

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: P180737

Luminaire Tested: **ICS-E03-LED-E1-SL3-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180737
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-E03-LED-E1-SL3-7030
Description: ICON SITE SMALL LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (63) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7487.7 lumens
Efficiency: N/A
Efficacy: 99.6 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 1' x H: 0.1')
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B1 - U0 - G2

Input Watts (W): 75.2
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

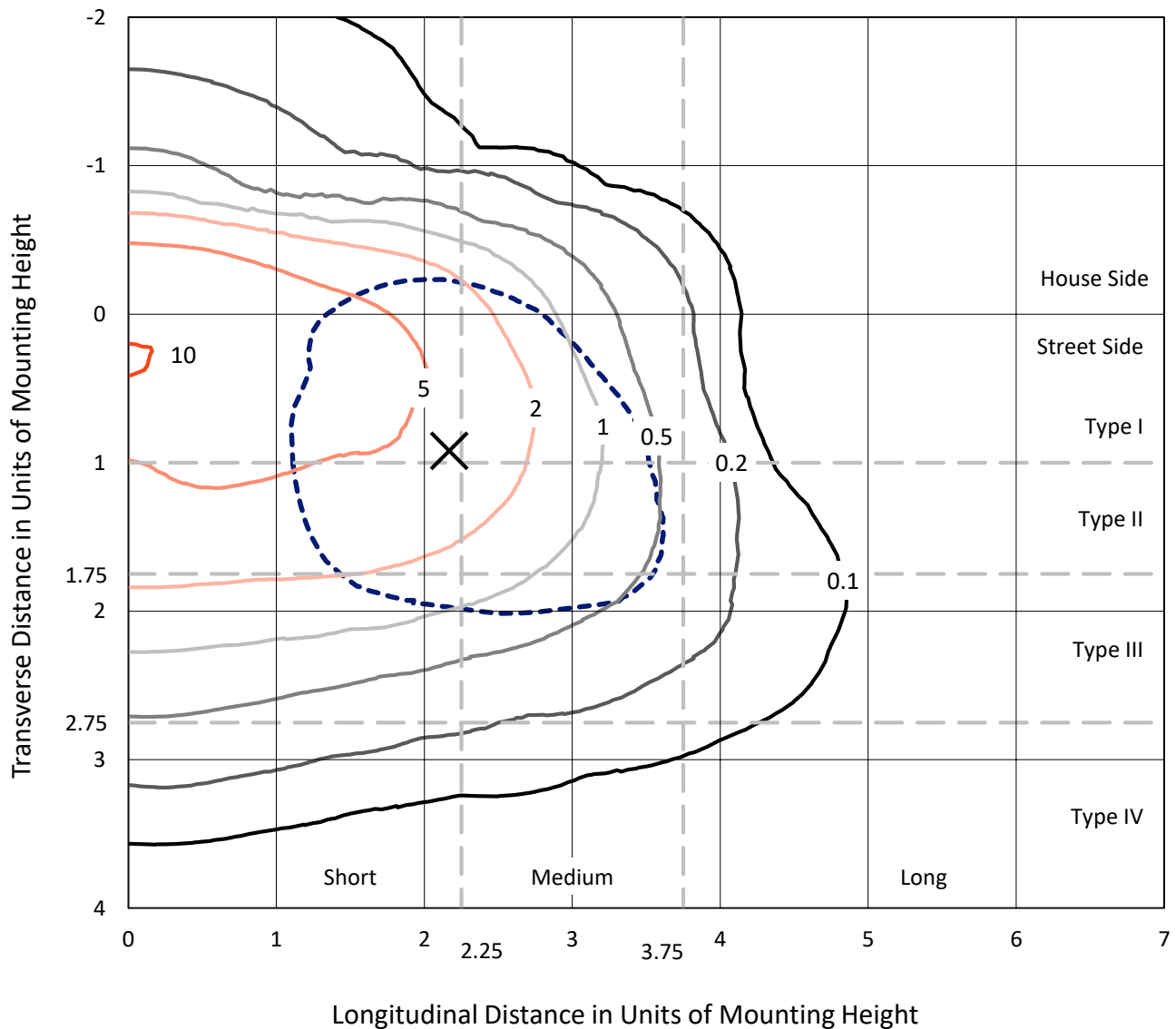


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

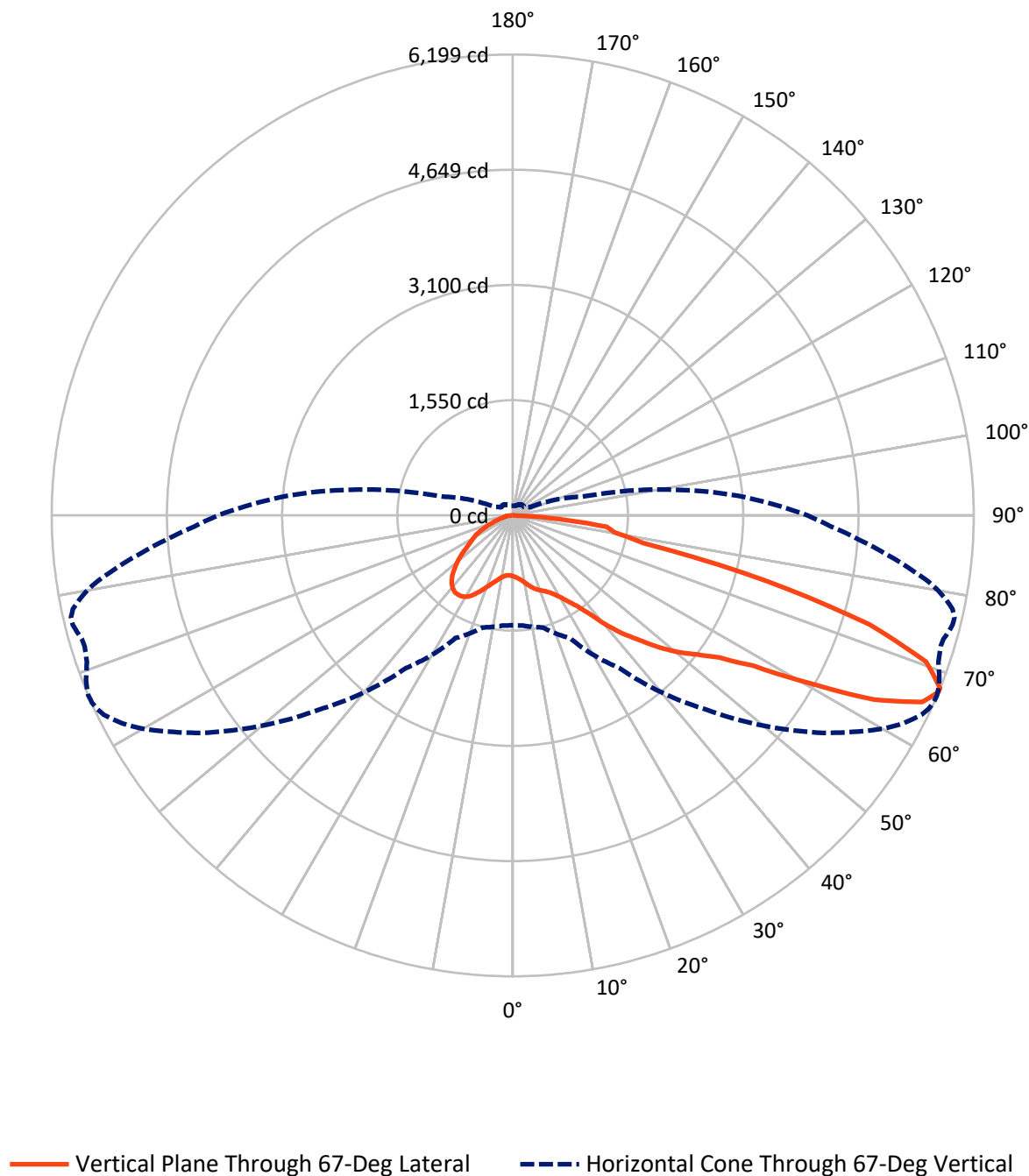


Based on 10 foot mounting height. Maximum calculated value = 10.5 fc
 Type III - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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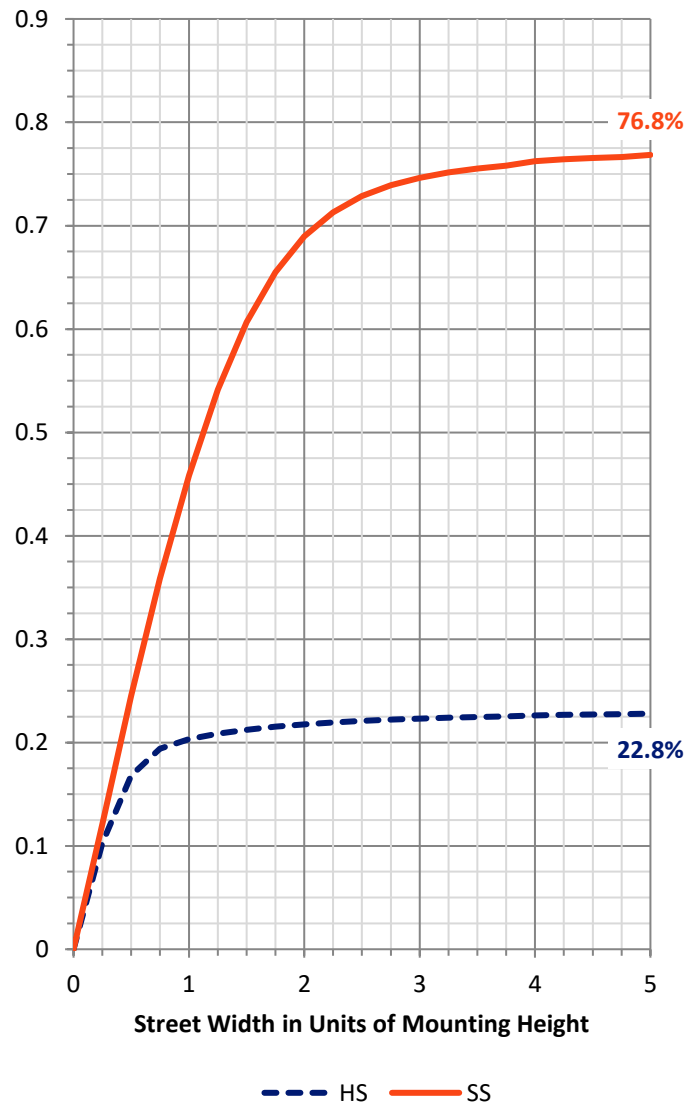
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1727.9	0.0	1727.9
	% Fixture	23.1	0.0	23.1
Street Side	Lumens	5759.8	0.0	5759.8
	% Fixture	76.9	0.0	76.9
Total	Lumens	7487.7	0.0	7487.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.4	1.1
10°-20°	279.2	3.7
20°-30°	493.1	6.6
30°-40°	707.7	9.5
40°-50°	1074.9	14.4
50°-60°	1582.6	21.1
60°-70°	2103.2	28.1
70°-80°	1028.9	13.7
80°-90°	136.6	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°	7487.7	100.0
0°-180°	7487.7	100.0

Coefficient of Utilization



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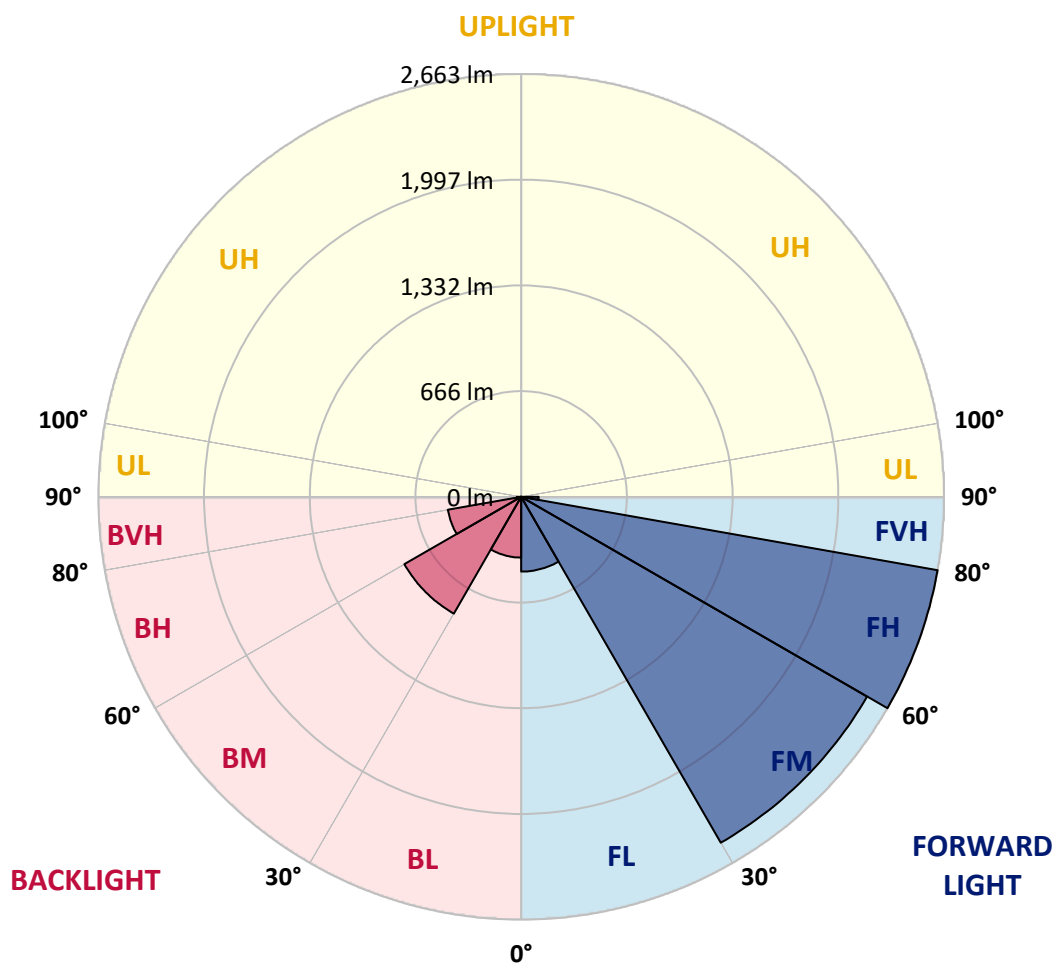
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	471.1	6.3			
FM	(30°-60°)	2515.7	33.6			
FH	(60°-80°)	2663.3	35.6			G2/5000
FVH	(80°-90°)	109.7	1.5			G2/225
BL	(0°-30°)	382.7	5.1	B1/500		
