

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: P151037

Luminaire Tested: **VXS-F04-LED-E1-SL3-7060**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P151037
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: VXS-F04-LED-E1-SL3-7060
Description: VISION SITE SMALL LED LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (28) 5700K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10287.4 lumens
Efficiency: N/A
Efficacy: 100.7 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 1' x H: 0')
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B2 - U0 - G2

Input Watts (W): 102.2
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

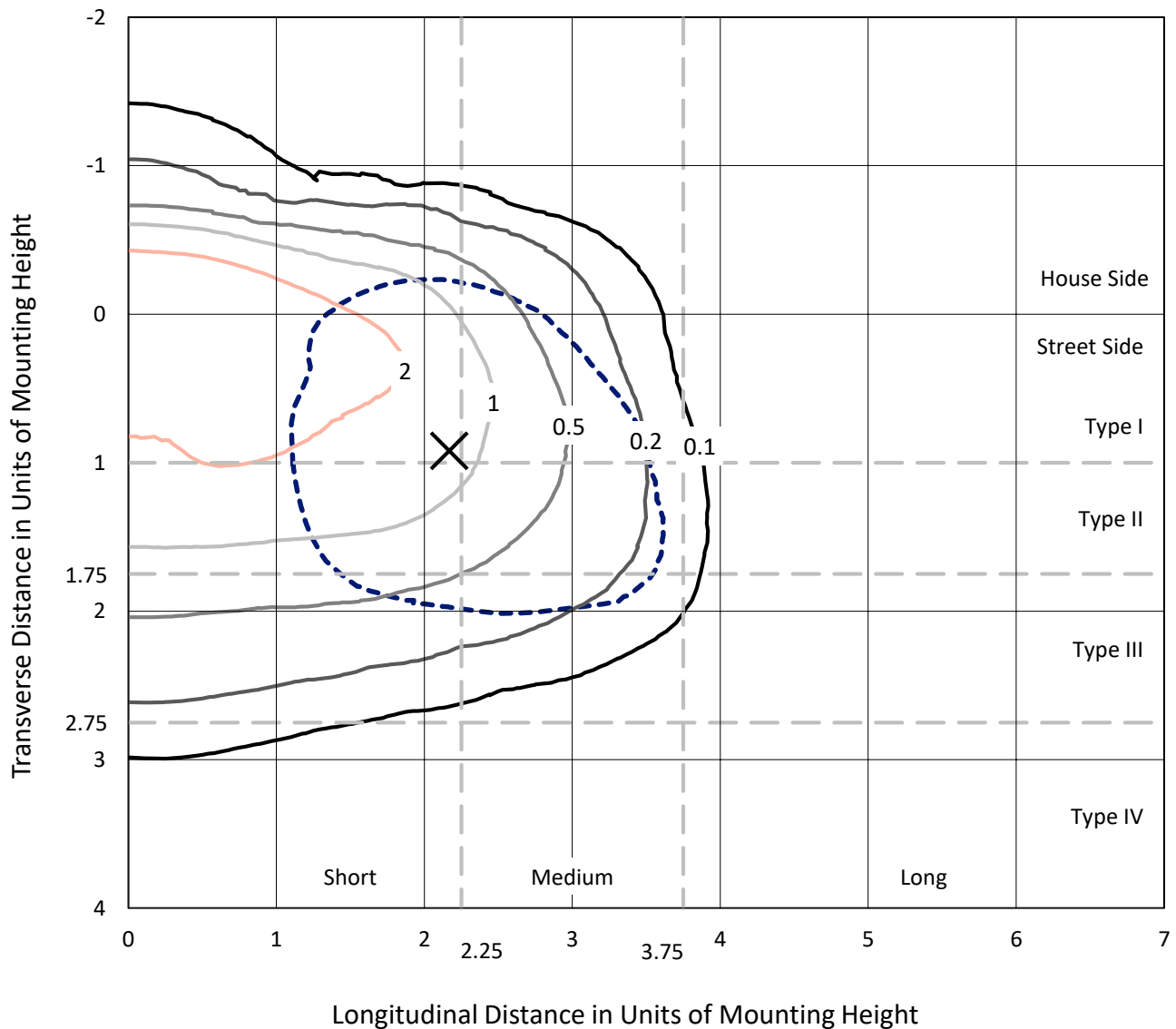


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

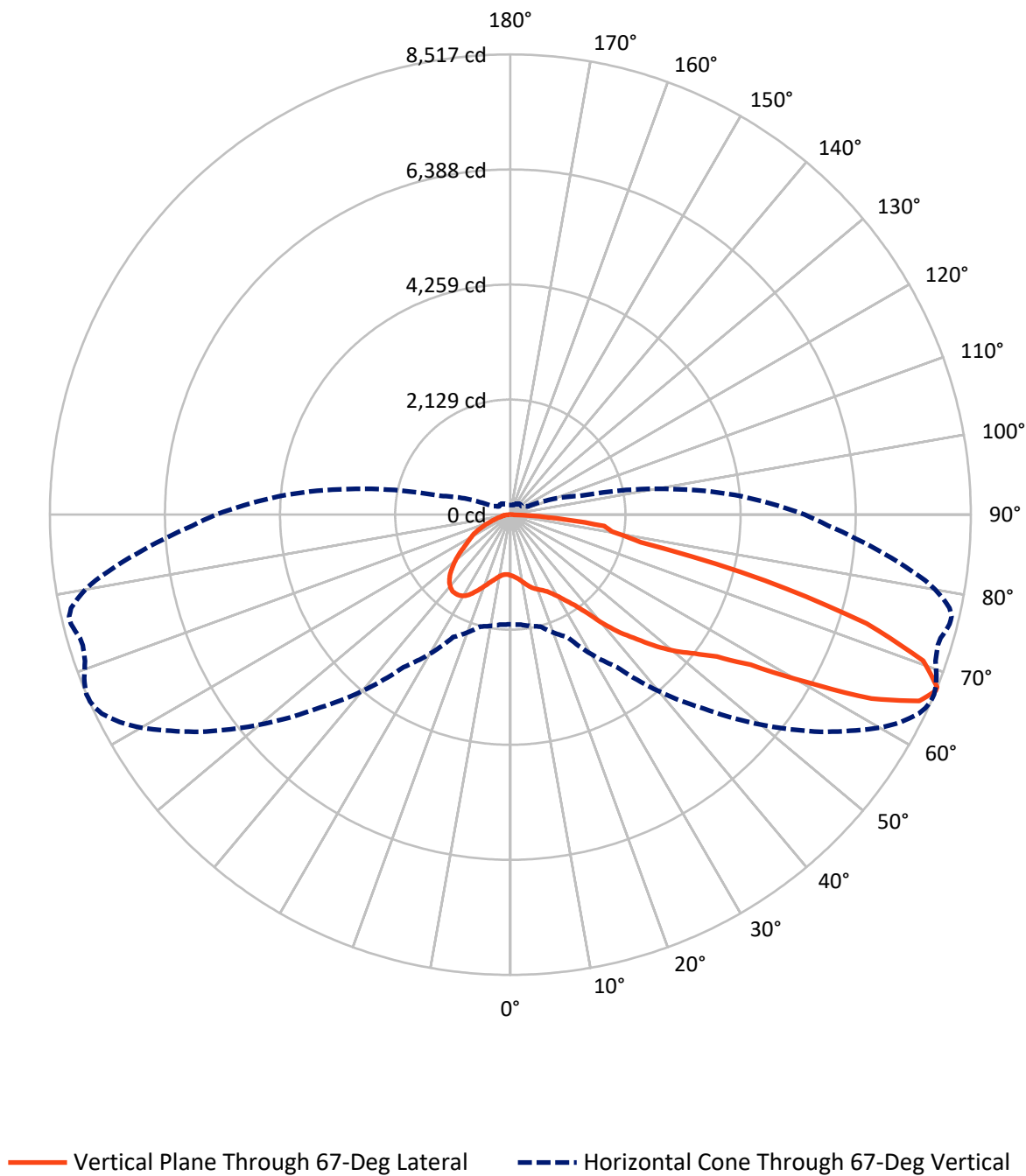


Based on 20 foot mounting height. Maximum calculated value = 3.6 fc
Type III - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2374.0	0.0	2374.0
	% Fixture	23.1	0.0	23.1
Street Side	Lumens	7913.5	0.0	7913.5
	% Fixture	76.9	0.0	76.9
Total	Lumens	10287.4	0.0	10287.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.9	1.1
10°-20°	383.6	3.7
20°-30°	677.4	6.6
30°-40°	972.4	9.5
40°-50°	1476.8	14.4
50°-60°	2174.3	21.1
60°-70°	2889.6	28.1
70°-80°	1413.7	13.7
80°-90°	187.7	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°	10287.4	100.0
0°-180°	10287.4	100.0

Coefficient of Utilization



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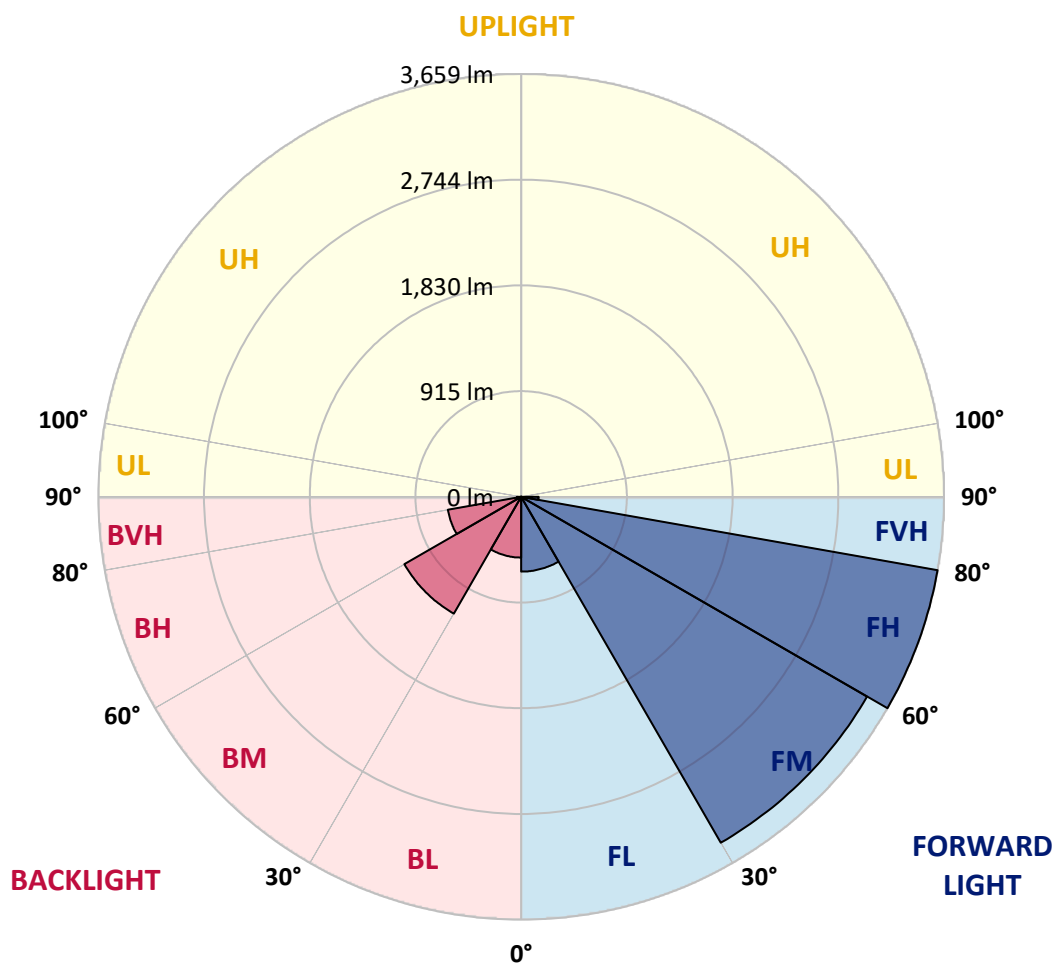
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	647.2	6.3			
FM	(30°-60°)	3456.3	33.6			
FH	(60°-80°)	3659.1	35.6			G2/5000
FVH	(80°-90°)	150.8	1.5			G2/225
BL	(0°-30°)	525.8	5.1	B2/1000		
BM	(30°-60°)	1167.1	11.3	B2/2500		
BH	(60°-80°)	644.1	6.3	B2/1000		G2/1000
BVH	(80°-90°)	36.9	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°	1123.8	1123.8	1123.8	1123.8	1123.8	1123.8	1123.8	1123.8	1123.8	1123.8	1123.8
