

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: P181107

Luminaire Tested: **ICM-E06-LED-E1-SLR-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181107
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-E06-LED-E1-SLR-7030
Description: ICON SITE MEDIUM LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (126) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14184.4 lumens
Efficiency: N/A
Efficacy: 94.2 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

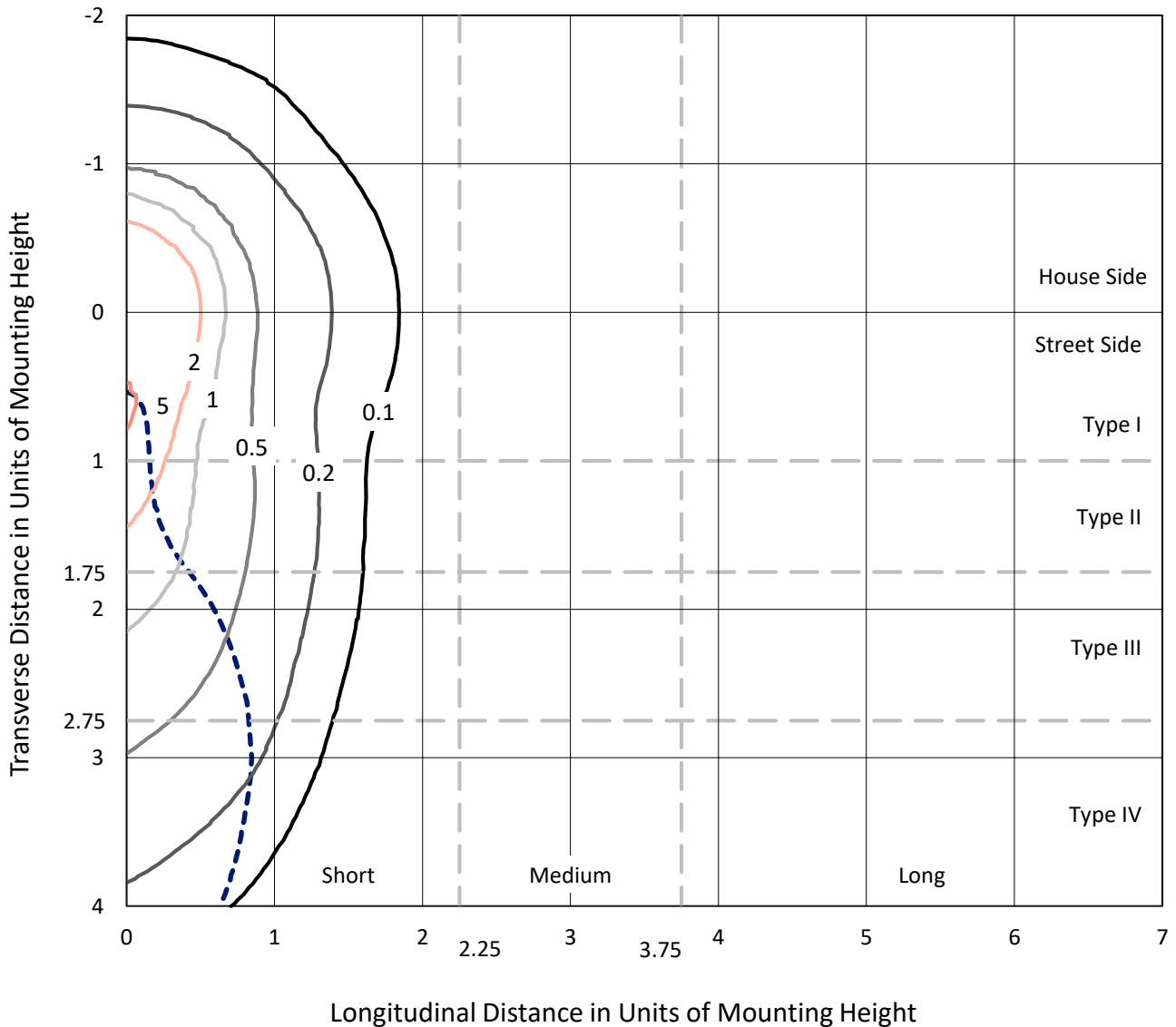
Input Watts (W): 150.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

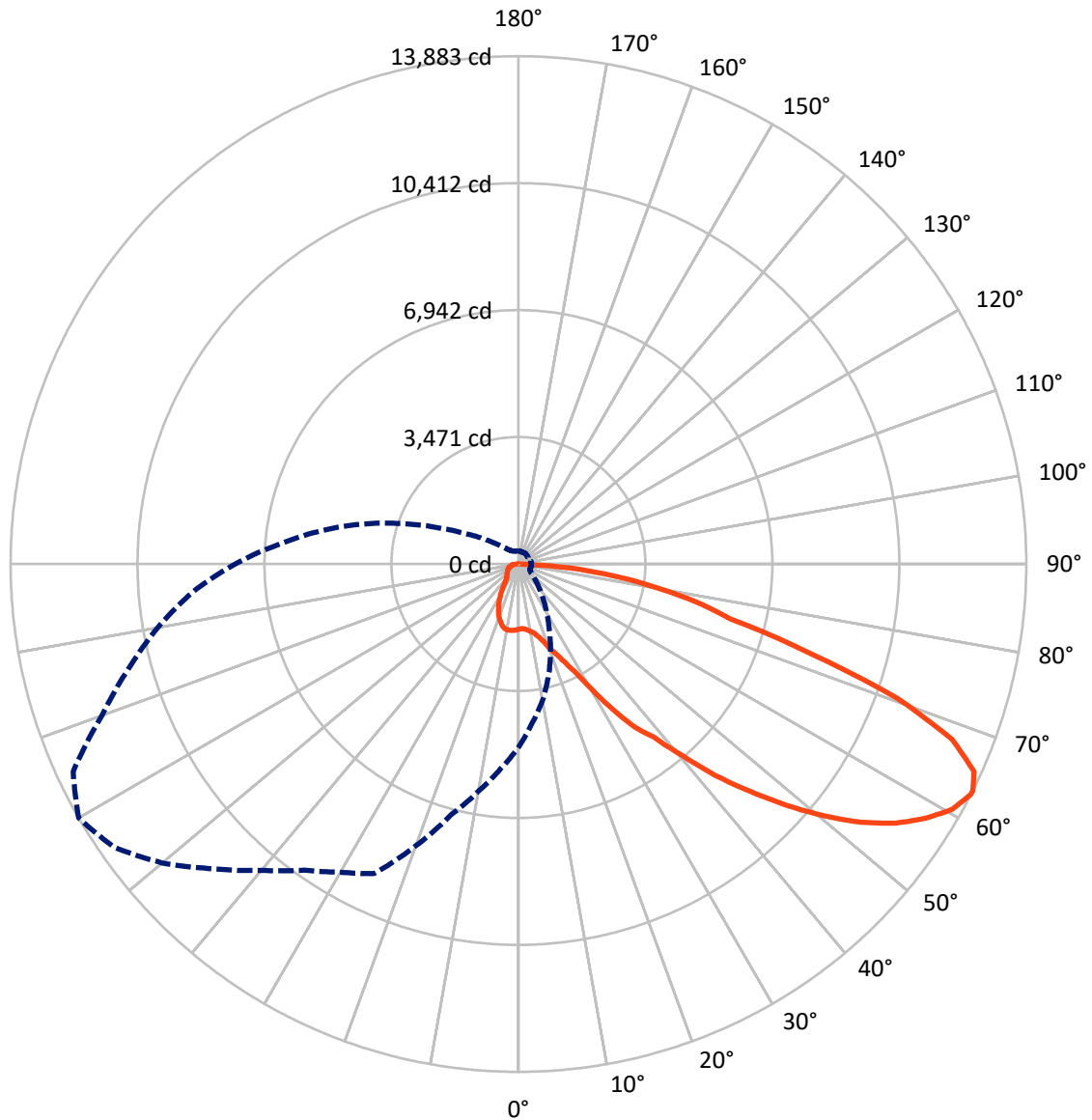
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 5.6 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 300-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3075.8	0.0	3075.8
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	11108.6	0.0	11108.6
	% Fixture	78.3	0.0	78.3
Total	Lumens	14184.4	0.0	14184.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	173.5	1.2
10°-20°	540.4	3.8
20°-30°	960.1	6.8
30°-40°	1511.9	10.7
40°-50°	2225.0	15.7
50°-60°	2955.4	20.8
60°-70°	3255.4	23.0
70°-80°	2042.4	14.4
80°-90°	520.2	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°	14184.4	100.0
0°-180°	14184.4	100.0



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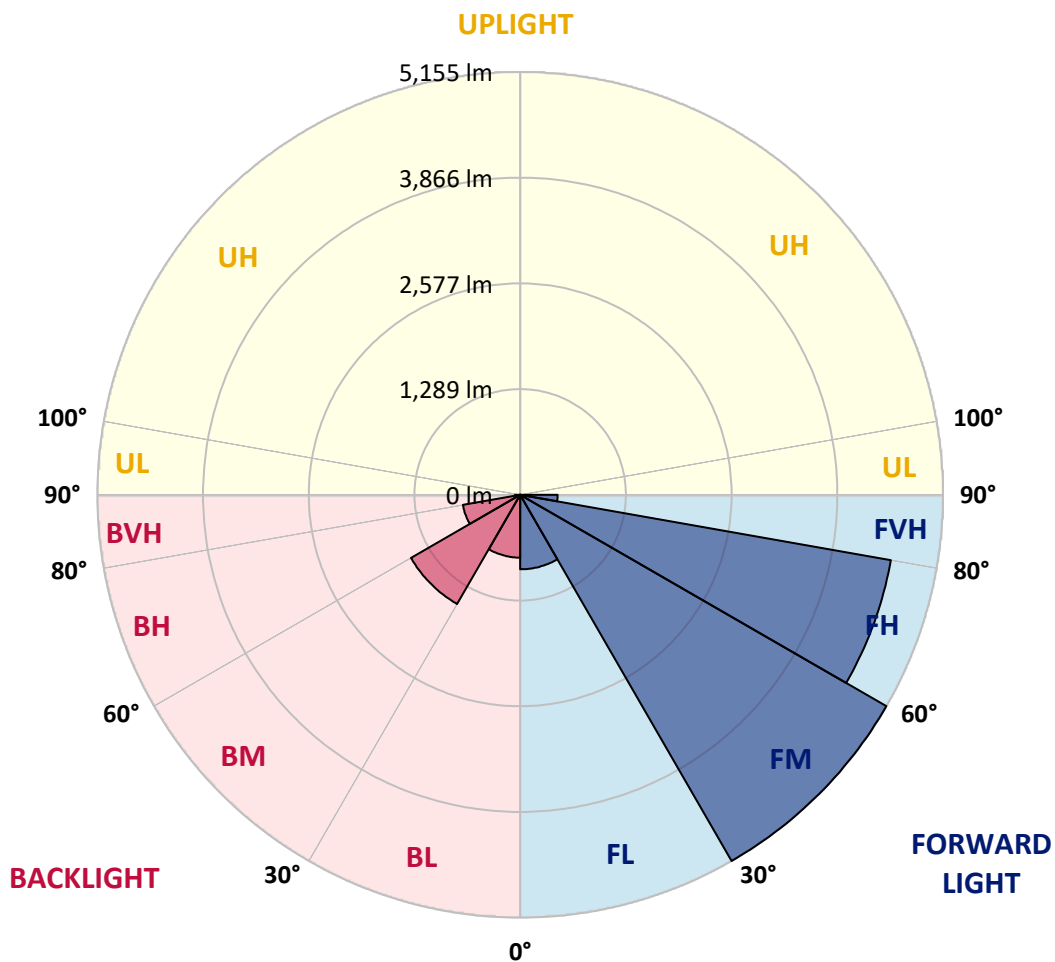
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	908.2	6.4			
FM (30°-60°)	5154.9	36.3			
FH (60°-80°)	4588.9	32.4			G2/5000
FVH (80°-90°)	456.5	3.2			G3/500
BL (0°-30°)	765.8	5.4	B2/1000		
BM (30°-60°)	1537.4	10.8	B2/2500		
BH (60°-80°)	709.0	5.0	B2/1000		G2/1000
BVH (80°-90°)	63.7	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





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5
2.5°	1758.7	1763.8	1762.2	1762.2	1765.5	1763.8	1763.8	1765.5	1765.5	1770.6	1777.4
5°	1745.1	1743.5	1740.0	1743.5	1743.5	1743.5	1736.7	1741.8	1743.5	1746.8	1746.8
7.5°	1762.2	1757.0	1750.2	1751.9	1751.9	1748.6	1743.5	1745.1	1743.5	1743.5	1741.8
10°	1784.2	1772.3	1763.8	1763.8	1763.8	1760.5	1751.9	1757.0	1757.0	1755.4	1757.0
12.5°	1823.3	1809.7	1799.5	1796.1	1796.1	1791.0	1784.2	1791.0	1787.6	1787.6	1784.2
15°	1887.9	1872.6	1860.7	1850.5	1852.2	1852.2	1843.7	1838.6	1831.8	1823.3	1806.3
17.5°	1984.8	1967.7	1952.5	1943.9	1945.7	1933.8	1910.0	1886.2	1853.9	1821.6	1786.0
20°	2122.3	2117.3	2096.9	2088.4	2068.0	2039.1	1972.8	1916.8	1853.9	1792.8	1731.5
22.5°	2360.3	2336.5	2316.1	2283.8	2215.8	2136.0	2025.5	1927.0	1828.4	1741.8	1660.2
25°	2679.7	2637.2	2537.0	2438.4	2299.1	2156.4	2006.8	1879.4	1757.0	1643.2	1542.9
27.5°	2994.1	2864.9	2686.5	2508.1	2304.2	2117.3	1930.3	1779.2	1636.4	1512.4	1401.9
