

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: P152763

Luminaire Tested: **VXS-F06-LED-E1-SLL-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P152763
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-F06-LED-E1-SLL-8030
Description: VISION SITE SMALL LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (42) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11631.8 lumens
Efficiency: N/A
Efficacy: 74.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B2 - U0 - G3

Input Watts (W): 156.5
Input Voltage (V): NR
Input Current (A_{in}): 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

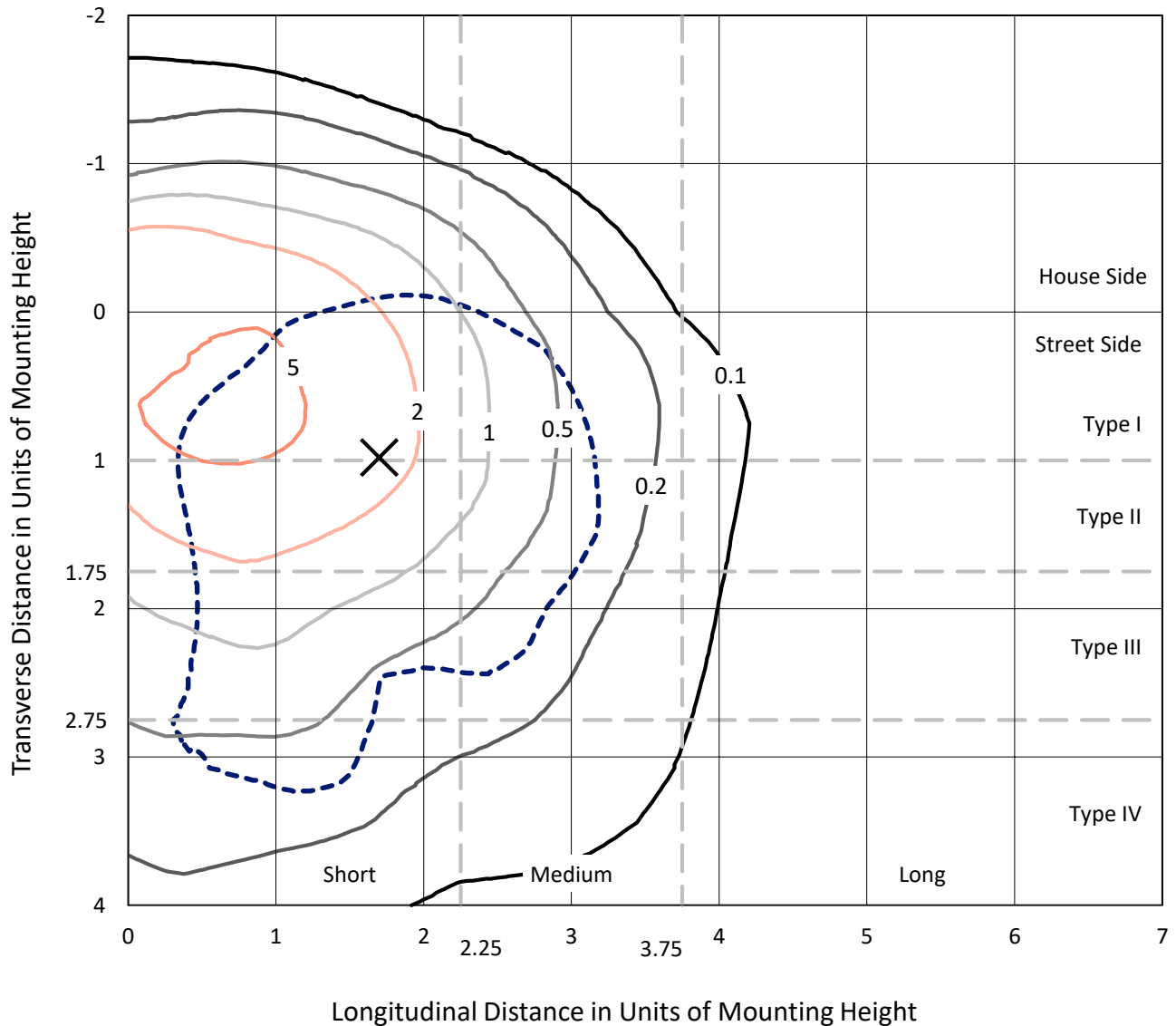


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Iso-Footcandle Lines of Horizontal Illumination

