

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: P152754

Luminaire Tested: **VXS-F05-LED-E1-SLL-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P152754
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-F05-LED-E1-SLL-7030
Description: VISION SITE SMALL LED LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (35) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10489.8 lumens
Efficiency: N/A
Efficacy: 78.7 lumens/watt
Luminous Opening: Rectangular (W 0.83' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B2 - 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

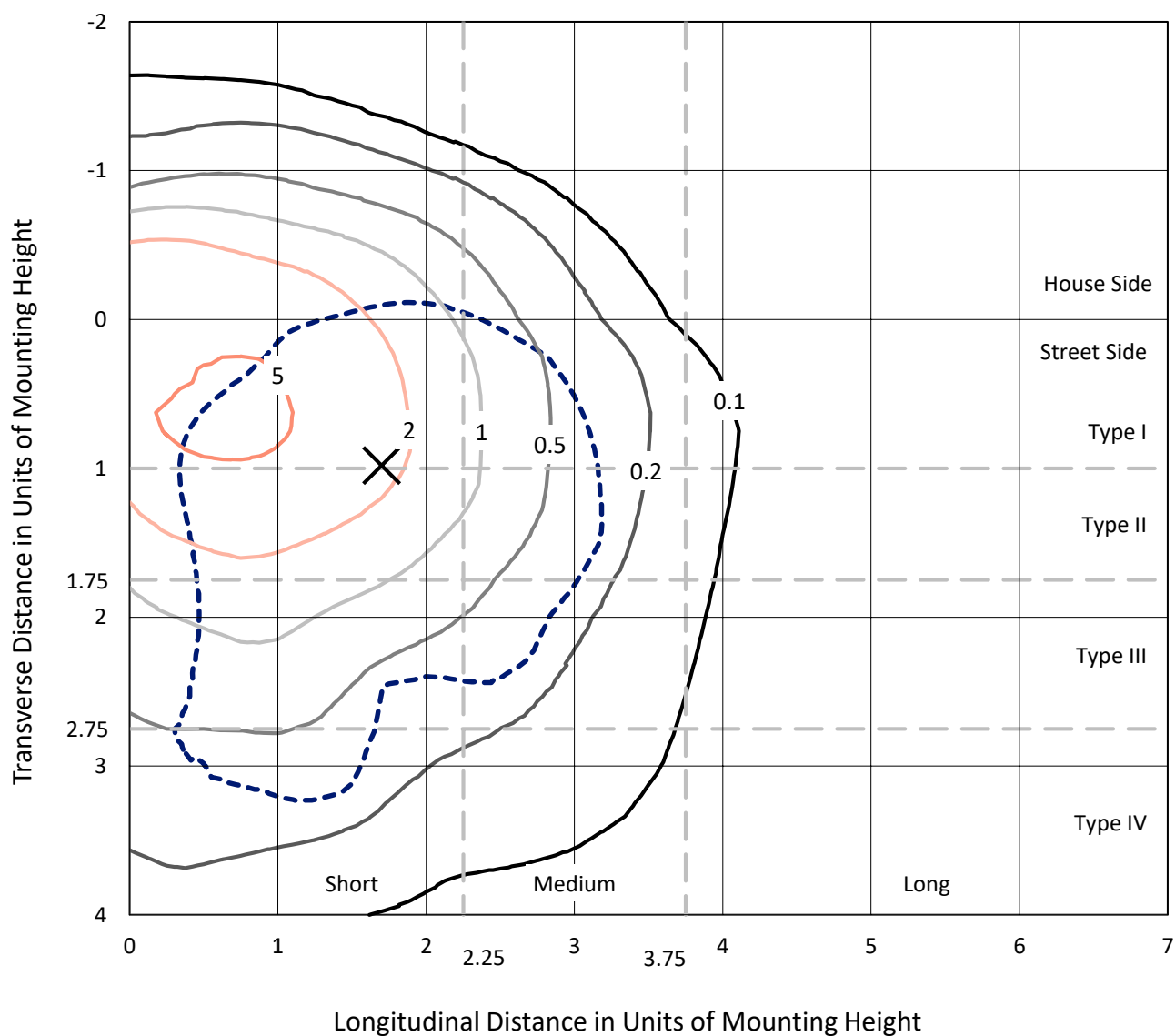


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

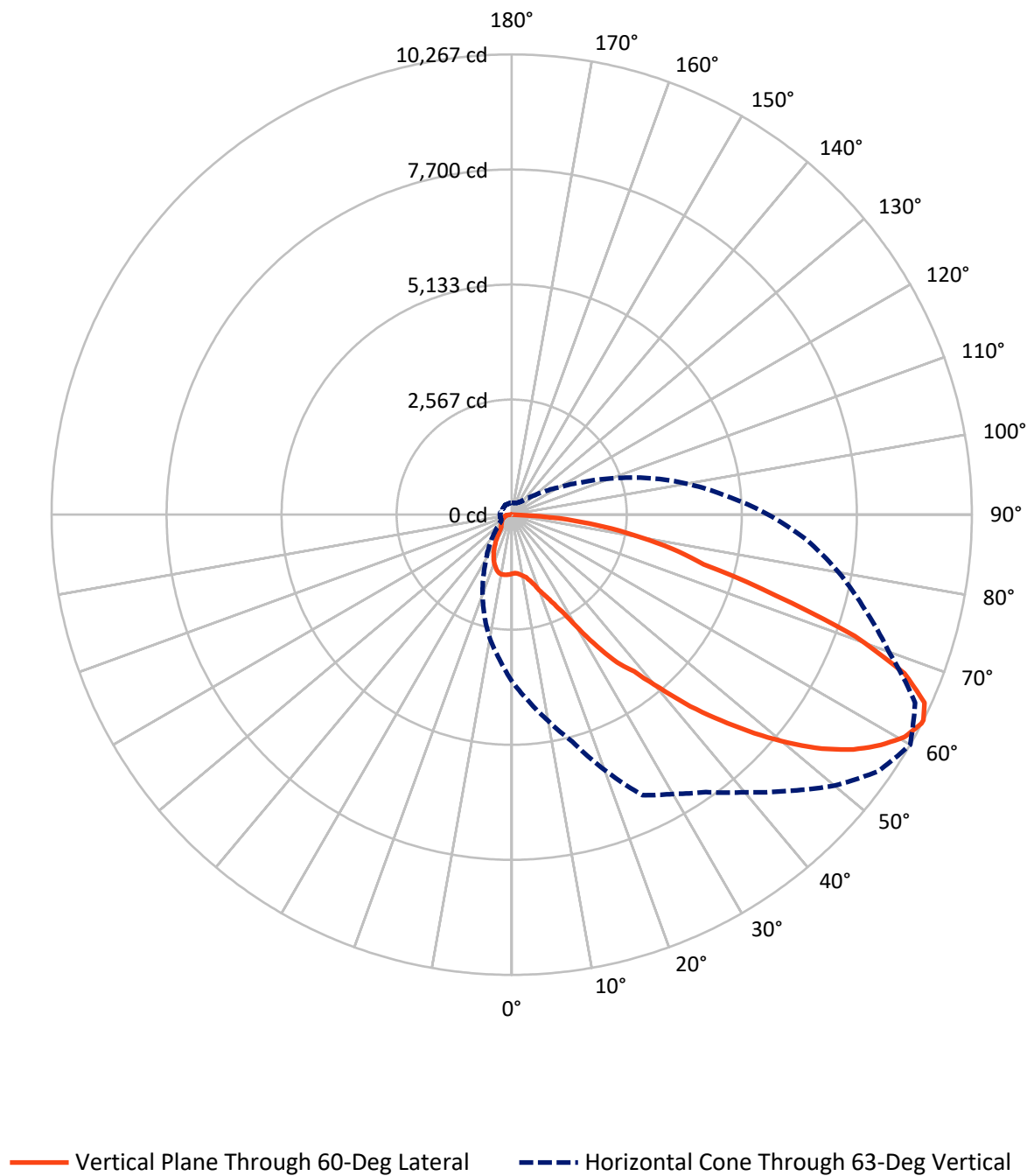


Based on 20 foot mounting height. Maximum calculated value = 6.5 fc
Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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CATALOG NUMBER: VXS-F05-LED-E1-SLL-7030

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2274.7	0.0	2274.7
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	8215.1	0.0	8215.1
	% Fixture	78.3	0.0	78.3
Total	Lumens	10489.8	0.0	10489.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	128.3	1.2
10°-20°	399.7	3.8
20°-30°	710.0	6.8
30°-40°	1118.1	10.7
40°-50°	1645.5	15.7
50°-60°	2185.6	20.8
60°-70°	2407.5	23.0
70°-80°	1510.4	14.4
80°-90°	384.7	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°	10489.8	100.0
0°-180°	10489.8	100.0

Coefficient of Utilization



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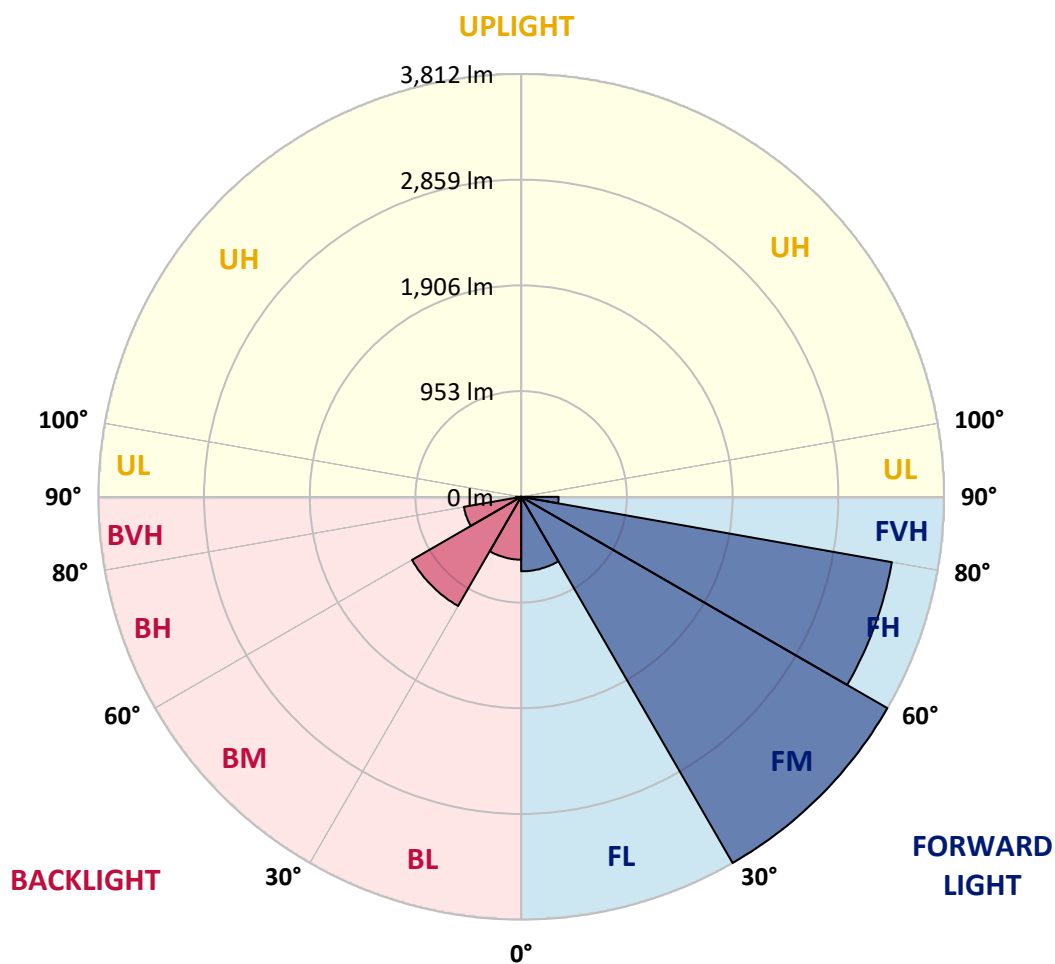
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	671.7	6.4			
FM	(30°-60°)	3812.2	36.3			
FH	(60°-80°)	3393.6	32.4			G2/5000
FVH	(80°-90°)	337.6	3.2			G3/500
BL	(0°-30°)	566.3	5.4	B2/1000		
BM	(30°-60°)	1136.9	10.8	B2/2500		
BH	(60°-80°)	524.3	5.0	B2/1000		G2/1000
BVH	(80°-90°)	47.1	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-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2
2.5°	1300.6	1303.1	1303.1	1301.9	1301.9	1304.5	1303.1	1301.9	1298.1	1303.1	1303.1
5°	1290.6	1293.1	1293.1	1295.6	1298.1	1300.6	1300.6	1303.1	1301.9	1306.9	1310.7
7.5°	1303.1	1305.7	1310.7	1317.0	1320.7	1329.5	1329.5	1335.9	1338.3	1342.1	1340.8
10°	1319.5	1325.8	1337.1	1347.2	1354.7	1364.8	1372.2	1381.0	1381.0	1384.9	1387.4
12.5°	1348.4	1354.7	1367.3	1379.8	1391.1	1403.7	1415.0	1423.8	1432.5	1435.1	1440.1
15°	1396.2	1403.7	1422.5	1440.1	1454.0	1470.3	1485.4	1503.0	1519.3	1523.1	1525.6
17.5°	1467.8	1482.9	1496.7	1528.1	1548.2	1569.5	1593.5	1618.5	1623.6	1649.9	1656.3
20°	1569.5	1588.4	1600.9	1639.9	1673.9	1701.6	1736.7	1765.6	1776.9	1802.1	1827.2
