

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: P181038

Luminaire Tested: **ICS-E03-LED-E1-SLL**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181038
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-E03-LED-E1-SLL
Description: ICON SITE SMALL LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (63) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7513 lumens
Efficiency: N/A
Efficacy: 99.9 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 1' x H: 0.1')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G3

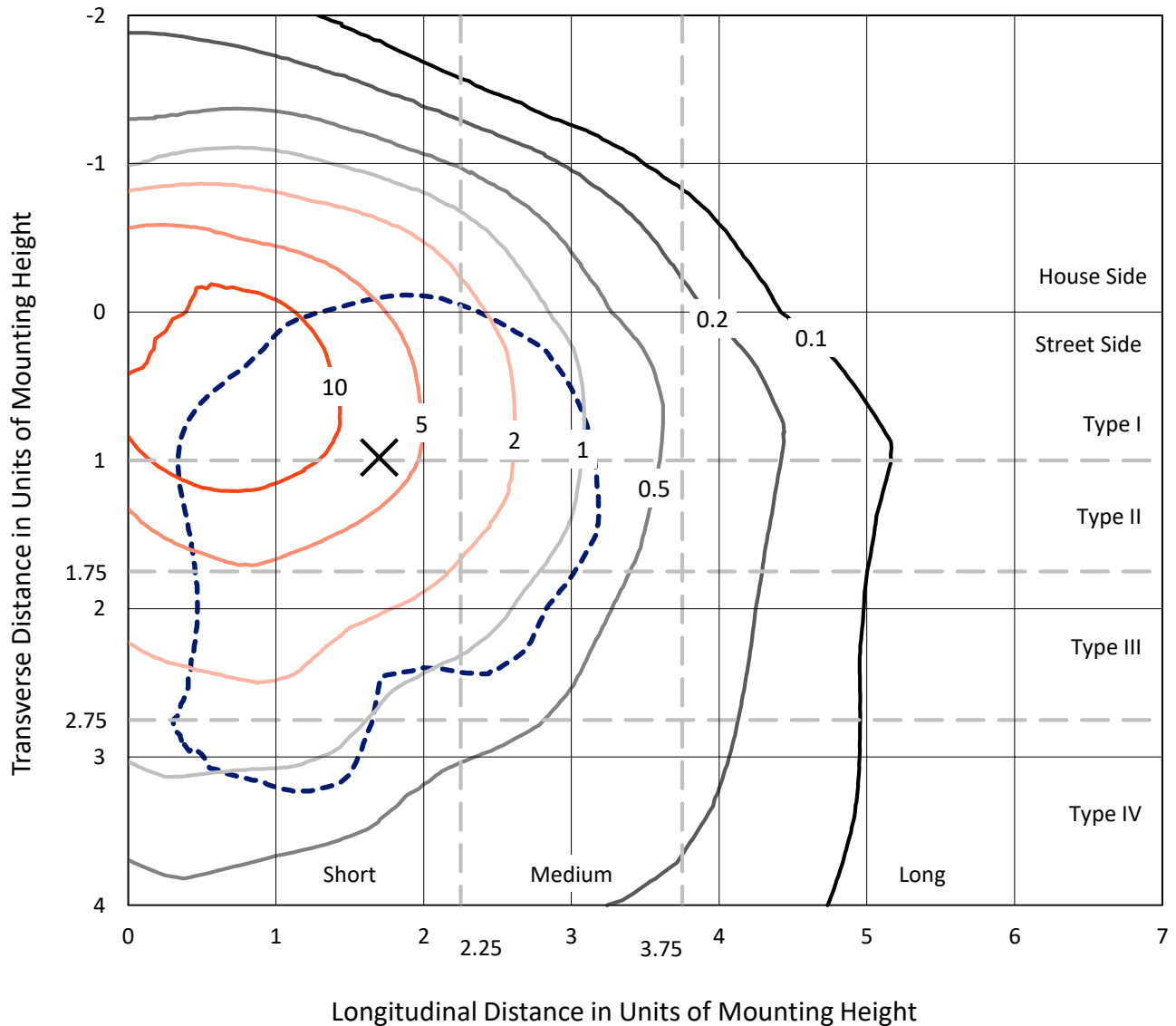
Input Watts (W): 75.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

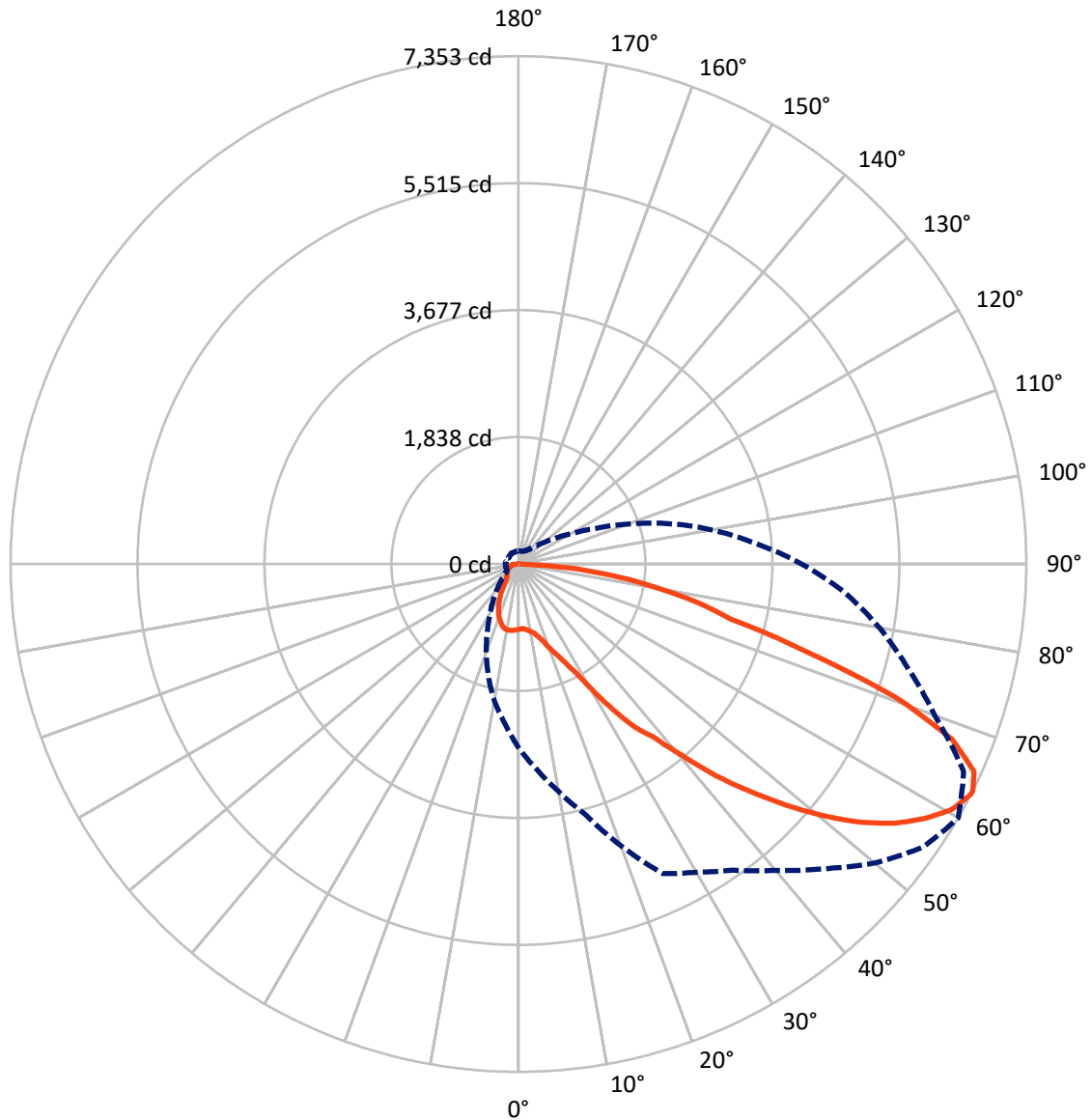
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 18.7 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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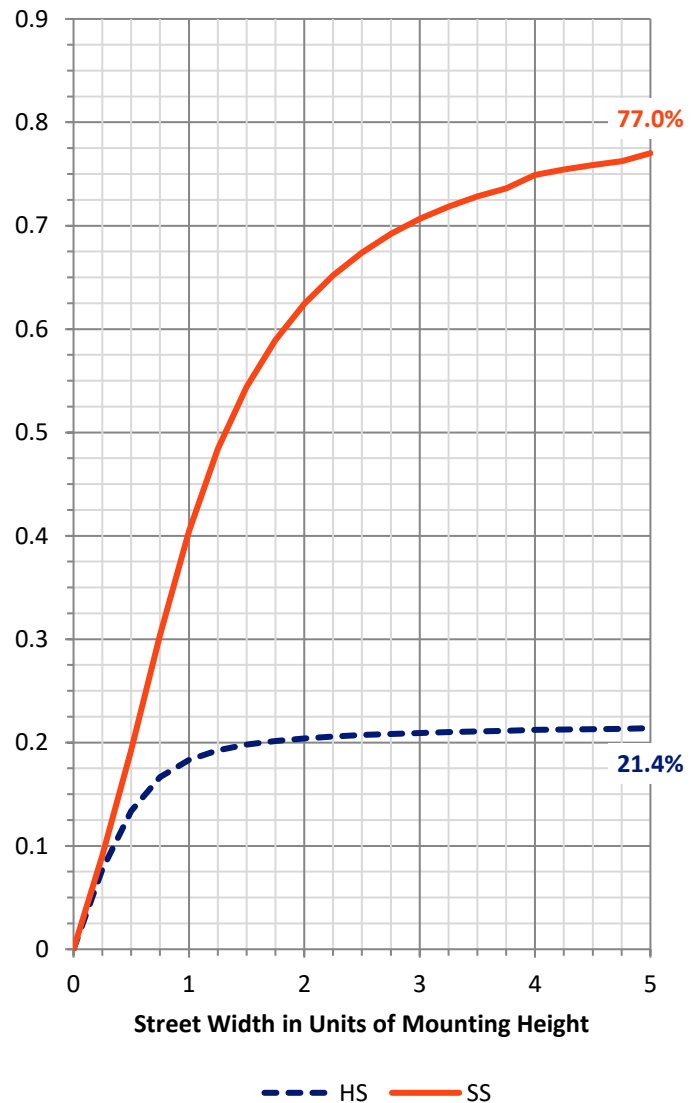
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1629.2	0.0	1629.2
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	5883.9	0.0	5883.9
	% Fixture	78.3	0.0	78.3
Total	Lumens	7513.0	0.0	7513.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.9	1.2
10°-20°	286.2	3.8
20°-30°	508.5	6.8
30°-40°	800.8	10.7
40°-50°	1178.5	15.7
50°-60°	1565.4	20.8
60°-70°	1724.3	23.0
70°-80°	1081.8	14.4
80°-90°	275.5	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°	7513.0	100.0
0°-180°	7513.0	100.0

Coefficient of Utilization



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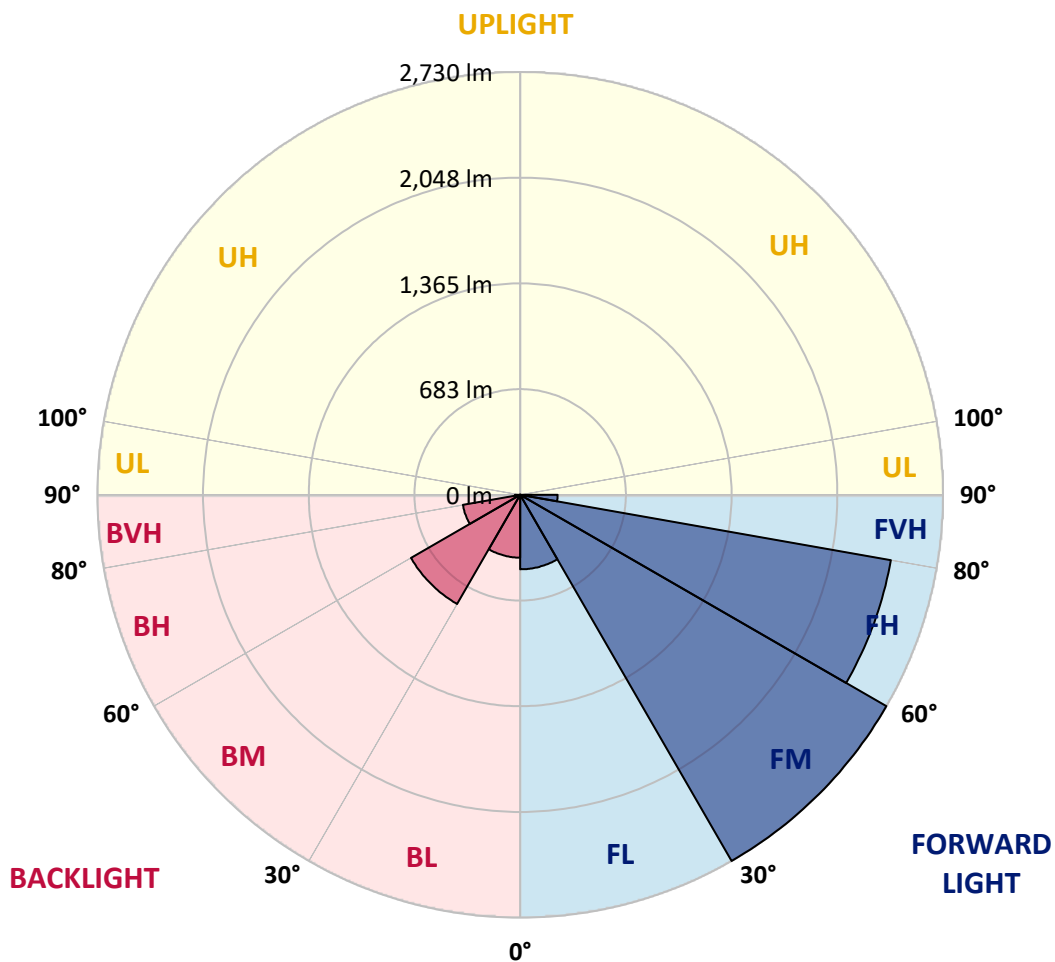
