

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: P153336

Luminaire Tested: **VXS-F06-LED-E1-SLR-7050**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P153336
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-SLR-7050
Description: VISION SITE SMALL LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (42) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14141.7 lumens
Efficiency: N/A
Efficacy: 90.4 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



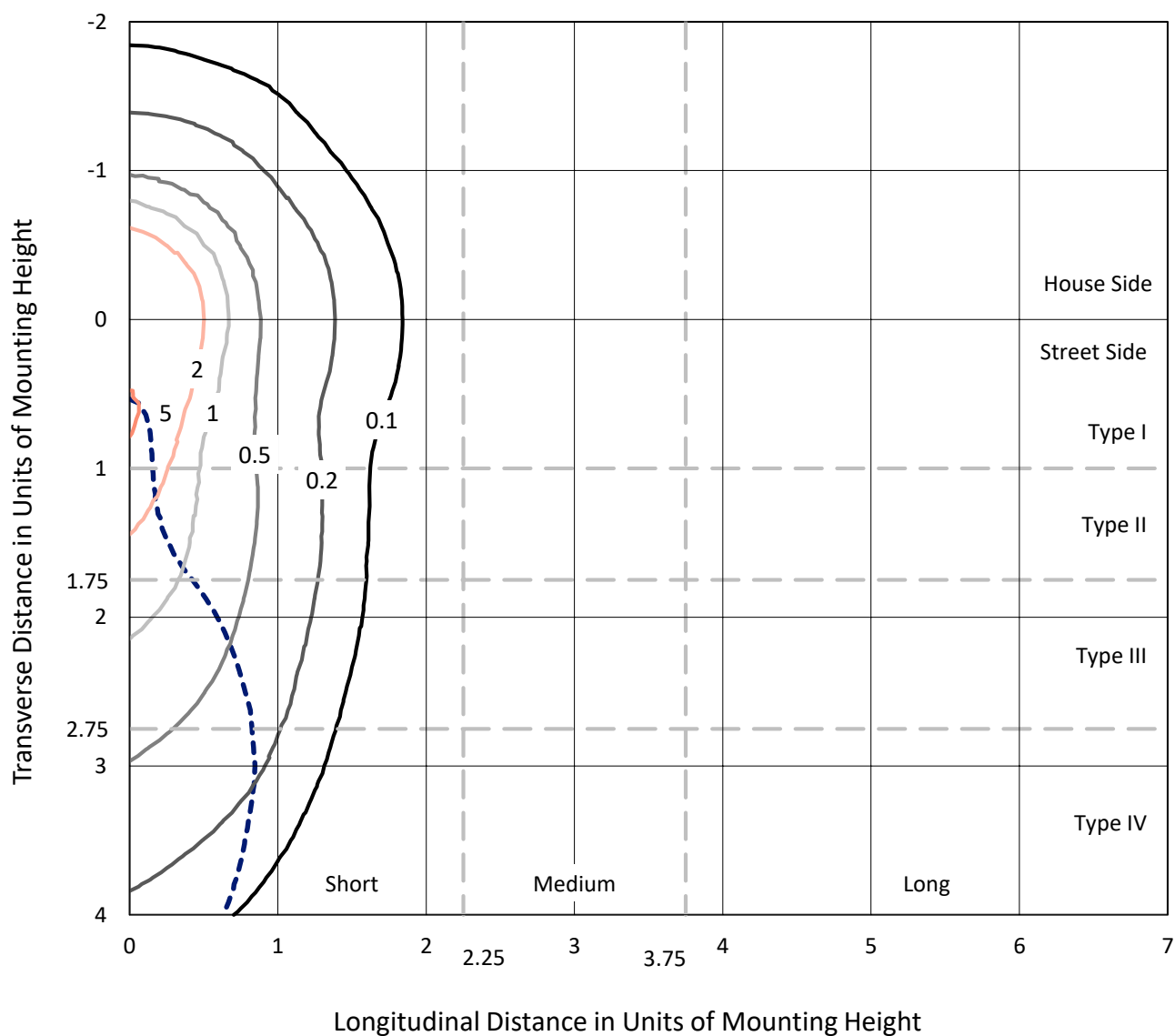
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

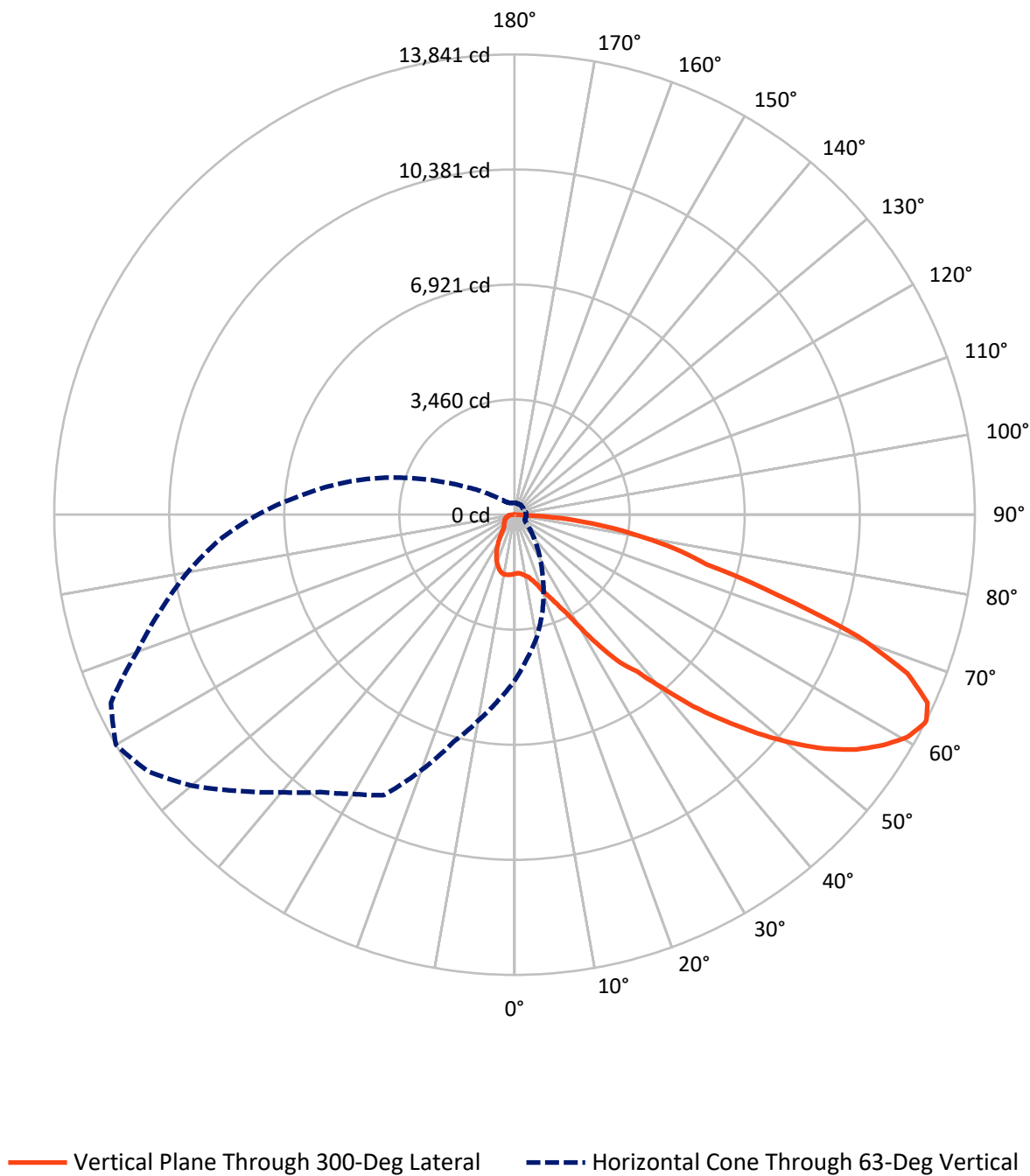


Based on 20 foot mounting height. Maximum calculated value = 5.6 fc
Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3066.6	0.0	3066.6
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	11075.1	0.0	11075.1
	% Fixture	78.3	0.0	78.3
Total	Lumens	14141.7	0.0	14141.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	173.0	1.2
10°-20°	538.8	3.8
20°-30°	957.2	6.8
30°-40°	1507.3	10.7
40°-50°	2218.3	15.7
50°-60°	2946.5	20.8
60°-70°	3245.6	23.0
70°-80°	2036.3	14.4
80°-90°	518.6	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°	14141.7	100.0
0°-180°	14141.7	100.0

Coefficient of Utilization



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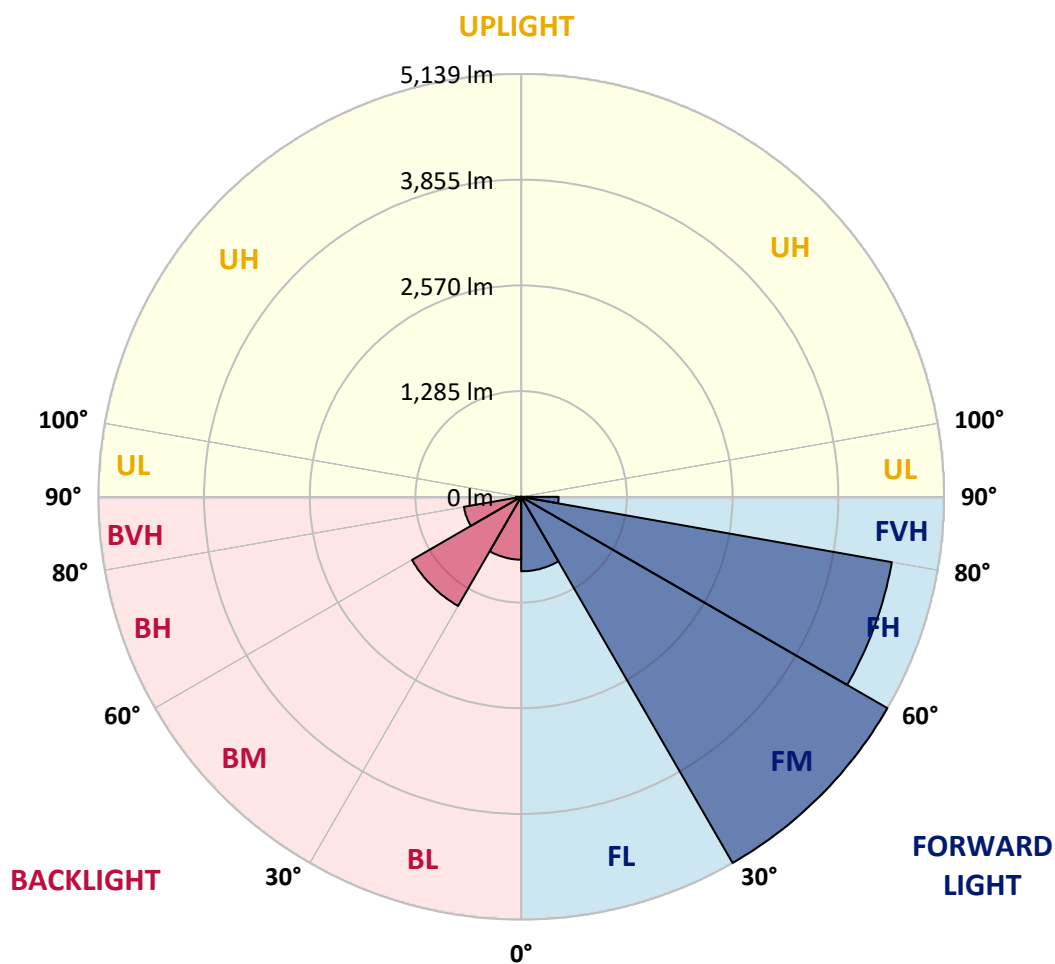
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	905.5	6.4			
FM	(30°-60°)	5139.4	36.3			
FH	(60°-80°)	4575.1	32.4			G2/5000
FVH	(80°-90°)	455.1	3.2			G3/500
BL	(0°-30°)	763.5	5.4	B2/1000		
BM	(30°-60°)	1532.7	10.8	B2/2500		
BH	(60°-80°)	706.9	5.0	B2/1000		G2/1000
BVH	(80°-90°)	63.5	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°	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2
2.5°	1753.5	1758.5	1756.8	1756.8	1760.2	1758.5	1758.5	1760.2	1760.2	1765.3	1772.1
5°	1739.9	1738.2	1734.8	1738.2	1738.2	1738.2	1731.4	1736.5	1738.2	1741.6	1741.6
7.5°	1756.8	1751.7	1745.0	1746.6	1746.6	1743.3	1738.2	1739.9	1738.2	1738.2	1736.5
10°	1778.9	1767.0	1758.5	1758.5	1758.5	1755.1	1746.6	1751.7	1751.7	1750.1	1751.7
12.5°	1817.8	1804.2	1794.1	1790.7	1790.7	1785.6	1778.9	1785.6	1782.3	1782.3	1778.9
15°	1882.2	1866.9	1855.1	1845.0	1846.6	1846.6	1838.1	1833.1	1826.3	1817.8	1800.9
17.5°	1978.8	1961.9	1946.5	1938.1	1939.8	1928.0	1904.2	1880.5	1848.3	1816.2	1780.5
20°	2116.0	2110.9	2090.6	2082.1	2061.8	2033.0	1966.9	1911.0	1848.3	1787.4	1726.3
22.5°	2353.2	2329.4	2309.1	2276.9	2209.2	2129.5	2019.4	1921.1	1822.9	1736.5	1655.2
25°	2671.7	2629.3	2529.3	2431.1	2292.2	2149.8	2000.8	1873.8	1751.7	1638.2	1538.2
27.5°	2985.1	2856.4	2678.4	2500.5	2297.3	2110.9	1924.6	1773.8	1631.5	1507.8	1397.7
