

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: P153333

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

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P153333
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-8030
Description: VISION SITE SMALL LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
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 (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



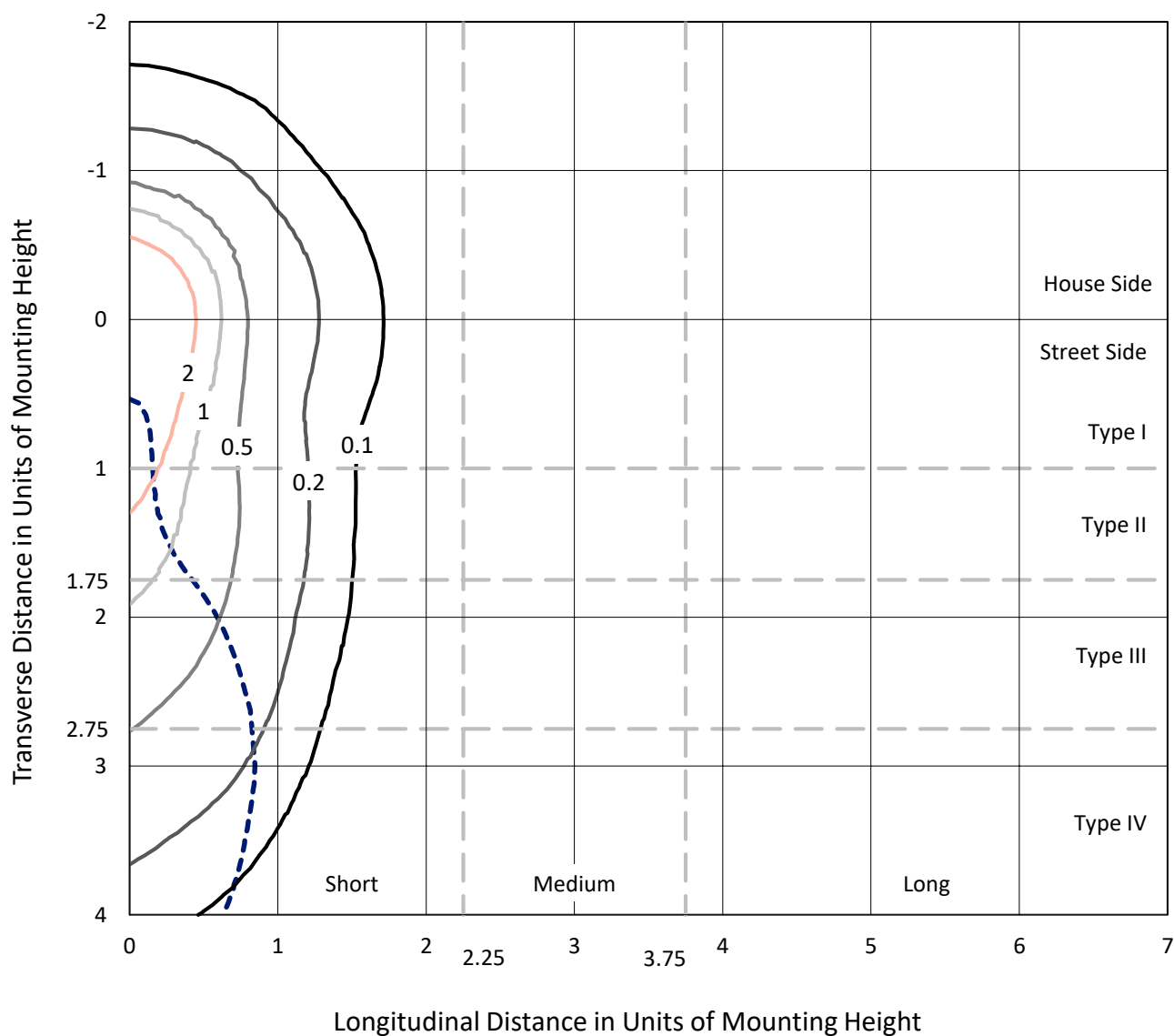
REPORT NUMBER: P153333

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

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

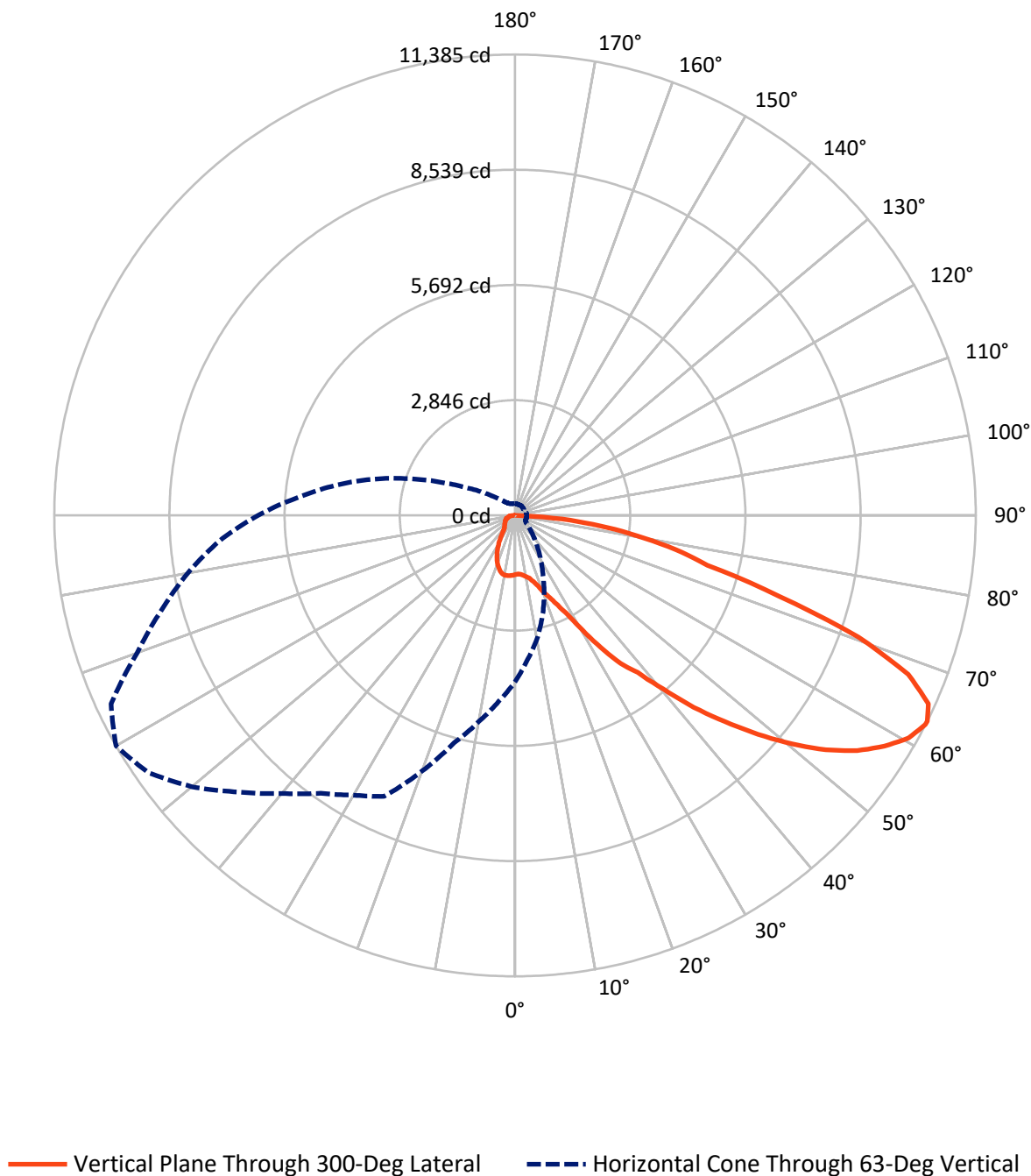


Based on 20 foot mounting height. Maximum calculated value = 4.6 fc
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P153333

