

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: P181007

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

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181007
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-SLL-7030
Description: ICON SITE MEDIUM LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
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

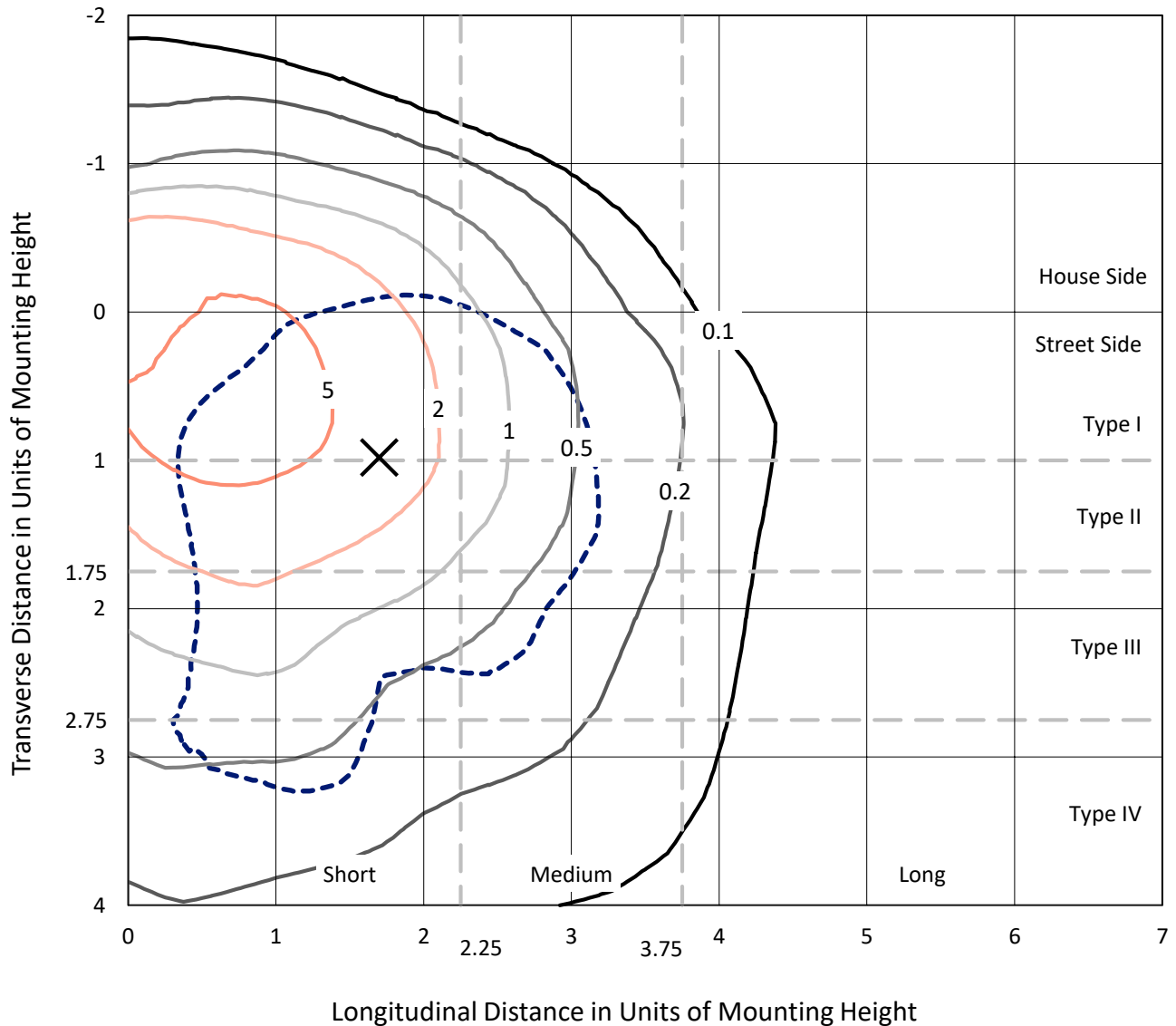


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Iso-Footcandle Lines of Horizontal Illumination

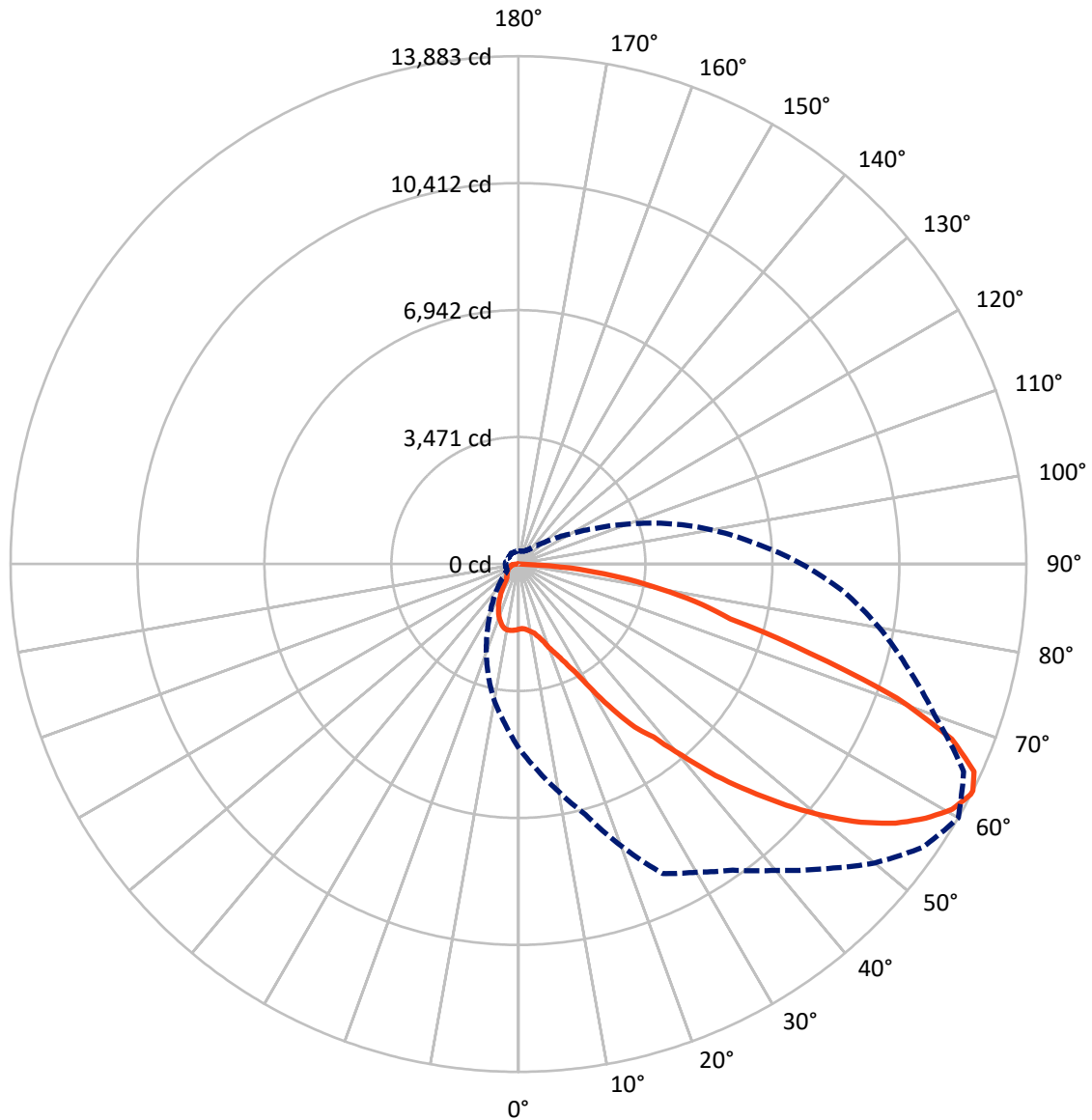
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 8.8 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	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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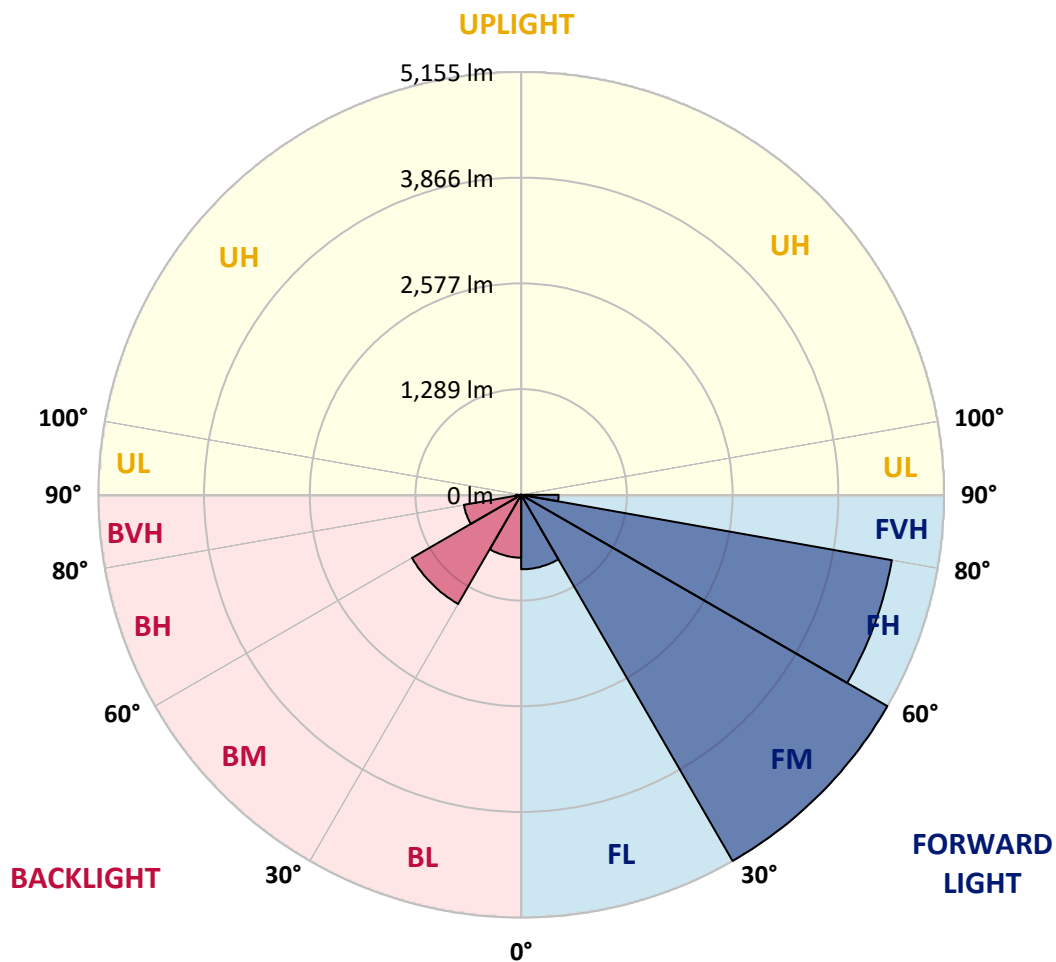
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

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	1762.2	1762.2	1760.5	1760.5	1763.8	1762.2	1760.5	1755.4	1762.2	1762.2
5°	1745.1	1748.6	1748.6	1751.9	1755.4	1758.7	1758.7	1762.2	1760.5	1767.3	1772.3
7.5°	1762.2	1765.5	1772.3	1780.8	1786.0	1797.8	1797.8	1806.3	1809.7	1814.8	1813.1
10°	1784.2	1792.8	1808.0	1821.6	1831.8	1845.4	1855.6	1867.5	1867.5	1872.6	1876.0
12.5°	1823.3	1831.8	1848.8	1865.8	1881.1	1898.1	1913.4	1925.3	1937.1	1940.6	1947.4
15°	1887.9	1898.1	1923.5	1947.4	1966.1	1988.1	2008.6	2032.3	2054.4	2059.5	2062.9
17.5°	1984.8	2005.1	2023.8	2066.3	2093.5	2122.3	2154.7	2188.7	2195.5	2231.2	2239.6
20°	2122.3	2147.8	2164.9	2217.5	2263.5	2300.9	2348.4	2387.5	2402.8	2436.8	2470.7
22.5°	2360.3	2355.2	2380.7	2433.3	2467.4	2542.1	2582.9	2623.6	2644.0	2695.0	2722.2
25°	2679.7	2706.9	2763.0	2768.1	2800.4	2887.1	2939.7	2980.5	2982.3	2997.5	3026.4
27.5°	2994.1	3106.3	3194.6	3242.2	3328.9	3408.8	3405.3	3463.1	3373.0	3391.7	3418.9
30°	3374.7	3561.7	3728.2	3840.3	3928.7	4022.2	4068.0	4100.3	4061.2	4044.2	4011.9
32.5°	3731.6	3993.2	4249.9	4448.7	4613.5	4768.1	4870.1	4915.9	4970.4	5108.0	5157.2
35°	3976.3	4346.7	4666.2	4953.3	5228.7	5475.0	5653.4	5755.4	5716.3	5697.6	5687.5
37.5°	4122.4	4574.4	4973.8	5379.8	5695.9	6064.7	6341.6	6610.2	6671.3	6564.2	6511.6
40°	4214.2	4749.4	5262.6	5741.8	6151.4	6627.1	6970.4	7373.2	7679.0	7719.8	7594.0
42.5°	4258.4	4866.7	5464.9	6006.9	6560.9	7143.7	7578.7	8066.4	8523.5	8837.9	8759.7
45°	4265.1	4943.2	5612.7	6246.5	6905.8	7597.4	8158.2	8698.6	9310.3	9849.0	9864.2
47.5°	4265.1	5001.0	5714.6	6419.9	7215.1	7991.7	8603.4	9242.3	9991.7	10628.9	10824.3
50°	4268.6	5040.0	5809.8	6555.8	7451.3	8324.7	9016.3	9770.8	10559.2	11252.5	11629.7