2.5°	1176.9	1178.0	1175.8	1174.6	1167.9	1161.0	1156.6	1150.9	1150.9	1150.9	1148.6
5°	1243.5	1239.0	1242.4	1234.5	1220.9	1208.5	1196.1	1185.9	1183.6	1183.6	1179.2
7.5°	1323.7	1318.0	1315.8	1304.5	1284.1	1266.1	1241.2	1231.1	1225.4	1223.2	1220.9
10°	1420.8	1420.8	1406.1	1386.9	1359.8	1328.2	1301.1	1283.0	1281.9	1281.9	1271.7
12.5°	1520.2	1522.5	1503.3	1484.0	1440.0	1398.2	1366.6	1346.3	1345.2	1340.6	1335.0
15°	1611.7	1606.0	1593.7	1565.4	1516.8	1467.2	1427.6	1407.3	1402.8	1398.2	1394.8
17.5°	1687.4	1681.8	1665.9	1629.7	1579.0	1520.2	1471.6	1450.2	1448.0	1445.7	1441.1
20°	1734.8	1730.3	1707.7	1665.9	1612.8	1553.0	1501.0	1486.3	1481.9	1481.9	1479.6
22.5°	1762.0	1755.1	1722.4	1667.0	1615.1	1571.1	1528.1	1519.1	1515.8	1516.8	1516.8
25°	1775.4	1769.8	1723.5	1644.5	1594.7	1582.4	1564.2	1558.7	1559.8	1560.8	1563.1
27.5°	1777.7	1769.8	1715.6	1615.1	1568.8	1603.8	1616.3	1625.3	1625.3	1629.7	1637.7
30°	1760.8	1751.7	1699.8	1592.5	1557.5	1646.7	1696.4	1720.1	1729.1	1726.9	1745.0
32.5°	1731.4	1725.8	1683.9	1592.5	1589.1	1731.4	1819.5	1853.4	1857.9	1860.2	1880.5
35°	1721.2	1720.1	1702.1	1646.7	1687.4	1880.5	2014.9	2040.9	2046.5	2046.5	2061.2
37.5°	1719.0	1724.7	1745.0	1748.4	1860.2	2101.9	2278.0	2317.6	2317.6	2328.9	2328.9
40°	1719.0	1731.4	1808.2	1899.7	2071.4	2389.8	2633.9	2679.1	2679.1	2691.4	2684.7
42.5°	1785.6	1803.7	1930.2	2104.1	2337.9	2686.9	2967.0	3017.8	3021.2	3017.8	3028.0
45°	1916.7	1932.4	2086.1	2335.6	2612.3	3005.4	3285.5	3346.5	3334.1	3342.0	3345.4
47.5°	2090.6	2115.4	2290.5	2588.7	2880.1	3300.2	3642.4	3697.7	3693.3	3696.7	3682.0
50°	2275.9	2301.8	2497.2	2839.4	3146.6	3537.4	3929.3	4011.7	4003.8	4009.5	4017.4
52.5°	2439.6	2455.4	2644.0	3028.0	3348.8	3758.8	4149.5	4252.3	4270.4	4272.6	4278.3
55°	2536.7	2556.0	2728.7	3121.8	3495.6	3975.6	4401.5	4557.3	4592.2	4601.3	4626.1