CATALOG NUMBER: ICS-E03-LED-E1-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	481.1	6.4			
FM	(30°-60°)	2730.4	36.3			
FH	(60°-80°)	2430.6	32.4			G2/5000
FVH	(80°-90°)	241.8	3.2			G3/500
BL	(0°-30°)	405.6	5.4	B1/500		
BM	(30°-60°)	814.3	10.8	B1/1000		
BH	(60°-80°)	375.5	5.0	B1/500		G1/500
BVH	(80°-90°)	33.7	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G3

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2
2.5°	931.6	933.4	933.4	932.5	932.5	934.3	933.4	932.5	929.8	933.4	933.4
5°	924.4	926.2	926.2	928.0	929.8	931.6	931.6	933.4	932.5	936.1	938.8
7.5°	933.4	935.2	938.8	943.3	946.0	952.3	952.3	956.8	958.6	961.3	960.4
10°	945.1	949.6	957.7	964.9	970.3	977.5	982.9	989.2	989.2	991.9	993.7
12.5°	965.8	970.3	979.3	988.3	996.4	1005.4	1013.5	1019.8	1026.1	1027.9	1031.5
15°	1000.0	1005.4	1018.9	1031.5	1041.4	1053.1	1063.9	1076.5	1088.2	1090.9	1092.7
17.5°	1051.3	1062.1	1072.0	1094.5	1108.9	1124.2	1141.3	1159.3	1162.9	1181.8	1186.3
20°	1124.2	1137.7	1146.7	1174.6	1198.9	1218.7	1243.9	1264.6	1272.7	1290.7	1308.7
22.5°	1250.2	1247.5	1261.0	1288.9	1306.9	1346.5	1368.1	1389.7	1400.5	1427.5	1441.9
25°	1419.4	1433.8	1463.5	1466.2	1483.3	1529.2	1557.1	1578.7	1579.6	1587.7	1603.0
27.5°	1585.9	1645.3	1692.1	1717.3	1763.2	1805.5	1803.7	1834.3	1786.6	1796.5	1810.9
30°	1787.5	1886.5	1974.7	2034.1	2080.9	2130.4	2154.7	2171.8	2151.1	2142.1	2125.0
32.5°	1976.5	2115.1	2251.0	2356.3	2443.6	2525.5	2579.5	2603.8	2632.6	2705.5	2731.6
35°	2106.1	2302.3	2471.5	2623.6	2769.5	2900.0	2994.5	3048.5	3027.8	3017.9	3012.5
37.5°	2183.5	2422.9	2634.4	2849.6	3017.0	3212.3	3359.0	3501.2	3533.6	3476.9	3449.0