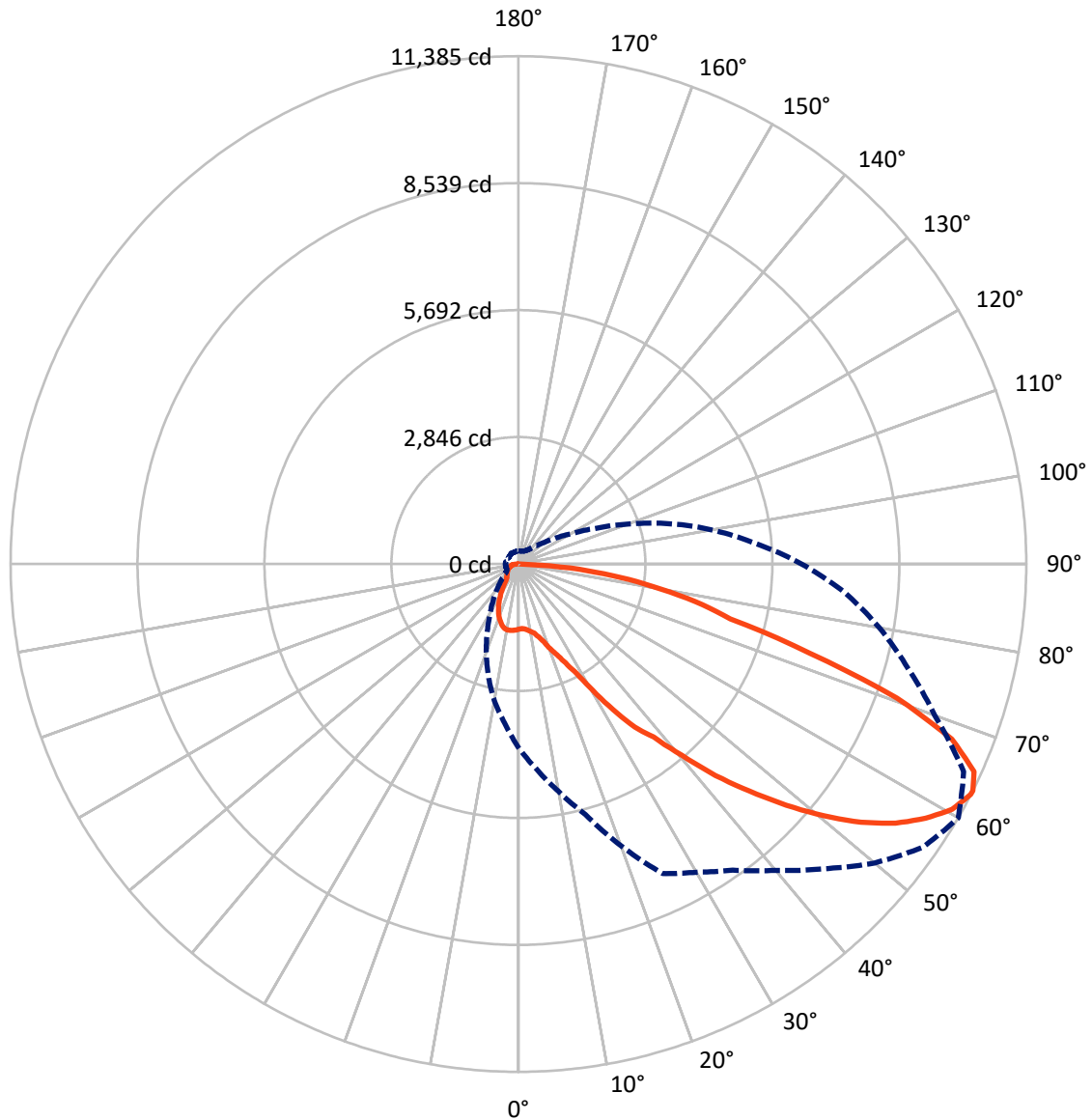
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 7.2 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 60-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2522.3	0.0	2522.3
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	9109.5	0.0	9109.5
	% Fixture	78.3	0.0	78.3
Total	Lumens	11631.8	0.0	11631.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	142.3	1.2
10°-20°	443.2	3.8
20°-30°	787.3	6.8
30°-40°	1239.8	10.7
40°-50°	1824.6	15.7
50°-60°	2423.6	20.8
60°-70°	2669.6	23.0
70°-80°	1674.9	14.4
80°-90°	426.6	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°	11631.8	100.0
0°-180°	11631.8	100.0



