

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: P154413

Luminaire Tested: **VXS-F05-LED-E1-T2-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P154413
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33671)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: VXS-F05-LED-E1-T2-8030
Description: VISION SITE SMALL LED LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 2
Light Source: (35) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10673.5 lumens
Efficiency: N/A
Efficacy: 80.1 lumens/watt
Luminous Opening: Rectangular (W 0.83' x L: 1' x H: 0')
IES Classification: Type II - Short - Semi-Cutoff
BUG Rating: B3 - U0 - G3

Input Watts (W): 133.3
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

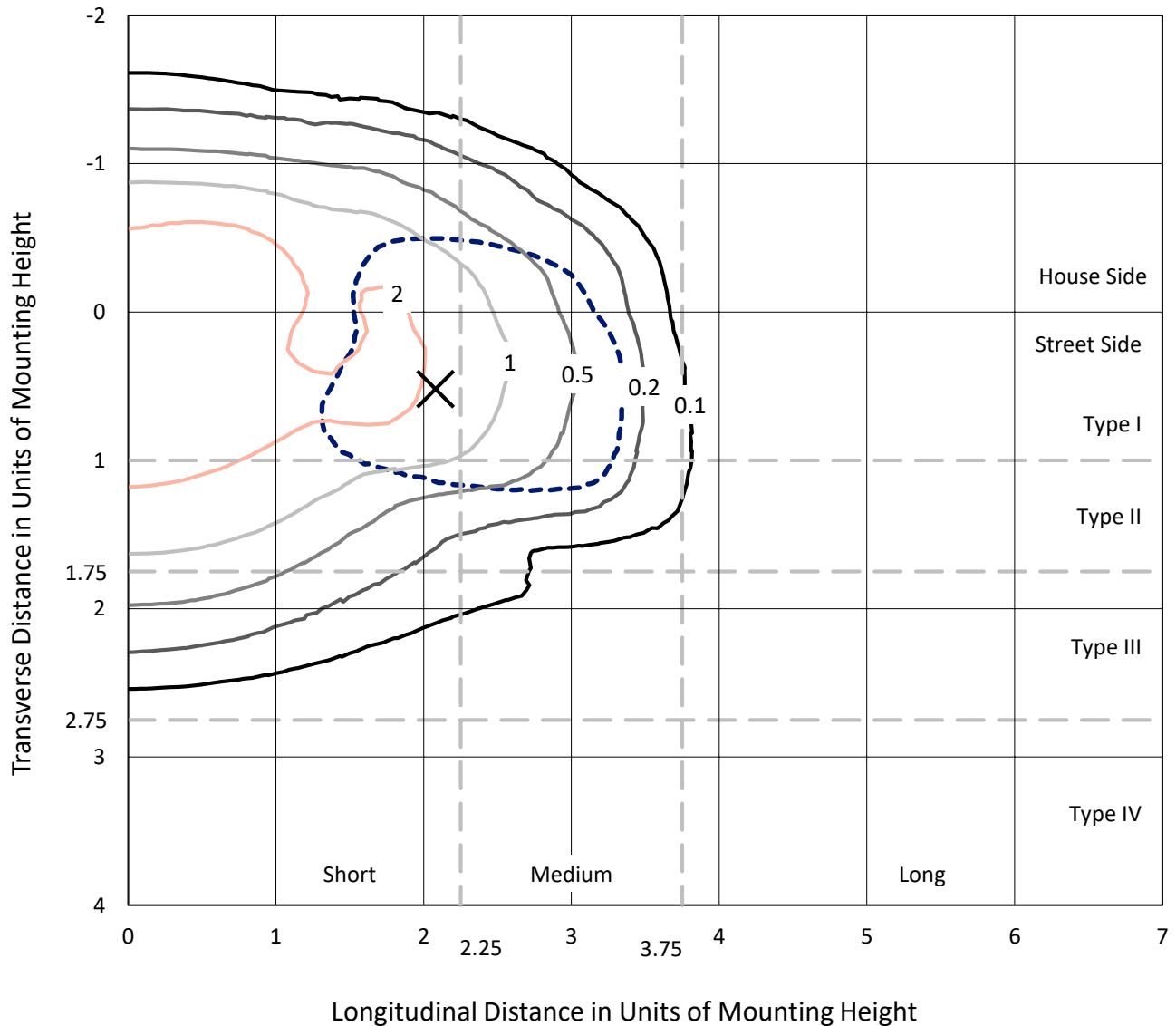


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

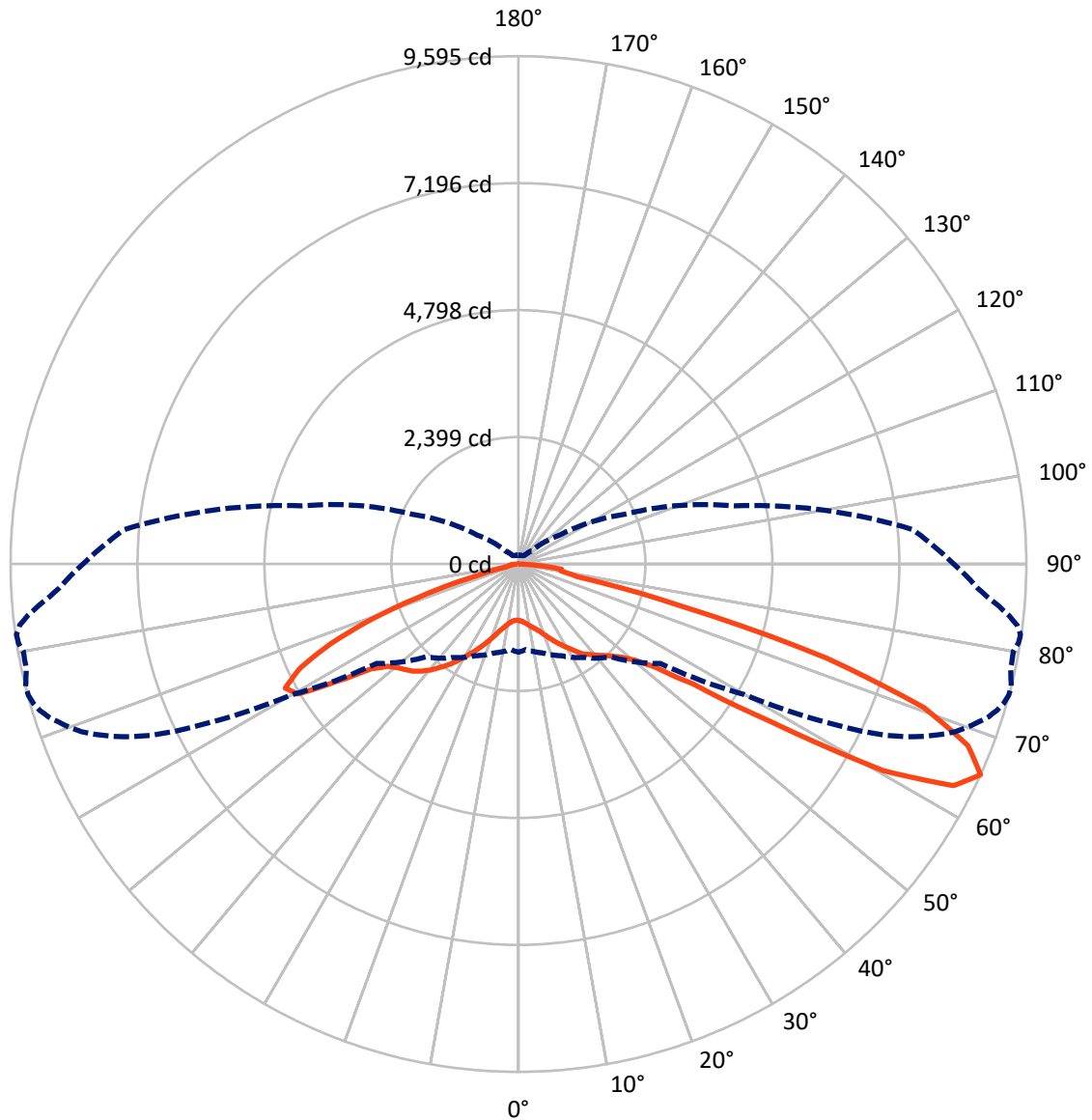


Based on 20 foot mounting height. Maximum calculated value = 3.3 fc
 Type II - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 76-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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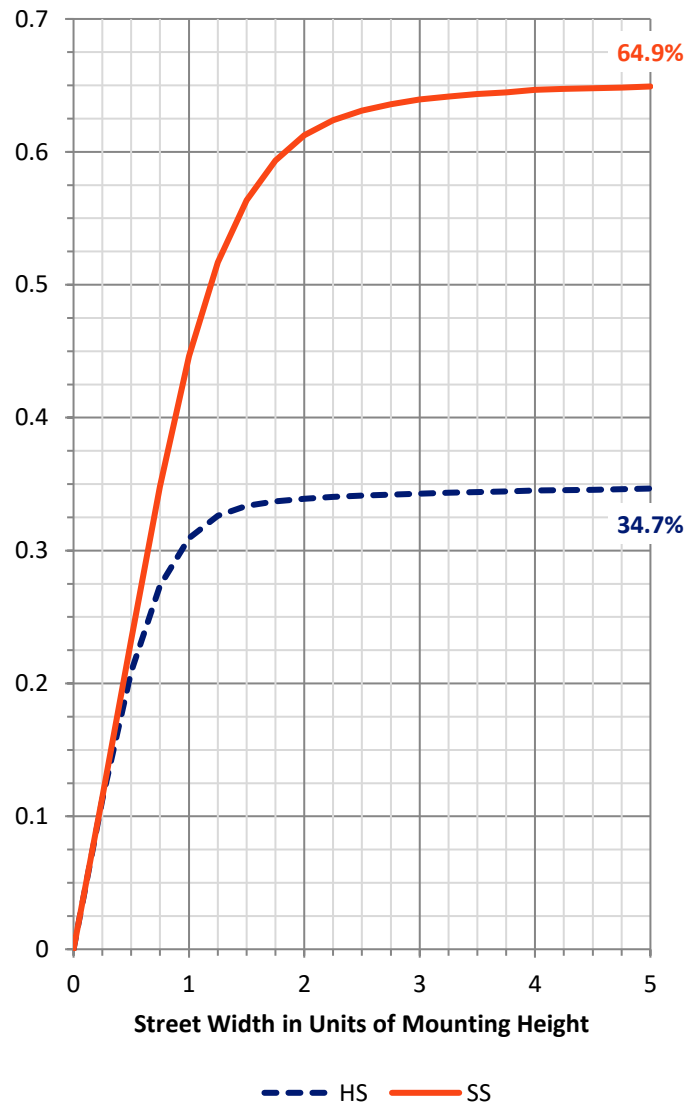
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3737.6	0.0	3737.6
	% Fixture	35.0	0.0	35.0
Street Side	Lumens	6935.9	0.0	6935.9
	% Fixture	65.0	0.0	65.0
Total	Lumens	10673.5	0.0	10673.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	106.9	1.0
10°-20°	367.1	3.4
20°-30°	721.1	6.8
30°-40°	1198.2	11.2
40°-50°	1760.6	16.5
50°-60°	2437.6	22.8
60°-70°	2909.4	27.3
70°-80°	1028.9	9.6
80°-90°	143.8	1.3
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°	10673.5	100.0
0°-180°	10673.5	100.0



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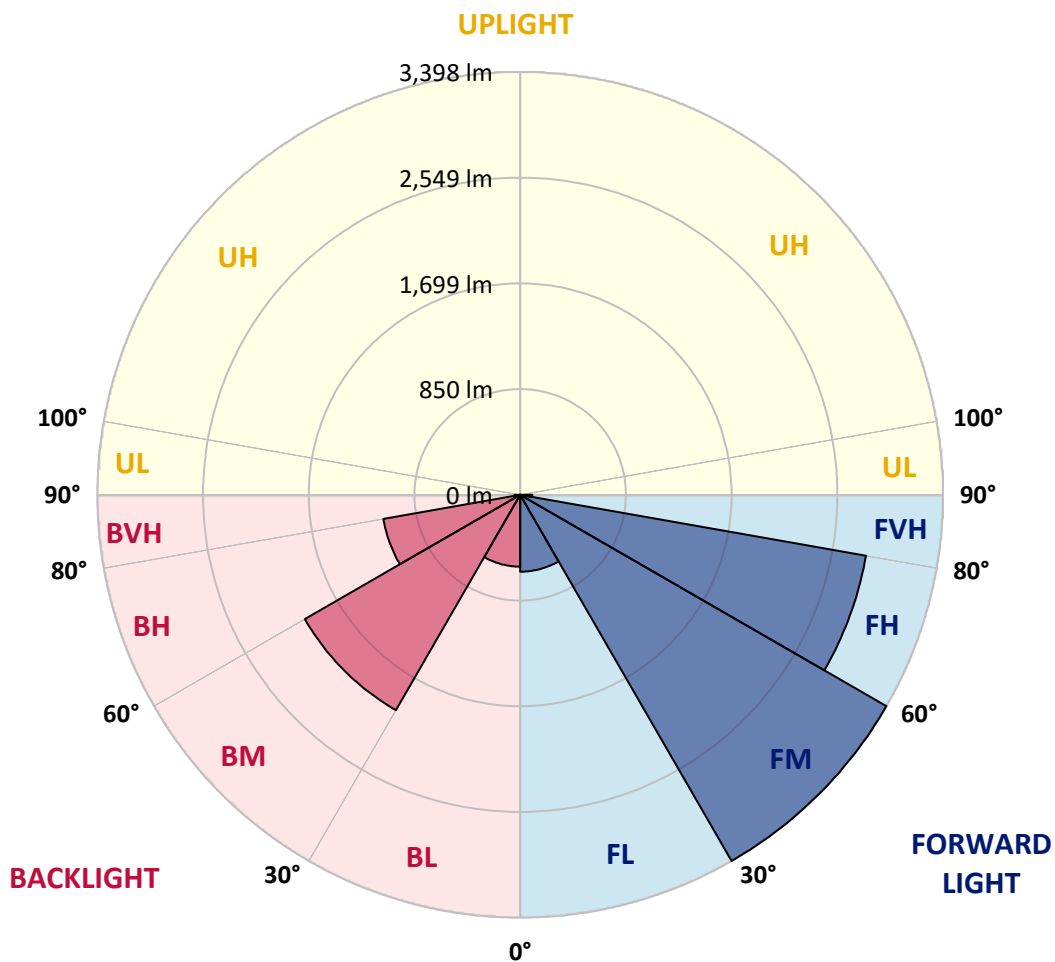
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	617.6	5.8			
FM (30°-60°)	3398.1	31.8			