22.5°	1745.5	1741.8	1760.6	1799.5	1824.7	1880.0	1910.2	1940.3	1955.3	1993.1	2013.2
25°	1981.8	2001.9	2043.3	2047.0	2071.0	2135.0	2174.0	2204.1	2205.4	2216.8	2238.1
27.5°	2214.2	2297.2	2362.5	2397.7	2461.8	2520.8	2518.3	2561.0	2494.5	2508.3	2528.4
30°	2495.8	2634.0	2757.1	2840.0	2905.4	2974.5	3008.4	3032.3	3003.4	2990.9	2966.9
32.5°	2759.6	2953.2	3142.9	3289.9	3411.8	3526.2	3601.6	3635.5	3675.8	3777.5	3814.0
35°	2940.6	3214.5	3450.8	3663.1	3866.7	4048.9	4180.9	4256.3	4227.4	4213.6	4206.0
37.5°	3048.6	3382.9	3678.2	3978.5	4212.3	4485.0	4689.8	4888.4	4933.7	4854.5	4815.5
40°	3116.5	3512.3	3891.8	4246.2	4549.1	4900.9	5154.8	5452.6	5678.9	5709.0	5616.0
42.5°	3149.2	3599.1	4041.5	4442.3	4851.9	5283.0	5604.7	5965.4	6303.4	6535.9	6478.0
45°	3154.2	3655.6	4150.8	4619.5	5107.0	5618.5	6033.2	6432.8	6885.2	7283.6	7294.9
47.5°	3154.2	3698.3	4226.1	4747.7	5335.8	5910.1	6362.5	6834.9	7389.1	7860.4	8004.9
50°	3156.7	3727.3	4296.5	4848.2	5510.5	6156.4	6667.8	7225.8	7808.8	8321.6	8600.5
52.5°	3168.0	3748.6	4351.8	4919.8	5623.5	6329.7	6905.3	7548.7	8129.3	8655.9	9016.5
55°	3193.2	3778.8	4392.0	4963.8	5699.0	6442.9	7077.5	7769.9	8336.7	8870.8	9374.6
57.5°	3263.5	3831.5	4441.0	5002.8	5740.4	6517.0	7198.1	7865.4	8415.9	8972.5	9564.5
60°	3404.2	3943.4	4525.2	5080.6	5809.5	6654.0	7256.0	7801.3	8358.0	8942.4	9607.2
62.5°	3629.2	4118.0	4642.1	5212.6	6006.8	6866.3	7211.9	7610.3	8130.6	8767.7	9455.1
63°	3707.2	4155.8	4668.5	5241.6	6060.8	6905.3	7193.1	7553.8	8084.0	8712.4	9401.0
65°	3924.6	4322.9	4794.1	5387.3	6283.3	6944.2	7046.1	7259.7	7762.4	8397.0	9081.9
67.5°	4330.5	4728.8	5064.4	5633.6	6470.6	6791.0	6589.9	6616.3	7141.6	7798.8	8414.6
70°	4586.8	5061.8	5236.5	5665.0	6436.6	6563.5	5999.3	5649.9	6070.9	6819.9	7359.0
72.5°	4520.2	5065.6	5046.7	5246.5	5758.0	5876.2	5291.8	4741.3	4991.4	5550.7	5900.0
75°	3871.7	4523.9	4385.7	4345.5	4525.2	4603.1	4164.6	4080.3	4395.8	4706.2	4711.2
77.5°	2787.3	3504.8	3342.7	3110.3	3097.6	3277.4	3336.4	3888.1	4354.3	4599.4	4491.3
80°	1775.6	2553.6	2385.2	1979.3	1973.0	2206.7	2725.7	3476.0	3969.7	4106.7	3825.3
82.5°	927.5	1671.4	1735.4	1485.4	1700.2	2087.3	2593.8	2801.0	2988.3	3007.2	2675.4
85°	578.0	1028.0	1208.9	1247.9	1535.6	1851.1	1847.3	1774.4	1691.5	1447.7	1309.4
87.5°	65.4	129.4	196.1	186.0	250.1	350.6	437.3	256.4	179.7	65.4	90.5
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2
2.5°	1305.7	1306.9	1308.2	1308.2	1314.5	1313.2	1314.5	1317.0	1320.7	1323.2	1325.8
5°	1315.8	1315.8	1320.7	1324.6	1332.0	1337.1	1339.6	1347.2	1356.0	1353.4	1360.9
7.5°	1348.4	1347.2	1352.1	1354.7	1360.9	1369.7	1368.5	1374.8	1382.3	1384.9	1391.1
10°	1392.3	1388.6	1388.6	1386.1	1387.4	1384.9	1384.9	1384.9	1389.8	1388.6	1393.7