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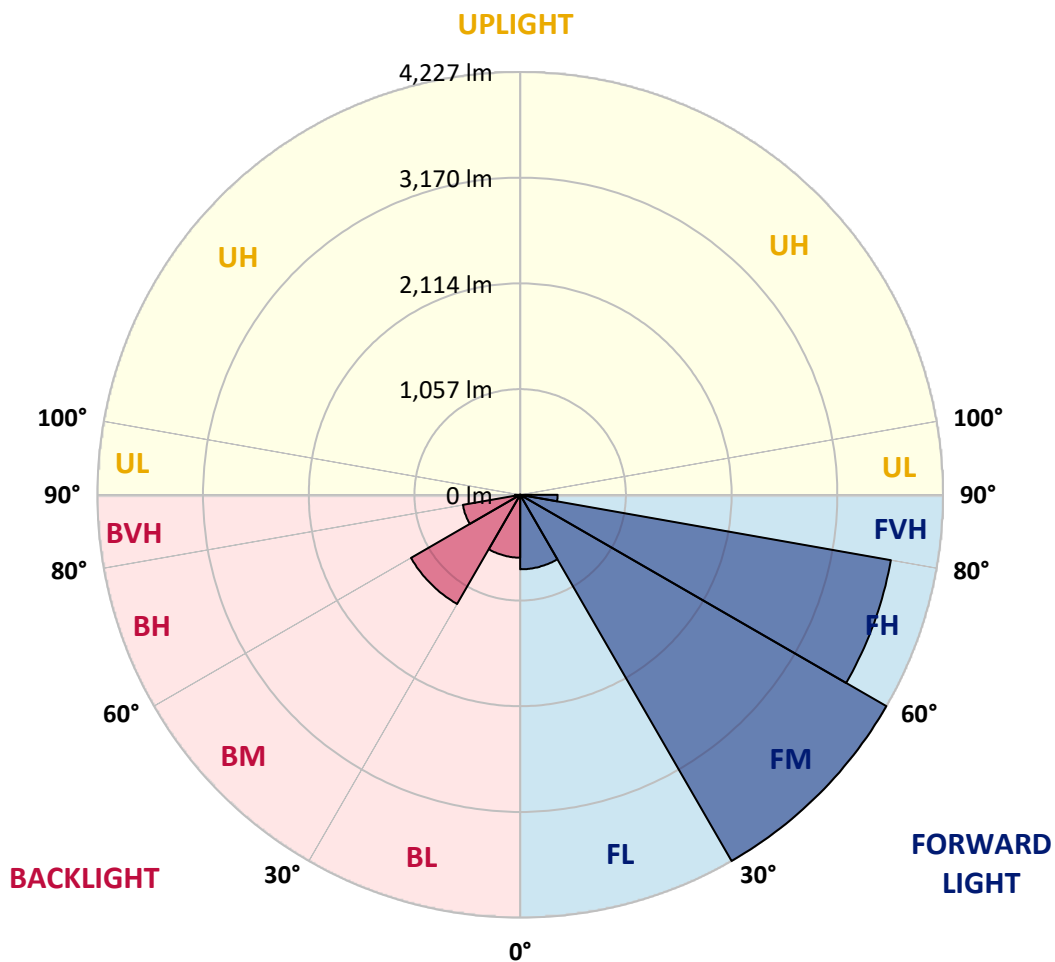
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	744.8	6.4			
FM (30°-60°)	4227.3	36.3			
FH (60°-80°)	3763.1	32.4			G2/5000
FVH (80°-90°)	374.4	3.2			G3/500
BL (0°-30°)	628.0	5.4	B2/1000		
BM (30°-60°)	1260.7	10.8	B2/2500		
BH (60°-80°)	581.4	5.0	B2/1000		G2/1000
BVH (80°-90°)	52.2	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°	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8
2.5°	1442.3	1445.1	1445.1	1443.6	1443.6	1446.4	1445.1	1443.6	1439.5	1445.1	1445.1
5°	1431.1	1433.9	1433.9	1436.7	1439.5	1442.3	1442.3	1445.1	1443.6	1449.2	1453.4
7.5°	1445.1	1447.8	1453.4	1460.3	1464.6	1474.3	1474.3	1481.2	1484.0	1488.2	1486.8
10°	1463.1	1470.2	1482.7	1493.8	1502.2	1513.3	1521.7	1531.4	1531.4	1535.6	1538.3
12.5°	1495.2	1502.2	1516.1	1530.1	1542.6	1556.5	1569.0	1578.8	1588.6	1591.3	1596.9
15°	1548.2	1556.5	1577.4	1596.9	1612.2	1630.4	1647.0	1666.6	1684.7	1688.9	1691.7
17.5°	1627.6	1644.2	1659.6	1694.5	1716.8	1740.4	1766.9	1794.8	1800.4	1829.6	1836.6
20°	1740.4	1761.3	1775.2	1818.4	1856.1	1886.7	1925.8	1957.8	1970.4	1998.2	2026.1
22.5°	1935.5	1931.4	1952.2	1995.4	2023.3	2084.7	2118.0	2151.5	2168.3	2210.1	2232.3
25°	2197.5	2219.8	2265.8	2269.9	2296.5	2367.5	2410.7	2444.1	2445.5	2458.1	2481.8
27.5°	2455.3	2547.3	2619.7	2658.8	2729.8	2795.3	2792.5	2839.9	2766.0	2781.3	2803.6
30°	2767.5	2920.7	3057.3	3149.2	3221.7	3298.3	3336.0	3362.5	3330.4	3316.5	3289.9
32.5°	3060.1	3274.6	3485.1	3648.1	3783.3	3910.1	3993.7	4031.3	4075.9	4188.8	4229.2
35°	3260.7	3564.5	3826.4	4062.0	4287.7	4489.7	4636.1	4719.7	4687.7	4672.3	4663.9
37.5°	3380.5	3751.2	4078.7	4411.7	4670.9	4973.3	5200.4	5420.6	5470.8	5383.0	5339.8
40°	3455.9	3894.7	4315.5	4708.5	5044.4	5434.5	5716.1	6046.3	6297.1	6330.6	6227.5
42.5°	3492.0	3990.9	4481.5	4925.9	5380.2	5858.1	6214.9	6614.8	6989.6	7247.5	7183.3
45°	3497.6	4053.6	4602.6	5122.4	5663.1	6230.3	6690.1	7133.2	7634.8	8076.6	8089.1
47.5°	3497.6	4101.0	4686.2	5264.6	5916.7	6553.5	7055.1	7579.1	8193.6	8716.2	8876.4
50°	3500.4	4133.1	4764.2	5376.1	6110.4	6826.6	7393.8	8012.4	8659.1	9227.6	9536.9
52.5°	3513.0	4156.7	4825.6	5455.4	6235.8	7019.0	7657.1	8370.6	9014.4	9598.2	9998.1
55°	3540.8	4190.2	4870.2	5504.2	6319.4	7144.4	7848.0	8615.9	9244.2	9836.5	10395.3
57.5°	3618.9	4248.7	4924.6	5547.4	6365.4	7226.5	7981.8	8721.8	9332.1	9949.4	10605.7
60°	3774.9	4372.7	5017.9	5633.8	6442.0	7378.4	8045.9	8650.7	9268.0	9916.0	10653.1
62.5°	4024.4	4566.4	5147.5	5780.1	6660.8	7613.9	7997.1	8438.9	9015.8	9722.3	10484.5
63°	4110.8	4608.2	5176.8	5812.1	6720.7	7657.1	7976.3	8376.2	8964.2	9660.9	10424.6
65°	4351.8	4793.6	5316.1	5973.8	6967.4	7700.3	7813.2	8050.1	8607.5	9311.2	10070.6
67.5°	4801.9	5243.6	5615.6	6246.9	7175.0	7530.4	7307.4	7336.6	7919.1	8647.9	9330.7
70°	5086.2	5613.0	5806.6	6281.8	7137.4	7278.1	6652.4	6265.1	6731.8	7562.4	8160.2
72.5°	5012.3	5617.1	5596.2	5817.7	6384.9	6515.9	5867.9	5257.6	5534.8	6154.9	6542.4
75°	4293.3	5016.5	4863.2	4818.7	5017.9	5104.2	4617.9	4524.6	4874.4	5218.5	5224.1
77.5°	3090.7	3886.4	3706.6	3448.8	3434.9	3634.2	3699.7	4311.4	4828.4	5100.1	4980.3
