

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: McGRAW-EDISON

Report Number: P158794

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P158794
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33715)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: VTS-F06-LED-E1-SLL-7030
Description: VENTUS LED SITE 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: 12157.2 lumens
Efficiency: N/A
Efficacy: 77.7 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

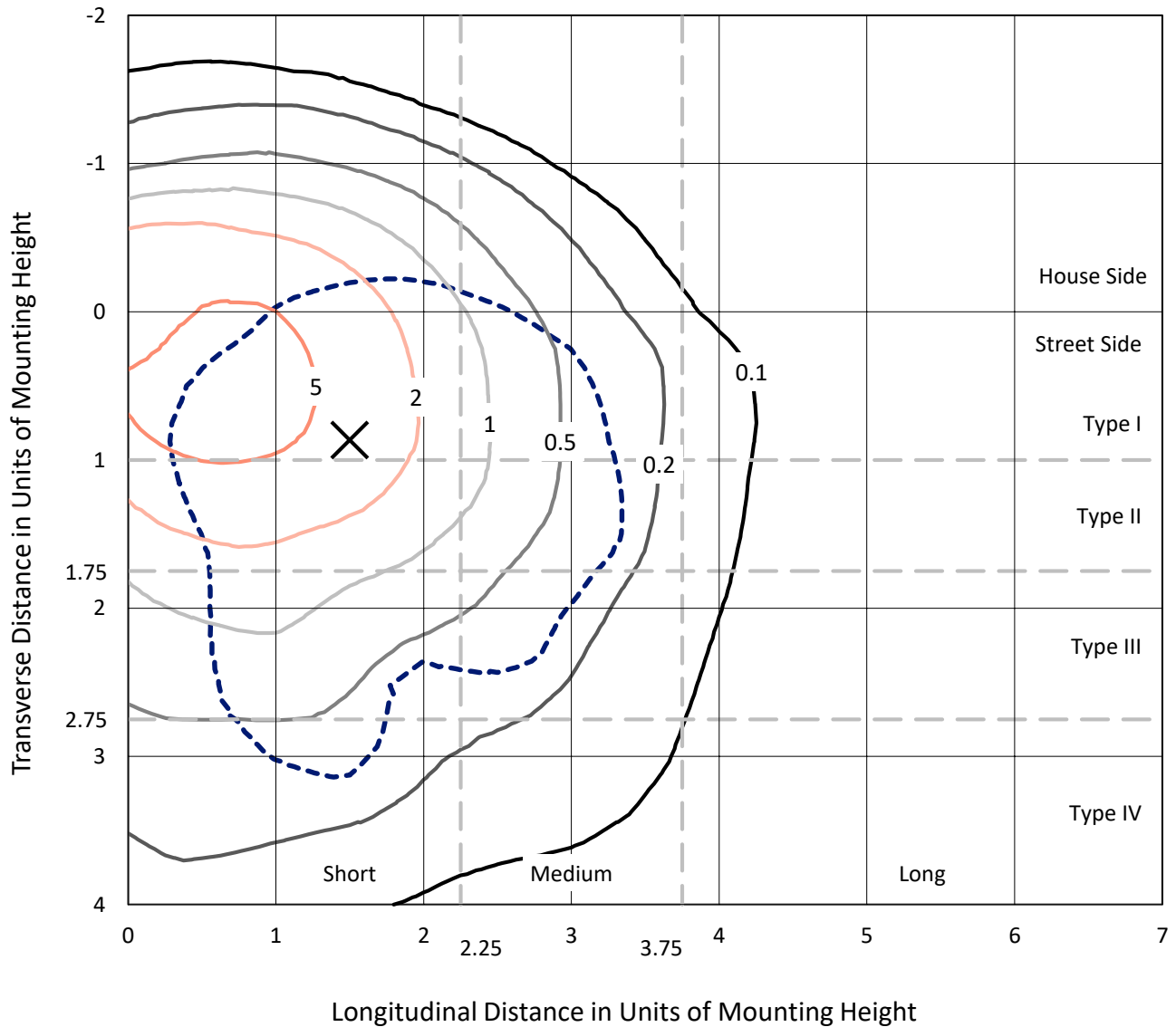
Input Watts (W): 156.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