12.5°	1437.6	1436.4	1433.9	1426.3	1426.3	1416.3	1411.2	1405.0	1403.7	1394.9	1396.2
15°	1530.6	1530.6	1525.6	1510.5	1497.9	1489.1	1476.6	1467.8	1455.2	1438.9	1430.1
17.5°	1666.3	1648.7	1642.5	1639.9	1619.8	1612.3	1584.7	1555.8	1541.9	1519.3	1506.7
20°	1832.2	1828.4	1803.3	1790.8	1765.6	1730.5	1695.2	1657.5	1634.9	1607.3	1592.2
22.5°	2019.5	1991.8	1979.3	1960.4	1921.5	1881.2	1828.4	1778.1	1743.0	1724.1	1712.8
25°	2238.1	2210.5	2197.9	2172.7	2125.0	2082.3	2016.9	1957.8	1926.4	1895.0	1877.4
27.5°	2528.4	2502.0	2486.9	2421.6	2405.3	2334.8	2254.4	2174.0	2132.5	2086.0	2055.9
30°	2962.0	2963.2	2885.3	2806.1	2724.5	2602.5	2518.3	2427.9	2360.0	2293.4	2226.8
32.5°	3694.6	3507.4	3362.8	3193.2	3016.0	2886.5	2782.3	2674.2	2579.9	2483.1	2372.5
35°	4142.0	4051.5	3864.2	3553.8	3375.3	3218.3	3102.7	2972.0	2856.4	2685.5	2517.1
37.5°	4647.2	4437.2	4209.8	4037.6	3835.3	3653.1	3459.6	3311.3	3111.5	2881.6	2642.8
40°	5384.8	5084.5	4810.5	4579.3	4317.8	4126.8	3910.7	3695.9	3430.7	3097.6	2769.6
42.5°	6155.1	5844.7	5482.8	5182.5	4874.6	4650.9	4383.2	4081.7	3692.0	3279.9	2879.0
45°	6963.1	6548.4	6114.9	5748.0	5427.5	5149.7	4818.0	4418.4	3943.4	3443.2	2980.8
47.5°	7759.9	7283.6	6767.0	6372.5	5955.3	5616.0	5208.8	4703.6	4139.4	3597.8	3082.6
50°	8462.3	8003.6	7381.6	6880.2	6457.9	6039.5	5531.8	4923.6	4294.0	3731.0	3174.3
52.5°	9068.0	8673.5	8018.8	7385.4	6899.1	6429.0	5791.9	5100.7	4449.8	3854.2	3249.7
55°	9512.8	9250.3	8647.0	7861.7	7287.4	6726.8	6011.8	5271.7	4596.9	3952.2	3298.8
57.5°	9848.4	9702.6	9184.9	8310.3	7644.2	7016.0	6239.3	5476.5	4742.6	4036.4	3321.3
60°	10031.9	10072.1	9592.0	8702.4	7959.7	7257.2	6466.7	5651.2	4850.7	4085.4	3308.8
62.5°	10014.3	10260.6	9897.4	8943.6	8143.1	7400.4	6620.1	5732.8	4835.6	4007.5	3194.4
63°	9980.3	10266.8	9931.4	8960.0	8154.4	7405.5	6623.8	5721.6	4804.1	3969.7	3149.2
65°	9687.6	10122.4	9902.5	8885.8	8053.9	7311.2	6544.7	5558.2	4583.0	3767.5	2916.7
67.5°	8903.4	9447.6	9384.7	8361.8	7577.6	6921.7	6140.0	5031.6	4036.4	3269.8	2471.8
70°	7607.8	8119.3	8130.6	7272.2	6617.5	5974.1	5324.5	4094.2	3199.5	2534.7	1843.5
72.5°	5830.9	6160.1	6274.5	5709.0	5270.4	4818.0	4234.9	2972.0	2280.8	1724.1	1200.1
75°	4515.1	4424.7	4423.4	4184.7	4006.2	3785.1	3144.1	2005.6	1497.9	1120.9	733.9
77.5°	4059.0	3656.9	3267.3	2980.8	2837.5	2763.4	2062.2	1208.9	883.4	644.7	422.3
80°	3347.8	2754.6	2225.5	1916.4	1793.3	1878.7	1149.8	653.5	483.8	366.9	274.0
82.5°	2308.5	1916.4	1456.5	1206.4	1035.4	1083.2	588.1	334.3	223.7	204.9	169.6
85°	1202.6	1054.3	889.7	764.0	674.8	593.2	305.4	159.6	93.0	81.7	74.1
87.5°	0.0	1.2	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°	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2