80°	1969.0	2831.5	2644.8	2194.7	2187.8	2446.9	3022.5	3854.3	4402.0	4553.9	4241.8
82.5°	1028.4	1853.4	1924.4	1647.0	1885.4	2314.5	2876.2	3106.0	3313.7	3334.6	2966.7
85°	641.0	1139.9	1340.5	1383.7	1702.8	2052.5	2048.4	1967.6	1875.6	1605.3	1452.0
87.5°	72.4	143.5	217.4	206.2	277.3	388.8	485.0	284.2	199.3	72.4	100.3
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8
2.5°	1447.8	1449.2	1450.6	1450.6	1457.6	1456.2	1457.6	1460.3	1464.6	1467.4	1470.2
5°	1459.0	1459.0	1464.6	1468.7	1477.1	1482.7	1485.4	1493.8	1503.5	1500.7	1509.1
7.5°	1495.2	1493.8	1499.4	1502.2	1509.1	1518.9	1517.5	1524.5	1532.8	1535.6	1542.6
10°	1543.9	1539.8	1539.8	1537.0	1538.3	1535.6	1535.6	1535.6	1541.1	1539.8	1545.4
12.5°	1594.1	1592.7	1589.9	1581.6	1581.6	1570.5	1564.9	1557.9	1556.5	1546.7	1548.2
15°	1697.2	1697.2	1691.7	1674.9	1661.0	1651.3	1637.3	1627.6	1613.7	1595.5	1585.8
17.5°	1847.8	1828.2	1821.2	1818.4	1796.2	1787.8	1757.2	1725.1	1709.7	1684.7	1670.8
20°	2031.7	2027.5	1999.6	1985.7	1957.8	1918.9	1879.8	1838.0	1813.0	1782.3	1765.5
22.5°	2239.3	2208.6	2194.7	2173.8	2130.6	2086.0	2027.5	1971.7	1932.7	1911.8	1899.3
25°	2481.8	2451.1	2437.2	2409.3	2356.4	2309.0	2236.5	2171.0	2136.2	2101.3	2081.9
27.5°	2803.6	2774.4	2757.7	2685.2	2667.2	2589.1	2499.9	2410.7	2364.8	2313.2	2279.7
30°	3284.5	3285.8	3199.4	3111.6	3021.0	2885.9	2792.5	2692.2	2616.9	2543.1	2469.2
32.5°	4096.8	3889.2	3728.9	3540.8	3344.4	3200.8	3085.2	2965.3	2860.8	2753.5	2630.9
35°	4592.8	4492.5	4285.0	3940.7	3742.9	3568.7	3440.5	3295.5	3167.4	2977.8	2791.1
37.5°	5153.1	4920.3	4668.1	4477.2	4252.8	4050.8	3836.3	3671.8	3450.3	3195.2	2930.5
40°	5971.0	5638.0	5334.2	5077.8	4788.0	4576.2	4336.5	4098.2	3804.1	3434.9	3071.2
42.5°	6825.2	6481.0	6079.7	5746.6	5405.3	5157.2	4860.4	4526.0	4094.0	3637.0	3192.4
45°	7721.2	7261.3	6780.6	6373.8	6018.4	5710.5	5342.6	4899.5	4372.7	3818.1	3305.3
47.5°	8604.7	8076.6	7503.8	7066.3	6603.6	6227.5	5776.0	5215.8	4590.1	3989.5	3418.1
50°	9383.6	8875.0	8185.3	7629.2	7161.0	6697.0	6134.1	5459.6	4761.5	4137.2	3519.9
52.5°	10055.3	9617.7	8891.7	8189.4	7650.2	7129.0	6422.5	5656.1	4934.3	4273.8	3603.5
55°	10548.6	10257.3	9588.5	8717.5	8080.7	7459.3	6666.3	5845.6	5097.3	4382.5	3657.8
57.5°	10920.6	10759.0	10184.9	9215.0	8476.5	7779.8	6918.5	6072.7	5259.0	4475.9	3682.9
60°	11124.0	11168.7	10636.4	9649.7	8826.2	8047.3	7170.8	6266.4	5378.8	4530.2	3669.0
62.5°	11104.6	11377.7	10975.0	9917.3	9029.7	8206.1	7340.8	6357.0	5362.1	4443.7	3542.2
63°	11066.9	11384.7	11012.6	9935.4	9042.3	8211.7	7345.0	6344.5	5327.3	4402.0	3492.0
65°	10742.3	11224.5	10980.5	9853.3	8930.8	8107.3	7257.2	6163.3	5082.0	4177.6	3234.2
67.5°	9872.7	10476.2	10406.4	9272.1	8402.6	7675.2	6808.5	5579.5	4475.9	3625.8	2740.9
70°	8436.1	9003.2	9015.8	8064.0	7338.0	6624.6	5904.1	4539.9	3547.8	2810.7	2044.2
72.5°	6465.7	6830.8	6957.6	6330.6	5844.2	5342.6	4696.0	3295.5	2529.1	1911.8	1330.8
75°	5006.7	4906.4	4905.0	4640.2	4442.4	4197.1	3486.4	2223.9	1661.0	1243.0	813.8
77.5°	4500.9	4055.0	3623.0	3305.3	3146.4	3064.2	2286.7	1340.5	979.6	714.8	468.2
80°	3712.2	3054.5	2467.9	2125.1	1988.5	2083.2	1275.0	724.6	536.5	406.9	303.7
