

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: P181013

Luminaire Tested: **ICM-F06-LED-E1-SLL**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181013
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: ICM-F06-LED-E1-SLL
Description: ICON SITE MEDIUM LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (42) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12820.5 lumens
Efficiency: N/A
Efficacy: 81.9 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1' x L: 1' x H: 0.1')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B2 - U0 - G3

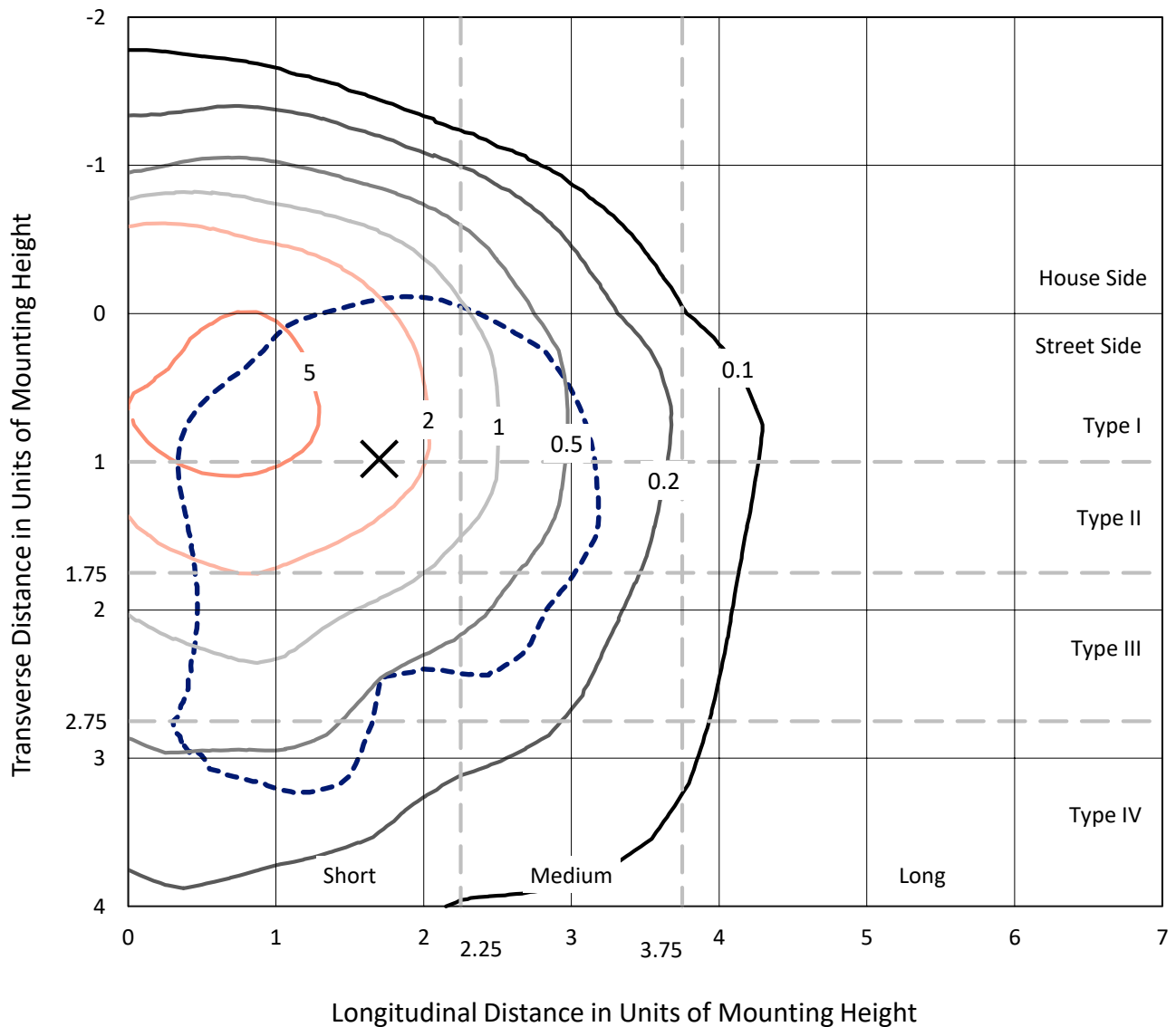
Input Watts (W): 156.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

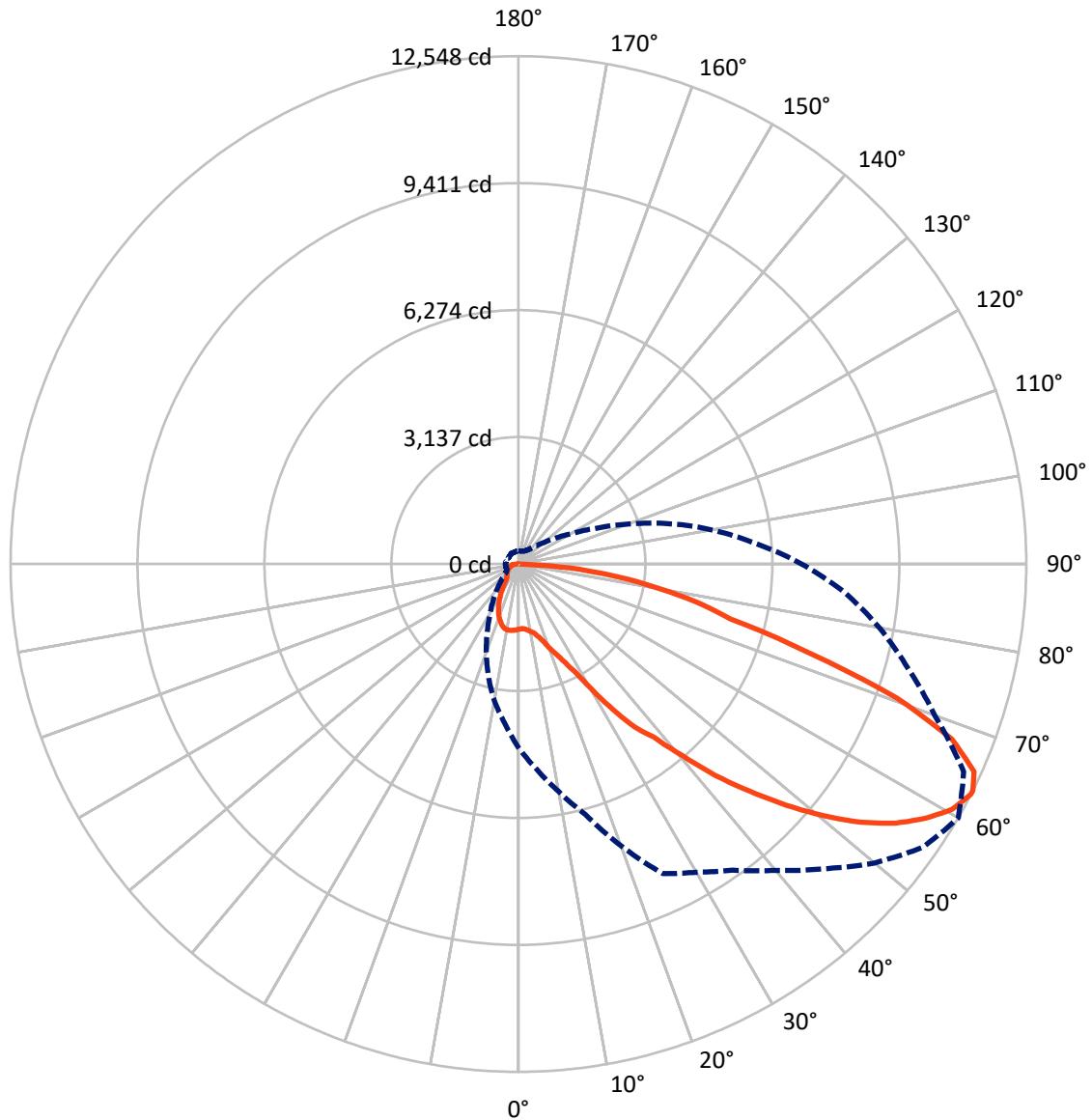
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 8 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 60-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2780.1	0.0	2780.1
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	10040.4	0.0	10040.4
	% Fixture	78.3	0.0	78.3
Total	Lumens	12820.5	0.0	12820.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	156.8	1.2
10°-20°	488.4	3.8
20°-30°	867.8	6.8
30°-40°	1366.5	10.7
40°-50°	2011.0	15.7
50°-60°	2671.3	20.8
60°-70°	2942.4	23.0
70°-80°	1846.0	14.4
80°-90°	470.2	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°	12820.5	100.0
0°-180°	12820.5	100.0



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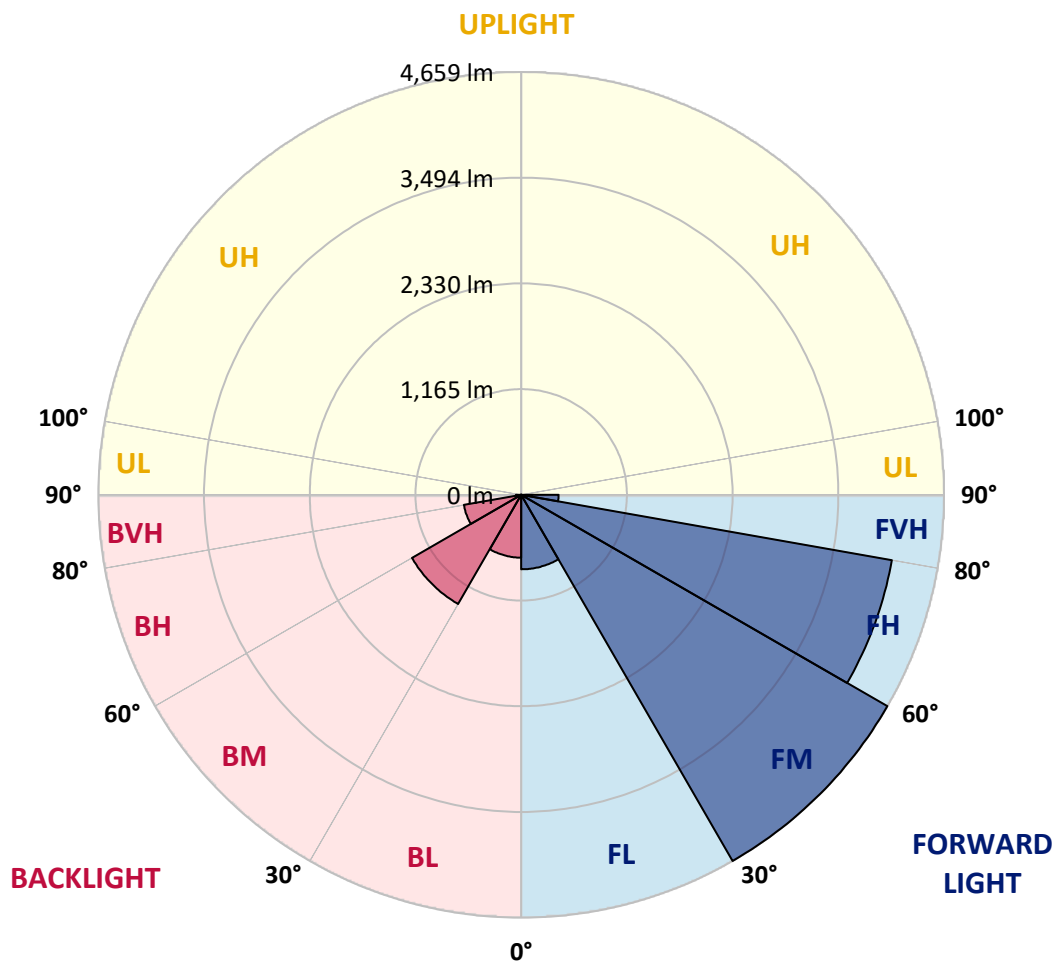
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	820.9	6.4			
FM (30°-60°)	4659.3	36.3			
FH (60°-80°)	4147.6	32.4			G2/5000
FVH (80°-90°)	412.6	3.2			G3/500
BL (0°-30°)	692.1	5.4	B2/1000		
BM (30°-60°)	1389.5	10.8	B2/2500		
BH (60°-80°)	640.8	5.0	B2/1000		G2/1000
BVH (80°-90°)	57.6	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°	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2
2.5°	1589.6	1592.7	1592.7	1591.2	1591.2	1594.2	1592.7	1591.2	1586.5	1592.7	1592.7
5°	1577.3	1580.4	1580.4	1583.5	1586.5	1589.6	1589.6	1592.7	1591.2	1597.3	1601.9
7.5°	1592.7	1595.7	1601.9	1609.6	1614.2	1624.9	1624.9	1632.7	1635.7	1640.3	1638.8
10°	1612.7	1620.4	1634.1	1646.4	1655.6	1667.9	1677.1	1687.9	1687.9	1692.6	1695.6
12.5°	1648.0	1655.6	1671.0	1686.4	1700.2	1715.5	1729.4	1740.1	1750.9	1754.0	1760.1
15°	1706.3	1715.5	1738.6	1760.1	1777.0	1796.9	1815.4	1836.9	1856.8	1861.5	1864.6
17.5°	1793.9	1812.3	1829.2	1867.6	1892.2	1918.3	1947.5	1978.2	1984.4	2016.6	2024.3
20°	1918.3	1941.3	1956.7	2004.3	2045.8	2079.5	2122.6	2157.9	2171.7	2202.4	2233.1
22.5°	2133.3	2128.8	2151.7	2199.4	2230.1	2297.7	2334.5	2371.4	2389.8	2435.9	2460.5
25°	2422.1	2446.6	2497.3	2502.0	2531.1	2609.4	2657.0	2693.9	2695.5	2709.3	2735.4
