

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: P181011

Luminaire Tested: **ICM-F06-LED-E1-SLL-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181011
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-8030
Description: ICON SITE MEDIUM LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (42) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10820.4 lumens
Efficiency: N/A
Efficacy: 69.1 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

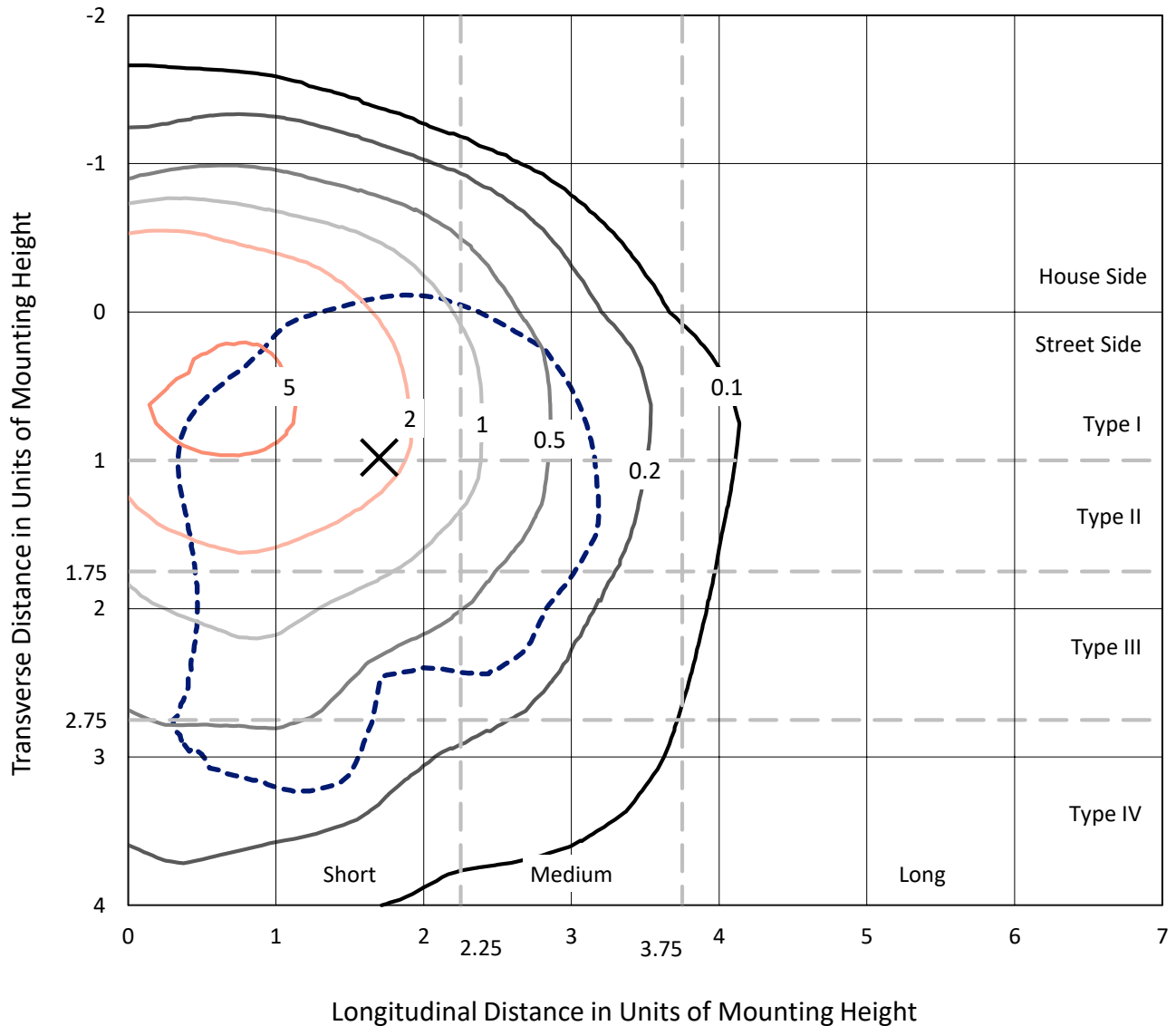
Input Watts (W): 156.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

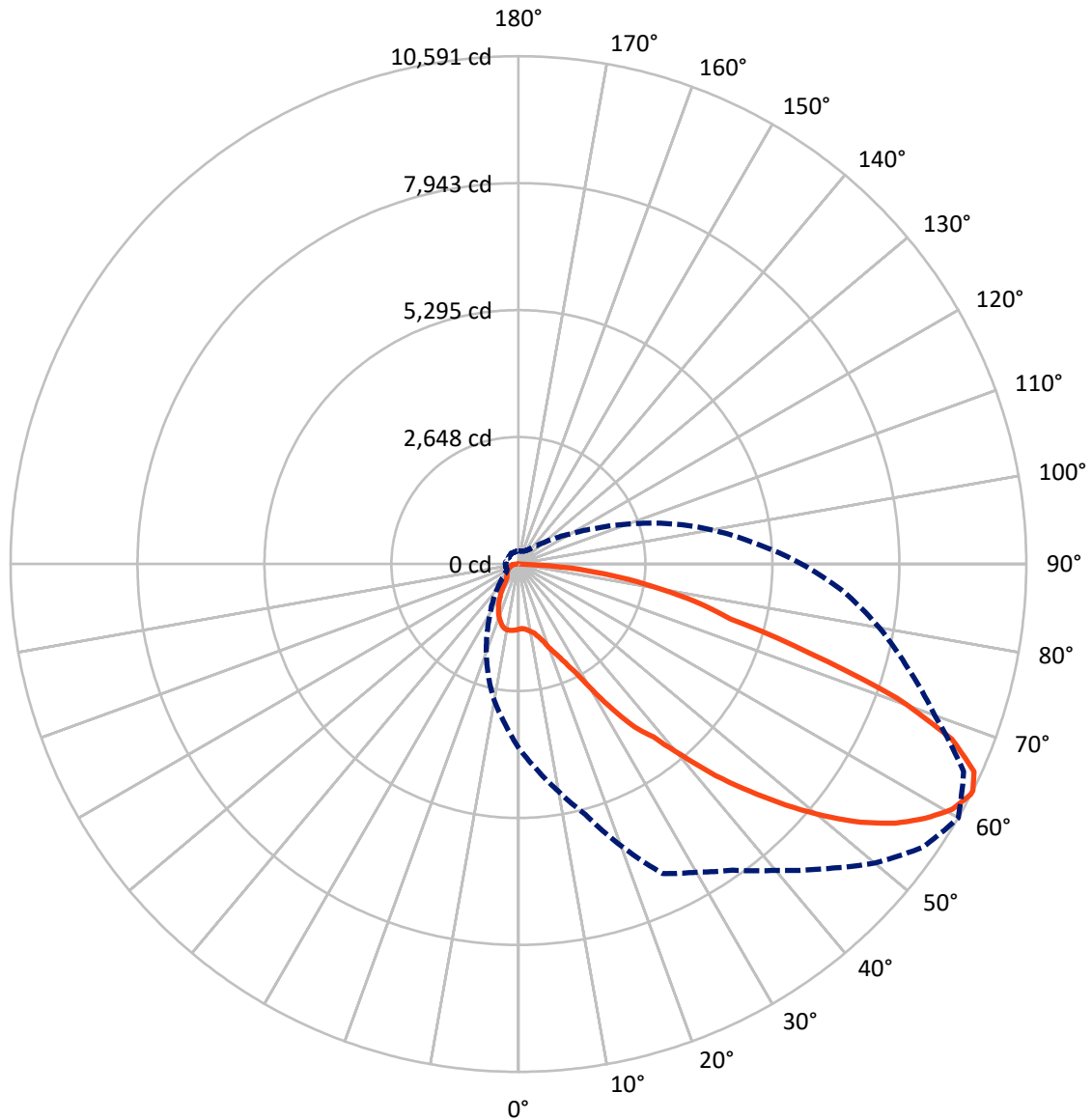
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 6.7 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	2346.4	0.0	2346.4
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	8474.0	0.0	8474.0
	% Fixture	78.3	0.0	78.3
Total	Lumens	10820.4	0.0	10820.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	132.4	1.2
10°-20°	412.2	3.8
20°-30°	732.4	6.8
30°-40°	1153.3	10.7
40°-50°	1697.3	15.7
50°-60°	2254.5	20.8
60°-70°	2483.4	23.0
70°-80°	1558.0	14.4
80°-90°	396.8	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°	10820.4	100.0
0°-180°	10820.4	100.0



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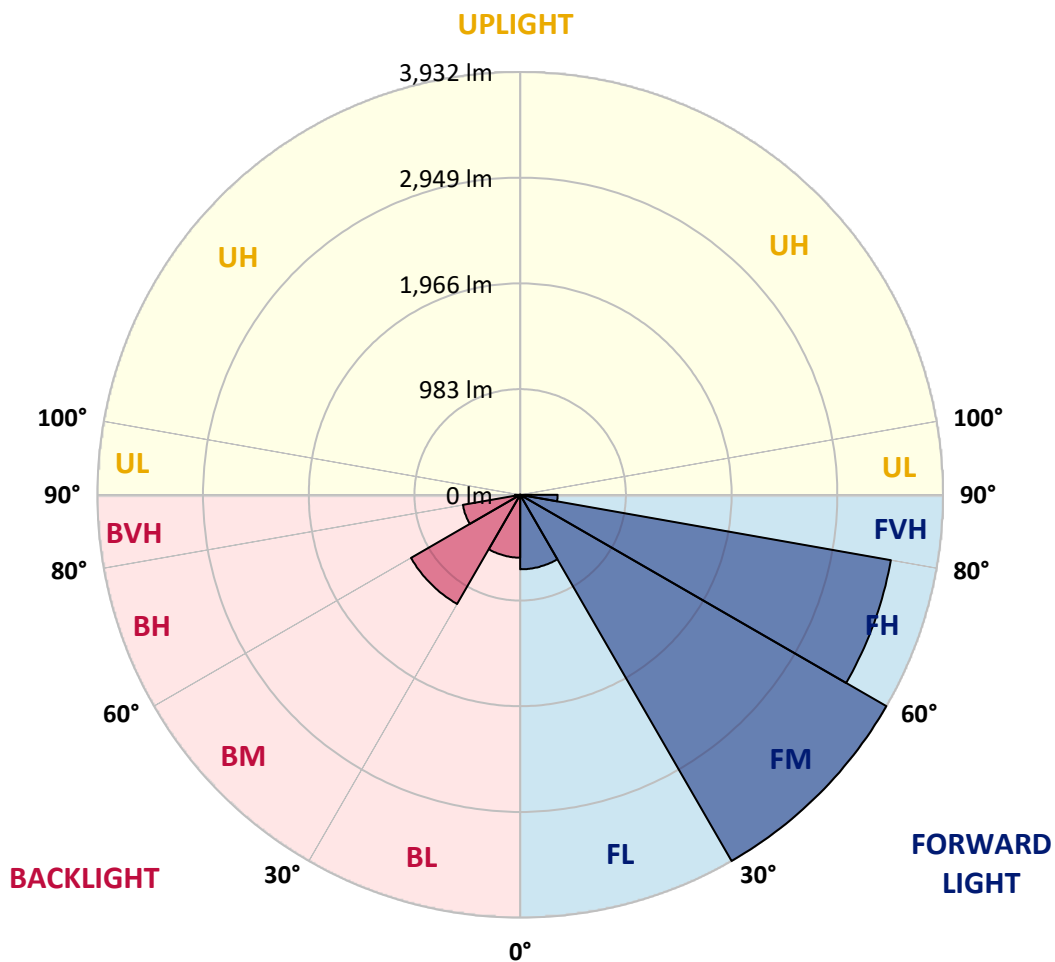
CATALOG NUMBER: ICM-F06-LED-E1-SLL-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	692.8	6.4			
FM	(30°-60°)	3932.4	36.3			
FH	(60°-80°)	3500.6	32.4			G2/5000
FVH	(80°-90°)	348.2	3.2			G3/500
BL	(0°-30°)	584.2	5.4	B2/1000		
BM	(30°-60°)	1172.8	10.8	B2/2500		
BH	(60°-80°)	540.8	5.0	B2/1000		G2/1000
BVH	(80°-90°)	48.6	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°	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8
2.5°	1341.6	1344.2	1344.2	1342.9	1342.9	1345.5	1344.2	1342.9	1339.1	1344.2	1344.2
5°	1331.3	1333.9	1333.9	1336.5	1339.1	1341.6	1341.6	1344.2	1342.9	1348.1	1352.0
7.5°	1344.2	1346.8	1352.0	1358.5	1362.3	1371.5	1371.5	1378.0	1380.5	1384.4	1383.1
10°	1361.0	1367.5	1379.3	1389.6	1397.4	1407.7	1415.5	1424.6	1424.6	1428.5	1431.1
12.5°	1390.9	1397.4	1410.3	1423.3	1435.0	1447.9	1459.5	1468.7	1477.8	1480.3	1485.5
15°	1440.1	1447.9	1467.4	1485.5	1499.7	1516.7	1532.2	1550.3	1567.2	1571.1	1573.7
17.5°	1514.1	1529.6	1543.8	1576.3	1597.0	1619.0	1643.6	1669.6	1674.8	1702.0	1708.5
20°	1619.0	1638.4	1651.5	1691.6	1726.6	1755.2	1791.5	1821.2	1832.9	1858.8	1884.8
22.5°	1800.5	1796.7	1816.1	1856.3	1882.2	1939.2	1970.3	2001.4	2016.9	2055.8	2076.6
25°	2044.2	2064.9	2107.7	2111.6	2136.2	2202.3	2242.5	2273.6	2274.9	2286.6	2308.7
27.5°	2284.0	2369.6	2436.9	2473.2	2539.4	2600.3	2597.7	2641.8	2573.0	2587.4	2608.1