82.5°	2559.8	2125.1	1615.0	1337.7	1148.2	1201.1	652.1	370.7	248.1	227.2	188.1
85°	1333.6	1169.1	986.5	847.3	748.3	657.7	338.7	177.0	103.1	90.6	82.2
87.5°	0.0	1.3	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°	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8
2.5°	1474.3	1472.8	1475.6	1477.1	1481.2	1484.0	1485.4	1482.7	1486.8	1491.0	1488.2
5°	1513.3	1523.1	1524.5	1528.6	1528.6	1537.0	1537.0	1537.0	1535.6	1537.0	1534.2
7.5°	1546.7	1559.3	1560.7	1566.2	1567.7	1577.4	1573.3	1576.1	1576.1	1569.0	1566.2
10°	1551.0	1563.5	1570.5	1577.4	1587.2	1599.7	1599.7	1606.6	1606.6	1601.1	1599.7
12.5°	1552.3	1562.1	1569.0	1578.8	1592.7	1610.9	1620.6	1630.4	1634.5	1633.2	1629.0
15°	1581.6	1581.6	1583.0	1591.3	1601.1	1623.4	1637.3	1648.5	1655.4	1652.6	1645.7
17.5°	1658.2	1647.0	1638.8	1624.8	1627.6	1638.8	1647.0	1656.8	1658.2	1655.4	1644.2
20°	1747.5	1733.5	1712.5	1690.3	1679.2	1670.8	1665.2	1665.2	1661.0	1647.0	1629.0
22.5°	1874.2	1856.1	1826.8	1793.4	1771.1	1744.7	1712.5	1682.0	1648.5	1615.0	1576.1
25°	2049.8	2024.7	1994.1	1942.5	1895.1	1839.4	1773.9	1705.6	1626.2	1556.5	1499.4
27.5°	2226.7	2171.0	2091.6	2020.5	1932.7	1849.1	1755.8	1672.1	1570.5	1486.8	1424.1
30°	2373.1	2267.2	2153.0	2040.0	1924.4	1811.5	1700.0	1599.7	1488.2	1403.2	1341.9
32.5°	2485.9	2339.7	2180.8	2033.1	1891.0	1753.0	1624.8	1513.3	1400.4	1312.6	1247.2
35°	2590.5	2387.0	2185.0	2002.4	1826.8	1683.3	1538.3	1417.2	1297.3	1205.4	1134.3
37.5°	2668.5	2409.3	2159.9	1945.3	1743.2	1583.0	1435.2	1311.3	1188.6	1088.3	1007.5
40°	2718.7	2395.3	2105.5	1863.1	1644.2	1475.6	1325.2	1197.0	1078.5	968.5	870.9
42.5°	2759.1	2377.3	2051.2	1787.8	1566.2	1382.3	1227.7	1089.7	969.8	850.1	742.7
45°	2819.0	2391.2	2027.5	1734.9	1496.6	1302.9	1132.8	989.3	863.9	746.9	643.8
47.5°	2877.5	2398.1	1992.6	1669.4	1408.8	1220.7	1047.9	908.5	780.3	673.1	578.3
50°	2930.5	2394.0	1938.3	1585.8	1323.8	1138.4	971.3	831.9	705.1	606.1	517.0
52.5°	2955.5	2370.3	1871.4	1505.0	1255.5	1066.0	896.0	760.8	635.4	542.1	459.9
55°	2952.7	2309.0	1783.6	1428.3	1180.3	989.3	822.2	688.4	575.5	489.1	418.0
57.5°	2911.0	2214.2	1690.3	1343.3	1081.3	894.6	735.8	606.1	511.4	439.0	379.1
60°	2823.2	2093.0	1567.7	1219.3	957.3	777.5	628.5	517.0	440.3	384.6	345.6
62.5°	2658.8	1918.9	1414.4	1046.5	790.1	625.7	496.1	423.6	366.5	333.1	314.9
63°	2609.9	1871.4	1348.9	1004.7	751.1	590.9	468.2	393.0	351.2	321.9	305.2
65°	2367.5	1638.8	1128.7	811.0	583.8	455.6	376.3	319.1	294.0	281.5	280.1
67.5°	1917.4	1288.9	798.4	556.0	397.1	328.8	288.5	264.8	253.6	250.8	253.6
70°	1346.1	813.8	507.3	369.2	294.0	264.8	246.6	236.9	229.9	231.3	234.1
72.5°	858.3	487.7	348.4	280.1	248.1	232.7	224.4	221.6	220.2	218.8	218.8
75°	489.1	324.7	267.6	242.5	225.7	213.2	206.2	203.4	204.9	206.2	203.4
77.5°	323.3	267.6	238.2	221.6	206.2	192.3	188.1	186.7	189.5	192.3	192.3
80°	255.0	238.2	221.6	204.9	179.8	170.1	172.7	174.2	172.7	174.2	170.1
82.5°	179.8	177.0	181.1	174.2	149.1	140.7	137.9	139.4	136.6	136.6	133.8
85°	83.6	83.6	87.8	87.8	85.0	86.4	93.4	101.8	105.9	101.8	96.2
87.5°	0.0	0.0	0.0	0.0	0.0	12.5	25.1	36.3	39.1	48.8	47.4
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: P152763

