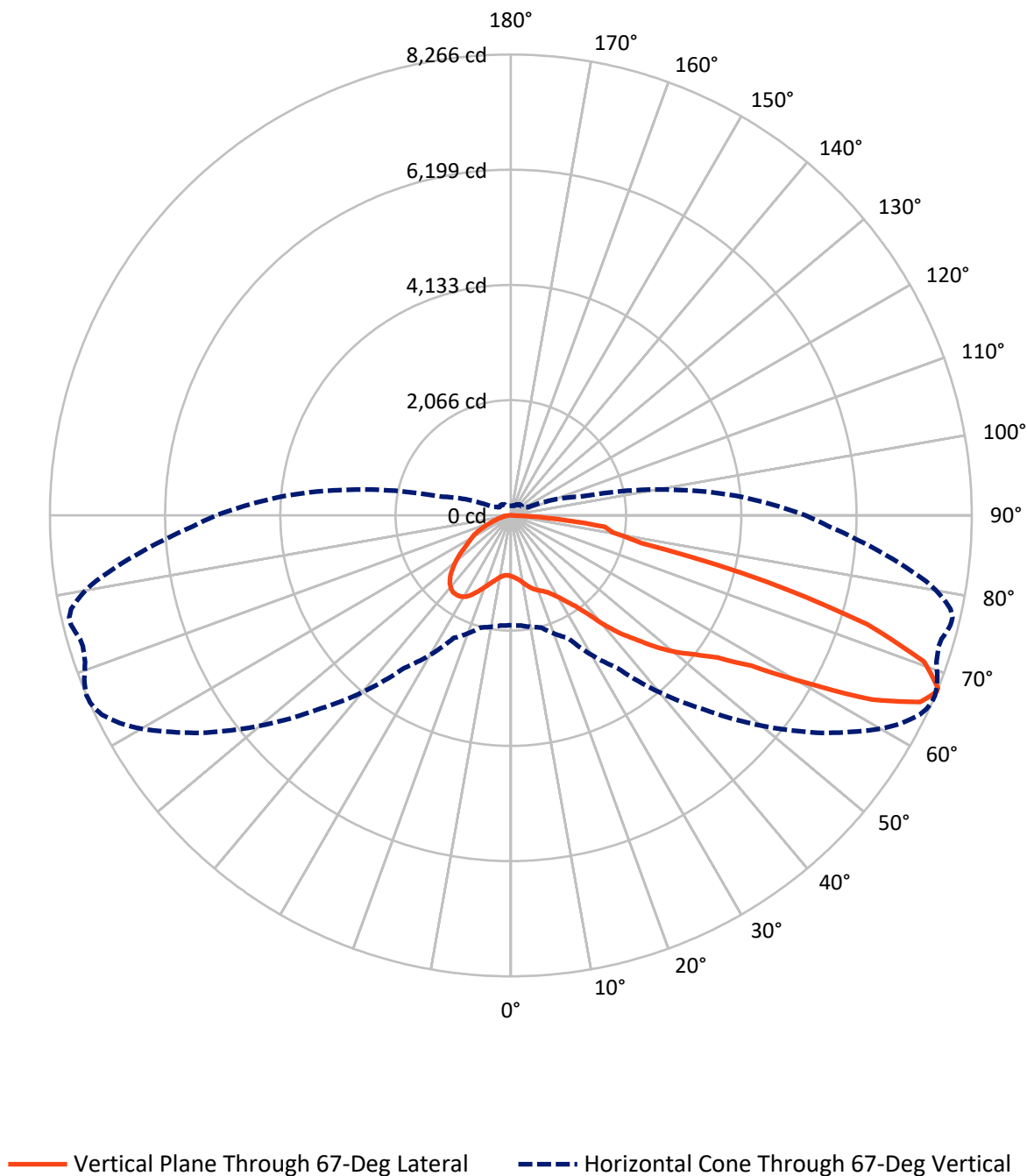


Based on 10 foot mounting height. Maximum calculated value = 14 fc
 Type III - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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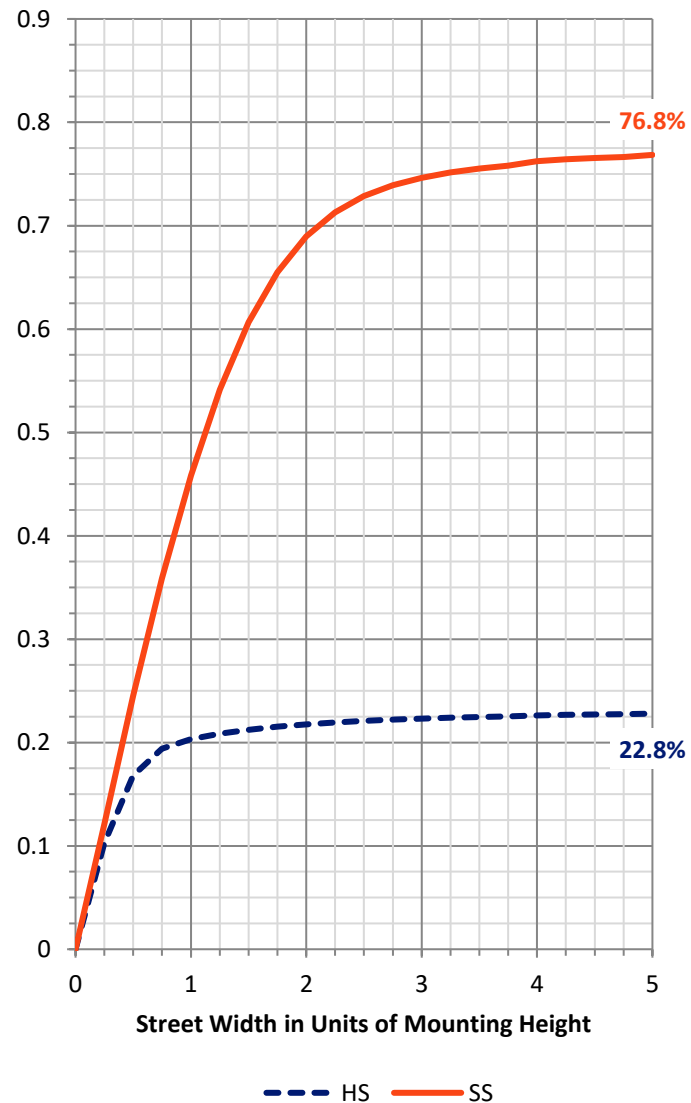
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2303.9	0.0	2303.9
	% Fixture	23.1	0.0	23.1
Street Side	Lumens	7679.8	0.0	7679.8
	% Fixture	76.9	0.0	76.9
Total	Lumens	9983.6	0.0	9983.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	108.6	1.1
10°-20°	372.3	3.7
20°-30°	657.4	6.6
30°-40°	943.6	9.5
40°-50°	1433.2	14.4
50°-60°	2110.1	21.1
60°-70°	2804.3	28.1
70°-80°	1371.9	13.7
80°-90°	182.2	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°	9983.6	100.0
0°-180°	9983.6	100.0

Coefficient of Utilization



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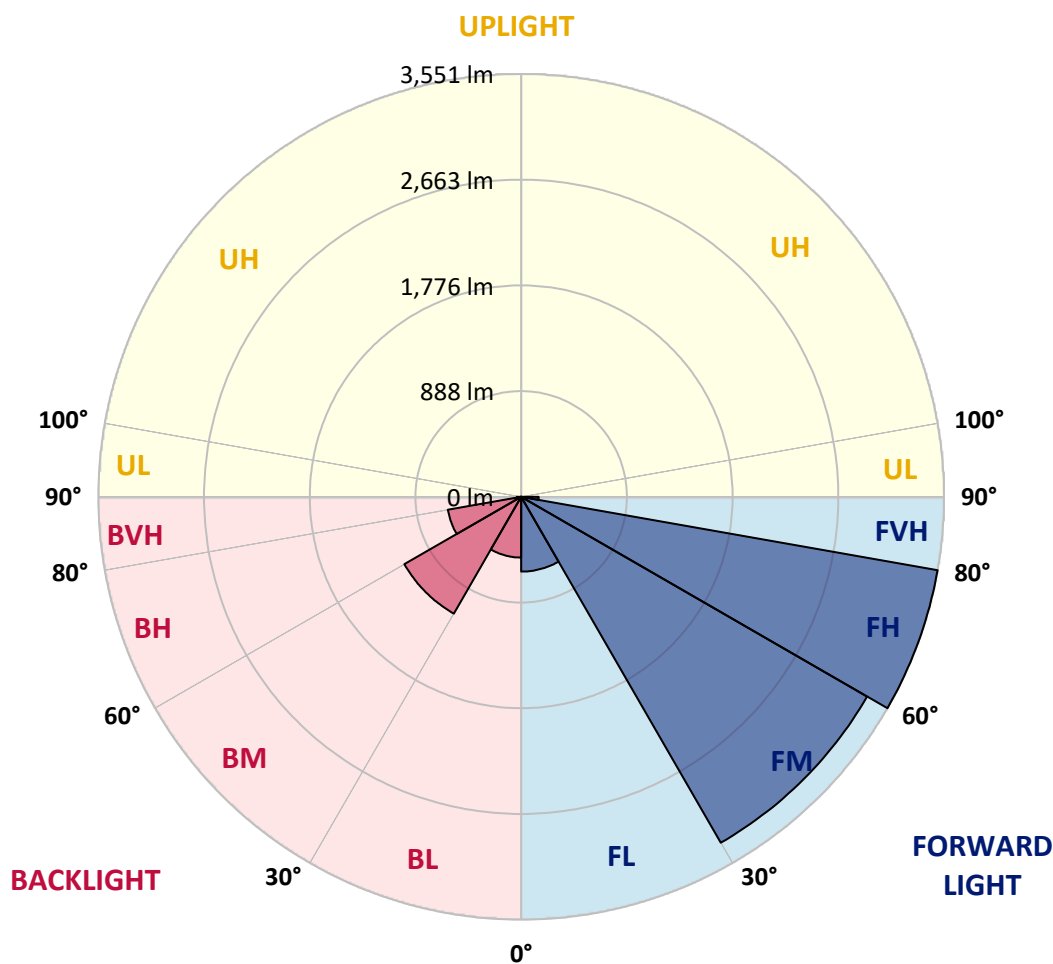
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	628.1	6.3			
FM	(30°-60°)	3354.3	33.6			
FH	(60°-80°)	3551.1	35.6			G2/5000
FVH	(80°-90°)	146.3	1.5			G2/225
BL	(0°-30°)	510.2	5.1	B2/1000		
BM	(30°-60°)	1132.7	11.3	B2/2500		
BH	(60°-80°)	625.1	6.3	B2/1000		G2/1000
BVH	(80°-90°)	35.8	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°	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6
2.5°	1142.1	1143.2	1141.0	1139.9	1133.3	1126.8	1122.4	1116.9	1116.9	1116.9	1114.7
5°	1206.8	1202.4	1205.7	1198.0	1184.9	1172.8	1160.7	1150.9	1148.7	1148.7	1144.3
7.5°	1284.6	1279.1	1276.9	1266.0	1246.2	1228.7	1204.6	1194.7	1189.2	1187.1	1184.9
10°	1378.9	1378.9	1364.6	1346.0	1319.7	1289.0	1262.7	1245.1	1244.1	1244.1	1234.2
12.5°	1475.3	1477.5	1458.9	1440.2	1397.5	1356.9	1326.3	1306.5	1305.4	1301.0	1295.6
15°	1564.1	1558.6	1546.6	1519.2	1472.0	1423.8	1385.4	1365.7	1361.3	1356.9	1353.7
