

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: P152764

Luminaire Tested: **VXS-F06-LED-E1-SLL-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P152764
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-7030
Description: VISION SITE SMALL LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (42) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12587.7 lumens
Efficiency: N/A
Efficacy: 80.4 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 (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



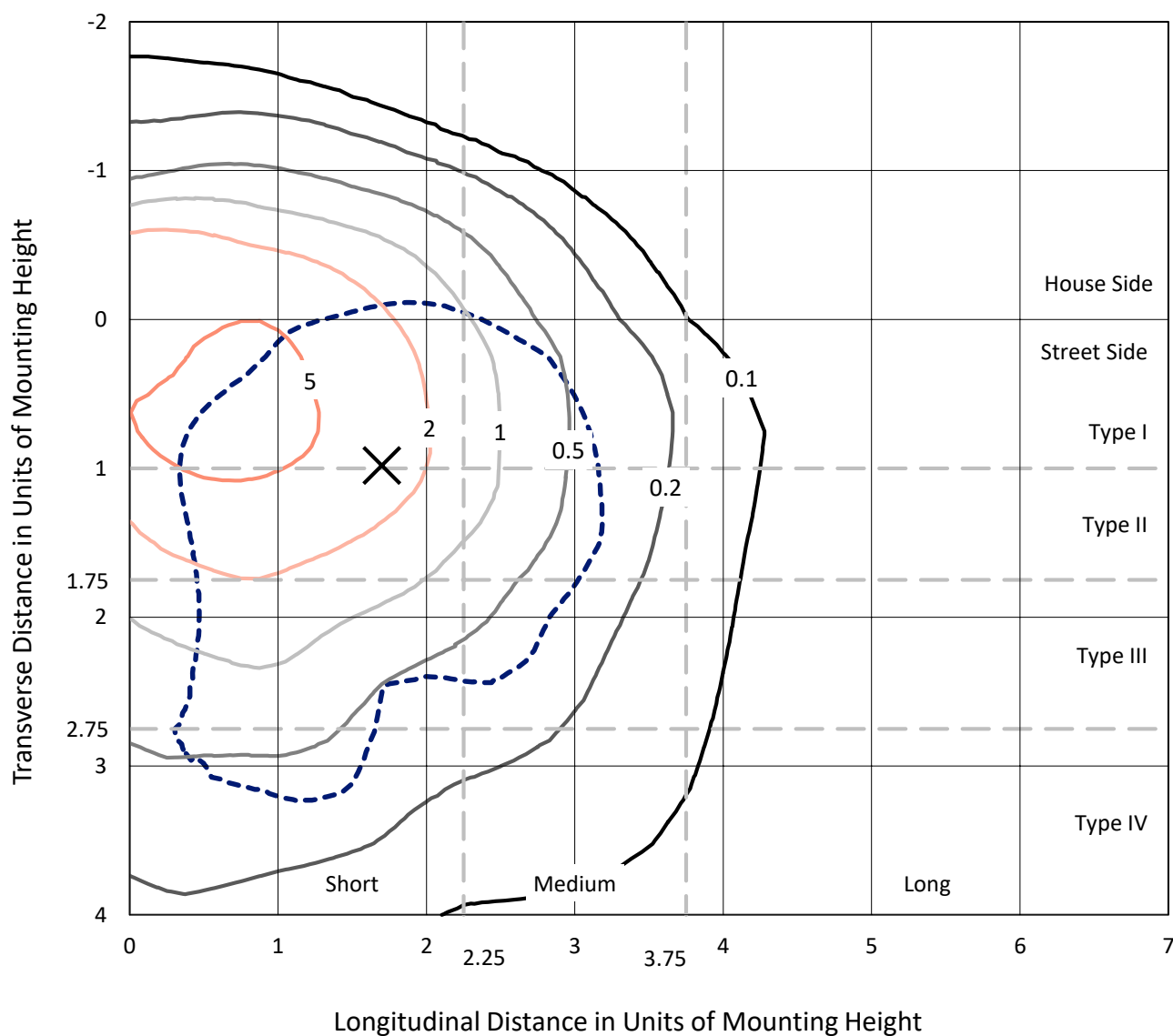
REPORT NUMBER: P152764

CATALOG NUMBER: VXS-F06-LED-E1-SLL-7030

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

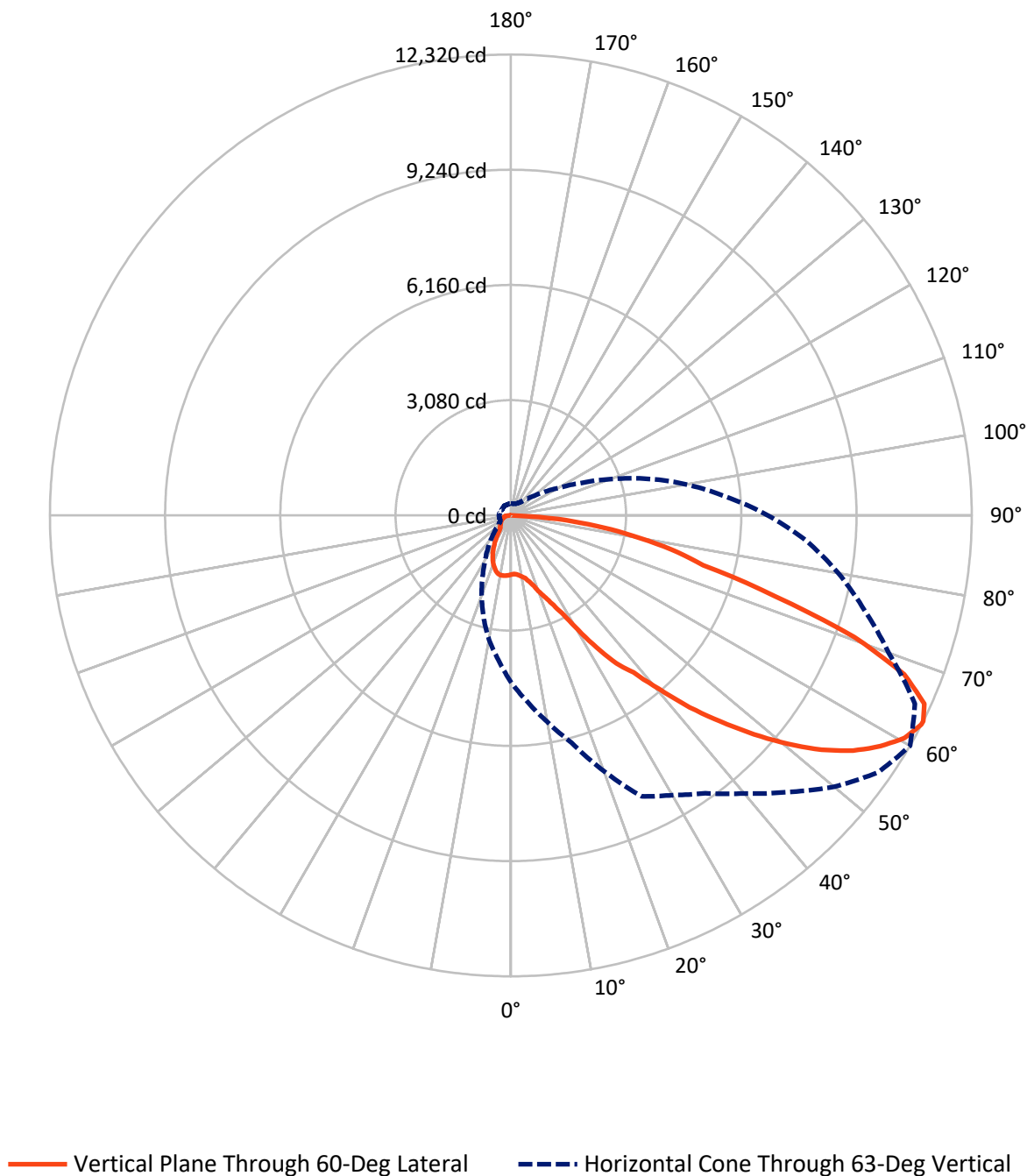


Based on 20 foot mounting height. Maximum calculated value = 7.8 fc
Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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CATALOG NUMBER: VXS-F06-LED-E1-SLL-7030

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2729.6	0.0	2729.6
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	9858.1	0.0	9858.1
	% Fixture	78.3	0.0	78.3
Total	Lumens	12587.7	0.0	12587.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	154.0	1.2
10°-20°	479.6	3.8
20°-30°	852.0	6.8
30°-40°	1341.7	10.7
40°-50°	1974.5	15.7
50°-60°	2622.8	20.8
60°-70°	2889.0	23.0
70°-80°	1812.5	14.4
80°-90°	461.6	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°	12587.7	100.0
0°-180°	12587.7	100.0