BM	(30°-60°)	849.5	11.3	B1/1000		
BH	(60°-80°)	468.8	6.3	B1/500		G1/500
BVH	(80°-90°)	26.9	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	817.9	817.9	817.9	817.9	817.9	817.9	817.9	817.9	817.9	817.9	817.9
2.5°	856.6	857.4	855.8	854.9	850.0	845.1	841.8	837.7	837.7	837.7	836.0
5°	905.1	901.8	904.3	898.5	888.6	879.6	870.6	863.2	861.5	861.5	858.2
7.5°	963.5	959.3	957.7	949.5	934.7	921.5	903.4	896.0	891.9	890.3	888.6
10°	1034.2	1034.2	1023.5	1009.5	989.8	966.7	947.0	933.9	933.0	933.0	925.6
12.5°	1106.5	1108.1	1094.2	1080.2	1048.1	1017.7	994.7	979.9	979.1	975.8	971.7
15°	1173.1	1169.0	1159.9	1139.4	1104.0	1067.9	1039.1	1024.3	1021.0	1017.7	1015.2
17.5°	1228.2	1224.0	1212.5	1186.2	1149.2	1106.5	1071.1	1055.5	1053.9	1052.2	1048.9
20°	1262.7	1259.4	1243.0	1212.5	1173.9	1130.3	1092.5	1081.8	1078.5	1078.5	1076.9
22.5°	1282.4	1277.5	1253.6	1213.4	1175.5	1143.5	1112.2	1105.7	1103.2	1104.0	1104.0
25°	1292.3	1288.2	1254.5	1196.9	1160.7	1151.7	1138.6	1134.4	1135.3	1136.1	1137.7
27.5°	1293.9	1288.2	1248.7	1175.5	1141.8	1167.3	1176.4	1182.9	1182.9	1186.2	1192.0
30°	1281.6	1275.0	1237.2	1159.1	1133.6	1198.6	1234.7	1252.0	1258.6	1256.9	1270.1
32.5°	1260.2	1256.1	1225.7	1159.1	1156.6	1260.2	1324.3	1349.0	1352.3	1353.9	1368.7
35°	1252.8	1252.0	1238.8	1198.6	1228.2	1368.7	1466.6	1485.5	1489.6	1489.6	1500.3
37.5°	1251.2	1255.3	1270.1	1272.5	1353.9	1529.9	1658.1	1686.9	1686.9	1695.1	1695.1
40°	1251.2	1260.2	1316.1	1382.7	1507.7	1739.5	1917.0	1949.9	1949.9	1959.0	1954.0
42.5°	1299.7	1312.8	1404.9	1531.5	1701.7	1955.7	2159.6	2196.5	2199.0	2196.5	2203.9
45°	1395.0	1406.5	1518.3	1700.0	1901.4	2187.5	2391.4	2435.8	2426.7	2432.5	2434.9
47.5°	1521.6	1539.7	1667.1	1884.2	2096.3	2402.1	2651.1	2691.4	2688.1	2690.6	2679.9
50°	1656.5	1675.4	1817.6	2066.7	2290.3	2574.7	2859.9	2920.0	2914.2	2918.3	2924.1