27.5°	2706.2	2807.6	2887.5	2930.4	3008.8	3080.9	3077.9	3130.1	3048.7	3065.6	3090.2
30°	3050.3	3219.2	3369.7	3471.1	3550.9	3635.4	3676.9	3706.1	3670.7	3655.4	3626.2
32.5°	3372.8	3609.3	3841.2	4020.9	4169.9	4309.6	4401.8	4443.3	4492.4	4616.9	4661.3
35°	3594.0	3928.8	4217.5	4477.1	4725.9	4948.6	5109.8	5202.0	5166.6	5149.8	5140.6
37.5°	3726.0	4134.5	4495.5	4862.5	5148.2	5481.5	5731.8	5974.5	6029.8	5933.1	5885.4
40°	3809.0	4292.8	4756.6	5189.7	5559.8	5989.9	6300.1	6664.1	6940.6	6977.4	6863.8
42.5°	3848.9	4398.7	4939.4	5429.3	5930.0	6456.8	6850.0	7290.7	7704.0	7988.0	7917.4
45°	3855.0	4467.8	5073.0	5645.9	6241.8	6866.8	7373.7	7862.1	8415.0	8901.9	8915.7
47.5°	3855.0	4520.0	5165.1	5802.5	6521.3	7223.2	7776.1	8353.6	9030.9	9606.8	9783.5
50°	3858.1	4555.4	5251.1	5925.4	6734.8	7524.2	8149.4	8831.2	9543.9	10170.6	10511.5
52.5°	3871.9	4581.5	5318.7	6013.0	6873.0	7736.1	8439.6	9226.0	9935.5	10579.0	11019.9
55°	3902.6	4618.4	5367.8	6066.6	6965.2	7874.4	8650.0	9496.2	10189.0	10841.7	11457.6
57.5°	3988.7	4682.9	5427.8	6114.3	7015.9	7965.0	8797.4	9613.0	10285.7	10966.1	11689.5
60°	4160.7	4819.6	5530.6	6209.5	7100.3	8132.4	8868.1	9534.7	10215.0	10929.3	11741.7
62.5°	4435.6	5033.1	5673.5	6370.8	7341.4	8392.0	8814.4	9301.3	9937.1	10715.8	11555.9
63°	4530.8	5079.1	5705.8	6406.1	7407.5	8439.6	8791.3	9232.1	9880.2	10648.2	11489.8
65°	4796.5	5283.4	5859.4	6584.3	7679.3	8487.2	8611.6	8872.7	9487.0	10262.7	11099.7
67.5°	5292.6	5779.5	6189.5	6885.3	7908.2	8299.9	8054.1	8086.4	8728.3	9531.6	10284.2
70°	5605.9	6186.5	6399.9	6923.7	7866.7	8021.8	7332.2	6905.3	7419.8	8335.1	8994.0
72.5°	5524.5	6191.1	6168.0	6412.2	7037.3	7181.7	6467.6	5794.8	6100.5	6783.9	7210.9
75°	4732.0	5529.2	5360.2	5311.0	5530.6	5625.9	5089.9	4987.0	5372.5	5751.8	5758.0
77.5°	3406.5	4283.6	4085.4	3801.2	3785.9	4005.5	4077.7	4751.9	5321.8	5621.2	5489.2
80°	2170.2	3120.9	2915.1	2419.0	2411.3	2696.9	3331.3	4248.2	4851.8	5019.2	4675.2
82.5°	1133.5	2042.7	2121.0	1815.4	2078.1	2551.1	3170.1	3423.5	3652.3	3675.4	3269.9
85°	706.5	1256.4	1477.5	1525.1	1876.8	2262.3	2257.7	2168.7	2067.3	1769.3	1600.4
87.5°	79.9	158.2	239.6	227.4	305.7	428.5	534.5	313.3	219.6	79.9	110.6
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°	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2
2.5°	1595.7	1597.3	1598.8	1598.8	1606.5	1604.9	1606.5	1609.6	1614.2	1617.3	1620.4
5°	1608.0	1608.0	1614.2	1618.8	1628.0	1634.1	1637.2	1646.4	1657.2	1654.1	1663.4
7.5°	1648.0	1646.4	1652.6	1655.6	1663.4	1674.1	1672.6	1680.2	1689.5	1692.6	1700.2
10°	1701.8	1697.1	1697.1	1694.1	1695.6	1692.6	1692.6	1692.6	1698.7	1697.1	1703.3