FH (60°-80°)	2821.9	26.4			G2/5000
FVH (80°-90°)	98.3	0.9			G1/100
BL (0°-30°)	577.4	5.4	B2/1000		
BM (30°-60°)	1998.2	18.7	B2/2500		
BH (60°-80°)	1116.4	10.5	B3/2500		G3/2500
BVH (80°-90°)	45.5	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1067.2	1067.2	1067.2	1067.2	1067.2	1067.2	1067.2	1067.2	1067.2	1067.2	1067.2
2.5°	1113.6	1114.8	1112.4	1111.3	1107.8	1102.0	1097.4	1092.7	1092.7	1092.7	1089.2
5°	1162.4	1164.7	1160.1	1156.6	1146.1	1140.3	1132.2	1126.4	1124.0	1122.9	1119.4
7.5°	1223.9	1220.4	1213.5	1211.2	1203.0	1190.3	1175.1	1163.5	1163.5	1162.4	1163.5
10°	1285.5	1276.2	1272.7	1269.2	1256.5	1240.2	1222.8	1209.9	1208.8	1207.7	1204.1
12.5°	1347.0	1343.5	1340.1	1327.3	1314.5	1288.9	1269.2	1256.5	1255.3	1256.5	1251.8
15°	1428.3	1420.2	1416.7	1394.6	1366.7	1338.9	1314.5	1302.9	1299.4	1300.6	1297.1
17.5°	1491.0	1491.0	1482.9	1458.5	1422.5	1384.1	1358.7	1351.7	1350.5	1350.5	1351.7
20°	1540.9	1539.8	1531.6	1511.9	1468.9	1430.7	1417.8	1415.5	1414.4	1414.4	1417.8
22.5°	1568.8	1566.5	1563.0	1540.9	1507.3	1481.8	1482.9	1489.8	1492.1	1494.5	1499.2
25°	1582.8	1579.3	1578.1	1563.0	1538.7	1535.1	1556.1	1574.6	1579.3	1583.9	1589.7
27.5°	1606.0	1600.2	1602.5	1596.7	1590.9	1601.3	1644.2	1664.0	1667.6	1673.4	1676.8
30°	1669.8	1667.6	1676.8	1679.2	1683.7	1698.9	1738.3	1756.9	1765.1	1765.1	1781.3
32.5°	1791.8	1793.0	1795.2	1819.7	1827.8	1838.2	1859.2	1874.2	1875.3	1876.6	1891.6
35°	1955.5	1962.5	1982.2	2003.1	2022.9	2021.7	2008.9	2017.1	2011.2	2018.2	2019.4
37.5°	2162.2	2153.0	2182.0	2229.5	2259.8	2251.6	2194.7	2157.5	2168.0	2163.3	2159.9
40°	2321.2	2331.7	2387.5	2450.2	2473.4	2499.0	2424.7	2360.7	2351.5	2334.1	2323.6
42.5°	2540.7	2542.0	2587.3	2633.7	2701.0	2756.8	2709.1	2617.4	2589.5	2568.6	2523.3
45°	2743.9	2740.5	2777.6	2834.5	2914.7	2994.8	3012.2	2912.3	2901.9	2864.8	2805.5
47.5°	2879.8	2875.2	2900.7	2975.0	3105.1	3236.4	3308.3	3278.1	3258.4	3243.3	3150.4