52.5°	1775.6	1787.2	1924.4	2203.9	2437.4	2735.8	3020.2	3095.1	3108.2	3109.9	3114.0
55°	1846.3	1860.3	1986.1	2272.2	2544.3	2893.7	3203.6	3317.0	3342.5	3349.1	3367.2
57.5°	1871.0	1885.8	2000.1	2282.0	2602.6	3041.6	3459.2	3659.0	3680.4	3715.7	3773.3
60°	1870.2	1885.8	1985.3	2259.8	2661.8	3224.9	3857.1	4191.7	4300.2	4336.4	4418.6
62.5°	1793.7	1811.8	1912.9	2192.4	2737.5	3459.2	4449.0	4963.6	5103.3	5169.1	5257.9
65°	1626.0	1639.2	1733.7	2021.4	2716.1	3690.2	4943.9	5585.9	5713.3	5809.5	5968.2
67°	1477.2	1485.5	1559.4	1819.2	2507.3	3698.4	5100.1	5740.4	5851.4	5953.4	6116.9
67.5°	1439.4	1456.7	1514.2	1757.6	2429.2	3651.6	5089.4	5716.6	5830.0	5936.1	6108.7
70°	1171.4	1196.1	1224.9	1388.5	1909.6	3072.0	4712.0	5303.9	5403.4	5502.0	5742.9
72.5°	722.6	767.0	772.7	876.3	1243.0	2123.4	3812.7	4472.8	4547.6	4618.3	4865.0
75°	425.8	432.4	453.0	536.8	729.2	1269.3	2558.3	3322.8	3391.8	3426.3	3619.5
77.5°	237.6	244.2	261.4	333.8	560.6	854.9	1489.6	1952.4	1994.3	2037.9	2006.6
80°	98.6	107.7	115.9	134.8	262.2	674.9	1024.3	1241.3	1268.4	1293.9	1326.0
82.5°	47.7	51.0	62.5	71.5	95.4	277.0	803.2	1076.1	1108.1	1145.1	1219.9
85°	22.2	24.7	34.5	41.1	46.0	69.9	268.8	523.7	568.0	576.3	591.1
87.5°	1.6	1.6	4.1	5.8	8.2	9.0	28.0	39.5	44.4	40.3	51.0
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°	817.9	817.9	817.9	817.9	817.9	817.9	817.9	817.9	817.9	817.9	817.9
2.5°	835.2	834.4	832.7	832.7	831.9	831.9	831.9	830.3	830.3	830.3	829.5
5°	857.4	856.6	854.1	854.1	852.5	852.5	850.0	849.2	847.5	847.5	846.7
7.5°	886.2	885.4	882.1	882.1	879.6	878.8	877.1	874.7	874.7	873.0	871.4
10°	925.6	923.2	922.4	918.2	919.1	917.4	915.8	913.3	911.7	910.0	908.4
12.5°	970.0	970.0	965.9	963.5	965.1	963.5	960.2	959.3	956.9	956.9	954.4
15°	1012.0	1012.0	1010.3	1007.0	1007.8	1005.4	1004.6	1002.9	999.6	1000.4	999.6
