

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: P152737

Luminaire Tested: **VXS-F03-LED-E1-SLL-7060**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P152737
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33681)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: VXS-F03-LED-E1-SLL-7060
Description: VISION SITE SMALL LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (21) 5700K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7070.9 lumens
Efficiency: N/A
Efficacy: 90.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G3

Input Watts (W): 78.3
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

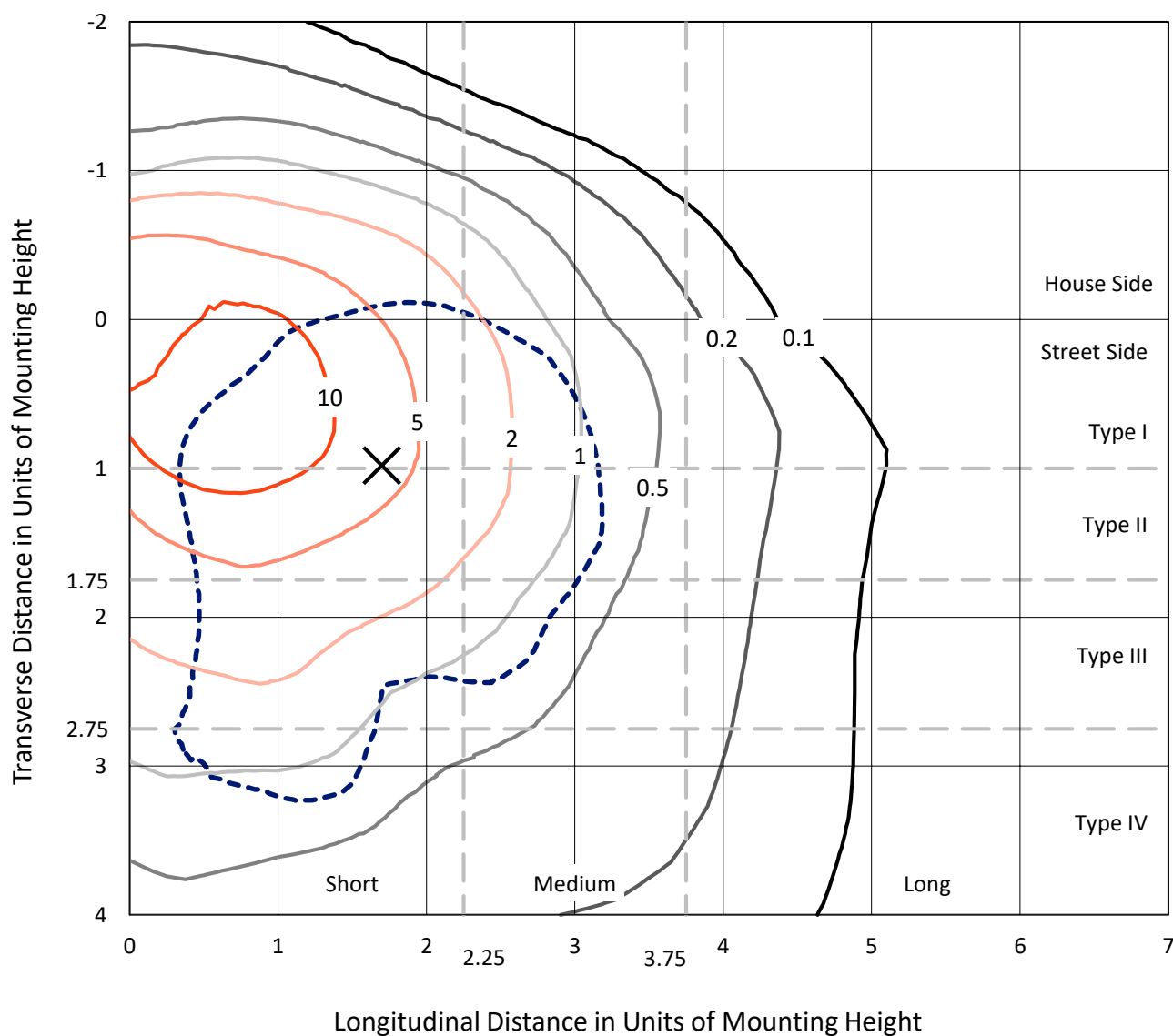


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 --- 1/2 Max cd

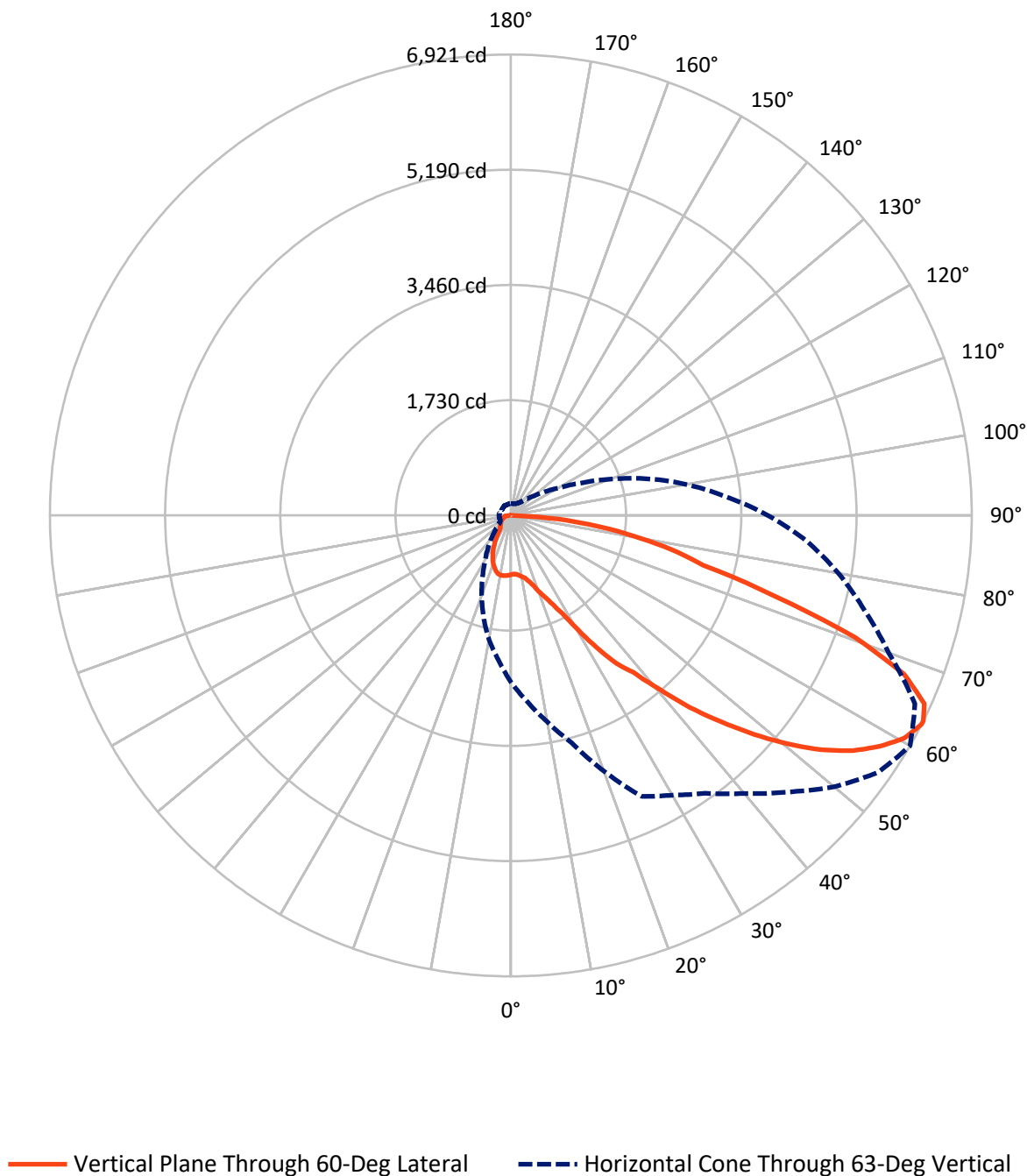


Based on 10 foot mounting height. Maximum calculated value = 17.6 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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CATALOG NUMBER: VXS-F03-LED-E1-SLL-7060

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1533.3	0.0	1533.3
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	5537.6	0.0	5537.6
	% Fixture	78.3	0.0	78.3
Total	Lumens	7070.9	0.0	7070.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.5	1.2
10°-20°	269.4	3.8
20°-30°	478.6	6.8
30°-40°	753.7	10.7
40°-50°	1109.2	15.7
50°-60°	1473.3	20.8
60°-70°	1622.8	23.0
70°-80°	1018.1	14.4
80°-90°	259.3	3.7
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°	7070.9	100.0
0°-180°	7070.9	100.0

Coefficient of Utilization



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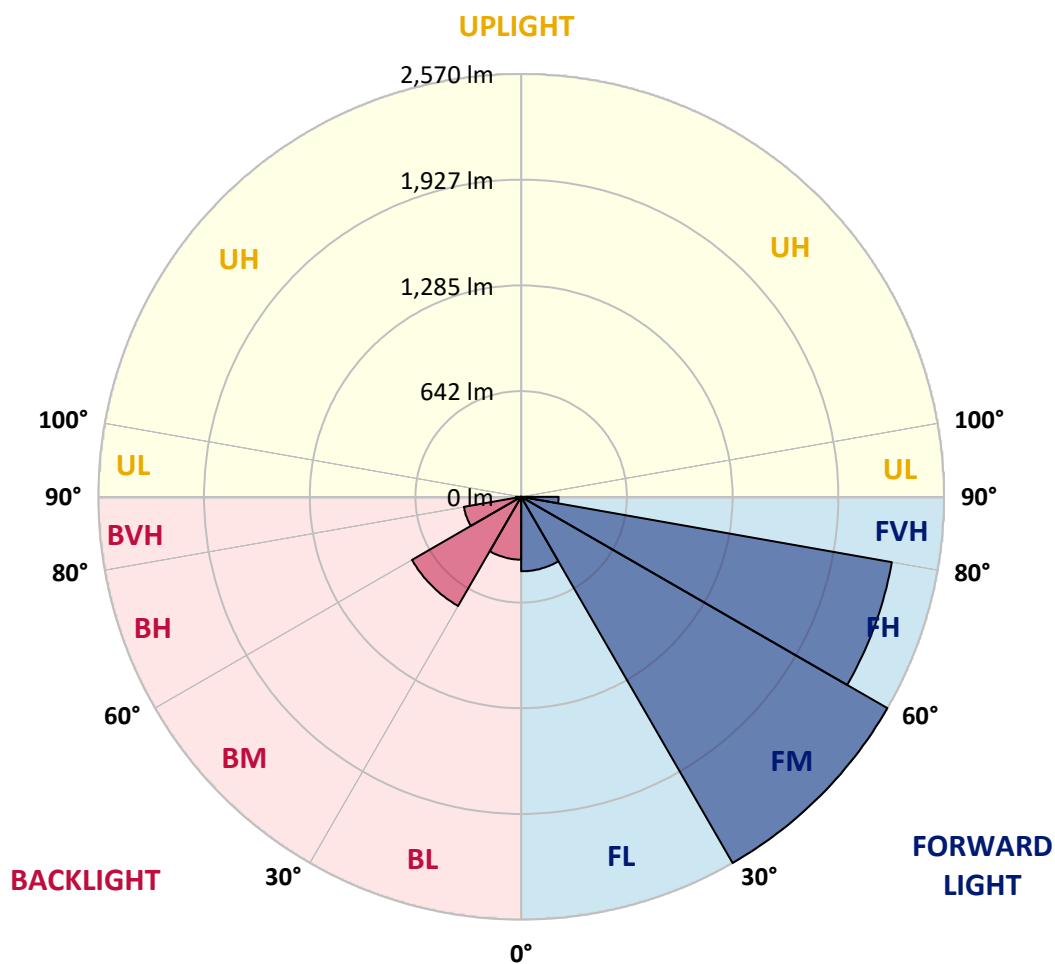
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	452.8	6.4			
FM	(30°-60°)	2569.7	36.3			
FH	(60°-80°)	2287.5	32.4			G2/5000
FVH	(80°-90°)	227.6	3.2			G3/500
BL	(0°-30°)	381.7	5.4	B1/500		
BM	(30°-60°)	766.4	10.8	B1/1000		
BH	(60°-80°)	353.4	5.0	B1/500		G1/500
BVH	(80°-90°)	31.8	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6
2.5°	876.7	878.4	878.4	877.6	877.6	879.3	878.4	877.6	875.0	878.4	878.4
5°	869.9	871.6	871.6	873.4	875.0	876.7	876.7	878.4	877.6	880.9	883.5
7.5°	878.4	880.1	883.5	887.8	890.3	896.2	896.2	900.4	902.2	904.7	903.8
10°	889.4	893.7	901.2	908.1	913.2	919.9	925.0	931.0	931.0	933.5	935.1
12.5°	908.9	913.2	921.7	930.1	937.7	946.2	953.8	959.7	965.7	967.4	970.8
15°	941.1	946.2	958.9	970.8	980.1	991.1	1001.2	1013.1	1024.1	1026.6	1028.4
17.5°	989.4	999.6	1008.9	1030.1	1043.6	1058.0	1074.1	1091.0	1094.4	1112.2	1116.5
20°	1058.0	1070.7	1079.2	1105.4	1128.3	1146.9	1170.7	1190.2	1197.7	1214.7	1231.6