12.5°	1757.0	1755.5	1752.4	1743.2	1743.2	1730.9	1724.8	1717.1	1715.5	1704.8	1706.3
15°	1870.7	1870.7	1864.6	1846.2	1830.8	1820.0	1804.7	1793.9	1778.5	1758.6	1747.8
17.5°	2036.6	2015.1	2007.4	2004.3	1979.7	1970.5	1936.8	1901.4	1884.5	1856.8	1841.5
20°	2239.3	2234.7	2204.0	2188.6	2157.9	2114.9	2071.9	2025.8	1998.2	1964.4	1946.0
22.5°	2468.1	2434.3	2419.0	2395.9	2348.4	2299.2	2234.7	2173.2	2130.2	2107.2	2093.4
25°	2735.4	2701.6	2686.2	2655.6	2597.1	2544.9	2465.0	2392.9	2354.5	2316.1	2294.6
27.5°	3090.2	3057.9	3039.5	2959.6	2939.6	2853.7	2755.4	2657.0	2606.3	2549.5	2512.7
30°	3620.0	3621.6	3526.3	3429.6	3329.8	3180.8	3077.9	2967.3	2884.4	2803.0	2721.6
32.5°	4515.5	4286.6	4110.0	3902.6	3686.1	3527.9	3400.4	3268.3	3153.1	3034.9	2899.7
35°	5062.3	4951.7	4722.8	4343.5	4125.3	3933.3	3792.0	3632.3	3491.0	3282.2	3076.4
37.5°	5679.7	5423.2	5145.1	4934.7	4687.5	4464.8	4228.2	4047.0	3802.8	3521.8	3230.0
40°	6581.2	6214.1	5879.3	5596.7	5277.2	5043.8	4779.7	4517.0	4193.0	3785.9	3385.0
42.5°	7522.7	7143.3	6701.0	6333.9	5957.6	5684.2	5357.1	4988.5	4512.4	4008.6	3518.7
45°	8510.3	8003.4	7473.5	7025.1	6633.4	6294.0	5888.5	5400.1	4819.6	4208.3	3643.1
47.5°	9484.0	8901.9	8270.7	7788.4	7278.5	6863.8	6366.2	5748.8	5059.2	4397.2	3767.5
50°	10342.6	9781.9	9021.7	8408.9	7892.8	7381.3	6760.9	6017.5	5248.0	4560.0	3879.7
52.5°	11082.9	10600.5	9800.3	9026.3	8432.0	7857.5	7078.8	6234.1	5438.5	4710.5	3971.7
55°	11626.5	11305.6	10568.3	9608.4	8906.5	8221.5	7347.6	6443.0	5618.2	4830.4	4031.7
57.5°	12036.6	11858.5	11225.7	10156.7	9342.7	8574.8	7625.6	6693.3	5796.4	4933.2	4059.3
60°	12260.8	12310.0	11723.3	10635.9	9728.2	8869.6	7903.6	6906.8	5928.5	4993.1	4043.9
62.5°	12239.3	12540.4	12096.5	10930.8	9952.4	9044.7	8090.9	7006.6	5910.0	4897.9	3904.2
63°	12197.8	12548.1	12137.9	10950.8	9966.3	9050.8	8095.6	6992.8	5871.7	4851.8	3848.9
65°	11840.0	12371.4	12102.7	10860.2	9843.4	8935.7	7998.8	6793.2	5601.3	4604.5	3564.8
67.5°	10881.6	11546.7	11469.8	10219.7	9261.3	8459.6	7504.2	6149.6	4933.2	3996.3	3021.0
70°	9298.2	9923.2	9937.1	8888.1	8087.9	7301.5	6507.5	5003.8	3910.3	3097.9	2253.1
72.5°	7126.5	7528.8	7668.6	6977.4	6441.4	5888.5	5175.8	3632.3	2787.6	2107.2	1466.8
75°	5518.4	5407.8	5406.3	5114.4	4896.3	4626.1	3842.7	2451.3	1830.8	1370.0	896.9
77.5°	4960.9	4469.4	3993.2	3643.1	3468.0	3377.4	2520.4	1477.5	1079.7	787.9	516.1
80°	4091.6	3366.6	2720.0	2342.2	2191.6	2296.1	1405.3	798.6	591.4	448.5	334.8
82.5°	2821.4	2342.2	1780.1	1474.4	1265.6	1323.9	718.8	408.6	273.4	250.3	207.4
85°	1469.9	1288.6	1087.4	933.8	824.7	724.9	373.2	195.1	113.7	99.8	90.6
87.5°	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2
2.5°	1624.9	1623.5	1626.5	1628.0	1632.7	1635.7	1637.2	1634.1	1638.8	1643.4	1640.3
