

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: P152758

Luminaire Tested: **VXS-E06-LED-E1-SLL-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P152758
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-E06-LED-E1-SLL-8030
Description: VISION SITE SMALL LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (126) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14090.2 lumens
Efficiency: N/A
Efficacy: 93.6 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): 150.5
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



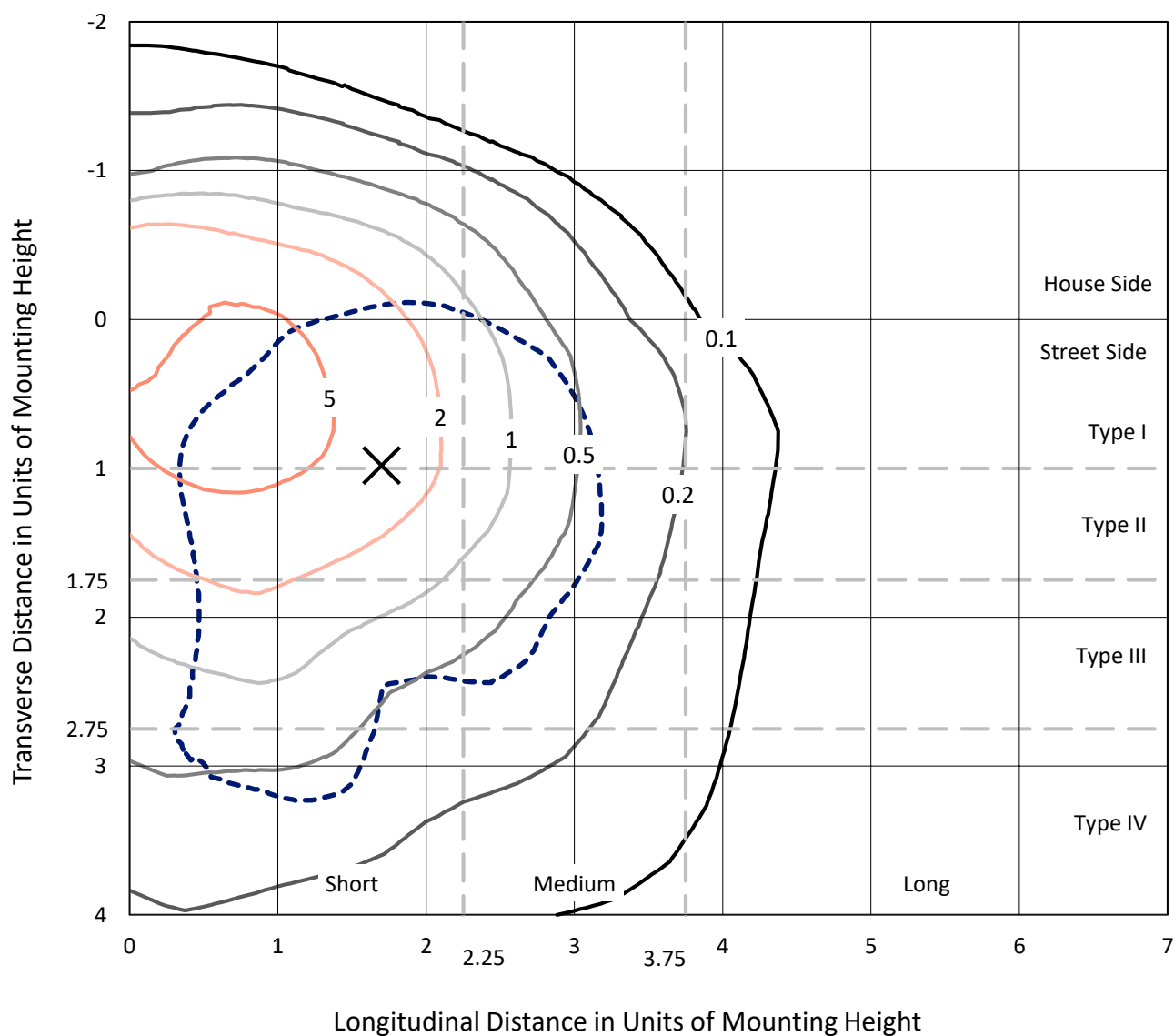
REPORT NUMBER: P152758

CATALOG NUMBER: VXS-E06-LED-E1-SLL-8030

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

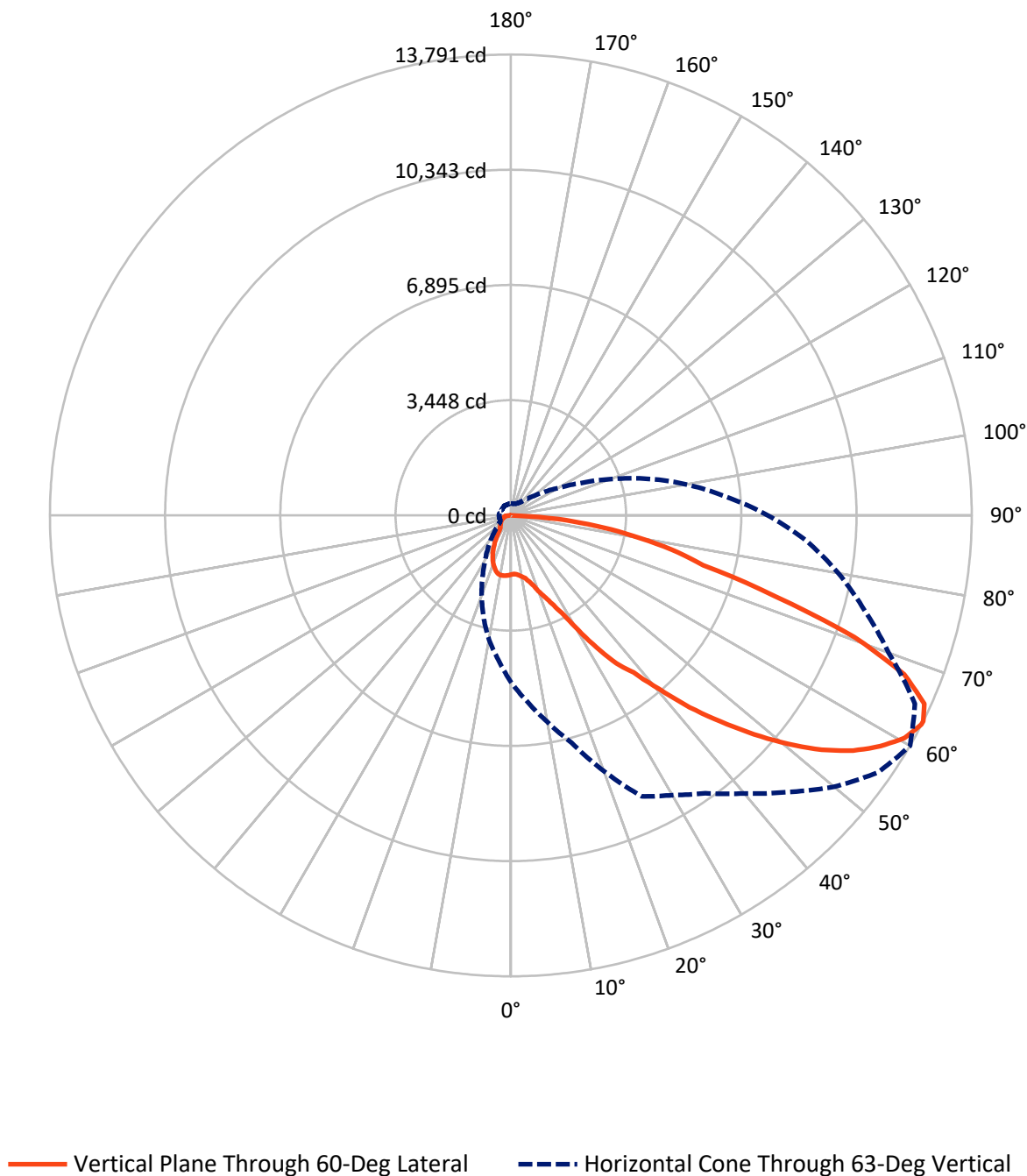


Based on 20 foot mounting height. Maximum calculated value = 8.8 fc
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P152758

CATALOG NUMBER: VXS-E06-LED-E1-SLL-8030

Luminous Intensity Polar Plot



REPORT NUMBER: P152758

CATALOG NUMBER: VXS-E06-LED-E1-SLL-8030