22.5°	1176.6	1174.1	1186.7	1213.1	1229.9	1267.3	1287.6	1307.9	1318.0	1343.4	1357.0
25°	1335.9	1349.4	1377.3	1379.9	1396.0	1439.2	1465.5	1485.8	1486.6	1494.2	1508.6
27.5°	1492.5	1548.5	1592.5	1616.3	1659.4	1699.3	1697.5	1726.3	1681.5	1690.8	1704.4
30°	1682.3	1775.4	1858.4	1914.4	1958.4	2005.1	2027.9	2044.0	2024.6	2016.1	1999.9
32.5°	1860.2	1990.7	2118.5	2217.6	2299.8	2376.9	2427.7	2450.6	2477.7	2546.3	2570.9
35°	1982.2	2166.8	2326.1	2469.2	2606.4	2729.3	2818.2	2869.0	2849.5	2840.2	2835.1
37.5°	2055.0	2280.3	2479.4	2681.9	2839.4	3023.2	3161.2	3295.1	3325.6	3272.2	3246.0
40°	2100.7	2367.6	2623.4	2862.3	3066.4	3303.6	3474.7	3675.4	3828.0	3848.3	3785.6
42.5°	2122.8	2426.0	2724.1	2994.4	3270.6	3561.1	3777.9	4021.0	4248.9	4405.6	4366.6
45°	2126.1	2464.1	2797.9	3113.9	3442.5	3787.3	4066.8	4336.2	4641.1	4909.6	4917.3
47.5°	2126.1	2493.0	2848.7	3200.2	3596.7	3983.8	4288.7	4607.3	4980.8	5298.4	5395.9
50°	2127.9	2512.4	2896.2	3268.0	3714.4	4149.8	4494.6	4870.7	5263.7	5609.3	5797.4
52.5°	2135.4	2526.8	2933.5	3316.3	3790.7	4266.7	4654.7	5088.4	5479.7	5834.6	6077.7
55°	2152.4	2547.2	2960.5	3345.9	3841.5	4343.0	4770.8	5237.5	5619.5	5979.5	6319.2
57.5°	2199.9	2582.7	2993.6	3372.2	3869.4	4393.0	4852.0	5301.9	5672.8	6048.1	6447.0
60°	2294.7	2658.1	3050.4	3424.8	3916.1	4485.3	4891.0	5258.7	5633.9	6027.8	6475.9
62.5°	2446.3	2775.9	3129.1	3513.7	4049.0	4628.4	4861.3	5129.8	5480.6	5910.1	6373.4
63°	2498.9	2801.2	3146.8	3533.2	4085.5	4654.7	4848.7	5091.8	5449.2	5872.7	6337.0
65°	2645.4	2914.0	3231.6	3631.4	4235.3	4680.9	4749.5	4893.6	5232.4	5660.2	6121.9
67.5°	2919.1	3187.6	3413.7	3797.4	4361.6	4577.6	4442.1	4459.9	4813.9	5257.0	5672.0
70°	3091.8	3412.0	3529.7	3818.7	4338.8	4424.2	4043.9	3808.5	4092.2	4597.1	4960.5
72.5°	3046.9	3414.6	3401.9	3536.6	3881.3	3960.9	3567.0	3196.1	3364.6	3741.6	3977.0
75°	2609.8	3049.4	2956.3	2929.2	3050.4	3102.8	2807.3	2750.5	2963.1	3172.3	3175.6
77.5°	1878.9	2362.5	2253.3	2096.5	2088.1	2209.2	2249.0	2620.8	2935.1	3100.3	3027.5
80°	1196.9	1721.2	1607.8	1334.1	1329.9	1487.5	1837.3	2343.0	2676.0	2768.3	2578.5
82.5°	625.2	1126.6	1169.8	1001.2	1146.1	1406.9	1748.4	1888.1	2014.3	2027.0	1803.4
85°	389.6	693.0	814.9	841.1	1035.1	1247.8	1245.2	1196.1	1140.2	975.9	882.7
87.5°	44.0	87.3	132.1	125.4	168.6	236.4	294.8	172.8	121.1	44.0	61.0
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6
2.5°	880.1	880.9	881.8	881.8	886.0	885.2	886.0	887.8	890.3	892.0	893.7
5°	886.8	886.8	890.3	892.8	897.9	901.2	903.0	908.1	914.0	912.3	917.4
7.5°	908.9	908.1	911.5	913.2	917.4	923.3	922.5	926.7	931.8	933.5	937.7