5°	1667.9	1678.7	1680.2	1684.8	1684.8	1694.1	1694.1	1694.1	1692.6	1694.1	1691.0
7.5°	1704.8	1718.6	1720.2	1726.3	1727.8	1738.6	1734.0	1737.0	1737.0	1729.4	1726.3
10°	1709.4	1723.3	1730.9	1738.6	1749.3	1763.2	1763.2	1770.9	1770.9	1764.8	1763.2
12.5°	1711.0	1721.7	1729.4	1740.1	1755.5	1775.5	1786.2	1796.9	1801.6	1800.0	1795.5
15°	1743.2	1743.2	1744.8	1754.0	1764.8	1789.3	1804.7	1816.9	1824.6	1821.5	1813.9
17.5°	1827.6	1815.4	1806.2	1790.8	1793.9	1806.2	1815.4	1826.2	1827.6	1824.6	1812.3
20°	1926.0	1910.6	1887.5	1863.0	1850.7	1841.5	1835.4	1835.4	1830.8	1815.4	1795.5
22.5°	2065.8	2045.8	2013.5	1976.7	1952.1	1922.9	1887.5	1853.8	1816.9	1780.1	1737.0
25°	2259.3	2231.6	2197.9	2141.0	2088.8	2027.4	1955.2	1879.9	1792.4	1715.5	1652.6
27.5°	2454.3	2392.9	2305.3	2227.0	2130.2	2038.1	1935.2	1843.1	1730.9	1638.8	1569.7
30°	2615.6	2498.9	2372.9	2248.5	2121.0	1996.7	1873.8	1763.2	1640.3	1546.6	1479.1
32.5°	2740.0	2578.7	2403.6	2240.9	2084.2	1932.1	1790.8	1667.9	1543.5	1446.8	1374.6
35°	2855.2	2630.9	2408.2	2207.1	2013.5	1855.4	1695.6	1562.0	1429.9	1328.6	1250.2
37.5°	2941.2	2655.6	2380.6	2144.1	1921.4	1744.8	1582.0	1445.2	1310.1	1199.5	1110.4
40°	2996.5	2640.2	2320.7	2053.5	1812.3	1626.5	1460.6	1319.4	1188.8	1067.4	959.9
42.5°	3041.0	2620.2	2260.8	1970.5	1726.3	1523.5	1353.1	1201.0	1068.9	936.8	818.6
45°	3107.1	2635.6	2234.7	1912.2	1649.5	1436.0	1248.7	1090.4	952.3	823.3	709.6
47.5°	3171.6	2643.3	2196.3	1840.0	1552.8	1345.4	1155.0	1001.4	860.1	741.9	637.4
50°	3230.0	2638.6	2136.4	1747.8	1459.1	1254.8	1070.5	916.9	777.1	668.1	569.8
52.5°	3257.6	2612.5	2062.7	1658.7	1383.8	1175.0	987.5	838.6	700.4	597.5	506.8
55°	3254.5	2544.9	1965.9	1574.2	1300.8	1090.4	906.1	758.7	634.3	539.1	460.7
57.5°	3208.4	2440.5	1863.0	1480.6	1191.8	986.1	811.0	668.1	563.6	483.8	417.8
60°	3111.6	2306.9	1727.8	1343.9	1055.2	857.0	692.7	569.8	485.3	423.9	380.9
62.5°	2930.4	2114.9	1558.9	1153.4	870.8	689.6	546.8	466.9	403.9	367.1	347.1
63°	2876.7	2062.7	1486.7	1107.4	827.8	651.2	516.1	433.1	387.1	354.8	336.4
65°	2609.4	1806.2	1244.1	893.9	643.5	502.2	414.7	351.7	324.1	310.2	308.7
67.5°	2113.3	1420.7	880.1	612.8	437.7	362.4	318.0	291.8	279.5	276.5	279.5
70°	1483.6	896.9	559.1	407.0	324.1	291.8	271.8	261.1	253.4	255.0	258.0
72.5°	946.1	537.6	384.0	308.7	273.4	256.5	247.3	244.2	242.7	241.1	241.1
75°	539.1	357.9	294.9	267.3	248.8	235.0	227.4	224.3	225.8	227.4	224.3
77.5°	356.3	294.9	262.6	244.2	227.4	211.9	207.4	205.8	208.8	211.9	211.9
80°	281.0	262.6	244.2	225.8	198.1	187.3	190.4	192.0	190.4	192.0	187.3
82.5°	198.1	195.1	199.6	192.0	164.4	155.2	152.1	153.6	150.5	150.5	147.4
85°	92.2	92.2	96.7	96.7	93.7	95.3	102.9	112.1	116.7	112.1	106.0