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3055.4	0.0	3055.4
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	11034.8	0.0	11034.8
	% Fixture	78.3	0.0	78.3
Total	Lumens	14090.2	0.0	14090.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	172.4	1.2
10°-20°	536.8	3.8
20°-30°	953.7	6.8
30°-40°	1501.8	10.7
40°-50°	2210.2	15.7
50°-60°	2935.8	20.8
60°-70°	3233.8	23.0
70°-80°	2028.9	14.4
80°-90°	516.7	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°	14090.2	100.0
0°-180°	14090.2	100.0

Coefficient of Utilization



REPORT NUMBER: P152758

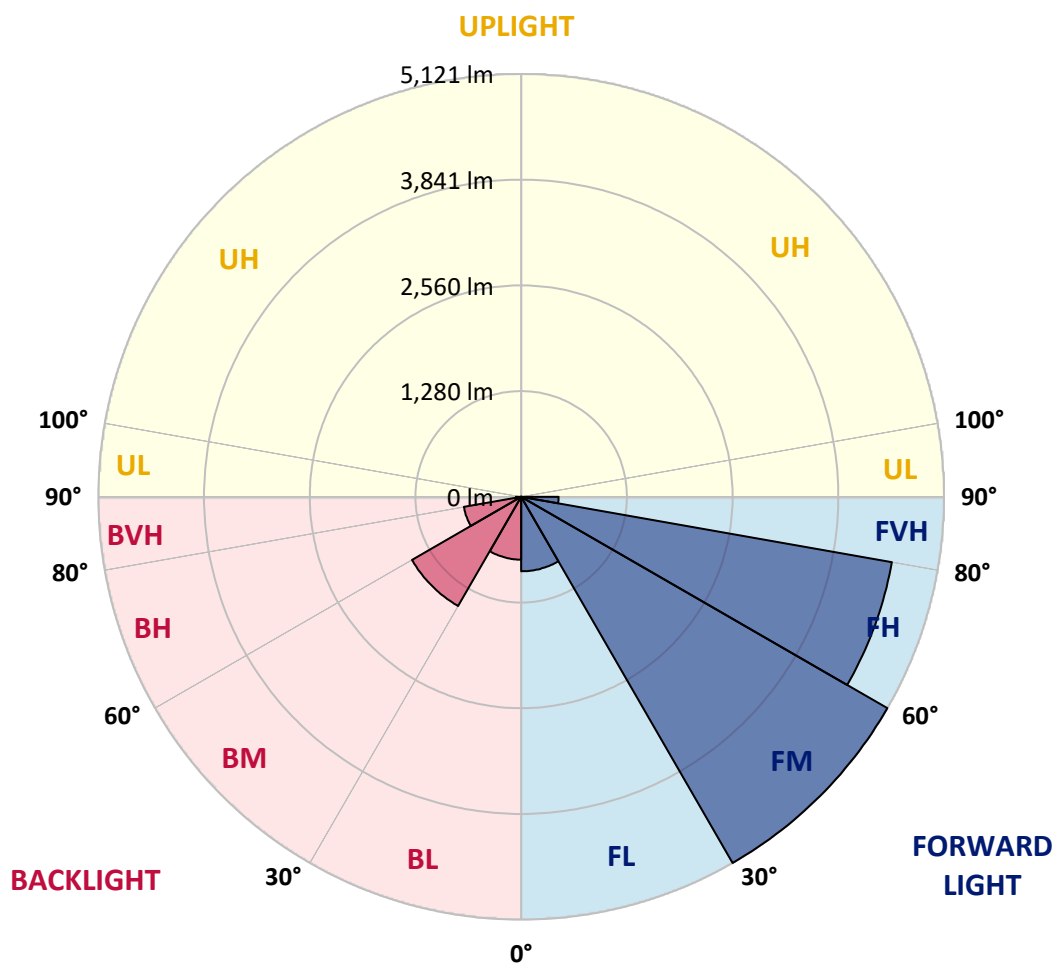
CATALOG NUMBER: VXS-E06-LED-E1-SLL-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	902.2	6.4			
FM	(30°-60°)	5120.7	36.3			
FH	(60°-80°)	4558.4	32.4			G2/5000
FVH	(80°-90°)	453.5	3.2			G3/500
BL	(0°-30°)	760.7	5.4	B2/1000		
BM	(30°-60°)	1527.2	10.8	B2/2500		
BH	(60°-80°)	704.3	5.0	B2/1000		G2/1000
BVH	(80°-90°)	63.3	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