CATALOG NUMBER: VXS-F06-LED-E1-SLL-8030

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8
2.5°	1484.0	1486.8	1485.4	1484.0	1486.8	1484.0	1485.4	1484.0	1484.0	1482.7	1482.7
5°	1531.4	1535.6	1527.3	1525.8	1523.1	1516.1	1516.1	1513.3	1513.3	1507.8	1503.5
7.5°	1562.1	1563.5	1556.5	1555.1	1548.2	1541.1	1535.6	1530.1	1528.6	1524.5	1516.1
10°	1591.3	1588.6	1583.0	1576.1	1569.0	1559.3	1552.3	1545.4	1543.9	1537.0	1527.3
12.5°	1616.5	1615.0	1603.8	1596.9	1585.8	1576.1	1567.7	1559.3	1555.1	1546.7	1532.8
15°	1633.2	1624.8	1610.9	1598.3	1585.8	1574.6	1564.9	1555.1	1551.0	1541.1	1527.3
17.5°	1626.2	1610.9	1592.7	1577.4	1560.7	1546.7	1538.3	1528.6	1521.7	1516.1	1496.6
20°	1601.1	1578.8	1551.0	1532.8	1510.6	1492.4	1486.8	1477.1	1471.5	1450.6	1425.5
22.5°	1535.6	1503.5	1468.7	1442.3	1417.2	1399.1	1385.1	1375.3	1361.5	1348.9	1309.8
25°	1453.4	1417.2	1380.9	1348.9	1315.4	1287.6	1262.5	1238.8	1231.8	1205.4	1167.8
27.5°	1374.0	1333.6	1297.3	1259.7	1216.5	1181.7	1138.4	1105.0	1082.7	1054.8	1020.0
30°	1288.9	1248.6	1199.8	1149.6	1099.5	1061.9	1013.1	972.6	944.8	915.5	883.4
32.5°	1181.7	1132.8	1074.4	1018.7	972.6	928.1	879.3	840.3	812.4	785.9	755.2
35°	1059.1	994.9	932.2	870.9	822.2	784.6	741.3	712.0	692.5	668.9	636.8
37.5°	918.3	845.8	779.0	731.6	688.4	652.1	621.5	603.4	582.5	569.9	550.5
40°	776.2	705.1	639.6	596.4	560.2	539.3	522.6	518.3	504.5	487.7	475.1
42.5°	650.8	582.5	518.3	483.5	459.9	454.3	445.9	445.9	439.0	426.4	418.0
45°	565.7	494.7	439.0	413.9	401.3	399.9	395.8	395.8	394.3	388.8	379.1
47.5°	504.5	440.3	397.1	381.8	379.1	376.3	372.0	370.7	369.2	365.1	359.5
50°	448.7	394.3	366.5	359.5	360.9	356.7	352.5	348.4	346.9	342.8	337.2
52.5°	397.1	358.1	340.0	335.9	335.9	335.9	333.1	333.1	330.3	328.8	323.3
55°	367.9	338.7	328.8	327.5	326.1	324.7	321.9	321.9	319.1	317.7	310.8
57.5°	342.8	324.7	319.1	316.3	314.9	312.1	310.8	310.8	310.8	310.8	302.4
60°	323.3	314.9	313.6	310.8	309.3	303.7	301.0	299.6	301.0	302.4	294.0
62.5°	302.4	301.0	299.6	296.8	295.4	289.8	285.7	282.9	285.7	288.5	287.0
63°	296.8	295.4	295.4	294.0	292.6	285.7	281.5	278.7	281.5	284.2	284.2
65°	277.3	278.7	278.7	277.3	276.0	271.7	266.1	263.3	264.8	268.9	270.4
67.5°	256.4	257.8	256.4	257.8	256.4	253.6	249.4	246.6	245.3	246.6	248.1
70°	236.9	239.7	238.2	236.9	235.5	235.5	232.7	228.5	227.2	225.7	225.7
72.5°	220.2	220.2	217.4	217.4	216.0	216.0	213.2	209.0	207.7	207.7	204.9
75°	202.1	202.1	197.8	197.8	195.1	196.5	193.7	189.5	188.1	188.1	186.7
77.5°	190.9	186.7	179.8	178.3	177.0	177.0	175.5	171.4	170.1	170.1	168.6
80°	168.6	160.2	153.3	151.9	153.3	156.1	156.1	153.3	153.3	153.3	153.3
82.5°	131.0	128.2	124.0	121.2	121.2	125.4	131.0	133.8	136.6	139.4	139.4
85°	96.2	97.5	96.2	92.0	90.6	94.7	100.3	105.9	107.3	112.8	111.5
87.5°	51.6	53.0	48.8	47.4	51.6	54.3	59.9	61.3	64.1	65.5	66.8
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: P152763