52.5°	4283.8	5068.9	5884.6	6652.6	7604.2	8559.2	9337.5	10207.5	10992.5	11704.5	12192.3
55°	4317.8	5109.7	5938.9	6712.1	7706.2	8712.1	9570.3	10506.6	11272.9	11995.1	12676.5
57.5°	4413.0	5181.1	6005.2	6764.8	7762.3	8812.4	9733.4	10635.7	11380.0	12132.7	12933.1
60°	4603.3	5332.3	6119.0	6870.2	7855.7	8997.6	9811.6	10549.1	11301.8	12092.0	12990.9
62.5°	4907.5	5568.5	6277.1	7048.6	8122.5	9284.8	9752.1	10290.8	10994.3	11855.8	12785.3
63°	5012.9	5619.5	6312.8	7087.7	8195.6	9337.5	9726.6	10214.3	10931.4	11781.0	12712.2
65°	5306.8	5845.5	6482.7	7284.8	8496.3	9390.1	9527.8	9816.6	10496.3	11354.5	12280.6
67.5°	5855.7	6394.4	6848.0	7617.8	8749.5	9182.8	8910.9	8946.7	9656.9	10545.6	11378.3
70°	6202.4	6844.7	7080.9	7660.3	8703.7	8875.3	8112.3	7639.9	8209.2	9221.9	9950.9
72.5°	6112.2	6849.7	6824.2	7094.5	7786.0	7945.8	7155.6	6411.3	6749.5	7505.6	7978.1
75°	5235.5	6117.3	5930.5	5876.0	6119.0	6224.4	5631.4	5517.5	5944.0	6363.8	6370.6
77.5°	3769.0	4739.3	4520.0	4205.7	4188.7	4431.7	4511.6	5257.5	5887.9	6219.3	6073.2
80°	2401.0	3453.0	3225.2	2676.4	2667.8	2983.9	3685.7	4700.2	5367.9	5553.2	5172.6
82.5°	1254.1	2260.0	2346.7	2008.6	2299.1	2822.4	3507.3	3787.7	4040.9	4066.4	3617.7
85°	781.7	1390.0	1634.7	1687.4	2076.5	2503.0	2497.9	2399.4	2287.2	1957.6	1770.6
87.5°	88.4	175.1	265.1	251.5	338.1	474.0	591.4	346.6	243.0	88.4	122.3
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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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°	1765.5	1767.3	1768.9	1768.9	1777.4	1775.7	1777.4	1780.8	1786.0	1789.3	1792.8
5°	1779.2	1779.2	1786.0	1791.0	1801.2	1808.0	1811.5	1821.6	1833.5	1830.2	1840.3
7.5°	1823.3	1821.6	1828.4	1831.8	1840.3	1852.2	1850.5	1859.0	1869.2	1872.6	1881.1
10°	1882.8	1877.7	1877.7	1874.3	1876.0	1872.6	1872.6	1872.6	1879.4	1877.7	1884.5
12.5°	1943.9	1942.2	1938.9	1928.7	1928.7	1915.1	1908.3	1899.8	1898.1	1886.2	1887.9
15°	2069.7	2069.7	2062.9	2042.5	2025.5	2013.6	1996.7	1984.8	1967.7	1945.7	1933.8
17.5°	2253.2	2229.4	2220.9	2217.5	2190.3	2180.2	2142.8	2103.7	2085.0	2054.4	2037.4
20°	2477.5	2472.4	2438.4	2421.4	2387.5	2339.9	2292.3	2241.3	2210.7	2173.4	2152.9
22.5°	2730.7	2693.3	2676.4	2650.9	2598.2	2543.8	2472.4	2404.5	2356.9	2331.4	2316.1
25°	3026.4	2989.0	2972.0	2938.1	2873.5	2815.6	2727.4	2647.5	2604.9	2562.5	2538.7
27.5°	3418.9	3383.3	3362.8	3274.5	3252.4	3157.2	3048.5	2939.7	2883.6	2820.8	2780.0
30°	4005.1	4006.9	3901.5	3794.4	3684.0	3519.2	3405.3	3283.0	3191.2	3101.1	3011.1
32.5°	4995.8	4742.6	4547.3	4317.8	4078.3	3903.2	3762.2	3616.0	3488.6	3357.8	3208.2