30°	3364.6	3147.8	2875.0	2593.8	2305.7	2055.0	1831.4	1655.2	1490.9	1360.4	1245.2
32.5°	3720.3	3406.9	3049.4	2680.1	2324.4	2002.5	1724.7	1524.8	1355.3	1191.0	1077.5
35°	3964.4	3557.7	3124.0	2688.6	2278.7	1902.5	1590.8	1355.3	1185.9	1033.5	899.6
37.5°	4110.1	3623.8	3127.4	2627.7	2171.9	1767.0	1421.3	1187.6	1031.7	886.0	781.0
40°	4201.5	3639.1	3083.3	2539.5	2036.4	1595.9	1252.0	1041.9	899.6	782.7	701.3
42.5°	4245.5	3615.3	3012.2	2427.7	1899.2	1443.4	1133.4	935.1	811.5	728.5	667.5
45°	4252.3	3573.0	2936.0	2326.1	1777.2	1333.3	1052.0	891.1	789.4	720.0	659.1
47.5°	4252.3	3535.6	2875.0	2251.5	1697.5	1285.9	1045.3	909.7	809.8	731.9	659.1
50°	4255.8	3523.8	2849.5	2214.3	1670.5	1311.3	1102.9	967.4	853.9	752.2	657.3
52.5°	4271.0	3539.1	2869.8	2243.0	1719.6	1413.0	1211.3	1053.8	911.5	776.0	657.3
55°	4304.9	3589.9	2956.3	2343.0	1851.7	1567.0	1341.8	1146.9	957.2	786.1	647.2
57.5°	4399.7	3718.7	3113.9	2536.2	2077.0	1745.0	1460.3	1213.1	974.1	777.6	626.8
60°	4589.4	3974.5	3383.2	2807.3	2315.9	1897.4	1529.8	1223.2	958.9	750.5	594.6
62.5°	4892.7	4267.6	3710.2	3102.0	2527.7	1982.2	1538.2	1197.7	918.2	701.3	547.3
63°	4997.7	4340.4	3779.7	3157.9	2554.8	1988.9	1531.5	1187.6	908.1	687.9	540.4
65°	5290.9	4647.0	4020.2	3354.4	2631.0	1990.7	1494.2	1136.8	860.6	635.3	493.0
67.5°	5838.0	5050.3	4323.5	3508.6	2658.1	1936.4	1399.4	1041.9	760.7	554.0	433.7
70°	6183.6	5275.5	4440.4	3512.0	2578.5	1782.3	1235.0	887.8	633.6	459.1	372.7
72.5°	6093.9	5053.7	4132.0	3195.1	2234.6	1489.1	992.7	698.0	494.7	367.7	310.1
75°	5219.7	4206.5	3371.4	2475.1	1689.1	1094.4	726.8	498.0	365.9	288.0	259.2
77.5°	3757.6	3027.5	2417.5	1763.6	1138.4	708.2	482.8	355.8	277.8	237.2	213.5
80°	2393.9	1775.4	1479.0	1060.5	665.8	438.8	332.0	269.3	228.7	198.2	183.0
82.5°	1250.3	875.9	711.5	542.2	369.3	289.7	243.9	220.2	188.1	164.4	155.9
85°	779.3	516.7	382.9	267.7	184.7	166.0	152.4	149.1	133.9	118.5	113.5
87.5°	88.1	79.6	83.0	52.5	39.0	42.4	40.6	54.2	52.5	39.0	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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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2
2.5°	1765.3	1768.7	1768.7	1773.8	1773.8	1777.2	1780.5	1780.5	1783.9	1785.6	1789.0
5°	1745.0	1745.0	1745.0	1751.7	1753.5	1763.6	1767.0	1770.4	1773.8	1785.6	1792.4
7.5°	1739.9	1733.2	1736.5	1736.5	1741.6	1750.1	1758.5	1763.6	1768.7	1783.9	1794.1
10°	1750.1	1745.0	1739.9	1739.9	1741.6	1745.0	1751.7	1756.8	1760.2	1775.4	1783.9
12.5°	1777.2	1765.3	1755.1	1746.6	1739.9	1738.2	1734.8	1736.5	1739.9	1748.4	1760.2
15°	1782.3	1760.2	1738.2	1716.2	1699.3	1689.1	1680.6	1677.2	1677.2	1682.3	1695.9
17.5°	1748.4	1711.1	1678.9	1650.1	1631.5	1612.8	1604.4	1597.6	1594.2	1600.9	1602.7