2.5°	1329.5	1328.3	1330.8	1332.0	1335.9	1338.3	1339.6	1337.1	1340.8	1344.7	1342.1
5°	1364.8	1373.6	1374.8	1378.5	1378.5	1386.1	1386.1	1386.1	1384.9	1386.1	1383.6
7.5°	1394.9	1406.2	1407.5	1412.4	1413.8	1422.5	1418.8	1421.2	1421.2	1415.0	1412.4
10°	1398.7	1409.9	1416.3	1422.5	1431.3	1442.6	1442.6	1448.9	1448.9	1443.9	1442.6
12.5°	1399.9	1408.7	1415.0	1423.8	1436.4	1452.6	1461.5	1470.3	1474.1	1472.8	1469.0
15°	1426.3	1426.3	1427.6	1435.1	1443.9	1464.0	1476.6	1486.6	1493.0	1490.4	1484.1
17.5°	1495.4	1485.4	1477.8	1465.3	1467.8	1477.8	1485.4	1494.2	1495.4	1493.0	1482.9
20°	1575.9	1563.3	1544.5	1524.4	1514.3	1506.7	1501.7	1501.7	1497.9	1485.4	1469.0
22.5°	1690.2	1673.9	1647.5	1617.3	1597.2	1573.4	1544.5	1516.8	1486.6	1456.5	1421.2
25°	1848.5	1825.9	1798.2	1751.8	1709.0	1658.8	1599.7	1538.1	1466.5	1403.7	1352.1
27.5°	2008.2	1957.8	1886.2	1822.2	1743.0	1667.6	1583.4	1508.0	1416.3	1340.8	1284.4
30°	2140.1	2044.6	1941.6	1839.8	1735.4	1633.7	1533.2	1442.6	1342.1	1265.5	1210.2
32.5°	2241.9	2109.9	1966.6	1833.5	1705.3	1580.8	1465.3	1364.8	1262.9	1183.7	1124.7
35°	2336.2	2152.6	1970.5	1805.8	1647.5	1518.0	1387.4	1278.0	1169.9	1087.0	1022.9
37.5°	2406.5	2172.7	1947.8	1754.3	1572.1	1427.6	1294.4	1182.5	1071.9	981.5	908.6
40°	2451.7	2160.2	1898.8	1680.1	1482.9	1330.8	1195.1	1079.5	972.6	873.4	785.4
42.5°	2488.2	2143.8	1849.8	1612.3	1412.4	1246.6	1107.2	982.7	874.6	766.5	669.8
45°	2542.2	2156.4	1828.4	1564.6	1349.6	1174.9	1021.7	892.2	779.2	673.6	580.6
47.5°	2595.0	2162.7	1797.0	1505.5	1270.5	1100.8	945.0	819.4	703.7	606.9	521.6
50°	2642.8	2159.0	1748.0	1430.1	1193.8	1026.7	875.9	750.3	635.9	546.6	466.2
52.5°	2665.4	2137.6	1687.7	1357.2	1132.2	961.3	808.0	686.1	573.1	488.8	414.7
55°	2662.9	2082.3	1608.5	1288.1	1064.4	892.2	741.5	620.8	519.0	441.0	377.0
57.5°	2625.2	1996.8	1524.4	1211.4	975.1	806.7	663.5	546.6	461.2	395.9	341.8
60°	2546.0	1887.5	1413.8	1099.6	863.3	701.2	566.7	466.2	397.1	346.8	311.6
62.5°	2397.7	1730.5	1275.5	943.7	712.5	564.2	447.4	382.1	330.5	300.3	284.0
63°	2353.7	1687.7	1216.5	906.0	677.3	532.8	422.3	354.4	316.7	290.3	275.2
65°	2135.0	1477.8	1017.9	731.4	526.5	410.9	339.3	287.8	265.2	253.9	252.5
67.5°	1729.1	1162.4	720.1	501.5	358.1	296.6	260.1	238.8	228.7	226.2	228.7
70°	1213.9	733.9	457.4	333.1	265.2	238.8	222.4	213.7	207.4	208.6	211.1
72.5°	774.1	439.8	314.2	252.5	223.7	209.8	202.3	199.8	198.5	197.3	197.3
75°	441.0	292.8	241.2	218.7	203.6	192.2	186.0	183.5	184.8	186.0	183.5
77.5°	291.5	241.2	214.9	199.8	186.0	173.4	169.6	168.4	170.9	173.4	173.4
80°	229.9	214.9	199.8	184.8	162.1	153.3	155.9	157.1	155.9	157.1	153.3
82.5°	162.1	159.6	163.3	157.1	134.5	126.9	124.5	125.7	123.1	123.1	120.6