50°	2971.6	2962.3	2991.3	3070.3	3215.4	3417.5	3605.6	3631.2	3623.0	3623.0	3563.8
52.5°	3040.1	3040.1	3061.0	3124.9	3272.3	3524.4	3861.0	3989.9	4000.4	4012.0	4008.6
55°	3001.8	3007.6	3059.8	3152.7	3308.3	3598.7	4072.4	4354.6	4412.6	4461.5	4517.2
57.5°	2870.6	2890.3	2960.0	3112.1	3317.6	3654.4	4306.9	4865.5	5029.2	5171.0	5391.6
60°	2679.0	2704.5	2805.5	2999.5	3249.1	3563.8	4389.4	5297.5	5557.6	5866.5	6442.5
62.5°	2350.4	2375.9	2474.6	2668.5	2882.2	3216.6	4048.1	5361.3	5777.1	6214.9	7085.8
65°	1665.2	1624.6	1738.3	1912.5	2157.5	2481.6	3271.2	4932.8	5530.9	6124.4	7199.6
67.5°	927.8	924.4	994.0	1124.0	1358.7	1707.0	2254.0	3783.3	4333.7	5006.0	6326.3
70°	639.8	646.8	690.9	831.4	1025.4	1326.1	1606.0	2375.9	2771.8	3228.2	4526.4
72.5°	449.4	464.5	488.9	572.4	771.1	1117.1	1640.8	1420.2	1617.6	1928.8	2721.9
75°	263.6	274.1	291.5	332.1	439.0	746.6	1698.9	1248.3	1248.3	1321.5	1646.6
77.5°	162.6	162.6	173.1	189.3	233.4	365.8	1209.9	1402.8	1363.3	1321.5	1325.0
80°	83.6	89.4	104.6	112.6	130.1	167.3	543.4	1308.7	1435.2	1520.0	1460.8
82.5°	38.3	43.0	63.8	68.5	75.4	88.3	186.9	744.4	997.5	1313.4	1640.8
85°	19.7	19.7	33.7	41.8	45.3	40.6	68.5	300.7	455.2	694.4	1086.9
87.5°	3.5	3.5	5.8	6.9	10.5	9.3	11.6	17.4	29.0	31.4	32.5
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):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1067.2	1067.2	1067.2	1067.2	1067.2	1067.2	1067.2	1067.2	1067.2	1067.2	1067.2
2.5°	1088.1	1089.2	1088.1	1086.9	1084.6	1084.6	1084.6	1083.4	1083.4	1083.4	1082.3
5°	1119.4	1114.8	1116.0	1113.6	1112.4	1111.3	1112.4	1110.2	1107.8	1109.0	1107.8
7.5°	1158.9	1156.6	1151.9	1151.9	1150.8	1148.5	1148.5	1145.0	1143.8	1141.5	1140.3
10°	1203.0	1197.2	1199.6	1197.2	1198.3	1193.8	1191.4	1189.1	1186.7	1186.7	1188.0
12.5°	1248.3	1247.2	1243.6	1241.3	1241.3	1237.8	1239.1	1237.8	1234.4	1233.3	1229.7