30°	3374.7	3157.2	2883.6	2601.6	2312.7	2061.2	1836.9	1660.2	1495.4	1364.5	1248.9
32.5°	3731.6	3417.2	3058.7	2688.2	2331.4	2008.6	1729.9	1529.3	1359.5	1194.6	1080.8
35°	3976.3	3568.5	3133.4	2696.8	2285.5	1908.3	1595.6	1359.5	1189.5	1036.6	902.3
37.5°	4122.4	3634.7	3136.9	2635.6	2178.4	1772.3	1425.7	1191.2	1034.9	888.7	783.4
40°	4214.2	3650.1	3092.7	2547.2	2042.5	1600.8	1255.7	1045.0	902.3	785.0	703.5
42.5°	4258.4	3626.3	3021.3	2435.1	1904.8	1447.7	1136.8	938.0	814.0	730.7	669.5
45°	4265.1	3583.7	2944.9	2333.1	1782.5	1337.3	1055.3	893.8	791.8	722.1	661.0
47.5°	4265.1	3546.3	2883.6	2258.3	1702.7	1289.8	1048.5	912.5	812.3	734.1	661.0
50°	4268.6	3534.4	2858.2	2220.9	1675.5	1315.3	1106.2	970.2	856.5	754.5	659.4
52.5°	4283.8	3549.8	2878.5	2249.9	1724.8	1417.2	1215.0	1056.9	914.2	778.2	659.4
55°	4317.8	3600.8	2965.2	2350.1	1857.3	1571.8	1345.8	1150.4	960.1	788.5	649.1
57.5°	4413.0	3729.9	3123.3	2543.8	2083.3	1750.2	1464.8	1216.7	977.1	780.0	628.7
60°	4603.3	3986.4	3393.4	2815.6	2322.9	1903.2	1534.4	1226.9	961.8	752.7	596.5
62.5°	4907.5	4280.5	3721.4	3111.4	2535.3	1988.1	1542.9	1201.4	921.0	703.5	548.8
63°	5012.9	4353.5	3791.1	3167.5	2562.5	1994.9	1536.1	1191.2	910.8	689.9	542.0
65°	5306.8	4661.1	4032.4	3364.6	2639.0	1996.7	1498.8	1140.2	863.3	637.2	494.5
67.5°	5855.7	5065.5	4336.5	3519.2	2666.2	1942.2	1403.6	1045.0	763.0	555.6	435.0
70°	6202.4	5291.5	4453.8	3522.6	2586.2	1787.6	1238.8	890.4	635.5	460.5	373.9
72.5°	6112.2	5068.9	4144.5	3204.9	2241.3	1493.7	995.7	700.1	496.2	368.7	311.0
75°	5235.5	4219.3	3381.5	2482.6	1694.1	1097.7	729.0	499.5	367.1	288.8	260.0
77.5°	3769.0	3036.6	2424.9	1768.9	1141.9	710.3	484.3	356.8	278.7	237.9	214.1
80°	2401.0	1780.8	1483.5	1063.7	667.8	440.1	333.0	270.1	229.4	198.8	183.5
82.5°	1254.1	878.5	713.7	543.7	370.4	290.6	244.7	220.9	188.7	164.8	156.4
85°	781.7	518.2	384.0	268.5	185.2	166.5	152.9	149.5	134.2	119.0	113.9
87.5°	88.4	79.9	83.3	52.7	39.1	42.5	40.7	54.4	52.7	39.1	40.7
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°	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5
2.5°	1770.6	1774.1	1774.1	1779.2	1779.2	1782.5	1786.0	1786.0	1789.3	1791.0	1794.4
5°	1750.2	1750.2	1750.2	1757.0	1758.7	1768.9	1772.3	1775.7	1779.2	1791.0	1797.8
7.5°	1745.1	1738.3	1741.8	1741.8	1746.8	1755.4	1763.8	1768.9	1774.1	1789.3	1799.5
10°	1755.4	1750.2	1745.1	1745.1	1746.8	1750.2	1757.0	1762.2	1765.5	1780.8	1789.3
12.5°	1782.5	1770.6	1760.5	1751.9	1745.1	1743.5	1740.0	1741.8	1745.1	1753.7	1765.5
15°	1787.6	1765.5	1743.5	1721.3	1704.4	1694.1	1685.7	1682.2	1682.2	1687.4	1700.9
17.5°	1753.7	1716.3	1684.0	1655.1	1636.4	1617.7	1609.2	1602.4	1599.0	1605.8	1607.5
