

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: P181012

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

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181012
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-7030
Description: ICON SITE MEDIUM LED 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: 11709.6 lumens
Efficiency: N/A
Efficacy: 74.8 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

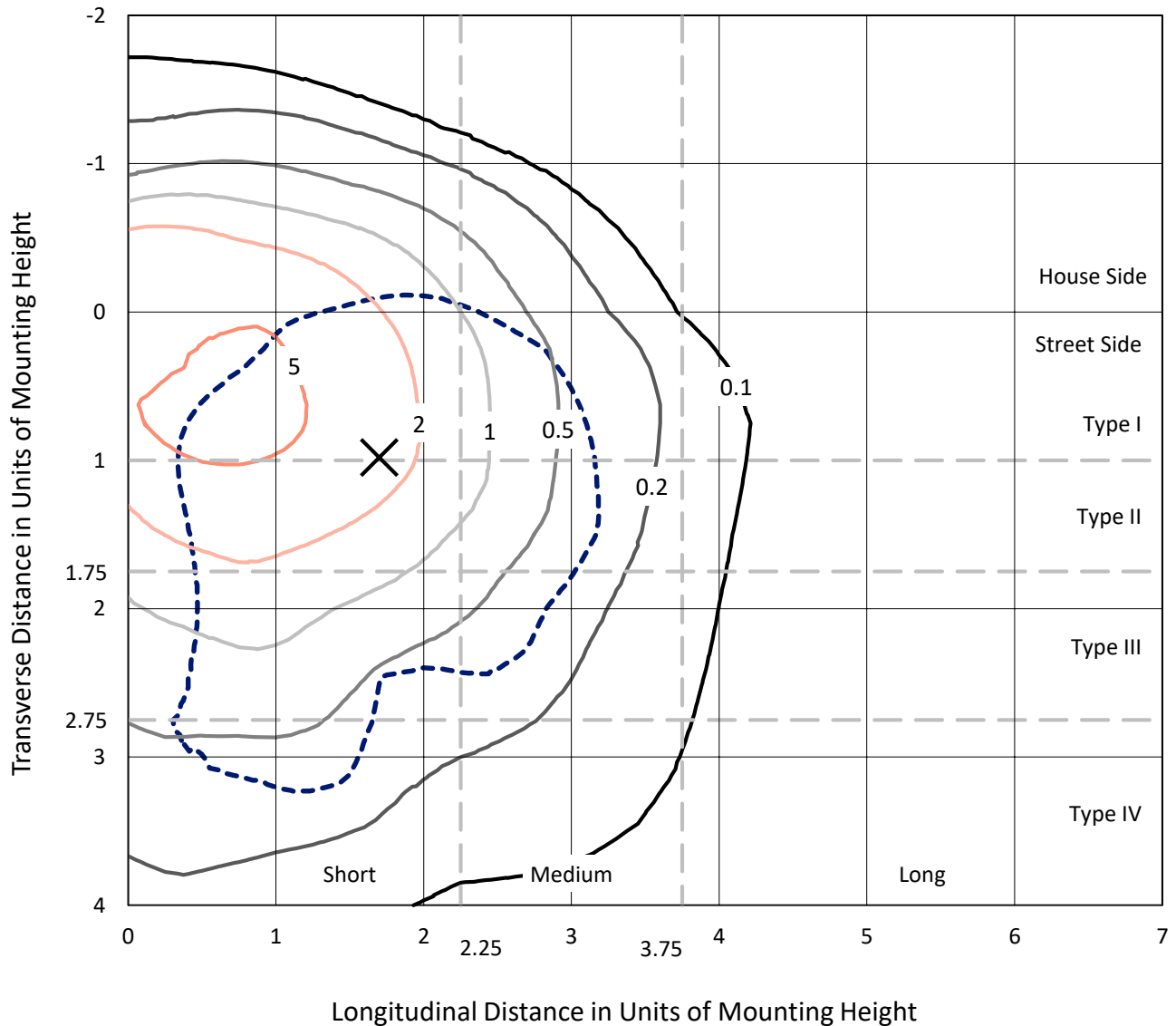
Input Watts (W): 156.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

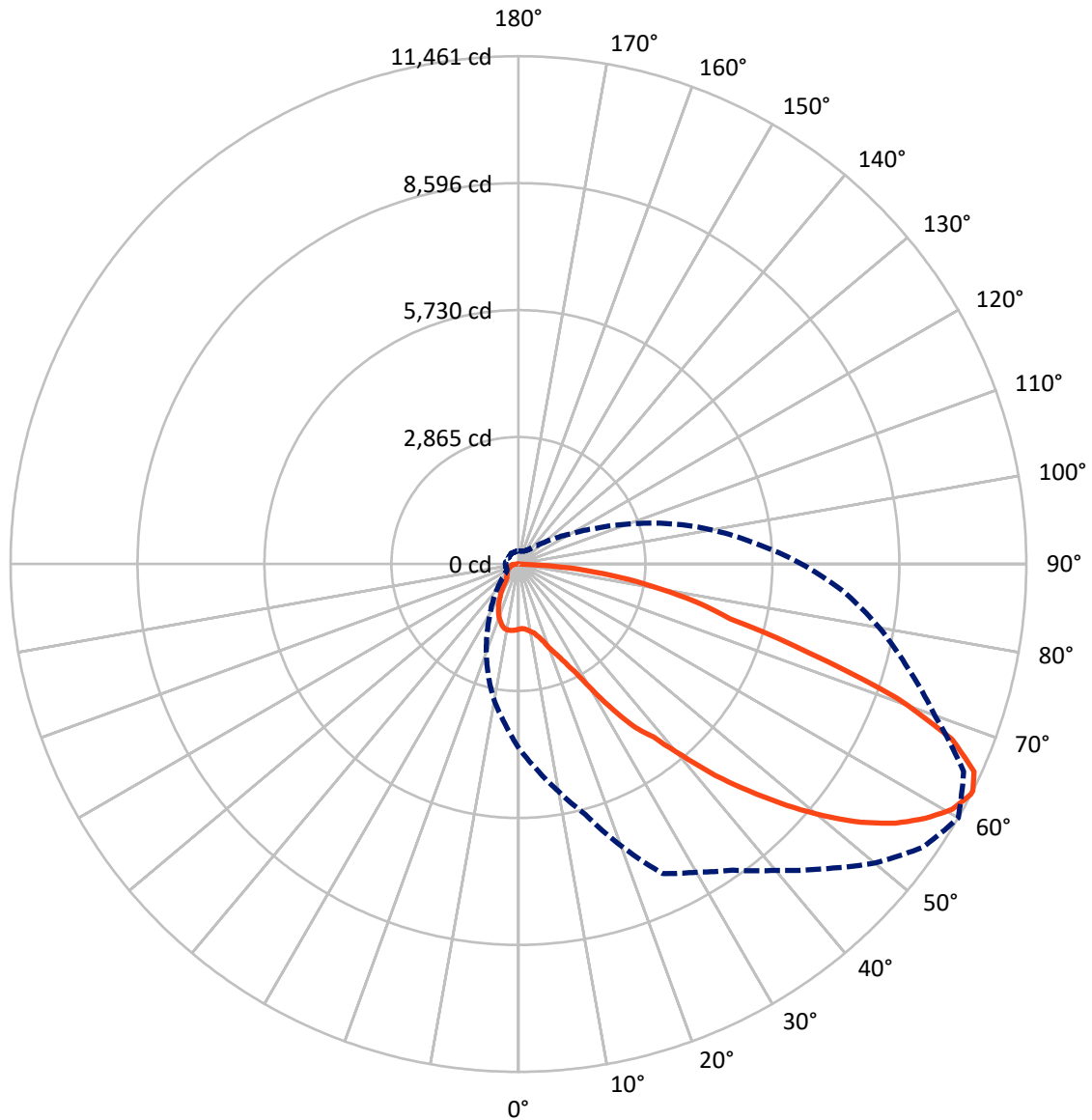
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 7.3 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	2539.2	0.0	2539.2
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	9170.4	0.0	9170.4
	% Fixture	78.3	0.0	78.3
Total	Lumens	11709.6	0.0	11709.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	143.2	1.2
10°-20°	446.1	3.8
20°-30°	792.6	6.8
30°-40°	1248.1	10.7
40°-50°	1836.8	15.7
50°-60°	2439.8	20.8
60°-70°	2687.4	23.0
70°-80°	1686.1	14.4
80°-90°	429.4	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°	11709.6	100.0
0°-180°	11709.6	100.0



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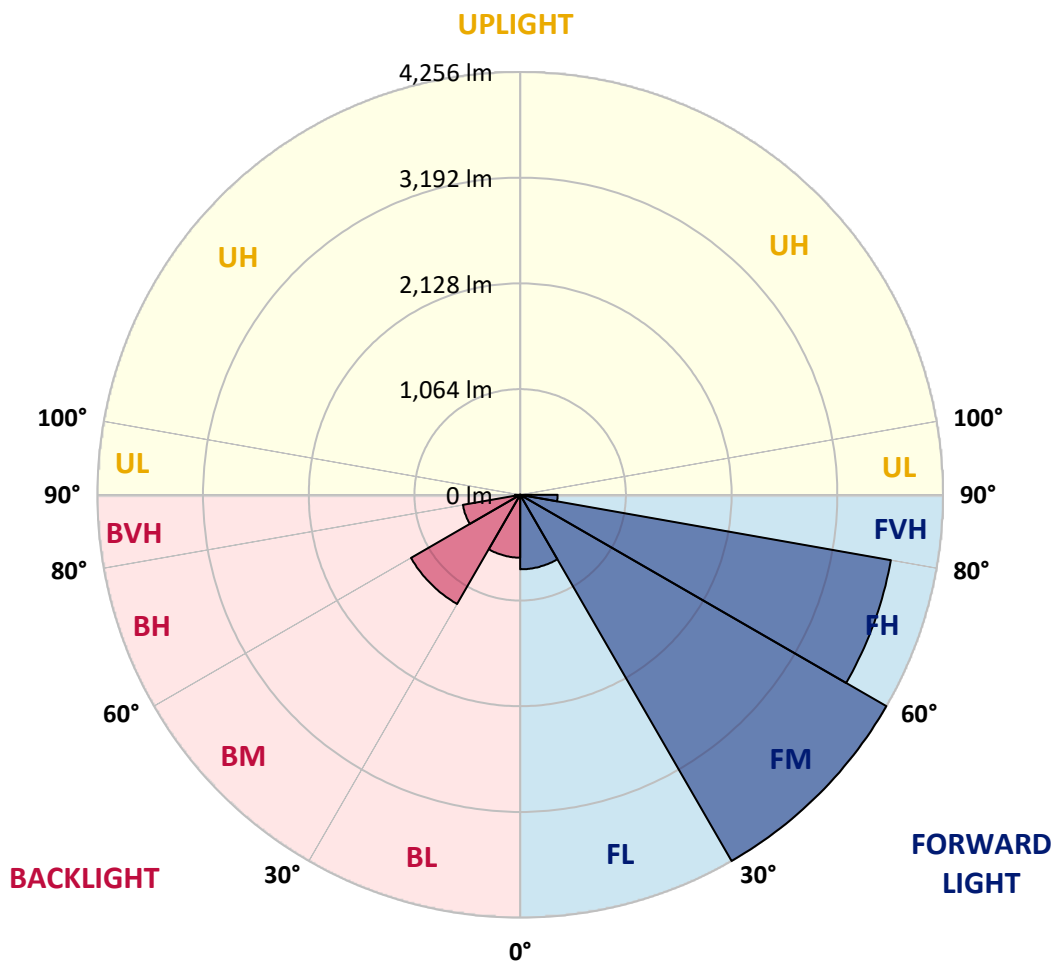
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	749.8	6.4			
FM (30°-60°)	4255.5	36.3			
FH (60°-80°)	3788.2	32.4			G2/5000
FVH (80°-90°)	376.9	3.2			G3/500
BL (0°-30°)	632.2	5.4	B2/1000		
BM (30°-60°)	1269.1	10.8	B2/2500		
BH (60°-80°)	585.3	5.0	B2/1000		G2/1000
BVH (80°-90°)	52.6	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°	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5
2.5°	1451.9	1454.7	1454.7	1453.3	1453.3	1456.1	1454.7	1453.3	1449.1	1454.7	1454.7
5°	1440.7	1443.5	1443.5	1446.2	1449.1	1451.9	1451.9	1454.7	1453.3	1458.9	1463.1
7.5°	1454.7	1457.5	1463.1	1470.1	1474.3	1484.2	1484.2	1491.2	1494.0	1498.1	1496.8
10°	1472.9	1479.9	1492.6	1503.8	1512.2	1523.5	1531.8	1541.7	1541.7	1545.9	1548.7
12.5°	1505.2	1512.2	1526.2	1540.3	1552.8	1566.9	1579.5	1589.3	1599.2	1602.0	1607.6
15°	1558.5	1566.9	1587.9	1607.6	1623.0	1641.2	1658.1	1677.8	1696.0	1700.2	1703.0
17.5°	1638.4	1655.3	1670.7	1705.8	1728.2	1752.1	1778.7	1806.8	1812.4	1841.9	1848.8
20°	1752.1	1773.1	1787.2	1830.6	1868.5	1899.4	1938.6	1970.9	1983.5	2011.6	2039.6
22.5°	1948.5	1944.3	1965.3	2008.8	2036.8	2098.5	2132.2	2165.9	2182.7	2224.9	2247.3
25°	2212.2	2234.6	2280.9	2285.1	2311.8	2383.4	2426.8	2460.5	2461.9	2474.5	2498.3
27.5°	2471.7	2564.3	2637.2	2676.5	2748.0	2814.0	2811.2	2858.9	2784.6	2799.9	2822.4
30°	2786.0	2940.2	3077.7	3170.3	3243.3	3320.4	3358.3	3385.0	3352.7	3338.6	3312.0
