

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: P181052

Luminaire Tested: **ICS-F04-LED-E1-SLL-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181052
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: ICS-F04-LED-E1-SLL-7030
Description: ICON SITE SMALL LED LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (28) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7553 lumens
Efficiency: N/A
Efficacy: 73.9 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.67' x L: 1' x H: 0.1')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G3

Input Watts (W): 102.2
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



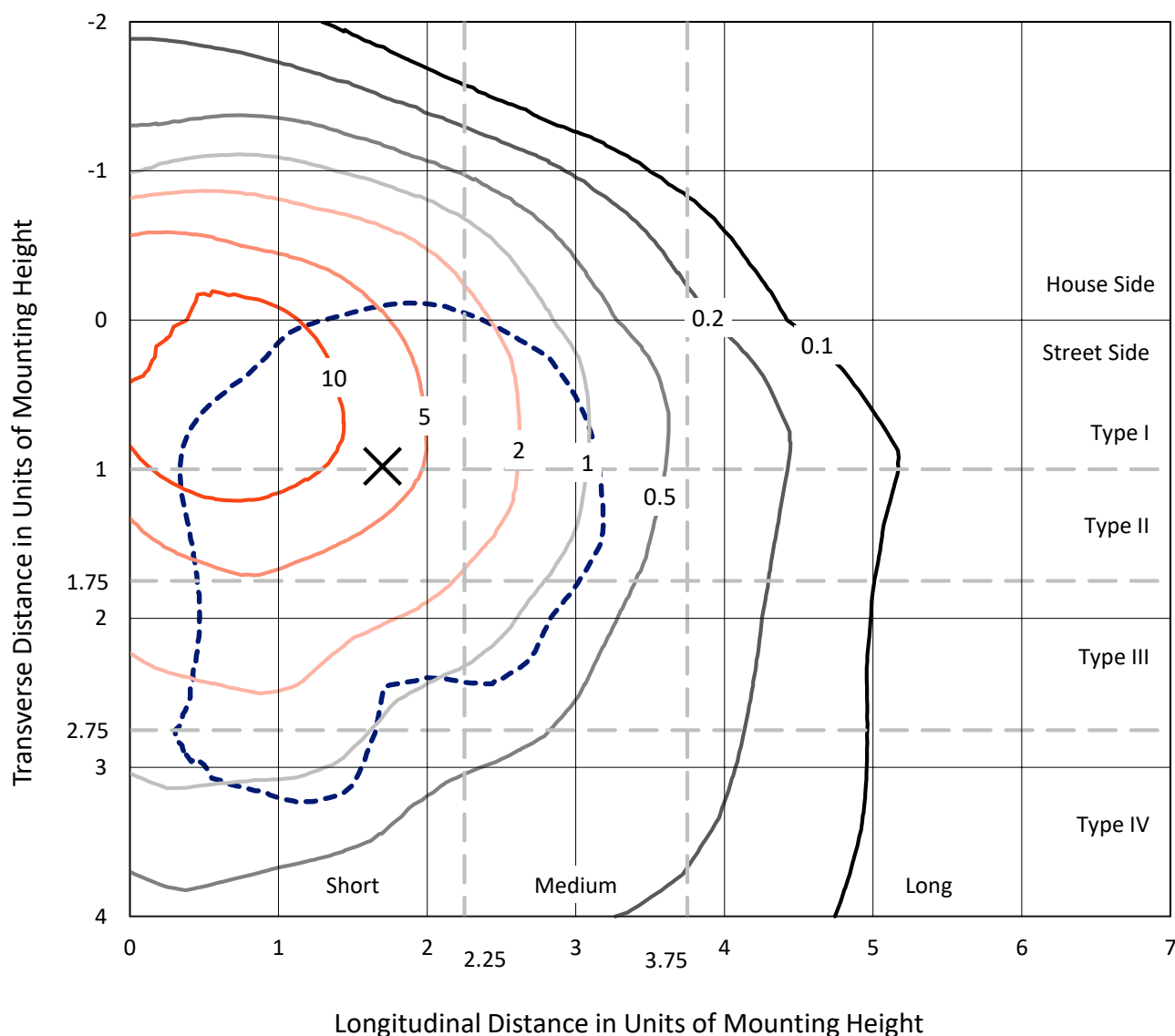
REPORT NUMBER: P181052

CATALOG NUMBER: ICS-F04-LED-E1-SLL-7030

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

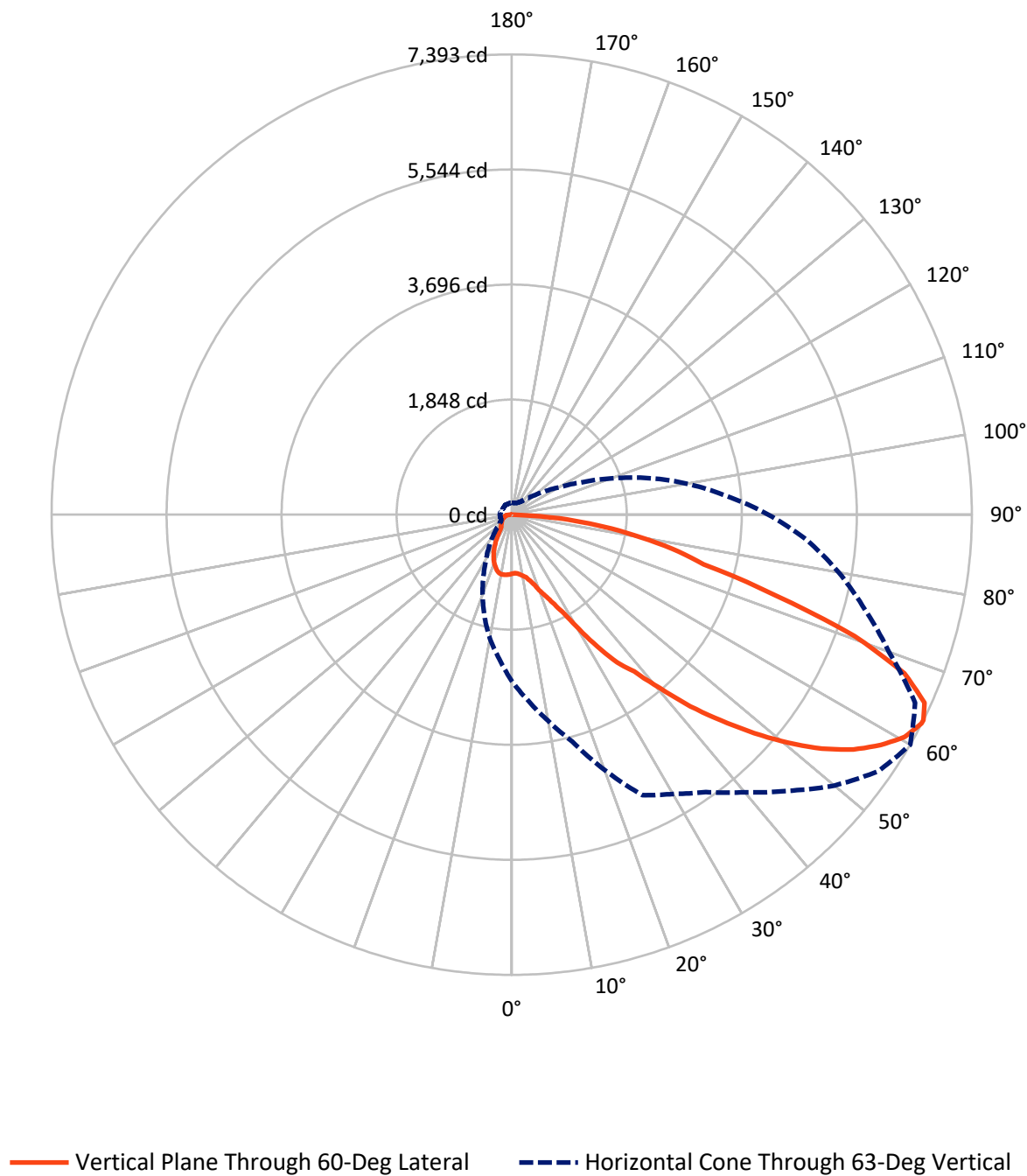


Based on 10 foot mounting height. Maximum calculated value = 18.8 fc
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P181052

CATALOG NUMBER: ICS-F04-LED-E1-SLL-7030

Luminous Intensity Polar Plot