17.5°	1048.1	1048.1	1045.7	1044.0	1044.0	1041.6	1042.4	1040.7	1039.1	1038.3	1035.8
20°	1076.9	1076.9	1075.3	1073.6	1074.4	1074.4	1072.0	1072.0	1072.0	1070.3	1070.3
22.5°	1104.8	1105.7	1105.7	1105.7	1106.5	1107.3	1106.5	1108.1	1107.3	1109.0	1109.0
25°	1141.8	1144.3	1146.0	1146.0	1150.1	1150.9	1151.7	1154.2	1154.2	1156.6	1157.5
27.5°	1196.9	1198.6	1205.1	1206.8	1207.6	1214.2	1215.0	1218.3	1221.6	1222.4	1223.2
30°	1272.5	1276.7	1281.6	1284.9	1284.9	1293.1	1296.4	1294.7	1303.8	1306.3	1309.5
32.5°	1373.7	1377.0	1381.9	1385.2	1388.5	1392.6	1393.4	1397.5	1404.9	1411.5	1407.4
35°	1501.1	1509.3	1501.1	1510.1	1512.6	1518.3	1516.7	1521.6	1524.9	1527.4	1526.6
37.5°	1686.0	1681.9	1680.3	1677.0	1671.2	1691.0	1681.1	1680.3	1675.4	1689.3	1680.3
40°	1929.4	1931.8	1934.3	1921.2	1913.8	1913.8	1911.3	1902.2	1898.1	1910.5	1908.8
42.5°	2183.4	2185.9	2174.3	2166.1	2147.2	2144.8	2133.2	2130.8	2126.7	2133.2	2126.7
45°	2414.4	2416.0	2390.6	2394.7	2379.9	2382.3	2364.2	2371.6	2361.8	2368.4	2380.7
47.5°	2672.5	2675.8	2653.6	2662.7	2647.9	2638.8	2638.0	2642.9	2632.2	2638.8	2642.1
50°	2906.8	2902.7	2891.2	2893.7	2887.1	2888.7	2878.9	2887.9	2875.6	2888.7	2887.1
52.5°	3114.8	3109.9	3107.4	3115.6	3109.9	3109.9	3104.1	3108.2	3109.9	3129.6	3133.7
55°	3367.2	3371.3	3375.4	3390.2	3396.8	3386.1	3396.8	3417.3	3418.1	3465.0	3490.5
57.5°	3772.4	3801.2	3816.0	3825.0	3863.7	3859.6	3884.2	3933.6	3938.5	4047.0	4110.3
60°	4479.4	4530.4	4578.9	4552.6	4630.7	4654.5	4669.3	4761.4	4790.1	4892.9	4948.0
62.5°	5372.2	5377.9	5453.5	5429.7	5474.1	5463.4	5481.5	5523.4	5561.2	5645.9	5697.7
65°	5995.3	6022.4	6052.0	6021.6	6020.8	5984.6	5961.6	5960.8	5983.8	6001.9	6059.4
67°	6164.6	6191.8	6199.2	6177.0	6144.9	6098.9	6056.1	6033.9	6019.1	6027.3	6063.5
67.5°	6163.0	6188.5	6197.5	6176.1	6131.7	6093.1	6047.9	6022.4	6002.7	6006.8	6037.2
70°	5812.8	5867.9	5897.5	5904.0	5898.3	5830.9	5792.2	5769.2	5752.8	5712.5	5710.0