32.5°	3080.5	3296.6	3508.4	3672.5	3808.6	3936.2	4020.4	4058.3	4103.2	4216.8	4257.4
35°	3282.5	3588.3	3852.0	4089.1	4316.4	4519.7	4667.1	4751.3	4719.0	4703.6	4695.1
37.5°	3403.2	3776.3	4106.0	4441.2	4702.2	5006.5	5235.2	5456.9	5507.4	5419.0	5375.5
40°	3478.9	3920.8	4344.4	4740.0	5078.1	5470.8	5754.3	6086.7	6339.2	6372.9	6269.1
42.5°	3515.4	4017.6	4511.4	4958.8	5416.1	5897.3	6256.4	6659.0	7036.4	7295.9	7231.4
45°	3521.0	4080.7	4633.4	5156.7	5701.0	6271.9	6734.7	7180.9	7685.9	8130.6	8143.2
47.5°	3521.0	4128.4	4717.6	5299.8	5956.2	6597.3	7102.3	7629.7	8248.4	8774.5	8935.8
50°	3523.8	4160.7	4796.1	5411.9	6151.2	6872.2	7443.2	8066.0	8716.9	9289.3	9600.7
52.5°	3536.4	4184.5	4857.9	5491.9	6277.4	7065.8	7708.3	8426.6	9074.7	9662.4	10065.0
55°	3564.5	4218.2	4902.7	5541.0	6361.6	7192.0	7900.5	8673.4	9306.1	9902.3	10464.8
57.5°	3643.0	4277.1	4957.4	5584.5	6407.9	7274.8	8035.1	8780.1	9394.5	10015.9	10676.6
60°	3800.1	4402.0	5051.5	5671.5	6485.1	7427.8	8099.7	8708.5	9329.9	9982.2	10724.3
62.5°	4051.3	4597.0	5181.9	5818.7	6705.3	7664.8	8050.6	8495.3	9076.1	9787.2	10554.6
63°	4138.3	4639.0	5211.4	5851.0	6765.6	7708.3	8029.5	8432.1	9024.1	9725.5	10494.3
65°	4380.9	4825.6	5351.7	6013.7	7013.9	7751.8	7865.4	8103.9	8665.0	9373.5	10137.9
67.5°	4834.0	5278.7	5653.2	6288.7	7222.9	7580.7	7356.2	7385.7	7972.0	8705.7	9393.1
70°	5120.2	5650.5	5845.4	6323.8	7185.1	7326.7	6696.9	6306.9	6776.9	7612.9	8214.7
72.5°	5045.8	5654.6	5633.6	5856.6	6427.6	6559.4	5907.1	5292.7	5571.8	6196.1	6586.1
75°	4322.0	5050.1	4895.8	4850.8	5051.5	5138.5	4648.9	4554.8	4906.9	5253.4	5259.0
77.5°	3111.4	3912.4	3731.4	3471.9	3457.9	3658.4	3724.4	4340.2	4860.7	5134.2	5013.5
80°	1982.2	2850.4	2662.5	2209.4	2202.3	2463.3	3042.6	3880.1	4431.4	4584.3	4270.1
82.5°	1035.3	1865.7	1937.2	1658.1	1898.0	2330.1	2895.4	3126.8	3335.8	3356.9	2986.5
85°	645.3	1147.4	1349.5	1392.9	1714.2	2066.3	2062.1	1980.8	1888.2	1616.0	1461.7
87.5°	72.9	144.5	218.8	207.6	279.2	391.4	488.2	286.1	200.6	72.9	101.0
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5
2.5°	1457.5	1458.9	1460.3	1460.3	1467.4	1465.9	1467.4	1470.1	1474.3	1477.1	1479.9
5°	1468.8	1468.8	1474.3	1478.5	1487.0	1492.6	1495.4	1503.8	1513.6	1510.8	1519.2
7.5°	1505.2	1503.8	1509.4	1512.2	1519.2	1529.0	1527.6	1534.6	1543.1	1545.9	1552.8
10°	1554.2	1550.1	1550.1	1547.3	1548.7	1545.9	1545.9	1545.9	1551.5	1550.1	1555.7
12.5°	1604.8	1603.4	1600.6	1592.2	1592.2	1580.9	1575.4	1568.3	1566.9	1557.1	1558.5
15°	1708.6	1708.6	1703.0	1686.1	1672.1	1662.3	1648.3	1638.4	1624.4	1606.1	1596.4
17.5°	1860.1	1840.5	1833.4	1830.6	1808.2	1799.7	1768.9	1736.7	1721.2	1696.0	1682.0