30°	2574.3	2716.9	2844.0	2929.5	2996.9	3068.2	3103.3	3127.8	3098.1	3085.1	3060.5
32.5°	2846.6	3046.3	3242.0	3393.6	3519.4	3637.3	3715.1	3750.1	3791.6	3896.6	3934.2
35°	3033.2	3315.8	3559.6	3778.6	3988.6	4176.6	4312.7	4390.4	4360.6	4346.4	4338.5
37.5°	3144.8	3489.5	3794.2	4103.9	4345.0	4626.4	4837.6	5042.4	5089.1	5007.5	4967.3
40°	3214.7	3623.1	4014.5	4380.0	4692.5	5055.4	5317.2	5624.5	5857.8	5888.9	5793.0
42.5°	3248.4	3712.5	4168.8	4582.3	5004.9	5449.5	5781.3	6153.3	6502.1	6741.8	6682.2
45°	3253.6	3770.8	4281.5	4765.1	5268.0	5795.6	6223.4	6635.6	7102.2	7513.2	7524.8
47.5°	3253.6	3814.9	4359.3	4897.2	5503.9	6096.3	6562.9	7050.4	7622.0	8108.1	8257.2
50°	3256.2	3844.7	4431.9	5001.0	5684.1	6350.4	6878.0	7453.5	8054.9	8583.9	8871.6
52.5°	3267.8	3866.7	4489.0	5074.8	5800.8	6529.2	7122.9	7786.7	8385.5	8928.6	9300.7
55°	3293.8	3897.9	4530.4	5120.2	5878.5	6645.9	7300.5	8014.7	8599.4	9150.3	9670.1
57.5°	3366.3	3952.3	4581.0	5160.4	5921.3	6722.4	7425.0	8113.3	8681.1	9255.3	9865.8
60°	3511.6	4067.7	4667.8	5240.8	5992.6	6863.7	7484.6	8047.2	8621.4	9224.1	9909.9
62.5°	3743.6	4247.8	4788.4	5376.9	6196.1	7082.7	7439.2	7850.2	8386.8	9044.0	9753.1
63°	3823.9	4286.7	4815.6	5406.7	6251.9	7122.9	7419.8	7791.9	8338.8	8986.9	9697.4
65°	4048.2	4459.1	4945.2	5557.1	6481.3	7163.1	7268.1	7488.5	8007.0	8661.6	9368.1
67.5°	4466.9	4877.8	5223.9	5811.1	6674.5	7005.0	6797.6	6824.8	7366.6	8044.6	8679.8
70°	4731.4	5221.3	5401.5	5843.6	6639.5	6770.4	6188.3	5827.9	6262.3	7034.8	7590.9
72.5°	4662.6	5225.2	5205.8	5411.8	5939.5	6061.3	5458.5	4890.8	5148.8	5725.6	6085.9
75°	3993.8	4666.5	4523.9	4482.4	4667.8	4748.2	4295.8	4209.0	4534.4	4854.4	4859.7
77.5°	2875.1	3615.3	3448.0	3208.2	3195.3	3380.7	3441.6	4010.6	4491.6	4744.3	4632.9
80°	1831.6	2634.0	2460.3	2041.6	2035.1	2276.2	2811.6	3585.4	4094.9	4236.2	3945.8
82.5°	956.7	1724.0	1790.2	1532.2	1753.9	2153.1	2675.5	2889.3	3082.5	3102.0	2759.7
85°	596.3	1060.4	1247.0	1287.2	1584.0	1909.4	1905.5	1830.3	1744.8	1493.3	1350.7
87.5°	67.4	133.5	202.2	191.8	258.0	361.7	451.1	264.5	185.4	67.4	93.3
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-8030

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8
2.5°	1346.8	1348.1	1349.4	1349.4	1355.9	1354.6	1355.9	1358.5	1362.3	1364.9	1367.5
5°	1357.2	1357.2	1362.3	1366.2	1374.1	1379.3	1381.8	1389.6	1398.7	1396.1	1403.8
7.5°	1390.9	1389.6	1394.8	1397.4	1403.8	1412.9	1411.6	1418.1	1425.9	1428.5	1435.0
10°	1436.3	1432.4	1432.4	1429.8	1431.1	1428.5	1428.5	1428.5	1433.7	1432.4	1437.6
12.5°	1482.9	1481.6	1479.1	1471.3	1471.3	1460.8	1455.7	1449.2	1447.9	1438.9	1440.1
15°	1578.8	1578.8	1573.7	1558.1	1545.1	1536.1	1523.1	1514.1	1501.0	1484.2	1475.2