40°	2232.1	2515.6	2787.5	3041.3	3258.2	3510.2	3692.0	3905.3	4067.3	4088.9	4022.3
42.5°	2255.5	2577.7	2894.6	3181.7	3475.1	3783.8	4014.2	4272.5	4514.6	4681.2	4639.8
45°	2259.1	2618.2	2972.9	3308.6	3657.8	4024.1	4321.1	4607.4	4931.4	5216.7	5224.8
47.5°	2259.1	2648.8	3026.9	3400.4	3821.6	4232.9	4556.9	4895.4	5292.3	5629.8	5733.3
50°	2260.9	2669.5	3077.3	3472.4	3946.7	4409.3	4775.7	5175.3	5592.9	5960.1	6159.9
52.5°	2269.0	2684.8	3116.9	3523.7	4027.7	4533.5	4945.8	5406.6	5822.4	6199.5	6457.9
55°	2287.0	2706.4	3145.7	3555.2	4081.7	4614.6	5069.1	5565.0	5970.9	6353.4	6714.4
57.5°	2337.4	2744.2	3180.8	3583.1	4111.4	4667.7	5155.5	5633.4	6027.6	6426.3	6850.3
60°	2438.2	2824.4	3241.1	3638.9	4160.9	4765.8	5196.9	5587.5	5986.2	6404.7	6880.9
62.5°	2599.3	2949.5	3324.8	3733.4	4302.2	4917.9	5165.4	5450.7	5823.3	6279.6	6772.0
63°	2655.1	2976.5	3343.7	3754.1	4340.9	4945.8	5151.9	5410.2	5790.0	6240.0	6733.3
65°	2810.9	3096.2	3433.7	3858.5	4500.2	4973.7	5046.6	5199.6	5559.6	6014.1	6504.7
67.5°	3101.6	3386.9	3627.2	4034.9	4634.4	4863.9	4719.9	4738.8	5115.0	5585.7	6026.7
70°	3285.2	3625.4	3750.5	4057.4	4610.1	4701.0	4296.8	4046.6	4348.1	4884.6	5270.7
72.5°	3237.5	3628.1	3614.6	3757.7	4124.0	4208.6	3790.1	3395.9	3575.0	3975.5	4225.7
75°	2773.1	3240.2	3141.2	3112.4	3241.1	3296.9	2982.8	2922.5	3148.4	3370.7	3374.3
77.5°	1996.3	2510.2	2394.1	2227.6	2218.6	2347.3	2389.6	2784.8	3118.7	3294.2	3216.8
80°	1271.8	1828.9	1708.3	1417.6	1413.1	1580.5	1952.2	2489.5	2843.3	2941.4	2739.7