REPORT NUMBER: P181052

CATALOG NUMBER: ICS-F04-LED-E1-SLL-7030

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1637.8	0.0	1637.8
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	5915.2	0.0	5915.2
	% Fixture	78.3	0.0	78.3
Total	Lumens	7553.0	0.0	7553.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.4	1.2
10°-20°	287.8	3.8
20°-30°	511.2	6.8
30°-40°	805.1	10.7
40°-50°	1184.8	15.7
50°-60°	1573.7	20.8
60°-70°	1733.5	23.0
70°-80°	1087.6	14.4
80°-90°	277.0	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°	7553.0	100.0
0°-180°	7553.0	100.0

Coefficient of Utilization



REPORT NUMBER: P181052

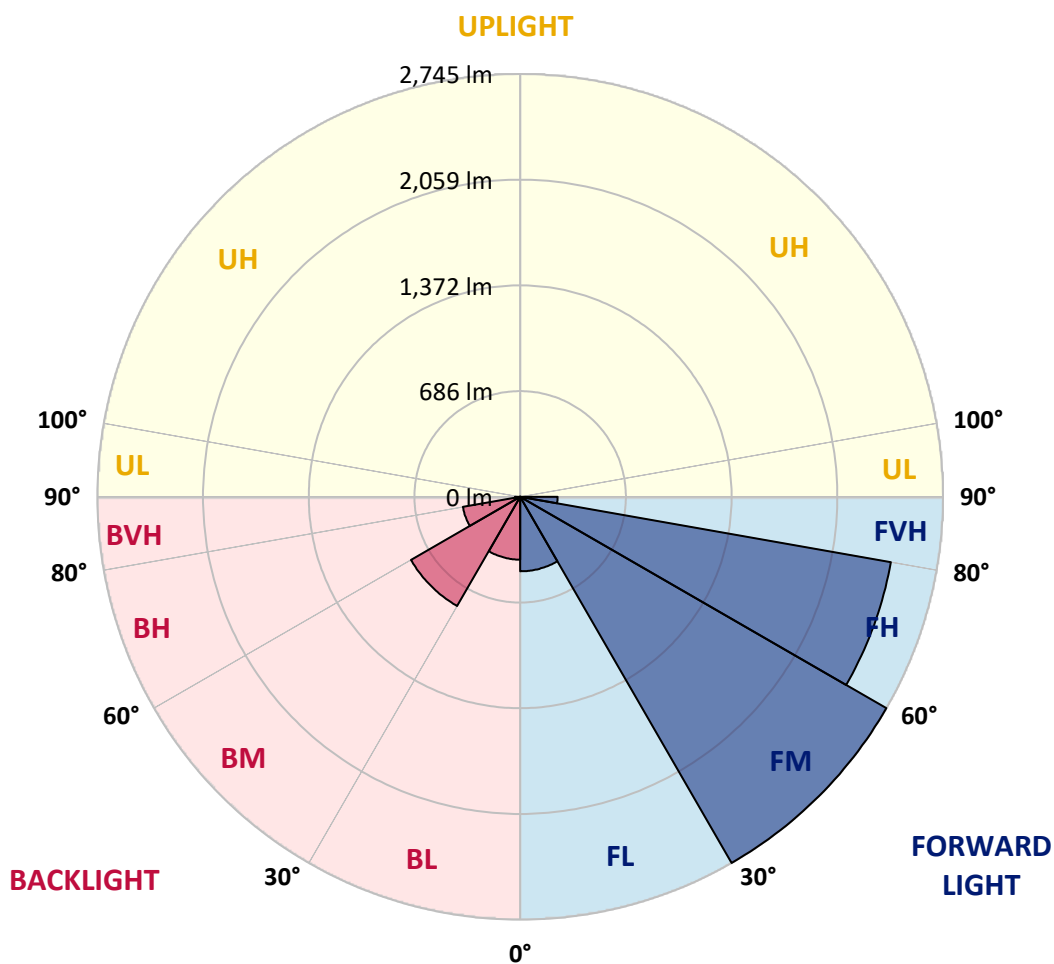
CATALOG NUMBER: ICS-F04-LED-E1-SLL-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	483.6	6.4			
FM	(30°-60°)	2745.0	36.3			
FH	(60°-80°)	2443.5	32.4			G2/5000
FVH	(80°-90°)	243.1	3.2			G3/500
BL	(0°-30°)	407.8	5.4	B1/500		
BM	(30°-60°)	818.6	10.8	B1/1000		
BH	(60°-80°)	377.5	5.0	B1/500		G1/500
BVH	(80°-90°)	33.9	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G3