Coefficient of Utilization



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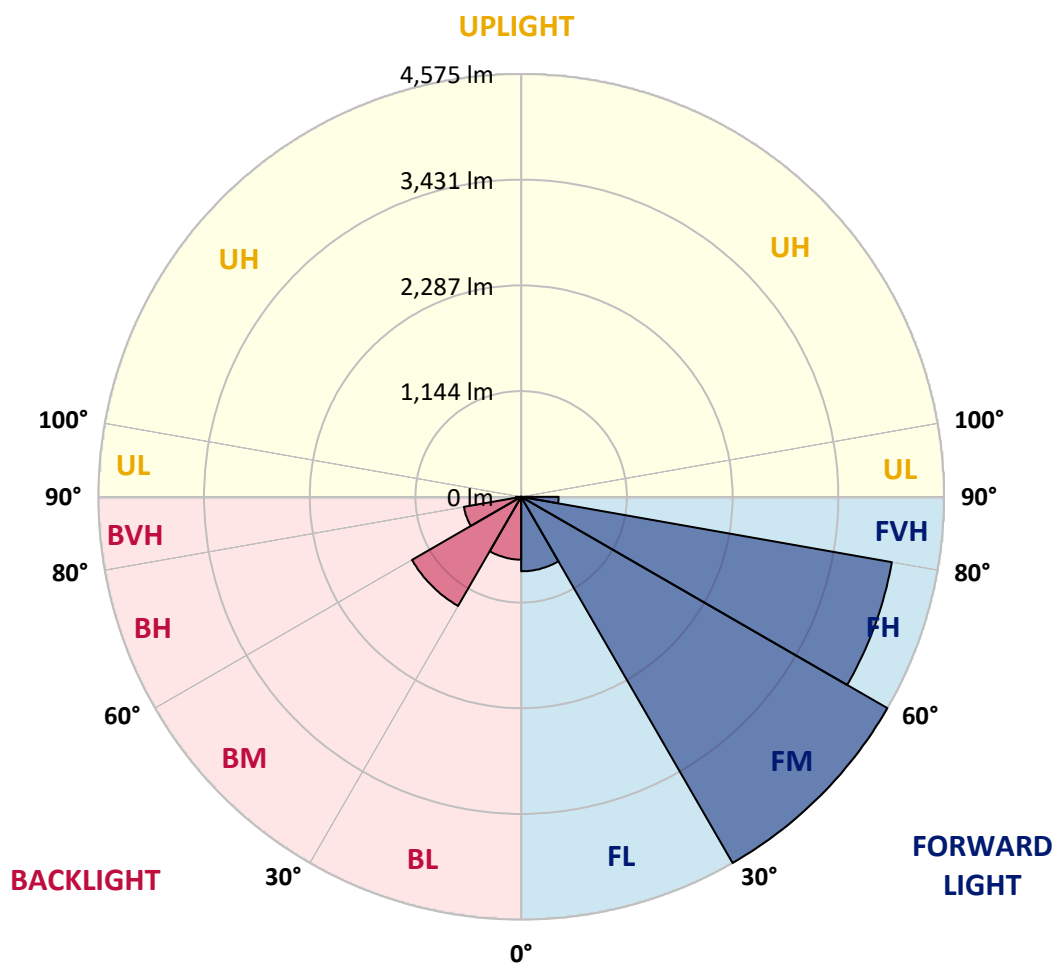
CATALOG NUMBER: VXS-F06-LED-E1-SLL-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	806.0	6.4			
FM	(30°-60°)	4574.7	36.3			
FH	(60°-80°)	4072.3	32.4			G2/5000
FVH	(80°-90°)	405.1	3.2			G3/500
BL	(0°-30°)	679.6	5.4	B2/1000		
BM	(30°-60°)	1364.3	10.8	B2/2500		
BH	(60°-80°)	629.2	5.0	B2/1000		G2/1000
BVH	(80°-90°)	56.5	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°	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9
2.5°	1560.7	1563.8	1563.8	1562.3	1562.3	1565.3	1563.8	1562.3	1557.7	1563.8	1563.8
5°	1548.7	1551.7	1551.7	1554.7	1557.7	1560.7	1560.7	1563.8	1562.3	1568.3	1572.8
7.5°	1563.8	1566.8	1572.8	1580.4	1584.9	1595.4	1595.4	1603.0	1606.0	1610.6	1609.0
10°	1583.4	1590.9	1604.5	1616.6	1625.6	1637.7	1646.7	1657.3	1657.3	1661.8	1664.8
12.5°	1618.0	1625.6	1640.7	1655.8	1669.3	1684.5	1698.0	1708.5	1719.1	1722.1	1728.2
15°	1675.3	1684.5	1707.0	1728.2	1744.8	1764.4	1782.5	1803.5	1823.1	1827.7	1830.7
17.5°	1761.3	1779.4	1796.1	1833.7	1857.8	1883.5	1912.1	1942.3	1948.3	1980.0	1987.6
20°	1883.5	1906.1	1921.1	1967.9	2008.6	2041.9	2084.0	2118.8	2132.3	2162.5	2192.6
22.5°	2094.6	2090.1	2112.6	2159.5	2189.6	2256.0	2292.1	2328.3	2346.4	2391.7	2415.8
25°	2378.1	2402.2	2452.0	2456.5	2485.2	2562.1	2608.8	2645.0	2646.5	2660.1	2685.7
27.5°	2657.1	2756.6	2835.0	2877.2	2954.2	3025.0	3022.0	3073.3	2993.4	3009.9	3034.1
30°	2994.8	3160.7	3308.5	3408.1	3486.4	3569.4	3610.2	3638.8	3604.0	3589.0	3560.3
32.5°	3311.5	3543.7	3771.5	3947.9	4094.2	4231.4	4321.9	4362.6	4410.9	4533.1	4576.8
35°	3528.7	3857.4	4140.9	4395.8	4640.1	4858.8	5017.1	5107.6	5072.8	5056.3	5047.3
37.5°	3658.3	4059.5	4413.9	4774.3	5054.8	5382.0	5627.8	5866.1	5920.3	5825.4	5778.7
40°	3739.8	4214.8	4670.3	5095.4	5459.0	5881.1	6185.8	6543.1	6814.6	6850.8	6739.2
42.5°	3779.0	4318.9	4849.6	5330.8	5822.4	6339.6	6725.6	7158.4	7564.0	7843.0	7773.7
45°	3785.1	4386.7	4980.9	5543.3	6128.5	6742.2	7239.9	7719.4	8262.3	8740.3	8753.9
47.5°	3785.1	4438.0	5071.4	5697.2	6402.9	7092.0	7634.9	8202.0	8866.9	9432.4	9605.9
50°	3788.1	4472.6	5155.9	5817.8	6612.5	7387.7	8001.3	8670.9	9370.7	9985.9	10320.6
52.5°	3801.7	4498.3	5222.2	5903.7	6748.3	7595.8	8286.4	9058.4	9755.1	10387.0	10819.8
55°	3831.8	4534.5	5270.4	5956.6	6838.8	7731.4	8493.0	9323.8	10003.9	10644.9	11249.5
57.5°	3916.3	4597.8	5329.2	6003.3	6888.5	7820.4	8637.7	9438.4	10099.0	10767.0	11477.3
60°	4085.2	4732.0	5430.3	6096.8	6971.4	7984.8	8707.2	9361.6	10029.6	10730.9	11528.6
62.5°	4355.0	4941.7	5570.5	6255.1	7208.2	8239.7	8654.3	9132.3	9756.7	10521.2	11346.1
63°	4448.6	4986.9	5602.2	6289.8	7273.1	8286.4	8631.7	9064.6	9700.8	10454.9	11281.2
65°	4709.4	5187.5	5753.0	6464.8	7539.9	8333.2	8455.2	8711.6	9314.8	10076.4	10898.2
67.5°	5196.5	5674.5	6077.2	6760.3	7764.7	8149.1	7907.9	7939.6	8569.8	9358.5	10097.5
70°	5504.1	6074.2	6283.7	6798.0	7723.9	7876.2	7199.2	6779.9	7285.1	8183.8	8830.8
72.5°	5424.2	6078.7	6056.1	6295.9	6909.6	7051.3	6350.2	5689.6	5989.7	6660.8	7080.0
75°	4646.1	5428.7	5262.9	5214.6	5430.3	5523.7	4997.5	4896.5	5274.9	5647.5	5653.5
77.5°	3344.8	4205.8	4011.3	3732.2	3717.2	3932.8	4003.7	4665.7	5225.2	5519.3	5389.5