82.5°	664.2	1197.1	1243.0	1063.9	1217.8	1495.0	1857.7	2006.2	2140.3	2153.8	1916.2
85°	414.0	736.2	865.8	893.7	1099.9	1325.8	1323.1	1270.9	1211.5	1036.9	937.9
87.5°	46.8	92.7	140.4	133.2	179.1	251.1	313.2	183.6	128.7	46.8	64.8
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2
2.5°	935.2	936.1	937.0	937.0	941.5	940.6	941.5	943.3	946.0	947.8	949.6
5°	942.4	942.4	946.0	948.7	954.1	957.7	959.5	964.9	971.2	969.4	974.8
7.5°	965.8	964.9	968.5	970.3	974.8	981.1	980.2	984.7	990.1	991.9	996.4
10°	997.3	994.6	994.6	992.8	993.7	991.9	991.9	991.9	995.5	994.6	998.2
12.5°	1029.7	1028.8	1027.0	1021.6	1021.6	1014.4	1010.8	1006.3	1005.4	999.1	1000.0
15°	1096.3	1096.3	1092.7	1081.9	1072.9	1066.6	1057.6	1051.3	1042.3	1030.6	1024.3
17.5°	1193.5	1180.9	1176.4	1174.6	1160.2	1154.8	1135.0	1114.3	1104.4	1088.2	1079.2
20°	1312.3	1309.6	1291.6	1282.6	1264.6	1239.4	1214.2	1187.2	1171.0	1151.2	1140.4
22.5°	1446.4	1426.6	1417.6	1404.1	1376.2	1347.4	1309.6	1273.6	1248.4	1234.9	1226.8
25°	1603.0	1583.2	1574.2	1556.2	1522.0	1491.4	1444.6	1402.3	1379.8	1357.3	1344.7
27.5°	1810.9	1792.0	1781.2	1734.4	1722.7	1672.3	1614.7	1557.1	1527.4	1494.1	1472.5
30°	2121.4	2122.3	2066.5	2009.8	1951.3	1864.0	1803.7	1738.9	1690.3	1642.6	1594.9
32.5°	2646.1	2512.0	2408.5	2287.0	2160.1	2067.4	1992.7	1915.3	1847.8	1778.5	1699.3
35°	2966.6	2901.8	2767.7	2545.3	2417.5	2305.0	2222.2	2128.6	2045.8	1923.4	1802.8
37.5°	3328.4	3178.1	3015.2	2891.9	2746.9	2616.4	2477.8	2371.6	2228.5	2063.8	1892.8
40°	3856.7	3641.6	3445.4	3279.8	3092.6	2955.8	2801.0	2647.0	2457.1	2218.6	1983.7