15°	1294.8	1294.8	1291.3	1292.4	1291.3	1288.9	1286.6	1286.6	1284.4	1282.0	1283.1
17.5°	1349.3	1349.3	1349.3	1349.3	1350.5	1347.0	1348.2	1345.9	1343.5	1348.2	1348.2
20°	1420.2	1424.9	1424.9	1423.6	1429.4	1426.0	1424.9	1430.7	1424.9	1433.0	1431.8
22.5°	1501.5	1506.1	1506.1	1510.8	1511.9	1515.4	1517.7	1515.4	1520.0	1524.7	1524.7
25°	1592.0	1596.7	1600.2	1607.2	1610.6	1608.3	1609.4	1615.2	1617.6	1622.3	1626.8
27.5°	1687.3	1688.4	1693.1	1701.2	1707.0	1709.3	1710.5	1719.8	1720.9	1723.2	1727.9
30°	1780.2	1791.8	1789.4	1799.9	1803.4	1806.8	1813.9	1817.3	1825.5	1830.1	1830.1
32.5°	1889.3	1886.9	1896.3	1904.5	1910.3	1916.1	1921.9	1926.4	1931.1	1933.5	1945.1
35°	2025.2	2029.8	2029.8	2031.0	2044.9	2046.1	2050.7	2061.1	2064.7	2071.6	2076.3
37.5°	2159.9	2151.7	2150.6	2150.6	2145.9	2149.4	2150.6	2151.7	2156.4	2157.5	2162.2
40°	2310.9	2300.4	2291.1	2285.3	2276.0	2263.2	2260.9	2255.1	2258.5	2257.4	2258.5
42.5°	2517.5	2488.5	2466.4	2450.2	2431.6	2417.7	2407.3	2392.1	2381.7	2368.9	2366.5
45°	2781.1	2726.5	2689.4	2662.7	2636.0	2597.6	2575.6	2552.3	2531.5	2510.6	2493.2
47.5°	3127.2	3069.1	3009.9	2961.1	2919.3	2857.8	2795.0	2760.2	2719.6	2683.6	2658.0
50°	3534.8	3465.1	3437.2	3368.7	3316.5	3223.5	3145.8	3088.9	3007.6	2953.0	2905.4
52.5°	3951.6	3934.2	3919.2	3861.0	3799.5	3746.1	3677.6	3577.7	3495.3	3432.5	3335.0
55°	4519.5	4527.7	4521.9	4490.5	4468.4	4417.3	4389.4	4302.4	4265.2	4174.6	4072.4
57.5°	5475.1	5540.2	5622.7	5655.1	5699.3	5657.5	5706.2	5765.5	5618.0	5669.1	5577.4
60°	6695.6	6994.1	7171.7	7390.1	7532.8	7732.6	7768.6	7820.8	7805.8	7834.8	7894.0
62.5°	7441.1	7795.3	8135.5	8382.9	8647.7	8794.0	8970.5	9093.6	9221.2	9307.3	9282.8
65°	7660.6	8025.2	8334.1	8604.7	8841.6	9020.4	9184.1	9338.5	9455.9	9538.3	9587.0
67.5°	6854.7	7330.8	7656.0	7973.0	8278.3	8466.5	8603.5	8753.4	8925.2	9068.0	9095.9