80°	2130.8	3064.2	2862.2	2375.1	2367.6	2648.0	3270.8	4171.1	4763.7	4928.1	4590.4
82.5°	1112.8	2005.6	2082.5	1782.5	2040.3	2504.8	3112.4	3361.3	3586.0	3608.6	3210.5
85°	693.7	1233.6	1450.7	1497.4	1842.8	2221.2	2216.8	2129.3	2029.7	1737.2	1571.3
87.5°	78.4	155.3	235.2	223.2	300.1	420.7	524.8	307.7	215.6	78.4	108.6
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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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9
2.5°	1566.8	1568.3	1569.8	1569.8	1577.3	1575.9	1577.3	1580.4	1584.9	1587.9	1590.9
5°	1578.9	1578.9	1584.9	1589.4	1598.4	1604.5	1607.6	1616.6	1627.2	1624.1	1633.2
7.5°	1618.0	1616.6	1622.6	1625.6	1633.2	1643.7	1642.2	1649.7	1658.8	1661.8	1669.3
10°	1670.9	1666.3	1666.3	1663.3	1664.8	1661.8	1661.8	1661.8	1667.9	1666.3	1672.3
12.5°	1725.2	1723.6	1720.6	1711.6	1711.6	1699.5	1693.5	1685.9	1684.5	1673.9	1675.3
15°	1836.7	1836.7	1830.7	1812.6	1797.5	1786.9	1771.9	1761.3	1746.2	1726.6	1716.1
17.5°	1999.6	1978.4	1971.0	1967.9	1943.8	1934.7	1901.6	1866.8	1850.3	1823.1	1808.1
20°	2198.7	2194.1	2163.9	2148.9	2118.8	2076.5	2034.3	1989.0	1961.9	1928.7	1910.6
22.5°	2423.3	2390.2	2375.1	2352.4	2305.7	2257.4	2194.1	2133.8	2091.6	2068.9	2055.3
25°	2685.7	2652.5	2637.5	2607.4	2550.1	2498.8	2420.3	2349.4	2311.7	2274.1	2253.0
27.5°	3034.1	3002.4	2984.4	2905.9	2886.3	2801.9	2705.3	2608.8	2559.1	2503.2	2467.0
30°	3554.3	3555.9	3462.4	3367.4	3269.3	3123.0	3022.0	2913.5	2832.0	2752.1	2672.1
32.5°	4433.5	4208.8	4035.3	3831.8	3619.2	3463.8	3338.7	3209.0	3095.9	2979.8	2847.0
35°	4970.4	4861.8	4637.1	4264.6	4050.5	3862.0	3723.2	3566.4	3427.7	3222.6	3020.5
37.5°	5576.6	5324.7	5051.7	4845.2	4602.4	4383.7	4151.5	3973.6	3733.8	3457.8	3171.3
40°	6461.8	6101.3	5772.5	5495.1	5181.5	4952.2	4692.8	4435.0	4116.8	3717.2	3323.6
42.5°	7386.1	7013.7	6579.4	6219.0	5849.4	5581.0	5259.9	4897.9	4430.5	3935.9	3454.8
45°	8355.8	7858.1	7337.8	6897.5	6513.0	6179.7	5781.7	5302.1	4732.0	4131.9	3577.0
47.5°	9311.8	8740.3	8120.5	7647.0	7146.3	6739.2	6250.6	5644.4	4967.4	4317.4	3699.1
50°	10154.8	9604.4	8857.9	8256.3	7749.5	7247.4	6638.1	5908.3	5152.7	4477.2	3809.2
52.5°	10881.7	10408.1	9622.5	8862.5	8278.9	7714.8	6950.4	6120.9	5339.8	4625.0	3899.7
55°	11415.4	11100.3	10376.5	9434.0	8744.8	8072.2	7214.2	6326.0	5516.2	4742.6	3958.4
57.5°	11818.1	11643.2	11021.9	9972.3	9173.1	8419.1	7487.2	6571.8	5691.2	4843.6	3985.6
60°	12038.2	12086.5	11510.5	10442.8	9551.6	8708.6	7760.1	6781.5	5820.8	4902.5	3970.6
62.5°	12017.1	12312.7	11876.9	10732.3	9771.7	8880.5	7944.0	6879.5	5802.7	4809.0	3833.3
63°	11976.5	12320.2	11917.6	10751.9	9785.3	8886.5	7948.6	6865.9	5765.1	4763.7	3779.0
65°	11625.1	12146.8	11882.9	10663.0	9664.7	8773.5	7853.6	6669.8	5499.6	4520.9	3500.0
67.5°	10684.0	11337.0	11261.7	10034.2	9093.2	8306.0	7368.0	6038.0	4843.6	3923.7	2966.2
70°	9129.3	9743.1	9756.7	8726.7	7941.0	7169.0	6389.3	4913.1	3839.4	3041.7	2212.2
72.5°	6997.1	7392.1	7529.4	6850.8	6324.5	5781.7	5081.9	3566.4	2737.0	2068.9	1440.1
75°	5418.2	5309.6	5308.1	5021.6	4807.5	4542.1	3773.0	2406.7	1797.5	1345.1	880.6
77.5°	4870.8	4388.3	3920.7	3577.0	3405.1	3316.1	2474.6	1450.7	1060.1	773.6	506.6