57.5°	2570.6	2590.9	2747.9	3135.3	3575.8	4178.9	4752.6	5027.2	5056.5	5105.1	5184.1
60°	2569.4	2590.9	2727.6	3104.8	3657.1	4430.8	5299.3	5759.0	5908.1	5957.7	6070.7
62.5°	2464.5	2489.2	2628.2	3012.2	3761.0	4752.6	6112.5	6819.5	7011.5	7101.9	7223.8
65°	2234.0	2252.1	2382.0	2777.3	3731.6	5070.1	6792.4	7674.5	7849.5	7981.8	8199.7
67°	2029.6	2040.9	2142.5	2499.5	3444.8	5081.3	7007.0	7886.8	8039.3	8179.4	8404.1
67.5°	1977.6	2001.3	2080.4	2414.7	3337.5	5017.0	6992.3	7854.1	8009.9	8155.6	8392.8
70°	1609.4	1643.3	1682.9	1907.6	2623.6	4220.7	6473.9	7287.2	7423.7	7559.3	7890.3
72.5°	992.7	1053.8	1061.7	1203.9	1707.7	2917.3	5238.3	6145.3	6248.0	6345.2	6684.0
75°	585.1	594.1	622.3	737.5	1001.8	1743.8	3514.8	4565.2	4660.0	4707.5	4972.8
77.5°	326.4	335.4	359.2	458.5	770.3	1174.6	2046.5	2682.4	2740.0	2799.9	2757.0
80°	135.5	148.0	159.3	185.2	360.3	927.3	1407.3	1705.5	1742.7	1777.7	1821.8
82.5°	65.5	70.1	85.8	98.2	131.0	380.6	1103.4	1478.4	1522.5	1573.3	1676.1
85°	30.5	33.9	47.5	56.5	63.2	96.0	369.3	719.5	780.4	791.7	812.0
87.5°	2.3	2.3	5.6	7.9	11.3	12.4	38.4	54.2	61.0	55.3	70.1
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°	1123.8	1123.8	1123.8	1123.8	1123.8	1123.8	1123.8	1123.8	1123.8	1123.8	1123.8
2.5°	1147.5	1146.4	1144.1	1144.1	1143.0	1143.0	1143.0	1140.7	1140.7	1140.7	1139.6
5°	1178.0	1176.9	1173.5	1173.5	1171.2	1171.2	1167.9	1166.7	1164.5	1164.5	1163.3
7.5°	1217.5	1216.4	1211.9	1211.9	1208.5	1207.4	1205.1	1201.8	1201.8	1199.5	1197.2
10°	1271.7	1268.4	1267.3	1261.6	1262.7	1260.4	1258.2	1254.8	1252.5	1250.3	1248.0
12.5°	1332.7	1332.7	1327.0	1323.7	1325.9	1323.7	1319.2	1318.0	1314.6	1314.6	1311.3
15°	1390.4	1390.4	1388.1	1383.5	1384.7	1381.3	1380.2	1377.9	1373.4	1374.5	1373.4
17.5°	1440.0	1440.0	1436.7	1434.4	1434.4	1431.0	1432.1	1429.8	1427.6	1426.4	1423.1
20°	1479.6	1479.6	1477.3	1475.0	1476.2	1476.2	1472.7	1472.7	1472.7	1470.6	1470.6