17.5°	1637.5	1632.1	1616.7	1581.6	1532.3	1475.3	1428.2	1407.4	1405.2	1403.0	1398.6
20°	1683.6	1679.2	1657.3	1616.7	1565.2	1507.1	1456.7	1442.4	1438.1	1438.1	1435.9
22.5°	1709.9	1703.3	1671.5	1617.8	1567.4	1524.6	1483.0	1474.2	1470.9	1472.0	1472.0
25°	1723.0	1717.6	1672.6	1595.9	1547.7	1535.6	1518.1	1512.6	1513.7	1514.8	1517.0
27.5°	1725.2	1717.6	1664.9	1567.4	1522.5	1556.4	1568.5	1577.3	1577.3	1581.6	1589.3
30°	1708.8	1700.0	1649.6	1545.5	1511.5	1598.1	1646.3	1669.3	1678.1	1675.9	1693.4
32.5°	1680.3	1674.8	1634.3	1545.5	1542.2	1680.3	1765.8	1798.7	1803.1	1805.2	1825.0
35°	1670.4	1669.3	1651.8	1598.1	1637.5	1825.0	1955.4	1980.6	1986.1	1986.1	2000.3
37.5°	1668.2	1673.7	1693.4	1696.7	1805.2	2039.8	2210.8	2249.2	2249.2	2260.1	2260.1
40°	1668.2	1680.3	1754.8	1843.6	2010.2	2319.3	2556.1	2599.9	2599.9	2612.0	2605.4
42.5°	1732.9	1750.4	1873.2	2042.0	2268.9	2607.6	2879.4	2928.7	2932.0	2928.7	2938.6
45°	1860.0	1875.4	2024.5	2266.7	2535.2	2916.7	3188.5	3247.7	3235.6	3243.3	3246.6
47.5°	2028.8	2053.0	2222.9	2512.2	2795.0	3202.7	3534.9	3588.6	3584.2	3587.5	3573.2
50°	2208.6	2233.8	2423.4	2755.5	3053.7	3432.9	3813.3	3893.3	3885.6	3891.1	3898.8
52.5°	2367.5	2382.9	2565.9	2938.6	3249.9	3647.8	4027.0	4126.7	4144.3	4146.5	4152.0
55°	2461.8	2480.4	2648.1	3029.6	3392.4	3858.2	4271.4	4422.7	4456.7	4465.4	4489.5
57.5°	2494.7	2514.4	2666.8	3042.7	3470.2	4055.5	4612.3	4878.7	4907.2	4954.3	5031.0
60°	2493.6	2514.4	2647.0	3013.1	3549.1	4299.9	5142.8	5588.9	5733.6	5781.8	5891.4
62.5°	2391.6	2415.8	2550.6	2923.2	3649.9	4612.3	5932.0	6618.1	6804.5	6892.2	7010.5
65°	2168.0	2185.6	2311.6	2695.3	3621.4	4920.3	6591.8	7447.9	7617.8	7746.0	7957.5
67°	1969.7	1980.6	2079.3	2425.6	3343.0	4931.3	6800.1	7653.9	7801.9	7937.8	8155.9