85°	75.4	75.4	79.2	79.2	76.7	77.9	84.1	91.7	95.5	91.7	86.7
87.5°	0.0	0.0	0.0	0.0	0.0	11.3	22.6	32.6	35.2	43.9	42.7
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: P152754

CATALOG NUMBER: VXS-F05-LED-E1-SLL-7030

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2
2.5°	1338.3	1340.8	1339.6	1338.3	1340.8	1338.3	1339.6	1338.3	1338.3	1337.1	1337.1
5°	1381.0	1384.9	1377.3	1376.1	1373.6	1367.3	1367.3	1364.8	1364.8	1359.7	1356.0
7.5°	1408.7	1409.9	1403.7	1402.4	1396.2	1389.8	1384.9	1379.8	1378.5	1374.8	1367.3
10°	1435.1	1432.5	1427.6	1421.2	1415.0	1406.2	1399.9	1393.7	1392.3	1386.1	1377.3
12.5°	1457.7	1456.5	1446.4	1440.1	1430.1	1421.2	1413.8	1406.2	1402.4	1394.9	1382.3
15°	1472.8	1465.3	1452.6	1441.3	1430.1	1420.0	1411.2	1402.4	1398.7	1389.8	1377.3
17.5°	1466.5	1452.6	1436.4	1422.5	1407.5	1394.9	1387.4	1378.5	1372.2	1367.3	1349.6
20°	1443.9	1423.8	1398.7	1382.3	1362.2	1345.9	1340.8	1332.0	1327.0	1308.2	1285.6
22.5°	1384.9	1356.0	1324.6	1300.6	1278.0	1261.7	1249.1	1240.3	1227.8	1216.5	1181.2
25°	1310.7	1278.0	1245.4	1216.5	1186.3	1161.1	1138.5	1117.2	1110.9	1087.0	1053.1
27.5°	1239.1	1202.6	1169.9	1136.1	1097.1	1065.6	1026.7	996.5	976.4	951.3	919.9
30°	1162.4	1126.0	1082.0	1036.8	991.5	957.6	913.6	877.1	852.0	825.6	796.7
32.5°	1065.6	1021.7	968.9	918.7	877.1	836.9	793.0	757.7	732.6	708.7	681.1
35°	955.0	897.2	840.7	785.4	741.5	707.5	668.5	642.2	624.6	603.2	574.3
37.5°	828.2	762.8	702.5	659.8	620.8	588.1	560.5	544.1	525.3	514.0	496.4
40°	700.0	635.9	576.8	537.8	505.2	486.3	471.3	467.5	454.9	439.8	428.5
42.5°	586.8	525.3	467.5	436.1	414.7	409.6	402.2	402.2	395.9	384.6	377.0
45°	510.2	446.1	395.9	373.3	361.9	360.6	356.9	356.9	355.6	350.6	341.8
47.5°	454.9	397.1	358.1	344.4	341.8	339.3	335.5	334.3	333.1	329.2	324.2
50°	404.7	355.6	330.5	324.2	325.5	321.7	317.9	314.2	313.0	309.1	304.1
52.5°	358.1	323.0	306.6	302.9	302.9	302.9	300.3	300.3	297.8	296.6	291.5
55°	331.7	305.4	296.6	295.3	294.1	292.8	290.3	290.3	287.8	286.5	280.2
57.5°	309.1	292.8	287.8	285.3	284.0	281.5	280.2	280.2	280.2	280.2	272.7
60°	291.5	284.0	282.8	280.2	279.0	274.0	271.4	270.2	271.4	272.7	265.2
62.5°	272.7	271.4	270.2	267.7	266.4	261.3	257.6	255.1	257.6	260.1	258.9
63°	267.7	266.4	266.4	265.2	263.9	257.6	253.9	251.3	253.9	256.4	256.4
65°	250.1	251.3	251.3	250.1	248.8	245.1	240.0	237.5	238.8	242.5	243.8
67.5°	231.2	232.4	231.2	232.4	231.2	228.7	225.0	222.4	221.1	222.4	223.7
70°	213.7	216.2	214.9	213.7	212.3	212.3	209.8	206.1	204.9	203.6	203.6
72.5°	198.5	198.5	196.1	196.1	194.8	194.8	192.2	188.5	187.3	187.3	184.8
75°	182.2	182.2	178.4	178.4	176.0	177.2	174.7	170.9	169.6	169.6	168.4
77.5°	172.1	168.4	162.1	160.8	159.6	159.6	158.3	154.6	153.3	153.3	152.0