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

Luminous Intensity Polar Plot



REPORT NUMBER: P153333

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

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

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

Coefficient of Utilization



REPORT NUMBER: P153333

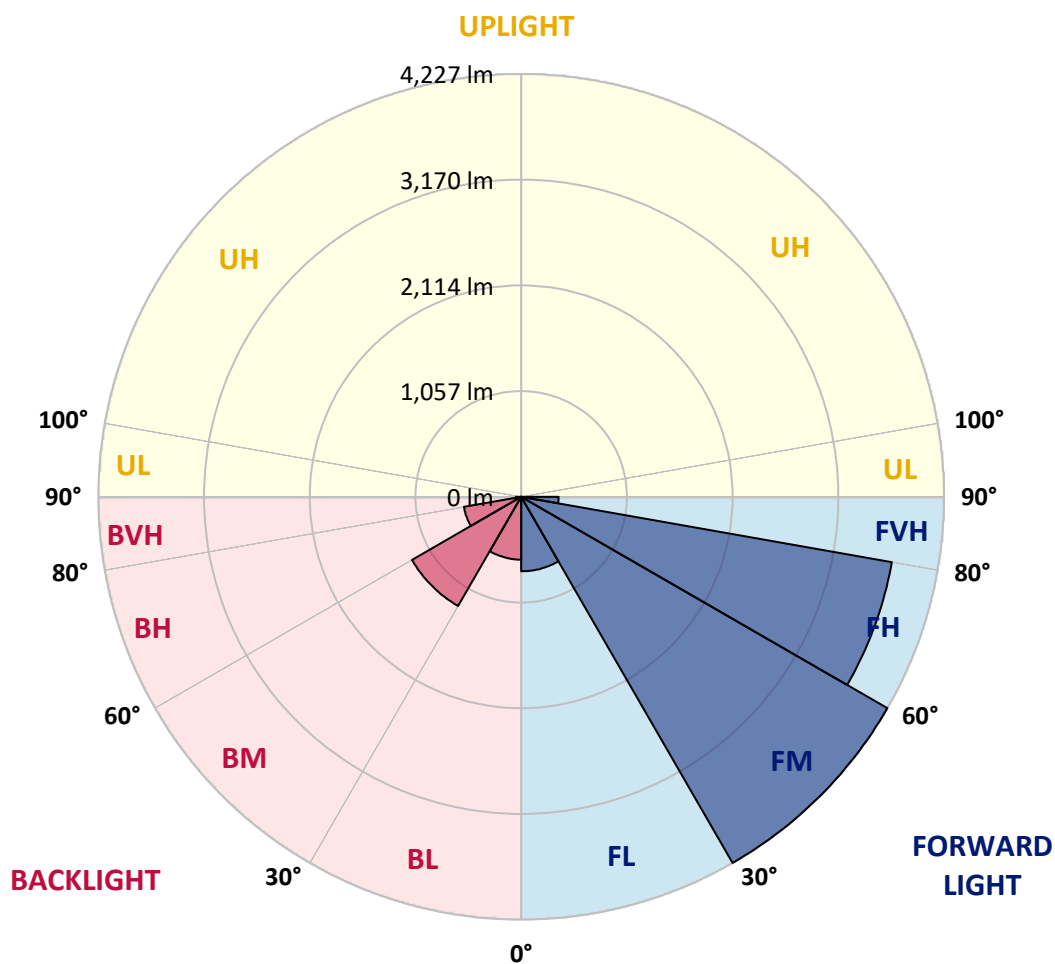
CATALOG NUMBER: VXS-F06-LED-E1-SLR-8030

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



REPORT NUMBER: P153333

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

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	1446.4	1445.1	1445.1	1447.8	1446.4	1446.4	1447.8	1447.8	1452.0	1457.6
5°	1431.1	1429.7	1426.9	1429.7	1429.7	1429.7	1424.1	1428.3	1429.7	1432.5	1432.5
7.5°	1445.1	1440.8	1435.2	1436.7	1436.7	1433.9	1429.7	1431.1	1429.7	1429.7	1428.3
10°	1463.1	1453.4	1446.4	1446.4	1446.4	1443.6	1436.7	1440.8	1440.8	1439.5	1440.8
12.5°	1495.2	1484.0	1475.6	1472.8	1472.8	1468.7	1463.1	1468.7	1465.9	1465.9	1463.1
15°	1548.2	1535.6	1525.8	1517.5	1518.9	1518.9	1511.9	1507.8	1502.2	1495.2	1481.2
17.5°	1627.6	1613.7	1601.1	1594.1	1595.5	1585.8	1566.2	1546.7	1520.3	1493.8	1464.6
20°	1740.4	1736.3	1719.6	1712.5	1695.9	1672.1	1617.8	1571.8	1520.3	1470.2	1419.9
22.5°	1935.5	1916.1	1899.3	1872.8	1817.1	1751.6	1661.0	1580.2	1499.4	1428.3	1361.5
25°	2197.5	2162.7	2080.4	1999.6	1885.4	1768.3	1645.7	1541.1	1440.8	1347.5	1265.3
27.5°	2455.3	2349.4	2203.1	2056.8	1889.5	1736.3	1583.0	1459.0	1341.9	1240.2	1149.6
30°	2767.5	2589.1	2364.8	2133.4	1896.5	1690.3	1506.3	1361.5	1226.2	1119.0	1024.2
32.5°	3060.1	2802.3	2508.3	2204.5	1911.8	1647.0	1418.5	1254.1	1114.8	979.6	886.2
35°	3260.7	2926.3	2569.5	2211.4	1874.2	1564.9	1308.5	1114.8	975.4	850.1	739.9
37.5°	3380.5	2980.6	2572.3	2161.2	1786.4	1453.4	1169.1	976.8	848.6	728.8	642.4
40°	3455.9	2993.2	2536.2	2088.8	1674.9	1312.6	1029.7	857.0	739.9	643.8	576.9
42.5°	3492.0	2973.7	2477.6	1996.9	1562.1	1187.3	932.2	769.2	667.5	599.2	549.0
45°	3497.6	2938.9	2414.9	1913.3	1461.8	1096.7	865.4	733.0	649.3	592.2	542.1
47.5°	3497.6	2908.2	2364.8	1851.9	1396.3	1057.6	859.8	748.3	666.1	602.0	542.1
50°	3500.4	2898.4	2343.8	1821.2	1374.0	1078.5	907.2	795.6	702.3	618.7	540.6
52.5°	3513.0	2911.0	2360.5	1845.0	1414.4	1162.2	996.4	866.7	749.6	638.2	540.6
55°	3540.8	2952.7	2431.6	1927.2	1523.1	1288.9	1103.6	943.4	787.4	646.5	532.3
57.5°	3618.9	3058.7	2561.2	2086.0	1708.4	1435.2	1201.1	997.7	801.2	639.6	515.5
60°	3774.9	3269.1	2782.8	2309.0	1904.9	1560.7	1258.3	1006.1	788.7	617.3	489.1
62.5°	4024.4	3510.2	3051.7	2551.4	2079.1	1630.4	1265.3	985.2	755.2	576.9	450.1
63°	4110.8	3570.1	3108.8	2597.4	2101.3	1636.0	1259.7	976.8	746.9	565.7	444.6
65°	4351.8	3822.3	3306.7	2759.1	2164.0	1637.3	1229.0	935.0	707.9	522.6	405.5
67.5°	4801.9	4153.9	3556.2	2885.9	2186.3	1592.7	1151.0	857.0	625.7	455.6	356.7
70°	5086.2	4339.3	3652.3	2888.7	2120.8	1465.9	1015.9	730.2	521.1	377.6	306.5
72.5°	5012.3	4156.7	3398.7	2628.1	1838.0	1224.9	816.6	574.1	406.9	302.4	255.0
75°	4293.3	3460.0	2773.1	2035.9	1389.3	900.2	597.8	409.6	301.0	236.9	213.2
77.5°	3090.7	2490.2	1988.5	1450.6	936.4	582.5	397.1	292.6	228.5	195.1	175.5
80°	1969.0	1460.3	1216.5	872.3	547.7	360.9	273.2	221.6	188.1	163.0	150.5
82.5°	1028.4	720.4	585.3	445.9	303.7	238.2	200.6	181.1	154.7	135.1	128.2
85°	641.0	425.0	314.9	220.2	151.9	136.6	125.4	122.6	110.1	97.5	93.4
87.5°	72.4	65.5	68.3	43.2	32.0	34.8	33.5	44.6	43.2	32.0	33.5
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: P153333