67.5°	1919.2	1942.3	2019.0	2343.4	3238.9	4868.8	6785.8	7622.1	7773.4	7914.8	8145.0
70°	1561.9	1594.8	1633.2	1851.3	2546.2	4096.1	6282.7	7071.9	7204.5	7336.1	7657.2
72.5°	963.5	1022.6	1030.3	1168.4	1657.3	2831.2	5083.6	5963.8	6063.5	6157.8	6486.6
75°	567.8	576.5	603.9	715.7	972.2	1692.3	3411.0	4430.4	4522.4	4568.5	4826.0
77.5°	316.8	325.5	348.6	445.0	747.5	1139.9	1986.1	2603.2	2659.1	2717.2	2675.5
80°	131.5	143.6	154.5	179.8	349.6	899.9	1365.7	1655.1	1691.3	1725.2	1768.0
82.5°	63.6	68.0	83.3	95.4	127.1	369.4	1070.9	1434.8	1477.5	1526.8	1626.6
85°	29.6	32.9	46.0	54.8	61.4	93.2	358.4	698.2	757.4	768.4	788.1
87.5°	2.2	2.2	5.5	7.7	11.0	12.1	37.3	52.6	59.2	53.7	68.0
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):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6
2.5°	1113.6	1112.5	1110.3	1110.3	1109.2	1109.2	1109.2	1107.0	1107.0	1107.0	1105.9
5°	1143.2	1142.1	1138.8	1138.8	1136.6	1136.6	1133.3	1132.3	1130.1	1130.1	1129.0
7.5°	1181.6	1180.5	1176.1	1176.1	1172.8	1171.7	1169.5	1166.2	1166.2	1164.0	1161.8
10°	1234.2	1230.9	1229.8	1224.3	1225.4	1223.2	1221.0	1217.7	1215.6	1213.4	1211.2
12.5°	1293.4	1293.4	1287.9	1284.6	1286.8	1284.6	1280.2	1279.1	1275.8	1275.8	1272.5
15°	1349.3	1349.3	1347.1	1342.7	1343.8	1340.5	1339.4	1337.2	1332.8	1333.9	1332.8
17.5°	1397.5	1397.5	1394.2	1392.0	1392.0	1388.7	1389.8	1387.6	1385.4	1384.3	1381.1
20°	1435.9	1435.9	1433.7	1431.5	1432.6	1432.6	1429.3	1429.3	1429.3	1427.1	1427.1
22.5°	1473.1	1474.2	1474.2	1474.2	1475.3	1476.4	1475.3	1477.5	1476.4	1478.6	1478.6
25°	1522.5	1525.7	1527.9	1527.9	1533.4	1534.5	1535.6	1538.9	1538.9	1542.2	1543.3
27.5°	1595.9	1598.1	1606.9	1609.0	1610.1	1618.9	1620.0	1624.4	1628.8	1629.9	1631.0
30°	1696.7	1702.2	1708.8	1713.2	1713.2	1724.1	1728.5	1726.3	1738.4	1741.7	1746.1