72.5°	4925.0	4991.5	5014.6	5051.6	5068.0	4968.5	4926.6	4952.1	4894.5	4767.1	4772.9
75°	3616.2	3621.2	3543.9	3529.1	3474.0	3248.8	3181.4	3119.7	3021.1	2867.3	2722.7
77.5°	1885.0	1884.2	1795.4	1750.2	1684.4	1548.8	1542.2	1432.0	1354.8	1214.2	1163.2
80°	1339.1	1360.5	1390.1	1404.9	1381.9	1329.3	1256.9	1178.8	1089.2	1001.3	896.0
82.5°	1245.4	1258.6	1274.2	1216.6	1184.6	1110.6	1055.5	942.1	878.8	778.5	672.4
85°	605.9	646.1	614.9	578.7	566.4	443.1	428.3	357.6	324.7	267.2	249.1
87.5°	38.6	47.7	42.7	38.6	33.7	18.9	25.5	18.1	18.9	14.0	12.3
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):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	817.9	817.9	817.9	817.9	817.9	817.9	817.9	817.9	817.9	817.9	817.9
2.5°	829.5	828.6	827.8	827.0	826.2	826.2	825.3	824.5	823.7	822.1	822.1
5°	845.1	845.1	844.3	842.6	842.6	841.0	838.5	837.7	837.7	836.0	834.4
7.5°	870.6	869.7	868.1	867.3	865.6	864.0	862.3	860.7	859.9	857.4	856.6
10°	909.2	907.6	903.4	901.8	901.0	899.3	897.7	896.0	893.6	891.9	891.1
12.5°	952.8	951.9	948.7	950.3	946.2	944.5	942.9	938.8	940.4	937.1	935.5
15°	996.3	997.2	995.5	995.5	992.2	989.8	988.1	984.8	984.0	982.4	980.7
17.5°	1035.0	1036.6	1034.2	1032.5	1030.9	1029.2	1025.9	1022.6	1022.6	1019.4	1017.7
20°	1070.3	1072.0	1071.1	1069.5	1067.0	1066.2	1064.6	1062.1	1062.1	1060.5	1058.0
22.5°	1110.6	1111.4	1111.4	1110.6	1108.1	1109.0	1107.3	1104.8	1105.7	1102.4	1102.4
25°	1159.1	1160.7	1162.4	1163.2	1161.6	1162.4	1160.7	1159.1	1158.3	1159.1	1158.3
27.5°	1225.7	1227.3	1232.3	1228.2	1232.3	1233.1	1230.6	1227.3	1229.8	1233.9	1231.4
30°	1313.7	1312.0	1318.6	1319.4	1318.6	1319.4	1317.8	1315.3	1316.9	1324.3	1320.2
32.5°	1412.3	1415.6	1417.2	1418.9	1421.3	1424.6	1422.2	1419.7	1423.8	1421.3	1427.1
35°	1531.5	1538.9	1541.4	1538.9	1540.5	1546.3	1545.5	1546.3	1554.5	1546.3	1557.0