17.5°	1718.8	1700.7	1694.2	1691.6	1670.9	1663.1	1634.6	1604.8	1590.5	1567.2	1554.2
20°	1890.0	1886.1	1860.1	1847.2	1821.2	1784.9	1748.7	1709.8	1686.4	1657.9	1642.3
22.5°	2083.1	2054.6	2041.6	2022.2	1982.0	1940.5	1886.1	1834.2	1797.9	1778.4	1766.8
25°	2308.7	2280.1	2267.2	2241.2	2192.0	2147.9	2080.5	2019.5	1987.2	1954.8	1936.6
27.5°	2608.1	2580.9	2565.3	2497.9	2481.0	2408.5	2325.5	2242.5	2199.7	2151.8	2120.7
30°	3055.3	3056.6	2976.2	2894.5	2810.2	2684.6	2597.7	2504.4	2434.3	2365.7	2296.9
32.5°	3811.0	3617.9	3468.8	3293.8	3111.0	2977.5	2869.9	2758.4	2661.2	2561.4	2447.4
35°	4272.5	4179.2	3986.0	3665.8	3481.8	3319.7	3200.5	3065.7	2946.4	2770.1	2596.4
37.5°	4793.6	4577.1	4342.4	4164.9	3956.2	3768.2	3568.6	3415.6	3209.5	2972.3	2726.1
40°	5554.5	5244.7	4962.1	4723.6	4454.0	4257.0	4034.0	3812.3	3538.8	3195.3	2856.9
42.5°	6349.1	6028.9	5655.6	5345.8	5028.2	4797.4	4521.3	4210.3	3808.4	3383.3	2969.7
45°	7182.6	6754.8	6307.6	5929.1	5598.5	5312.0	4969.9	4557.6	4067.7	3551.7	3074.7
47.5°	8004.4	7513.2	6980.3	6573.3	6143.0	5793.0	5373.0	4851.9	4269.9	3711.2	3179.7
50°	8729.0	8255.9	7614.2	7097.1	6661.4	6229.8	5706.2	5078.7	4429.3	3848.6	3274.3
52.5°	9353.8	8946.8	8271.4	7618.1	7116.5	6631.7	5974.5	5261.5	4590.1	3975.7	3352.1
55°	9812.7	9541.7	8919.6	8109.4	7517.0	6938.9	6201.3	5437.8	4741.7	4076.8	3402.7
57.5°	10158.8	10008.4	9474.4	8572.1	7885.2	7237.0	6435.9	5649.1	4892.1	4163.6	3426.0
60°	10348.1	10389.6	9894.4	8976.6	8210.5	7485.9	6670.6	5829.2	5003.6	4214.2	3413.0
62.5°	10329.9	10584.0	10209.4	9225.5	8399.8	7633.7	6828.7	5913.5	4988.0	4133.8	3295.1
63°	10294.9	10590.5	10244.3	9242.3	8411.4	7638.8	6832.6	5901.9	4955.6	4094.9	3248.4
65°	9992.9	10441.4	10214.6	9165.8	8307.8	7541.6	6750.9	5733.3	4727.5	3886.2	3008.6
67.5°	9184.0	9745.3	9680.4	8625.4	7816.4	7139.8	6333.5	5190.3	4163.6	3372.9	2549.8
70°	7847.6	8375.1	8386.8	7501.4	6826.1	6162.5	5492.2	4223.2	3300.3	2614.5	1901.6
72.5°	6014.6	6354.3	6472.2	5888.9	5436.5	4969.9	4368.4	3065.7	2352.8	1778.4	1238.0
75°	4657.4	4564.1	4562.8	4316.6	4132.5	3904.3	3243.3	2068.8	1545.1	1156.3	757.0
77.5°	4186.9	3772.1	3370.3	3074.7	2927.0	2850.4	2127.2	1247.0	911.3	665.0	435.5
80°	3453.2	2841.4	2295.6	1976.8	1849.8	1937.9	1186.1	674.1	499.1	378.5	282.6
82.5°	2381.2	1976.8	1502.3	1244.4	1068.1	1117.4	606.6	344.8	230.7	211.3	175.0
85°	1240.6	1087.5	917.8	788.1	696.1	611.8	315.0	164.7	95.9	84.3	76.5
87.5°	0.0	1.3	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°	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8
2.5°	1371.5	1370.1	1372.8	1374.1	1378.0	1380.5	1381.8	1379.3	1383.1	1387.0	1384.4
5°	1407.7	1416.8	1418.1	1422.0	1422.0	1429.8	1429.8	1429.8	1428.5	1429.8	1427.2