20°	1675.5	1631.5	1587.5	1553.6	1519.7	1514.6	1501.0	1504.5	1507.8	1517.9	1523.0
22.5°	1575.5	1523.0	1468.8	1433.3	1406.1	1382.4	1367.2	1374.0	1379.1	1389.2	1394.3
25°	1453.6	1377.3	1319.8	1284.1	1255.3	1235.0	1218.1	1224.9	1218.1	1229.9	1248.6
27.5°	1309.5	1219.8	1158.8	1118.1	1097.8	1080.8	1063.9	1063.9	1080.8	1080.8	1096.2
30°	1135.1	1069.0	989.4	947.0	921.7	911.5	909.7	906.3	918.2	925.0	942.0
32.5°	970.8	889.4	813.2	772.5	750.5	738.7	740.3	742.1	747.2	757.3	784.4
35°	804.8	733.6	679.4	633.6	611.6	589.5	589.5	586.2	591.3	603.1	635.3
37.5°	698.0	635.3	593.0	557.4	535.3	521.8	509.9	504.9	504.9	509.9	521.8
40°	638.7	593.0	554.0	523.5	503.2	491.3	484.6	479.5	476.1	476.1	477.7
42.5°	611.6	564.1	525.2	498.0	482.8	476.1	474.4	472.6	467.6	465.9	464.2
45°	598.0	543.8	499.8	477.7	465.9	462.5	464.2	464.2	462.5	459.1	452.3
47.5°	587.9	525.2	481.1	460.8	455.8	455.8	455.8	455.8	454.0	452.3	447.3
50°	570.9	496.4	448.9	433.7	430.4	430.4	432.0	432.0	435.4	432.0	428.6
52.5°	552.3	469.3	421.9	408.3	406.6	404.9	404.9	404.9	406.6	406.6	404.9
55°	531.9	448.9	408.3	398.1	399.8	398.1	396.5	394.7	394.7	393.1	389.6
57.5°	511.6	432.0	398.1	391.4	393.1	393.1	389.6	386.2	384.6	379.5	376.1
60°	481.1	408.3	377.8	374.4	379.5	379.5	379.5	377.8	377.8	376.1	367.7
62.5°	440.5	374.4	350.7	352.4	354.1	357.5	357.5	357.5	357.5	354.1	345.6
63°	432.0	367.7	345.6	345.6	350.7	350.7	352.4	350.7	352.4	349.0	338.9
65°	398.1	345.6	328.7	330.4	333.8	333.8	333.8	332.0	332.0	326.9	321.9
67.5°	359.2	318.5	308.3	310.1	311.7	315.1	313.4	313.4	315.1	311.7	306.6
70°	315.1	289.7	282.9	284.7	286.3	286.3	284.7	284.7	286.3	282.9	277.8
72.5°	281.2	271.1	266.0	266.0	262.6	262.6	259.2	257.5	255.9	255.9	250.8
75°	237.2	235.4	237.2	240.5	237.2	233.8	232.1	227.0	223.6	223.6	222.0
77.5°	203.3	203.3	206.7	211.8	213.5	213.5	208.4	199.9	198.2	198.2	198.2
80°	176.2	172.8	172.8	177.9	183.0	181.2	172.8	164.4	164.4	172.8	174.5
82.5°	154.2	154.2	149.1	150.8	149.1	147.4	139.0	133.9	132.1	139.0	145.7
85°	122.0	123.6	122.0	120.3	118.5	113.5	106.7	101.7	100.0	106.7	116.9
87.5°	49.1	47.5	45.7	47.5	45.7	49.1	47.5	44.0	42.4	47.5	57.6
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2
2.5°	1790.7	1794.1	1797.5	1797.5	1800.9	1799.2	1800.9	1802.6	1802.6	1804.2	1804.2
5°	1800.9	1806.0	1812.7	1819.5	1821.2	1826.3	1831.4	1828.0	1833.1	1839.9	1839.9
7.5°	1804.2	1816.2	1821.2	1831.4	1833.1	1839.9	1851.7	1843.2	1853.4	1858.4	1860.2
10°	1799.2	1811.1	1819.5	1831.4	1836.5	1848.3	1860.2	1856.8	1868.6	1877.1	1878.9
12.5°	1768.7	1780.5	1799.2	1816.2	1829.6	1848.3	1870.4	1863.5	1880.5	1890.7	1895.8
15°	1709.4	1721.2	1741.6	1768.7	1794.1	1822.9	1851.7	1856.8	1873.8	1885.6	1890.7
17.5°	1616.3	1631.5	1653.5	1682.3	1714.5	1763.6	1800.9	1819.5	1843.2	1850.1	1858.4