35°	5600.8	5478.5	5225.2	4805.5	4564.2	4351.8	4195.5	4018.7	3862.4	3631.4	3403.6
37.5°	6283.9	6000.1	5692.5	5459.8	5186.2	4939.8	4678.1	4477.6	4207.4	3896.4	3573.6
40°	7281.3	6875.2	6504.8	6192.1	5838.6	5580.4	5288.1	4997.5	4639.0	4188.7	3745.1
42.5°	8323.0	7903.3	7413.9	7007.8	6591.5	6289.0	5927.0	5519.2	4992.4	4435.1	3893.0
45°	9415.6	8854.8	8268.6	7772.4	7339.1	6963.6	6515.0	5974.6	5332.3	4656.0	4030.6
47.5°	10493.0	9849.0	9150.6	8617.0	8052.8	7594.0	7043.5	6360.3	5597.4	4865.0	4168.3
50°	11442.9	10822.7	9981.5	9303.5	8732.5	8166.7	7480.1	6657.7	5806.4	5045.1	4292.3
52.5°	12261.9	11728.4	10843.0	9986.6	9329.0	8693.4	7832.0	6897.3	6017.1	5211.7	4394.3
55°	12863.4	12508.3	11692.6	10630.6	9854.0	9096.1	8129.3	7128.4	6215.9	5344.2	4460.6
57.5°	13317.2	13120.1	12420.0	11237.3	10336.6	9487.0	8436.9	7405.4	6413.1	5458.1	4491.2
60°	13565.3	13619.6	12970.5	11767.4	10763.1	9813.3	8744.4	7641.6	6559.2	5524.3	4474.2
62.5°	13541.5	13874.5	13383.4	12093.7	11011.2	10006.9	8951.8	7752.0	6538.7	5418.9	4319.6
63°	13495.6	13883.0	13429.3	12115.8	11026.6	10013.7	8956.8	7736.8	6496.3	5367.9	4258.4
65°	13099.6	13687.6	13390.2	12015.5	10890.6	9886.3	8849.8	7515.9	6197.2	5094.4	3944.0
67.5°	12039.3	12775.1	12690.1	11307.0	10246.6	9359.6	8302.7	6803.9	5458.1	4421.5	3342.4
70°	10287.3	10979.0	10994.3	9833.6	8948.3	8078.3	7199.8	5536.2	4326.4	3427.5	2492.9
72.5°	7884.6	8329.8	8484.4	7719.8	7126.7	6515.0	5726.5	4018.7	3084.2	2331.4	1622.8
75°	6105.4	5983.1	5981.4	5658.5	5417.2	5118.2	4251.6	2712.0	2025.5	1515.7	992.4
77.5°	5488.6	4944.9	4418.1	4030.6	3837.0	3736.7	2788.5	1634.7	1194.6	871.7	571.0
80°	4526.8	3724.8	3009.4	2591.4	2424.9	2540.4	1554.8	883.6	654.2	496.2	370.4
82.5°	3121.5	2591.4	1969.4	1631.3	1400.2	1464.8	795.3	452.0	302.5	277.0	229.4
85°	1626.2	1425.7	1203.1	1033.1	912.5	802.1	412.9	215.8	125.8	110.4	100.3
87.5°	0.0	1.7	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°	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5	1782.5
2.5°	1797.8	1796.1	1799.5	1801.2	1806.3	1809.7	1811.5	1808.0	1813.1	1818.2	1814.8
5°	1845.4	1857.3	1859.0	1864.1	1864.1	1874.3	1874.3	1874.3	1872.6	1874.3	1870.9
7.5°	1886.2	1901.5	1903.2	1910.0	1911.6	1923.5	1918.4	1921.9	1921.9	1913.4	1910.0
10°	1891.3	1906.6	1915.1	1923.5	1935.5	1950.8	1950.8	1959.3	1959.3	1952.5	1950.8
12.5°	1892.9	1904.8	1913.4	1925.3	1942.2	1964.4	1976.3	1988.1	1993.2	1991.5	1986.4
15°	1928.7	1928.7	1930.3	1940.6	1952.5	1979.6	1996.7	2010.2	2018.7	2015.4	2006.8
17.5°	2022.2	2008.6	1998.3	1981.3	1984.8	1998.3	2008.6	2020.4	2022.2	2018.7	2005.1