80°	4017.3	3305.5	2670.7	2299.7	2151.9	2254.4	1379.8	784.1	580.6	440.3	328.7
82.5°	2770.2	2299.7	1747.8	1447.7	1242.6	1299.9	705.7	401.1	268.4	245.8	203.6
85°	1443.1	1265.2	1067.7	916.9	809.7	711.8	366.4	191.5	111.6	98.0	89.0
87.5°	0.0	1.6	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°	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9
2.5°	1595.4	1594.0	1597.0	1598.4	1603.0	1606.0	1607.6	1604.5	1609.0	1613.6	1610.6
5°	1637.7	1648.2	1649.7	1654.3	1654.3	1663.3	1663.3	1663.3	1661.8	1663.3	1660.3
7.5°	1673.9	1687.5	1688.9	1695.0	1696.5	1707.0	1702.5	1705.5	1705.5	1698.0	1695.0
10°	1678.3	1691.9	1699.5	1707.0	1717.6	1731.2	1731.2	1738.8	1738.8	1732.6	1731.2
12.5°	1679.9	1690.5	1698.0	1708.5	1723.6	1743.2	1753.8	1764.4	1768.9	1767.4	1762.8
15°	1711.6	1711.6	1713.1	1722.1	1732.6	1756.8	1771.9	1783.9	1791.5	1788.5	1780.9
17.5°	1794.5	1782.5	1773.4	1758.3	1761.3	1773.4	1782.5	1793.0	1794.5	1791.5	1779.4
20°	1891.0	1876.0	1853.3	1829.2	1817.1	1808.1	1802.1	1802.1	1797.5	1782.5	1762.8
22.5°	2028.3	2008.6	1977.0	1940.8	1916.7	1888.0	1853.3	1820.1	1783.9	1747.8	1705.5
25°	2218.2	2191.1	2157.9	2102.2	2050.9	1990.6	1919.7	1845.8	1759.8	1684.5	1622.6
27.5°	2409.7	2349.4	2263.5	2186.6	2091.6	2001.1	1900.1	1809.5	1699.5	1609.0	1541.1
30°	2568.1	2453.5	2329.8	2207.7	2082.5	1960.4	1839.8	1731.2	1610.6	1518.5	1452.2
32.5°	2690.3	2531.9	2360.0	2200.1	2046.3	1897.1	1758.3	1637.7	1515.5	1420.5	1349.6
35°	2803.3	2583.2	2364.6	2166.9	1977.0	1821.7	1664.8	1533.6	1403.9	1304.5	1227.5
37.5°	2887.8	2607.4	2337.4	2105.2	1886.5	1713.1	1553.3	1419.1	1286.3	1177.7	1090.3
40°	2942.1	2592.2	2278.5	2016.2	1779.4	1597.0	1434.1	1295.3	1167.2	1048.1	942.5
42.5°	2985.8	2572.6	2219.8	1934.7	1695.0	1496.0	1328.5	1179.3	1049.5	919.9	803.7
45°	3050.7	2587.7	2194.1	1877.4	1619.6	1409.9	1226.0	1070.7	934.9	808.3	696.7
47.5°	3114.0	2595.2	2156.4	1806.5	1524.6	1321.0	1134.0	983.2	844.5	728.4	625.8
50°	3171.3	2590.7	2097.6	1716.1	1432.5	1232.0	1051.1	900.3	763.0	656.0	559.5
52.5°	3198.4	2565.1	2025.2	1628.6	1358.7	1153.6	969.6	823.3	687.7	586.6	497.6
55°	3195.4	2498.8	1930.3	1545.7	1277.3	1070.7	889.7	745.0	622.8	529.3	452.4
57.5°	3150.2	2396.2	1829.2	1453.7	1170.2	968.1	796.2	656.0	553.5	475.0	410.2
60°	3055.2	2265.0	1696.5	1319.5	1036.0	841.5	680.1	559.5	476.5	416.2	374.0
62.5°	2877.2	2076.5	1530.6	1132.5	855.0	677.1	536.9	458.4	396.6	360.4	340.8
63°	2824.5	2025.2	1459.7	1087.3	812.8	639.4	506.6	425.3	380.0	348.4	330.3
65°	2562.1	1773.4	1221.5	877.6	631.8	493.2	407.2	345.3	318.1	304.7	303.1
67.5°	2075.0	1394.9	864.0	601.7	429.7	355.9	312.1	286.5	274.4	271.4	274.4
70°	1456.7	880.6	548.9	399.6	318.1	286.5	266.9	256.4	248.8	250.4	253.4
72.5°	928.9	527.8	377.0	303.1	268.4	251.8	242.8	239.8	238.2	236.8	236.8
75°	529.3	351.4	289.5	262.4	244.2	230.7	223.2	220.2	221.7	223.2	220.2
77.5°	349.8	289.5	257.8	239.8	223.2	208.1	203.6	202.1	205.1	208.1	208.1
80°	276.0	257.8	239.8	221.7	194.5	183.9	186.9	188.5	186.9	188.5	183.9
82.5°	194.5	191.5	196.1	188.5	161.3	152.3	149.3	150.8	147.8	147.8	144.8
85°	90.5	90.5	95.0	95.0	92.0	93.5	101.0	110.1	114.6	110.1	104.0
87.5°	0.0	0.0	0.0	0.0	0.0	13.6	27.2	39.2	42.2	52.7	51.3
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: P152764