REPORT NUMBER: P158794

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

Iso-Footcandle Lines of Horizontal Illumination

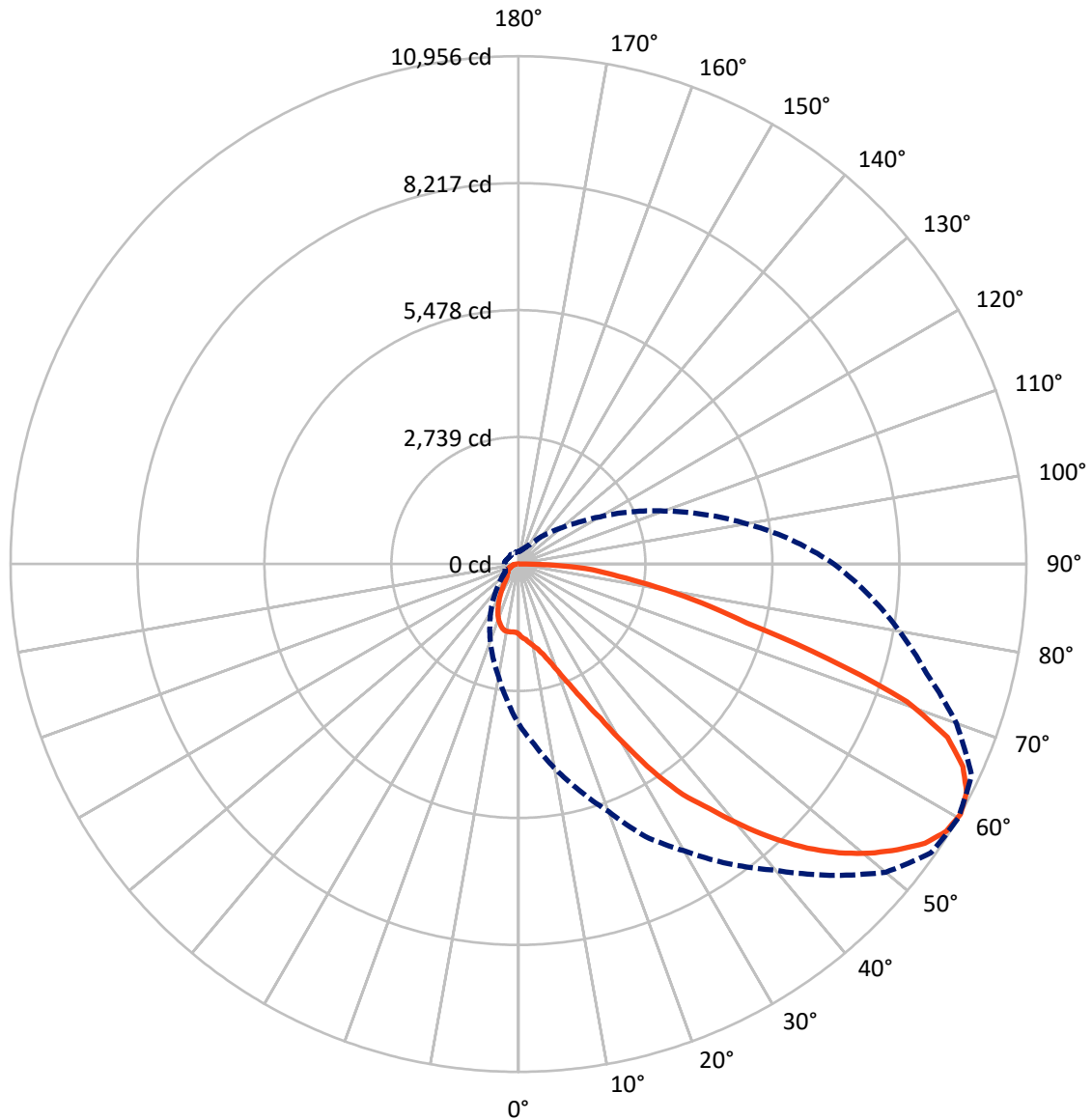
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 8.7 fc
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P158794
CATALOG NUMBER: VTS-F06-LED-E1-SLL-7030

Luminous Intensity Polar Plot



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

REPORT NUMBER: P158794

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

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2737.4	0.0	2737.4
	% Fixture	22.5	0.0	22.5
Street Side	Lumens	9419.7	0.0	9419.7
	% Fixture	77.5	0.0	77.5
Total	Lumens	12157.2	0.0	12157.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	149.2	1.2
10°-20°	481.6	4.0
20°-30°	913.9	7.5
30°-40°	1439.2	11.8
40°-50°	2008.8	16.5
50°-60°	2484.4	20.4
60°-70°	2575.2	21.2
70°-80°	1620.4	13.3
80°-90°	484.4	4.0
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°	12157.2	100.0
0°-180°	12157.2	100.0



REPORT NUMBER: P158794

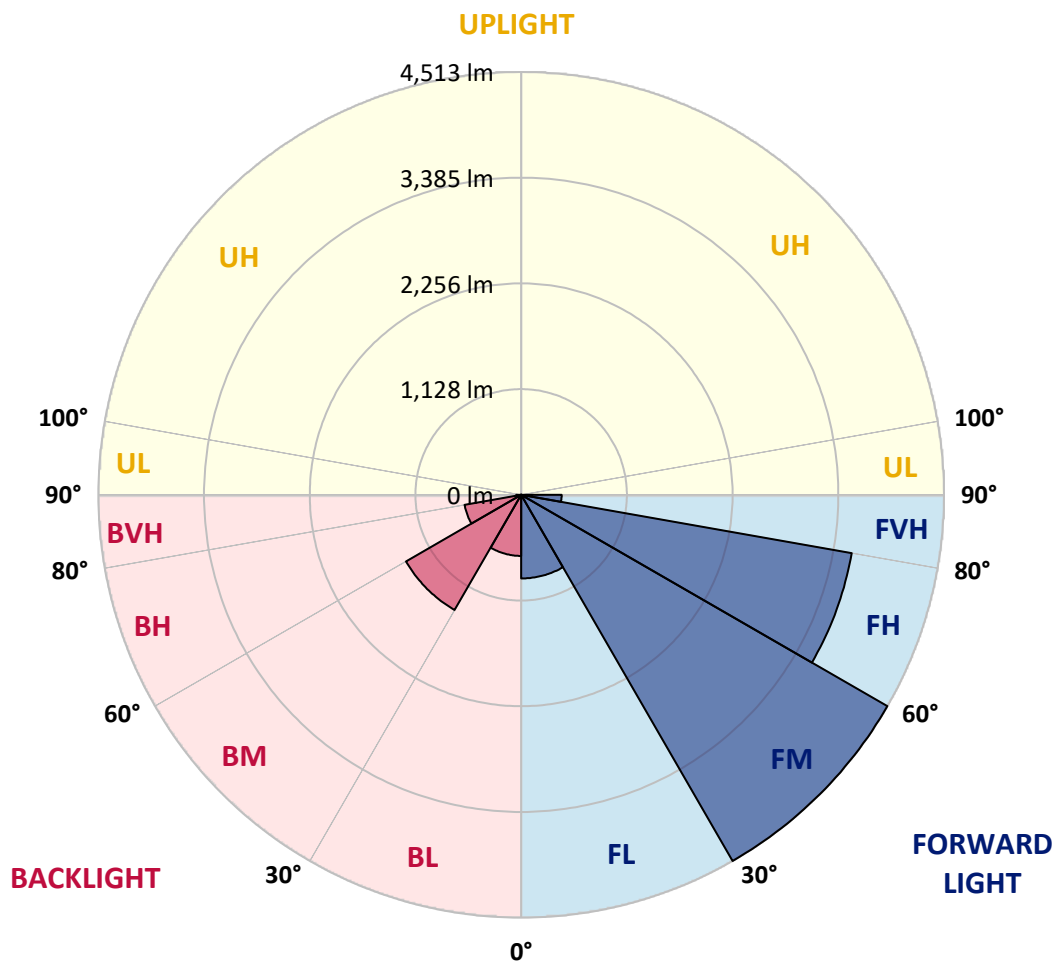
CATALOG NUMBER: VTS-F06-LED-E1-SLL-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	892.5	7.3			
FM	(30°-60°)	4512.9	37.1			
FH	(60°-80°)	3582.6	29.5			G2/5000
FVH	(80°-90°)	431.7	3.6			G3/500
BL	(0°-30°)	652.1	5.4	B2/1000		
BM	(30°-60°)	1419.5	11.7	B2/2500		
BH	(60°-80°)	613.1	5.0	B2/1000		G2/1000
BVH	(80°-90°)	52.7	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: P158794