20°	2130.9	2113.9	2088.4	2061.2	2047.6	2037.4	2030.6	2030.6	2025.5	2008.6	1986.4
22.5°	2285.5	2263.5	2227.7	2187.0	2159.7	2127.5	2088.4	2051.0	2010.2	1969.4	1921.9
25°	2499.6	2469.0	2431.6	2368.8	2311.0	2243.0	2163.2	2079.9	1983.1	1898.1	1828.4
27.5°	2715.5	2647.5	2550.6	2463.9	2356.9	2254.9	2141.0	2039.1	1915.1	1813.1	1736.7
30°	2893.9	2764.7	2625.4	2487.7	2346.7	2209.0	2073.1	1950.8	1814.8	1711.2	1636.4
32.5°	3031.5	2853.0	2659.4	2479.3	2305.9	2137.7	1981.3	1845.4	1707.7	1600.8	1520.8
35°	3158.9	2910.8	2664.5	2441.9	2227.7	2052.8	1876.0	1728.2	1582.1	1469.9	1383.2
37.5°	3254.1	2938.1	2633.9	2372.2	2125.8	1930.3	1750.2	1599.0	1449.5	1327.2	1228.6
40°	3315.3	2921.0	2567.6	2271.9	2005.1	1799.5	1616.0	1459.6	1315.3	1181.0	1062.1
42.5°	3364.6	2899.0	2501.3	2180.2	1910.0	1685.7	1497.0	1328.8	1182.7	1036.6	905.7
45°	3437.6	2915.9	2472.4	2115.5	1825.0	1588.8	1381.5	1206.5	1053.6	910.8	785.0
47.5°	3509.0	2924.5	2430.0	2035.7	1718.0	1488.6	1277.9	1107.9	951.6	820.7	705.2
50°	3573.6	2919.4	2363.6	1933.8	1614.3	1388.3	1184.4	1014.4	859.8	739.2	630.4
52.5°	3604.1	2890.4	2282.2	1835.2	1531.1	1299.9	1092.7	927.8	774.9	661.0	560.7
55°	3600.8	2815.6	2175.1	1741.8	1439.3	1206.5	1002.6	839.4	701.8	596.5	509.8
57.5°	3549.8	2700.1	2061.2	1638.1	1318.6	1090.9	897.2	739.2	623.6	535.3	462.2
60°	3442.7	2552.3	1911.6	1486.9	1167.4	948.2	766.3	630.4	536.9	469.0	421.4
62.5°	3242.2	2339.9	1724.8	1276.2	963.4	763.0	604.9	516.6	446.9	406.1	384.0
63°	3182.7	2282.2	1644.8	1225.2	915.9	720.5	571.0	479.2	428.2	392.6	372.1
65°	2887.1	1998.3	1376.4	988.9	712.0	555.6	458.8	389.1	358.5	343.3	341.6
67.5°	2338.2	1571.8	973.7	678.1	484.3	401.0	351.7	322.9	309.3	305.9	309.3
70°	1641.5	992.4	618.5	450.3	358.5	322.9	300.7	288.8	280.4	282.0	285.5
72.5°	1046.7	594.7	424.8	341.6	302.5	283.8	273.6	270.1	268.5	266.8	266.8
75°	596.5	395.9	326.2	295.6	275.3	260.0	251.5	248.1	249.8	251.5	248.1
77.5°	394.2	326.2	290.6	270.1	251.5	234.5	229.4	227.7	231.1	234.5	234.5
80°	311.0	290.6	270.1	249.8	219.2	207.4	210.7	212.4	210.7	212.4	207.4
82.5°	219.2	215.8	220.9	212.4	181.9	171.6	168.2	170.0	166.5	166.5	163.2
85°	102.0	102.0	107.1	107.1	103.6	105.4	113.9	124.0	129.1	124.0	117.2
87.5°	0.0	0.0	0.0	0.0	0.0	15.3	30.6	44.2	47.5	59.4	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



REPORT NUMBER: P181007

CATALOG NUMBER: ICM-E06-LED-E1-SLL-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°	1809.7	1813.1	1811.5	1809.7	1813.1	1809.7	1811.5	1809.7	1809.7	1808.0	1808.0
5°	1867.5	1872.6	1862.4	1860.7	1857.3	1848.8	1848.8	1845.4	1845.4	1838.6	1833.5