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

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°	1452.0	1454.8	1454.8	1459.0	1459.0	1461.8	1464.6	1464.6	1467.4	1468.7	1471.5
5°	1435.2	1435.2	1435.2	1440.8	1442.3	1450.6	1453.4	1456.2	1459.0	1468.7	1474.3
7.5°	1431.1	1425.5	1428.3	1428.3	1432.5	1439.5	1446.4	1450.6	1454.8	1467.4	1475.6
10°	1439.5	1435.2	1431.1	1431.1	1432.5	1435.2	1440.8	1445.1	1447.8	1460.3	1467.4
12.5°	1461.8	1452.0	1443.6	1436.7	1431.1	1429.7	1426.9	1428.3	1431.1	1438.0	1447.8
15°	1465.9	1447.8	1429.7	1411.6	1397.6	1389.3	1382.3	1379.6	1379.6	1383.7	1394.8
17.5°	1438.0	1407.4	1380.9	1357.2	1341.9	1326.6	1319.6	1314.1	1311.3	1316.8	1318.2
20°	1378.1	1341.9	1305.7	1277.8	1249.9	1245.8	1234.6	1237.4	1240.2	1248.6	1252.7
22.5°	1296.0	1252.7	1208.2	1178.9	1156.6	1137.1	1124.6	1130.2	1134.3	1142.7	1146.8
25°	1195.6	1132.8	1085.5	1056.3	1032.5	1015.9	1001.9	1007.5	1001.9	1011.7	1026.9
27.5°	1077.2	1003.3	953.2	919.7	903.0	889.0	875.1	875.1	889.0	889.0	901.6
30°	933.6	879.3	813.8	779.0	758.0	749.6	748.3	745.5	755.2	760.8	774.8
32.5°	798.4	731.6	668.9	635.4	617.3	607.6	608.9	610.4	614.5	622.9	645.2
35°	661.9	603.4	558.8	521.1	503.0	485.0	485.0	482.2	486.3	496.1	522.6
37.5°	574.1	522.6	487.7	458.4	440.3	429.2	419.5	415.2	415.2	419.5	429.2
40°	525.4	487.7	455.6	430.6	413.9	404.1	398.5	394.3	391.6	391.6	393.0
42.5°	503.0	464.0	432.0	409.6	397.1	391.6	390.2	388.8	384.6	383.2	381.8
45°	491.9	447.3	411.1	393.0	383.2	380.4	381.8	381.8	380.4	377.6	372.0
47.5°	483.5	432.0	395.8	379.1	374.8	374.8	374.8	374.8	373.5	372.0	367.9
50°	469.6	408.3	369.2	356.7	354.0	354.0	355.3	355.3	358.1	355.3	352.5
52.5°	454.3	386.0	346.9	335.9	334.4	333.1	333.1	333.1	334.4	334.4	333.1
55°	437.5	369.2	335.9	327.5	328.8	327.5	326.1	324.7	324.7	323.3	320.5
57.5°	420.8	355.3	327.5	321.9	323.3	323.3	320.5	317.7	316.3	312.1	309.3
60°	395.8	335.9	310.8	308.0	312.1	312.1	312.1	310.8	310.8	309.3	302.4
62.5°	362.3	308.0	288.5	289.8	291.2	294.0	294.0	294.0	294.0	291.2	284.2
63°	355.3	302.4	284.2	284.2	288.5	288.5	289.8	288.5	289.8	287.0	278.7
65°	327.5	284.2	270.4	271.7	274.5	274.5	274.5	273.2	273.2	268.9	264.8
67.5°	295.4	262.0	253.6	255.0	256.4	259.2	257.8	257.8	259.2	256.4	252.2
70°	259.2	238.2	232.7	234.1	235.5	235.5	234.1	234.1	235.5	232.7	228.5
72.5°	231.3	223.0	218.8	218.8	216.0	216.0	213.2	211.8	210.4	210.4	206.2
75°	195.1	193.7	195.1	197.8	195.1	192.3	190.9	186.7	183.9	183.9	182.6
77.5°	167.3	167.3	170.1	174.2	175.5	175.5	171.4	164.5	163.0	163.0	163.0
80°	144.9	142.2	142.2	146.3	150.5	149.1	142.2	135.1	135.1	142.2	143.5
82.5°	126.8	126.8	122.6	124.0	122.6	121.2	114.3	110.1	108.7	114.3	119.8
85°	100.3	101.8	100.3	99.0	97.5	93.4	87.8	83.6	82.2	87.8	96.2
87.5°	40.4	39.1	37.6	39.1	37.6	40.4	39.1	36.3	34.8	39.1	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: P153333