32.5°	1831.5	1835.9	1842.5	1846.9	1851.3	1856.8	1857.9	1863.3	1873.2	1882.0	1876.5
35°	2001.4	2012.4	2001.4	2013.5	2016.8	2024.5	2022.3	2028.8	2033.2	2036.5	2035.4
37.5°	2248.1	2242.6	2240.4	2236.0	2228.3	2254.6	2241.5	2240.4	2233.8	2252.4	2240.4
40°	2572.5	2575.8	2579.1	2561.5	2551.7	2551.7	2548.4	2536.3	2530.8	2547.3	2545.1
42.5°	2911.2	2914.5	2899.1	2888.2	2863.0	2859.7	2844.3	2841.0	2835.6	2844.3	2835.6
45°	3219.2	3221.4	3187.4	3192.9	3173.2	3176.4	3152.3	3162.2	3149.0	3157.8	3174.2
47.5°	3563.4	3567.7	3538.1	3550.2	3530.5	3518.4	3517.3	3523.9	3509.6	3518.4	3522.8
50°	3875.7	3870.3	3854.9	3858.2	3849.4	3851.6	3838.5	3850.5	3834.1	3851.6	3849.4
52.5°	4153.0	4146.5	4143.2	4154.1	4146.5	4146.5	4138.8	4144.3	4146.5	4172.8	4178.3
55°	4489.5	4495.0	4500.5	4520.2	4529.0	4514.8	4529.0	4556.4	4557.5	4620.0	4654.0
57.5°	5029.9	5068.3	5088.0	5100.1	5151.6	5146.1	5179.0	5244.7	5251.3	5396.0	5480.4
60°	5972.5	6040.5	6105.2	6070.1	6174.2	6206.0	6225.7	6348.5	6386.9	6523.9	6597.3
62.5°	7162.9	7170.6	7271.4	7239.6	7298.8	7284.5	7308.7	7364.6	7415.0	7527.9	7596.9
65°	7993.7	8029.9	8069.3	8028.8	8027.7	7979.5	7948.8	7947.7	7978.4	8002.5	8079.2
67°	8219.5	8255.7	8265.5	8235.9	8193.2	8131.8	8074.8	8045.2	8025.5	8036.5	8084.7
67.5°	8217.3	8251.3	8263.3	8234.8	8175.7	8124.1	8063.9	8029.9	8003.6	8009.1	8049.6
70°	7750.4	7823.8	7863.3	7872.0	7864.4	7774.5	7723.0	7692.3	7670.4	7616.7	7613.4
72.5°	6566.6	6655.4	6686.1	6735.4	6757.3	6624.7	6568.8	6602.8	6526.1	6356.2	6363.8
75°	4821.7	4828.2	4725.2	4705.5	4632.0	4331.7	4241.8	4159.6	4028.1	3823.1	3630.2
77.5°	2513.3	2512.2	2393.8	2333.6	2245.9	2065.0	2056.2	1909.4	1806.3	1618.9	1551.0
80°	1785.5	1814.0	1853.5	1873.2	1842.5	1772.4	1675.9	1571.8	1452.3	1335.0	1194.7