Type IV Short



REPORT NUMBER: P181052

CATALOG NUMBER: ICS-F04-LED-E1-SLL-7030

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2
2.5°	936.5	938.3	938.3	937.4	937.4	939.2	938.3	937.4	934.7	938.3	938.3
5°	929.3	931.1	931.1	932.9	934.7	936.5	936.5	938.3	937.4	941.0	943.7
7.5°	938.3	940.1	943.7	948.3	951.0	957.3	957.3	961.8	963.7	966.4	965.5
10°	950.1	954.6	962.8	970.0	975.4	982.7	988.1	994.4	994.4	997.1	998.9
12.5°	970.9	975.4	984.5	993.5	1001.7	1010.7	1018.9	1025.2	1031.5	1033.3	1036.9
15°	1005.3	1010.7	1024.3	1036.9	1046.9	1058.7	1069.5	1082.2	1094.0	1096.7	1098.5
17.5°	1056.9	1067.7	1077.7	1100.3	1114.8	1130.1	1147.3	1165.4	1169.1	1188.1	1192.6
20°	1130.1	1143.7	1152.8	1180.8	1205.2	1225.2	1250.5	1271.3	1279.4	1297.5	1315.6
22.5°	1256.8	1254.1	1267.7	1295.7	1313.8	1353.6	1375.4	1397.1	1407.9	1435.1	1449.6
25°	1426.9	1441.4	1471.3	1474.0	1491.2	1537.3	1565.4	1587.1	1588.0	1596.1	1611.5
27.5°	1594.3	1654.1	1701.1	1726.4	1772.6	1815.1	1813.3	1844.1	1796.1	1806.1	1820.5
30°	1797.0	1896.5	1985.2	2044.9	2092.0	2141.8	2166.2	2183.4	2162.6	2153.5	2136.3
32.5°	1987.0	2126.4	2263.0	2368.9	2456.6	2539.0	2593.3	2617.7	2646.7	2720.0	2746.2
35°	2117.3	2314.6	2484.7	2637.6	2784.2	2915.4	3010.4	3064.7	3043.9	3033.9	3028.5
37.5°	2195.1	2435.8	2648.5	2864.7	3033.0	3229.4	3376.9	3519.8	3552.4	3495.4	3467.4
40°	2244.0	2529.0	2802.3	3057.5	3275.5	3528.9	3711.7	3926.1	4089.0	4110.7	4043.7
42.5°	2267.5	2591.5	2910.0	3198.6	3493.6	3804.0	4035.6	4295.3	4538.7	4706.1	4664.5
45°	2271.2	2632.2	2988.7	3326.2	3677.3	4045.5	4344.1	4631.9	4957.6	5244.5	5252.6
47.5°	2271.2	2662.9	3043.0	3418.5	3842.0	4255.5	4581.2	4921.4	5320.5	5659.8	5763.8
50°	2273.0	2683.8	3093.7	3490.9	3967.7	4432.8	4801.1	5202.8	5622.7	5991.9	6192.7
52.5°	2281.1	2699.1	3133.5	3542.5	4049.2	4557.7	4972.1	5435.4	5853.4	6232.5	6492.2
55°	2299.2	2720.9	3162.4	3574.1	4103.5	4639.1	5096.1	5594.6	6002.7	6387.3	6750.1
57.5°	2349.9	2758.9	3197.7	3602.2	4133.3	4692.5	5182.9	5663.4	6059.7	6460.6	6886.7
60°	2451.2	2839.4	3258.3	3658.3	4183.1	4791.1	5224.6	5617.3	6018.1	6438.9	6917.5
62.5°	2613.2	2965.2	3342.5	3753.3	4325.1	4944.1	5192.9	5479.7	5854.3	6313.1	6808.0
63°	2669.3	2992.3	3361.5	3774.1	4364.0	4972.1	5179.3	5439.0	5820.8	6273.3	6769.1
65°	2825.8	3112.7	3452.0	3879.1	4524.2	5000.2	5073.4	5227.3	5589.2	6046.2	6539.3
67.5°	3118.1	3404.9	3646.5	4056.4	4659.0	4889.8	4745.0	4764.0	5142.2	5615.4	6058.8
70°	3302.7	3644.7	3770.5	4079.0	4634.6	4726.0	4319.7	4068.2	4371.3	4910.6	5298.8
72.5°	3254.7	3647.4	3633.8	3777.7	4146.0	4231.0	3810.3	3414.0	3594.0	3996.7	4248.2
75°	2787.8	3257.4	3157.9	3128.9	3258.3	3314.4	2998.6	2938.0	3165.1	3388.6	3392.3
77.5°	2006.9	2523.6	2406.9	2239.5	2230.4	2359.8	2402.4	2799.6	3135.3	3311.7	3233.9
80°	1278.5	1838.6	1717.4	1425.1	1420.6	1588.9	1962.6	2502.8	2858.4	2957.0	2754.3
82.5°	667.8	1203.4	1249.6	1069.5	1224.3	1502.9	1867.6	2016.9	2151.7	2165.3	1926.4
85°	416.2	740.2	870.5	898.5	1105.7	1332.8	1330.1	1277.6	1217.9	1042.4	942.8
87.5°	47.1	93.2	141.2	133.9	180.1	252.5	314.9	184.6	129.4	47.1	65.1
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: P181052