22.5°	1517.9	1519.1	1519.1	1519.1	1520.2	1521.3	1520.2	1522.5	1521.3	1523.6	1523.6
25°	1568.8	1572.1	1574.4	1574.4	1580.1	1581.2	1582.4	1585.7	1585.7	1589.1	1590.3
27.5°	1644.5	1646.7	1655.8	1658.0	1659.2	1668.2	1669.3	1673.8	1678.3	1679.5	1680.6
30°	1748.4	1754.0	1760.8	1765.3	1765.3	1776.6	1781.1	1778.9	1791.3	1794.7	1799.2
32.5°	1887.3	1891.8	1898.5	1903.1	1907.6	1913.3	1914.4	1920.0	1930.2	1939.3	1933.6
35°	2062.4	2073.7	2062.4	2074.8	2078.1	2086.1	2083.8	2090.6	2095.1	2098.4	2097.4
37.5°	2316.5	2310.8	2308.6	2304.0	2296.2	2323.2	2309.7	2308.6	2301.8	2321.0	2308.6
40°	2650.8	2654.2	2657.5	2639.5	2629.3	2629.3	2625.9	2613.5	2607.9	2624.8	2622.6
42.5°	2999.8	3003.2	2987.4	2976.1	2950.1	2946.7	2930.9	2927.5	2921.9	2930.9	2921.9
45°	3317.1	3319.4	3284.4	3290.1	3269.7	3273.1	3248.3	3258.4	3244.9	3253.9	3270.9
47.5°	3671.8	3676.3	3645.8	3658.2	3637.9	3625.5	3624.4	3631.1	3616.5	3625.5	3630.1
50°	3993.7	3988.1	3972.2	3975.6	3966.5	3968.8	3955.2	3967.7	3950.8	3968.8	3966.5
52.5°	4279.4	4272.6	4269.2	4280.5	4272.6	4272.6	4264.8	4270.4	4272.6	4299.8	4305.4
55°	4626.1	4631.8	4637.4	4657.8	4666.8	4652.1	4666.8	4695.0	4696.2	4760.5	4795.5
57.5°	5183.0	5222.5	5242.8	5255.2	5308.3	5302.7	5336.6	5404.4	5411.1	5560.2	5647.2
60°	6154.3	6224.4	6291.0	6254.8	6362.1	6394.8	6415.2	6541.7	6581.2	6722.4	6798.0
62.5°	7380.8	7388.8	7492.6	7459.9	7520.9	7506.2	7531.1	7588.7	7640.6	7757.0	7828.1
65°	8237.0	8274.2	8314.9	8273.1	8272.0	8222.3	8190.7	8189.5	8221.1	8246.0	8325.1
67°	8469.6	8506.9	8517.1	8486.5	8442.5	8379.3	8320.5	8290.1	8269.7	8281.0	8330.7
67.5°	8467.4	8502.4	8514.8	8485.4	8424.5	8371.4	8309.2	8274.2	8247.2	8252.7	8294.6
70°	7986.2	8061.9	8102.6	8111.6	8103.7	8011.1	7958.0	7926.3	7903.7	7848.4	7845.1
72.5°	6766.4	6857.9	6889.5	6940.4	6963.0	6826.3	6768.7	6803.7	6724.7	6549.6	6557.5