10°	938.5	936.1	936.1	934.3	935.1	933.5	933.5	933.5	936.9	936.1	939.4
12.5°	969.0	968.2	966.5	961.5	961.5	954.6	951.3	947.0	946.2	940.2	941.1
15°	1031.7	1031.7	1028.4	1018.1	1009.7	1003.8	995.3	989.4	980.9	969.9	963.9
17.5°	1123.2	1111.4	1107.2	1105.4	1091.9	1086.8	1068.2	1048.7	1039.4	1024.1	1015.6
20°	1235.0	1232.5	1215.5	1207.0	1190.2	1166.4	1142.7	1117.3	1102.1	1083.4	1073.3
22.5°	1361.2	1342.6	1334.1	1321.5	1295.1	1268.1	1232.5	1198.7	1174.9	1162.2	1154.6
25°	1508.6	1490.1	1481.6	1464.6	1432.4	1403.6	1359.6	1319.8	1298.5	1277.4	1265.5
27.5°	1704.4	1686.5	1676.4	1632.3	1621.3	1573.9	1519.7	1465.5	1437.5	1406.1	1385.8
30°	1996.6	1997.4	1944.9	1891.5	1836.5	1754.3	1697.5	1636.6	1590.8	1545.9	1501.0
32.5°	2490.4	2364.1	2266.7	2152.4	2033.0	1945.7	1875.4	1802.6	1739.1	1673.8	1599.3
35°	2791.9	2731.0	2604.8	2395.5	2275.2	2169.3	2091.4	2003.3	1925.4	1810.2	1696.7
37.5°	3132.4	2991.0	2837.7	2721.7	2585.3	2462.5	2332.0	2232.0	2097.4	1942.4	1781.5
40°	3629.7	3427.3	3242.6	3086.7	2910.6	2781.8	2636.1	2491.3	2312.5	2088.1	1866.9
42.5°	4149.0	3939.8	3695.8	3493.4	3285.8	3135.0	2954.6	2751.3	2488.7	2210.9	1940.6
45°	4693.7	4414.1	4121.9	3874.5	3658.5	3471.3	3247.7	2978.3	2658.1	2321.0	2009.2
47.5°	5230.7	4909.6	4561.5	4295.5	4014.3	3785.6	3511.1	3170.6	2790.3	2425.2	2077.9
50°	5704.2	5395.0	4975.8	4637.7	4353.2	4071.1	3728.8	3318.9	2894.5	2514.9	2139.7
52.5°	6112.5	5846.5	5405.2	4978.2	4650.5	4333.7	3904.1	3438.2	2999.5	2598.0	2190.6
55°	6412.3	6235.3	5828.7	5299.3	4912.2	4534.4	4052.4	3553.5	3098.7	2664.0	2223.5
57.5°	6638.5	6540.3	6191.3	5601.8	5152.7	4729.2	4205.7	3691.6	3196.9	2720.8	2238.9
60°	6762.2	6789.3	6465.7	5866.0	5365.4	4891.8	4359.1	3809.3	3269.7	2753.9	2230.4
62.5°	6750.4	6916.4	6671.6	6028.6	5489.0	4988.4	4462.4	3864.4	3259.6	2701.3	2153.3
63°	6727.5	6920.6	6694.4	6039.7	5496.7	4991.8	4465.0	3856.7	3238.3	2676.0	2122.8
65°	6530.2	6823.2	6674.9	5989.6	5428.9	4928.3	4411.6	3746.6	3089.3	2539.5	1966.1
67.5°	6001.6	6368.3	6326.0	5636.5	5107.9	4665.7	4138.9	3391.7	2720.8	2204.0	1666.2
70°	5128.2	5473.0	5480.6	4902.1	4460.7	4027.0	3589.0	2759.8	2156.7	1708.6	1242.7
72.5°	3930.5	4152.3	4229.4	3848.3	3552.6	3247.7	2854.6	2003.3	1537.4	1162.2	808.9
75°	3043.5	2982.6	2981.7	2820.7	2700.5	2551.4	2119.4	1351.9	1009.7	755.5	494.7
77.5°	2736.1	2465.0	2202.4	2009.2	1912.7	1862.7	1390.1	814.9	595.5	434.5	284.7
80°	2256.6	1856.8	1500.2	1291.8	1208.8	1266.4	775.0	440.5	326.1	247.4	184.7
82.5°	1556.1	1291.8	981.8	813.2	698.0	730.2	396.5	225.3	150.8	138.0	114.4
85°	810.7	710.7	599.7	515.0	454.9	399.8	205.8	107.6	62.7	55.0	49.9