82.5°	1660.6	1678.1	1698.9	1622.2	1579.5	1480.8	1407.4	1256.1	1171.7	1038.0	896.6
85°	807.8	861.5	819.9	771.6	755.2	590.8	571.1	476.8	433.0	356.2	332.1
87.5°	51.5	63.6	57.0	51.5	44.9	25.2	34.0	24.1	25.2	18.6	16.4
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):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6
2.5°	1105.9	1104.8	1103.8	1102.7	1101.6	1101.6	1100.5	1099.4	1098.3	1096.1	1096.1
5°	1126.8	1126.8	1125.7	1123.5	1123.5	1121.3	1118.0	1116.9	1116.9	1114.7	1112.5
7.5°	1160.7	1159.7	1157.5	1156.4	1154.2	1152.0	1149.8	1147.6	1146.5	1143.2	1142.1
10°	1212.3	1210.1	1204.6	1202.4	1201.3	1199.1	1196.9	1194.7	1191.4	1189.2	1188.2
12.5°	1270.4	1269.3	1264.9	1267.1	1261.6	1259.4	1257.2	1251.7	1253.9	1249.5	1247.3
15°	1328.4	1329.5	1327.4	1327.4	1323.0	1319.7	1317.5	1313.1	1312.0	1309.8	1307.6
17.5°	1380.0	1382.2	1378.9	1376.7	1374.5	1372.3	1367.9	1363.5	1363.5	1359.1	1356.9
20°	1427.1	1429.3	1428.2	1426.0	1422.7	1421.6	1419.4	1416.1	1416.1	1413.9	1410.7
22.5°	1480.8	1481.9	1481.9	1480.8	1477.5	1478.6	1476.4	1473.1	1474.2	1469.8	1469.8
25°	1545.5	1547.7	1549.9	1551.0	1548.8	1549.9	1547.7	1545.5	1544.4	1545.5	1544.4
27.5°	1634.3	1636.4	1643.0	1637.5	1643.0	1644.1	1640.8	1636.4	1639.7	1645.2	1641.9
30°	1751.5	1749.3	1758.1	1759.2	1758.1	1759.2	1757.0	1753.7	1755.9	1765.8	1760.3
32.5°	1883.1	1887.4	1889.6	1891.8	1895.1	1899.5	1896.2	1892.9	1898.4	1895.1	1902.8
35°	2042.0	2051.9	2055.2	2051.9	2054.1	2061.7	2060.6	2061.7	2072.7	2061.7	2076.0
37.5°	2242.6	2252.4	2260.1	2255.7	2261.2	2261.2	2270.0	2294.1	2278.8	2298.5	2313.8
40°	2534.1	2549.5	2550.6	2549.5	2555.0	2561.5	2570.3	2596.6	2579.1	2599.9	2614.2
42.5°	2834.5	2853.1	2859.7	2848.7	2860.8	2875.0	2876.1	2899.1	2900.2	2903.5	2911.2
45°	3173.2	3189.6	3202.7	3197.3	3198.4	3217.0	3212.6	3234.5	3218.1	3218.1	3222.5