7.5°	1904.8	1906.6	1898.1	1896.4	1887.9	1879.4	1872.6	1865.8	1864.1	1859.0	1848.8
10°	1940.6	1937.1	1930.3	1921.9	1913.4	1901.5	1892.9	1884.5	1882.8	1874.3	1862.4
12.5°	1971.2	1969.4	1955.8	1947.4	1933.8	1921.9	1911.6	1901.5	1896.4	1886.2	1869.2
15°	1991.5	1981.3	1964.4	1949.0	1933.8	1920.2	1908.3	1896.4	1891.3	1879.4	1862.4
17.5°	1983.1	1964.4	1942.2	1923.5	1903.2	1886.2	1876.0	1864.1	1855.6	1848.8	1825.0
20°	1952.5	1925.3	1891.3	1869.2	1842.0	1819.9	1813.1	1801.2	1794.4	1768.9	1738.3
22.5°	1872.6	1833.5	1791.0	1758.7	1728.2	1706.1	1689.0	1677.2	1660.2	1644.8	1597.3
25°	1772.3	1728.2	1684.0	1644.8	1604.1	1570.1	1539.5	1510.6	1502.1	1469.9	1424.0
27.5°	1675.5	1626.2	1582.1	1536.1	1483.5	1440.9	1388.3	1347.5	1320.3	1286.3	1243.8
30°	1571.8	1522.5	1463.1	1401.9	1340.8	1294.8	1235.4	1186.1	1152.1	1116.4	1077.3
32.5°	1440.9	1381.5	1310.1	1242.1	1186.1	1131.7	1072.2	1024.7	990.7	958.4	921.0
35°	1291.4	1213.3	1136.8	1062.1	1002.6	956.7	904.0	868.3	844.6	815.6	776.6
37.5°	1119.8	1031.4	949.9	892.1	839.4	795.3	757.9	735.8	710.3	695.0	671.2
40°	946.5	859.8	780.0	727.3	683.1	657.6	637.2	632.1	615.2	594.7	579.4
42.5°	793.6	710.3	632.1	589.7	560.7	554.0	543.7	543.7	535.3	520.0	509.8
45°	689.9	603.3	535.3	504.7	489.4	487.7	482.6	482.6	480.9	474.0	462.2
47.5°	615.2	536.9	484.3	465.6	462.2	458.8	453.7	452.0	450.3	445.2	438.4
50°	547.2	480.9	446.9	438.4	440.1	435.0	430.0	424.8	423.1	418.0	411.3
52.5°	484.3	436.7	414.6	409.5	409.5	409.5	406.1	406.1	402.7	401.0	394.2
55°	448.6	412.9	401.0	399.4	397.6	395.9	392.6	392.6	389.1	387.4	379.0
57.5°	418.0	395.9	389.1	385.8	384.0	380.7	379.0	379.0	379.0	379.0	368.7
60°	394.2	384.0	382.3	379.0	377.2	370.4	367.1	365.3	367.1	368.7	358.5
62.5°	368.7	367.1	365.3	362.0	360.3	353.5	348.4	344.9	348.4	351.7	350.0
63°	362.0	360.3	360.3	358.5	356.8	348.4	343.3	339.8	343.3	346.6	346.6
65°	338.1	339.8	339.8	338.1	336.5	331.4	324.6	321.1	322.9	328.0	329.7
67.5°	312.7	314.3	312.7	314.3	312.7	309.3	304.2	300.7	299.1	300.7	302.5
70°	288.8	292.3	290.6	288.8	287.2	287.2	283.8	278.7	277.0	275.3	275.3
72.5°	268.5	268.5	265.1	265.1	263.4	263.4	260.0	254.9	253.2	253.2	249.8
75°	246.4	246.4	241.3	241.3	237.9	239.6	236.2	231.1	229.4	229.4	227.7
77.5°	232.8	227.7	219.2	217.5	215.8	215.8	214.1	209.0	207.4	207.4	205.6
80°	205.6	195.4	186.9	185.2	186.9	190.3	190.3	186.9	186.9	186.9	186.9
82.5°	159.7	156.4	151.3	147.8	147.8	152.9	159.7	163.2	166.5	170.0	170.0
85°	117.2	119.0	117.2	112.2	110.4	115.5	122.3	129.1	130.9	137.7	135.9
87.5°	62.9	64.6	59.4	57.8	62.9	66.2	73.0	74.8	78.1	79.9	81.6