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

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°	1472.8	1475.6	1478.4	1478.4	1481.2	1479.9	1481.2	1482.7	1482.7	1484.0	1484.0
5°	1481.2	1485.4	1491.0	1496.6	1498.0	1502.2	1506.3	1503.5	1507.8	1513.3	1513.3
7.5°	1484.0	1493.8	1498.0	1506.3	1507.8	1513.3	1523.1	1516.1	1524.5	1528.6	1530.1
10°	1479.9	1489.6	1496.6	1506.3	1510.6	1520.3	1530.1	1527.3	1537.0	1543.9	1545.4
12.5°	1454.8	1464.6	1479.9	1493.8	1505.0	1520.3	1538.3	1532.8	1546.7	1555.1	1559.3
15°	1406.0	1415.8	1432.5	1454.8	1475.6	1499.4	1523.1	1527.3	1541.1	1551.0	1555.1
17.5°	1329.3	1341.9	1360.0	1383.7	1410.2	1450.6	1481.2	1496.6	1516.1	1521.7	1528.6
20°	1258.3	1270.9	1282.0	1296.0	1315.4	1354.4	1394.8	1425.5	1450.6	1471.5	1477.1
22.5°	1163.5	1174.7	1188.6	1199.8	1213.7	1241.6	1275.0	1309.8	1348.9	1361.5	1375.3
25°	1049.3	1056.3	1075.8	1082.7	1092.4	1116.2	1142.7	1167.8	1205.4	1231.8	1238.8
27.5°	926.6	933.6	951.7	956.0	968.5	990.8	1010.3	1020.0	1054.8	1082.7	1105.0
30°	784.6	802.6	825.0	827.8	841.7	855.5	873.7	883.4	915.5	944.8	972.6
32.5°	661.9	680.0	698.1	709.3	716.3	727.4	745.5	755.2	785.9	812.4	840.3
35°	536.5	558.8	578.3	593.6	599.2	613.2	627.0	636.8	668.9	692.5	712.0
37.5°	441.8	458.4	479.4	494.7	510.1	519.8	536.5	550.5	569.9	582.5	603.4
40°	395.8	404.1	415.2	427.8	440.3	451.5	464.0	475.1	487.7	504.5	518.3
42.5°	380.4	381.8	381.8	386.0	393.0	398.5	409.6	418.0	426.4	439.0	445.9
45°	369.2	367.9	365.1	362.3	363.7	366.5	373.5	379.1	388.8	394.3	395.8
47.5°	363.7	358.1	352.5	348.4	346.9	348.4	354.0	359.5	365.1	369.2	370.7
50°	345.6	341.5	333.1	327.5	324.7	327.5	334.4	337.2	342.8	346.9	348.4
52.5°	327.5	321.9	316.3	310.8	310.8	312.1	317.7	323.3	328.8	330.3	333.1
55°	316.3	308.0	302.4	298.2	295.4	299.6	303.7	310.8	317.7	319.1	321.9
57.5°	305.2	296.8	291.2	287.0	284.2	288.5	292.6	302.4	310.8	310.8	310.8
60°	298.2	291.2	282.9	278.7	274.5	278.7	284.2	294.0	302.4	301.0	299.6
62.5°	278.7	271.7	267.6	267.6	263.3	270.4	276.0	287.0	288.5	285.7	282.9
63°	273.2	267.6	264.8	264.8	262.0	268.9	274.5	284.2	284.2	281.5	278.7
65°	259.2	255.0	252.2	255.0	255.0	262.0	263.3	270.4	268.9	264.8	263.3
67.5°	248.1	245.3	242.5	242.5	242.5	243.8	245.3	248.1	246.6	245.3	246.6
70°	229.9	228.5	225.7	225.7	224.4	224.4	224.4	225.7	225.7	227.2	228.5
72.5°	207.7	204.9	204.9	206.2	203.4	204.9	206.2	204.9	207.7	207.7	209.0
75°	182.6	181.1	183.9	186.7	185.3	185.3	186.7	186.7	188.1	188.1	189.5
77.5°	163.0	164.5	165.8	168.6	170.1	170.1	170.1	168.6	170.1	170.1	171.4
80°	144.9	147.7	150.5	153.3	154.7	154.7	154.7	153.3	153.3	153.3	153.3
82.5°	131.0	135.1	137.9	139.4	139.4	139.4	139.4	139.4	139.4	136.6	133.8
85°	110.1	118.4	118.4	119.8	115.6	112.8	110.1	111.5	112.8	107.3	105.9
87.5°	55.8	55.8	58.5	61.3	62.7	62.7	71.1	66.8	65.5	64.1	61.3
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: P153333