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

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9
2.5°	1601.5	1599.7	1599.7	1599.7	1598.8	1597.0	1599.7	1598.8	1594.2	1591.5	1594.2
5°	1622.3	1623.2	1625.9	1626.8	1626.8	1629.5	1636.8	1637.7	1636.8	1638.6	1643.1
7.5°	1642.2	1646.7	1649.4	1654.0	1659.4	1663.9	1676.6	1689.2	1697.4	1703.7	1705.5
10°	1674.8	1682.0	1690.2	1701.9	1714.6	1737.2	1748.1	1760.7	1768.9	1781.5	1784.3
12.5°	1758.0	1767.1	1772.5	1790.6	1806.9	1828.6	1844.0	1847.6	1866.6	1877.4	1890.1
15°	1898.3	1911.8	1930.8	1941.7	1959.8	1978.8	1992.4	2010.4	2013.2	2027.6	2037.6
17.5°	2070.2	2089.2	2128.1	2154.3	2177.8	2196.8	2224.0	2244.8	2249.3	2265.6	2244.8
20°	2310.8	2357.0	2363.3	2415.8	2436.6	2474.6	2528.9	2538.8	2565.1	2538.8	2523.5
22.5°	2636.6	2708.9	2728.9	2779.5	2804.9	2862.8	2879.0	2932.4	2950.5	2930.6	2889.0
25°	3011.1	3123.3	3181.2	3259.1	3271.7	3390.3	3402.9	3465.4	3431.9	3383.9	3384.8
27.5°	3287.1	3478.0	3627.3	3760.3	3853.5	3987.4	4091.5	4120.4	4088.8	4026.3	4004.6
30°	3444.5	3660.8	3875.2	4058.9	4276.0	4480.5	4693.2	4799.0	4817.1	4849.7	4718.5
32.5°	3545.9	3823.7	4078.8	4305.9	4528.5	4791.8	5076.8	5349.1	5578.0	5750.9	5669.4
35°	3630.9	3973.8	4300.5	4575.5	4838.8	5125.6	5413.4	5734.6	6113.7	6335.4	6381.5
37.5°	3665.3	4084.2	4484.1	4837.0	5207.1	5530.1	5816.0	6101.9	6500.0	6895.4	7017.6
40°	3659.0	4138.5	4593.6	5037.0	5490.3	5893.8	6228.6	6567.0	7032.9	7495.3	7694.4
42.5°	3616.5	4146.7	4663.3	5170.0	5686.6	6223.2	6651.1	7041.1	7488.1	8080.7	8362.1
45°	3563.1	4118.6	4677.8	5237.8	5832.3	6453.0	6994.0	7476.3	8000.2	8585.6	8925.8
47.5°	3490.7	4074.3	4659.7	5261.4	5897.4	6600.5	7236.5	7816.5	8392.9	9066.9	9498.5
50°	3412.0	4010.9	4622.6	5244.2	5913.7	6681.0	7375.0	8035.5	8708.6	9436.1	9981.7
52.5°	3356.8	3943.1	4589.1	5208.9	5897.4	6705.4	7425.6	8153.1	8902.3	9654.1	10305.6
55°	3288.9	3852.6	4499.5	5126.6	5837.7	6691.8	7420.2	8193.8	8955.6	9738.3	10482.0
57.5°	3293.4	3811.0	4423.5	5027.9	5715.6	6566.1	7318.0	8153.1	8871.5	9684.0	10488.4
60°	3436.4	3900.6	4463.3	5047.8	5679.4	6486.5	7144.2	7890.7	8624.5	9496.7	10341.8
62.5°	3731.4	4156.6	4667.8	5246.9	5883.0	6645.7	7065.5	7454.6	8106.0	9152.0	10092.1
65°	4083.3	4467.0	4910.3	5461.3	6174.3	6904.5	7021.2	7099.9	7429.2	8481.5	9623.4
67.5°	4435.3	4778.2	5126.6	5583.5	6339.9	6978.7	6840.2	6652.9	6830.3	7702.5	8702.3
70°	4562.0	5017.1	5246.0	5559.9	6214.1	6805.8	6548.0	6076.6	6138.1	6930.7	7661.8
72.5°	4372.0	5020.7	5096.7	5213.4	5654.0	6210.5	5938.2	5331.9	5319.3	5924.6	6515.4
75°	3667.1	4580.1	4579.2	4535.7	4635.3	4951.9	4810.8	4445.2	4600.0	5076.8	5271.3
77.5°	2613.9	3573.9	3619.2	3326.9	3319.7	3462.6	3547.7	3972.9	4533.9	4801.7	4740.2
80°	1642.2	2411.3	2605.8	2244.8	2167.9	2370.6	2896.2	3515.1	4205.5	4446.1	4239.0
82.5°	988.9	1553.5	1967.9	1763.4	1745.3	2114.5	2695.4	2936.1	3143.2	3399.3	3052.8
85°	671.4	1035.1	1346.3	1387.0	1545.4	1927.2	2179.6	2072.9	2078.3	2011.4	1832.2
87.5°	128.5	282.3	461.4	562.8	624.3	838.7	912.0	826.1	872.2	637.9	697.6
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: P158794