47.5°	3533.8	3549.1	3557.9	3566.6	3555.7	3572.1	3579.8	3575.4	3555.7	3551.3	3525.0
50°	3862.6	3875.7	3888.9	3913.0	3911.9	3919.6	3925.1	3905.3	3900.9	3876.8	3847.2
52.5°	4211.1	4245.1	4274.7	4325.1	4332.8	4359.1	4349.2	4316.4	4310.9	4271.4	4232.0
55°	4696.7	4794.3	4837.0	4914.8	4967.4	4966.3	4944.4	4938.9	4897.3	4818.4	4771.2
57.5°	5541.8	5694.1	5767.6	5868.4	5884.9	5875.0	5846.5	5796.1	5723.7	5591.1	5505.6
60°	6761.7	6856.0	6941.5	6965.6	6977.6	6959.0	6859.3	6747.5	6606.1	6423.0	6270.7
62.5°	7683.5	7780.0	7843.5	7833.7	7758.1	7662.7	7516.9	7329.5	7131.1	6926.1	6698.1
65°	8152.6	8193.2	8183.3	8106.6	7977.3	7810.7	7598.0	7366.8	7133.3	6891.1	6654.3
67°	8127.4	8128.5	8061.7	7912.6	7747.1	7537.7	7278.0	7025.9	6751.9	6497.6	6215.9
67.5°	8082.5	8078.1	7984.9	7821.6	7643.0	7427.0	7157.4	6896.5	6612.7	6356.2	6064.6
70°	7573.9	7512.5	7302.1	7041.2	6792.4	6500.9	6218.1	5918.8	5598.8	5378.5	5043.1
72.5°	6223.5	6016.4	5653.6	5380.7	5114.3	4732.9	4556.4	4184.8	3960.1	3819.8	3566.6
75°	3603.9	3430.7	3150.1	2894.7	2765.4	2539.6	2432.2	2159.3	2102.3	2100.1	2012.4
77.5°	1375.6	1200.2	1019.4	821.0	698.2	554.6	488.9	437.3	397.9	425.3	385.8
80°	1031.4	848.4	663.1	482.3	344.2	254.3	218.1	201.7	191.8	184.1	178.7
82.5°	768.4	606.1	470.2	306.9	214.8	162.2	140.3	131.5	127.1	119.5	112.9
85°	259.8	208.3	164.4	114.0	89.9	73.4	68.0	65.8	62.5	57.0	53.7
87.5°	14.2	13.2	14.2	11.0	13.2	11.0	12.1	12.1	12.1	11.0	11.0
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°	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6
2.5°	1095.0	1095.0	1095.0	1092.8	1089.5	1082.9	1076.4	1070.9	1065.4	1062.1	1059.9
5°	1111.4	1109.2	1108.1	1107.0	1099.4	1086.2	1074.2	1063.2	1052.2	1043.5	1040.2
7.5°	1141.0	1136.6	1135.5	1132.3	1122.4	1102.7	1085.1	1067.6	1052.2	1040.2	1034.7