REPORT NUMBER: P152758

CATALOG NUMBER: VXS-E06-LED-E1-SLL-8030

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7
2.5°	1747.0	1750.5	1750.5	1748.7	1748.7	1752.1	1750.5	1748.7	1743.7	1750.5	1750.5
5°	1733.6	1736.9	1736.9	1740.3	1743.7	1747.0	1747.0	1750.5	1748.7	1755.5	1760.5
7.5°	1750.5	1753.8	1760.5	1769.0	1774.1	1785.9	1785.9	1794.3	1797.7	1802.8	1801.0
10°	1772.3	1780.8	1796.1	1809.5	1819.7	1833.2	1843.3	1855.1	1855.1	1860.2	1863.5
12.5°	1811.2	1819.7	1836.5	1853.4	1868.6	1885.5	1900.6	1912.4	1924.2	1927.7	1934.4
15°	1875.3	1885.5	1910.8	1934.4	1953.0	1974.9	1995.2	2018.9	2040.7	2045.8	2049.2
17.5°	1971.6	1991.8	2010.4	2052.5	2079.6	2108.3	2140.3	2174.1	2180.8	2216.3	2224.8
20°	2108.3	2133.6	2150.5	2202.8	2248.4	2285.5	2332.7	2371.6	2386.8	2420.5	2454.3
22.5°	2344.6	2339.6	2364.9	2417.2	2451.0	2525.2	2565.7	2606.2	2626.5	2677.1	2704.1
25°	2662.0	2688.9	2744.7	2749.7	2781.8	2867.9	2920.2	2960.7	2962.4	2977.6	3006.3
27.5°	2974.2	3085.6	3173.4	3220.6	3306.7	3386.1	3382.7	3440.1	3350.7	3369.2	3396.3
30°	3352.3	3538.0	3703.4	3814.8	3902.6	3995.4	4041.0	4073.1	4034.3	4017.4	3985.3
32.5°	3706.8	3966.7	4221.7	4419.2	4582.9	4736.5	4837.7	4883.3	4937.3	5074.1	5123.0
35°	3949.8	4317.8	4635.2	4920.5	5193.9	5438.7	5616.0	5717.2	5678.3	5659.8	5649.6
37.5°	4095.0	4544.0	4940.7	5344.1	5658.1	6024.5	6299.6	6566.2	6627.0	6520.7	6468.4
40°	4186.2	4717.9	5227.7	5703.7	6110.5	6583.1	6924.1	7324.1	7628.0	7668.5	7543.6
42.5°	4230.1	4834.4	5428.6	5967.0	6517.3	7096.3	7528.4	8012.8	8466.9	8779.2	8701.6
45°	4236.8	4910.4	5575.4	6205.0	6860.0	7546.9	8104.0	8640.8	9248.5	9783.5	9798.8
47.5°	4236.8	4967.8	5676.7	6377.2	7167.2	7938.5	8546.2	9180.9	9925.3	10558.3	10752.4
50°	4240.2	5006.5	5771.2	6512.2	7401.8	8269.4	8956.5	9705.9	10489.1	11177.8	11552.5
52.5°	4255.4	5035.2	5845.5	6608.5	7553.7	8502.4	9275.4	10139.7	10919.6	11626.8	12111.3
55°	4289.1	5075.8	5899.5	6667.6	7655.0	8654.3	9506.7	10436.8	11198.0	11915.4	12592.3
57.5°	4383.7	5146.6	5965.3	6719.9	7710.7	8753.9	9668.8	10565.1	11304.5	12052.2	12847.3
60°	4572.7	5296.9	6078.4	6824.6	7803.5	8937.8	9746.4	10479.0	11226.7	12011.7	12904.7
62.5°	4874.9	5531.5	6235.4	7001.8	8068.6	9223.1	9687.4	10222.4	10921.2	11777.1	12700.4
63°	4979.6	5582.2	6270.9	7040.6	8141.1	9275.4	9662.0	10146.4	10858.8	11702.8	12627.8
65°	5271.6	5806.6	6439.7	7236.4	8439.9	9327.8	9464.6	9751.5	10426.6	11279.1	12199.1
67.5°	5816.8	6351.9	6802.6	7567.3	8691.4	9121.9	8851.8	8887.3	9592.8	10475.6	11302.7
70°	6161.1	6799.2	7033.8	7609.4	8645.8	8816.4	8058.4	7589.1	8154.6	9160.7	9884.9
72.5°	6071.7	6804.2	6779.0	7047.4	7734.3	7893.0	7108.1	6368.7	6704.7	7455.9	7925.1
75°	5200.6	6076.7	5891.1	5837.0	6078.4	6183.1	5594.0	5480.8	5904.6	6321.5	6328.3
77.5°	3743.9	4707.8	4490.1	4177.7	4160.8	4402.3	4481.6	5222.6	5848.8	6178.0	6032.8
80°	2385.1	3429.9	3203.8	2658.5	2650.2	2964.1	3661.2	4668.9	5332.3	5516.4	5138.2
82.5°	1245.7	2245.0	2331.1	1995.2	2283.8	2803.7	3484.0	3762.5	4014.0	4039.4	3593.7
85°	776.5	1380.7	1623.8	1676.2	2062.7	2486.4	2481.3	2383.4	2272.0	1944.6	1758.9
87.5°	87.8	173.9	263.3	249.8	336.0	471.0	587.5	344.4	241.3	87.8	121.6
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: P152758