42.5°	4408.4	4186.1	3926.9	3711.8	3491.3	3331.1	3139.4	2923.4	2644.3	2349.1	2062.0
45°	4987.2	4690.2	4379.6	4116.8	3887.3	3688.4	3450.8	3164.6	2824.4	2466.1	2134.9
47.5°	5557.8	5216.7	4846.8	4564.1	4265.3	4022.3	3730.7	3368.9	2964.8	2576.8	2207.8
50°	6060.9	5732.4	5286.9	4927.8	4625.4	4325.6	3962.0	3526.4	3075.5	2672.2	2273.5
52.5°	6494.8	6212.1	5743.2	5289.6	4941.3	4604.7	4148.3	3653.3	3187.1	2760.5	2327.5
55°	6813.4	6625.3	6193.2	5630.7	5219.4	4818.0	4305.8	3775.7	3292.4	2830.7	2362.6
57.5°	7053.7	6949.3	6578.5	5952.0	5475.0	5025.0	4468.7	3922.4	3396.8	2891.0	2378.8
60°	7185.1	7213.9	6870.1	6232.8	5700.9	5197.8	4631.7	4047.5	3474.2	2926.1	2369.8
62.5°	7172.5	7348.9	7088.8	6405.6	5832.3	5300.4	4741.5	4106.0	3463.4	2870.3	2287.9
63°	7148.2	7353.4	7113.1	6417.3	5840.4	5304.0	4744.2	4097.9	3440.9	2843.3	2255.5
65°	6938.5	7249.9	7092.4	6364.2	5768.4	5236.5	4687.5	3980.9	3282.5	2698.3	2089.0
67.5°	6376.8	6766.6	6721.6	5988.9	5427.3	4957.5	4397.6	3603.8	2891.0	2341.9	1770.4
70°	5448.9	5815.2	5823.3	5208.6	4739.7	4278.8	3813.5	2932.4	2291.5	1815.4	1320.4
72.5°	4176.2	4412.0	4493.9	4088.9	3774.8	3450.8	3033.2	2128.6	1633.6	1234.9	859.5
75°	3233.9	3169.1	3168.2	2997.2	2869.4	2710.9	2251.9	1436.5	1072.9	802.8	525.6
77.5°	2907.2	2619.1	2340.1	2134.9	2032.3	1979.2	1477.0	865.8	632.7	461.7	302.4
80°	2397.7	1972.9	1594.0	1372.6	1284.4	1345.6	823.5	468.0	346.5	262.8	196.2
82.5°	1653.4	1372.6	1043.2	864.0	741.6	775.8	421.2	239.4	160.2	146.7	121.5
85°	861.3	755.1	637.2	547.2	483.3	424.8	218.7	114.3	66.6	58.5	53.1
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