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

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9
2.5°	1589.7	1589.7	1589.7	1585.2	1586.1	1579.8	1577.1	1577.1	1574.3	1574.3	1573.4
5°	1639.5	1634.1	1636.8	1635.9	1635.9	1626.8	1622.3	1622.3	1610.5	1611.4	1607.8
7.5°	1713.7	1712.8	1715.5	1710.1	1702.8	1695.6	1688.3	1684.7	1668.4	1658.5	1652.2
10°	1797.8	1796.9	1799.6	1798.7	1786.1	1772.5	1752.6	1738.1	1718.2	1702.8	1687.4
12.5°	1890.1	1889.2	1887.4	1879.3	1865.7	1844.0	1818.6	1794.2	1764.3	1744.4	1721.8
15°	2034.0	2031.3	2020.4	2008.6	1994.2	1960.7	1916.3	1881.1	1841.3	1806.9	1769.8
17.5°	2246.6	2224.0	2222.2	2195.9	2157.0	2112.7	2071.1	2012.3	1955.3	1903.7	1853.0
20°	2539.8	2487.3	2472.8	2442.9	2391.4	2345.2	2254.7	2176.0	2098.2	2027.6	1963.4
22.5°	2859.1	2821.1	2785.9	2737.0	2666.4	2599.5	2484.6	2385.9	2286.4	2195.9	2124.5
25°	3305.2	3239.2	3175.8	3098.0	3000.3	2920.7	2789.5	2689.9	2559.7	2477.3	2374.2
27.5°	3881.6	3768.5	3661.7	3594.7	3422.8	3307.0	3139.6	3011.1	2853.7	2742.4	2620.3
30°	4631.6	4500.4	4342.1	4110.5	3906.0	3676.2	3469.0	3304.3	3136.9	2981.3	2840.1
32.5°	5561.8	5330.1	5079.5	4712.2	4376.5	4048.9	3773.0	3570.3	3399.3	3205.7	3006.6
35°	6348.0	6109.2	5753.6	5286.7	4872.3	4497.7	4167.5	3890.6	3667.1	3421.9	3158.6
37.5°	6968.7	6696.4	6362.5	5866.7	5428.8	5002.6	4656.1	4303.2	4010.0	3672.6	3339.6
40°	7679.9	7406.6	7039.3	6525.4	6006.9	5544.6	5138.3	4773.7	4413.6	4001.9	3573.9
42.5°	8299.7	8102.4	7730.5	7199.4	6624.9	6110.1	5665.8	5248.7	4778.2	4317.7	3811.0
45°	8945.7	8744.8	8391.9	7836.4	7225.7	6652.0	6120.9	5672.1	5116.6	4568.3	3988.3
47.5°	9516.6	9310.3	8953.8	8401.9	7753.2	7148.8	6564.3	6021.4	5376.3	4746.5	4104.1
50°	10061.3	9808.9	9482.2	8932.1	8239.0	7593.0	6958.8	6262.1	5578.0	4871.4	4182.9
52.5°	10561.6	10240.4	9931.0	9364.6	8615.4	7940.5	7232.9	6466.5	5702.0	4970.0	4236.2
55°	10845.7	10638.5	10268.5	9712.0	8883.2	8179.3	7406.6	6610.4	5825.1	5039.7	4258.9
57.5°	10933.5	10882.8	10572.5	9912.9	9040.7	8310.5	7524.3	6724.4	5907.4	5059.6	4227.2
60°	10863.8	10956.1	10786.0	10054.1	9112.2	8349.4	7582.2	6805.8	5921.9	4996.3	4131.3
62.5°	10640.4	10850.3	10828.6	10101.1	9075.1	8300.6	7575.8	6764.2	5786.1	4799.0	3915.9
65°	10273.0	10537.2	10630.4	9926.5	8866.1	8122.3	7414.8	6502.7	5408.8	4413.6	3554.9
67.5°	9581.7	9981.7	10072.1	9354.6	8319.6	7629.2	6950.6	5959.9	4710.3	3817.3	2991.2
70°	8196.5	8895.9	9018.1	8265.3	7356.0	6749.7	6174.3	5099.4	3922.3	3061.8	2295.5
72.5°	6543.5	6983.2	7232.9	6714.5	6037.7	5597.9	5161.8	3912.3	2959.6	2259.3	1579.8
75°	5115.7	5089.5	5312.9	4968.2	4570.1	4364.7	4037.2	2729.8	1982.4	1496.5	999.8
77.5°	4373.8	4037.2	3782.9	3540.5	3304.3	3239.2	2925.2	1693.8	1225.1	896.6	598.1
80°	3635.5	3021.1	2556.9	2215.8	2131.7	2260.2	1914.5	998.9	725.6	514.8	375.5
82.5°	2597.7	2173.3	1768.9	1552.6	1408.8	1613.2	1129.2	554.6	393.6	308.5	248.8
85°	1683.8	1609.6	1592.4	1521.9	1347.2	1272.1	857.7	477.7	295.0	191.8	154.7
87.5°	647.8	830.6	958.2	1026.9	1110.2	988.9	447.0	164.7	162.0	99.5	75.1
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: P158794