20°	1680.6	1636.4	1592.2	1558.2	1524.3	1519.2	1505.6	1508.9	1512.4	1522.5	1527.6
22.5°	1580.3	1527.6	1473.2	1437.6	1410.4	1386.6	1371.3	1378.1	1383.2	1393.4	1398.5
25°	1458.0	1381.5	1323.7	1288.0	1259.2	1238.8	1221.8	1228.6	1221.8	1233.7	1252.4
27.5°	1313.5	1223.4	1162.3	1121.5	1101.1	1084.1	1067.2	1067.2	1084.1	1084.1	1099.4
30°	1138.5	1072.2	992.4	949.9	924.4	914.2	912.5	909.1	921.0	927.8	944.7
32.5°	973.7	892.1	815.6	774.9	752.7	740.8	742.6	744.3	749.4	759.5	786.8
35°	807.2	735.8	681.4	635.5	613.4	591.4	591.4	587.9	593.0	604.9	637.2
37.5°	700.1	637.2	594.7	559.1	536.9	523.4	511.4	506.4	506.4	511.4	523.4
40°	640.7	594.7	555.6	525.1	504.7	492.7	486.0	480.9	477.5	477.5	479.2
42.5°	613.4	565.9	526.8	499.5	484.3	477.5	475.8	474.0	469.0	467.3	465.6
45°	599.8	545.5	501.3	479.2	467.3	463.9	465.6	465.6	463.9	460.5	453.7
47.5°	589.7	526.8	482.6	462.2	457.1	457.1	457.1	457.1	455.4	453.7	448.6
50°	572.7	497.9	450.3	435.0	431.6	431.6	433.3	433.3	436.7	433.3	430.0
52.5°	554.0	470.7	423.1	409.5	407.8	406.1	406.1	406.1	407.8	407.8	406.1
55°	533.6	450.3	409.5	399.4	401.0	399.4	397.6	395.9	395.9	394.2	390.8
57.5°	513.2	433.3	399.4	392.6	394.2	394.2	390.8	387.4	385.8	380.7	377.2
60°	482.6	409.5	379.0	375.5	380.7	380.7	380.7	379.0	379.0	377.2	368.7
62.5°	441.8	375.5	351.7	353.5	355.2	358.5	358.5	358.5	358.5	355.2	346.6
63°	433.3	368.7	346.6	346.6	351.7	351.7	353.5	351.7	353.5	350.0	339.8
65°	399.4	346.6	329.7	331.4	334.8	334.8	334.8	333.0	333.0	328.0	322.9
67.5°	360.3	319.4	309.3	311.0	312.7	316.1	314.3	314.3	316.1	312.7	307.5
70°	316.1	290.6	283.8	285.5	287.2	287.2	285.5	285.5	287.2	283.8	278.7
72.5°	282.0	271.9	266.8	266.8	263.4	263.4	260.0	258.3	256.6	256.6	251.5
75°	237.9	236.2	237.9	241.3	237.9	234.5	232.8	227.7	224.3	224.3	222.6
77.5°	203.9	203.9	207.4	212.4	214.1	214.1	209.0	200.6	198.8	198.8	198.8
80°	176.7	173.3	173.3	178.4	183.5	181.9	173.3	164.8	164.8	173.3	175.1
82.5°	154.6	154.6	149.5	151.3	149.5	147.8	139.3	134.2	132.6	139.3	146.1
85°	122.3	124.0	122.3	120.7	119.0	113.9	107.1	102.0	100.3	107.1	117.2
87.5°	49.3	47.5	45.9	47.5	45.9	49.3	47.5	44.2	42.5	47.5	57.8
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5
2.5°	1796.1	1799.5	1802.9	1802.9	1806.3	1804.7	1806.3	1808.0	1808.0	1809.7	1809.7
5°	1806.3	1811.5	1818.2	1825.0	1826.7	1831.8	1836.9	1833.5	1838.6	1845.4	1845.4
7.5°	1809.7	1821.6	1826.7	1836.9	1838.6	1845.4	1857.3	1848.8	1859.0	1864.1	1865.8
10°	1804.7	1816.5	1825.0	1836.9	1842.0	1853.9	1865.8	1862.4	1874.3	1882.8	1884.5
12.5°	1774.1	1786.0	1804.7	1821.6	1835.2	1853.9	1876.0	1869.2	1886.2	1896.4	1901.5
15°	1714.5	1726.4	1746.8	1774.1	1799.5	1828.4	1857.3	1862.4	1879.4	1891.3	1896.4
17.5°	1621.1	1636.4	1658.5	1687.4	1719.6	1768.9	1806.3	1825.0	1848.8	1855.6	1864.1