87.5°	0.0	0.0	0.0	0.0	0.0	13.9	27.6	39.9	43.0	53.8	52.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P181013

CATALOG NUMBER: ICM-F06-LED-E1-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2
2.5°	1635.7	1638.8	1637.2	1635.7	1638.8	1635.7	1637.2	1635.7	1635.7	1634.1	1634.1
5°	1687.9	1692.6	1683.4	1681.8	1678.7	1671.0	1671.0	1667.9	1667.9	1661.8	1657.2
7.5°	1721.7	1723.3	1715.5	1714.1	1706.3	1698.7	1692.6	1686.4	1684.8	1680.2	1671.0
10°	1754.0	1750.9	1744.8	1737.0	1729.4	1718.6	1711.0	1703.3	1701.8	1694.1	1683.4
12.5°	1781.6	1780.1	1767.8	1760.1	1747.8	1737.0	1727.8	1718.6	1714.1	1704.8	1689.5
15°	1800.0	1790.8	1775.5	1761.7	1747.8	1735.5	1724.8	1714.1	1709.4	1698.7	1683.4
17.5°	1792.4	1775.5	1755.5	1738.6	1720.2	1704.8	1695.6	1684.8	1677.1	1671.0	1649.5
20°	1764.8	1740.1	1709.4	1689.5	1664.8	1644.9	1638.8	1628.0	1621.9	1598.8	1571.2
22.5°	1692.6	1657.2	1618.8	1589.6	1562.0	1542.1	1526.6	1515.9	1500.6	1486.7	1443.7
25°	1601.9	1562.0	1522.1	1486.7	1449.9	1419.2	1391.5	1365.4	1357.7	1328.6	1287.1
27.5°	1514.3	1469.9	1429.9	1388.4	1340.8	1302.4	1254.8	1218.0	1193.4	1162.6	1124.3
30°	1420.7	1376.1	1322.4	1267.1	1211.8	1170.3	1116.6	1072.0	1041.3	1009.0	973.8
32.5°	1302.4	1248.7	1184.2	1122.7	1072.0	1022.9	969.1	926.1	895.4	866.2	832.5
35°	1167.3	1096.6	1027.5	959.9	906.1	864.7	817.1	784.8	763.4	737.2	701.9
37.5°	1012.1	932.3	858.5	806.3	758.7	718.8	685.0	665.0	642.0	628.2	606.7
40°	855.4	777.1	704.9	657.3	617.4	594.4	575.9	571.4	556.0	537.6	523.7
42.5°	717.2	642.0	571.4	532.9	506.8	500.7	491.4	491.4	483.8	470.0	460.7
45°	623.5	545.2	483.8	456.2	442.3	440.8	436.2	436.2	434.6	428.5	417.8
47.5°	556.0	485.3	437.7	420.8	417.8	414.7	410.0	408.6	407.0	402.4	396.3
50°	494.5	434.6	403.9	396.3	397.8	393.2	388.6	384.0	382.4	377.9	371.7
52.5°	437.7	394.7	374.8	370.1	370.1	370.1	367.1	367.1	364.0	362.4	356.3
55°	405.5	373.2	362.4	360.9	359.4	357.9	354.8	354.8	351.7	350.1	342.5
57.5°	377.9	357.9	351.7	348.7	347.1	344.0	342.5	342.5	342.5	342.5	333.3
60°	356.3	347.1	345.6	342.5	340.9	334.8	331.7	330.2	331.7	333.3	324.1
62.5°	333.3	331.7	330.2	327.2	325.6	319.4	314.9	311.8	314.9	318.0	316.4
63°	327.2	325.6	325.6	324.1	322.5	314.9	310.2	307.2	310.2	313.3	313.3
65°	305.7	307.2	307.2	305.7	304.1	299.5	293.4	290.2	291.8	296.5	298.0
67.5°	282.6	284.1	282.6	284.1	282.6	279.5	274.9	271.8	270.3	271.8	273.4
70°	261.1	264.2	262.6	261.1	259.5	259.5	256.5	251.9	250.3	248.8	248.8
72.5°	242.7	242.7	239.6	239.6	238.0	238.0	235.0	230.4	228.8	228.8	225.8
75°	222.7	222.7	218.0	218.0	215.0	216.6	213.5	208.8	207.4	207.4	205.8
77.5°	210.4	205.8	198.1	196.6	195.1	195.1	193.5	188.9	187.3	187.3	185.9