80°	152.0	144.6	138.2	137.0	138.2	140.7	140.7	138.2	138.2	138.2	138.2
82.5°	118.1	115.6	111.8	109.3	109.3	113.1	118.1	120.6	123.1	125.7	125.7
85°	86.7	88.0	86.7	82.9	81.7	85.5	90.5	95.5	96.8	101.8	100.5
87.5°	46.5	47.8	43.9	42.7	46.5	49.0	54.0	55.3	57.8	59.1	60.3
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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CATALOG NUMBER: VXS-F05-LED-E1-SLL-7030

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2
2.5°	1335.9	1334.6	1335.9	1333.3	1333.3	1330.8	1328.3	1327.0	1324.6	1323.2	1320.7
5°	1358.4	1354.7	1350.9	1349.6	1344.7	1339.6	1335.9	1329.5	1324.6	1315.8	1313.2
7.5°	1373.6	1364.8	1359.7	1358.4	1350.9	1347.2	1338.3	1330.8	1323.2	1311.9	1308.2
10°	1379.8	1371.0	1362.2	1358.4	1349.6	1343.3	1334.6	1323.2	1317.0	1305.7	1303.1
12.5°	1387.4	1371.0	1357.2	1347.2	1334.6	1320.7	1311.9	1305.7	1296.9	1290.6	1288.1
15°	1373.6	1352.1	1330.8	1311.9	1291.8	1276.8	1268.0	1257.9	1247.9	1244.0	1244.0
17.5°	1335.9	1308.2	1271.7	1247.9	1226.5	1210.2	1198.9	1188.8	1187.6	1182.5	1185.1
20°	1257.9	1221.5	1186.3	1168.7	1156.2	1146.1	1134.7	1129.7	1126.0	1118.4	1116.0
22.5°	1149.8	1119.7	1094.5	1082.0	1071.9	1059.4	1049.3	1034.2	1030.5	1022.9	1019.2
25°	1030.5	1006.6	985.2	976.4	970.2	952.5	946.2	926.1	912.3	903.5	908.6
27.5°	911.1	893.5	873.4	862.1	858.3	842.0	835.6	813.1	801.8	801.8	789.2
30°	787.9	771.6	759.1	746.4	743.9	723.8	707.5	698.7	686.1	681.1	672.3
32.5°	672.3	656.0	645.9	639.7	629.5	613.3	596.9	581.9	561.8	554.2	550.5
35°	565.5	553.0	540.3	535.3	521.6	503.9	483.8	471.3	447.4	438.5	434.8
37.5°	483.8	468.7	459.9	446.1	432.3	413.5	398.3	387.0	378.2	374.5	374.5
40°	418.4	407.2	397.1	385.8	374.5	364.5	356.9	354.4	353.2	353.2	355.6
42.5°	369.4	359.4	354.4	348.1	344.4	344.4	343.1	344.4	345.6	346.8	350.6
45°	336.8	330.5	328.0	326.7	329.2	331.7	333.1	335.5	340.5	343.1	344.4
47.5°	319.2	314.2	313.0	314.2	317.9	323.0	328.0	331.7	335.5	336.8	338.0
50°	301.6	295.3	292.8	295.3	300.3	307.9	311.6	317.9	320.4	323.0	320.4
52.5°	286.5	281.5	280.2	280.2	285.3	290.3	295.3	300.3	301.6	301.6	300.3
55°	274.0	270.2	266.4	268.9	272.7	277.7	285.3	289.0	291.5	292.8	292.8
57.5°	263.9	260.1	256.4	258.9	262.6	267.7	275.2	279.0	281.5	285.3	286.5
60°	256.4	251.3	247.6	251.3	255.1	262.6	268.9	272.7	279.0	280.2	280.2
62.5°	248.8	243.8	237.5	241.2	241.2	245.1	251.3	256.4	262.6	265.2	265.2
63°	247.6	242.5	236.3	238.8	238.8	241.2	246.3	251.3	258.9	261.3	260.1
65°	237.5	236.3	229.9	229.9	227.5	229.9	233.8	238.8	242.5	246.3	246.3
67.5°	221.1	219.9	218.7	218.7	218.7	221.1	223.7	227.5	231.2	233.8	232.4
70°	202.3	202.3	202.3	203.6	203.6	206.1	207.4	206.1	209.8	212.3	211.1
72.5°	186.0	184.8	183.5	186.0	184.8	184.8	187.3	186.0	189.7	189.7	191.0