75°	4968.4	4975.1	4869.0	4848.7	4773.0	4463.5	4370.9	4286.2	4150.7	3939.5	3740.7
77.5°	2589.7	2588.7	2466.7	2404.6	2314.2	2127.9	2118.9	1967.5	1861.3	1668.2	1598.1
80°	1839.9	1869.2	1909.8	1930.2	1898.5	1826.3	1726.9	1619.6	1496.5	1375.6	1231.1
82.5°	1711.1	1729.1	1750.7	1671.6	1627.6	1525.9	1450.2	1294.3	1207.4	1069.5	923.8
85°	832.4	887.8	844.8	795.1	778.1	608.8	588.4	491.3	446.1	367.0	342.2
87.5°	53.1	65.5	58.8	53.1	46.3	26.0	35.0	24.9	26.0	19.2	16.9
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):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1123.8	1123.8	1123.8	1123.8	1123.8	1123.8	1123.8	1123.8	1123.8	1123.8	1123.8
2.5°	1139.6	1138.4	1137.3	1136.2	1135.1	1135.1	1134.0	1132.8	1131.7	1129.4	1129.4
5°	1161.0	1161.0	1159.9	1157.7	1157.7	1155.4	1152.0	1150.9	1150.9	1148.6	1146.4
7.5°	1196.1	1194.9	1192.6	1191.5	1189.3	1187.0	1184.8	1182.5	1181.3	1178.0	1176.9
10°	1249.1	1246.9	1241.2	1239.0	1237.8	1235.6	1233.4	1231.1	1227.7	1225.4	1224.4
12.5°	1309.0	1307.9	1303.3	1305.6	1300.0	1297.7	1295.4	1289.8	1292.1	1287.6	1285.3
15°	1368.9	1370.1	1367.8	1367.8	1363.2	1359.8	1357.6	1353.1	1351.9	1349.6	1347.5
17.5°	1422.0	1424.2	1420.8	1418.5	1416.3	1414.1	1409.5	1405.0	1405.0	1400.5	1398.2
20°	1470.6	1472.7	1471.6	1469.4	1466.0	1464.9	1462.6	1459.3	1459.3	1457.0	1453.6
22.5°	1525.9	1527.0	1527.0	1525.9	1522.5	1523.6	1521.3	1517.9	1519.1	1514.6	1514.6
25°	1592.5	1594.7	1597.0	1598.1	1595.9	1597.0	1594.7	1592.5	1591.4	1592.5	1591.4
27.5°	1683.9	1686.2	1693.1	1687.4	1693.1	1694.2	1690.8	1686.2	1689.6	1695.2	1691.9
30°	1804.9	1802.6	1811.6	1812.7	1811.6	1812.7	1810.5	1807.0	1809.3	1819.5	1813.9
32.5°	1940.4	1944.9	1947.2	1949.4	1952.7	1957.3	1953.9	1950.6	1956.2	1952.7	1960.7
35°	2104.1	2114.3	2117.7	2114.3	2116.6	2124.5	2123.3	2124.5	2135.8	2124.5	2139.2
37.5°	2310.8	2321.0	2328.9	2324.4	2330.1	2330.1	2339.1	2363.9	2348.1	2368.4	2384.2