20°	1534.4	1549.8	1563.4	1580.3	1604.1	1651.7	1700.9	1738.3	1768.9	1794.4	1801.2
22.5°	1418.9	1432.5	1449.5	1463.1	1480.1	1514.1	1554.8	1597.3	1644.8	1660.2	1677.2
25°	1279.5	1288.0	1311.8	1320.3	1332.2	1361.1	1393.4	1424.0	1469.9	1502.1	1510.6
27.5°	1130.1	1138.5	1160.6	1165.7	1181.0	1208.2	1232.0	1243.8	1286.3	1320.3	1347.5
30°	956.7	978.8	1006.0	1009.4	1026.3	1043.4	1065.4	1077.3	1116.4	1152.1	1186.1
32.5°	807.2	829.2	851.4	864.9	873.4	887.0	909.1	921.0	958.4	990.7	1024.7
35°	654.2	681.4	705.2	723.9	730.7	747.6	764.7	776.6	815.6	844.6	868.3
37.5°	538.7	559.1	584.6	603.3	622.0	633.9	654.2	671.2	695.0	710.3	735.8
40°	482.6	492.7	506.4	521.7	536.9	550.6	565.9	579.4	594.7	615.2	632.1
42.5°	463.9	465.6	465.6	470.7	479.2	486.0	499.5	509.8	520.0	535.3	543.7
45°	450.3	448.6	445.2	441.8	443.5	446.9	455.4	462.2	474.0	480.9	482.6
47.5°	443.5	436.7	430.0	424.8	423.1	424.8	431.6	438.4	445.2	450.3	452.0
50°	421.4	416.3	406.1	399.4	395.9	399.4	407.8	411.3	418.0	423.1	424.8
52.5°	399.4	392.6	385.8	379.0	379.0	380.7	387.4	394.2	401.0	402.7	406.1
55°	385.8	375.5	368.7	363.6	360.3	365.3	370.4	379.0	387.4	389.1	392.6
57.5°	372.1	362.0	355.2	350.0	346.6	351.7	356.8	368.7	379.0	379.0	379.0
60°	363.6	355.2	344.9	339.8	334.8	339.8	346.6	358.5	368.7	367.1	365.3
62.5°	339.8	331.4	326.2	326.2	321.1	329.7	336.5	350.0	351.7	348.4	344.9
63°	333.0	326.2	322.9	322.9	319.4	328.0	334.8	346.6	346.6	343.3	339.8
65°	316.1	311.0	307.5	311.0	311.0	319.4	321.1	329.7	328.0	322.9	321.1
67.5°	302.5	299.1	295.6	295.6	295.6	297.4	299.1	302.5	300.7	299.1	300.7
70°	280.4	278.7	275.3	275.3	273.6	273.6	273.6	275.3	275.3	277.0	278.7
72.5°	253.2	249.8	249.8	251.5	248.1	249.8	251.5	249.8	253.2	253.2	254.9
75°	222.6	220.9	224.3	227.7	226.0	226.0	227.7	227.7	229.4	229.4	231.1
77.5°	198.8	200.6	202.2	205.6	207.4	207.4	207.4	205.6	207.4	207.4	209.0
80°	176.7	180.1	183.5	186.9	188.7	188.7	188.7	186.9	186.9	186.9	186.9
82.5°	159.7	164.8	168.2	170.0	170.0	170.0	170.0	170.0	170.0	166.5	163.2
85°	134.2	144.5	144.5	146.1	141.0	137.7	134.2	135.9	137.7	130.9	129.1
87.5°	68.0	68.0	71.3	74.8	76.5	76.5	86.7	81.6	79.9	78.1	74.8
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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CATALOG NUMBER: ICM-E06-LED-E1-SLR-7030

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5
2.5°	1811.5	1809.7	1813.1	1809.7	1811.5	1813.1	1809.7	1814.8	1818.2	1813.1	1808.0
5°	1848.8	1848.8	1857.3	1860.7	1862.4	1872.6	1867.5	1870.9	1874.3	1872.6	1874.3
7.5°	1872.6	1879.4	1887.9	1896.4	1898.1	1906.6	1904.8	1910.0	1913.4	1921.9	1921.9
10°	1892.9	1901.5	1913.4	1921.9	1930.3	1937.1	1940.6	1950.8	1952.5	1959.3	1959.3