20°	1529.8	1545.1	1558.7	1575.5	1599.3	1646.7	1695.9	1733.2	1763.6	1789.0	1795.8
22.5°	1414.6	1428.2	1445.1	1458.7	1475.6	1509.5	1550.2	1592.5	1639.9	1655.2	1672.1
25°	1275.6	1284.1	1307.9	1316.4	1328.2	1357.0	1389.2	1419.7	1465.5	1497.6	1506.1
27.5°	1126.6	1135.1	1157.1	1162.2	1177.4	1204.6	1228.3	1240.1	1282.5	1316.4	1343.4
30°	953.8	975.9	1002.9	1006.3	1023.3	1040.2	1062.3	1074.1	1113.1	1148.6	1182.5
32.5°	804.8	826.7	848.8	862.3	870.8	884.4	906.3	918.2	955.5	987.7	1021.6
35°	652.2	679.4	703.1	721.7	728.5	745.4	762.4	774.2	813.2	842.0	865.7
37.5°	537.0	557.4	582.8	601.5	620.1	631.9	652.2	669.2	693.0	708.2	733.6
40°	481.1	491.3	504.9	520.1	535.3	548.9	564.1	577.7	593.0	613.3	630.3
42.5°	462.5	464.2	464.2	469.3	477.7	484.6	498.0	508.3	518.4	533.7	542.2
45°	448.9	447.3	443.8	440.5	442.2	445.6	454.0	460.8	472.6	479.5	481.1
47.5°	442.2	435.4	428.6	423.5	421.9	423.5	430.4	437.1	443.8	448.9	450.7
50°	420.1	415.0	404.9	398.1	394.7	398.1	406.6	409.9	416.8	421.9	423.5
52.5°	398.1	391.4	384.6	377.8	377.8	379.5	386.2	393.1	399.8	401.6	404.9
55°	384.6	374.4	367.7	362.6	359.2	364.2	369.3	377.8	386.2	388.0	391.4
57.5°	371.0	360.8	354.1	349.0	345.6	350.7	355.8	367.7	377.8	377.8	377.8
60°	362.6	354.1	343.9	338.9	333.8	338.9	345.6	357.5	367.7	365.9	364.2
62.5°	338.9	330.4	325.3	325.3	320.2	328.7	335.4	349.0	350.7	347.3	343.9
63°	332.0	325.3	321.9	321.9	318.5	326.9	333.8	345.6	345.6	342.2	338.9
65°	315.1	310.1	306.6	310.1	310.1	318.5	320.2	328.7	326.9	321.9	320.2
67.5°	301.6	298.1	294.8	294.8	294.8	296.5	298.1	301.6	299.9	298.1	299.9
70°	279.6	277.8	274.4	274.4	272.7	272.7	272.7	274.4	274.4	276.2	277.8
72.5°	252.4	249.0	249.0	250.8	247.4	249.0	250.8	249.0	252.4	252.4	254.1
75°	222.0	220.2	223.6	227.0	225.3	225.3	227.0	227.0	228.7	228.7	230.4
77.5°	198.2	199.9	201.6	205.0	206.7	206.7	206.7	205.0	206.7	206.7	208.4
80°	176.2	179.6	183.0	186.3	188.1	188.1	188.1	186.3	186.3	186.3	186.3
82.5°	159.3	164.4	167.8	169.4	169.4	169.4	169.4	169.4	169.4	166.0	162.6
85°	133.9	144.0	144.0	145.7	140.6	137.2	133.9	135.5	137.2	130.5	128.7
87.5°	67.8	67.8	71.2	74.5	76.3	76.3	86.4	81.3	79.6	77.9	74.5
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):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2
2.5°	1806.0	1804.2	1807.7	1804.2	1806.0	1807.7	1804.2	1809.3	1812.7	1807.7	1802.6
5°	1843.2	1843.2	1851.7	1855.1	1856.8	1866.9	1861.9	1865.3	1868.6	1866.9	1868.6
7.5°	1866.9	1873.8	1882.2	1890.7	1892.3	1900.8	1899.2	1904.2	1907.6	1916.1	1916.1
10°	1887.3	1895.8	1907.6	1916.1	1924.6	1931.3	1934.7	1944.9	1946.5	1953.4	1953.4
12.5°	1905.9	1916.1	1928.0	1941.5	1949.9	1963.5	1965.2	1980.4	1985.6	1987.3	1982.2