40°	2611.3	2627.0	2628.2	2627.0	2632.7	2639.5	2648.5	2675.6	2657.5	2679.1	2693.7
42.5°	2920.7	2939.9	2946.7	2935.4	2947.8	2962.5	2963.6	2987.4	2988.5	2991.9	2999.8
45°	3269.7	3286.6	3300.2	3294.5	3295.6	3314.9	3310.4	3333.0	3316.1	3316.1	3320.5
47.5°	3641.3	3657.1	3666.1	3675.1	3663.8	3680.8	3688.7	3684.2	3663.8	3659.4	3632.2
50°	3980.1	3993.7	4007.3	4032.1	4031.0	4038.9	4044.5	4024.1	4019.7	3994.8	3964.4
52.5°	4339.3	4374.3	4404.8	4456.8	4464.7	4491.7	4481.6	4447.7	4442.1	4401.5	4360.7
55°	4839.6	4940.1	4984.1	5064.4	5118.5	5117.5	5094.9	5089.2	5046.3	4965.0	4916.5
57.5°	5710.5	5867.5	5943.1	6046.9	6063.9	6053.8	6024.4	5972.4	5897.9	5761.2	5673.2
60°	6967.5	7064.6	7152.7	7177.5	7189.9	7170.8	7068.0	6952.7	6807.2	6618.4	6461.5
62.5°	7917.3	8016.7	8082.3	8072.0	7994.1	7895.9	7745.7	7552.5	7348.1	7136.9	6902.0
65°	8400.7	8442.5	8432.3	8353.3	8220.0	8048.4	7829.2	7590.9	7350.4	7100.7	6856.8
67°	8374.7	8375.9	8306.9	8153.4	7982.8	7767.2	7499.5	7239.7	6957.3	6695.3	6405.0
67.5°	8328.5	8323.9	8228.0	8059.7	7875.5	7653.1	7375.2	7106.4	6813.9	6549.6	6249.1
70°	7804.4	7741.1	7524.2	7255.4	6999.1	6698.7	6407.3	6099.0	5769.1	5542.2	5196.5
72.5°	6413.0	6199.5	5825.6	5544.4	5269.9	4876.9	4695.0	4312.2	4080.6	3936.1	3675.1
75°	3713.6	3535.1	3246.0	2982.8	2849.5	2616.9	2506.2	2225.0	2166.2	2164.0	2073.7
77.5°	1417.4	1236.7	1050.4	845.9	719.5	571.5	503.7	450.7	409.9	438.2	397.5
80°	1062.8	874.2	683.3	497.0	354.6	262.1	224.8	207.8	197.6	189.7	184.1
82.5°	791.7	624.6	484.6	316.3	221.3	167.2	144.6	135.5	131.0	123.1	116.4
85°	267.7	214.6	169.4	117.5	92.6	75.6	70.1	67.8	64.4	58.8	55.3
87.5°	14.7	13.6	14.7	11.3	13.6	11.3	12.4	12.4	12.4	11.3	11.3
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):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1123.8	1123.8	1123.8	1123.8	1123.8	1123.8	1123.8	1123.8	1123.8	1123.8	1123.8