7.5°	1438.9	1450.5	1451.8	1457.0	1458.3	1467.4	1463.5	1466.1	1466.1	1459.5	1457.0
10°	1442.7	1454.4	1460.8	1467.4	1476.5	1488.1	1488.1	1494.6	1494.6	1489.4	1488.1
12.5°	1444.0	1453.1	1459.5	1468.7	1481.6	1498.5	1507.5	1516.7	1520.5	1519.2	1515.4
15°	1471.3	1471.3	1472.6	1480.3	1489.4	1510.1	1523.1	1533.5	1539.9	1537.4	1530.9
17.5°	1542.5	1532.2	1524.4	1511.5	1514.1	1524.4	1532.2	1541.2	1542.5	1539.9	1529.6
20°	1625.5	1612.6	1593.1	1572.4	1562.0	1554.2	1549.0	1549.0	1545.1	1532.2	1515.4
22.5°	1743.5	1726.6	1699.4	1668.3	1647.5	1622.9	1593.1	1564.6	1533.5	1502.3	1466.1
25°	1906.8	1883.5	1855.0	1807.0	1762.9	1711.1	1650.1	1586.6	1512.8	1447.9	1394.8
27.5°	2071.5	2019.5	1945.7	1879.5	1797.9	1720.1	1633.3	1555.5	1460.8	1383.1	1324.8
30°	2207.5	2109.0	2002.7	1897.7	1790.2	1685.1	1581.4	1488.1	1384.4	1305.3	1248.3
32.5°	2312.6	2176.4	2028.7	1891.3	1759.0	1630.7	1511.5	1407.7	1302.7	1221.0	1160.2
35°	2409.8	2220.5	2032.6	1862.7	1699.4	1565.9	1431.1	1318.3	1206.8	1121.3	1055.2
37.5°	2482.3	2241.2	2009.2	1809.6	1621.6	1472.6	1335.2	1219.8	1105.7	1012.4	937.2
40°	2529.0	2228.3	1958.6	1733.1	1529.6	1372.8	1232.8	1113.5	1003.3	900.9	810.1
42.5°	2566.6	2211.5	1908.1	1663.1	1457.0	1285.9	1142.0	1013.7	902.2	790.7	690.9
45°	2622.3	2224.4	1886.1	1613.9	1392.2	1212.0	1053.9	920.4	803.7	694.8	598.9
47.5°	2676.8	2230.9	1853.7	1552.9	1310.5	1135.5	974.8	845.1	725.9	626.1	538.0
50°	2726.1	2227.0	1803.1	1475.2	1231.4	1059.1	903.4	773.9	655.9	563.9	480.9
52.5°	2749.4	2204.9	1740.8	1399.9	1167.9	991.6	833.5	707.7	591.1	504.3	427.7
55°	2746.8	2147.9	1659.2	1328.7	1098.0	920.4	764.7	640.4	535.4	455.0	388.8
57.5°	2707.9	2059.7	1572.4	1249.6	1005.9	832.2	684.5	563.9	475.7	408.3	352.6
60°	2626.2	1947.0	1458.3	1134.2	890.5	723.4	584.7	480.9	409.6	357.8	321.5
62.5°	2473.2	1784.9	1315.7	973.5	735.0	582.1	461.5	394.0	340.9	309.8	292.9
63°	2427.9	1740.8	1254.8	934.6	698.7	549.6	435.5	365.6	326.7	299.4	283.9
65°	2202.3	1524.4	1050.0	754.4	543.2	423.9	350.0	296.8	273.5	261.9	260.6
67.5°	1783.6	1199.1	742.8	517.2	369.4	306.0	268.3	246.3	235.9	233.3	235.9
70°	1252.2	757.0	471.8	343.5	273.5	246.3	229.4	220.4	213.9	215.2	217.8
72.5°	798.5	453.7	324.1	260.6	230.7	216.5	208.7	206.1	204.8	203.5	203.5
75°	455.0	302.0	248.8	225.6	210.0	198.3	191.8	189.2	190.5	191.8	189.2
77.5°	300.7	248.8	221.7	206.1	191.8	178.9	175.0	173.7	176.3	178.9	178.9
80°	237.2	221.7	206.1	190.5	167.3	158.1	160.7	162.0	160.7	162.0	158.1
82.5°	167.3	164.7	168.6	162.0	138.7	130.9	128.4	129.6	127.1	127.1	124.5
85°	77.8	77.8	81.7	81.7	79.1	80.4	86.9	94.6	98.5	94.6	89.4
87.5°	0.0	0.0	0.0	0.0	0.0	11.6	23.3	33.7	36.3	45.4	44.1