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):

	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°	1806.3	1804.7	1806.3	1802.9	1802.9	1799.5	1796.1	1794.4	1791.0	1789.3	1786.0
5°	1836.9	1831.8	1826.7	1825.0	1818.2	1811.5	1806.3	1797.8	1791.0	1779.2	1775.7
7.5°	1857.3	1845.4	1838.6	1836.9	1826.7	1821.6	1809.7	1799.5	1789.3	1774.1	1768.9
10°	1865.8	1853.9	1842.0	1836.9	1825.0	1816.5	1804.7	1789.3	1780.8	1765.5	1762.2
12.5°	1876.0	1853.9	1835.2	1821.6	1804.7	1786.0	1774.1	1765.5	1753.7	1745.1	1741.8
15°	1857.3	1828.4	1799.5	1774.1	1746.8	1726.4	1714.5	1700.9	1687.4	1682.2	1682.2
17.5°	1806.3	1768.9	1719.6	1687.4	1658.5	1636.4	1621.1	1607.5	1605.8	1599.0	1602.4
20°	1700.9	1651.7	1604.1	1580.3	1563.4	1549.8	1534.4	1527.6	1522.5	1512.4	1508.9
22.5°	1554.8	1514.1	1480.1	1463.1	1449.5	1432.5	1418.9	1398.5	1393.4	1383.2	1378.1
25°	1393.4	1361.1	1332.2	1320.3	1311.8	1288.0	1279.5	1252.4	1233.7	1221.8	1228.6
27.5°	1232.0	1208.2	1181.0	1165.7	1160.6	1138.5	1130.1	1099.4	1084.1	1084.1	1067.2
30°	1065.4	1043.4	1026.3	1009.4	1006.0	978.8	956.7	944.7	927.8	921.0	909.1
32.5°	909.1	887.0	873.4	864.9	851.4	829.2	807.2	786.8	759.5	749.4	744.3
35°	764.7	747.6	730.7	723.9	705.2	681.4	654.2	637.2	604.9	593.0	587.9
37.5°	654.2	633.9	622.0	603.3	584.6	559.1	538.7	523.4	511.4	506.4	506.4
40°	565.9	550.6	536.9	521.7	506.4	492.7	482.6	479.2	477.5	477.5	480.9
42.5°	499.5	486.0	479.2	470.7	465.6	465.6	463.9	465.6	467.3	469.0	474.0
45°	455.4	446.9	443.5	441.8	445.2	448.6	450.3	453.7	460.5	463.9	465.6
47.5°	431.6	424.8	423.1	424.8	430.0	436.7	443.5	448.6	453.7	455.4	457.1
50°	407.8	399.4	395.9	399.4	406.1	416.3	421.4	430.0	433.3	436.7	433.3
52.5°	387.4	380.7	379.0	379.0	385.8	392.6	399.4	406.1	407.8	407.8	406.1
55°	370.4	365.3	360.3	363.6	368.7	375.5	385.8	390.8	394.2	395.9	395.9
57.5°	356.8	351.7	346.6	350.0	355.2	362.0	372.1	377.2	380.7	385.8	387.4
60°	346.6	339.8	334.8	339.8	344.9	355.2	363.6	368.7	377.2	379.0	379.0
62.5°	336.5	329.7	321.1	326.2	326.2	331.4	339.8	346.6	355.2	358.5	358.5
63°	334.8	328.0	319.4	322.9	322.9	326.2	333.0	339.8	350.0	353.5	351.7
65°	321.1	319.4	311.0	311.0	307.5	311.0	316.1	322.9	328.0	333.0	333.0
67.5°	299.1	297.4	295.6	295.6	295.6	299.1	302.5	307.5	312.7	316.1	314.3
70°	273.6	273.6	273.6	275.3	275.3	278.7	280.4	278.7	283.8	287.2	285.5
72.5°	251.5	249.8	248.1	251.5	249.8	249.8	253.2	251.5	256.6	256.6	258.3
75°	227.7	226.0	226.0	227.7	224.3	220.9	222.6	222.6	224.3	224.3	227.7
77.5°	207.4	207.4	207.4	205.6	202.2	200.6	198.8	198.8	198.8	198.8	200.6
80°	188.7	188.7	188.7	186.9	183.5	180.1	176.7	175.1	173.3	164.8	164.8