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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2
2.5°	952.3	951.4	953.2	954.1	956.8	958.6	959.5	957.7	960.4	963.1	961.3
5°	977.5	983.8	984.7	987.4	987.4	992.8	992.8	992.8	991.9	992.8	991.0
7.5°	999.1	1007.2	1008.1	1011.7	1012.6	1018.9	1016.2	1018.0	1018.0	1013.5	1011.7
10°	1001.8	1009.9	1014.4	1018.9	1025.2	1033.3	1033.3	1037.8	1037.8	1034.2	1033.3
12.5°	1002.7	1009.0	1013.5	1019.8	1028.8	1040.5	1046.8	1053.1	1055.8	1054.9	1052.2
15°	1021.6	1021.6	1022.5	1027.9	1034.2	1048.6	1057.6	1064.8	1069.3	1067.5	1063.0
17.5°	1071.1	1063.9	1058.5	1049.5	1051.3	1058.5	1063.9	1070.2	1071.1	1069.3	1062.1
20°	1128.7	1119.7	1106.2	1091.8	1084.6	1079.2	1075.6	1075.6	1072.9	1063.9	1052.2
22.5°	1210.6	1198.9	1180.0	1158.4	1144.0	1126.9	1106.2	1086.4	1064.8	1043.2	1018.0
25°	1324.0	1307.8	1288.0	1254.7	1224.1	1188.1	1145.8	1101.7	1050.4	1005.4	968.5
27.5°	1438.3	1402.3	1351.0	1305.1	1248.4	1194.4	1134.1	1080.1	1014.4	960.4	919.9
30°	1532.8	1464.4	1390.6	1317.7	1243.0	1170.1	1098.1	1033.3	961.3	906.3	866.7
32.5°	1605.7	1511.2	1408.6	1313.2	1221.4	1132.3	1049.5	977.5	904.5	847.8	805.5
35°	1673.2	1541.8	1411.3	1293.4	1180.0	1087.3	993.7	915.3	837.9	778.5	732.6
37.5°	1723.6	1556.2	1395.1	1256.5	1126.0	1022.5	927.1	846.9	767.7	702.9	650.7
40°	1756.0	1547.2	1360.0	1203.4	1062.1	953.2	855.9	773.1	696.6	625.5	562.5
42.5°	1782.1	1535.5	1324.9	1154.8	1011.7	892.8	792.9	703.8	626.4	549.0	479.7
45°	1820.8	1544.5	1309.6	1120.6	966.7	841.5	731.7	639.0	558.0	482.4	415.8