20°	2045.2	2041.0	2013.0	1999.0	1970.9	1931.6	1892.4	1850.2	1825.0	1794.2	1777.3
22.5°	2254.2	2223.5	2209.4	2188.4	2144.9	2100.0	2041.0	1984.9	1945.7	1924.7	1912.0
25°	2498.3	2467.5	2453.5	2425.4	2372.1	2324.4	2251.5	2185.5	2150.4	2115.4	2095.7
27.5°	2822.4	2792.9	2776.1	2703.2	2684.9	2606.3	2516.6	2426.8	2380.6	2328.7	2295.0
30°	3306.3	3307.7	3220.8	3132.4	3041.2	2905.1	2811.2	2710.2	2634.4	2560.1	2485.8
32.5°	4124.2	3915.2	3753.9	3564.5	3366.7	3222.2	3105.8	2985.1	2879.9	2771.9	2648.5
35°	4623.6	4522.5	4313.6	3967.1	3767.9	3592.6	3463.5	3317.6	3188.6	2997.8	2809.8
37.5°	5187.5	4953.2	4699.4	4507.2	4281.3	4077.9	3861.9	3696.3	3473.3	3216.6	2950.1
40°	6010.9	5675.7	5369.9	5111.8	4819.9	4606.7	4365.5	4125.6	3829.6	3457.9	3091.7
42.5°	6870.8	6524.3	6120.3	5785.1	5441.4	5191.8	4893.0	4556.2	4121.4	3661.2	3213.8
45°	7772.9	7309.9	6826.0	6416.3	6058.6	5748.6	5378.3	4932.2	4402.0	3843.7	3327.4
47.5°	8662.2	8130.6	7554.0	7113.5	6647.9	6269.1	5814.5	5250.6	4620.8	4016.2	3441.0
50°	9446.4	8934.4	8240.0	7680.2	7208.9	6741.8	6175.1	5496.1	4793.3	4164.9	3543.5
52.5°	10122.5	9682.0	8951.2	8244.1	7701.3	7176.7	6465.4	5693.9	4967.3	4302.4	3627.7
55°	10619.1	10325.9	9652.6	8775.9	8134.7	7509.2	6710.9	5884.7	5131.4	4411.7	3682.3
57.5°	10993.6	10831.0	10253.0	9276.6	8533.2	7831.8	6964.9	6113.3	5294.1	4505.8	3707.6
60°	11198.5	11243.3	10707.5	9714.3	8885.3	8101.1	7218.7	6308.3	5414.7	4560.5	3693.5
62.5°	11178.8	11453.7	11048.3	9983.6	9090.1	8261.0	7389.9	6399.5	5397.9	4473.5	3565.9
63°	11140.9	11460.8	11086.2	10001.8	9102.7	8266.7	7394.1	6386.9	5362.8	4431.4	3515.4
65°	10814.1	11299.4	11053.9	9919.1	8990.5	8161.4	7305.7	6204.5	5115.9	4205.5	3255.8
67.5°	9938.8	10546.1	10476.0	9334.1	8458.8	7726.6	6854.0	5616.8	4505.8	3650.1	2759.3
70°	8492.5	9063.4	9076.1	8117.9	7387.1	6668.9	5943.6	4570.3	3571.5	2829.4	2057.9
72.5°	6509.0	6876.5	7004.1	6372.9	5883.3	5378.3	4727.4	3317.6	2546.1	1924.7	1339.6
75°	5040.2	4939.2	4937.8	4671.3	4472.1	4225.2	3509.8	2238.8	1672.1	1251.3	819.3
77.5°	4531.0	4082.1	3647.3	3327.4	3167.5	3084.8	2302.0	1349.5	986.1	719.6	471.4
80°	3737.0	3074.9	2484.3	2139.3	2001.8	2097.1	1283.5	729.5	540.1	409.6	305.8
82.5°	2576.9	2139.3	1625.9	1346.7	1155.9	1209.2	656.5	373.1	249.7	228.7	189.4
85°	1342.4	1176.9	993.2	852.9	753.3	662.1	340.8	178.1	103.8	91.2	82.8
87.5°	0.0	1.4	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°	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5
2.5°	1484.2	1482.7	1485.6	1487.0	1491.2	1494.0	1495.4	1492.6	1496.8	1500.9	1498.1
5°	1523.5	1533.2	1534.6	1538.9	1538.9	1547.3	1547.3	1547.3	1545.9	1547.3	1544.5
7.5°	1557.1	1569.7	1571.1	1576.8	1578.1	1587.9	1583.7	1586.5	1586.5	1579.5	1576.8