CATALOG NUMBER: ICS-F04-LED-E1-SLL-7030

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2
2.5°	940.1	941.0	941.9	941.9	946.5	945.6	946.5	948.3	951.0	952.8	954.6
5°	947.4	947.4	951.0	953.7	959.1	962.8	964.6	970.0	976.3	974.5	979.9
7.5°	970.9	970.0	973.6	975.4	979.9	986.3	985.4	989.9	995.3	997.1	1001.7
10°	1002.6	999.8	999.8	998.0	998.9	997.1	997.1	997.1	1000.8	999.8	1003.5
12.5°	1035.1	1034.2	1032.4	1027.0	1027.0	1019.8	1016.1	1011.6	1010.7	1004.4	1005.3
15°	1102.1	1102.1	1098.5	1087.6	1078.6	1072.2	1063.2	1056.9	1047.8	1036.0	1029.7
17.5°	1199.8	1187.2	1182.6	1180.8	1166.3	1160.9	1141.0	1120.2	1110.2	1094.0	1084.9
20°	1319.3	1316.5	1298.4	1289.4	1271.3	1246.0	1220.6	1193.5	1177.2	1157.3	1146.4
22.5°	1454.1	1434.2	1425.1	1411.6	1383.5	1354.5	1316.5	1280.4	1255.0	1241.4	1233.3
25°	1611.5	1591.6	1582.6	1564.5	1530.1	1499.3	1452.3	1409.7	1387.1	1364.5	1351.8
27.5°	1820.5	1801.5	1790.7	1743.6	1731.9	1681.2	1623.3	1565.4	1535.5	1502.0	1480.3
30°	2132.7	2133.6	2077.5	2020.5	1961.7	1873.9	1813.3	1748.2	1699.3	1651.3	1603.4
32.5°	2660.2	2525.4	2421.4	2299.2	2171.6	2078.4	2003.3	1925.5	1857.6	1788.0	1708.3
35°	2982.4	2917.2	2782.4	2558.9	2430.4	2317.3	2234.1	2139.9	2056.7	1933.6	1812.4
37.5°	3346.1	3195.0	3031.2	2907.3	2761.6	2630.4	2491.0	2384.3	2240.4	2074.8	1902.9
40°	3877.2	3661.0	3463.7	3297.2	3109.0	2971.5	2815.9	2661.1	2470.2	2230.4	1994.3
42.5°	4431.9	4208.4	3947.8	3731.6	3509.9	3348.8	3156.1	2938.9	2658.4	2361.6	2073.0
45°	5013.7	4715.1	4403.0	4138.7	3908.0	3708.0	3469.2	3181.4	2839.4	2479.3	2146.3
47.5°	5587.4	5244.5	4872.6	4588.5	4288.0	4043.7	3750.6	3386.8	2980.5	2590.6	2219.6
50°	6093.2	5762.9	5315.0	4954.0	4650.0	4348.7	3983.1	3545.2	3091.8	2686.5	2285.6
52.5°	6529.3	6245.2	5773.8	5317.8	4967.6	4629.2	4170.4	3672.8	3204.0	2775.1	2339.9
55°	6849.6	6660.5	6226.2	5660.7	5247.2	4843.6	4328.8	3795.8	3309.9	2845.7	2375.2
57.5°	7091.2	6986.3	6613.5	5983.7	5504.2	5051.7	4492.5	3943.3	3414.9	2906.4	2391.5
60°	7223.3	7252.3	6906.7	6266.0	5731.3	5225.5	4656.3	4069.1	3492.7	2941.6	2382.4
62.5°	7210.7	7388.0	7126.5	6439.8	5863.4	5328.6	4766.7	4127.9	3481.8	2885.5	2300.1
63°	7186.3	7392.6	7151.0	6451.5	5871.5	5332.2	4769.4	4119.7	3459.2	2858.4	2267.5
65°	6975.4	7288.5	7130.2	6398.1	5799.1	5264.4	4712.4	4002.1	3300.0	2712.7	2100.1
67.5°	6410.8	6802.6	6757.4	6020.8	5456.2	4983.9	4421.1	3623.0	2906.4	2354.4	1779.8
70°	5477.9	5846.2	5854.3	5236.3	4764.9	4301.6	3833.8	2948.0	2303.7	1825.1	1327.4
72.5°	4198.5	4435.5	4517.9	4110.7	3794.9	3469.2	3049.3	2139.9	1642.3	1241.4	864.1
75°	3251.1	3185.9	3185.0	3013.1	2884.6	2725.4	2263.9	1444.1	1078.6	807.1	528.4
77.5°	2922.6	2633.1	2352.6	2146.3	2043.1	1989.7	1484.8	870.5	636.1	464.2	304.0
80°	2410.5	1983.4	1602.5	1379.9	1291.2	1352.7	827.9	470.5	348.4	264.2	197.3
82.5°	1662.2	1379.9	1048.7	868.6	745.6	780.0	423.5	240.7	161.1	147.5	122.2
85°	865.9	759.2	640.6	550.1	485.9	427.1	219.9	114.9	67.0	58.8	53.4
87.5°	0.0	0.9	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