CATALOG NUMBER: VXS-F06-LED-E1-SLR-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°	1485.4	1484.0	1486.8	1484.0	1485.4	1486.8	1484.0	1488.2	1491.0	1486.8	1482.7
5°	1516.1	1516.1	1523.1	1525.8	1527.3	1535.6	1531.4	1534.2	1537.0	1535.6	1537.0
7.5°	1535.6	1541.1	1548.2	1555.1	1556.5	1563.5	1562.1	1566.2	1569.0	1576.1	1576.1
10°	1552.3	1559.3	1569.0	1576.1	1583.0	1588.6	1591.3	1599.7	1601.1	1606.6	1606.6
12.5°	1567.7	1576.1	1585.8	1596.9	1603.8	1615.0	1616.5	1629.0	1633.2	1634.5	1630.4
15°	1564.9	1574.6	1585.8	1598.3	1610.9	1624.8	1633.2	1645.7	1652.6	1655.4	1648.5
17.5°	1538.3	1546.7	1560.7	1577.4	1592.7	1610.9	1626.2	1644.2	1655.4	1658.2	1656.8
20°	1486.8	1492.4	1510.6	1532.8	1551.0	1578.8	1601.1	1629.0	1647.0	1661.0	1665.2
22.5°	1385.1	1399.1	1417.2	1442.3	1468.7	1503.5	1535.6	1576.1	1615.0	1648.5	1682.0
25°	1262.5	1287.6	1315.4	1348.9	1380.9	1417.2	1453.4	1499.4	1556.5	1626.2	1705.6
27.5°	1138.4	1181.7	1216.5	1259.7	1297.3	1333.6	1374.0	1424.1	1486.8	1570.5	1672.1
30°	1013.1	1061.9	1099.5	1149.6	1199.8	1248.6	1288.9	1341.9	1403.2	1488.2	1599.7
32.5°	879.3	928.1	972.6	1018.7	1074.4	1132.8	1181.7	1247.2	1312.6	1400.4	1513.3
35°	741.3	784.6	822.2	870.9	932.2	994.9	1059.1	1134.3	1205.4	1297.3	1417.2
37.5°	621.5	652.1	688.4	731.6	779.0	845.8	918.3	1007.5	1088.3	1188.6	1311.3
40°	522.6	539.3	560.2	596.4	639.6	705.1	776.2	870.9	968.5	1078.5	1197.0
42.5°	445.9	454.3	459.9	483.5	518.3	582.5	650.8	742.7	850.1	969.8	1089.7
45°	395.8	399.9	401.3	413.9	439.0	494.7	565.7	643.8	746.9	863.9	989.3
47.5°	372.0	376.3	379.1	381.8	397.1	440.3	504.5	578.3	673.1	780.3	908.5
50°	352.5	356.7	360.9	359.5	366.5	394.3	448.7	517.0	606.1	705.1	831.9
52.5°	333.1	335.9	335.9	335.9	340.0	358.1	397.1	459.9	542.1	635.4	760.8
55°	321.9	324.7	326.1	327.5	328.8	338.7	367.9	418.0	489.1	575.5	688.4
57.5°	310.8	312.1	314.9	316.3	319.1	324.7	342.8	379.1	439.0	511.4	606.1
60°	301.0	303.7	309.3	310.8	313.6	314.9	323.3	345.6	384.6	440.3	517.0
62.5°	285.7	289.8	295.4	296.8	299.6	301.0	302.4	314.9	333.1	366.5	423.6
63°	281.5	285.7	292.6	294.0	295.4	295.4	296.8	305.2	321.9	351.2	393.0
65°	266.1	271.7	276.0	277.3	278.7	278.7	277.3	280.1	281.5	294.0	319.1
67.5°	249.4	253.6	256.4	257.8	256.4	257.8	256.4	253.6	250.8	253.6	264.8
70°	232.7	235.5	235.5	236.9	238.2	239.7	236.9	234.1	231.3	229.9	236.9
72.5°	213.2	216.0	216.0	217.4	217.4	220.2	220.2	218.8	218.8	220.2	221.6
75°	193.7	196.5	195.1	197.8	197.8	202.1	202.1	203.4	206.2	204.9	203.4
77.5°	175.5	177.0	177.0	178.3	179.8	186.7	190.9	192.3	192.3	189.5	186.7
80°	156.1	156.1	153.3	151.9	153.3	160.2	168.6	170.1	174.2	172.7	174.2
82.5°	131.0	125.4	121.2	121.2	124.0	128.2	131.0	133.8	136.6	136.6	139.4
85°	100.3	94.7	90.6	92.0	96.2	97.5	96.2	96.2	101.8	105.9	101.8
87.5°	59.9	54.3	51.6	47.4	48.8	53.0	51.6	47.4	48.8	39.1	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: P153333