10°	1561.3	1574.0	1580.9	1587.9	1597.8	1610.4	1610.4	1617.4	1617.4	1611.8	1610.4
12.5°	1562.7	1572.6	1579.5	1589.3	1603.4	1621.6	1631.5	1641.2	1645.5	1644.1	1639.8
15°	1592.2	1592.2	1593.6	1602.0	1611.8	1634.2	1648.3	1659.5	1666.5	1663.7	1656.7
17.5°	1669.3	1658.1	1649.7	1635.6	1638.4	1649.7	1658.1	1667.9	1669.3	1666.5	1655.3
20°	1759.1	1745.0	1724.0	1701.6	1690.3	1682.0	1676.3	1676.3	1672.1	1658.1	1639.8
22.5°	1886.7	1868.5	1839.1	1805.4	1783.0	1756.3	1724.0	1693.1	1659.5	1625.9	1586.5
25°	2063.5	2038.2	2007.4	1955.5	1907.8	1851.6	1785.8	1717.0	1637.0	1566.9	1509.4
27.5°	2241.7	2185.5	2105.6	2034.1	1945.7	1861.5	1767.5	1683.4	1580.9	1496.8	1433.7
30°	2388.9	2282.3	2167.3	2053.7	1937.2	1823.6	1711.4	1610.4	1498.1	1412.6	1350.9
32.5°	2502.5	2355.3	2195.4	2046.7	1903.5	1764.7	1635.6	1523.5	1409.8	1321.4	1255.4
35°	2607.7	2403.0	2199.5	2015.8	1839.1	1694.5	1548.7	1426.6	1306.0	1213.4	1141.9
37.5°	2686.3	2425.4	2174.3	1958.2	1754.9	1593.6	1444.8	1320.0	1196.6	1095.5	1014.2
40°	2736.9	2411.4	2119.6	1875.5	1655.3	1485.6	1334.1	1205.0	1085.8	975.0	876.7
42.5°	2777.5	2393.1	2064.9	1799.7	1576.8	1391.5	1235.8	1096.9	976.4	855.7	747.7
45°	2837.9	2407.2	2041.0	1746.4	1506.6	1311.6	1140.5	996.0	869.8	751.9	648.1
47.5°	2896.8	2414.2	2006.0	1680.6	1418.2	1228.8	1054.9	914.6	785.6	677.6	582.1
50°	2950.1	2410.0	1951.3	1596.4	1332.7	1146.1	977.8	837.5	709.8	610.2	520.5
52.5°	2975.3	2386.2	1883.9	1515.0	1263.9	1073.1	902.0	766.0	639.6	545.7	462.9
55°	2972.5	2324.4	1795.5	1437.9	1188.2	996.0	827.6	692.9	579.4	492.4	420.8
57.5°	2930.4	2229.0	1701.6	1352.3	1088.6	900.6	740.7	610.2	514.8	441.9	381.6
60°	2842.1	2107.0	1578.1	1227.4	963.7	782.8	632.7	520.5	443.3	387.2	347.9
62.5°	2676.5	1931.6	1423.8	1053.5	795.4	629.9	499.4	426.4	368.9	335.3	317.0
63°	2627.5	1883.9	1357.9	1011.4	756.1	594.8	471.4	395.6	353.5	324.0	307.2
65°	2383.4	1649.7	1136.3	816.4	587.7	458.7	378.8	321.2	296.0	283.4	282.0
67.5°	1930.2	1297.6	803.8	559.7	399.8	331.1	290.4	266.5	255.4	252.5	255.4
70°	1355.1	819.3	510.6	371.7	296.0	266.5	248.3	238.5	231.4	232.8	235.6
72.5°	864.1	491.0	350.7	282.0	249.7	234.2	225.9	223.1	221.7	220.3	220.3
75°	492.4	326.9	269.3	244.1	227.3	214.6	207.6	204.8	206.2	207.6	204.8
77.5°	325.5	269.3	239.9	223.1	207.6	193.6	189.4	188.0	190.8	193.6	193.6
80°	256.7	239.9	223.1	206.2	180.9	171.2	174.0	175.3	174.0	175.3	171.2
82.5°	180.9	178.1	182.3	175.3	150.1	141.7	138.9	140.3	137.5	137.5	134.7
85°	84.2	84.2	88.4	88.4	85.6	87.0	94.0	102.4	106.6	102.4	96.8
87.5°	0.0	0.0	0.0	0.0	0.0	12.7	25.2	36.5	39.3	49.1	47.7
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: P181012