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

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9
2.5°	1567.1	1563.5	1562.6	1559.9	1558.1	1558.1	1553.5	1471.2	1470.3	1470.3	1469.4
5°	1600.6	1596.1	1591.5	1590.6	1587.0	1587.0	1582.5	1500.1	1500.1	1500.1	1498.3
7.5°	1645.8	1636.8	1631.3	1628.6	1623.2	1625.9	1629.5	1546.3	1547.2	1546.3	1548.1
10°	1678.4	1673.0	1666.6	1664.8	1661.2	1663.9	1669.3	1587.0	1589.7	1590.6	1592.4
12.5°	1710.1	1701.0	1692.9	1690.2	1688.3	1695.6	1701.9	1622.3	1625.0	1627.7	1627.7
15°	1749.0	1733.6	1722.7	1716.4	1712.8	1720.0	1729.1	1650.3	1651.2	1654.0	1653.1
17.5°	1815.0	1792.4	1767.1	1762.5	1750.8	1753.5	1755.3	1667.5	1663.9	1657.6	1646.7
20°	1917.3	1882.9	1848.5	1834.0	1810.5	1800.5	1780.6	1668.4	1645.8	1626.8	1610.5
22.5°	2063.8	2013.2	1976.1	1951.6	1903.7	1870.2	1815.9	1663.9	1621.4	1588.8	1563.5
25°	2300.9	2240.3	2183.3	2121.7	2046.6	1979.7	1900.1	1703.7	1637.7	1581.6	1532.7
27.5°	2531.6	2435.7	2347.9	2255.6	2149.8	2049.4	1937.2	1716.4	1641.3	1568.9	1489.3
30°	2704.4	2565.1	2432.1	2297.3	2158.8	2028.5	1901.9	1673.0	1583.4	1502.0	1417.8
32.5°	2809.4	2628.4	2455.6	2288.2	2125.4	1978.8	1836.7	1597.9	1499.2	1403.3	1313.8
35°	2908.9	2684.5	2470.1	2272.8	2086.5	1923.6	1770.7	1510.1	1392.5	1290.2	1177.1
37.5°	3032.0	2743.3	2479.1	2244.8	2029.4	1843.1	1674.8	1399.7	1282.1	1156.3	1049.6
40°	3179.4	2804.0	2470.1	2188.7	1940.8	1737.2	1559.0	1283.9	1152.7	1030.6	925.6
42.5°	3319.7	2857.3	2446.6	2113.6	1844.0	1626.8	1453.1	1180.8	1049.6	924.7	820.6
45°	3423.7	2902.6	2434.8	2061.1	1769.8	1551.7	1359.9	1097.5	959.1	833.3	727.5
47.5°	3496.1	2929.7	2429.4	2032.2	1718.2	1473.9	1274.9	1014.3	868.6	741.9	638.8
50°	3534.1	2928.8	2415.8	2000.5	1642.2	1380.7	1187.1	930.1	785.4	661.4	567.3
52.5°	3544.1	2912.5	2386.8	1942.6	1549.9	1287.5	1093.0	842.4	712.1	593.5	498.5
55°	3521.5	2872.7	2326.2	1845.8	1451.3	1188.9	1007.0	773.6	640.6	528.4	454.2
57.5°	3457.2	2802.1	2212.2	1712.8	1347.2	1097.5	908.4	690.4	562.8	468.7	407.2
60°	3337.8	2652.9	2034.0	1555.3	1215.1	958.2	772.7	581.8	480.4	409.9	360.1
62.5°	3117.0	2418.5	1783.3	1338.2	1025.1	777.2	617.1	464.2	388.2	342.0	311.2
65°	2761.4	2065.6	1492.9	1054.1	779.0	565.5	458.7	349.2	294.1	266.0	257.0
67.5°	2253.8	1595.1	1085.8	732.0	527.5	396.3	319.4	255.2	228.9	218.1	214.4
70°	1638.6	1086.7	703.0	462.3	348.3	276.9	241.6	205.4	190.9	188.2	188.2
72.5°	1028.7	660.5	430.7	316.7	264.2	224.4	206.3	181.0	175.5	173.7	171.0
75°	603.5	400.8	304.9	259.7	226.2	200.9	185.5	164.7	161.1	160.1	157.4
77.5°	384.5	288.6	246.1	221.7	204.5	181.9	168.3	146.6	145.7	144.8	143.9
80°	276.0	239.8	215.3	196.3	179.1	158.3	150.2	133.0	131.2	130.3	132.1
82.5°	209.0	198.1	188.2	173.7	150.2	134.8	128.5	116.7	117.6	113.1	112.2
85°	143.9	142.1	141.1	134.8	117.6	104.1	99.5	93.2	97.7	93.2	87.8
87.5°	70.6	69.7	64.2	76.0	70.6	56.1	50.7	56.1	62.4	60.6	56.1
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: P158794