15°	1902.5	1914.4	1928.0	1943.2	1958.4	1975.3	1985.6	2000.8	2009.2	2012.6	2004.1
17.5°	1870.4	1880.5	1897.4	1917.8	1936.4	1958.4	1977.1	1999.1	2012.6	2016.1	2014.3
20°	1807.7	1814.4	1836.5	1863.5	1885.6	1919.5	1946.5	1980.4	2002.5	2019.4	2024.6
22.5°	1683.9	1700.9	1722.9	1753.5	1785.6	1828.0	1866.9	1916.1	1963.5	2004.1	2044.9
25°	1534.9	1565.4	1599.3	1639.9	1678.9	1722.9	1767.0	1822.9	1892.3	1977.1	2073.7
27.5°	1384.1	1436.7	1479.0	1531.5	1577.3	1621.3	1670.5	1731.4	1807.7	1909.3	2033.0
30°	1231.6	1291.0	1336.7	1397.7	1458.7	1517.9	1567.0	1631.5	1706.0	1809.3	1944.9
32.5°	1069.0	1128.3	1182.5	1238.4	1306.2	1377.3	1436.7	1516.3	1595.9	1702.6	1839.9
35°	901.2	953.8	999.6	1058.9	1133.4	1209.6	1287.6	1379.1	1465.5	1577.3	1722.9
37.5°	755.5	792.8	836.9	889.4	947.0	1028.4	1116.5	1224.9	1323.1	1445.1	1594.2
40°	635.3	655.6	681.0	725.1	777.6	857.2	943.6	1058.9	1177.4	1311.3	1455.2
42.5°	542.2	552.3	559.1	587.9	630.3	708.2	791.2	903.0	1033.5	1179.2	1324.9
45°	481.1	486.2	487.9	503.2	533.7	601.5	687.9	782.7	908.1	1050.4	1202.8
47.5°	452.3	457.4	460.8	464.2	482.8	535.3	613.3	703.1	818.2	948.7	1104.6
50°	428.6	433.7	438.8	437.1	445.6	479.5	545.5	628.5	737.0	857.2	1011.4
52.5°	404.9	408.3	408.3	408.3	413.4	435.4	482.8	559.1	659.1	772.5	925.0
55°	391.4	394.7	396.5	398.1	399.8	411.7	447.3	508.3	594.6	699.7	836.9
57.5°	377.8	379.5	382.9	384.6	388.0	394.7	416.8	460.8	533.7	621.8	737.0
60°	365.9	369.3	376.1	377.8	381.1	382.9	393.1	420.1	467.6	535.3	628.5
62.5°	347.3	352.4	359.2	360.8	364.2	365.9	367.7	382.9	404.9	445.6	515.0
63°	342.2	347.3	355.8	357.5	359.2	359.2	360.8	371.0	391.4	426.9	477.7
65°	323.6	330.4	335.4	337.1	338.9	338.9	337.1	340.5	342.2	357.5	388.0
67.5°	303.2	308.3	311.7	313.4	311.7	313.4	311.7	308.3	305.0	308.3	321.9
70°	282.9	286.3	286.3	288.0	289.7	291.4	288.0	284.7	281.2	279.6	288.0
72.5°	259.2	262.6	262.6	264.2	264.2	267.7	267.7	266.0	266.0	267.7	269.3
75°	235.4	238.9	237.2	240.5	240.5	245.7	245.7	247.4	250.8	249.0	247.4
77.5°	213.5	215.1	215.1	216.9	218.5	227.0	232.1	233.8	233.8	230.4	227.0
80°	189.7	189.7	186.3	184.7	186.3	194.8	205.0	206.7	211.8	210.1	211.8
82.5°	159.3	152.4	147.4	147.4	150.8	155.9	159.3	162.6	166.0	166.0	169.4
85°	122.0	115.2	110.2	111.8	116.9	118.5	116.9	116.9	123.6	128.7	123.6
87.5°	72.8	66.1	62.7	57.6	59.3	64.4	62.7	57.6	59.3	47.5	44.0
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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CATALOG NUMBER: VXS-F06-LED-E1-SLR-7050

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2
2.5°	1806.0	1804.2	1800.9	1795.8	1794.1	1790.7	1792.4	1787.4	1783.9	1780.5	1775.4
5°	1868.6	1868.6	1858.4	1858.4	1853.4	1851.7	1839.9	1834.7	1824.6	1828.0	1816.2