87.5°	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6
2.5°	896.2	895.3	897.1	897.9	900.4	902.2	903.0	901.2	903.8	906.3	904.7
5°	919.9	925.8	926.7	929.2	929.2	934.3	934.3	934.3	933.5	934.3	932.6
7.5°	940.2	947.9	948.7	952.1	953.0	958.9	956.4	958.0	958.0	953.8	952.1
10°	942.8	950.5	954.6	958.9	964.9	972.4	972.4	976.7	976.7	973.3	972.4
12.5°	943.6	949.5	953.8	959.7	968.2	979.2	985.2	991.1	993.6	992.7	990.3
15°	961.5	961.5	962.3	967.4	973.3	986.8	995.3	1002.1	1006.3	1004.7	1000.4
17.5°	1008.0	1001.2	996.2	987.7	989.4	996.2	1001.2	1007.2	1008.0	1006.3	999.6
20°	1062.3	1053.8	1041.0	1027.5	1020.7	1015.6	1012.2	1012.2	1009.7	1001.2	990.3
22.5°	1139.3	1128.3	1110.5	1090.2	1076.7	1060.5	1041.0	1022.4	1002.1	981.8	958.0
25°	1246.0	1230.8	1212.1	1180.8	1152.0	1118.1	1078.3	1036.8	988.5	946.2	911.5
27.5°	1353.6	1319.8	1271.5	1228.3	1174.9	1124.0	1067.4	1016.5	954.6	903.8	865.7
30°	1442.6	1378.2	1308.7	1240.1	1169.8	1101.2	1033.5	972.4	904.7	853.0	815.8
32.5°	1511.2	1422.3	1325.7	1235.9	1149.4	1065.6	987.7	919.9	851.3	797.9	758.1
35°	1574.7	1451.1	1328.2	1217.2	1110.5	1023.3	935.1	861.5	788.6	732.7	689.5
37.5°	1622.2	1464.6	1313.0	1182.5	1059.7	962.3	872.5	797.1	722.6	661.6	612.4
40°	1652.6	1456.2	1279.9	1132.5	999.6	897.1	805.6	727.7	655.6	588.7	529.4
42.5°	1677.2	1445.1	1246.9	1086.8	952.1	840.3	746.3	662.4	589.5	516.7	451.5
45°	1713.7	1453.6	1232.5	1054.6	909.7	792.0	688.7	601.5	525.2	454.0	391.4
47.5°	1749.2	1457.8	1211.3	1014.8	856.4	742.1	637.0	552.3	474.4	409.1	351.5
50°	1781.5	1455.2	1178.2	963.9	804.8	692.0	590.4	505.7	428.6	368.5	314.3
52.5°	1796.7	1440.8	1137.6	914.8	763.2	648.0	544.7	462.5	386.2	329.5	279.6
55°	1794.9	1403.6	1084.2	868.3	717.5	601.5	499.8	418.4	349.8	297.3	254.1
57.5°	1769.5	1346.0	1027.5	816.6	657.3	543.8	447.3	368.5	310.9	266.8	230.4
60°	1716.2	1272.3	953.0	741.1	582.0	472.6	382.1	314.3	267.7	233.8	210.1
62.5°	1616.3	1166.4	859.8	636.2	480.3	380.3	301.6	257.5	222.8	202.5	191.4
63°	1586.5	1137.6	820.0	610.8	456.6	359.2	284.7	238.9	213.5	195.6	185.5
65°	1439.2	996.2	686.1	493.0	354.9	277.0	228.7	194.0	178.8	171.1	170.3
67.5°	1165.6	783.5	485.4	338.0	241.5	199.9	175.3	160.9	154.2	152.4	154.2
70°	818.2	494.7	308.3	224.5	178.8	160.9	149.9	144.0	139.8	140.6	142.3
72.5°	521.8	296.5	211.8	170.3	150.8	141.5	136.4	134.7	133.9	133.0	133.0
75°	297.3	197.4	162.6	147.4	137.2	129.6	125.4	123.6	124.6	125.4	123.6
77.5°	196.5	162.6	144.9	134.7	125.4	116.9	114.4	113.5	115.2	116.9	116.9
80°	155.0	144.9	134.7	124.6	109.2	103.3	105.1	105.9	105.1	105.9	103.3
82.5°	109.2	107.6	110.2	105.9	90.7	85.6	83.8	84.7	83.0	83.0	81.3