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

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5
2.5°	1494.0	1496.8	1495.4	1494.0	1496.8	1494.0	1495.4	1494.0	1494.0	1492.6	1492.6
5°	1541.7	1545.9	1537.5	1536.0	1533.2	1526.2	1526.2	1523.5	1523.5	1517.8	1513.6
7.5°	1572.6	1574.0	1566.9	1565.5	1558.5	1551.5	1545.9	1540.3	1538.9	1534.6	1526.2
10°	1602.0	1599.2	1593.6	1586.5	1579.5	1569.7	1562.7	1555.7	1554.2	1547.3	1537.5
12.5°	1627.3	1625.9	1614.6	1607.6	1596.4	1586.5	1578.1	1569.7	1565.5	1557.1	1543.1
15°	1644.1	1635.6	1621.6	1609.0	1596.4	1585.1	1575.4	1565.5	1561.3	1551.5	1537.5
17.5°	1637.0	1621.6	1603.4	1587.9	1571.1	1557.1	1548.7	1538.9	1531.8	1526.2	1506.6
20°	1611.8	1589.3	1561.3	1543.1	1520.7	1502.4	1496.8	1487.0	1481.3	1460.3	1435.1
22.5°	1545.9	1513.6	1478.5	1451.9	1426.6	1408.4	1394.3	1384.6	1370.5	1357.9	1318.6
25°	1463.1	1426.6	1390.1	1357.9	1324.2	1296.2	1270.9	1247.1	1240.1	1213.4	1175.5
27.5°	1383.2	1342.4	1306.0	1268.1	1224.7	1189.6	1146.1	1112.4	1090.0	1061.9	1026.8
30°	1297.6	1256.9	1207.8	1157.3	1106.8	1068.9	1019.8	979.2	951.1	921.6	889.4
32.5°	1189.6	1140.5	1081.6	1025.4	979.2	934.2	885.1	845.9	817.9	791.2	760.3
35°	1066.1	1001.6	938.4	876.7	827.6	789.8	746.2	716.8	697.2	673.3	641.1
37.5°	924.5	851.4	784.2	736.5	692.9	656.5	625.7	607.4	586.3	573.8	554.1
40°	781.3	709.8	643.9	600.4	563.9	542.9	526.0	521.9	507.8	491.0	478.3
42.5°	655.1	586.3	521.9	486.8	462.9	457.3	448.9	448.9	441.9	429.2	420.8
45°	569.5	498.0	441.9	416.7	404.0	402.6	398.4	398.4	397.0	391.4	381.6
47.5°	507.8	443.3	399.8	384.4	381.6	378.8	374.5	373.1	371.7	367.5	362.0
50°	451.7	397.0	368.9	362.0	363.4	359.1	354.9	350.7	349.3	345.1	339.4
52.5°	399.8	360.6	342.2	338.0	338.0	338.0	335.3	335.3	332.5	331.1	325.5
55°	370.3	340.8	331.1	329.7	328.3	326.9	324.0	324.0	321.2	319.8	312.8
57.5°	345.1	326.9	321.2	318.4	317.0	314.2	312.8	312.8	312.8	312.8	304.4
60°	325.5	317.0	315.6	312.8	311.4	305.8	303.0	301.6	303.0	304.4	296.0
62.5°	304.4	303.0	301.6	298.8	297.4	291.8	287.5	284.7	287.5	290.4	288.9
63°	298.8	297.4	297.4	296.0	294.6	287.5	283.4	280.6	283.4	286.1	286.1
65°	279.2	280.6	280.6	279.2	277.8	273.6	267.9	265.1	266.5	270.7	272.1
67.5°	258.1	259.5	258.1	259.5	258.1	255.4	251.1	248.3	246.9	248.3	249.7
70°	238.5	241.3	239.9	238.5	237.0	237.0	234.2	230.0	228.7	227.3	227.3
72.5°	221.7	221.7	218.8	218.8	217.4	217.4	214.6	210.4	209.0	209.0	206.2
75°	203.4	203.4	199.2	199.2	196.4	197.8	195.0	190.8	189.4	189.4	188.0
77.5°	192.2	188.0	180.9	179.5	178.1	178.1	176.7	172.6	171.2	171.2	169.8
80°	169.8	161.3	154.3	152.9	154.3	157.1	157.1	154.3	154.3	154.3	154.3
82.5°	131.9	129.0	124.8	122.0	122.0	126.2	131.9	134.7	137.5	140.3	140.3