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

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9
2.5°	1465.8	1462.1	1464.9	1463.0	1463.0	1462.1	1464.0	1461.2	1459.4	1461.2	1462.1
5°	1494.7	1490.2	1491.1	1484.8	1487.5	1481.1	1483.0	1478.4	1473.9	1472.1	1472.1
7.5°	1543.6	1539.1	1533.6	1532.7	1522.8	1519.1	1512.8	1509.2	1506.5	1500.1	1496.5
10°	1587.9	1580.7	1574.3	1573.4	1563.5	1554.4	1546.3	1539.1	1534.5	1525.5	1521.0
12.5°	1624.1	1616.9	1606.9	1601.5	1591.5	1580.7	1575.2	1564.4	1558.1	1548.1	1540.0
15°	1644.9	1632.2	1617.8	1607.8	1593.3	1581.6	1573.4	1565.3	1559.0	1546.3	1534.5
17.5°	1635.0	1614.1	1594.2	1576.1	1556.2	1545.4	1533.6	1523.7	1521.9	1507.4	1489.3
20°	1593.3	1568.9	1542.7	1518.2	1492.0	1476.6	1462.1	1446.8	1442.2	1425.0	1401.5
22.5°	1542.7	1514.6	1484.8	1454.9	1421.4	1399.7	1378.0	1359.0	1343.6	1318.3	1284.8
25°	1491.1	1449.5	1406.0	1368.0	1329.1	1302.0	1279.4	1258.6	1240.5	1199.8	1165.4
27.5°	1423.2	1358.1	1313.8	1270.3	1223.3	1188.0	1162.7	1133.7	1113.8	1066.7	1030.6
30°	1336.4	1271.2	1207.9	1164.5	1117.4	1079.4	1046.8	1005.2	976.3	941.9	908.4
32.5°	1226.9	1161.8	1097.5	1048.7	1009.7	962.7	922.0	882.2	848.7	815.2	789.0
35°	1093.9	1030.6	969.9	921.1	877.6	840.6	801.6	767.3	729.3	693.1	677.7
37.5°	953.7	885.8	818.8	776.3	741.9	715.7	679.5	651.5	617.1	595.4	577.3
40°	831.5	759.1	695.8	659.6	632.4	602.6	572.7	551.0	526.6	504.9	491.3
42.5°	728.4	660.5	606.2	575.4	542.9	510.3	487.7	469.6	454.2	437.9	421.6
45°	633.4	568.2	523.0	485.0	457.8	431.6	416.2	408.1	399.0	389.1	378.2
47.5°	553.7	497.6	453.3	418.0	390.0	371.9	364.6	361.9	358.3	350.2	344.7
50°	493.1	447.0	401.7	370.1	346.5	337.5	329.3	326.6	322.1	319.4	315.8
52.5°	442.4	393.6	355.6	326.6	312.2	308.5	304.9	301.3	300.4	298.6	296.8
55°	400.8	358.3	323.0	301.3	294.1	291.3	290.4	286.8	285.9	285.9	283.2
57.5°	363.7	327.5	295.9	282.3	277.8	275.1	273.2	271.4	271.4	273.2	272.3
60°	325.7	295.0	276.0	268.7	266.0	261.5	257.0	255.2	256.1	260.6	260.6
62.5°	288.6	266.0	254.2	251.5	248.8	245.2	239.8	238.0	239.8	245.2	247.9
65°	247.9	238.0	234.3	232.5	230.7	228.0	224.4	222.6	223.5	226.2	229.8
67.5°	210.8	209.9	209.9	210.8	209.9	209.0	207.2	204.5	203.6	203.6	205.4
70°	188.2	188.2	190.9	190.9	190.0	190.0	187.3	184.6	182.8	181.0	181.9
72.5°	171.0	171.0	171.9	172.8	171.9	171.9	168.3	166.5	162.0	161.1	159.2
75°	156.5	154.7	154.7	153.8	152.9	153.8	150.2	145.7	143.9	143.0	141.1
77.5°	142.1	138.4	136.6	134.8	135.7	134.8	132.1	129.4	126.7	125.8	124.9
80°	125.8	120.3	117.6	113.1	115.8	116.7	114.9	112.2	111.3	110.4	109.5
82.5°	104.1	98.6	95.0	92.3	90.5	92.3	95.0	101.3	99.5	98.6	96.8
85°	81.4	72.4	67.9	68.8	64.2	65.1	73.3	76.9	76.9	78.7	76.9
87.5°	46.1	44.3	33.5	30.8	32.6	38.9	43.4	48.0	48.0	45.2	50.7
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: P158794