70°	5158.1	5872.3	6333.4	6713.1	7071.9	7325.0	7516.6	7656.0	7789.5	7891.7	8003.2
72.5°	3225.9	3850.7	4377.8	4870.2	5251.1	5599.5	5760.8	6069.7	6029.1	6106.8	6190.5
75°	1933.5	2237.7	2528.0	2875.2	3074.9	3365.2	3417.5	3468.6	3441.9	3354.8	3419.8
77.5°	1343.5	1393.5	1391.2	1371.4	1350.5	1299.4	1233.3	1197.2	1172.8	1138.0	1151.9
80°	1351.7	1243.6	1078.8	906.9	749.0	644.5	602.7	602.7	645.6	707.2	768.7
82.5°	1615.2	1500.3	1337.7	1119.4	887.2	722.3	611.9	567.9	576.0	638.7	717.6
85°	1089.2	1114.8	977.7	894.1	708.4	551.6	462.2	375.0	332.1	342.6	387.9
87.5°	39.5	47.6	17.4	23.2	16.3	13.9	13.9	15.1	10.5	12.7	11.6
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°	1067.2	1067.2	1067.2	1067.2	1067.2	1067.2	1067.2	1067.2	1067.2	1067.2	1067.2
2.5°	1081.1	1079.9	1079.9	1077.6	1077.6	1076.5	1076.5	1075.3	1074.1	1074.1	1073.0
5°	1106.6	1105.5	1103.2	1102.0	1099.7	1099.7	1098.5	1096.2	1096.2	1093.9	1092.7
7.5°	1142.7	1140.3	1138.0	1136.9	1135.6	1132.2	1132.2	1129.8	1129.8	1127.6	1126.4
10°	1185.6	1183.3	1180.9	1182.2	1178.7	1177.5	1175.1	1175.1	1171.7	1170.5	1170.5
12.5°	1232.0	1230.9	1230.9	1227.5	1226.2	1225.1	1220.4	1220.4	1220.4	1218.1	1219.3
15°	1282.0	1283.1	1279.7	1283.1	1282.0	1278.5	1278.5	1278.5	1273.9	1279.7	1275.0
17.5°	1349.3	1352.8	1350.5	1351.7	1349.3	1349.3	1350.5	1349.3	1351.7	1351.7	1358.7
20°	1433.0	1434.1	1439.9	1437.6	1437.6	1436.5	1438.8	1439.9	1444.6	1442.3	1446.8
22.5°	1524.7	1530.5	1531.6	1536.3	1536.3	1535.1	1537.5	1542.1	1544.5	1547.9	1546.7
25°	1629.2	1632.6	1637.3	1631.5	1640.8	1640.8	1643.1	1648.9	1650.1	1650.1	1658.2
27.5°	1726.7	1736.1	1737.2	1743.0	1739.5	1741.9	1749.9	1753.5	1758.1	1758.1	1760.4
30°	1837.1	1840.5	1842.9	1849.8	1848.7	1849.8	1851.0	1856.8	1856.8	1862.6	1868.4
32.5°	1950.9	1953.2	1955.5	1962.5	1964.8	1969.4	1967.2	1971.7	1977.6	1978.8	1982.2
35°	2086.7	2089.0	2091.4	2101.9	2103.0	2111.1	2113.5	2111.1	2120.4	2114.6	2120.4