47.5°	1858.6	1549.0	1287.1	1078.3	909.9	788.4	676.8	586.8	504.0	434.7	373.5
50°	1892.8	1546.3	1252.0	1024.3	855.0	735.3	627.3	537.3	455.4	391.5	333.9
52.5°	1909.0	1531.0	1208.8	972.1	810.9	688.5	578.7	491.4	410.4	350.1	297.0
55°	1907.2	1491.4	1152.1	922.6	762.3	639.0	531.0	444.6	371.7	315.9	270.0
57.5°	1880.2	1430.2	1091.8	867.6	698.4	577.8	475.2	391.5	330.3	283.5	244.8
60°	1823.5	1351.9	1012.6	787.5	618.3	502.2	405.9	333.9	284.4	248.4	223.2
62.5°	1717.3	1239.4	913.5	675.9	510.3	404.1	320.4	273.6	236.7	215.1	203.4
63°	1685.8	1208.8	871.2	648.9	485.1	381.6	302.4	253.8	226.8	207.9	197.1
65°	1529.2	1058.5	729.0	523.8	377.1	294.3	243.0	206.1	189.9	181.8	180.9
67.5°	1238.5	832.5	515.7	359.1	256.5	212.4	186.3	171.0	163.8	162.0	163.8
70°	869.4	525.6	327.6	238.5	189.9	171.0	159.3	153.0	148.5	149.4	151.2
72.5°	554.4	315.0	225.0	180.9	160.2	150.3	144.9	143.1	142.2	141.3	141.3
75°	315.9	209.7	172.8	156.6	145.8	137.7	133.2	131.4	132.3	133.2	131.4
77.5°	208.8	172.8	153.9	143.1	133.2	124.2	121.5	120.6	122.4	124.2	124.2
80°	164.7	153.9	143.1	132.3	116.1	109.8	111.6	112.5	111.6	112.5	109.8
82.5°	116.1	114.3	117.0	112.5	96.3	90.9	89.1	90.0	88.2	88.2	86.4
85°	54.0	54.0	56.7	56.7	54.9	55.8	60.3	65.7	68.4	65.7	62.1
87.5°	0.0	0.0	0.0	0.0	0.0	8.1	16.2	23.4	25.2	31.5	30.6
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: P181038

CATALOG NUMBER: ICS-E03-LED-E1-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2
2.5°	958.6	960.4	959.5	958.6	960.4	958.6	959.5	958.6	958.6	957.7	957.7
5°	989.2	991.9	986.5	985.6	983.8	979.3	979.3	977.5	977.5	973.9	971.2