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: P181011

CATALOG NUMBER: ICM-F06-LED-E1-SLL-8030

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8
2.5°	1380.5	1383.1	1381.8	1380.5	1383.1	1380.5	1381.8	1380.5	1380.5	1379.3	1379.3
5°	1424.6	1428.5	1420.7	1419.5	1416.8	1410.3	1410.3	1407.7	1407.7	1402.5	1398.7
7.5°	1453.1	1454.4	1447.9	1446.6	1440.1	1433.7	1428.5	1423.3	1422.0	1418.1	1410.3
10°	1480.3	1477.8	1472.6	1466.1	1459.5	1450.5	1444.0	1437.6	1436.3	1429.8	1420.7
12.5°	1503.6	1502.3	1492.0	1485.5	1475.2	1466.1	1458.3	1450.5	1446.6	1438.9	1425.9
15°	1519.2	1511.5	1498.5	1486.8	1475.2	1464.8	1455.7	1446.6	1442.7	1433.7	1420.7
17.5°	1512.8	1498.5	1481.6	1467.4	1451.8	1438.9	1431.1	1422.0	1415.5	1410.3	1392.2
20°	1489.4	1468.7	1442.7	1425.9	1405.1	1388.3	1383.1	1374.1	1368.8	1349.4	1326.1
22.5°	1428.5	1398.7	1366.2	1341.6	1318.3	1301.4	1288.5	1279.4	1266.4	1254.8	1218.5
25°	1352.0	1318.3	1284.6	1254.8	1223.6	1197.8	1174.4	1152.4	1145.9	1121.3	1086.2
27.5°	1278.1	1240.6	1206.8	1171.8	1131.6	1099.3	1059.1	1027.9	1007.2	981.3	948.8
30°	1199.1	1161.5	1116.1	1069.4	1022.7	987.7	942.4	904.7	878.9	851.6	821.9
32.5°	1099.3	1053.9	999.4	947.5	904.7	863.4	818.0	781.7	755.7	731.1	702.6
35°	985.1	925.5	867.2	810.1	764.7	729.8	689.6	662.4	644.3	622.2	592.4
37.5°	854.2	786.8	724.7	680.6	640.4	606.6	578.1	561.3	541.9	530.1	512.0
40°	722.1	655.9	595.0	554.8	521.1	501.7	486.1	482.2	469.2	453.7	442.0
42.5°	605.4	541.9	482.2	449.8	427.7	422.6	414.8	414.8	408.3	396.7	388.8
45°	526.2	460.2	408.3	385.0	373.3	372.0	368.1	368.1	366.9	361.7	352.6
47.5°	469.2	409.6	369.4	355.2	352.6	350.0	346.1	344.8	343.5	339.6	334.4
50°	417.4	366.9	340.9	334.4	335.7	331.8	327.9	324.1	322.8	318.9	313.7
52.5°	369.4	333.1	316.3	312.4	312.4	312.4	309.8	309.8	307.3	306.0	300.7
55°	342.2	315.0	306.0	304.7	303.4	302.0	299.4	299.4	296.8	295.5	289.0
57.5°	318.9	302.0	296.8	294.2	292.9	290.3	289.0	289.0	289.0	289.0	281.3
60°	300.7	292.9	291.6	289.0	287.8	282.6	280.0	278.7	280.0	281.3	273.5
62.5°	281.3	280.0	278.7	276.1	274.8	269.6	265.8	263.2	265.8	268.3	267.1
63°	276.1	274.8	274.8	273.5	272.2	265.8	261.9	259.3	261.9	264.5	264.5
65°	258.0	259.3	259.3	258.0	256.7	252.7	247.6	245.0	246.3	250.1	251.4
67.5°	238.5	239.8	238.5	239.8	238.5	235.9	232.0	229.4	228.2	229.4	230.7
70°	220.4	223.0	221.7	220.4	219.1	219.1	216.5	212.6	211.3	210.0	210.0
72.5°	204.8	204.8	202.2	202.2	200.9	200.9	198.3	194.4	193.1	193.1	190.5
75°	188.0	188.0	184.1	184.1	181.5	182.8	180.2	176.3	175.0	175.0	173.7
77.5°	177.6	173.7	167.3	166.0	164.7	164.7	163.3	159.4	158.1	158.1	156.8
80°	156.8	149.0	142.6	141.3	142.6	145.2	145.2	142.6	142.6	142.6	142.6
82.5°	121.9	119.3	115.3	112.7	112.7	116.7	121.9	124.5	127.1	129.6	129.6