12.5°	1911.6	1921.9	1933.8	1947.4	1955.8	1969.4	1971.2	1986.4	1991.5	1993.2	1988.1
15°	1908.3	1920.2	1933.8	1949.0	1964.4	1981.3	1991.5	2006.8	2015.4	2018.7	2010.2
17.5°	1876.0	1886.2	1903.2	1923.5	1942.2	1964.4	1983.1	2005.1	2018.7	2022.2	2020.4
20°	1813.1	1819.9	1842.0	1869.2	1891.3	1925.3	1952.5	1986.4	2008.6	2025.5	2030.6
22.5°	1689.0	1706.1	1728.2	1758.7	1791.0	1833.5	1872.6	1921.9	1969.4	2010.2	2051.0
25°	1539.5	1570.1	1604.1	1644.8	1684.0	1728.2	1772.3	1828.4	1898.1	1983.1	2079.9
27.5°	1388.3	1440.9	1483.5	1536.1	1582.1	1626.2	1675.5	1736.7	1813.1	1915.1	2039.1
30°	1235.4	1294.8	1340.8	1401.9	1463.1	1522.5	1571.8	1636.4	1711.2	1814.8	1950.8
32.5°	1072.2	1131.7	1186.1	1242.1	1310.1	1381.5	1440.9	1520.8	1600.8	1707.7	1845.4
35°	904.0	956.7	1002.6	1062.1	1136.8	1213.3	1291.4	1383.2	1469.9	1582.1	1728.2
37.5°	757.9	795.3	839.4	892.1	949.9	1031.4	1119.8	1228.6	1327.2	1449.5	1599.0
40°	637.2	657.6	683.1	727.3	780.0	859.8	946.5	1062.1	1181.0	1315.3	1459.6
42.5°	543.7	554.0	560.7	589.7	632.1	710.3	793.6	905.7	1036.6	1182.7	1328.8
45°	482.6	487.7	489.4	504.7	535.3	603.3	689.9	785.0	910.8	1053.6	1206.5
47.5°	453.7	458.8	462.2	465.6	484.3	536.9	615.2	705.2	820.7	951.6	1107.9
50°	430.0	435.0	440.1	438.4	446.9	480.9	547.2	630.4	739.2	859.8	1014.4
52.5°	406.1	409.5	409.5	409.5	414.6	436.7	484.3	560.7	661.0	774.9	927.8
55°	392.6	395.9	397.6	399.4	401.0	412.9	448.6	509.8	596.5	701.8	839.4
57.5°	379.0	380.7	384.0	385.8	389.1	395.9	418.0	462.2	535.3	623.6	739.2
60°	367.1	370.4	377.2	379.0	382.3	384.0	394.2	421.4	469.0	536.9	630.4
62.5°	348.4	353.5	360.3	362.0	365.3	367.1	368.7	384.0	406.1	446.9	516.6
63°	343.3	348.4	356.8	358.5	360.3	360.3	362.0	372.1	392.6	428.2	479.2
65°	324.6	331.4	336.5	338.1	339.8	339.8	338.1	341.6	343.3	358.5	389.1
67.5°	304.2	309.3	312.7	314.3	312.7	314.3	312.7	309.3	305.9	309.3	322.9
70°	283.8	287.2	287.2	288.8	290.6	292.3	288.8	285.5	282.0	280.4	288.8
72.5°	260.0	263.4	263.4	265.1	265.1	268.5	268.5	266.8	266.8	268.5	270.1
75°	236.2	239.6	237.9	241.3	241.3	246.4	246.4	248.1	251.5	249.8	248.1
77.5°	214.1	215.8	215.8	217.5	219.2	227.7	232.8	234.5	234.5	231.1	227.7
80°	190.3	190.3	186.9	185.2	186.9	195.4	205.6	207.4	212.4	210.7	212.4
82.5°	159.7	152.9	147.8	147.8	151.3	156.4	159.7	163.2	166.5	166.5	170.0
85°	122.3	115.5	110.4	112.2	117.2	119.0	117.2	117.2	124.0	129.1	124.0
87.5°	73.0	66.2	62.9	57.8	59.4	64.6	62.9	57.8	59.4	47.5	44.2
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: P181107

CATALOG NUMBER: ICM-E06-LED-E1-SLR-7030

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5
2.5°	1811.5	1809.7	1806.3	1801.2	1799.5	1796.1	1797.8	1792.8	1789.3	1786.0	1780.8