85°	50.8	50.8	53.4	53.4	51.7	52.5	56.8	61.9	64.4	61.9	58.4
87.5°	0.0	0.0	0.0	0.0	0.0	7.7	15.2	22.1	23.7	29.6	28.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P152737

CATALOG NUMBER: VXS-F03-LED-E1-SLL-7060

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6
2.5°	902.2	903.8	903.0	902.2	903.8	902.2	903.0	902.2	902.2	901.2	901.2
5°	931.0	933.5	928.4	927.6	925.8	921.7	921.7	919.9	919.9	916.6	914.0
7.5°	949.5	950.5	946.2	945.3	941.1	936.9	933.5	930.1	929.2	926.7	921.7
10°	967.4	965.7	962.3	958.0	953.8	947.9	943.6	939.4	938.5	934.3	928.4
12.5°	982.6	981.8	975.0	970.8	963.9	958.0	953.0	947.9	945.3	940.2	931.8
15°	992.7	987.7	979.2	971.6	963.9	957.2	951.3	945.3	942.8	936.9	928.4
17.5°	988.5	979.2	968.2	958.9	948.7	940.2	935.1	929.2	925.0	921.7	909.7
20°	973.3	959.7	942.8	931.8	918.2	907.3	903.8	897.9	894.5	881.8	866.5
22.5°	933.5	914.0	892.8	876.7	861.5	850.5	842.0	836.1	827.6	820.0	796.3
25°	883.5	861.5	839.5	820.0	799.7	782.7	767.5	753.1	748.8	732.7	709.8
27.5°	835.2	810.7	788.6	765.8	739.5	718.3	692.0	671.7	658.1	641.2	620.1
30°	783.5	759.0	729.3	698.9	668.4	645.5	615.9	591.3	574.3	556.6	537.0
32.5°	718.3	688.7	653.1	619.2	591.3	564.1	534.5	510.8	493.9	477.7	459.1
35°	643.7	604.8	566.7	529.4	499.8	476.9	450.7	432.8	421.0	406.6	387.2
37.5°	558.2	514.2	473.5	444.7	418.4	396.5	377.8	366.7	354.1	346.4	334.6
40°	471.8	428.6	388.8	362.6	340.5	327.8	317.6	315.1	306.6	296.5	288.8
42.5°	395.5	354.1	315.1	293.9	279.6	276.2	271.1	271.1	266.8	259.2	254.1
45°	343.9	300.7	266.8	251.6	243.9	243.1	240.5	240.5	239.7	236.4	230.4
47.5°	306.6	267.7	241.5	232.1	230.4	228.7	226.2	225.3	224.5	222.0	218.5
50°	272.7	239.7	222.8	218.5	219.4	216.9	214.3	211.8	210.9	208.4	205.0
52.5°	241.5	217.7	206.7	204.1	204.1	204.1	202.5	202.5	200.7	199.9	196.5
55°	223.6	205.8	199.9	199.1	198.2	197.4	195.6	195.6	194.0	193.2	188.9
57.5°	208.4	197.4	194.0	192.3	191.4	189.7	188.9	188.9	188.9	188.9	183.8
60°	196.5	191.4	190.6	188.9	188.1	184.7	183.0	182.1	183.0	183.8	178.8
62.5°	183.8	183.0	182.1	180.4	179.6	176.2	173.7	171.9	173.7	175.3	174.5
63°	180.4	179.6	179.6	178.8	177.9	173.7	171.1	169.4	171.1	172.8	172.8
65°	168.6	169.4	169.4	168.6	167.8	165.2	161.8	160.1	160.9	163.5	164.4
67.5°	155.9	156.7	155.9	156.7	155.9	154.2	151.6	149.9	149.1	149.9	150.8
70°	144.0	145.7	144.9	144.0	143.1	143.1	141.5	139.0	138.0	137.2	137.2
72.5°	133.9	133.9	132.1	132.1	131.3	131.3	129.6	127.0	126.2	126.2	124.6
75°	122.8	122.8	120.3	120.3	118.5	119.5	117.7	115.2	114.4	114.4	113.5
77.5°	116.1	113.5	109.2	108.4	107.6	107.6	106.7	104.1	103.3	103.3	102.5