82.5°	170.0	170.0	170.0	170.0	168.2	164.8	159.7	146.1	139.3	132.6	134.2
85°	134.2	137.7	141.0	146.1	144.5	144.5	134.2	117.2	107.1	100.3	102.0
87.5°	86.7	76.5	76.5	74.8	71.3	68.0	68.0	57.8	47.5	42.5	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



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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°	1786.0	1782.5	1779.2	1779.2	1774.1	1774.1	1770.6	1777.4	1770.6	1765.5	1765.5	2.5°
5°	1772.3	1768.9	1758.7	1757.0	1750.2	1750.2	1750.2	1746.8	1746.8	1743.5	1741.8	5°
7.5°	1763.8	1755.4	1746.8	1741.8	1741.8	1738.3	1745.1	1741.8	1743.5	1743.5	1745.1	7.5°
10°	1757.0	1750.2	1746.8	1745.1	1745.1	1750.2	1755.4	1757.0	1755.4	1757.0	1757.0	10°
12.5°	1740.0	1743.5	1745.1	1751.9	1760.5	1770.6	1782.5	1784.2	1787.6	1787.6	1791.0	12.5°
15°	1685.7	1694.1	1704.4	1721.3	1743.5	1765.5	1787.6	1806.3	1823.3	1831.8	1838.6	15°
17.5°	1609.2	1617.7	1636.4	1655.1	1684.0	1716.3	1753.7	1786.0	1821.6	1853.9	1886.2	17.5°
20°	1505.6	1519.2	1524.3	1558.2	1592.2	1636.4	1680.6	1731.5	1792.8	1853.9	1916.8	20°
22.5°	1371.3	1386.6	1410.4	1437.6	1473.2	1527.6	1580.3	1660.2	1741.8	1828.4	1927.0	22.5°
25°	1221.8	1238.8	1259.2	1288.0	1323.7	1381.5	1458.0	1542.9	1643.2	1757.0	1879.4	25°
27.5°	1067.2	1084.1	1101.1	1121.5	1162.3	1223.4	1313.5	1401.9	1512.4	1636.4	1779.2	27.5°
30°	912.5	914.2	924.4	949.9	992.4	1072.2	1138.5	1248.9	1364.5	1495.4	1660.2	30°
32.5°	742.6	740.8	752.7	774.9	815.6	892.1	973.7	1080.8	1194.6	1359.5	1529.3	32.5°
35°	591.4	591.4	613.4	635.5	681.4	735.8	807.2	902.3	1036.6	1189.5	1359.5	35°
37.5°	511.4	523.4	536.9	559.1	594.7	637.2	700.1	783.4	888.7	1034.9	1191.2	37.5°
40°	486.0	492.7	504.7	525.1	555.6	594.7	640.7	703.5	785.0	902.3	1045.0	40°
42.5°	475.8	477.5	484.3	499.5	526.8	565.9	613.4	669.5	730.7	814.0	938.0	42.5°
45°	465.6	463.9	467.3	479.2	501.3	545.5	599.8	661.0	722.1	791.8	893.8	45°
47.5°	457.1	457.1	457.1	462.2	482.6	526.8	589.7	661.0	734.1	812.3	912.5	47.5°
50°	433.3	431.6	431.6	435.0	450.3	497.9	572.7	659.4	754.5	856.5	970.2	50°
52.5°	406.1	406.1	407.8	409.5	423.1	470.7	554.0	659.4	778.2	914.2	1056.9	52.5°
55°	397.6	399.4	401.0	399.4	409.5	450.3	533.6	649.1	788.5	960.1	1150.4	55°
57.5°	390.8	394.2	394.2	392.6	399.4	433.3	513.2	628.7	780.0	977.1	1216.7	57.5°
60°	380.7	380.7	380.7	375.5	379.0	409.5	482.6	596.5	752.7	961.8	1226.9	60°
62.5°	358.5	358.5	355.2	353.5	351.7	375.5	441.8	548.8	703.5	921.0	1201.4	62.5°
63°	353.5	351.7	351.7	346.6	346.6	368.7	433.3	542.0	689.9	910.8	1191.2	63°
65°	334.8	334.8	334.8	331.4	329.7	346.6	399.4	494.5	637.2	863.3	1140.2	65°