CATALOG NUMBER: VXS-F06-LED-E1-SLL-8030

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8
2.5°	1481.2	1479.9	1481.2	1478.4	1478.4	1475.6	1472.8	1471.5	1468.7	1467.4	1464.6
5°	1506.3	1502.2	1498.0	1496.6	1491.0	1485.4	1481.2	1474.3	1468.7	1459.0	1456.2
7.5°	1523.1	1513.3	1507.8	1506.3	1498.0	1493.8	1484.0	1475.6	1467.4	1454.8	1450.6
10°	1530.1	1520.3	1510.6	1506.3	1496.6	1489.6	1479.9	1467.4	1460.3	1447.8	1445.1
12.5°	1538.3	1520.3	1505.0	1493.8	1479.9	1464.6	1454.8	1447.8	1438.0	1431.1	1428.3
15°	1523.1	1499.4	1475.6	1454.8	1432.5	1415.8	1406.0	1394.8	1383.7	1379.6	1379.6
17.5°	1481.2	1450.6	1410.2	1383.7	1360.0	1341.9	1329.3	1318.2	1316.8	1311.3	1314.1
20°	1394.8	1354.4	1315.4	1296.0	1282.0	1270.9	1258.3	1252.7	1248.6	1240.2	1237.4
22.5°	1275.0	1241.6	1213.7	1199.8	1188.6	1174.7	1163.5	1146.8	1142.7	1134.3	1130.2
25°	1142.7	1116.2	1092.4	1082.7	1075.8	1056.3	1049.3	1026.9	1011.7	1001.9	1007.5
27.5°	1010.3	990.8	968.5	956.0	951.7	933.6	926.6	901.6	889.0	889.0	875.1
30°	873.7	855.5	841.7	827.8	825.0	802.6	784.6	774.8	760.8	755.2	745.5
32.5°	745.5	727.4	716.3	709.3	698.1	680.0	661.9	645.2	622.9	614.5	610.4
35°	627.0	613.2	599.2	593.6	578.3	558.8	536.5	522.6	496.1	486.3	482.2
37.5°	536.5	519.8	510.1	494.7	479.4	458.4	441.8	429.2	419.5	415.2	415.2
40°	464.0	451.5	440.3	427.8	415.2	404.1	395.8	393.0	391.6	391.6	394.3
42.5°	409.6	398.5	393.0	386.0	381.8	381.8	380.4	381.8	383.2	384.6	388.8
45°	373.5	366.5	363.7	362.3	365.1	367.9	369.2	372.0	377.6	380.4	381.8
47.5°	354.0	348.4	346.9	348.4	352.5	358.1	363.7	367.9	372.0	373.5	374.8
50°	334.4	327.5	324.7	327.5	333.1	341.5	345.6	352.5	355.3	358.1	355.3
52.5°	317.7	312.1	310.8	310.8	316.3	321.9	327.5	333.1	334.4	334.4	333.1
55°	303.7	299.6	295.4	298.2	302.4	308.0	316.3	320.5	323.3	324.7	324.7
57.5°	292.6	288.5	284.2	287.0	291.2	296.8	305.2	309.3	312.1	316.3	317.7
60°	284.2	278.7	274.5	278.7	282.9	291.2	298.2	302.4	309.3	310.8	310.8
62.5°	276.0	270.4	263.3	267.6	267.6	271.7	278.7	284.2	291.2	294.0	294.0
63°	274.5	268.9	262.0	264.8	264.8	267.6	273.2	278.7	287.0	289.8	288.5
65°	263.3	262.0	255.0	255.0	252.2	255.0	259.2	264.8	268.9	273.2	273.2
67.5°	245.3	243.8	242.5	242.5	242.5	245.3	248.1	252.2	256.4	259.2	257.8
70°	224.4	224.4	224.4	225.7	225.7	228.5	229.9	228.5	232.7	235.5	234.1
72.5°	206.2	204.9	203.4	206.2	204.9	204.9	207.7	206.2	210.4	210.4	211.8
75°	186.7	185.3	185.3	186.7	183.9	181.1	182.6	182.6	183.9	183.9	186.7
77.5°	170.1	170.1	170.1	168.6	165.8	164.5	163.0	163.0	163.0	163.0	164.5
80°	154.7	154.7	154.7	153.3	150.5	147.7	144.9	143.5	142.2	135.1	135.1
82.5°	139.4	139.4	139.4	139.4	137.9	135.1	131.0	119.8	114.3	108.7	110.1
85°	110.1	112.8	115.6	119.8	118.4	118.4	110.1	96.2	87.8	82.2	83.6
87.5°	71.1	62.7	62.7	61.3	58.5	55.8	55.8	47.4	39.1	34.8	36.3
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: P152763
 CATALOG NUMBER: VXS-F06-LED-E1-SLL-8030