2.5°	1128.3	1128.3	1128.3	1126.0	1122.7	1115.9	1109.1	1103.4	1097.8	1094.4	1092.1
5°	1145.3	1143.0	1141.9	1140.7	1132.8	1119.3	1106.8	1095.5	1084.2	1075.2	1071.8
7.5°	1175.8	1171.2	1170.1	1166.7	1156.6	1136.2	1118.1	1100.1	1084.2	1071.8	1066.2
10°	1222.1	1222.1	1215.2	1210.8	1199.5	1172.3	1146.4	1122.7	1101.2	1087.7	1084.2
12.5°	1280.8	1280.8	1275.1	1271.7	1258.2	1223.2	1191.5	1163.3	1143.0	1129.4	1128.3
15°	1341.8	1340.6	1336.2	1331.6	1316.9	1279.7	1248.0	1223.2	1206.2	1190.5	1185.9
17.5°	1396.0	1396.0	1390.4	1385.8	1371.1	1339.5	1311.3	1293.2	1274.0	1241.2	1216.4
20°	1450.2	1451.3	1446.8	1442.3	1429.8	1402.8	1390.4	1372.2	1329.3	1258.2	1199.5
22.5°	1510.1	1514.6	1508.9	1504.5	1494.2	1482.9	1478.4	1435.5	1345.2	1231.1	1145.3
25°	1586.8	1594.7	1588.0	1585.7	1580.1	1583.4	1569.9	1470.6	1322.6	1172.3	1065.1
27.5°	1691.9	1691.9	1693.1	1693.1	1690.8	1703.2	1653.5	1471.6	1272.8	1096.7	969.0
30°	1815.0	1821.8	1819.5	1819.5	1828.6	1836.5	1699.8	1446.8	1209.6	1002.9	851.6
32.5°	1963.0	1968.6	1970.9	1960.7	1996.9	1956.2	1716.8	1401.7	1131.7	886.6	711.5
35°	2141.5	2149.3	2154.9	2156.1	2179.8	2060.1	1707.7	1335.0	1019.9	740.9	557.9
37.5°	2374.1	2389.8	2402.3	2408.0	2409.1	2148.2	1682.9	1246.9	874.2	578.2	415.6
40°	2683.5	2700.5	2697.1	2708.4	2644.0	2200.1	1626.4	1119.3	693.5	424.7	320.7
42.5°	2981.7	2983.9	2988.5	2978.3	2847.3	2227.3	1547.4	963.4	519.6	317.4	274.4
45°	3314.9	3295.6	3274.2	3258.4	3034.8	2237.4	1438.9	773.7	367.0	266.5	254.1
47.5°	3627.8	3601.8	3557.7	3512.5	3202.0	2221.6	1300.0	579.4	279.0	243.9	240.5
50°	3934.9	3886.4	3824.2	3772.3	3362.3	2197.9	1146.4	417.9	243.9	232.6	229.3
52.5°	4315.5	4234.2	4153.0	4085.2	3571.3	2160.6	984.9	317.4	229.3	223.6	219.1
55°	4837.4	4724.5	4593.4	4498.5	3854.7	2104.1	815.4	268.8	222.5	218.0	211.2
57.5°	5560.2	5390.8	5242.8	5088.1	4242.2	2046.5	669.7	249.6	221.3	214.6	205.6
60°	6298.9	6095.5	5906.9	5685.6	4637.4	1988.9	568.1	247.4	224.8	214.6	201.0