85°	89.4	90.7	89.4	85.6	84.3	88.2	93.3	98.5	99.8	105.0	103.7
87.5°	48.0	49.3	45.4	44.1	48.0	50.5	55.7	57.0	59.6	60.9	62.2
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: P181011

CATALOG NUMBER: ICM-F06-LED-E1-SLL-8030

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8
2.5°	1378.0	1376.7	1378.0	1375.4	1375.4	1372.8	1370.1	1368.8	1366.2	1364.9	1362.3
5°	1401.2	1397.4	1393.5	1392.2	1387.0	1381.8	1378.0	1371.5	1366.2	1357.2	1354.6
7.5°	1416.8	1407.7	1402.5	1401.2	1393.5	1389.6	1380.5	1372.8	1364.9	1353.3	1349.4
10°	1423.3	1414.2	1405.1	1401.2	1392.2	1385.7	1376.7	1364.9	1358.5	1346.8	1344.2
12.5°	1431.1	1414.2	1399.9	1389.6	1376.7	1362.3	1353.3	1346.8	1337.8	1331.3	1328.7
15°	1416.8	1394.8	1372.8	1353.3	1332.6	1317.0	1307.9	1297.6	1287.2	1283.3	1283.3
17.5°	1378.0	1349.4	1311.8	1287.2	1265.1	1248.3	1236.7	1226.2	1224.9	1219.8	1222.3
20°	1297.6	1260.0	1223.6	1205.5	1192.6	1182.1	1170.5	1165.3	1161.5	1153.7	1151.1
22.5°	1186.1	1155.0	1129.0	1116.1	1105.7	1092.8	1082.3	1066.8	1062.9	1055.2	1051.3
25°	1062.9	1038.3	1016.3	1007.2	1000.8	982.6	976.1	955.4	941.1	932.0	937.2
27.5°	939.8	921.7	900.9	889.2	885.3	868.5	862.1	838.7	827.0	827.0	814.1
30°	812.7	795.9	783.0	770.0	767.4	746.6	729.8	720.7	707.7	702.6	693.5
32.5°	693.5	676.7	666.2	659.8	649.4	632.6	615.7	600.2	579.4	571.6	567.7
35°	583.4	570.3	557.4	552.2	538.0	519.8	499.1	486.1	461.5	452.4	448.5
37.5°	499.1	483.5	474.4	460.2	446.0	426.5	410.9	399.3	390.1	386.3	386.3
40°	431.6	420.0	409.6	398.0	386.3	375.9	368.1	365.6	364.3	364.3	366.9
42.5°	381.1	370.7	365.6	359.1	355.2	355.2	353.9	355.2	356.5	357.8	361.7
45°	347.4	340.9	338.3	337.0	339.6	342.2	343.5	346.1	351.3	353.9	355.2
47.5°	329.2	324.1	322.8	324.1	327.9	333.1	338.3	342.2	346.1	347.4	348.7
50°	311.1	304.7	302.0	304.7	309.8	317.6	321.5	327.9	330.5	333.1	330.5
52.5°	295.5	290.3	289.0	289.0	294.2	299.4	304.7	309.8	311.1	311.1	309.8
55°	282.6	278.7	274.8	277.4	281.3	286.5	294.2	298.1	300.7	302.0	302.0
57.5°	272.2	268.3	264.5	267.1	270.9	276.1	283.9	287.8	290.3	294.2	295.5
60°	264.5	259.3	255.4	259.3	263.2	270.9	277.4	281.3	287.8	289.0	289.0
62.5°	256.7	251.4	245.0	248.8	248.8	252.7	259.3	264.5	270.9	273.5	273.5
63°	255.4	250.1	243.7	246.3	246.3	248.8	254.0	259.3	267.1	269.6	268.3
65°	245.0	243.7	237.2	237.2	234.6	237.2	241.1	246.3	250.1	254.0	254.0
67.5°	228.2	226.9	225.6	225.6	225.6	228.2	230.7	234.6	238.5	241.1	239.8
70°	208.7	208.7	208.7	210.0	210.0	212.6	213.9	212.6	216.5	219.1	217.8
72.5°	191.8	190.5	189.2	191.8	190.5	190.5	193.1	191.8	195.7	195.7	197.0
75°	173.7	172.4	172.4	173.7	171.1	168.6	169.8	169.8	171.1	171.1	173.7