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8	0°
2.5°	1464.6	1461.8	1459.0	1459.0	1454.8	1454.8	1452.0	1457.6	1452.0	1447.8	1447.8	2.5°
5°	1453.4	1450.6	1442.3	1440.8	1435.2	1435.2	1435.2	1432.5	1432.5	1429.7	1428.3	5°
7.5°	1446.4	1439.5	1432.5	1428.3	1428.3	1425.5	1431.1	1428.3	1429.7	1429.7	1431.1	7.5°
10°	1440.8	1435.2	1432.5	1431.1	1431.1	1435.2	1439.5	1440.8	1439.5	1440.8	1440.8	10°
12.5°	1426.9	1429.7	1431.1	1436.7	1443.6	1452.0	1461.8	1463.1	1465.9	1465.9	1468.7	12.5°
15°	1382.3	1389.3	1397.6	1411.6	1429.7	1447.8	1465.9	1481.2	1495.2	1502.2	1507.8	15°
17.5°	1319.6	1326.6	1341.9	1357.2	1380.9	1407.4	1438.0	1464.6	1493.8	1520.3	1546.7	17.5°
20°	1234.6	1245.8	1249.9	1277.8	1305.7	1341.9	1378.1	1419.9	1470.2	1520.3	1571.8	20°
22.5°	1124.6	1137.1	1156.6	1178.9	1208.2	1252.7	1296.0	1361.5	1428.3	1499.4	1580.2	22.5°
25°	1001.9	1015.9	1032.5	1056.3	1085.5	1132.8	1195.6	1265.3	1347.5	1440.8	1541.1	25°
27.5°	875.1	889.0	903.0	919.7	953.2	1003.3	1077.2	1149.6	1240.2	1341.9	1459.0	27.5°
30°	748.3	749.6	758.0	779.0	813.8	879.3	933.6	1024.2	1119.0	1226.2	1361.5	30°
32.5°	608.9	607.6	617.3	635.4	668.9	731.6	798.4	886.2	979.6	1114.8	1254.1	32.5°
35°	485.0	485.0	503.0	521.1	558.8	603.4	661.9	739.9	850.1	975.4	1114.8	35°
37.5°	419.5	429.2	440.3	458.4	487.7	522.6	574.1	642.4	728.8	848.6	976.8	37.5°
40°	398.5	404.1	413.9	430.6	455.6	487.7	525.4	576.9	643.8	739.9	857.0	40°
42.5°	390.2	391.6	397.1	409.6	432.0	464.0	503.0	549.0	599.2	667.5	769.2	42.5°
45°	381.8	380.4	383.2	393.0	411.1	447.3	491.9	542.1	592.2	649.3	733.0	45°
47.5°	374.8	374.8	374.8	379.1	395.8	432.0	483.5	542.1	602.0	666.1	748.3	47.5°
50°	355.3	354.0	354.0	356.7	369.2	408.3	469.6	540.6	618.7	702.3	795.6	50°
52.5°	333.1	333.1	334.4	335.9	346.9	386.0	454.3	540.6	638.2	749.6	866.7	52.5°
55°	326.1	327.5	328.8	327.5	335.9	369.2	437.5	532.3	646.5	787.4	943.4	55°
57.5°	320.5	323.3	323.3	321.9	327.5	355.3	420.8	515.5	639.6	801.2	997.7	57.5°
60°	312.1	312.1	312.1	308.0	310.8	335.9	395.8	489.1	617.3	788.7	1006.1	60°
62.5°	294.0	294.0	291.2	289.8	288.5	308.0	362.3	450.1	576.9	755.2	985.2	62.5°
63°	289.8	288.5	288.5	284.2	284.2	302.4	355.3	444.6	565.7	746.9	976.8	63°
65°	274.5	274.5	274.5	271.7	270.4	284.2	327.5	405.5	522.6	707.9	935.0	65°
67.5°	257.8	259.2	256.4	255.0	253.6	262.0	295.4	356.7	455.6	625.7	857.0	67.5°
70°	234.1	235.5	235.5	234.1	232.7	238.2	259.2	306.5	377.6	521.1	730.2	70°
72.5°	213.2	216.0	216.0	218.8	218.8	223.0	231.3	255.0	302.4	406.9	574.1	72.5°
75°	190.9	192.3	195.1	197.8	195.1	193.7	195.1	213.2	236.9	301.0	409.6	75°
77.5°	171.4	175.5	175.5	174.2	170.1	167.3	167.3	175.5	195.1	228.5	292.6	77.5°
80°	142.2	149.1	150.5	146.3	142.2	142.2	144.9	150.5	163.0	188.1	221.6	80°
82.5°	114.3	121.2	122.6	124.0	122.6	126.8	126.8	128.2	135.1	154.7	181.1	82.5°
85°	87.8	93.4	97.5	99.0	100.3	101.8	100.3	93.4	97.5	110.1	122.6	85°
87.5°	39.1	40.4	37.6	39.1	37.6	39.1	40.4	33.5	32.0	43.2	44.6	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°



NUMBER: P152763

NUMBER: VXS-F06-LED-E1-SLL-8030

DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
1461.8	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8
1446.4	1446.4	1447.8	1445.1	1445.1	1446.4	1442.3
1424.1	1429.7	1429.7	1429.7	1426.9	1429.7	1431.1
1429.7	1433.9	1436.7	1436.7	1435.2	1440.8	1445.1
1436.7	1443.6	1446.4	1446.4	1446.4	1453.4	1463.1
1463.1	1468.7	1472.8	1472.8	1475.6	1484.0	1495.2
1511.9	1518.9	1518.9	1517.5	1525.8	1535.6	1548.2
1566.2	1585.8	1595.5	1594.1	1601.1	1613.7	1627.6
1617.8	1672.1	1695.9	1712.5	1719.6	1736.3	1740.4
1661.0	1751.6	1817.1	1872.8	1899.3	1916.1	1935.5
1645.7	1768.3	1885.4	1999.6	2080.4	2162.7	2197.5
1583.0	1736.3	1889.5	2056.8	2203.1	2349.4	2455.3
1506.3	1690.3	1896.5	2133.4	2364.8	2589.1	2767.5
1418.5	1647.0	1911.8	2204.5	2508.3	2802.3	3060.1
1308.5	1564.9	1874.2	2211.4	2569.5	2926.3	3260.7
1169.1	1453.4	1786.4	2161.2	2572.3	2980.6	3380.5
1029.7	1312.6	1674.9	2088.8	2536.2	2993.2	3455.9
932.2	1187.3	1562.1	1996.9	2477.6	2973.7	3492.0
865.4	1096.7	1461.8	1913.3	2414.9	2938.9	3497.6
859.8	1057.6	1396.3	1851.9	2364.8	2908.2	3497.6
907.2	1078.5	1374.0	1821.2	2343.8	2898.4	3500.4
996.4	1162.2	1414.4	1845.0	2360.5	2911.0	3513.0
1103.6	1288.9	1523.1	1927.2	2431.6	2952.7	3540.8
1201.1	1435.2	1708.4	2086.0	2561.2	3058.7	3618.9
1258.3	1560.7	1904.9	2309.0	2782.8	3269.1	3774.9
1265.3	1630.4	2079.1	2551.4	3051.7	3510.2	4024.4
1259.7	1636.0	2101.3	2597.4	3108.8	3570.1	4110.8
1229.0	1637.3	2164.0	2759.1	3306.7	3822.3	4351.8
1151.0	1592.7	2186.3	2885.9	3556.2	4153.9	4801.9
1015.9	1465.9	2120.8	2888.7	3652.3	4339.3	5086.2
816.6	1224.9	1838.0	2628.1	3398.7	4156.7	5012.3
597.8	900.2	1389.3	2035.9	2773.1	3460.0	4293.3
397.1	582.5	936.4	1450.6	1988.5	2490.2	3090.7
273.2	360.9	547.7	872.3	1216.5	1460.3	1969.0
200.6	238.2	303.7	445.9	585.3	720.4	1028.4
125.4	136.6	151.9	220.2	314.9	425.0	641.0
33.5	34.8	32.0	43.2	68.3	65.5	72.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)