REPORT NUMBER: P181052

CATALOG NUMBER: ICS-F04-LED-E1-SLL-7030

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2
2.5°	957.3	956.4	958.2	959.1	961.8	963.7	964.6	962.8	965.5	968.2	966.4
5°	982.7	989.0	989.9	992.6	992.6	998.0	998.0	998.0	997.1	998.0	996.2
7.5°	1004.4	1012.5	1013.4	1017.0	1017.9	1024.3	1021.6	1023.4	1023.4	1018.9	1017.0
10°	1007.1	1015.2	1019.8	1024.3	1030.6	1038.8	1038.8	1043.3	1043.3	1039.7	1038.8
12.5°	1008.0	1014.3	1018.9	1025.2	1034.2	1046.0	1052.3	1058.7	1061.4	1060.5	1057.8
15°	1027.0	1027.0	1027.9	1033.3	1039.7	1054.1	1063.2	1070.4	1075.0	1073.1	1068.6
17.5°	1076.8	1069.5	1064.1	1055.0	1056.9	1064.1	1069.5	1075.9	1076.8	1075.0	1067.7
20°	1134.7	1125.6	1112.1	1097.6	1090.3	1084.9	1081.3	1081.3	1078.6	1069.5	1057.8
22.5°	1217.0	1205.2	1186.2	1164.5	1150.1	1132.9	1112.1	1092.1	1070.4	1048.7	1023.4
25°	1331.0	1314.7	1294.8	1261.3	1230.6	1194.4	1151.9	1107.5	1055.9	1010.7	973.6
27.5°	1445.9	1409.7	1358.2	1312.0	1255.0	1200.7	1140.1	1085.8	1019.8	965.5	924.7
30°	1540.9	1472.2	1398.0	1324.7	1249.6	1176.3	1103.9	1038.8	966.4	911.2	871.4
32.5°	1614.2	1519.2	1416.1	1320.2	1227.9	1138.3	1055.0	982.7	909.4	852.4	809.8
35°	1682.1	1550.0	1418.8	1300.3	1186.2	1093.0	998.9	920.2	842.4	782.7	736.5
37.5°	1732.8	1564.5	1402.5	1263.2	1132.0	1027.9	932.0	851.5	771.8	706.7	654.2
40°	1765.3	1555.4	1367.2	1209.8	1067.7	958.2	860.5	777.3	700.3	628.9	565.5
42.5°	1791.6	1543.7	1331.9	1160.9	1017.0	897.6	797.2	707.6	629.8	552.0	482.3
45°	1830.5	1552.7	1316.5	1126.5	971.8	846.0	735.6	642.4	561.0	485.0	418.0
47.5°	1868.5	1557.2	1293.9	1084.0	914.8	792.6	680.4	590.0	506.7	437.0	375.5
50°	1902.9	1554.5	1258.6	1029.7	859.6	739.3	630.7	540.2	457.8	393.6	335.7
52.5°	1919.2	1539.1	1215.2	977.2	815.3	692.2	581.8	494.0	412.6	352.0	298.6
55°	1917.4	1499.3	1158.2	927.5	766.4	642.4	533.9	447.0	373.7	317.6	271.5
57.5°	1890.2	1437.8	1097.6	872.3	702.2	580.9	477.8	393.6	332.1	285.0	246.1
60°	1833.2	1359.1	1017.9	791.7	621.6	504.9	408.1	335.7	285.9	249.7	224.4
62.5°	1726.4	1246.0	918.4	679.5	513.0	406.3	322.1	275.1	238.0	216.3	204.5
63°	1694.8	1215.2	875.9	652.4	487.7	383.7	304.0	255.2	228.0	209.0	198.2
65°	1537.3	1064.1	732.9	526.6	379.1	295.9	244.3	207.2	190.9	182.8	181.9
67.5°	1245.1	837.0	518.5	361.0	257.9	213.5	187.3	171.9	164.7	162.9	164.7
70°	874.1	528.4	329.4	239.8	190.9	171.9	160.2	153.8	149.3	150.2	152.0
72.5°	557.4	316.7	226.2	181.9	161.1	151.1	145.7	143.9	143.0	142.1	142.1
75°	317.6	210.8	173.7	157.4	146.6	138.4	133.9	132.1	133.0	133.9	132.1
77.5°	209.9	173.7	154.7	143.9	133.9	124.9	122.2	121.2	123.1	124.9	124.9
80°	165.6	154.7	143.9	133.0	116.7	110.4	112.2	113.1	112.2	113.1	110.4
82.5°	116.7	114.9	117.6	113.1	96.8	91.4	89.6	90.5	88.7	88.7	86.9
85°	54.3	54.3	57.0	57.0	55.2	56.1	60.6	66.1	68.8	66.1	62.4
87.5°	0.0	0.0	0.0	0.0	0.0	8.1	16.3	23.5	25.3	31.7	30.8
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: P181052