85°	96.8	98.2	96.8	92.6	91.2	95.3	101.0	106.6	108.0	113.6	112.2
87.5°	51.9	53.3	49.1	47.7	51.9	54.7	60.3	61.8	64.6	66.0	67.3
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: P181012

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

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5
2.5°	1491.2	1489.8	1491.2	1488.4	1488.4	1485.6	1482.7	1481.3	1478.5	1477.1	1474.3
5°	1516.4	1512.2	1508.0	1506.6	1500.9	1495.4	1491.2	1484.2	1478.5	1468.8	1465.9
7.5°	1533.2	1523.5	1517.8	1516.4	1508.0	1503.8	1494.0	1485.6	1477.1	1464.5	1460.3
10°	1540.3	1530.4	1520.7	1516.4	1506.6	1499.5	1489.8	1477.1	1470.1	1457.5	1454.7
12.5°	1548.7	1530.4	1515.0	1503.8	1489.8	1474.3	1464.5	1457.5	1447.6	1440.7	1437.9
15°	1533.2	1509.4	1485.6	1464.5	1442.1	1425.2	1415.5	1404.2	1392.9	1388.8	1388.8
17.5°	1491.2	1460.3	1419.6	1392.9	1369.1	1350.9	1338.2	1327.1	1325.6	1320.0	1322.8
20°	1404.2	1363.5	1324.2	1304.6	1290.5	1279.4	1266.7	1261.1	1256.9	1248.5	1245.7
22.5°	1283.5	1249.9	1221.9	1207.8	1196.6	1182.5	1171.4	1154.5	1150.2	1141.9	1137.7
25°	1150.2	1123.6	1099.8	1090.0	1083.0	1063.4	1056.3	1033.9	1018.4	1008.6	1014.2
27.5°	1017.0	997.4	975.0	962.3	958.1	939.9	932.8	907.6	895.0	895.0	880.9
30°	879.5	861.3	847.3	833.2	830.4	808.0	789.8	779.9	766.0	760.3	750.5
32.5°	750.5	732.3	721.0	714.1	702.8	684.6	666.3	649.5	627.1	618.6	614.4
35°	631.3	617.2	603.2	597.6	582.1	562.5	540.1	526.0	499.4	489.6	485.4
37.5°	540.1	523.3	513.4	498.0	482.5	461.5	444.7	432.1	422.2	418.0	418.0
40°	467.2	454.5	443.3	430.7	418.0	406.8	398.4	395.6	394.1	394.1	397.0
42.5°	412.4	401.2	395.6	388.6	384.4	384.4	383.0	384.4	385.8	387.2	391.4
45°	375.9	368.9	366.1	364.7	367.5	370.3	371.7	374.5	380.2	383.0	384.4
47.5°	356.3	350.7	349.3	350.7	354.9	360.6	366.1	370.3	374.5	375.9	377.3
50°	336.7	329.7	326.9	329.7	335.3	343.7	347.9	354.9	357.7	360.6	357.7
52.5°	319.8	314.2	312.8	312.8	318.4	324.0	329.7	335.3	336.7	336.7	335.3
55°	305.8	301.6	297.4	300.2	304.4	310.0	318.4	322.6	325.5	326.9	326.9
57.5°	294.6	290.4	286.1	288.9	293.2	298.8	307.2	311.4	314.2	318.4	319.8
60°	286.1	280.6	276.4	280.6	284.7	293.2	300.2	304.4	311.4	312.8	312.8
62.5°	277.8	272.1	265.1	269.3	269.3	273.6	280.6	286.1	293.2	296.0	296.0
63°	276.4	270.7	263.7	266.5	266.5	269.3	275.0	280.6	288.9	291.8	290.4
65°	265.1	263.7	256.7	256.7	253.9	256.7	260.9	266.5	270.7	275.0	275.0
67.5°	246.9	245.5	244.1	244.1	244.1	246.9	249.7	253.9	258.1	260.9	259.5
70°	225.9	225.9	225.9	227.3	227.3	230.0	231.4	230.0	234.2	237.0	235.6
72.5°	207.6	206.2	204.8	207.6	206.2	206.2	209.0	207.6	211.8	211.8	213.2
75°	188.0	186.6	186.6	188.0	185.2	182.3	183.7	183.7	185.2	185.2	188.0