CATALOG NUMBER: VXS-E06-LED-E1-SLL-8030

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7
2.5°	1753.8	1755.5	1757.2	1757.2	1765.6	1763.9	1765.6	1769.0	1774.1	1777.4	1780.8
5°	1767.4	1767.4	1774.1	1779.2	1789.2	1796.1	1799.4	1809.5	1821.3	1817.9	1828.1
7.5°	1811.2	1809.5	1816.3	1819.7	1828.1	1839.9	1838.2	1846.6	1856.8	1860.2	1868.6
10°	1870.3	1865.2	1865.2	1861.9	1863.5	1860.2	1860.2	1860.2	1866.9	1865.2	1872.0
12.5°	1931.1	1929.3	1926.0	1915.9	1915.9	1902.4	1895.6	1887.2	1885.5	1873.7	1875.3
15°	2056.0	2056.0	2049.2	2028.9	2012.1	2000.2	1983.4	1971.6	1954.7	1932.7	1920.9
17.5°	2238.2	2214.6	2206.2	2202.8	2175.9	2165.7	2128.5	2089.7	2071.2	2040.7	2023.9
20°	2461.0	2456.1	2422.3	2405.4	2371.6	2324.4	2277.1	2226.4	2196.1	2159.0	2138.7
22.5°	2712.5	2675.4	2658.5	2633.3	2580.9	2526.9	2456.1	2388.5	2341.2	2316.0	2300.7
25°	3006.3	2969.1	2952.3	2918.5	2854.4	2797.0	2709.2	2629.8	2587.7	2545.5	2521.9
27.5°	3396.3	3360.7	3340.5	3252.7	3230.8	3136.3	3028.3	2920.2	2864.5	2802.1	2761.6
30°	3978.5	3980.3	3875.6	3769.2	3659.6	3495.9	3382.7	3261.1	3170.1	3080.5	2991.1
32.5°	4962.7	4711.2	4517.0	4289.1	4051.2	3877.3	3737.2	3592.0	3465.4	3335.4	3186.9
35°	5563.6	5442.1	5190.6	4773.6	4533.9	4322.9	4167.7	3992.1	3836.8	3607.3	3381.0
37.5°	6242.2	5960.3	5654.7	5423.5	5151.7	4906.9	4647.0	4447.9	4179.5	3870.6	3549.8
40°	7233.0	6829.5	6461.6	6151.0	5799.9	5543.3	5253.0	4964.4	4608.2	4160.8	3720.3
42.5°	8267.8	7850.8	7364.7	6961.2	6547.7	6247.3	5887.7	5482.6	4959.3	4405.6	3867.2
45°	9353.1	8796.1	8213.7	7720.8	7290.4	6917.3	6471.7	5934.9	5296.9	4625.1	4003.9
47.5°	10423.3	9783.5	9089.7	8559.8	7999.4	7543.6	6996.7	6318.1	5560.2	4832.6	4140.6
50°	11366.8	10750.8	9915.2	9241.7	8674.5	8112.4	7430.5	6613.5	5767.9	5011.6	4263.8
52.5°	12180.5	11650.5	10771.0	9920.3	9267.0	8635.8	7779.9	6851.5	5977.1	5177.0	4365.1
55°	12778.0	12425.3	11615.0	10560.0	9788.6	9035.8	8075.3	7081.0	6174.6	5308.7	4431.0
57.5°	13228.7	13033.0	12337.4	11162.6	10268.0	9424.0	8380.8	7356.3	6370.5	5421.8	4461.3
60°	13475.1	13529.2	12884.4	11689.2	10691.7	9748.1	8686.3	7590.9	6515.6	5487.7	4444.5
62.5°	13451.5	13782.4	13294.5	12013.4	10938.1	9940.5	8892.3	7700.6	6495.3	5383.0	4290.9
63°	13405.9	13790.8	13340.1	12035.3	10953.3	9947.3	8897.3	7685.4	6453.2	5332.3	4230.1
65°	13012.6	13596.7	13301.3	11935.8	10818.2	9820.7	8791.0	7465.9	6156.1	5060.5	3917.8
67.5°	11959.4	12690.3	12605.8	11231.8	10178.5	9297.4	8247.5	6758.7	5421.8	4392.1	3320.3
70°	10219.1	10906.0	10921.2	9768.4	8888.9	8024.7	7152.0	5499.5	4297.6	3404.7	2476.3
72.5°	7832.2	8274.5	8428.1	7668.5	7079.4	6471.7	5688.5	3992.1	3063.7	2316.0	1612.0
75°	6064.9	5943.4	5941.7	5620.9	5381.2	5084.2	4223.3	2694.0	2012.1	1505.7	985.8
77.5°	5452.2	4912.0	4388.7	4003.9	3811.5	3711.9	2769.9	1623.8	1186.6	865.9	567.2
80°	4496.8	3700.1	2989.4	2574.2	2408.7	2523.5	1544.5	877.7	649.8	492.8	368.0
82.5°	3100.8	2574.2	1956.4	1620.4	1390.9	1455.0	789.9	449.0	300.4	275.1	227.9
85°	1615.4	1416.2	1195.1	1026.3	906.4	796.7	410.2	214.4	124.9	109.7	99.6
87.5°	0.0	1.7	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