37.5°	1681.9	1689.3	1695.1	1691.8	1695.9	1695.9	1702.5	1720.6	1709.1	1723.9	1735.4
40°	1900.6	1912.1	1912.9	1912.1	1916.2	1921.2	1927.7	1947.5	1934.3	1949.9	1960.6
42.5°	2125.8	2139.8	2144.8	2136.5	2145.6	2156.3	2157.1	2174.3	2175.2	2177.6	2183.4
45°	2379.9	2392.2	2402.1	2397.9	2398.8	2412.7	2409.5	2425.9	2413.6	2413.6	2416.9
47.5°	2650.3	2661.8	2668.4	2675.0	2666.8	2679.1	2684.8	2681.6	2666.8	2663.5	2643.7
50°	2896.9	2906.8	2916.7	2934.8	2933.9	2939.7	2943.8	2929.0	2925.7	2907.6	2885.4
52.5°	3158.4	3183.8	3206.0	3243.8	3249.6	3269.3	3261.9	3237.3	3233.2	3203.6	3174.0
55°	3522.5	3595.7	3627.8	3686.1	3725.6	3724.8	3708.3	3704.2	3673.0	3613.8	3578.4
57.5°	4156.3	4270.6	4325.7	4401.3	4413.6	4406.2	4384.9	4347.1	4292.8	4193.3	4129.2
60°	5071.3	5142.0	5206.1	5224.2	5233.2	5219.3	5144.5	5060.6	4954.6	4817.3	4703.0
62.5°	5762.6	5835.0	5882.7	5875.3	5818.5	5747.0	5637.7	5497.1	5348.3	5194.6	5023.6
65°	6114.5	6144.9	6137.5	6080.0	5983.0	5858.0	5698.5	5525.1	5350.0	5168.3	4990.7
67°	6095.6	6096.4	6046.3	5934.5	5810.3	5653.3	5458.5	5269.4	5063.9	4873.2	4661.9
67.5°	6061.9	6058.6	5988.7	5866.2	5732.2	5570.3	5368.1	5172.4	4959.5	4767.1	4548.5
70°	5680.4	5634.4	5476.6	5280.9	5094.3	4875.6	4663.5	4439.1	4199.1	4033.8	3782.3
72.5°	4667.7	4512.3	4240.2	4035.5	3835.7	3549.7	3417.3	3138.6	2970.1	2864.9	2675.0
75°	2702.9	2573.0	2362.6	2171.1	2074.1	1904.7	1824.2	1619.5	1576.7	1575.1	1509.3
77.5°	1031.7	900.2	764.5	615.7	523.7	416.0	366.6	328.0	298.4	319.0	289.4
80°	773.6	636.3	497.3	361.7	258.1	190.7	163.6	151.3	143.9	138.1	134.0
82.5°	576.3	454.6	352.7	230.2	161.1	121.7	105.2	98.6	95.4	89.6	84.7
85°	194.8	156.2	123.3	85.5	67.4	55.1	51.0	49.3	46.9	42.7	40.3
87.5°	10.7	9.9	10.7	8.2	9.9	8.2	9.0	9.0	9.0	8.2	8.2
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°	817.9	817.9	817.9	817.9	817.9	817.9	817.9	817.9	817.9	817.9	817.9