80°	185.9	176.7	168.9	167.4	168.9	172.0	172.0	168.9	168.9	168.9	168.9
82.5°	144.4	141.3	136.7	133.6	133.6	138.2	144.4	147.4	150.5	153.6	153.6
85°	106.0	107.5	106.0	101.4	99.8	104.5	110.6	116.7	118.2	124.4	122.9
87.5°	56.8	58.3	53.8	52.2	56.8	59.9	66.0	67.5	70.6	72.2	73.8
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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2
2.5°	1632.7	1631.1	1632.7	1629.6	1629.6	1626.5	1623.5	1621.9	1618.8	1617.3	1614.2
5°	1660.3	1655.6	1651.1	1649.5	1643.4	1637.2	1632.7	1624.9	1618.8	1608.0	1604.9
7.5°	1678.7	1667.9	1661.8	1660.3	1651.1	1646.4	1635.7	1626.5	1617.3	1603.5	1598.8
10°	1686.4	1675.6	1664.8	1660.3	1649.5	1641.9	1631.1	1617.3	1609.6	1595.7	1592.7
12.5°	1695.6	1675.6	1658.7	1646.4	1631.1	1614.2	1603.5	1595.7	1585.0	1577.3	1574.2
15°	1678.7	1652.6	1626.5	1603.5	1578.9	1560.5	1549.7	1537.4	1525.1	1520.5	1520.5
17.5°	1632.7	1598.8	1554.3	1525.1	1499.0	1479.1	1465.2	1452.9	1451.4	1445.2	1448.3
20°	1537.4	1492.8	1449.9	1428.4	1413.0	1400.8	1386.9	1380.8	1376.1	1366.9	1363.8
22.5°	1405.3	1368.5	1337.8	1322.4	1310.1	1294.7	1282.4	1264.0	1259.4	1250.2	1245.6
25°	1259.4	1230.2	1204.1	1193.4	1185.7	1164.2	1156.5	1131.9	1115.1	1104.3	1110.4
27.5°	1113.5	1092.0	1067.4	1053.6	1049.0	1029.0	1021.3	993.7	979.9	979.9	964.6
30°	963.0	943.0	927.6	912.3	909.2	884.7	864.7	854.0	838.6	832.5	821.7
32.5°	821.7	801.7	789.4	781.8	769.5	749.5	729.5	711.1	686.5	677.3	672.7
35°	691.2	675.8	660.5	654.2	637.4	615.9	591.4	575.9	546.8	536.0	531.4
37.5°	591.4	572.8	562.1	545.2	528.4	505.3	486.9	473.0	462.3	457.7	457.7
40°	511.4	497.6	485.3	471.5	457.7	445.4	436.2	433.1	431.5	431.5	434.6
42.5°	451.5	439.3	433.1	425.4	420.8	420.8	419.3	420.8	422.3	423.9	428.5
45°	411.6	403.9	400.8	399.4	402.4	405.5	407.0	410.0	416.2	419.3	420.8
47.5°	390.1	384.0	382.4	384.0	388.6	394.7	400.8	405.5	410.0	411.6	413.1
50°	368.7	360.9	357.9	360.9	367.1	376.3	380.9	388.6	391.6	394.7	391.6
52.5°	350.1	344.0	342.5	342.5	348.7	354.8	360.9	367.1	368.7	368.7	367.1
55°	334.8	330.2	325.6	328.7	333.3	339.4	348.7	353.2	356.3	357.9	357.9
57.5°	322.5	318.0	313.3	316.4	321.0	327.2	336.4	340.9	344.0	348.7	350.1
60°	313.3	307.2	302.6	307.2	311.8	321.0	328.7	333.3	340.9	342.5	342.5
62.5°	304.1	298.0	290.2	294.9	294.9	299.5	307.2	313.3	321.0	324.1	324.1
63°	302.6	296.5	288.7	291.8	291.8	294.9	301.0	307.2	316.4	319.4	318.0
65°	290.2	288.7	281.0	281.0	278.0	281.0	285.7	291.8	296.5	301.0	301.0
67.5°	270.3	268.7	267.3	267.3	267.3	270.3	273.4	278.0	282.6	285.7	284.1
70°	247.3	247.3	247.3	248.8	248.8	251.9	253.4	251.9	256.5	259.5	258.0
72.5°	227.4	225.8	224.3	227.4	225.8	225.8	228.8	227.4	231.9	231.9	233.5