5°	1874.3	1874.3	1864.1	1864.1	1859.0	1857.3	1845.4	1840.3	1830.2	1833.5	1821.6
7.5°	1918.4	1923.5	1911.6	1910.0	1903.2	1901.5	1886.2	1881.1	1872.6	1869.2	1859.0
10°	1950.8	1950.8	1935.5	1923.5	1915.1	1906.6	1891.3	1884.5	1877.7	1879.4	1872.6
12.5°	1976.3	1964.4	1942.2	1925.3	1913.4	1904.8	1892.9	1887.9	1886.2	1898.1	1899.8
15°	1996.7	1979.6	1952.5	1940.6	1930.3	1928.7	1928.7	1933.8	1945.7	1967.7	1984.8
17.5°	2008.6	1998.3	1984.8	1981.3	1998.3	2008.6	2022.2	2037.4	2054.4	2085.0	2103.7
20°	2030.6	2037.4	2047.6	2061.2	2088.4	2113.9	2130.9	2152.9	2173.4	2210.7	2241.3
22.5°	2088.4	2127.5	2159.7	2187.0	2227.7	2263.5	2285.5	2316.1	2331.4	2356.9	2404.5
25°	2163.2	2243.0	2311.0	2368.8	2431.6	2469.0	2499.6	2538.7	2562.5	2604.9	2647.5
27.5°	2141.0	2254.9	2356.9	2463.9	2550.6	2647.5	2715.5	2780.0	2820.8	2883.6	2939.7
30°	2073.1	2209.0	2346.7	2487.7	2625.4	2764.7	2893.9	3011.1	3101.1	3191.2	3283.0
32.5°	1981.3	2137.7	2305.9	2479.3	2659.4	2853.0	3031.5	3208.2	3357.8	3488.6	3616.0
35°	1876.0	2052.8	2227.7	2441.9	2664.5	2910.8	3158.9	3403.6	3631.4	3862.4	4018.7
37.5°	1750.2	1930.3	2125.8	2372.2	2633.9	2938.1	3254.1	3573.6	3896.4	4207.4	4477.6
40°	1616.0	1799.5	2005.1	2271.9	2567.6	2921.0	3315.3	3745.1	4188.7	4639.0	4997.5
42.5°	1497.0	1685.7	1910.0	2180.2	2501.3	2899.0	3364.6	3893.0	4435.1	4992.4	5519.2
45°	1381.5	1588.8	1825.0	2115.5	2472.4	2915.9	3437.6	4030.6	4656.0	5332.3	5974.6
47.5°	1277.9	1488.6	1718.0	2035.7	2430.0	2924.5	3509.0	4168.3	4865.0	5597.4	6360.3
50°	1184.4	1388.3	1614.3	1933.8	2363.6	2919.4	3573.6	4292.3	5045.1	5806.4	6657.7
52.5°	1092.7	1299.9	1531.1	1835.2	2282.2	2890.4	3604.1	4394.3	5211.7	6017.1	6897.3
55°	1002.6	1206.5	1439.3	1741.8	2175.1	2815.6	3600.8	4460.6	5344.2	6215.9	7128.4
57.5°	897.2	1090.9	1318.6	1638.1	2061.2	2700.1	3549.8	4491.2	5458.1	6413.1	7405.4
60°	766.3	948.2	1167.4	1486.9	1911.6	2552.3	3442.7	4474.2	5524.3	6559.2	7641.6
62.5°	604.9	763.0	963.4	1276.2	1724.8	2339.9	3242.2	4319.6	5418.9	6538.7	7752.0
63°	571.0	720.5	915.9	1225.2	1644.8	2282.2	3182.7	4258.4	5367.9	6496.3	7736.8
65°	458.8	555.6	712.0	988.9	1376.4	1998.3	2887.1	3944.0	5094.4	6197.2	7515.9
67.5°	351.7	401.0	484.3	678.1	973.7	1571.8	2338.2	3342.4	4421.5	5458.1	6803.9
70°	300.7	322.9	358.5	450.3	618.5	992.4	1641.5	2492.9	3427.5	4326.4	5536.2
72.5°	273.6	283.8	302.5	341.6	424.8	594.7	1046.7	1622.8	2331.4	3084.2	4018.7
75°	251.5	260.0	275.3	295.6	326.2	395.9	596.5	992.4	1515.7	2025.5	2712.0
77.5°	229.4	234.5	251.5	270.1	290.6	326.2	394.2	571.0	871.7	1194.6	1634.7
80°	210.7	207.4	219.2	249.8	270.1	290.6	311.0	370.4	496.2	654.2	883.6
82.5°	168.2	171.6	181.9	212.4	220.9	215.8	219.2	229.4	277.0	302.5	452.0