37.5°	2165.7	2176.2	2178.4	2185.4	2183.1	2188.9	2192.4	2197.0	2199.4	2204.0	2213.3
40°	2262.1	2265.6	2272.5	2276.0	2280.6	2281.8	2286.4	2289.9	2293.5	2303.8	2314.3
42.5°	2360.7	2365.4	2368.9	2373.6	2379.4	2384.0	2387.5	2397.9	2400.2	2407.3	2426.9
45°	2480.4	2478.0	2479.2	2480.4	2482.7	2488.5	2499.0	2509.4	2516.4	2532.6	2548.9
47.5°	2629.0	2613.9	2608.1	2598.9	2601.1	2613.9	2616.3	2633.7	2647.6	2662.7	2682.4
50°	2854.3	2813.7	2789.2	2764.9	2762.6	2769.5	2778.9	2797.4	2813.7	2833.4	2861.2
52.5°	3232.8	3155.0	3106.3	3039.0	3020.3	3016.9	3009.9	3020.3	3025.0	3051.7	3103.9
55°	3999.3	3855.2	3762.4	3657.8	3560.3	3531.3	3475.5	3487.2	3475.5	3491.8	3569.6
57.5°	5599.5	5484.5	5393.9	5260.3	5093.2	4915.4	4871.3	4689.0	4725.1	4829.5	4762.2
60°	7923.0	7881.2	7816.2	7752.3	7523.6	7394.7	7184.5	7161.2	7013.8	7014.9	6918.5
62.5°	9223.6	9277.0	9237.5	9219.0	9206.2	9165.6	9061.0	8935.6	8747.6	8611.6	8411.9
65°	9595.2	9549.9	9506.9	9501.1	9497.6	9563.8	9579.0	9490.7	9320.0	9108.7	8878.8
67.5°	9162.1	9136.5	9138.9	9090.1	9120.3	9235.2	9315.3	9291.0	9134.2	8878.8	8586.1
70°	8130.9	8080.9	8132.0	8196.0	8241.2	8307.5	8387.6	8407.3	8264.5	8002.0	7703.5
72.5°	6088.3	6096.5	6145.2	6162.6	6345.0	6326.3	6398.3	6163.8	6060.4	5810.8	5657.5
75°	3203.8	3151.6	3287.5	2999.5	2881.0	2963.4	2732.3	2510.6	2557.0	2595.3	2319.0
77.5°	1132.2	1059.1	934.8	884.9	736.2	623.6	509.7	459.9	433.2	419.2	401.8
80°	812.8	836.1	810.6	750.2	637.5	511.0	402.9	318.1	272.8	248.5	232.2
82.5°	822.2	913.9	954.5	937.1	834.9	631.7	416.9	265.9	197.4	164.9	153.3
85°	441.2	483.1	464.5	391.3	351.8	210.2	144.0	96.4	81.2	74.3	68.5
87.5°	17.4	13.9	11.6	11.6	12.7	13.9	11.6	12.7	11.6	11.6	11.6
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°	1067.2	1067.2	1067.2	1067.2	1067.2	1067.2	1067.2	1067.2	1067.2	1067.2	1067.2