80°	102.5	97.4	93.2	92.3	93.2	94.9	94.9	93.2	93.2	93.2	93.2
82.5°	79.6	77.9	75.4	73.7	73.7	76.3	79.6	81.3	83.0	84.7	84.7
85°	58.4	59.3	58.4	56.0	55.0	57.6	61.0	64.4	65.2	68.6	67.8
87.5°	31.3	32.2	29.6	28.8	31.3	33.1	36.4	37.3	39.0	39.8	40.6
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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CATALOG NUMBER: VXS-F03-LED-E1-SLL-7060

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6
2.5°	900.4	899.6	900.4	898.8	898.8	897.1	895.3	894.5	892.8	892.0	890.3
5°	915.6	913.2	910.6	909.7	906.3	903.0	900.4	896.2	892.8	886.8	885.2
7.5°	925.8	919.9	916.6	915.6	910.6	908.1	902.2	897.1	892.0	884.4	881.8
10°	930.1	924.1	918.2	915.6	909.7	905.5	899.6	892.0	887.8	880.1	878.4
12.5°	935.1	924.1	914.8	908.1	899.6	890.3	884.4	880.1	874.2	869.9	868.3
15°	925.8	911.5	897.1	884.4	870.8	860.6	854.7	847.9	841.1	838.7	838.7
17.5°	900.4	881.8	857.2	841.1	826.7	815.8	808.1	801.3	800.5	797.1	798.8
20°	847.9	823.3	799.7	787.8	779.3	772.5	764.9	761.6	759.0	753.9	752.2
22.5°	775.0	754.7	737.8	729.3	722.6	714.1	707.4	697.1	694.6	689.5	686.9
25°	694.6	678.5	664.1	658.1	654.0	642.1	637.8	624.2	615.0	609.0	612.4
27.5°	614.1	602.3	588.7	581.1	578.5	567.6	563.3	548.1	540.4	540.4	531.9
30°	531.1	520.1	511.6	503.2	501.5	487.9	476.9	471.0	462.5	459.1	453.2
32.5°	453.2	442.2	435.4	431.2	424.4	413.4	402.4	392.2	378.7	373.6	371.0
35°	381.1	372.7	364.2	360.8	351.5	339.7	326.1	317.6	301.6	295.6	293.1
37.5°	326.1	316.0	310.1	300.7	291.4	278.7	268.5	260.9	254.9	252.4	252.4
40°	282.1	274.4	267.7	260.1	252.4	245.7	240.5	238.9	238.0	238.0	239.7
42.5°	249.0	242.3	238.9	234.6	232.1	232.1	231.3	232.1	233.0	233.8	236.4
45°	227.0	222.8	221.0	220.2	222.0	223.6	224.5	226.2	229.5	231.3	232.1
47.5°	215.1	211.8	210.9	211.8	214.3	217.7	221.0	223.6	226.2	227.0	227.9
50°	203.3	199.1	197.4	199.1	202.5	207.6	210.1	214.3	216.0	217.7	216.0
52.5°	193.2	189.7	188.9	188.9	192.3	195.6	199.1	202.5	203.3	203.3	202.5
55°	184.7	182.1	179.6	181.2	183.8	187.3	192.3	194.8	196.5	197.4	197.4
57.5°	177.9	175.3	172.8	174.5	177.0	180.4	185.5	188.1	189.7	192.3	193.2
60°	172.8	169.4	166.8	169.4	171.9	177.0	181.2	183.8	188.1	188.9	188.9
62.5°	167.8	164.4	160.1	162.6	162.6	165.2	169.4	172.8	177.0	178.8	178.8
63°	166.8	163.5	159.3	160.9	160.9	162.6	166.0	169.4	174.5	176.2	175.3
65°	160.1	159.3	155.0	155.0	153.4	155.0	157.5	160.9	163.5	166.0	166.0
67.5°	149.1	148.2	147.4	147.4	147.4	149.1	150.8	153.4	155.9	157.5	156.7
70°	136.4	136.4	136.4	137.2	137.2	139.0	139.8	139.0	141.5	143.1	142.3
72.5°	125.4	124.6	123.6	125.4	124.6	124.6	126.2	125.4	127.9	127.9	128.7