CATALOG NUMBER: VXS-F06-LED-E1-SLL-7030

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9
2.5°	1606.0	1609.0	1607.6	1606.0	1609.0	1606.0	1607.6	1606.0	1606.0	1604.5	1604.5
5°	1657.3	1661.8	1652.7	1651.3	1648.2	1640.7	1640.7	1637.7	1637.7	1631.6	1627.2
7.5°	1690.5	1691.9	1684.5	1682.9	1675.3	1667.9	1661.8	1655.8	1654.3	1649.7	1640.7
10°	1722.1	1719.1	1713.1	1705.5	1698.0	1687.5	1679.9	1672.3	1670.9	1663.3	1652.7
12.5°	1749.2	1747.8	1735.6	1728.2	1716.1	1705.5	1696.5	1687.5	1682.9	1673.9	1658.8
15°	1767.4	1758.3	1743.2	1729.6	1716.1	1704.0	1693.5	1682.9	1678.3	1667.9	1652.7
17.5°	1759.8	1743.2	1723.6	1707.0	1688.9	1673.9	1664.8	1654.3	1646.7	1640.7	1619.6
20°	1732.6	1708.5	1678.3	1658.8	1634.6	1615.0	1609.0	1598.4	1592.4	1569.8	1542.7
22.5°	1661.8	1627.2	1589.4	1560.7	1533.6	1514.0	1499.0	1488.4	1473.3	1459.7	1417.5
25°	1572.8	1533.6	1494.4	1459.7	1423.5	1393.4	1366.2	1340.6	1333.1	1304.5	1263.7
27.5°	1486.8	1443.1	1403.9	1363.2	1316.5	1278.8	1232.0	1195.9	1171.7	1141.6	1103.8
30°	1394.9	1351.2	1298.3	1244.0	1189.8	1149.1	1096.3	1052.5	1022.4	990.8	956.1
32.5°	1278.8	1226.0	1162.7	1102.4	1052.5	1004.4	951.5	909.3	879.2	850.5	817.3
35°	1146.1	1076.7	1008.8	942.5	889.7	849.0	802.3	770.6	749.4	723.8	689.1
37.5°	993.8	915.3	843.0	791.7	745.0	705.7	672.5	653.0	630.4	616.8	595.6
40°	840.0	763.0	692.1	645.4	606.2	583.6	565.5	560.9	545.9	527.8	514.2
42.5°	704.2	630.4	560.9	523.3	497.6	491.6	482.6	482.6	475.0	461.5	452.4
45°	612.2	535.3	475.0	447.9	434.3	432.7	428.3	428.3	426.7	420.7	410.2
47.5°	545.9	476.5	429.7	413.2	410.2	407.2	402.6	401.1	399.6	395.1	389.0
50°	485.6	426.7	396.6	389.0	390.6	386.0	381.6	377.0	375.4	371.0	365.0
52.5°	429.7	387.6	368.0	363.4	363.4	363.4	360.4	360.4	357.4	355.9	349.8
55°	398.1	366.4	355.9	354.4	352.8	351.4	348.4	348.4	345.3	343.8	336.3
57.5°	371.0	351.4	345.3	342.3	340.8	337.8	336.3	336.3	336.3	336.3	327.3
60°	349.8	340.8	339.3	336.3	334.8	328.7	325.7	324.2	325.7	327.3	318.1
62.5°	327.3	325.7	324.2	321.2	319.7	313.7	309.1	306.1	309.1	312.1	310.7
63°	321.2	319.7	319.7	318.1	316.7	309.1	304.7	301.6	304.7	307.7	307.7
65°	300.1	301.6	301.6	300.1	298.5	294.1	288.0	285.0	286.5	291.1	292.5
67.5°	277.5	279.0	277.5	279.0	277.5	274.4	269.9	266.9	265.4	266.9	268.4
70°	256.4	259.4	257.8	256.4	254.8	254.8	251.8	247.4	245.8	244.2	244.2
72.5°	238.2	238.2	235.2	235.2	233.8	233.8	230.7	226.2	224.7	224.7	221.7
75°	218.7	218.7	214.1	214.1	211.1	212.6	209.6	205.1	203.6	203.6	202.1
77.5°	206.6	202.1	194.5	193.1	191.5	191.5	190.1	185.5	183.9	183.9	182.5
80°	182.5	173.4	165.9	164.4	165.9	168.9	168.9	165.9	165.9	165.9	165.9
82.5°	141.8	138.8	134.2	131.2	131.2	135.8	141.8	144.8	147.8	150.8	150.8
85°	104.0	105.6	104.0	99.5	98.0	102.6	108.6	114.6	116.2	122.2	120.6
87.5°	55.8	57.3	52.7	51.3	55.8	58.9	64.9	66.3	69.3	70.9	72.3
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: P152764