2.5°	1070.7	1070.7	1070.7	1069.5	1067.2	1061.3	1055.5	1050.9	1047.5	1043.9	1039.3
5°	1091.5	1089.2	1089.2	1089.2	1079.9	1070.7	1062.5	1054.4	1047.5	1041.7	1037.0
7.5°	1126.4	1125.2	1120.6	1119.4	1112.4	1097.4	1088.1	1074.1	1066.0	1057.9	1055.5
10°	1168.2	1167.0	1165.9	1164.7	1155.4	1140.3	1128.7	1116.0	1104.4	1092.7	1081.1
12.5°	1217.0	1215.9	1214.6	1211.2	1207.7	1199.6	1186.7	1172.8	1158.9	1134.5	1121.8
15°	1277.3	1279.7	1277.3	1276.2	1273.9	1275.0	1266.9	1247.2	1225.1	1193.8	1167.0
17.5°	1357.5	1355.1	1354.0	1358.7	1357.5	1363.3	1360.9	1335.4	1301.8	1251.8	1205.4
20°	1445.7	1445.7	1450.4	1453.9	1464.4	1479.4	1472.4	1441.0	1379.6	1309.8	1249.4
22.5°	1551.4	1553.7	1558.3	1556.1	1572.3	1596.7	1599.0	1554.9	1474.7	1378.3	1293.6
25°	1661.8	1664.0	1659.4	1666.3	1693.1	1727.9	1734.9	1672.1	1566.5	1441.0	1330.8
27.5°	1766.2	1768.5	1768.5	1777.8	1803.4	1862.6	1869.5	1799.9	1659.4	1495.6	1357.5
30°	1868.4	1877.7	1880.0	1882.4	1920.6	2003.1	2018.2	1917.2	1740.7	1536.3	1376.1
32.5°	1997.3	2000.8	2005.4	2011.2	2055.3	2156.4	2156.4	2018.2	1793.0	1561.9	1379.6
35°	2135.5	2136.7	2147.2	2148.3	2211.0	2312.0	2292.2	2101.9	1830.1	1556.1	1354.0
37.5°	2219.1	2223.7	2234.2	2248.1	2314.3	2457.2	2411.9	2173.8	1837.1	1517.7	1296.0
40°	2322.5	2331.7	2342.2	2356.2	2454.8	2604.7	2512.8	2219.1	1808.0	1442.3	1208.8
42.5°	2433.9	2446.7	2463.0	2488.5	2605.8	2734.7	2589.5	2226.1	1741.9	1357.5	1105.5
45°	2559.4	2582.6	2601.1	2631.3	2763.7	2847.4	2636.0	2185.4	1658.2	1246.0	995.1
47.5°	2704.5	2723.1	2755.5	2788.1	2920.5	2923.9	2640.6	2106.4	1544.5	1134.5	877.9
50°	2883.3	2894.9	2943.7	2963.4	3087.7	3004.0	2606.9	1999.6	1424.9	1009.1	747.9
52.5°	3121.3	3137.6	3200.3	3230.6	3318.8	3113.3	2559.4	1883.5	1287.8	868.6	614.3
55°	3591.7	3662.5	3706.6	3758.9	3815.8	3360.6	2538.4	1759.3	1133.4	706.0	486.5
57.5°	4912.0	4888.8	4986.3	5104.8	5103.6	3926.1	2663.8	1652.4	951.1	540.0	373.9