REPORT NUMBER: P152758

CATALOG NUMBER: VXS-E06-LED-E1-SLL-8030

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7
2.5°	1785.9	1784.1	1787.6	1789.2	1794.3	1797.7	1799.4	1796.1	1801.0	1806.1	1802.8
5°	1833.2	1845.0	1846.6	1851.7	1851.7	1861.9	1861.9	1861.9	1860.2	1861.9	1858.4
7.5°	1873.7	1888.8	1890.6	1897.3	1899.0	1910.8	1905.7	1909.1	1909.1	1900.6	1897.3
10°	1878.8	1893.9	1902.4	1910.8	1922.6	1937.8	1937.8	1946.2	1946.2	1939.5	1937.8
12.5°	1880.4	1892.2	1900.6	1912.4	1929.3	1951.3	1963.1	1974.9	1980.0	1978.3	1973.3
15°	1915.9	1915.9	1917.5	1927.7	1939.5	1966.5	1983.4	1996.9	2005.3	2002.0	1993.5
17.5°	2008.7	1995.2	1985.1	1968.2	1971.6	1985.1	1995.2	2007.0	2008.7	2005.3	1991.8
20°	2116.7	2099.9	2074.5	2047.6	2034.0	2023.9	2017.1	2017.1	2012.1	1995.2	1973.3
22.5°	2270.4	2248.4	2213.0	2172.4	2145.4	2113.4	2074.5	2037.4	1996.9	1956.4	1909.1
25°	2483.0	2452.6	2415.5	2353.1	2295.6	2228.2	2148.8	2066.1	1969.8	1885.5	1816.3
27.5°	2697.4	2629.8	2533.7	2447.6	2341.2	2240.0	2126.8	2025.6	1902.4	1801.0	1725.1
30°	2874.6	2746.3	2608.0	2471.2	2331.1	2194.4	2059.4	1937.8	1802.8	1699.8	1625.5
32.5°	3011.4	2834.1	2641.7	2462.8	2290.6	2123.5	1968.2	1833.2	1696.4	1590.1	1510.8
35°	3137.9	2891.5	2646.7	2425.6	2213.0	2039.1	1863.5	1716.7	1571.5	1460.1	1374.0
37.5°	3232.4	2918.5	2616.4	2356.4	2111.7	1917.5	1738.7	1588.4	1439.9	1318.3	1220.4
40°	3293.3	2901.7	2550.6	2256.8	1991.8	1787.6	1605.3	1449.9	1306.5	1173.2	1055.0
42.5°	3342.2	2879.7	2484.7	2165.7	1897.3	1674.5	1487.2	1320.0	1174.8	1029.6	899.7
45°	3414.8	2896.6	2456.1	2101.6	1812.8	1578.2	1372.3	1198.4	1046.5	904.8	779.9
47.5°	3485.7	2905.0	2413.8	2022.2	1706.5	1478.7	1269.3	1100.5	945.3	815.3	700.5
50°	3549.8	2900.0	2348.0	1920.9	1603.6	1379.1	1176.5	1007.8	854.1	734.3	626.2
52.5°	3580.2	2871.3	2266.9	1823.0	1520.8	1291.3	1085.4	921.7	769.7	656.6	557.0
55°	3576.8	2797.0	2160.6	1730.2	1429.7	1198.4	996.0	833.9	697.1	592.4	506.4
57.5°	3526.2	2682.2	2047.6	1627.3	1309.8	1083.7	891.3	734.3	619.5	531.7	459.2
60°	3419.9	2535.3	1899.0	1477.0	1159.7	941.9	761.2	626.2	533.4	465.9	418.7
62.5°	3220.6	2324.4	1713.3	1267.7	957.1	757.9	600.9	513.2	443.9	403.4	381.5
63°	3161.6	2266.9	1634.0	1217.0	909.8	715.8	567.2	476.1	425.4	389.9	369.6
65°	2867.9	1985.1	1367.3	982.4	707.3	552.0	455.8	386.5	356.2	340.9	339.3
67.5°	2322.7	1561.3	967.3	673.5	481.0	398.3	349.4	320.7	307.3	303.8	307.3
70°	1630.6	985.8	614.4	447.4	356.2	320.7	298.8	286.9	278.5	280.2	283.6
72.5°	1039.8	590.8	422.0	339.3	300.4	281.9	271.8	268.4	266.7	265.0	265.0
75°	592.4	393.3	324.0	293.7	273.5	258.2	249.8	246.4	248.1	249.8	246.4
77.5°	391.6	324.0	288.6	268.4	249.8	233.0	227.9	226.2	229.5	233.0	233.0
80°	308.9	288.6	268.4	248.1	217.7	205.9	209.3	211.0	209.3	211.0	205.9
82.5°	217.7	214.4	219.5	211.0	180.6	170.5	167.2	168.8	165.4	165.4	162.1
85°	101.2	101.2	106.3	106.3	103.0	104.7	113.1	123.2	128.3	123.2	116.5
87.5°	0.0	0.0	0.0	0.0	0.0	15.2	30.4	43.9	47.3	59.1	57.4
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: P152758