75°	168.4	167.2	167.2	168.4	165.9	163.3	164.7	164.7	165.9	165.9	168.4
77.5°	153.3	153.3	153.3	152.0	149.5	148.3	147.0	147.0	147.0	147.0	148.3
80°	139.5	139.5	139.5	138.2	135.8	133.2	130.7	129.4	128.2	121.9	121.9
82.5°	125.7	125.7	125.7	125.7	124.5	121.9	118.1	108.1	103.0	98.0	99.3
85°	99.3	101.8	104.4	108.1	106.8	106.8	99.3	86.7	79.2	74.1	75.4
87.5°	64.0	56.6	56.6	55.3	52.7	50.3	50.3	42.7	35.2	31.4	32.6
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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REPORT N
CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2	0°
2.5°	1320.7	1318.2	1315.8	1315.8	1311.9	1311.9	1309.4	1314.5	1309.4	1305.7	1305.7	2.5°
5°	1310.7	1308.2	1300.6	1299.4	1294.4	1294.4	1294.4	1291.8	1291.8	1289.3	1288.1	5°
7.5°	1304.5	1298.1	1291.8	1288.1	1288.1	1285.6	1290.6	1288.1	1289.3	1289.3	1290.6	7.5°
10°	1299.4	1294.4	1291.8	1290.6	1290.6	1294.4	1298.1	1299.4	1298.1	1299.4	1299.4	10°
12.5°	1286.8	1289.3	1290.6	1295.6	1301.9	1309.4	1318.2	1319.5	1322.0	1322.0	1324.6	12.5°
15°	1246.6	1252.8	1260.4	1273.0	1289.3	1305.7	1322.0	1335.9	1348.4	1354.7	1359.7	15°
17.5°	1190.1	1196.4	1210.2	1223.9	1245.4	1269.2	1296.9	1320.7	1347.2	1371.0	1394.9	17.5°
20°	1113.4	1123.4	1127.3	1152.3	1177.5	1210.2	1242.8	1280.5	1325.8	1371.0	1417.5	20°
22.5°	1014.1	1025.4	1043.0	1063.1	1089.5	1129.7	1168.7	1227.8	1288.1	1352.1	1425.1	22.5°
25°	903.5	916.1	931.2	952.5	979.0	1021.7	1078.2	1141.0	1215.2	1299.4	1389.8	25°
27.5°	789.2	801.8	814.3	829.4	859.6	904.8	971.4	1036.8	1118.4	1210.2	1315.8	27.5°
30°	674.8	676.1	683.6	702.5	733.9	793.0	842.0	923.6	1009.1	1105.9	1227.8	30°
32.5°	549.1	547.9	556.7	573.1	603.2	659.8	720.1	799.3	883.4	1005.3	1131.0	32.5°
35°	437.3	437.3	453.7	469.9	503.9	544.1	596.9	667.3	766.5	879.7	1005.3	35°
37.5°	378.2	387.0	397.1	413.5	439.8	471.3	517.7	579.3	657.2	765.3	880.9	37.5°
40°	359.4	364.5	373.3	388.3	410.9	439.8	473.8	520.2	580.6	667.3	772.8	40°
42.5°	351.8	353.2	358.1	369.4	389.5	418.4	453.7	495.1	540.3	602.0	693.7	42.5°
45°	344.4	343.1	345.6	354.4	370.7	403.4	443.6	488.8	534.1	585.6	661.0	45°
47.5°	338.0	338.0	338.0	341.8	356.9	389.5	436.1	488.8	542.9	600.7	674.8	47.5°
50°	320.4	319.2	319.2	321.7	333.1	368.2	423.5	487.6	557.9	633.4	717.5	50°
52.5°	300.3	300.3	301.6	302.9	313.0	348.1	409.6	487.6	575.5	676.1	781.7	52.5°
55°	294.1	295.3	296.6	295.3	302.9	333.1	394.6	480.0	583.1	710.1	850.8	55°
57.5°	289.0	291.5	291.5	290.3	295.3	320.4	379.5	465.0	576.8	722.6	899.8	57.5°
60°	281.5	281.5	281.5	277.7	280.2	302.9	356.9	441.0	556.7	711.3	907.3	60°
62.5°	265.2	265.2	262.6	261.3	260.1	277.7	326.7	405.9	520.2	681.1	888.5	62.5°