CATALOG NUMBER: VXS-F06-LED-E1-SLR-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°	1485.4	1484.0	1481.2	1477.1	1475.6	1472.8	1474.3	1470.2	1467.4	1464.6	1460.3
5°	1537.0	1537.0	1528.6	1528.6	1524.5	1523.1	1513.3	1509.1	1500.7	1503.5	1493.8
7.5°	1573.3	1577.4	1567.7	1566.2	1560.7	1559.3	1546.7	1542.6	1535.6	1532.8	1524.5
10°	1599.7	1599.7	1587.2	1577.4	1570.5	1563.5	1551.0	1545.4	1539.8	1541.1	1535.6
12.5°	1620.6	1610.9	1592.7	1578.8	1569.0	1562.1	1552.3	1548.2	1546.7	1556.5	1557.9
15°	1637.3	1623.4	1601.1	1591.3	1583.0	1581.6	1581.6	1585.8	1595.5	1613.7	1627.6
17.5°	1647.0	1638.8	1627.6	1624.8	1638.8	1647.0	1658.2	1670.8	1684.7	1709.7	1725.1
20°	1665.2	1670.8	1679.2	1690.3	1712.5	1733.5	1747.5	1765.5	1782.3	1813.0	1838.0
22.5°	1712.5	1744.7	1771.1	1793.4	1826.8	1856.1	1874.2	1899.3	1911.8	1932.7	1971.7
25°	1773.9	1839.4	1895.1	1942.5	1994.1	2024.7	2049.8	2081.9	2101.3	2136.2	2171.0
27.5°	1755.8	1849.1	1932.7	2020.5	2091.6	2171.0	2226.7	2279.7	2313.2	2364.8	2410.7
30°	1700.0	1811.5	1924.4	2040.0	2153.0	2267.2	2373.1	2469.2	2543.1	2616.9	2692.2
32.5°	1624.8	1753.0	1891.0	2033.1	2180.8	2339.7	2485.9	2630.9	2753.5	2860.8	2965.3
35°	1538.3	1683.3	1826.8	2002.4	2185.0	2387.0	2590.5	2791.1	2977.8	3167.4	3295.5
37.5°	1435.2	1583.0	1743.2	1945.3	2159.9	2409.3	2668.5	2930.5	3195.2	3450.3	3671.8
40°	1325.2	1475.6	1644.2	1863.1	2105.5	2395.3	2718.7	3071.2	3434.9	3804.1	4098.2
42.5°	1227.7	1382.3	1566.2	1787.8	2051.2	2377.3	2759.1	3192.4	3637.0	4094.0	4526.0
45°	1132.8	1302.9	1496.6	1734.9	2027.5	2391.2	2819.0	3305.3	3818.1	4372.7	4899.5
47.5°	1047.9	1220.7	1408.8	1669.4	1992.6	2398.1	2877.5	3418.1	3989.5	4590.1	5215.8
50°	971.3	1138.4	1323.8	1585.8	1938.3	2394.0	2930.5	3519.9	4137.2	4761.5	5459.6
52.5°	896.0	1066.0	1255.5	1505.0	1871.4	2370.3	2955.5	3603.5	4273.8	4934.3	5656.1
55°	822.2	989.3	1180.3	1428.3	1783.6	2309.0	2952.7	3657.8	4382.5	5097.3	5845.6
57.5°	735.8	894.6	1081.3	1343.3	1690.3	2214.2	2911.0	3682.9	4475.9	5259.0	6072.7
60°	628.5	777.5	957.3	1219.3	1567.7	2093.0	2823.2	3669.0	4530.2	5378.8	6266.4
62.5°	496.1	625.7	790.1	1046.5	1414.4	1918.9	2658.8	3542.2	4443.7	5362.1	6357.0
63°	468.2	590.9	751.1	1004.7	1348.9	1871.4	2609.9	3492.0	4402.0	5327.3	6344.5
65°	376.3	455.6	583.8	811.0	1128.7	1638.8	2367.5	3234.2	4177.6	5082.0	6163.3
67.5°	288.5	328.8	397.1	556.0	798.4	1288.9	1917.4	2740.9	3625.8	4475.9	5579.5
70°	246.6	264.8	294.0	369.2	507.3	813.8	1346.1	2044.2	2810.7	3547.8	4539.9
72.5°	224.4	232.7	248.1	280.1	348.4	487.7	858.3	1330.8	1911.8	2529.1	3295.5
75°	206.2	213.2	225.7	242.5	267.6	324.7	489.1	813.8	1243.0	1661.0	2223.9
77.5°	188.1	192.3	206.2	221.6	238.2	267.6	323.3	468.2	714.8	979.6	1340.5
80°	172.7	170.1	179.8	204.9	221.6	238.2	255.0	303.7	406.9	536.5	724.6
82.5°	137.9	140.7	149.1	174.2	181.1	177.0	179.8	188.1	227.2	248.1	370.7
85°	93.4	86.4	85.0	87.8	87.8	83.6	83.6	82.2	90.6	103.1	177.0
87.5°	25.1	12.5	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: P153333
CATALOG NUMBER: VXS-F06-LED-E1-SLR-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°	1457.6	1456.2	1457.6	1450.6	1450.6	1449.2	1447.8	1445.1	1445.1	1439.5	1443.6	2.5°