CATALOG NUMBER: VXS-F06-LED-E1-SLL-7030

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9
2.5°	1603.0	1601.5	1603.0	1600.0	1600.0	1597.0	1594.0	1592.4	1589.4	1587.9	1584.9
5°	1630.2	1625.6	1621.0	1619.6	1613.6	1607.6	1603.0	1595.4	1589.4	1578.9	1575.9
7.5°	1648.2	1637.7	1631.6	1630.2	1621.0	1616.6	1606.0	1597.0	1587.9	1574.3	1569.8
10°	1655.8	1645.2	1634.6	1630.2	1619.6	1612.0	1601.5	1587.9	1580.4	1566.8	1563.8
12.5°	1664.8	1645.2	1628.6	1616.6	1601.5	1584.9	1574.3	1566.8	1556.3	1548.7	1545.7
15°	1648.2	1622.6	1597.0	1574.3	1550.3	1532.1	1521.6	1509.5	1497.4	1493.0	1493.0
17.5°	1603.0	1569.8	1526.1	1497.4	1471.8	1452.2	1438.7	1426.5	1425.1	1419.1	1422.1
20°	1509.5	1465.8	1423.5	1402.4	1387.4	1375.2	1361.8	1355.6	1351.2	1342.1	1339.1
22.5°	1379.8	1343.6	1313.5	1298.3	1286.3	1271.2	1259.2	1241.0	1236.6	1227.5	1223.0
25°	1236.6	1207.9	1182.3	1171.7	1164.1	1143.0	1135.5	1111.4	1094.8	1084.2	1090.3
27.5°	1093.3	1072.2	1048.1	1034.5	1029.9	1010.4	1002.8	975.6	962.1	962.1	947.0
30°	945.5	925.9	910.8	895.8	892.7	868.6	849.0	838.4	823.3	817.3	806.7
32.5°	806.7	787.2	775.1	767.6	755.5	735.9	716.3	698.2	674.1	665.0	660.5
35°	678.5	663.5	648.4	642.4	625.8	604.7	580.6	565.5	536.9	526.3	521.8
37.5°	580.6	562.5	551.9	535.3	518.8	496.2	478.0	464.5	453.9	449.4	449.4
40°	502.2	488.6	476.5	462.9	449.4	437.3	428.3	425.3	423.7	423.7	426.7
42.5°	443.3	431.3	425.3	417.7	413.2	413.2	411.7	413.2	414.7	416.2	420.7
45°	404.1	396.6	393.6	392.1	395.1	398.1	399.6	402.6	408.7	411.7	413.2
47.5°	383.0	377.0	375.4	377.0	381.6	387.6	393.6	398.1	402.6	404.1	405.7
50°	361.9	354.4	351.4	354.4	360.4	369.4	374.0	381.6	384.6	387.6	384.6
52.5°	343.8	337.8	336.3	336.3	342.3	348.4	354.4	360.4	361.9	361.9	360.4
55°	328.7	324.2	319.7	322.7	327.3	333.3	342.3	346.8	349.8	351.4	351.4
57.5°	316.7	312.1	307.7	310.7	315.1	321.2	330.3	334.8	337.8	342.3	343.8
60°	307.7	301.6	297.1	301.6	306.1	315.1	322.7	327.3	334.8	336.3	336.3
62.5°	298.5	292.5	285.0	289.5	289.5	294.1	301.6	307.7	315.1	318.1	318.1
63°	297.1	291.1	283.5	286.5	286.5	289.5	295.5	301.6	310.7	313.7	312.1
65°	285.0	283.5	276.0	276.0	273.0	276.0	280.5	286.5	291.1	295.5	295.5
67.5°	265.4	263.9	262.4	262.4	262.4	265.4	268.4	273.0	277.5	280.5	279.0
70°	242.8	242.8	242.8	244.2	244.2	247.4	248.8	247.4	251.8	254.8	253.4
72.5°	223.2	221.7	220.2	223.2	221.7	221.7	224.7	223.2	227.7	227.7	229.2
75°	202.1	200.5	200.5	202.1	199.1	196.1	197.5	197.5	199.1	199.1	202.1
77.5°	183.9	183.9	183.9	182.5	179.5	177.9	176.5	176.5	176.5	176.5	177.9
80°	167.4	167.4	167.4	165.9	162.9	159.9	156.8	155.3	153.8	146.3	146.3
82.5°	150.8	150.8	150.8	150.8	149.3	146.3	141.8	129.6	123.6	117.6	119.2
85°	119.2	122.2	125.2	129.6	128.2	128.2	119.2	104.0	95.0	89.0	90.5
87.5°	76.9	67.9	67.9	66.3	63.3	60.3	60.3	51.3	42.2	37.7	39.2
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: P152764
CATALOG NUMBER: VXS-F06-LED-E1-SLL-7030