CATALOG NUMBER: ICS-F04-LED-E1-SLL-7030

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2
2.5°	963.7	965.5	964.6	963.7	965.5	963.7	964.6	963.7	963.7	962.8	962.8
5°	994.4	997.1	991.7	990.8	989.0	984.5	984.5	982.7	982.7	979.0	976.3
7.5°	1014.3	1015.2	1010.7	1009.8	1005.3	1000.8	997.1	993.5	992.6	989.9	984.5
10°	1033.3	1031.5	1027.9	1023.4	1018.9	1012.5	1008.0	1003.5	1002.6	998.0	991.7
12.5°	1049.6	1048.7	1041.5	1036.9	1029.7	1023.4	1017.9	1012.5	1009.8	1004.4	995.3
15°	1060.5	1055.0	1046.0	1037.9	1029.7	1022.5	1016.1	1009.8	1007.1	1000.8	991.7
17.5°	1055.9	1046.0	1034.2	1024.3	1013.4	1004.4	998.9	992.6	988.1	984.5	971.8
20°	1039.7	1025.2	1007.1	995.3	980.8	969.1	965.5	959.1	955.5	941.9	925.7
22.5°	997.1	976.3	953.7	936.5	920.2	908.5	899.4	893.1	884.0	875.9	850.6
25°	943.7	920.2	896.7	875.9	854.2	836.1	819.8	804.4	799.9	782.7	758.3
27.5°	892.2	865.9	842.4	818.0	789.9	767.3	739.3	717.5	703.1	685.0	662.3
30°	837.0	810.7	779.1	746.5	713.9	689.5	657.8	631.6	613.5	594.5	573.7
32.5°	767.3	735.6	697.6	661.4	631.6	602.6	571.0	545.6	527.5	510.3	490.4
35°	687.7	646.1	605.3	565.5	533.9	509.4	481.4	462.4	449.7	434.3	413.5
37.5°	596.3	549.2	505.8	475.0	447.0	423.5	403.6	391.8	378.2	370.1	357.4
40°	504.0	457.8	415.3	387.3	363.7	350.2	339.3	336.6	327.6	316.7	308.6
42.5°	422.6	378.2	336.6	314.0	298.6	295.0	289.5	289.5	285.0	276.9	271.5
45°	367.4	321.2	285.0	268.7	260.6	259.7	257.0	257.0	256.1	252.5	246.1
47.5°	327.6	285.9	257.9	247.9	246.1	244.3	241.6	240.7	239.8	237.1	233.4
50°	291.4	256.1	238.0	233.4	234.4	231.6	228.9	226.2	225.3	222.6	219.0
52.5°	257.9	232.5	220.8	218.1	218.1	218.1	216.3	216.3	214.4	213.5	209.9
55°	238.9	219.9	213.5	212.6	211.7	210.8	209.0	209.0	207.2	206.3	201.8
57.5°	222.6	210.8	207.2	205.4	204.5	202.7	201.8	201.8	201.8	201.8	196.4
60°	209.9	204.5	203.6	201.8	200.9	197.3	195.4	194.5	195.4	196.4	190.9
62.5°	196.4	195.4	194.5	192.7	191.8	188.2	185.5	183.7	185.5	187.3	186.4
63°	192.7	191.8	191.8	190.9	190.0	185.5	182.8	181.0	182.8	184.6	184.6
65°	180.1	181.0	181.0	180.1	179.2	176.4	172.8	171.0	171.9	174.6	175.5
67.5°	166.5	167.4	166.5	167.4	166.5	164.7	162.0	160.2	159.3	160.2	161.1
70°	153.8	155.6	154.7	153.8	152.9	152.9	151.1	148.4	147.5	146.6	146.6
72.5°	143.0	143.0	141.2	141.2	140.3	140.3	138.4	135.7	134.8	134.8	133.0
75°	131.2	131.2	128.5	128.5	126.7	127.6	125.8	123.1	122.2	122.2	121.2
77.5°	124.0	121.2	116.7	115.8	114.9	114.9	114.0	111.3	110.4	110.4	109.5
80°	109.5	104.1	99.5	98.6	99.5	101.3	101.3	99.5	99.5	99.5	99.5
82.5°	85.1	83.2	80.5	78.7	78.7	81.4	85.1	86.9	88.7	90.5	90.5
85°	62.4	63.3	62.4	59.7	58.8	61.5	65.1	68.8	69.7	73.3	72.4
87.5°	33.5	34.4	31.7	30.8	33.5	35.3	38.9	39.8	41.6	42.5	43.4
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: P181052