5°	1485.4	1482.7	1477.1	1468.7	1464.6	1459.0	1459.0	1453.4	1449.2	1443.6	1445.1	5°
7.5°	1517.5	1518.9	1509.1	1502.2	1499.4	1493.8	1495.2	1486.8	1488.2	1484.0	1481.2	7.5°
10°	1535.6	1535.6	1538.3	1537.0	1539.8	1539.8	1543.9	1538.3	1535.6	1531.4	1531.4	10°
12.5°	1564.9	1570.5	1581.6	1581.6	1589.9	1592.7	1594.1	1596.9	1591.3	1588.6	1578.8	12.5°
15°	1637.3	1651.3	1661.0	1674.9	1691.7	1697.2	1697.2	1691.7	1688.9	1684.7	1666.6	15°
17.5°	1757.2	1787.8	1796.2	1818.4	1821.2	1828.2	1847.8	1836.6	1829.6	1800.4	1794.8	17.5°
20°	1879.8	1918.9	1957.8	1985.7	1999.6	2027.5	2031.7	2026.1	1998.2	1970.4	1957.8	20°
22.5°	2027.5	2086.0	2130.6	2173.8	2194.7	2208.6	2239.3	2232.3	2210.1	2168.3	2151.5	22.5°
25°	2236.5	2309.0	2356.4	2409.3	2437.2	2451.1	2481.8	2481.8	2458.1	2445.5	2444.1	25°
27.5°	2499.9	2589.1	2667.2	2685.2	2757.7	2774.4	2803.6	2803.6	2781.3	2766.0	2839.9	27.5°
30°	2792.5	2885.9	3021.0	3111.6	3199.4	3285.8	3284.5	3289.9	3316.5	3330.4	3362.5	30°
32.5°	3085.2	3200.8	3344.4	3540.8	3728.9	3889.2	4096.8	4229.2	4188.8	4075.9	4031.3	32.5°
35°	3440.5	3568.7	3742.9	3940.7	4285.0	4492.5	4592.8	4663.9	4672.3	4687.7	4719.7	35°
37.5°	3836.3	4050.8	4252.8	4477.2	4668.1	4920.3	5153.1	5339.8	5383.0	5470.8	5420.6	37.5°
40°	4336.5	4576.2	4788.0	5077.8	5334.2	5638.0	5971.0	6227.5	6330.6	6297.1	6046.3	40°
42.5°	4860.4	5157.2	5405.3	5746.6	6079.7	6481.0	6825.2	7183.3	7247.5	6989.6	6614.8	42.5°
45°	5342.6	5710.5	6018.4	6373.8	6780.6	7261.3	7721.2	8089.1	8076.6	7634.8	7133.2	45°
47.5°	5776.0	6227.5	6603.6	7066.3	7503.8	8076.6	8604.7	8876.4	8716.2	8193.6	7579.1	47.5°
50°	6134.1	6697.0	7161.0	7629.2	8185.3	8875.0	9383.6	9536.9	9227.6	8659.1	8012.4	50°
52.5°	6422.5	7129.0	7650.2	8189.4	8891.7	9617.7	10055.3	9998.1	9598.2	9014.4	8370.6	52.5°
55°	6666.3	7459.3	8080.7	8717.5	9588.5	10257.3	10548.6	10395.3	9836.5	9244.2	8615.9	55°
57.5°	6918.5	7779.8	8476.5	9215.0	10184.9	10759.0	10920.6	10605.7	9949.4	9332.1	8721.8	57.5°
60°	7170.8	8047.3	8826.2	9649.7	10636.4	11168.7	11124.0	10653.1	9916.0	9268.0	8650.7	60°
62.5°	7340.8	8206.1	9029.7	9917.3	10975.0	11377.7	11104.6	10484.5	9722.3	9015.8	8438.9	62.5°
63°	7345.0	8211.7	9042.3	9935.4	11012.6	11384.7	11066.9	10424.6	9660.9	8964.2	8376.2	63°
65°	7257.2	8107.3	8930.8	9853.3	10980.5	11224.5	10742.3	10070.6	9311.2	8607.5	8050.1	65°
67.5°	6808.5	7675.2	8402.6	9272.1	10406.4	10476.2	9872.7	9330.7	8647.9	7919.1	7336.6	67.5°
70°	5904.1	6624.6	7338.0	8064.0	9015.8	9003.2	8436.1	8160.2	7562.4	6731.8	6265.1	70°
72.5°	4696.0	5342.6	5844.2	6330.6	6957.6	6830.8	6465.7	6542.4	6154.9	5534.8	5257.6	72.5°
75°	3486.4	4197.1	4442.4	4640.2	4905.0	4906.4	5006.7	5224.1	5218.5	4874.4	4524.6	75°
77.5°	2286.7	3064.2	3146.4	3305.3	3623.0	4055.0	4500.9	4980.3	5100.1	4828.4	4311.4	77.5°
80°	1275.0	2083.2	1988.5	2125.1	2467.9	3054.5	3712.2	4241.8	4553.9	4402.0	3854.3	80°
82.5°	652.1	1201.1	1148.2	1337.7	1615.0	2125.1	2559.8	2966.7	3334.6	3313.7	3106.0	82.5°
85°	338.7	657.7	748.3	847.3	986.5	1169.1	1333.6	1452.0	1605.3	1875.6	1967.6	85°
87.5°	0.0	0.0	0.0	0.0	0.0	1.3	0.0	100.3	72.4	199.3	284.2	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90°