77.5°	171.2	171.2	171.2	169.8	167.0	165.5	164.1	164.1	164.1	164.1	165.5
80°	155.7	155.7	155.7	154.3	151.5	148.7	145.9	144.5	143.1	136.1	136.1
82.5°	140.3	140.3	140.3	140.3	138.9	136.1	131.9	120.7	115.1	109.4	110.8
85°	110.8	113.6	116.5	120.7	119.3	119.3	110.8	96.8	88.4	82.8	84.2
87.5°	71.5	63.2	63.2	61.8	58.9	56.1	56.1	47.7	39.3	35.1	36.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	0°
2.5°	1474.3	1471.5	1468.8	1468.8	1464.5	1464.5	1461.7	1467.4	1461.7	1457.5	1457.5	2.5°
5°	1463.1	1460.3	1451.9	1450.5	1444.8	1444.8	1444.8	1442.1	1442.1	1439.3	1437.9	5°
7.5°	1456.1	1449.1	1442.1	1437.9	1437.9	1435.1	1440.7	1437.9	1439.3	1439.3	1440.7	7.5°
10°	1450.5	1444.8	1442.1	1440.7	1440.7	1444.8	1449.1	1450.5	1449.1	1450.5	1450.5	10°
12.5°	1436.5	1439.3	1440.7	1446.2	1453.3	1461.7	1471.5	1472.9	1475.7	1475.7	1478.5	12.5°
15°	1391.5	1398.6	1407.0	1421.0	1439.3	1457.5	1475.7	1491.2	1505.2	1512.2	1517.8	15°
17.5°	1328.5	1335.5	1350.9	1366.3	1390.1	1416.8	1447.6	1474.3	1503.8	1530.4	1557.1	17.5°
20°	1242.9	1254.1	1258.3	1286.3	1314.4	1350.9	1387.4	1429.4	1479.9	1530.4	1582.3	20°
22.5°	1132.0	1144.7	1164.3	1186.8	1216.2	1261.1	1304.6	1370.5	1437.9	1509.4	1590.8	22.5°
25°	1008.6	1022.6	1039.4	1063.4	1092.8	1140.5	1203.6	1273.8	1356.5	1450.5	1551.5	25°
27.5°	880.9	895.0	909.0	925.9	959.5	1010.1	1084.4	1157.3	1248.5	1350.9	1468.8	27.5°
30°	753.3	754.7	763.1	784.2	819.3	885.1	939.9	1031.1	1126.4	1234.4	1370.5	30°
32.5°	613.0	611.6	621.4	639.6	673.3	736.5	803.8	892.2	986.1	1122.2	1262.5	32.5°
35°	488.2	488.2	506.4	524.7	562.5	607.4	666.3	744.8	855.7	982.0	1122.2	35°
37.5°	422.2	432.1	443.3	461.5	491.0	526.0	578.0	646.7	733.7	854.3	983.4	37.5°
40°	401.2	406.8	416.7	433.5	458.7	491.0	528.8	580.7	648.1	744.8	862.7	40°
42.5°	392.7	394.1	399.8	412.4	434.9	467.2	506.4	552.7	603.2	671.9	774.3	42.5°
45°	384.4	383.0	385.8	395.6	413.9	450.3	495.2	545.7	596.2	653.7	737.9	45°
47.5°	377.3	377.3	377.3	381.6	398.4	434.9	486.8	545.7	606.1	670.5	753.3	47.5°
50°	357.7	356.3	356.3	359.1	371.7	411.0	472.7	544.3	622.8	707.0	801.0	50°
52.5°	335.3	335.3	336.7	338.0	349.3	388.6	457.3	544.3	642.5	754.7	872.6	52.5°
55°	328.3	329.7	331.1	329.7	338.0	371.7	440.5	535.9	650.9	792.6	949.7	55°
57.5°	322.6	325.5	325.5	324.0	329.7	357.7	423.6	519.1	643.9	806.6	1004.4	57.5°
60°	314.2	314.2	314.2	310.0	312.8	338.0	398.4	492.4	621.4	794.0	1012.8	60°
62.5°	296.0	296.0	293.2	291.8	290.4	310.0	364.7	453.1	580.7	760.3	991.7	62.5°
63°	291.8	290.4	290.4	286.1	286.1	304.4	357.7	447.4	569.5	751.9	983.4	63°
65°	276.4	276.4	276.4	273.6	272.1	286.1	329.7	408.2	526.0	712.7	941.3	65°
67.5°	259.5	260.9	258.1	256.7	255.4	263.7	297.4	359.1	458.7	629.9	862.7	67.5°