CATALOG NUMBER: ICS-F04-LED-E1-SLL-7030

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2
2.5°	961.8	960.9	961.8	960.0	960.0	958.2	956.4	955.5	953.7	952.8	951.0
5°	978.1	975.4	972.7	971.8	968.2	964.6	961.8	957.3	953.7	947.4	945.6
7.5°	989.0	982.7	979.0	978.1	972.7	970.0	963.7	958.2	952.8	944.7	941.9
10°	993.5	987.2	980.8	978.1	971.8	967.3	960.9	952.8	948.3	940.1	938.3
12.5°	998.9	987.2	977.2	970.0	960.9	951.0	944.7	940.1	933.8	929.3	927.5
15°	989.0	973.6	958.2	944.7	930.2	919.3	913.0	905.7	898.5	895.8	895.8
17.5°	961.8	941.9	915.7	898.5	883.1	871.4	863.2	856.0	855.1	851.5	853.3
20°	905.7	879.5	854.2	841.5	832.5	825.2	817.1	813.5	810.7	805.3	803.5
22.5°	827.9	806.2	788.1	779.1	771.8	762.8	755.5	744.7	742.0	736.5	733.8
25°	742.0	724.8	709.4	703.1	698.5	685.9	681.3	666.9	656.9	650.6	654.2
27.5°	656.0	643.3	628.9	620.7	618.0	606.2	601.7	585.4	577.3	577.3	568.2
30°	567.3	555.6	546.5	537.5	535.7	521.2	509.4	503.1	494.0	490.4	484.1
32.5°	484.1	472.3	465.1	460.6	453.3	441.6	429.8	418.9	404.5	399.0	396.3
35°	407.2	398.1	389.1	385.5	375.5	362.8	348.4	339.3	322.1	315.8	313.1
37.5°	348.4	337.5	331.2	321.2	311.3	297.7	286.8	278.7	272.4	269.6	269.6
40°	301.3	293.2	285.9	277.8	269.6	262.4	257.0	255.2	254.3	254.3	256.1
42.5°	266.0	258.8	255.2	250.6	247.9	247.9	247.0	247.9	248.8	249.7	252.5
45°	242.5	238.0	236.2	235.3	237.1	238.9	239.8	241.6	245.2	247.0	247.9
47.5°	229.8	226.2	225.3	226.2	228.9	232.5	236.2	238.9	241.6	242.5	243.4
50°	217.2	212.6	210.8	212.6	216.3	221.7	224.4	228.9	230.7	232.5	230.7
52.5°	206.3	202.7	201.8	201.8	205.4	209.0	212.6	216.3	217.2	217.2	216.3
55°	197.3	194.5	191.8	193.6	196.4	200.0	205.4	208.1	209.9	210.8	210.8
57.5°	190.0	187.3	184.6	186.4	189.1	192.7	198.2	200.9	202.7	205.4	206.3
60°	184.6	181.0	178.3	181.0	183.7	189.1	193.6	196.4	200.9	201.8	201.8
62.5°	179.2	175.5	171.0	173.7	173.7	176.4	181.0	184.6	189.1	190.9	190.9
63°	178.3	174.6	170.1	171.9	171.9	173.7	177.3	181.0	186.4	188.2	187.3
65°	171.0	170.1	165.6	165.6	163.8	165.6	168.3	171.9	174.6	177.3	177.3
67.5°	159.3	158.3	157.4	157.4	157.4	159.3	161.1	163.8	166.5	168.3	167.4
70°	145.7	145.7	145.7	146.6	146.6	148.4	149.3	148.4	151.1	152.9	152.0
72.5°	133.9	133.0	132.1	133.9	133.0	133.0	134.8	133.9	136.6	136.6	137.5
75°	121.2	120.3	120.3	121.2	119.4	117.6	118.5	118.5	119.4	119.4	121.2
77.5°	110.4	110.4	110.4	109.5	107.7	106.8	105.9	105.9	105.9	105.9	106.8
80°	100.4	100.4	100.4	99.5	97.7	95.9	94.1	93.2	92.3	87.8	87.8
82.5°	90.5	90.5	90.5	90.5	89.6	87.8	85.1	77.8	74.2	70.6	71.5
85°	71.5	73.3	75.1	77.8	76.9	76.9	71.5	62.4	57.0	53.4	54.3
87.5°	46.1	40.7	40.7	39.8	38.0	36.2	36.2	30.8	25.3	22.6	23.5
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: P181052
CATALOG NUMBER: ICS-F04-LED-E1-SLL-7030