7.5°	1912.7	1917.8	1905.9	1904.2	1897.4	1895.8	1880.5	1875.4	1866.9	1863.5	1853.4
10°	1944.9	1944.9	1929.6	1917.8	1909.3	1900.8	1885.6	1878.9	1872.0	1873.8	1866.9
12.5°	1970.3	1958.4	1936.4	1919.5	1907.6	1899.2	1887.3	1882.2	1880.5	1892.3	1894.1
15°	1990.7	1973.7	1946.5	1934.7	1924.6	1922.9	1922.9	1928.0	1939.8	1961.9	1978.8
17.5°	2002.5	1992.3	1978.8	1975.3	1992.3	2002.5	2016.1	2031.3	2048.2	2078.8	2097.4
20°	2024.6	2031.3	2041.5	2055.0	2082.1	2107.6	2124.5	2146.5	2166.8	2204.0	2234.6
22.5°	2082.1	2121.0	2153.3	2180.4	2221.0	2256.6	2278.7	2309.1	2324.4	2349.7	2397.2
25°	2156.7	2236.3	2304.0	2361.7	2424.4	2461.6	2492.1	2531.1	2554.8	2597.1	2639.5
27.5°	2134.6	2248.2	2349.7	2456.5	2542.9	2639.5	2707.3	2771.6	2812.3	2875.0	2930.9
30°	2066.8	2202.4	2339.6	2480.2	2617.5	2756.4	2885.2	3002.1	3091.8	3181.7	3273.1
32.5°	1975.3	2131.2	2299.0	2471.8	2651.3	2844.5	3022.4	3198.5	3347.7	3478.1	3605.2
35°	1870.4	2046.5	2221.0	2434.5	2656.5	2902.1	3149.4	3393.4	3620.4	3850.8	4006.6
37.5°	1745.0	1924.6	2119.4	2365.1	2625.9	2929.2	3244.2	3562.8	3884.7	4194.7	4464.0
40°	1611.1	1794.1	1999.1	2265.1	2559.9	2912.2	3305.3	3733.9	4176.1	4625.1	4982.5
42.5°	1492.5	1680.6	1904.2	2173.6	2493.8	2890.3	3354.4	3881.3	4421.8	4977.4	5502.6
45°	1377.3	1584.0	1819.5	2109.2	2465.0	2907.2	3427.3	4018.5	4642.0	5316.3	5956.7
47.5°	1274.0	1484.0	1712.7	2029.6	2422.6	2915.6	3498.4	4155.8	4850.4	5580.5	6341.2
50°	1180.8	1384.1	1609.4	1928.0	2356.6	2910.6	3562.8	4279.4	5029.9	5788.9	6637.7
52.5°	1089.3	1296.1	1526.4	1829.6	2275.2	2881.8	3593.3	4381.0	5196.0	5999.0	6876.6
55°	999.6	1202.8	1434.9	1736.5	2168.5	2807.3	3589.9	4447.2	5328.1	6197.2	7106.9
57.5°	894.5	1087.7	1314.6	1633.2	2055.0	2692.0	3539.1	4477.6	5441.7	6393.7	7383.1
60°	764.0	945.3	1163.8	1482.4	1905.9	2544.7	3432.3	4460.7	5507.7	6539.4	7618.5
62.5°	603.1	760.7	960.6	1272.3	1719.6	2332.8	3232.4	4306.5	5402.7	6519.1	7728.7
63°	569.2	718.3	913.2	1221.5	1639.9	2275.2	3173.2	4245.5	5351.8	6476.8	7713.5
65°	457.4	554.0	709.8	986.0	1372.2	1992.3	2878.3	3932.1	5079.1	6178.5	7493.3
67.5°	350.7	399.8	482.8	676.0	970.8	1567.0	2331.2	3332.4	4408.2	5441.7	6783.4
70°	299.9	321.9	357.5	448.9	616.7	989.4	1636.6	2485.3	3417.1	4313.3	5519.6
72.5°	272.7	282.9	301.6	340.5	423.5	593.0	1043.6	1617.9	2324.4	3074.9	4006.6
75°	250.8	259.2	274.4	294.8	325.3	394.7	594.6	989.4	1511.2	2019.4	2703.8
77.5°	228.7	233.8	250.8	269.3	289.7	325.3	393.1	569.2	869.1	1191.0	1629.7
80°	210.1	206.7	218.5	249.0	269.3	289.7	310.1	369.3	494.7	652.2	880.9
82.5°	167.8	171.1	181.2	211.8	220.2	215.1	218.5	228.7	276.2	301.6	450.7
85°	113.5	105.1	103.3	106.7	106.7	101.7	101.7	100.0	110.2	125.4	215.1