10°	1186.0	1186.0	1179.4	1175.0	1164.0	1137.7	1112.5	1089.5	1068.7	1055.5	1052.2
12.5°	1243.0	1243.0	1237.5	1234.2	1221.0	1187.1	1156.4	1129.0	1109.2	1096.1	1095.0
15°	1302.1	1301.0	1296.7	1292.3	1278.0	1241.9	1211.2	1187.1	1170.6	1155.3	1150.9
17.5°	1354.8	1354.8	1349.3	1344.9	1330.6	1300.0	1272.5	1255.0	1236.4	1204.6	1180.5
20°	1407.4	1408.5	1404.1	1399.7	1387.6	1361.3	1349.3	1331.7	1290.1	1221.0	1164.0
22.5°	1465.5	1469.8	1464.4	1460.0	1450.1	1439.2	1434.8	1393.1	1305.4	1194.7	1111.4
25°	1540.0	1547.7	1541.1	1538.9	1533.4	1536.7	1523.6	1427.1	1283.5	1137.7	1033.6
27.5°	1641.9	1641.9	1643.0	1643.0	1640.8	1652.9	1604.7	1428.2	1235.3	1064.3	940.4
30°	1761.4	1768.0	1765.8	1765.8	1774.6	1782.2	1649.6	1404.1	1173.9	973.3	826.4
32.5°	1905.0	1910.5	1912.7	1902.8	1937.9	1898.4	1666.0	1360.2	1098.3	860.4	690.5
35°	2078.2	2085.8	2091.3	2092.4	2115.4	1999.2	1657.3	1295.6	989.8	719.0	541.5
37.5°	2304.0	2319.3	2331.4	2336.8	2337.9	2084.7	1633.2	1210.1	848.4	561.2	403.4
40°	2604.3	2620.7	2617.4	2628.4	2565.9	2135.2	1578.4	1086.2	673.0	412.1	311.3
42.5°	2893.7	2895.8	2900.2	2890.4	2763.2	2161.5	1501.6	935.0	504.2	308.0	266.3
45°	3217.0	3198.4	3177.5	3162.2	2945.2	2171.3	1396.4	750.8	356.2	258.7	246.6
47.5°	3520.6	3495.4	3452.7	3408.8	3107.4	2156.0	1261.6	562.3	270.7	236.8	233.5
50°	3818.7	3771.6	3711.3	3660.9	3263.0	2133.0	1112.5	405.5	236.8	225.8	222.5
52.5°	4188.1	4109.2	4030.3	3964.5	3465.8	2096.8	955.8	308.0	222.5	217.0	212.6
55°	4694.5	4584.9	4457.8	4365.7	3740.9	2042.0	791.4	260.9	215.9	211.5	205.0
57.5°	5396.0	5231.6	5088.0	4937.8	4116.9	1986.1	650.0	242.2	214.8	208.3	199.5
60°	6112.8	5915.5	5732.5	5517.7	4500.5	1930.2	551.3	240.0	218.1	208.3	195.1
62.5°	6485.5	6281.6	6061.3	5843.2	4666.0	1798.7	483.4	243.3	225.8	211.5	195.1