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

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9
2.5°	1462.1	1464.0	1464.9	1468.5	1470.3	1471.2	1472.1	1473.9	1474.8	1473.9	1478.4
5°	1469.4	1469.4	1467.6	1470.3	1471.2	1471.2	1469.4	1471.2	1471.2	1471.2	1475.7
7.5°	1488.4	1483.0	1480.2	1476.6	1473.9	1470.3	1465.8	1465.8	1464.9	1465.8	1468.5
10°	1508.3	1500.1	1490.2	1481.1	1473.0	1466.7	1458.5	1455.8	1454.9	1454.0	1461.2
12.5°	1523.7	1509.2	1493.8	1478.4	1462.1	1451.3	1437.7	1429.6	1428.7	1428.7	1437.7
15°	1512.8	1489.3	1459.4	1432.3	1417.8	1402.4	1387.0	1377.1	1376.2	1378.0	1383.4
17.5°	1458.5	1420.5	1394.3	1368.0	1349.0	1336.4	1326.4	1324.6	1328.2	1324.6	1331.9
20°	1366.2	1325.5	1307.4	1286.6	1279.4	1270.3	1255.9	1243.2	1243.2	1226.9	1231.4
22.5°	1246.8	1224.2	1200.7	1184.4	1178.9	1163.6	1148.2	1131.0	1129.2	1109.3	1106.6
25°	1121.9	1099.3	1080.3	1076.7	1060.4	1039.6	1025.1	1005.2	1000.7	980.8	978.1
27.5°	994.4	976.3	957.3	946.4	937.4	914.7	902.1	878.6	869.5	847.8	845.1
30°	873.1	860.5	837.8	828.8	811.6	785.4	758.2	743.7	736.5	713.9	706.6
32.5°	759.1	739.2	722.0	711.2	689.5	659.6	635.2	614.4	600.8	573.6	566.4
35°	650.5	630.6	622.5	594.4	575.4	555.5	522.1	509.4	485.0	464.2	456.9
37.5°	554.6	535.6	524.8	501.3	482.3	462.3	442.4	426.2	414.4	409.9	409.9
40°	472.3	462.3	448.8	431.6	418.9	404.4	393.6	388.2	387.3	389.1	393.6
42.5°	413.5	402.6	393.6	384.5	375.5	373.7	371.0	374.6	379.1	383.6	388.2
45°	369.2	360.1	354.7	351.1	350.2	352.9	358.3	363.7	371.9	377.3	380.9
47.5°	337.5	330.2	328.4	327.5	332.1	340.2	347.4	355.6	361.9	367.3	371.0
50°	310.3	304.0	303.1	302.2	308.5	315.8	322.1	333.0	337.5	341.1	343.8
52.5°	291.3	285.9	283.2	284.1	290.4	296.8	305.8	314.0	320.3	323.0	325.7
55°	276.0	274.2	267.8	270.5	276.9	285.0	294.1	303.1	309.4	314.0	318.5
57.5°	264.2	259.7	255.2	259.7	266.0	274.2	285.0	293.2	301.3	307.6	312.2
60°	251.5	247.9	244.3	248.8	255.2	263.3	271.4	282.3	292.2	298.6	303.1
62.5°	240.7	238.0	234.3	235.2	238.0	243.4	247.9	257.9	266.9	275.1	280.5
65°	225.3	224.4	219.0	219.9	221.7	227.1	230.7	239.8	248.8	256.1	260.6
67.5°	202.7	200.9	200.9	203.6	204.5	207.2	209.9	219.0	226.2	231.6	237.1
70°	180.1	179.1	179.1	181.0	180.1	182.8	186.4	194.5	203.6	209.0	214.4
72.5°	158.3	158.3	157.4	159.2	159.2	160.1	164.7	171.9	180.1	184.6	188.2
75°	139.3	138.4	138.4	138.4	139.3	139.3	143.9	150.2	158.3	161.1	166.5
77.5°	122.1	122.1	122.1	122.1	123.1	122.1	124.9	129.4	132.1	136.6	136.6
80°	107.7	106.8	107.7	108.6	108.6	107.7	107.7	108.6	109.5	109.5	109.5
82.5°	95.0	92.3	94.1	98.6	98.6	98.6	97.7	91.4	86.9	86.9	88.7
85°	76.0	76.0	76.9	83.2	84.1	80.5	84.1	75.1	66.0	63.3	65.1
87.5°	47.0	37.1	45.2	51.6	51.6	48.9	54.3	50.7	42.5	34.4	32.6
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: P158794
 CATALOG NUMBER: VTS-F06-LED-E1-SLL-7030