60°	6879.1	6901.1	6851.2	6922.1	6696.8	4627.5	2835.8	1539.8	745.5	401.8	285.7
62.5°	8341.0	8213.4	8142.5	8058.9	7563.1	4704.1	2710.3	1308.7	542.3	282.2	219.5
65°	8687.2	8537.3	8385.2	8226.1	7478.3	4240.8	2223.7	960.3	350.7	193.9	174.2
67.5°	8345.7	8105.4	7911.4	7747.7	6852.4	3515.0	1625.7	589.9	200.9	156.8	148.6
70°	7460.8	7194.9	6881.5	6697.9	5770.2	2590.7	1041.7	318.1	154.4	139.4	135.9
72.5°	5461.2	5242.9	4900.4	4690.2	4143.2	1574.6	581.8	178.9	144.0	133.6	128.9
75°	2127.4	2013.6	1870.8	1882.4	1680.3	696.7	263.6	154.4	140.5	131.2	126.5
77.5°	365.8	356.5	329.7	329.7	375.0	254.3	175.3	155.6	139.4	128.9	120.7
80°	219.5	214.8	204.4	202.1	195.1	178.9	168.4	157.9	137.0	122.0	111.5
82.5°	144.0	138.1	134.7	133.6	145.2	156.8	157.9	156.8	130.1	105.7	90.6
85°	61.6	61.6	61.6	62.7	83.6	126.5	130.1	139.4	106.8	82.5	65.1
87.5°	10.5	12.7	12.7	13.9	15.1	27.9	34.8	45.3	36.0	34.8	31.4
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):

	165°	175°	180°
0°	1067.2	1067.2	1067.2
2.5°	1038.1	1035.9	1035.9
5°	1034.6	1032.3	1033.5
7.5°	1048.6	1043.9	1045.1
10°	1074.1	1069.5	1067.2
12.5°	1106.6	1100.8	1100.8
15°	1140.3	1126.4	1125.2
17.5°	1168.2	1150.8	1148.5
20°	1199.6	1176.4	1172.8
22.5°	1228.6	1197.2	1192.5
25°	1249.4	1211.2	1205.4
27.5°	1258.8	1213.5	1208.8
30°	1265.7	1214.6	1207.7
32.5°	1258.8	1204.1	1198.3
35°	1220.4	1161.2	1157.7
37.5°	1154.3	1088.1	1083.4
40°	1067.2	997.5	985.9
42.5°	955.6	890.7	877.9
45°	847.7	773.4	767.6
47.5°	731.6	660.7	664.2
50°	609.6	545.8	544.7
52.5°	493.5	437.8	434.3
55°	389.0	349.5	346.0
57.5°	307.8	286.8	283.3
60°	250.8	240.4	236.9
62.5°	202.1	198.5	197.4
65°	168.4	168.4	168.4
67.5°	146.3	147.5	147.5
70°	134.7	135.9	134.7
72.5°	130.1	133.6	133.6
75°	126.5	128.9	124.2
77.5°	124.2	125.4	117.3
80°	123.1	122.0	106.8
82.5°	106.8	103.3	90.6
85°	97.5	74.3	62.7
87.5°	49.9	34.8	26.7
90°	0.0	0.0	0.0

(END OF REPORT)