2.5°	821.2	821.2	821.2	819.6	817.1	812.2	807.3	803.2	799.0	796.6	794.9
5°	833.6	831.9	831.1	830.3	824.5	814.7	805.6	797.4	789.2	782.6	780.1
7.5°	855.8	852.5	851.7	849.2	841.8	827.0	813.8	800.7	789.2	780.1	776.0
10°	889.5	889.5	884.5	881.2	873.0	853.3	834.4	817.1	801.5	791.6	789.2
12.5°	932.2	932.2	928.1	925.6	915.8	890.3	867.3	846.7	831.9	822.1	821.2
15°	976.6	975.8	972.5	969.2	958.5	931.4	908.4	890.3	878.0	866.5	863.2
17.5°	1016.1	1016.1	1012.0	1008.7	998.0	975.0	954.4	941.3	927.3	903.4	885.4
20°	1055.5	1056.3	1053.1	1049.8	1040.7	1021.0	1012.0	998.8	967.6	915.8	873.0
22.5°	1099.1	1102.4	1098.3	1095.0	1087.6	1079.4	1076.1	1044.8	979.1	896.0	833.6
25°	1155.0	1160.7	1155.8	1154.2	1150.1	1152.5	1142.7	1070.3	962.6	853.3	775.2
27.5°	1231.4	1231.4	1232.3	1232.3	1230.6	1239.7	1203.5	1071.1	926.5	798.2	705.3
30°	1321.1	1326.0	1324.3	1324.3	1330.9	1336.7	1237.2	1053.1	880.4	730.0	619.8
32.5°	1428.7	1432.9	1434.5	1427.1	1453.4	1423.8	1249.5	1020.2	823.7	645.3	517.9
35°	1558.6	1564.4	1568.5	1569.3	1586.6	1499.4	1243.0	971.7	742.3	539.3	406.1
37.5°	1728.0	1739.5	1748.5	1752.6	1753.5	1563.6	1224.9	907.6	636.3	420.9	302.5
40°	1953.2	1965.5	1963.1	1971.3	1924.4	1601.4	1183.8	814.7	504.7	309.1	233.5
42.5°	2170.2	2171.9	2175.2	2167.8	2072.4	1621.1	1126.2	701.2	378.1	231.0	199.8
45°	2412.7	2398.8	2383.2	2371.6	2208.9	1628.5	1047.3	563.1	267.2	194.0	185.0
47.5°	2640.5	2621.5	2589.5	2556.6	2330.5	1617.0	946.2	421.7	203.0	177.6	175.1
50°	2864.1	2828.7	2783.5	2745.7	2447.3	1599.7	834.4	304.2	177.6	169.3	166.9
52.5°	3141.1	3081.9	3022.7	2973.4	2599.4	1572.6	716.8	231.0	166.9	162.8	159.5
55°	3520.9	3438.7	3343.3	3274.3	2805.7	1531.5	593.5	195.7	161.9	158.7	153.7
57.5°	4047.0	3923.7	3816.0	3703.4	3087.7	1489.6	487.5	181.7	161.1	156.2	149.6