77.5°	158.1	158.1	158.1	156.8	154.2	152.9	151.6	151.6	151.6	151.6	152.9
80°	143.9	143.9	143.9	142.6	140.0	137.4	134.8	133.5	132.2	125.8	125.8
82.5°	129.6	129.6	129.6	129.6	128.4	125.8	121.9	111.4	106.3	101.1	102.4
85°	102.4	105.0	107.6	111.4	110.1	110.1	102.4	89.4	81.7	76.5	77.8
87.5°	66.1	58.3	58.3	57.0	54.4	51.8	51.8	44.1	36.3	32.4	33.7
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: P181011
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REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	0°
2.5°	1362.3	1359.8	1357.2	1357.2	1353.3	1353.3	1350.7	1355.9	1350.7	1346.8	1346.8	2.5°
5°	1352.0	1349.4	1341.6	1340.3	1335.2	1335.2	1335.2	1332.6	1332.6	1330.0	1328.7	5°
7.5°	1345.5	1339.1	1332.6	1328.7	1328.7	1326.1	1331.3	1328.7	1330.0	1330.0	1331.3	7.5°
10°	1340.3	1335.2	1332.6	1331.3	1331.3	1335.2	1339.1	1340.3	1339.1	1340.3	1340.3	10°
12.5°	1327.4	1330.0	1331.3	1336.5	1342.9	1350.7	1359.8	1361.0	1363.6	1363.6	1366.2	12.5°
15°	1285.9	1292.4	1300.2	1313.1	1330.0	1346.8	1363.6	1378.0	1390.9	1397.4	1402.5	15°
17.5°	1227.5	1234.1	1248.3	1262.5	1284.6	1309.2	1337.8	1362.3	1389.6	1414.2	1438.9	17.5°
20°	1148.5	1158.9	1162.7	1188.7	1214.6	1248.3	1282.0	1320.8	1367.5	1414.2	1462.1	20°
22.5°	1046.1	1057.8	1075.9	1096.7	1123.8	1165.3	1205.5	1266.4	1328.7	1394.8	1470.0	22.5°
25°	932.0	944.9	960.6	982.6	1009.8	1053.9	1112.2	1177.0	1253.5	1340.3	1433.7	25°
27.5°	814.1	827.0	840.0	855.5	886.6	933.3	1002.1	1069.4	1153.7	1248.3	1357.2	27.5°
30°	696.1	697.4	705.1	724.7	757.0	818.0	868.5	952.8	1040.9	1140.8	1266.4	30°
32.5°	566.4	565.2	574.2	591.1	622.2	680.6	742.8	824.4	911.3	1037.0	1166.6	32.5°
35°	451.1	451.1	467.9	484.8	519.8	561.3	615.7	688.3	790.7	907.4	1037.0	35°
37.5°	390.1	399.3	409.6	426.5	453.7	486.1	534.0	597.6	678.0	789.4	908.7	37.5°
40°	370.7	375.9	385.0	400.6	423.9	453.7	488.7	536.7	598.9	688.3	797.2	40°
42.5°	363.0	364.3	369.4	381.1	401.9	431.6	467.9	510.7	557.4	620.9	715.5	42.5°
45°	355.2	353.9	356.5	365.6	382.4	416.1	457.6	504.3	550.9	604.1	681.9	45°
47.5°	348.7	348.7	348.7	352.6	368.1	401.9	449.8	504.3	560.0	619.6	696.1	47.5°
50°	330.5	329.2	329.2	331.8	343.5	379.8	436.8	503.0	575.5	653.3	740.2	50°
52.5°	309.8	309.8	311.1	312.4	322.8	359.1	422.6	503.0	593.7	697.4	806.2	52.5°
55°	303.4	304.7	306.0	304.7	312.4	343.5	407.0	495.2	601.5	732.4	877.6	55°
57.5°	298.1	300.7	300.7	299.4	304.7	330.5	391.4	479.6	595.0	745.3	928.1	57.5°
60°	290.3	290.3	290.3	286.5	289.0	312.4	368.1	455.0	574.2	733.7	935.9	60°
62.5°	273.5	273.5	270.9	269.6	268.3	286.5	337.0	418.7	536.7	702.6	916.5	62.5°
63°	269.6	268.3	268.3	264.5	264.5	281.3	330.5	413.5	526.2	694.8	908.7	63°
65°	255.4	255.4	255.4	252.7	251.4	264.5	304.7	377.2	486.1	658.5	869.8	65°