REPORT N
CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	0°
2.5°	951.0	949.2	947.4	947.4	944.7	944.7	942.8	946.5	942.8	940.1	940.1	2.5°
5°	943.7	941.9	936.5	935.6	932.0	932.0	932.0	930.2	930.2	928.4	927.5	5°
7.5°	939.2	934.7	930.2	927.5	927.5	925.7	929.3	927.5	928.4	928.4	929.3	7.5°
10°	935.6	932.0	930.2	929.3	929.3	932.0	934.7	935.6	934.7	935.6	935.6	10°
12.5°	926.6	928.4	929.3	932.9	937.4	942.8	949.2	950.1	951.9	951.9	953.7	12.5°
15°	897.6	902.1	907.6	916.6	928.4	940.1	951.9	961.8	970.9	975.4	979.0	15°
17.5°	856.9	861.4	871.4	881.3	896.7	913.9	933.8	951.0	970.0	987.2	1004.4	17.5°
20°	801.7	808.9	811.6	829.7	847.8	871.4	894.9	922.0	954.6	987.2	1020.7	20°
22.5°	730.2	738.4	751.0	765.5	784.5	813.5	841.5	884.0	927.5	973.6	1026.1	22.5°
25°	650.6	659.6	670.5	685.9	704.9	735.6	776.4	821.6	875.0	935.6	1000.8	25°
27.5°	568.2	577.3	586.3	597.2	618.9	651.5	699.4	746.5	805.3	871.4	947.4	27.5°
30°	485.9	486.8	492.2	505.8	528.4	571.0	606.2	665.1	726.6	796.3	884.0	30°
32.5°	395.4	394.5	400.8	412.6	434.3	475.0	518.5	575.5	636.1	723.9	814.4	32.5°
35°	314.9	314.9	326.6	338.4	362.8	391.8	429.8	480.5	552.0	633.4	723.9	35°
37.5°	272.4	278.7	285.9	297.7	316.7	339.3	372.8	417.1	473.2	551.0	634.3	37.5°
40°	258.8	262.4	268.7	279.6	295.9	316.7	341.1	374.6	418.0	480.5	556.5	40°
42.5°	253.4	254.3	257.9	266.0	280.5	301.3	326.6	356.5	389.1	433.4	499.5	42.5°
45°	247.9	247.0	248.8	255.2	266.9	290.5	319.4	352.0	384.6	421.7	475.9	45°
47.5°	243.4	243.4	243.4	246.1	257.0	280.5	314.0	352.0	390.9	432.5	485.9	47.5°
50°	230.7	229.8	229.8	231.6	239.8	265.1	304.9	351.1	401.7	456.0	516.7	50°
52.5°	216.3	216.3	217.2	218.1	225.3	250.6	295.0	351.1	414.4	486.8	562.8	52.5°
55°	211.7	212.6	213.5	212.6	218.1	239.8	284.1	345.6	419.8	511.2	612.6	55°
57.5°	208.1	209.9	209.9	209.0	212.6	230.7	273.3	334.8	415.3	520.3	647.9	57.5°
60°	202.7	202.7	202.7	200.0	201.8	218.1	257.0	317.6	400.8	512.1	653.3	60°
62.5°	190.9	190.9	189.1	188.2	187.3	200.0	235.3	292.3	374.6	490.4	639.7	62.5°
63°	188.2	187.3	187.3	184.6	184.6	196.4	230.7	288.6	367.4	485.0	634.3	63°
65°	178.3	178.3	178.3	176.4	175.5	184.6	212.6	263.3	339.3	459.7	607.1	65°
67.5°	167.4	168.3	166.5	165.6	164.7	170.1	191.8	231.6	295.9	406.3	556.5	67.5°
70°	152.0	152.9	152.9	152.0	151.1	154.7	168.3	199.1	245.2	338.4	474.1	70°
72.5°	138.4	140.3	140.3	142.1	142.1	144.8	150.2	165.6	196.4	264.2	372.8	72.5°
75°	124.0	124.9	126.7	128.5	126.7	125.8	126.7	138.4	153.8	195.4	266.0	75°
77.5°	111.3	114.0	114.0	113.1	110.4	108.6	108.6	114.0	126.7	148.4	190.0	77.5°
80°	92.3	96.8	97.7	95.0	92.3	92.3	94.1	97.7	105.9	122.2	143.9	80°
82.5°	74.2	78.7	79.6	80.5	79.6	82.3	82.3	83.2	87.8	100.4	117.6	82.5°
85°	57.0	60.6	63.3	64.2	65.1	66.1	65.1	60.6	63.3	71.5	79.6	85°
87.5°	25.3	26.2	24.4	25.3	24.4	25.3	26.2	21.7	20.8	28.1	29.0	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: P181052

NUMBER: ICS-F04-LED-E1-SLL-7030

DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
949.2	949.2	949.2	949.2	949.2	949.2	949.2
939.2	939.2	940.1	938.3	938.3	939.2	936.5
924.7	928.4	928.4	928.4	926.6	928.4	929.3
928.4	931.1	932.9	932.9	932.0	935.6	938.3
932.9	937.4	939.2	939.2	939.2	943.7	950.1
950.1	953.7	956.4	956.4	958.2	963.7	970.9
981.8	986.3	986.3	985.4	990.8	997.1	1005.3
1017.0	1029.7	1036.0	1035.1	1039.7	1047.8	1056.9
1050.5	1085.8	1101.2	1112.1	1116.6	1127.4	1130.1
1078.6	1137.4	1179.9	1216.1	1233.3	1244.2	1256.8
1068.6	1148.2	1224.3	1298.4	1350.9	1404.3	1426.9
1027.9	1127.4	1227.0	1335.5	1430.6	1525.6	1594.3
978.1	1097.6	1231.5	1385.3	1535.5	1681.2	1797.0
921.1	1069.5	1241.4	1431.5	1628.7	1819.6	1987.0
849.6	1016.1	1217.0	1436.0	1668.5	1900.2	2117.3
759.2	943.7	1160.0	1403.4	1670.3	1935.5	2195.1
668.7	852.4	1087.6	1356.4	1646.8	1943.6	2244.0
605.3	770.9	1014.3	1296.6	1608.8	1930.9	2267.5
561.9	712.1	949.2	1242.3	1568.1	1908.3	2271.2
558.3	686.8	906.7	1202.5	1535.5	1888.4	2271.2
589.1	700.3	892.2	1182.6	1521.9	1882.1	2273.0
647.0	754.6	918.4	1198.0	1532.8	1890.2	2281.1
716.6	837.0	989.0	1251.4	1578.9	1917.4	2299.2
780.0	932.0	1109.3	1354.5	1663.1	1986.1	2349.9
817.1	1013.4	1236.9	1499.3	1807.0	2122.8	2451.2
821.6	1058.7	1350.0	1656.8	1981.6	2279.3	2613.2
818.0	1062.3	1364.5	1686.6	2018.7	2318.2	2669.3
798.1	1063.2	1405.2	1791.6	2147.2	2482.0	2825.8
747.4	1034.2	1419.7	1873.9	2309.2	2697.3	3118.1
659.6	951.9	1377.2	1875.7	2371.6	2817.7	3302.7
530.2	795.4	1193.5	1706.5	2206.9	2699.1	3254.7
388.2	584.5	902.1	1322.0	1800.6	2246.7	2787.8
257.9	378.2	608.1	941.9	1291.2	1617.0	2006.9
177.3	234.4	355.6	566.4	789.9	948.3	1278.5
130.3	154.7	197.3	289.5	380.0	467.8	667.8
81.4	88.7	98.6	143.0	204.5	276.0	416.2
21.7	22.6	20.8	28.1	44.3	42.5	47.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)