85°	113.9	105.4	103.6	107.1	107.1	102.0	102.0	100.3	110.4	125.8	215.8
87.5°	30.6	15.3	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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REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	0°
2.5°	1777.4	1775.7	1777.4	1768.9	1768.9	1767.3	1765.5	1762.2	1762.2	1755.4	1760.5	2.5°
5°	1811.5	1808.0	1801.2	1791.0	1786.0	1779.2	1779.2	1772.3	1767.3	1760.5	1762.2	5°
7.5°	1850.5	1852.2	1840.3	1831.8	1828.4	1821.6	1823.3	1813.1	1814.8	1809.7	1806.3	7.5°
10°	1872.6	1872.6	1876.0	1874.3	1877.7	1877.7	1882.8	1876.0	1872.6	1867.5	1867.5	10°
12.5°	1908.3	1915.1	1928.7	1928.7	1938.9	1942.2	1943.9	1947.4	1940.6	1937.1	1925.3	12.5°
15°	1996.7	2013.6	2025.5	2042.5	2062.9	2069.7	2069.7	2062.9	2059.5	2054.4	2032.3	15°
17.5°	2142.8	2180.2	2190.3	2217.5	2220.9	2229.4	2253.2	2239.6	2231.2	2195.5	2188.7	17.5°
20°	2292.3	2339.9	2387.5	2421.4	2438.4	2472.4	2477.5	2470.7	2436.8	2402.8	2387.5	20°
22.5°	2472.4	2543.8	2598.2	2650.9	2676.4	2693.3	2730.7	2722.2	2695.0	2644.0	2623.6	22.5°
25°	2727.4	2815.6	2873.5	2938.1	2972.0	2989.0	3026.4	3026.4	2997.5	2982.3	2980.5	25°
27.5°	3048.5	3157.2	3252.4	3274.5	3362.8	3383.3	3418.9	3418.9	3391.7	3373.0	3463.1	27.5°
30°	3405.3	3519.2	3684.0	3794.4	3901.5	4006.9	4005.1	4011.9	4044.2	4061.2	4100.3	30°
32.5°	3762.2	3903.2	4078.3	4317.8	4547.3	4742.6	4995.8	5157.2	5108.0	4970.4	4915.9	32.5°
35°	4195.5	4351.8	4564.2	4805.5	5225.2	5478.5	5600.8	5687.5	5697.6	5716.3	5755.4	35°
37.5°	4678.1	4939.8	5186.2	5459.8	5692.5	6000.1	6283.9	6511.6	6564.2	6671.3	6610.2	37.5°
40°	5288.1	5580.4	5838.6	6192.1	6504.8	6875.2	7281.3	7594.0	7719.8	7679.0	7373.2	40°
42.5°	5927.0	6289.0	6591.5	7007.8	7413.9	7903.3	8323.0	8759.7	8837.9	8523.5	8066.4	42.5°
45°	6515.0	6963.6	7339.1	7772.4	8268.6	8854.8	9415.6	9864.2	9849.0	9310.3	8698.6	45°
47.5°	7043.5	7594.0	8052.8	8617.0	9150.6	9849.0	10493.0	10824.3	10628.9	9991.7	9242.3	47.5°
50°	7480.1	8166.7	8732.5	9303.5	9981.5	10822.7	11442.9	11629.7	11252.5	10559.2	9770.8	50°
52.5°	7832.0	8693.4	9329.0	9986.6	10843.0	11728.4	12261.9	12192.3	11704.5	10992.5	10207.5	52.5°
55°	8129.3	9096.1	9854.0	10630.6	11692.6	12508.3	12863.4	12676.5	11995.1	11272.9	10506.6	55°
57.5°	8436.9	9487.0	10336.6	11237.3	12420.0	13120.1	13317.2	12933.1	12132.7	11380.0	10635.7	57.5°
60°	8744.4	9813.3	10763.1	11767.4	12970.5	13619.6	13565.3	12990.9	12092.0	11301.8	10549.1	60°
62.5°	8951.8	10006.9	11011.2	12093.7	13383.4	13874.5	13541.5	12785.3	11855.8	10994.3	10290.8	62.5°
63°	8956.8	10013.7	11026.6	12115.8	13429.3	13883.0	13495.6	12712.2	11781.0	10931.4	10214.3	63°
65°	8849.8	9886.3	10890.6	12015.5	13390.2	13687.6	13099.6	12280.6	11354.5	10496.3	9816.6	65°