75°	113.5	112.6	112.6	113.5	111.8	110.2	111.0	111.0	111.8	111.8	113.5
77.5°	103.3	103.3	103.3	102.5	100.8	100.0	99.1	99.1	99.1	99.1	100.0
80°	94.0	94.0	94.0	93.2	91.5	89.7	88.1	87.3	86.4	82.2	82.2
82.5°	84.7	84.7	84.7	84.7	83.8	82.2	79.6	72.8	69.4	66.1	66.9
85°	66.9	68.6	70.3	72.8	72.0	72.0	66.9	58.4	53.4	49.9	50.8
87.5°	43.2	38.1	38.1	37.3	35.5	33.9	33.9	28.8	23.7	21.1	22.1
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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REPORT N
CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6	888.6	0°
2.5°	890.3	888.6	886.8	886.8	884.4	884.4	882.7	886.0	882.7	880.1	880.1	2.5°
5°	883.5	881.8	876.7	875.9	872.5	872.5	872.5	870.8	870.8	869.1	868.3	5°
7.5°	879.3	875.0	870.8	868.3	868.3	866.5	869.9	868.3	869.1	869.1	869.9	7.5°
10°	875.9	872.5	870.8	869.9	869.9	872.5	875.0	875.9	875.0	875.9	875.9	10°
12.5°	867.4	869.1	869.9	873.4	877.6	882.7	888.6	889.4	891.1	891.1	892.8	12.5°
15°	840.3	844.6	849.6	858.1	869.1	880.1	891.1	900.4	908.9	913.2	916.6	15°
17.5°	802.2	806.4	815.8	825.1	839.5	855.5	874.2	890.3	908.1	924.1	940.2	17.5°
20°	750.5	757.3	759.8	776.8	793.7	815.8	837.7	863.2	893.7	924.1	955.5	20°
22.5°	683.6	691.2	703.1	716.6	734.4	761.6	787.8	827.6	868.3	911.5	960.6	22.5°
25°	609.0	617.5	627.7	642.1	659.9	688.7	726.8	769.1	819.2	875.9	936.9	25°
27.5°	531.9	540.4	548.9	559.1	579.4	609.8	654.8	698.9	753.9	815.8	886.8	27.5°
30°	454.9	455.8	460.8	473.5	494.7	534.5	567.6	622.6	680.2	745.4	827.6	30°
32.5°	370.2	369.3	375.2	386.2	406.6	444.7	485.4	538.8	595.5	677.6	762.4	32.5°
35°	294.8	294.8	305.8	316.8	339.7	366.7	402.4	449.8	516.7	593.0	677.6	35°
37.5°	254.9	260.9	267.7	278.7	296.5	317.6	349.0	390.5	443.0	515.9	593.8	37.5°
40°	242.3	245.7	251.6	261.8	277.0	296.5	319.4	350.7	391.4	449.8	520.9	40°
42.5°	237.2	238.0	241.5	249.0	262.6	282.1	305.8	333.8	364.2	405.7	467.6	42.5°
45°	232.1	231.3	233.0	238.9	249.8	271.9	299.1	329.5	360.0	394.7	445.6	45°
47.5°	227.9	227.9	227.9	230.4	240.5	262.6	293.9	329.5	365.9	404.9	454.9	47.5°
50°	216.0	215.1	215.1	216.9	224.5	248.2	285.5	328.7	376.1	426.9	483.7	50°
52.5°	202.5	202.5	203.3	204.1	210.9	234.6	276.2	328.7	388.0	455.8	526.8	52.5°
55°	198.2	199.1	199.9	199.1	204.1	224.5	266.0	323.6	393.1	478.5	573.5	55°
57.5°	194.8	196.5	196.5	195.6	199.1	216.0	255.9	313.4	388.8	487.0	606.5	57.5°
60°	189.7	189.7	189.7	187.3	188.9	204.1	240.5	297.3	375.2	479.5	611.6	60°
62.5°	178.8	178.8	177.0	176.2	175.3	187.3	220.2	273.6	350.7	459.1	598.9	62.5°
63°	176.2	175.3	175.3	172.8	172.8	183.8	216.0	270.3	343.9	454.0	593.8	63°
65°	166.8	166.8	166.8	165.2	164.4	172.8	199.1	246.5	317.6	430.4	568.4	65°