63°	261.3	260.1	260.1	256.4	256.4	272.7	320.4	400.8	510.2	673.6	880.9	63°
65°	247.6	247.6	247.6	245.1	243.8	256.4	295.3	365.7	471.3	638.3	843.2	65°
67.5°	232.4	233.8	231.2	229.9	228.7	236.3	266.4	321.7	410.9	564.2	772.8	67.5°
70°	211.1	212.3	212.3	211.1	209.8	214.9	233.8	276.5	340.5	469.9	658.4	70°
72.5°	192.2	194.8	194.8	197.3	197.3	201.0	208.6	229.9	272.7	366.9	517.7	72.5°
75°	172.1	173.4	176.0	178.4	176.0	174.7	176.0	192.2	213.7	271.4	369.4	75°
77.5°	154.6	158.3	158.3	157.1	153.3	150.8	150.8	158.3	176.0	206.1	263.9	77.5°
80°	128.2	134.5	135.8	131.9	128.2	128.2	130.7	135.8	147.0	169.6	199.8	80°
82.5°	103.0	109.3	110.6	111.8	110.6	114.4	114.4	115.6	121.9	139.5	163.3	82.5°
85°	79.2	84.1	88.0	89.2	90.5	91.7	90.5	84.1	88.0	99.3	110.6	85°
87.5°	35.2	36.5	33.9	35.2	33.9	35.2	36.5	30.2	28.9	39.0	40.2	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°
1318.2	1318.2	1318.2	1318.2	1318.2	1318.2	1318.2
1304.5	1304.5	1305.7	1303.1	1303.1	1304.5	1300.6
1284.4	1289.3	1289.3	1289.3	1286.8	1289.3	1290.6
1289.3	1293.1	1295.6	1295.6	1294.4	1299.4	1303.1
1295.6	1301.9	1304.5	1304.5	1304.5	1310.7	1319.5
1319.5	1324.6	1328.3	1328.3	1330.8	1338.3	1348.4
1363.5	1369.7	1369.7	1368.5	1376.1	1384.9	1396.2
1412.4	1430.1	1438.9	1437.6	1443.9	1455.2	1467.8
1459.0	1508.0	1529.3	1544.5	1550.7	1565.8	1569.5
1497.9	1579.6	1638.7	1688.9	1712.8	1727.9	1745.5
1484.1	1594.7	1700.2	1803.3	1876.2	1950.4	1981.8
1427.6	1565.8	1704.0	1854.8	1986.7	2118.8	2214.2
1358.4	1524.4	1710.3	1923.9	2132.5	2334.8	2495.8
1279.3	1485.4	1724.1	1988.0	2262.0	2527.2	2759.6
1180.0	1411.2	1690.2	1994.3	2317.3	2639.0	2940.6
1054.3	1310.7	1611.0	1949.1	2319.8	2688.0	3048.6
928.7	1183.7	1510.5	1883.7	2287.2	2699.3	3116.5
840.7	1070.7	1408.7	1800.8	2234.3	2681.7	3149.2
780.4	989.0	1318.2	1725.4	2177.8	2650.3	3154.2
775.3	953.8	1259.2	1670.1	2132.5	2622.6	3154.2
818.1	972.6	1239.1	1642.5	2113.7	2613.9	3156.7
898.5	1048.1	1275.5	1663.8	2128.8	2625.2	3168.0
995.2	1162.4	1373.6	1737.9	2192.8	2662.9	3193.2
1083.2	1294.4	1540.6	1881.2	2309.7	2758.3	3263.5
1134.7	1407.5	1717.8	2082.3	2509.5	2948.1	3404.2
1141.0	1470.3	1874.9	2300.9	2752.1	3165.5	3629.2
1136.1	1475.3	1895.0	2342.4	2803.6	3219.6	3707.2
1108.4	1476.6	1951.6	2488.2	2982.1	3447.0	3924.6
1038.0	1436.4	1971.7	2602.5	3206.9	3746.1	4330.5
916.1	1322.0	1912.6	2605.1	3293.7	3913.3	4586.8
736.4	1104.6	1657.5	2370.1	3065.0	3748.6	4520.2
539.1	811.8	1252.8	1836.0	2500.7	3120.3	3871.7
358.1	525.3	844.5	1308.2	1793.3	2245.6	2787.3
246.3	325.5	493.9	786.6	1097.1	1317.0	1775.6
180.9	214.9	274.0	402.2	527.8	649.7	927.5
113.1	123.1	137.0	198.5	284.0	383.3	578.0
30.2	31.4	28.9	39.0	61.6	59.1	65.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)