CATALOG NUMBER: VXS-E06-LED-E1-SLL-8030

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7
2.5°	1797.7	1801.0	1799.4	1797.7	1801.0	1797.7	1799.4	1797.7	1797.7	1796.1	1796.1
5°	1855.1	1860.2	1850.1	1848.3	1845.0	1836.5	1836.5	1833.2	1833.2	1826.4	1821.3
7.5°	1892.2	1893.9	1885.5	1883.8	1875.3	1866.9	1860.2	1853.4	1851.7	1846.6	1836.5
10°	1927.7	1924.2	1917.5	1909.1	1900.6	1888.8	1880.4	1872.0	1870.3	1861.9	1850.1
12.5°	1958.0	1956.4	1942.9	1934.4	1920.9	1909.1	1899.0	1888.8	1883.8	1873.7	1856.8
15°	1978.3	1968.2	1951.3	1936.2	1920.9	1907.5	1895.6	1883.8	1878.8	1866.9	1850.1
17.5°	1969.8	1951.3	1929.3	1910.8	1890.6	1873.7	1863.5	1851.7	1843.3	1836.5	1812.8
20°	1939.5	1912.4	1878.8	1856.8	1829.7	1807.9	1801.0	1789.2	1782.5	1757.2	1726.8
22.5°	1860.2	1821.3	1779.2	1747.0	1716.7	1694.7	1677.8	1666.0	1649.1	1634.0	1586.7
25°	1760.5	1716.7	1672.7	1634.0	1593.5	1559.7	1529.3	1500.6	1492.1	1460.1	1414.5
27.5°	1664.4	1615.4	1571.5	1525.9	1473.6	1431.4	1379.1	1338.5	1311.6	1277.8	1235.6
30°	1561.3	1512.4	1453.4	1392.5	1331.8	1286.2	1227.2	1178.2	1144.5	1109.0	1070.2
32.5°	1431.4	1372.3	1301.5	1233.9	1178.2	1124.1	1065.1	1017.8	984.1	952.0	914.9
35°	1282.9	1205.2	1129.2	1055.0	996.0	950.4	898.0	862.6	839.0	810.3	771.4
37.5°	1112.3	1024.6	943.6	886.2	833.9	789.9	752.8	730.9	705.6	690.4	666.7
40°	940.2	854.1	774.8	722.5	678.5	653.3	633.0	628.0	611.1	590.8	575.6
42.5°	788.3	705.6	628.0	585.7	557.0	550.3	540.1	540.1	531.7	516.5	506.4
45°	685.3	599.3	531.7	501.3	486.1	484.5	479.4	479.4	477.7	471.0	459.2
47.5°	611.1	533.4	481.0	462.5	459.2	455.8	450.7	449.0	447.4	442.3	435.5
50°	543.5	477.7	443.9	435.5	437.2	432.1	427.0	422.0	420.3	415.2	408.5
52.5°	481.0	433.8	411.9	406.8	406.8	406.8	403.4	403.4	400.0	398.3	391.6
55°	445.6	410.2	398.3	396.7	395.0	393.3	389.9	389.9	386.5	384.9	376.4
57.5°	415.2	393.3	386.5	383.2	381.5	378.1	376.4	376.4	376.4	376.4	366.3
60°	391.6	381.5	379.8	376.4	374.7	368.0	364.6	362.9	364.6	366.3	356.2
62.5°	366.3	364.6	362.9	359.6	357.8	351.1	346.0	342.7	346.0	349.4	347.8
63°	359.6	357.8	357.8	356.2	354.5	346.0	340.9	337.6	340.9	344.4	344.4
65°	336.0	337.6	337.6	336.0	334.2	329.1	322.4	319.1	320.7	325.8	327.5
67.5°	310.6	312.2	310.6	312.2	310.6	307.3	302.2	298.8	297.1	298.8	300.4
70°	286.9	290.4	288.6	286.9	285.3	285.3	281.9	276.8	275.1	273.5	273.5
72.5°	266.7	266.7	263.3	263.3	261.7	261.7	258.2	253.2	251.5	251.5	248.1
75°	244.8	244.8	239.7	239.7	236.3	238.0	234.6	229.5	227.9	227.9	226.2
77.5°	231.3	226.2	217.7	216.1	214.4	214.4	212.6	207.7	205.9	205.9	204.2
80°	204.2	194.1	185.7	184.0	185.7	189.0	189.0	185.7	185.7	185.7	185.7
82.5°	158.7	155.3	150.3	146.8	146.8	151.9	158.7	162.1	165.4	168.8	168.8
85°	116.5	118.1	116.5	111.4	109.7	114.8	121.6	128.3	129.9	136.7	135.0
87.5°	62.5	64.1	59.1	57.4	62.5	65.8	72.5	74.3	77.6	79.4	81.0
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: P152758