67.5°	156.7	157.5	155.9	155.0	154.2	159.3	179.6	216.9	277.0	380.3	520.9	67.5°
70°	142.3	143.1	143.1	142.3	141.5	144.9	157.5	186.3	229.5	316.8	443.8	70°
72.5°	129.6	131.3	131.3	133.0	133.0	135.5	140.6	155.0	183.8	247.4	349.0	72.5°
75°	116.1	116.9	118.5	120.3	118.5	117.7	118.5	129.6	144.0	183.0	249.0	75°
77.5°	104.1	106.7	106.7	105.9	103.3	101.7	101.7	106.7	118.5	139.0	177.9	77.5°
80°	86.4	90.7	91.5	88.9	86.4	86.4	88.1	91.5	99.1	114.4	134.7	80°
82.5°	69.4	73.7	74.5	75.4	74.5	77.1	77.1	77.9	82.2	94.0	110.2	82.5°
85°	53.4	56.8	59.3	60.1	61.0	61.9	61.0	56.8	59.3	66.9	74.5	85°
87.5°	23.7	24.6	22.9	23.7	22.9	23.7	24.6	20.3	19.5	26.2	27.2	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90°

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DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
888.6	888.6	888.6	888.6	888.6	888.6	888.6
879.3	879.3	880.1	878.4	878.4	879.3	876.7
865.7	869.1	869.1	869.1	867.4	869.1	869.9
869.1	871.6	873.4	873.4	872.5	875.9	878.4
873.4	877.6	879.3	879.3	879.3	883.5	889.4
889.4	892.8	895.3	895.3	897.1	902.2	908.9
919.1	923.3	923.3	922.5	927.6	933.5	941.1
952.1	963.9	969.9	969.0	973.3	980.9	989.4
983.4	1016.5	1030.9	1041.0	1045.3	1055.4	1058.0
1009.7	1064.8	1104.6	1138.4	1154.6	1164.8	1176.6
1000.4	1074.9	1146.1	1215.5	1264.7	1314.6	1335.9
962.3	1055.4	1148.6	1250.3	1339.3	1428.2	1492.5
915.6	1027.5	1152.8	1296.9	1437.5	1573.9	1682.3
862.3	1001.2	1162.2	1340.1	1524.8	1703.4	1860.2
795.4	951.3	1139.3	1344.4	1562.0	1778.9	1982.2
710.7	883.5	1085.9	1313.8	1563.7	1811.9	2055.0
626.0	797.9	1018.1	1269.7	1541.7	1819.5	2100.7
566.7	721.7	949.5	1213.9	1506.1	1807.7	2122.8
526.0	666.6	888.6	1163.0	1468.0	1786.5	2126.1
522.7	642.9	848.8	1125.8	1437.5	1767.9	2126.1
551.4	655.6	835.2	1107.2	1424.8	1762.0	2127.9
605.7	706.4	859.8	1121.6	1434.9	1769.5	2135.4
670.9	783.5	925.8	1171.5	1478.1	1794.9	2152.4
730.2	872.5	1038.5	1268.1	1556.9	1859.4	2199.9
764.9	948.7	1157.9	1403.6	1691.6	1987.3	2294.7
769.1	991.1	1263.8	1551.0	1855.1	2133.8	2446.3
765.8	994.5	1277.4	1579.0	1889.8	2170.3	2498.9
747.2	995.3	1315.5	1677.2	2010.2	2323.5	2645.4
699.7	968.2	1329.0	1754.3	2161.8	2525.2	2919.1
617.5	891.1	1289.2	1756.0	2220.2	2637.8	3091.8
496.4	744.6	1117.3	1597.6	2066.0	2526.8	3046.9
363.4	547.3	844.6	1237.6	1685.7	2103.3	2609.8
241.5	354.1	569.2	881.8	1208.8	1513.7	1878.9
166.0	219.4	332.8	530.3	739.5	887.8	1196.9
122.0	144.9	184.7	271.1	355.8	437.9	625.2
76.3	83.0	92.3	133.9	191.4	258.3	389.6
20.3	21.1	19.5	26.2	41.6	39.8	44.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)