62.5°	6682.9	6472.7	6245.8	6021.0	4808.0	1853.4	498.0	250.8	232.6	218.0	201.0
65°	6594.7	6338.3	6108.0	5878.8	4610.4	1597.0	421.2	255.2	248.5	231.5	204.5
67°	6152.0	5884.4	5663.0	5443.8	4169.8	1337.2	361.5	259.8	265.4	247.4	211.2
67.5°	5996.2	5728.5	5510.5	5297.0	4040.0	1283.0	346.7	262.1	268.8	251.8	213.5
70°	4971.8	4775.2	4543.7	4378.9	3270.9	949.8	284.7	266.5	289.1	277.8	223.6
72.5°	3578.0	3390.6	3216.6	3125.2	2409.1	664.1	239.5	262.1	301.6	292.5	228.2
75°	1902.0	1890.7	1827.5	1872.6	1490.9	433.7	211.2	245.1	288.0	267.7	212.3
77.5°	384.0	395.3	464.2	457.4	481.1	241.7	180.7	210.1	222.5	196.5	172.8
80°	178.4	175.0	171.7	173.9	170.6	154.7	146.8	164.9	154.7	126.5	115.2
82.5°	110.7	108.4	105.1	103.9	115.2	123.1	128.7	129.8	102.8	88.1	84.7
85°	53.1	53.1	51.9	54.2	67.8	100.5	108.4	96.0	68.9	63.2	59.9
87.5°	10.2	10.2	11.3	10.2	13.6	23.7	27.2	31.6	26.0	27.2	30.5
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°	1123.8	1123.8	1123.8
2.5°	1089.9	1087.7	1087.7
5°	1067.4	1066.2	1066.2
7.5°	1061.7	1062.8	1061.7
10°	1083.1	1082.0	1086.5
12.5°	1130.6	1134.0	1132.8
15°	1180.2	1182.5	1182.5
17.5°	1194.9	1187.0	1185.9
20°	1156.6	1141.9	1138.4
22.5°	1084.2	1057.2	1058.2
25°	992.7	960.0	962.3
27.5°	886.6	851.6	850.5
30°	759.0	720.6	701.3
32.5°	605.4	559.1	559.1
35°	455.1	417.9	404.4
37.5°	345.6	324.1	317.4
40°	288.0	277.8	275.5
42.5°	262.1	258.7	257.5
45°	248.5	246.2	245.1
47.5°	236.1	234.9	233.8
50°	227.0	225.9	224.8
52.5°	219.1	216.9	215.8
55°	207.8	207.8	207.8
57.5°	201.0	201.0	199.9
60°	194.3	193.2	193.2
62.5°	188.6	186.3	187.5
65°	185.2	181.9	181.9
67°	183.0	176.2	176.2
67.5°	183.0	173.9	173.9
70°	179.6	164.9	162.6
72.5°	176.2	154.7	151.3
75°	167.2	146.8	143.4
77.5°	143.4	131.0	128.7
80°	110.7	96.0	98.2
82.5°	80.2	68.9	67.8
85°	57.6	49.7	49.7
87.5°	30.5	26.0	27.2
90°	0.0	0.0	0.0

(END OF REPORT)