87.5°	30.5	15.2	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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REPORT N
CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	0°
2.5°	1772.1	1770.4	1772.1	1763.6	1763.6	1762.0	1760.2	1756.8	1756.8	1750.1	1755.1	2.5°
5°	1806.0	1802.6	1795.8	1785.6	1780.5	1773.8	1773.8	1767.0	1762.0	1755.1	1756.8	5°
7.5°	1845.0	1846.6	1834.7	1826.3	1822.9	1816.2	1817.8	1807.7	1809.3	1804.2	1800.9	7.5°
10°	1866.9	1866.9	1870.4	1868.6	1872.0	1872.0	1877.1	1870.4	1866.9	1861.9	1861.9	10°
12.5°	1902.5	1909.3	1922.9	1922.9	1933.1	1936.4	1938.1	1941.5	1934.7	1931.3	1919.5	12.5°
15°	1990.7	2007.6	2019.4	2036.4	2056.7	2063.5	2063.5	2056.7	2053.3	2048.2	2026.2	15°
17.5°	2136.4	2173.6	2183.7	2210.9	2214.3	2222.7	2246.4	2232.8	2224.5	2188.8	2182.1	17.5°
20°	2285.4	2332.8	2380.3	2414.2	2431.1	2465.0	2470.1	2463.3	2429.4	2395.5	2380.3	20°
22.5°	2465.0	2536.2	2590.4	2642.9	2668.3	2685.2	2722.5	2714.0	2686.9	2636.1	2615.8	22.5°
25°	2719.1	2807.3	2864.8	2929.2	2963.1	2980.0	3017.3	3017.3	2988.5	2973.3	2971.5	25°
27.5°	3039.3	3147.8	3242.6	3264.7	3352.7	3373.1	3408.6	3408.6	3381.6	3362.9	3452.6	27.5°
30°	3395.1	3508.6	3673.0	3783.0	3889.7	3994.8	3993.2	3999.9	4032.1	4049.0	4088.0	30°
32.5°	3750.9	3891.5	4066.0	4304.9	4533.6	4728.4	4980.8	5141.8	5092.6	4955.4	4901.1	32.5°
35°	4182.9	4338.8	4550.5	4791.1	5209.5	5462.0	5583.9	5670.4	5680.5	5699.2	5738.1	35°
37.5°	4664.0	4924.9	5170.6	5443.3	5675.4	5982.1	6265.0	6492.0	6544.5	6651.2	6590.3	37.5°
40°	5272.2	5563.6	5821.1	6173.5	6485.2	6854.5	7259.5	7571.2	7696.6	7655.9	7350.9	40°
42.5°	5909.2	6270.1	6571.6	6986.6	7391.6	7879.5	8297.9	8733.4	8811.3	8497.8	8042.2	42.5°
45°	6495.3	6942.6	7317.0	7749.0	8243.7	8828.2	9387.3	9834.5	9819.3	9282.3	8672.3	45°
47.5°	7022.3	7571.2	8028.6	8591.1	9123.0	9819.3	10461.3	10791.7	10596.9	9961.7	9214.5	47.5°
50°	7457.6	8142.1	8706.2	9275.4	9951.4	10790.1	11408.4	11594.8	11218.7	10527.5	9741.3	50°
52.5°	7808.4	8667.3	9300.9	9956.5	10810.4	11693.1	12225.0	12155.5	11669.3	10959.5	10176.8	52.5°
55°	8104.9	9068.8	9824.4	10598.7	11657.4	12470.7	12824.8	12638.3	11959.0	11239.0	10474.9	55°
57.5°	8411.5	9458.4	10305.5	11203.4	12382.6	13080.5	13277.1	12894.2	12096.3	11345.7	10603.7	57.5°
60°	8718.1	9783.7	10730.8	11732.0	12931.5	13578.7	13524.5	12951.8	12055.5	11267.8	10517.3	60°
62.5°	8924.8	9976.9	10978.1	12057.3	13343.1	13832.7	13500.7	12746.8	11820.1	10961.1	10259.8	62.5°
63°	8929.8	9983.6	10993.4	12079.3	13388.9	13841.2	13454.9	12674.0	11745.6	10898.4	10183.5	63°
65°	8823.1	9856.6	10857.8	11979.4	13349.9	13646.4	13060.2	12243.6	11320.3	10464.8	9787.2	65°
67.5°	8277.6	9331.4	10215.8	11272.8	12651.9	12736.6	12003.1	11344.0	10513.9	9627.9	8919.7	67.5°