60°	4584.6	4436.7	4299.4	4138.3	3375.4	1447.6	413.5	180.0	163.6	156.2	146.3
62.5°	4864.1	4711.2	4546.0	4382.4	3499.5	1349.0	362.5	182.5	169.3	158.7	146.3
65°	4800.0	4613.4	4445.7	4278.8	3355.6	1162.4	306.6	185.8	180.9	168.5	148.8
67°	4477.8	4282.9	4121.8	3962.3	3035.0	973.3	263.1	189.1	193.2	180.0	153.7
67.5°	4364.3	4169.5	4010.8	3855.5	2940.5	933.9	252.4	190.7	195.7	183.3	155.4
70°	3618.7	3475.7	3307.1	3187.1	2380.7	691.4	207.2	194.0	210.4	202.2	162.8
72.5°	2604.3	2467.8	2341.2	2274.6	1753.5	483.4	174.3	190.7	219.5	212.9	166.1
75°	1384.3	1376.1	1330.1	1363.0	1085.1	315.7	153.7	178.4	209.6	194.8	154.5
77.5°	279.5	287.7	337.9	332.9	350.2	175.9	131.5	152.9	161.9	143.0	125.8
80°	129.9	127.4	125.0	126.6	124.1	112.6	106.9	120.0	112.6	92.1	83.9
82.5°	80.6	78.9	76.5	75.6	83.9	89.6	93.7	94.5	74.8	64.1	61.7
85°	38.6	38.6	37.8	39.5	49.3	73.2	78.9	69.9	50.1	46.0	43.6
87.5°	7.4	7.4	8.2	7.4	9.9	17.3	19.7	23.0	18.9	19.7	22.2
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°	817.9	817.9	817.9
2.5°	793.3	791.6	791.6
5°	776.8	776.0	776.0
7.5°	772.7	773.6	772.7
10°	788.4	787.5	790.8
12.5°	822.9	825.3	824.5
15°	859.1	860.7	860.7
17.5°	869.7	864.0	863.2
20°	841.8	831.1	828.6
22.5°	789.2	769.4	770.3
25°	722.6	698.8	700.4
27.5°	645.3	619.8	619.0
30°	552.4	524.5	510.5
32.5°	440.6	406.9	406.9
35°	331.3	304.2	294.3
37.5°	251.6	235.9	231.0
40°	209.6	202.2	200.6
42.5°	190.7	188.3	187.4
45°	180.9	179.2	178.4
47.5°	171.8	171.0	170.2
50°	165.2	164.4	163.6
52.5°	159.5	157.8	157.0
55°	151.3	151.3	151.3
57.5°	146.3	146.3	145.5
60°	141.4	140.6	140.6
62.5°	137.3	135.6	136.5
65°	134.8	132.4	132.4
67°	133.2	128.2	128.2
67.5°	133.2	126.6	126.6
70°	130.7	120.0	118.4
72.5°	128.2	112.6	110.2
75°	121.7	106.9	104.4
77.5°	104.4	95.4	93.7
80°	80.6	69.9	71.5
82.5°	58.4	50.1	49.3
85°	41.9	36.2	36.2
87.5°	22.2	18.9	19.7
90°	0.0	0.0	0.0

(END OF REPORT)