75°	205.8	204.3	204.3	205.8	202.7	199.6	201.2	201.2	202.7	202.7	205.8
77.5°	187.3	187.3	187.3	185.9	182.8	181.2	179.7	179.7	179.7	179.7	181.2
80°	170.5	170.5	170.5	168.9	165.9	162.8	159.7	158.2	156.7	149.0	149.0
82.5°	153.6	153.6	153.6	153.6	152.1	149.0	144.4	132.1	126.0	119.8	121.3
85°	121.3	124.4	127.4	132.1	130.5	130.5	121.3	106.0	96.7	90.6	92.2
87.5°	78.3	69.1	69.1	67.5	64.5	61.4	61.4	52.2	43.0	38.4	39.9
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: ICM-F06-LED-E1-SLL

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2	0°
2.5°	1614.2	1611.2	1608.0	1608.0	1603.5	1603.5	1600.4	1606.5	1600.4	1595.7	1595.7	2.5°
5°	1601.9	1598.8	1589.6	1588.1	1582.0	1582.0	1582.0	1578.9	1578.9	1575.8	1574.2	5°
7.5°	1594.2	1586.5	1578.9	1574.2	1574.2	1571.2	1577.3	1574.2	1575.8	1575.8	1577.3	7.5°
10°	1588.1	1582.0	1578.9	1577.3	1577.3	1582.0	1586.5	1588.1	1586.5	1588.1	1588.1	10°
12.5°	1572.8	1575.8	1577.3	1583.5	1591.2	1600.4	1611.2	1612.7	1615.7	1615.7	1618.8	12.5°
15°	1523.5	1531.3	1540.5	1555.8	1575.8	1595.7	1615.7	1632.7	1648.0	1655.6	1661.8	15°
17.5°	1454.4	1462.1	1479.1	1495.9	1522.1	1551.3	1585.0	1614.2	1646.4	1675.6	1704.8	17.5°
20°	1360.8	1373.0	1377.7	1408.4	1439.1	1479.1	1519.0	1565.0	1620.4	1675.6	1732.5	20°
22.5°	1239.4	1253.3	1274.8	1299.4	1331.6	1380.8	1428.4	1500.6	1574.2	1652.6	1741.7	22.5°
25°	1104.3	1119.6	1138.1	1164.2	1196.5	1248.7	1317.8	1394.6	1485.2	1588.1	1698.7	25°
27.5°	964.6	979.9	995.3	1013.7	1050.5	1105.9	1187.3	1267.1	1366.9	1479.1	1608.0	27.5°
30°	824.7	826.3	835.5	858.5	896.9	969.1	1029.0	1128.8	1233.3	1351.5	1500.6	30°
32.5°	671.2	669.7	680.4	700.4	737.2	806.3	880.1	976.8	1079.7	1228.7	1382.2	32.5°
35°	534.5	534.5	554.4	574.4	615.9	665.0	729.5	815.5	936.8	1075.1	1228.7	35°
37.5°	462.3	473.0	485.3	505.3	537.6	575.9	632.7	708.0	803.3	935.4	1076.7	37.5°
40°	439.3	445.4	456.2	474.6	502.2	537.6	579.0	635.8	709.6	815.5	944.6	40°
42.5°	430.0	431.5	437.7	451.5	476.1	511.4	554.4	605.1	660.5	735.7	847.8	42.5°
45°	420.8	419.3	422.3	433.1	453.1	493.0	542.1	597.5	652.7	715.7	807.9	45°
47.5°	413.1	413.1	413.1	417.8	436.2	476.1	532.9	597.5	663.5	734.1	824.7	47.5°
50°	391.6	390.1	390.1	393.2	407.0	450.0	517.6	595.9	682.0	774.1	876.9	50°
52.5°	367.1	367.1	368.7	370.1	382.4	425.4	500.7	595.9	703.4	826.3	955.4	52.5°
55°	359.4	360.9	362.4	360.9	370.1	407.0	482.2	586.7	712.7	867.7	1039.8	55°
57.5°	353.2	356.3	356.3	354.8	360.9	391.6	463.8	568.3	704.9	883.2	1099.7	57.5°
60°	344.0	344.0	344.0	339.4	342.5	370.1	436.2	539.1	680.4	869.3	1108.9	60°
62.5°	324.1	324.1	321.0	319.4	318.0	339.4	399.4	496.1	635.8	832.5	1085.9	62.5°
63°	319.4	318.0	318.0	313.3	313.3	333.3	391.6	490.0	623.5	823.3	1076.7	63°