70°	7178.1	8054.0	8921.5	9804.0	10961.1	10945.9	10256.4	9920.9	9194.2	8184.5	7616.9	70°
72.5°	5709.3	6495.3	7105.3	7696.6	8458.9	8304.8	7860.8	7954.0	7483.1	6729.1	6392.0	72.5°
75°	4238.8	5102.8	5400.9	5641.6	5963.4	5965.1	6087.0	6351.4	6344.6	5926.1	5500.9	75°
77.5°	2780.1	3725.4	3825.4	4018.5	4404.8	4929.9	5472.1	6054.9	6200.6	5870.3	5241.7	77.5°
80°	1550.2	2532.7	2417.5	2583.6	3000.3	3713.6	4513.3	5157.0	5536.5	5351.8	4686.0	80°
82.5°	792.8	1460.3	1396.0	1626.4	1963.5	2583.6	3112.1	3606.8	4054.1	4028.7	3776.3	82.5°
85°	411.7	799.7	909.7	1030.1	1199.5	1421.3	1621.3	1765.3	1951.7	2280.3	2392.1	85°
87.5°	0.0	0.0	0.0	0.0	0.0	1.7	0.0	122.0	88.1	242.3	345.6	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°

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DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2
1756.8	1758.5	1755.1	1755.1	1756.8	1756.8	1753.5
1753.5	1753.5	1750.1	1746.6	1743.3	1743.3	1739.9
1792.4	1792.4	1780.5	1775.4	1767.0	1760.2	1756.8
1850.1	1839.9	1826.3	1816.2	1802.6	1787.4	1778.9
1907.6	1892.3	1875.4	1860.2	1843.2	1826.3	1817.8
2002.5	1982.2	1960.1	1941.5	1917.8	1892.3	1882.2
2148.2	2116.0	2087.2	2060.1	2017.7	1999.1	1978.8
2341.3	2293.9	2256.6	2210.9	2158.3	2141.5	2116.0
2575.1	2534.4	2459.9	2426.0	2373.5	2348.1	2353.2
2930.9	2878.3	2791.9	2759.8	2754.7	2698.8	2671.7
3395.1	3398.4	3318.9	3232.4	3185.0	3096.9	2985.1
4055.8	4010.1	3916.9	3828.8	3717.0	3551.0	3364.6
4855.4	4753.8	4599.6	4435.3	4237.1	3981.2	3720.3
5636.5	5458.5	5213.0	4938.4	4652.1	4333.7	3964.4
6322.6	6046.4	5678.8	5363.7	4958.8	4560.6	4110.1
6949.4	6607.2	6132.8	5724.6	5246.7	4735.1	4201.5
7556.0	7122.2	6541.1	5988.8	5448.4	4852.0	4245.5
8133.6	7574.5	6885.1	6227.7	5595.8	4928.3	4252.3
8577.5	7967.6	7193.4	6400.5	5697.4	4985.9	4252.3
8989.1	8299.7	7428.8	6536.1	5792.3	5024.9	4255.8
9309.3	8533.5	7581.3	6632.6	5866.8	5053.7	4271.0
9541.5	8685.9	7683.0	6691.9	5921.0	5094.3	4304.9
9704.1	8785.9	7738.9	6744.5	5987.2	5165.5	4399.7
9782.1	8970.6	7832.0	6849.4	6100.6	5316.3	4589.4
9722.7	9256.9	8098.0	7027.4	6258.2	5551.7	4892.7
9697.3	9309.3	8170.9	7066.3	6293.8	5602.6	4997.7
9499.1	9361.9	8470.8	7262.8	6463.2	5827.9	5290.9
8884.1	9155.2	8723.2	7594.9	6827.5	6375.1	5838.0
8087.9	8848.6	8677.4	7637.2	7059.5	6824.0	6183.6
7134.1	7921.9	7762.6	7073.1	6803.7	6829.1	6093.9
5614.4	6205.7	6100.6	5858.3	5912.5	6099.0	5219.7
4497.9	4418.3	4176.1	4193.1	4506.4	4725.0	3757.6
3674.6	2974.9	2659.8	2668.3	3215.5	3442.5	2393.9
3496.7	2814.0	2292.2	2002.5	2339.6	2253.3	1250.3
2490.4	2495.4	2070.3	1682.3	1629.7	1385.8	779.3
589.5	472.6	337.1	250.8	264.2	174.5	88.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)