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9	0°
2.5°	1482.0	1483.0	1488.4	1491.1	1491.1	1494.7	1496.5	1502.0	1501.1	1501.1	1502.9	2.5°
5°	1480.2	1483.0	1488.4	1492.0	1493.8	1498.3	1502.0	1508.3	1507.4	1509.2	1510.1	5°
7.5°	1473.9	1481.1	1486.6	1493.8	1500.1	1503.8	1508.3	1513.7	1511.9	1512.8	1511.9	7.5°
10°	1468.5	1475.7	1486.6	1496.5	1505.6	1511.0	1513.7	1520.1	1519.1	1521.0	1521.0	10°
12.5°	1446.8	1459.4	1473.0	1488.4	1502.0	1516.4	1525.5	1539.1	1545.4	1553.5	1562.6	12.5°
15°	1391.6	1406.0	1427.8	1445.0	1471.2	1491.1	1517.3	1543.6	1567.1	1589.7	1616.0	15°
17.5°	1337.3	1343.6	1360.8	1384.3	1407.9	1437.7	1469.4	1516.4	1559.0	1605.1	1655.8	17.5°
20°	1236.9	1247.7	1259.5	1287.5	1315.6	1358.1	1397.0	1458.5	1521.0	1593.3	1671.2	20°
22.5°	1112.9	1123.8	1136.4	1168.1	1202.5	1245.9	1292.9	1361.7	1445.0	1539.1	1643.1	22.5°
25°	979.0	985.3	995.3	1026.9	1047.7	1104.8	1161.8	1233.2	1323.7	1445.0	1566.2	25°
27.5°	831.5	843.3	851.4	865.9	913.8	962.7	1022.4	1099.3	1208.8	1332.8	1479.3	27.5°
30°	690.4	700.3	695.8	726.5	758.2	809.8	874.0	959.1	1064.0	1211.5	1380.7	30°
32.5°	551.9	559.2	556.4	578.2	609.8	661.4	722.0	814.3	925.6	1083.0	1266.7	32.5°
35°	455.1	456.9	466.9	476.8	504.0	545.6	597.2	677.7	791.7	936.5	1131.0	35°
37.5°	409.9	413.5	419.8	433.4	453.3	483.2	525.7	588.1	685.8	813.4	987.1	37.5°
40°	396.3	399.0	402.6	411.7	430.7	456.9	494.9	547.4	618.9	726.5	867.7	40°
42.5°	390.0	390.0	390.0	395.4	409.9	437.9	481.3	532.9	595.4	676.8	790.8	42.5°
45°	380.9	380.9	380.0	382.7	392.7	420.7	467.8	525.7	592.6	670.5	769.1	45°
47.5°	371.0	370.1	367.3	367.3	373.7	401.7	450.6	513.0	586.3	675.9	781.7	47.5°
50°	343.8	343.8	343.8	346.5	352.0	377.3	429.8	495.8	580.0	679.5	801.6	50°
52.5°	328.4	329.3	332.1	332.1	337.5	363.7	418.9	492.2	583.6	693.1	827.0	52.5°
55°	321.2	323.9	326.6	326.6	331.2	358.3	415.3	494.9	597.2	721.1	870.4	55°
57.5°	314.9	317.6	319.4	319.4	323.0	346.5	405.3	490.4	605.3	748.3	923.8	57.5°
60°	303.1	304.9	305.8	305.8	306.7	326.6	382.7	468.7	587.2	746.5	952.7	60°
62.5°	281.4	285.0	285.9	286.8	286.8	305.8	353.8	433.4	548.3	719.3	944.6	62.5°
65°	265.1	266.9	269.6	271.4	275.1	287.7	325.7	390.9	497.6	665.0	899.4	65°
67.5°	239.8	242.5	245.2	248.8	252.4	260.6	290.4	342.9	428.9	572.7	798.0	67.5°
70°	217.2	218.1	220.8	225.3	226.2	230.7	252.4	288.6	351.1	459.6	642.4	70°
72.5°	189.1	190.9	194.5	200.0	200.0	203.6	216.2	235.2	275.1	351.1	474.1	72.5°
75°	164.7	166.5	169.2	169.2	164.7	165.6	174.6	188.2	218.1	264.2	345.6	75°
77.5°	136.6	140.2	143.0	137.5	135.7	138.4	143.0	152.9	174.6	209.9	259.7	77.5°
80°	113.1	114.9	115.8	116.7	114.9	117.6	121.2	127.6	142.1	169.2	205.4	80°
82.5°	90.5	92.3	95.0	98.6	98.6	108.6	109.5	109.5	117.6	134.8	161.1	82.5°
85°	67.0	70.6	74.2	78.7	79.6	85.1	82.3	81.4	84.1	100.4	111.3	85°
87.5°	34.4	37.1	38.9	42.5	38.0	39.8	39.8	37.1	32.6	40.7	45.2	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: P158794

NUMBER: VTS-F06-LED-E1-SLL-7030

DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
1511.9	1511.9	1511.9	1511.9	1511.9	1511.9	1511.9
1504.7	1502.9	1504.7	1504.7	1507.4	1505.6	1601.5
1511.9	1510.1	1511.9	1513.7	1516.4	1516.4	1622.3
1512.8	1512.8	1511.0	1515.5	1519.1	1522.8	1642.2
1523.7	1523.7	1525.5	1526.4	1534.5	1543.6	1674.8
1568.0	1572.5	1580.7	1583.4	1597.9	1607.8	1758.0
1635.9	1661.2	1677.5	1682.9	1695.6	1714.6	1898.3
1704.6	1747.2	1791.5	1818.6	1834.9	1857.5	2070.2
1756.2	1835.8	1911.8	1979.7	2018.6	2062.9	2310.8
1760.7	1887.4	2015.9	2141.6	2245.7	2328.0	2636.6
1717.3	1883.8	2061.1	2253.8	2433.0	2581.4	3011.1
1662.1	1866.6	2092.8	2338.9	2574.1	2793.1	3287.1
1592.4	1837.6	2098.2	2375.1	2651.0	2914.3	3444.5
1486.6	1751.7	2033.1	2338.9	2659.2	2979.5	3545.9
1350.9	1621.4	1910.0	2258.4	2621.2	3005.7	3630.9
1212.4	1479.3	1789.7	2150.7	2560.6	3001.2	3665.3
1065.8	1330.9	1648.5	2035.8	2478.2	2959.6	3659.0
966.3	1207.9	1519.1	1919.1	2386.8	2904.4	3616.5
908.4	1120.1	1416.9	1812.3	2303.6	2838.3	3563.1
907.5	1093.9	1362.6	1736.3	2219.5	2765.0	3490.7
939.2	1110.2	1356.3	1703.7	2173.3	2711.7	3412.0
976.3	1155.4	1389.8	1715.5	2172.4	2688.1	3356.8
1035.1	1232.3	1463.0	1766.2	2195.9	2684.5	3288.9
1110.2	1336.4	1595.1	1891.0	2287.3	2756.0	3293.4
1187.1	1458.5	1768.0	2104.5	2467.4	2922.5	3436.4
1215.1	1552.6	1943.5	2355.2	2737.0	3172.2	3731.4
1190.7	1574.3	2050.3	2549.7	2999.4	3464.4	4083.3
1100.2	1486.6	2006.8	2604.9	3150.5	3671.6	4435.3
905.7	1268.5	1809.6	2480.9	3138.7	3714.2	4562.0
664.1	983.5	1471.2	2108.2	2790.4	3448.2	4372.0
479.5	695.8	1062.2	1587.9	2205.9	2776.8	3667.1
343.8	482.3	689.5	1043.2	1502.9	1933.5	2613.9
247.0	327.5	429.8	626.1	915.6	1187.1	1642.2
181.9	224.4	282.3	389.1	539.3	691.3	988.9
124.0	132.1	170.1	229.8	353.8	508.5	671.4
47.0	53.4	62.4	94.1	158.3	181.9	128.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)