67.5°	8302.7	9359.6	10246.6	11307.0	12690.1	12775.1	12039.3	11378.3	10545.6	9656.9	8946.7	67.5°
70°	7199.8	8078.3	8948.3	9833.6	10994.3	10979.0	10287.3	9950.9	9221.9	8209.2	7639.9	70°
72.5°	5726.5	6515.0	7126.7	7719.8	8484.4	8329.8	7884.6	7978.1	7505.6	6749.5	6411.3	72.5°
75°	4251.6	5118.2	5417.2	5658.5	5981.4	5983.1	6105.4	6370.6	6363.8	5944.0	5517.5	75°
77.5°	2788.5	3736.7	3837.0	4030.6	4418.1	4944.9	5488.6	6073.2	6219.3	5887.9	5257.5	77.5°
80°	1554.8	2540.4	2424.9	2591.4	3009.4	3724.8	4526.8	5172.6	5553.2	5367.9	4700.2	80°
82.5°	795.3	1464.8	1400.2	1631.3	1969.4	2591.4	3121.5	3617.7	4066.4	4040.9	3787.7	82.5°
85°	412.9	802.1	912.5	1033.1	1203.1	1425.7	1626.2	1770.6	1957.6	2287.2	2399.4	85°
87.5°	0.0	0.0	0.0	0.0	0.0	1.7	0.0	122.3	88.4	243.0	346.6	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°
1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5
1762.2	1763.8	1760.5	1760.5	1762.2	1762.2	1758.7
1758.7	1758.7	1755.4	1751.9	1748.6	1748.6	1745.1
1797.8	1797.8	1786.0	1780.8	1772.3	1765.5	1762.2
1855.6	1845.4	1831.8	1821.6	1808.0	1792.8	1784.2
1913.4	1898.1	1881.1	1865.8	1848.8	1831.8	1823.3
2008.6	1988.1	1966.1	1947.4	1923.5	1898.1	1887.9
2154.7	2122.3	2093.5	2066.3	2023.8	2005.1	1984.8
2348.4	2300.9	2263.5	2217.5	2164.9	2147.8	2122.3
2582.9	2542.1	2467.4	2433.3	2380.7	2355.2	2360.3
2939.7	2887.1	2800.4	2768.1	2763.0	2706.9	2679.7
3405.3	3408.8	3328.9	3242.2	3194.6	3106.3	2994.1
4068.0	4022.2	3928.7	3840.3	3728.2	3561.7	3374.7
4870.1	4768.1	4613.5	4448.7	4249.9	3993.2	3731.6
5653.4	5475.0	5228.7	4953.3	4666.2	4346.7	3976.3
6341.6	6064.7	5695.9	5379.8	4973.8	4574.4	4122.4
6970.4	6627.1	6151.4	5741.8	5262.6	4749.4	4214.2
7578.7	7143.7	6560.9	6006.9	5464.9	4866.7	4258.4
8158.2	7597.4	6905.8	6246.5	5612.7	4943.2	4265.1
8603.4	7991.7	7215.1	6419.9	5714.6	5001.0	4265.1
9016.3	8324.7	7451.3	6555.8	5809.8	5040.0	4268.6
9337.5	8559.2	7604.2	6652.6	5884.6	5068.9	4283.8
9570.3	8712.1	7706.2	6712.1	5938.9	5109.7	4317.8
9733.4	8812.4	7762.3	6764.8	6005.2	5181.1	4413.0
9811.6	8997.6	7855.7	6870.2	6119.0	5332.3	4603.3
9752.1	9284.8	8122.5	7048.6	6277.1	5568.5	4907.5
9726.6	9337.5	8195.6	7087.7	6312.8	5619.5	5012.9
9527.8	9390.1	8496.3	7284.8	6482.7	5845.5	5306.8
8910.9	9182.8	8749.5	7617.8	6848.0	6394.4	5855.7
8112.3	8875.3	8703.7	7660.3	7080.9	6844.7	6202.4
7155.6	7945.8	7786.0	7094.5	6824.2	6849.7	6112.2
5631.4	6224.4	6119.0	5876.0	5930.5	6117.3	5235.5
4511.6	4431.7	4188.7	4205.7	4520.0	4739.3	3769.0
3685.7	2983.9	2667.8	2676.4	3225.2	3453.0	2401.0
3507.3	2822.4	2299.1	2008.6	2346.7	2260.0	1254.1
2497.9	2503.0	2076.5	1687.4	1634.7	1390.0	781.7
591.4	474.0	338.1	251.5	265.1	175.1	88.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)