70°	235.6	237.0	237.0	235.6	234.2	239.9	260.9	308.7	380.2	524.7	735.1	70°
72.5°	214.6	217.4	217.4	220.3	220.3	224.5	232.8	256.7	304.4	409.6	578.0	72.5°
75°	192.2	193.6	196.4	199.2	196.4	195.0	196.4	214.6	238.5	303.0	412.4	75°
77.5°	172.6	176.7	176.7	175.3	171.2	168.4	168.4	176.7	196.4	230.0	294.6	77.5°
80°	143.1	150.1	151.5	147.3	143.1	143.1	145.9	151.5	164.1	189.4	223.1	80°
82.5°	115.1	122.0	123.4	124.8	123.4	127.6	127.6	129.0	136.1	155.7	182.3	82.5°
85°	88.4	94.0	98.2	99.6	101.0	102.4	101.0	94.0	98.2	110.8	123.4	85°
87.5°	39.3	40.7	37.9	39.3	37.9	39.3	40.7	33.7	32.3	43.4	44.9	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: P181012

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

DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
1471.5	1471.5	1471.5	1471.5	1471.5	1471.5	1471.5
1456.1	1456.1	1457.5	1454.7	1454.7	1456.1	1451.9
1433.7	1439.3	1439.3	1439.3	1436.5	1439.3	1440.7
1439.3	1443.5	1446.2	1446.2	1444.8	1450.5	1454.7
1446.2	1453.3	1456.1	1456.1	1456.1	1463.1	1472.9
1472.9	1478.5	1482.7	1482.7	1485.6	1494.0	1505.2
1522.1	1529.0	1529.0	1527.6	1536.0	1545.9	1558.5
1576.8	1596.4	1606.1	1604.8	1611.8	1624.4	1638.4
1628.7	1683.4	1707.2	1724.0	1731.1	1747.9	1752.1
1672.1	1763.3	1829.2	1885.3	1912.0	1928.8	1948.5
1656.7	1780.1	1898.0	2013.0	2094.3	2177.1	2212.2
1593.6	1747.9	1902.2	2070.5	2217.8	2365.1	2471.7
1516.4	1701.6	1909.2	2147.6	2380.6	2606.3	2786.0
1428.0	1658.1	1924.7	2219.2	2525.0	2821.0	3080.5
1317.2	1575.4	1886.7	2226.2	2586.7	2945.9	3282.5
1176.9	1463.1	1798.3	2175.7	2589.5	3000.6	3403.2
1036.7	1321.4	1686.1	2102.8	2553.0	3013.2	3478.9
938.4	1195.2	1572.6	2010.2	2494.2	2993.5	3515.4
871.2	1104.0	1471.5	1926.1	2431.0	2958.4	3521.0
865.5	1064.8	1405.6	1864.3	2380.6	2927.6	3521.0
913.2	1085.8	1383.2	1833.4	2359.5	2917.8	3523.8
1003.0	1170.0	1423.8	1857.3	2376.3	2930.4	3536.4
1111.0	1297.6	1533.2	1940.0	2447.8	2972.5	3564.5
1209.2	1444.8	1719.8	2100.0	2578.3	3079.1	3643.0
1266.7	1571.1	1917.6	2324.4	2801.3	3290.9	3800.1
1273.8	1641.2	2092.9	2568.5	3072.1	3533.6	4051.3
1268.1	1646.9	2115.4	2614.8	3129.6	3594.0	4138.3
1237.2	1648.3	2178.5	2777.5	3328.9	3847.8	4380.9
1158.7	1603.4	2200.9	2905.1	3579.9	4181.7	4834.0
1022.6	1475.7	2135.1	2908.0	3676.7	4368.3	5120.2
822.1	1233.0	1850.2	2645.7	3421.4	4184.5	5045.8
601.8	906.2	1398.6	2049.5	2791.6	3483.1	4322.0
399.8	586.3	942.7	1460.3	2001.8	2506.8	3111.4
275.0	363.4	551.3	878.1	1224.7	1470.1	1982.2
202.0	239.9	305.8	448.9	589.2	725.2	1035.3
126.2	137.5	152.9	221.7	317.0	427.8	645.3
33.7	35.1	32.3	43.4	68.7	66.0	72.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)