67.5°	239.8	241.1	238.5	237.2	235.9	243.7	274.8	331.8	423.9	582.1	797.2	67.5°
70°	217.8	219.1	219.1	217.8	216.5	221.7	241.1	285.2	351.3	484.8	679.3	70°
72.5°	198.3	200.9	200.9	203.5	203.5	207.4	215.2	237.2	281.3	378.5	534.0	72.5°
75°	177.6	178.9	181.5	184.1	181.5	180.2	181.5	198.3	220.4	280.0	381.1	75°
77.5°	159.4	163.3	163.3	162.0	158.1	155.5	155.5	163.3	181.5	212.6	272.2	77.5°
80°	132.2	138.7	140.0	136.1	132.2	132.2	134.8	140.0	151.6	175.0	206.1	80°
82.5°	106.3	112.7	114.0	115.3	114.0	118.0	118.0	119.3	125.8	143.9	168.6	82.5°
85°	81.7	86.9	90.7	92.0	93.3	94.6	93.3	86.9	90.7	102.4	114.0	85°
87.5°	36.3	37.6	35.0	36.3	35.0	36.3	37.6	31.1	29.8	40.2	41.5	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: P181011

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DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8
1345.5	1345.5	1346.8	1344.2	1344.2	1345.5	1341.6
1324.8	1330.0	1330.0	1330.0	1327.4	1330.0	1331.3
1330.0	1333.9	1336.5	1336.5	1335.2	1340.3	1344.2
1336.5	1342.9	1345.5	1345.5	1345.5	1352.0	1361.0
1361.0	1366.2	1370.1	1370.1	1372.8	1380.5	1390.9
1406.4	1412.9	1412.9	1411.6	1419.5	1428.5	1440.1
1457.0	1475.2	1484.2	1482.9	1489.4	1501.0	1514.1
1504.9	1555.5	1577.6	1593.1	1599.5	1615.2	1619.0
1545.1	1629.4	1690.3	1742.2	1766.8	1782.3	1800.5
1530.9	1644.9	1753.9	1860.1	1935.4	2011.8	2044.2
1472.6	1615.2	1757.7	1913.3	2049.4	2185.5	2284.0
1401.2	1572.4	1764.2	1984.6	2199.7	2408.5	2574.3
1319.6	1532.2	1778.4	2050.7	2333.2	2606.8	2846.6
1217.2	1455.7	1743.5	2057.1	2390.3	2722.2	3033.2
1087.5	1352.0	1661.8	2010.5	2392.9	2772.7	3144.8
958.0	1221.0	1558.1	1943.1	2359.2	2784.4	3214.7
867.2	1104.4	1453.1	1857.5	2304.8	2766.2	3248.4
804.9	1020.2	1359.8	1779.7	2246.4	2733.8	3253.6
799.8	983.8	1298.9	1722.7	2199.7	2705.3	3253.6
843.8	1003.3	1278.1	1694.2	2180.3	2696.2	3256.2
926.8	1081.1	1315.7	1716.3	2195.8	2707.9	3267.8
1026.6	1199.1	1416.8	1792.8	2262.0	2746.8	3293.8
1117.4	1335.2	1589.2	1940.5	2382.5	2845.3	3366.3
1170.5	1451.8	1772.0	2147.9	2588.7	3041.0	3511.6
1177.0	1516.7	1934.1	2373.4	2838.8	3265.3	3743.6
1171.8	1521.8	1954.8	2416.2	2891.9	3321.0	3823.9
1143.3	1523.1	2013.1	2566.6	3076.0	3555.6	4048.2
1070.7	1481.6	2033.9	2684.6	3308.0	3864.1	4466.9
944.9	1363.6	1972.9	2687.2	3397.5	4036.6	4731.4
759.6	1139.4	1709.8	2444.8	3161.6	3866.7	4662.6
556.1	837.4	1292.4	1893.9	2579.6	3218.6	3993.8
369.4	541.9	871.1	1349.4	1849.8	2316.4	2875.1
254.0	335.7	509.4	811.4	1131.6	1358.5	1831.6
186.7	221.7	282.6	414.8	544.5	670.1	956.7
116.7	127.1	141.3	204.8	292.9	395.4	596.3
31.1	32.4	29.8	40.2	63.5	60.9	67.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)