NUMBER: P153333

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

DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
1461.8	1461.8	1461.8	1461.8	1461.8	1461.8	1461.8
1445.1	1446.4	1443.6	1443.6	1445.1	1445.1	1442.3
1442.3	1442.3	1439.5	1436.7	1433.9	1433.9	1431.1
1474.3	1474.3	1464.6	1460.3	1453.4	1447.8	1445.1
1521.7	1513.3	1502.2	1493.8	1482.7	1470.2	1463.1
1569.0	1556.5	1542.6	1530.1	1516.1	1502.2	1495.2
1647.0	1630.4	1612.2	1596.9	1577.4	1556.5	1548.2
1766.9	1740.4	1716.8	1694.5	1659.6	1644.2	1627.6
1925.8	1886.7	1856.1	1818.4	1775.2	1761.3	1740.4
2118.0	2084.7	2023.3	1995.4	1952.2	1931.4	1935.5
2410.7	2367.5	2296.5	2269.9	2265.8	2219.8	2197.5
2792.5	2795.3	2729.8	2658.8	2619.7	2547.3	2455.3
3336.0	3298.3	3221.7	3149.2	3057.3	2920.7	2767.5
3993.7	3910.1	3783.3	3648.1	3485.1	3274.6	3060.1
4636.1	4489.7	4287.7	4062.0	3826.4	3564.5	3260.7
5200.4	4973.3	4670.9	4411.7	4078.7	3751.2	3380.5
5716.1	5434.5	5044.4	4708.5	4315.5	3894.7	3455.9
6214.9	5858.1	5380.2	4925.9	4481.5	3990.9	3492.0
6690.1	6230.3	5663.1	5122.4	4602.6	4053.6	3497.6
7055.1	6553.5	5916.7	5264.6	4686.2	4101.0	3497.6
7393.8	6826.6	6110.4	5376.1	4764.2	4133.1	3500.4
7657.1	7019.0	6235.8	5455.4	4825.6	4156.7	3513.0
7848.0	7144.4	6319.4	5504.2	4870.2	4190.2	3540.8
7981.8	7226.5	6365.4	5547.4	4924.6	4248.7	3618.9
8045.9	7378.4	6442.0	5633.8	5017.9	4372.7	3774.9
7997.1	7613.9	6660.8	5780.1	5147.5	4566.4	4024.4
7976.3	7657.1	6720.7	5812.1	5176.8	4608.2	4110.8
7813.2	7700.3	6967.4	5973.8	5316.1	4793.6	4351.8
7307.4	7530.4	7175.0	6246.9	5615.6	5243.6	4801.9
6652.4	7278.1	7137.4	6281.8	5806.6	5613.0	5086.2
5867.9	6515.9	6384.9	5817.7	5596.2	5617.1	5012.3
4617.9	5104.2	5017.9	4818.7	4863.2	5016.5	4293.3
3699.7	3634.2	3434.9	3448.8	3706.6	3886.4	3090.7
3022.5	2446.9	2187.8	2194.7	2644.8	2831.5	1969.0
2876.2	2314.5	1885.4	1647.0	1924.4	1853.4	1028.4
2048.4	2052.5	1702.8	1383.7	1340.5	1139.9	641.0
485.0	388.8	277.3	206.2	217.4	143.5	72.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)