CATALOG NUMBER: VXS-E06-LED-E1-SLL-8030

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7
2.5°	1794.3	1792.6	1794.3	1791.0	1791.0	1787.6	1784.1	1782.5	1779.2	1777.4	1774.1
5°	1824.7	1819.7	1814.6	1812.8	1806.1	1799.4	1794.3	1785.9	1779.2	1767.4	1763.9
7.5°	1845.0	1833.2	1826.4	1824.7	1814.6	1809.5	1797.7	1787.6	1777.4	1762.3	1757.2
10°	1853.4	1841.6	1829.7	1824.7	1812.8	1804.5	1792.6	1777.4	1769.0	1753.8	1750.5
12.5°	1863.5	1841.6	1823.0	1809.5	1792.6	1774.1	1762.3	1753.8	1742.0	1733.6	1730.2
15°	1845.0	1816.3	1787.6	1762.3	1735.2	1715.0	1703.2	1689.6	1676.2	1671.1	1671.1
17.5°	1794.3	1757.2	1708.2	1676.2	1647.5	1625.5	1610.4	1596.8	1595.1	1588.4	1591.8
20°	1689.6	1640.7	1593.5	1569.8	1553.0	1539.5	1524.2	1517.5	1512.4	1502.3	1499.0
22.5°	1544.5	1504.0	1470.3	1453.4	1439.9	1423.0	1409.4	1389.2	1384.1	1374.0	1368.9
25°	1384.1	1352.1	1323.4	1311.6	1303.1	1279.5	1271.1	1244.0	1225.5	1213.7	1220.4
27.5°	1223.8	1200.1	1173.2	1157.9	1152.8	1131.0	1122.5	1092.1	1076.9	1076.9	1060.1
30°	1058.3	1036.4	1019.6	1002.7	999.3	972.2	950.4	938.5	921.7	914.9	903.1
32.5°	903.1	881.1	867.7	859.2	845.7	823.7	801.8	781.6	754.5	744.4	739.4
35°	759.6	742.7	725.8	719.1	700.5	676.9	649.8	633.0	600.9	589.1	584.0
37.5°	649.8	629.6	617.8	599.3	580.6	555.3	535.1	519.9	508.1	503.0	503.0
40°	562.1	546.9	533.4	518.2	503.0	489.5	479.4	476.1	474.3	474.3	477.7
42.5°	496.3	482.8	476.1	467.6	462.5	462.5	460.8	462.5	464.1	465.9	471.0
45°	452.3	443.9	440.5	438.9	442.3	445.6	447.4	450.7	457.4	460.8	462.5
47.5°	428.7	422.0	420.3	422.0	427.0	433.8	440.5	445.6	450.7	452.3	454.1
50°	405.1	396.7	393.3	396.7	403.4	413.6	418.7	427.0	430.5	433.8	430.5
52.5°	384.9	378.1	376.4	376.4	383.2	389.9	396.7	403.4	405.1	405.1	403.4
55°	368.0	362.9	357.8	361.2	366.3	373.1	383.2	388.2	391.6	393.3	393.3
57.5°	354.5	349.4	344.4	347.8	352.7	359.6	369.6	374.7	378.1	383.2	384.9
60°	344.4	337.6	332.5	337.6	342.7	352.7	361.2	366.3	374.7	376.4	376.4
62.5°	334.2	327.5	319.1	324.0	324.0	329.1	337.6	344.4	352.7	356.2	356.2
63°	332.5	325.8	317.3	320.7	320.7	324.0	330.9	337.6	347.8	351.1	349.4
65°	319.1	317.3	308.9	308.9	305.5	308.9	314.0	320.7	325.8	330.9	330.9
67.5°	297.1	295.4	293.7	293.7	293.7	297.1	300.4	305.5	310.6	314.0	312.2
70°	271.8	271.8	271.8	273.5	273.5	276.8	278.5	276.8	281.9	285.3	283.6
72.5°	249.8	248.1	246.4	249.8	248.1	248.1	251.5	249.8	254.9	254.9	256.6
75°	226.2	224.5	224.5	226.2	222.8	219.5	221.1	221.1	222.8	222.8	226.2
77.5°	205.9	205.9	205.9	204.2	200.8	199.2	197.5	197.5	197.5	197.5	199.2
80°	187.4	187.4	187.4	185.7	182.3	179.0	175.5	173.9	172.1	163.7	163.7
82.5°	168.8	168.8	168.8	168.8	167.2	163.7	158.7	145.2	138.4	131.7	133.4
85°	133.4	136.7	140.1	145.2	143.5	143.5	133.4	116.5	106.3	99.6	101.2
87.5°	86.1	76.0	76.0	74.3	70.9	67.6	67.6	57.4	47.3	42.2	43.9
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: P152758
CATALOG NUMBER: VXS-E06-LED-E1-SLL-8030