65°	6400.0	6151.2	5927.6	5705.1	4474.2	1549.9	408.8	247.7	241.1	224.7	198.4
67°	5970.3	5710.6	5495.7	5283.1	4046.7	1297.8	350.7	252.1	257.6	240.0	205.0
67.5°	5819.1	5559.3	5347.8	5140.6	3920.7	1245.1	336.5	254.3	260.9	244.4	207.2
70°	4824.9	4634.2	4409.5	4249.5	3174.2	921.8	276.2	258.7	280.6	269.6	217.0
72.5°	3472.4	3290.4	3121.6	3032.9	2337.9	644.5	232.4	254.3	292.7	283.9	221.4
75°	1845.8	1834.8	1773.5	1817.3	1446.8	420.9	205.0	237.8	279.5	259.8	206.1
77.5°	372.7	383.6	450.5	443.9	466.9	234.6	175.4	203.9	215.9	190.7	167.7
80°	173.2	169.9	166.6	168.8	165.5	150.2	142.5	160.0	150.2	122.8	111.8
82.5°	107.4	105.2	101.9	100.8	111.8	119.5	125.0	126.0	99.7	85.5	82.2
85°	51.5	51.5	50.4	52.6	65.8	97.6	105.2	93.2	66.9	61.4	58.1
87.5°	9.9	9.9	11.0	9.9	13.2	23.0	26.3	30.7	25.2	26.3	29.6
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°	1090.6	1090.6	1090.6
2.5°	1057.7	1055.5	1055.5
5°	1035.8	1034.7	1034.7
7.5°	1030.3	1031.4	1030.3
10°	1051.1	1050.0	1054.4
12.5°	1097.2	1100.5	1099.4
15°	1145.4	1147.6	1147.6
17.5°	1159.7	1152.0	1150.9
20°	1122.4	1108.1	1104.8
22.5°	1052.2	1025.9	1027.0
25°	963.5	931.7	933.9
27.5°	860.4	826.4	825.3
30°	736.6	699.3	680.7
32.5°	587.5	542.6	542.6
35°	441.7	405.5	392.4
37.5°	335.4	314.6	308.0
40°	279.5	269.6	267.4
42.5°	254.3	251.0	249.9
45°	241.1	238.9	237.8
47.5°	229.1	228.0	226.9
50°	220.3	219.2	218.1
52.5°	212.6	210.4	209.4
55°	201.7	201.7	201.7
57.5°	195.1	195.1	194.0
60°	188.5	187.4	187.4
62.5°	183.0	180.9	181.9
65°	179.8	176.5	176.5
67°	177.6	171.0	171.0
67.5°	177.6	168.8	168.8
70°	174.3	160.0	157.8
72.5°	171.0	150.2	146.9
75°	162.2	142.5	139.2
77.5°	139.2	127.1	125.0
80°	107.4	93.2	95.4
82.5°	77.8	66.9	65.8
85°	55.9	48.2	48.2
87.5°	29.6	25.2	26.3
90°	0.0	0.0	0.0

(END OF REPORT)