67.5°	314.3	316.1	312.7	311.0	309.3	319.4	360.3	435.0	555.6	763.0	1045.0	67.5°
70°	285.5	287.2	287.2	285.5	283.8	290.6	316.1	373.9	460.5	635.5	890.4	70°
72.5°	260.0	263.4	263.4	266.8	266.8	271.9	282.0	311.0	368.7	496.2	700.1	72.5°
75°	232.8	234.5	237.9	241.3	237.9	236.2	237.9	260.0	288.8	367.1	499.5	75°
77.5°	209.0	214.1	214.1	212.4	207.4	203.9	203.9	214.1	237.9	278.7	356.8	77.5°
80°	173.3	181.9	183.5	178.4	173.3	173.3	176.7	183.5	198.8	229.4	270.1	80°
82.5°	139.3	147.8	149.5	151.3	149.5	154.6	154.6	156.4	164.8	188.7	220.9	82.5°
85°	107.1	113.9	119.0	120.7	122.3	124.0	122.3	113.9	119.0	134.2	149.5	85°
87.5°	47.5	49.3	45.9	47.5	45.9	47.5	49.3	40.7	39.1	52.7	54.4	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
1763.8	1763.8	1765.5	1762.2	1762.2	1763.8	1758.7
1736.7	1743.5	1743.5	1743.5	1740.0	1743.5	1745.1
1743.5	1748.6	1751.9	1751.9	1750.2	1757.0	1762.2
1751.9	1760.5	1763.8	1763.8	1763.8	1772.3	1784.2
1784.2	1791.0	1796.1	1796.1	1799.5	1809.7	1823.3
1843.7	1852.2	1852.2	1850.5	1860.7	1872.6	1887.9
1910.0	1933.8	1945.7	1943.9	1952.5	1967.7	1984.8
1972.8	2039.1	2068.0	2088.4	2096.9	2117.3	2122.3
2025.5	2136.0	2215.8	2283.8	2316.1	2336.5	2360.3
2006.8	2156.4	2299.1	2438.4	2537.0	2637.2	2679.7
1930.3	2117.3	2304.2	2508.1	2686.5	2864.9	2994.1
1836.9	2061.2	2312.7	2601.6	2883.6	3157.2	3374.7
1729.9	2008.6	2331.4	2688.2	3058.7	3417.2	3731.6
1595.6	1908.3	2285.5	2696.8	3133.4	3568.5	3976.3
1425.7	1772.3	2178.4	2635.6	3136.9	3634.7	4122.4
1255.7	1600.8	2042.5	2547.2	3092.7	3650.1	4214.2
1136.8	1447.7	1904.8	2435.1	3021.3	3626.3	4258.4
1055.3	1337.3	1782.5	2333.1	2944.9	3583.7	4265.1
1048.5	1289.8	1702.7	2258.3	2883.6	3546.3	4265.1
1106.2	1315.3	1675.5	2220.9	2858.2	3534.4	4268.6
1215.0	1417.2	1724.8	2249.9	2878.5	3549.8	4283.8
1345.8	1571.8	1857.3	2350.1	2965.2	3600.8	4317.8
1464.8	1750.2	2083.3	2543.8	3123.3	3729.9	4413.0
1534.4	1903.2	2322.9	2815.6	3393.4	3986.4	4603.3
1542.9	1988.1	2535.3	3111.4	3721.4	4280.5	4907.5
1536.1	1994.9	2562.5	3167.5	3791.1	4353.5	5012.9
1498.8	1996.7	2639.0	3364.6	4032.4	4661.1	5306.8
1403.6	1942.2	2666.2	3519.2	4336.5	5065.5	5855.7
1238.8	1787.6	2586.2	3522.6	4453.8	5291.5	6202.4
995.7	1493.7	2241.3	3204.9	4144.5	5068.9	6112.2
729.0	1097.7	1694.1	2482.6	3381.5	4219.3	5235.5
484.3	710.3	1141.9	1768.9	2424.9	3036.6	3769.0
333.0	440.1	667.8	1063.7	1483.5	1780.8	2401.0
244.7	290.6	370.4	543.7	713.7	878.5	1254.1
152.9	166.5	185.2	268.5	384.0	518.2	781.7
40.7	42.5	39.1	52.7	83.3	79.9	88.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)