65°	302.6	302.6	302.6	299.5	298.0	313.3	360.9	447.0	575.9	780.2	1030.6	65°
67.5°	284.1	285.7	282.6	281.0	279.5	288.7	325.6	393.2	502.2	689.6	944.6	67.5°
70°	258.0	259.5	259.5	258.0	256.5	262.6	285.7	337.9	416.2	574.4	804.8	70°
72.5°	235.0	238.0	238.0	241.1	241.1	245.8	255.0	281.0	333.3	448.5	632.7	72.5°
75°	210.4	211.9	215.0	218.0	215.0	213.5	215.0	235.0	261.1	331.7	451.5	75°
77.5°	188.9	193.5	193.5	192.0	187.3	184.3	184.3	193.5	215.0	251.9	322.5	77.5°
80°	156.7	164.4	165.9	161.3	156.7	156.7	159.7	165.9	179.7	207.4	244.2	80°
82.5°	126.0	133.6	135.2	136.7	135.2	139.7	139.7	141.3	149.0	170.5	199.6	82.5°
85°	96.7	102.9	107.5	109.0	110.6	112.1	110.6	102.9	107.5	121.3	135.2	85°
87.5°	43.0	44.6	41.5	43.0	41.5	43.0	44.6	36.8	35.3	47.6	49.1	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°
1611.2	1611.2	1611.2	1611.2	1611.2	1611.2	1611.2
1594.2	1594.2	1595.7	1592.7	1592.7	1594.2	1589.6
1569.7	1575.8	1575.8	1575.8	1572.8	1575.8	1577.3
1575.8	1580.4	1583.5	1583.5	1582.0	1588.1	1592.7
1583.5	1591.2	1594.2	1594.2	1594.2	1601.9	1612.7
1612.7	1618.8	1623.5	1623.5	1626.5	1635.7	1648.0
1666.4	1674.1	1674.1	1672.6	1681.8	1692.6	1706.3
1726.3	1747.8	1758.6	1757.0	1764.8	1778.5	1793.9
1783.2	1843.1	1869.1	1887.5	1895.3	1913.7	1918.3
1830.8	1930.6	2002.8	2064.2	2093.4	2111.8	2133.3
1813.9	1949.0	2078.1	2204.0	2293.0	2383.6	2422.1
1744.8	1913.7	2082.6	2266.9	2428.2	2589.5	2706.2
1660.3	1863.0	2090.3	2351.5	2606.3	2853.7	3050.3
1563.5	1815.4	2107.2	2429.8	2764.6	3088.7	3372.8
1442.1	1724.8	2065.8	2437.4	2832.1	3225.3	3594.0
1288.6	1601.9	1968.9	2382.2	2835.2	3285.2	3726.0
1135.0	1446.8	1846.2	2302.2	2795.3	3299.1	3809.0
1027.5	1308.6	1721.7	2200.9	2730.8	3277.5	3848.9
953.8	1208.8	1611.2	2108.8	2661.7	3239.2	3855.0
947.6	1165.7	1539.0	2041.1	2606.3	3205.3	3855.0
999.8	1188.8	1514.3	2007.4	2583.4	3194.6	3858.1
1098.1	1280.9	1558.9	2033.5	2601.8	3208.4	3871.9
1216.4	1420.7	1678.7	2124.1	2680.1	3254.5	3902.6
1323.9	1582.0	1883.0	2299.2	2822.9	3371.3	3988.7
1386.9	1720.2	2099.5	2544.9	3067.1	3603.2	4160.7
1394.6	1796.9	2291.5	2812.2	3363.6	3868.9	4435.6
1388.4	1803.1	2316.1	2862.9	3426.5	3934.9	4530.8
1354.6	1804.7	2385.2	3041.0	3644.6	4212.9	4796.5
1268.7	1755.5	2409.8	3180.8	3919.6	4578.4	5292.6
1119.6	1615.7	2337.6	3183.8	4025.5	4782.7	5605.9
900.0	1350.1	2025.8	2896.7	3746.0	4581.5	5524.5
658.9	992.2	1531.3	2243.9	3056.4	3813.6	4732.0
437.7	642.0	1032.1	1598.8	2191.6	2744.6	3406.5
301.0	397.8	603.6	961.5	1340.8	1609.6	2170.2
221.2	262.6	334.8	491.4	645.0	794.1	1133.5
138.2	150.5	167.4	242.7	347.1	468.5	706.5
36.8	38.4	35.3	47.6	75.3	72.2	79.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)