REPORT N
CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9	0°
2.5°	1584.9	1581.9	1578.9	1578.9	1574.3	1574.3	1571.3	1577.3	1571.3	1566.8	1566.8	2.5°
5°	1572.8	1569.8	1560.7	1559.3	1553.3	1553.3	1553.3	1550.3	1550.3	1547.2	1545.7	5°
7.5°	1565.3	1557.7	1550.3	1545.7	1545.7	1542.7	1548.7	1545.7	1547.2	1547.2	1548.7	7.5°
10°	1559.3	1553.3	1550.3	1548.7	1548.7	1553.3	1557.7	1559.3	1557.7	1559.3	1559.3	10°
12.5°	1544.1	1547.2	1548.7	1554.7	1562.3	1571.3	1581.9	1583.4	1586.4	1586.4	1589.4	12.5°
15°	1496.0	1503.4	1512.5	1527.6	1547.2	1566.8	1586.4	1603.0	1618.0	1625.6	1631.6	15°
17.5°	1428.1	1435.6	1452.2	1468.8	1494.4	1523.1	1556.3	1584.9	1616.6	1645.2	1673.9	17.5°
20°	1336.1	1348.2	1352.6	1382.8	1413.0	1452.2	1491.4	1536.7	1590.9	1645.2	1701.0	20°
22.5°	1217.0	1230.5	1251.6	1275.8	1307.5	1355.6	1402.4	1473.3	1545.7	1622.6	1710.1	22.5°
25°	1084.2	1099.3	1117.4	1143.0	1174.7	1226.0	1293.9	1369.2	1458.2	1559.3	1667.9	25°
27.5°	947.0	962.1	977.2	995.2	1031.5	1085.7	1165.7	1244.0	1342.1	1452.2	1578.9	27.5°
30°	809.7	811.3	820.3	843.0	880.6	951.5	1010.4	1108.4	1210.9	1327.0	1473.3	30°
32.5°	659.0	657.5	668.1	687.7	723.8	791.7	864.0	959.1	1060.1	1206.4	1357.2	32.5°
35°	524.8	524.8	544.4	563.9	604.7	653.0	716.3	800.7	919.9	1055.5	1206.4	35°
37.5°	453.9	464.5	476.5	496.2	527.8	565.5	621.2	695.2	788.7	918.3	1057.1	37.5°
40°	431.3	437.3	447.9	466.0	493.2	527.8	568.5	624.4	696.7	800.7	927.5	40°
42.5°	422.3	423.7	429.7	443.3	467.5	502.2	544.4	594.2	648.4	722.3	832.4	42.5°
45°	413.2	411.7	414.7	425.3	444.9	484.0	532.3	586.6	640.9	702.7	793.2	45°
47.5°	405.7	405.7	405.7	410.2	428.3	467.5	523.3	586.6	651.4	720.8	809.7	47.5°
50°	384.6	383.0	383.0	386.0	399.6	441.9	508.2	585.1	669.5	760.0	861.0	50°
52.5°	360.4	360.4	361.9	363.4	375.4	417.7	491.6	585.1	690.7	811.3	937.9	52.5°
55°	352.8	354.4	355.9	354.4	363.4	399.6	473.5	576.1	699.7	852.0	1020.9	55°
57.5°	346.8	349.8	349.8	348.4	354.4	384.6	455.4	557.9	692.1	867.0	1079.7	57.5°
60°	337.8	337.8	337.8	333.3	336.3	363.4	428.3	529.3	668.1	853.5	1088.8	60°
62.5°	318.1	318.1	315.1	313.7	312.1	333.3	392.1	487.0	624.4	817.3	1066.1	62.5°
63°	313.7	312.1	312.1	307.7	307.7	327.3	384.6	481.0	612.2	808.3	1057.1	63°
65°	297.1	297.1	297.1	294.1	292.5	307.7	354.4	438.9	565.5	766.0	1011.8	65°
67.5°	279.0	280.5	277.5	276.0	274.4	283.5	319.7	386.0	493.2	677.1	927.5	67.5°
70°	253.4	254.8	254.8	253.4	251.8	257.8	280.5	331.7	408.7	563.9	790.2	70°
72.5°	230.7	233.8	233.8	236.8	236.8	241.2	250.4	276.0	327.3	440.3	621.2	72.5°
75°	206.6	208.1	211.1	214.1	211.1	209.6	211.1	230.7	256.4	325.7	443.3	75°
77.5°	185.5	190.1	190.1	188.5	183.9	180.9	180.9	190.1	211.1	247.4	316.7	77.5°
80°	153.8	161.3	162.9	158.3	153.8	153.8	156.8	162.9	176.5	203.6	239.8	80°
82.5°	123.6	131.2	132.7	134.2	132.7	137.2	137.2	138.8	146.3	167.4	196.1	82.5°
85°	95.0	101.0	105.6	107.0	108.6	110.1	108.6	101.0	105.6	119.2	132.7	85°
87.5°	42.2	43.7	40.7	42.2	40.7	42.2	43.7	36.2	34.7	46.7	48.3	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°
1581.9	1581.9	1581.9	1581.9	1581.9	1581.9	1581.9
1565.3	1565.3	1566.8	1563.8	1563.8	1565.3	1560.7
1541.1	1547.2	1547.2	1547.2	1544.1	1547.2	1548.7
1547.2	1551.7	1554.7	1554.7	1553.3	1559.3	1563.8
1554.7	1562.3	1565.3	1565.3	1565.3	1572.8	1583.4
1583.4	1589.4	1594.0	1594.0	1597.0	1606.0	1618.0
1636.2	1643.7	1643.7	1642.2	1651.3	1661.8	1675.3
1695.0	1716.1	1726.6	1725.2	1732.6	1746.2	1761.3
1750.8	1809.5	1835.2	1853.3	1860.8	1879.0	1883.5
1797.5	1895.5	1966.4	2026.7	2055.3	2073.5	2094.6
1780.9	1913.7	2040.3	2163.9	2251.4	2340.4	2378.1
1713.1	1879.0	2044.9	2225.8	2384.1	2542.5	2657.1
1630.2	1829.2	2052.3	2308.7	2559.1	2801.9	2994.8
1535.1	1782.5	2068.9	2385.6	2714.4	3032.5	3311.5
1416.0	1693.5	2028.3	2393.2	2780.7	3166.7	3528.7
1265.2	1572.8	1933.3	2338.9	2783.7	3225.6	3658.3
1114.4	1420.5	1812.6	2260.5	2744.6	3239.2	3739.8
1008.8	1284.8	1690.5	2160.9	2681.2	3218.0	3779.0
936.5	1186.7	1581.9	2070.5	2613.4	3180.3	3785.1
930.5	1144.6	1511.0	2004.1	2559.1	3147.2	3785.1
981.7	1167.2	1486.8	1971.0	2536.5	3136.6	3788.1
1078.2	1257.6	1530.6	1996.6	2554.5	3150.2	3801.7
1194.3	1394.9	1648.2	2085.6	2631.4	3195.4	3831.8
1299.9	1553.3	1848.8	2257.4	2771.7	3310.1	3916.3
1361.8	1688.9	2061.5	2498.8	3011.4	3537.7	4085.2
1369.2	1764.4	2249.9	2761.1	3302.5	3798.7	4355.0
1363.2	1770.4	2274.1	2810.9	3364.4	3863.4	4448.6
1330.1	1771.9	2341.9	2985.8	3578.4	4136.4	4709.4
1245.6	1723.6	2366.0	3123.0	3848.4	4495.3	5196.5
1099.3	1586.4	2295.1	3126.0	3952.4	4695.9	5504.1
883.7	1325.5	1989.0	2844.0	3678.0	4498.3	5424.2
646.9	974.2	1503.4	2203.2	3000.9	3744.4	4646.1
429.7	630.4	1013.4	1569.8	2151.9	2694.8	3344.8
295.5	390.6	592.6	944.0	1316.5	1580.4	2130.8
217.1	257.8	328.7	482.6	633.4	779.6	1112.8
135.8	147.8	164.4	238.2	340.8	459.9	693.7
36.2	37.7	34.7	46.7	73.9	70.9	78.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)