REPORT N
CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	0°
2.5°	1774.1	1770.7	1767.4	1767.4	1762.3	1762.3	1758.9	1765.6	1758.9	1753.8	1753.8	2.5°
5°	1760.5	1757.2	1747.0	1745.4	1738.7	1738.7	1738.7	1735.2	1735.2	1731.9	1730.2	5°
7.5°	1752.1	1743.7	1735.2	1730.2	1730.2	1726.8	1733.6	1730.2	1731.9	1731.9	1733.6	7.5°
10°	1745.4	1738.7	1735.2	1733.6	1733.6	1738.7	1743.7	1745.4	1743.7	1745.4	1745.4	10°
12.5°	1728.5	1731.9	1733.6	1740.3	1748.7	1758.9	1770.7	1772.3	1775.8	1775.8	1779.2	12.5°
15°	1674.5	1682.9	1693.1	1709.9	1731.9	1753.8	1775.8	1794.3	1811.2	1819.7	1826.4	15°
17.5°	1598.5	1606.9	1625.5	1644.1	1672.7	1704.9	1742.0	1774.1	1809.5	1841.6	1873.7	17.5°
20°	1495.5	1509.0	1514.1	1547.9	1581.7	1625.5	1669.4	1720.1	1780.8	1841.6	1904.0	20°
22.5°	1362.2	1377.4	1401.0	1428.1	1463.5	1517.5	1569.8	1649.1	1730.2	1816.3	1914.2	22.5°
25°	1213.7	1230.6	1250.8	1279.5	1314.9	1372.3	1448.3	1532.6	1632.2	1745.4	1866.9	25°
27.5°	1060.1	1076.9	1093.8	1114.1	1154.6	1215.3	1304.8	1392.5	1502.3	1625.5	1767.4	27.5°
30°	906.4	908.1	918.2	943.6	985.8	1065.1	1131.0	1240.6	1355.4	1485.4	1649.1	30°
32.5°	737.6	736.0	747.8	769.7	810.3	886.2	967.3	1073.6	1186.6	1350.4	1519.2	32.5°
35°	587.5	587.5	609.3	631.3	676.9	730.9	801.8	896.3	1029.6	1181.6	1350.4	35°
37.5°	508.1	519.9	533.4	555.3	590.8	633.0	695.4	778.1	882.8	1028.0	1183.3	37.5°
40°	482.8	489.5	501.3	521.6	552.0	590.8	636.4	698.9	779.9	896.3	1038.1	40°
42.5°	472.6	474.3	481.0	496.3	523.3	562.1	609.3	665.1	725.8	808.5	931.8	42.5°
45°	462.5	460.8	464.1	476.1	497.9	541.9	595.9	656.6	717.4	786.6	887.9	45°
47.5°	454.1	454.1	454.1	459.2	479.4	523.3	585.7	656.6	729.2	806.8	906.4	47.5°
50°	430.5	428.7	428.7	432.1	447.4	494.6	568.8	654.9	749.4	850.8	963.8	50°
52.5°	403.4	403.4	405.1	406.8	420.3	467.6	550.3	654.9	773.1	908.1	1049.9	52.5°
55°	395.0	396.7	398.3	396.7	406.8	447.4	530.1	644.8	783.2	953.7	1142.8	55°
57.5°	388.2	391.6	391.6	389.9	396.7	430.5	509.7	624.6	774.8	970.6	1208.6	57.5°
60°	378.1	378.1	378.1	373.1	376.4	406.8	479.4	592.4	747.8	955.4	1218.8	60°
62.5°	356.2	356.2	352.7	351.1	349.4	373.1	438.9	545.2	698.9	914.9	1193.4	62.5°
63°	351.1	349.4	349.4	344.4	344.4	366.3	430.5	538.4	685.3	904.8	1183.3	63°
65°	332.5	332.5	332.5	329.1	327.5	344.4	396.7	491.2	633.0	857.5	1132.6	65°
67.5°	312.2	314.0	310.6	308.9	307.3	317.3	357.8	432.1	552.0	757.9	1038.1	67.5°
70°	283.6	285.3	285.3	283.6	281.9	288.6	314.0	371.4	457.4	631.3	884.5	70°
72.5°	258.2	261.7	261.7	265.0	265.0	270.1	280.2	308.9	366.3	492.8	695.4	72.5°
75°	231.3	233.0	236.3	239.7	236.3	234.6	236.3	258.2	286.9	364.6	496.3	75°
77.5°	207.7	212.6	212.6	211.0	205.9	202.6	202.6	212.6	236.3	276.8	354.5	77.5°
80°	172.1	180.6	182.3	177.2	172.1	172.1	175.5	182.3	197.5	227.9	268.4	80°
82.5°	138.4	146.8	148.5	150.3	148.5	153.6	153.6	155.3	163.7	187.4	219.5	82.5°
85°	106.3	113.1	118.1	119.9	121.6	123.2	121.6	113.1	118.1	133.4	148.5	85°
87.5°	47.3	48.9	45.6	47.3	45.6	47.3	48.9	40.5	38.9	52.3	54.0	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: P152758

NUMBER: VXS-E06-LED-E1-SLL-8030

DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7
1752.1	1752.1	1753.8	1750.5	1750.5	1752.1	1747.0
1725.1	1731.9	1731.9	1731.9	1728.5	1731.9	1733.6
1731.9	1736.9	1740.3	1740.3	1738.7	1745.4	1750.5
1740.3	1748.7	1752.1	1752.1	1752.1	1760.5	1772.3
1772.3	1779.2	1784.1	1784.1	1787.6	1797.7	1811.2
1831.5	1839.9	1839.9	1838.2	1848.3	1860.2	1875.3
1897.3	1920.9	1932.7	1931.1	1939.5	1954.7	1971.6
1959.8	2025.6	2054.3	2074.5	2083.0	2103.2	2108.3
2012.1	2121.8	2201.1	2268.6	2300.7	2320.9	2344.6
1993.5	2142.1	2283.8	2422.3	2520.2	2619.8	2662.0
1917.5	2103.2	2288.9	2491.5	2668.7	2845.9	2974.2
1824.7	2047.6	2297.3	2584.2	2864.5	3136.3	3352.3
1718.3	1995.2	2316.0	2670.4	3038.3	3394.5	3706.8
1585.0	1895.6	2270.4	2678.9	3112.6	3544.8	3949.8
1416.2	1760.5	2164.0	2618.0	3116.1	3610.6	4095.0
1247.5	1590.1	2028.9	2530.3	3072.1	3625.8	4186.2
1129.2	1438.1	1892.2	2418.9	3001.2	3602.2	4230.1
1048.2	1328.4	1770.7	2317.6	2925.3	3560.0	4236.8
1041.5	1281.1	1691.4	2243.3	2864.5	3522.8	4236.8
1098.9	1306.5	1664.4	2206.2	2839.2	3511.0	4240.2
1206.9	1407.8	1713.3	2234.9	2859.5	3526.2	4255.4
1336.9	1561.3	1845.0	2334.5	2945.5	3576.8	4289.1
1455.0	1738.7	2069.4	2526.9	3102.5	3705.1	4383.7
1524.2	1890.6	2307.5	2797.0	3370.9	3960.0	4572.7
1532.6	1974.9	2518.4	3090.7	3696.7	4252.0	4874.9
1525.9	1981.7	2545.5	3146.4	3765.9	4324.6	4979.6
1488.8	1983.4	2621.5	3342.2	4005.6	4630.2	5271.6
1394.3	1929.3	2648.4	3495.9	4307.8	5031.9	5816.8
1230.6	1775.8	2569.1	3499.2	4424.2	5256.4	6161.1
989.1	1483.7	2226.4	3183.5	4117.0	5035.2	6071.7
724.1	1090.5	1682.9	2466.1	3359.1	4191.3	5200.6
481.0	705.6	1134.3	1757.2	2408.7	3016.4	3743.9
330.9	437.2	663.4	1056.7	1473.6	1769.0	2385.1
243.1	288.6	368.0	540.1	708.9	872.6	1245.7
151.9	165.4	184.0	266.7	381.5	514.8	776.5
40.5	42.2	38.9	52.3	82.7	79.4	87.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)