7.5°	1009.0	1009.9	1005.4	1004.5	1000.0	995.5	991.9	988.3	987.4	984.7	979.3
10°	1027.9	1026.1	1022.5	1018.0	1013.5	1007.2	1002.7	998.2	997.3	992.8	986.5
12.5°	1044.1	1043.2	1036.0	1031.5	1024.3	1018.0	1012.6	1007.2	1004.5	999.1	990.1
15°	1054.9	1049.5	1040.5	1032.4	1024.3	1017.1	1010.8	1004.5	1001.8	995.5	986.5
17.5°	1050.4	1040.5	1028.8	1018.9	1008.1	999.1	993.7	987.4	982.9	979.3	966.7
20°	1034.2	1019.8	1001.8	990.1	975.7	964.0	960.4	954.1	950.5	937.0	920.8
22.5°	991.9	971.2	948.7	931.6	915.3	903.6	894.6	888.3	879.3	871.2	846.0
25°	938.8	915.3	891.9	871.2	849.6	831.6	815.4	800.1	795.6	778.5	754.2
27.5°	887.4	861.3	837.9	813.6	785.7	763.2	735.3	713.7	699.3	681.3	658.8
30°	832.5	806.4	774.9	742.5	710.1	685.8	654.3	628.2	610.2	591.3	570.6
32.5°	763.2	731.7	693.9	657.9	628.2	599.4	567.9	542.7	524.7	507.6	487.8
35°	684.0	642.6	602.1	562.5	531.0	506.7	478.8	459.9	447.3	432.0	411.3
37.5°	593.1	546.3	503.1	472.5	444.6	421.2	401.4	389.7	376.2	368.1	355.5
40°	501.3	455.4	413.1	385.2	361.8	348.3	337.5	334.8	325.8	315.0	306.9
42.5°	420.3	376.2	334.8	312.3	297.0	293.4	288.0	288.0	283.5	275.4	270.0
45°	365.4	319.5	283.5	267.3	259.2	258.3	255.6	255.6	254.7	251.1	244.8
47.5°	325.8	284.4	256.5	246.6	244.8	243.0	240.3	239.4	238.5	235.8	232.2
50°	289.8	254.7	236.7	232.2	233.1	230.4	227.7	225.0	224.1	221.4	217.8
52.5°	256.5	231.3	219.6	216.9	216.9	216.9	215.1	215.1	213.3	212.4	208.8
55°	237.6	218.7	212.4	211.5	210.6	209.7	207.9	207.9	206.1	205.2	200.7
57.5°	221.4	209.7	206.1	204.3	203.4	201.6	200.7	200.7	200.7	200.7	195.3
60°	208.8	203.4	202.5	200.7	199.8	196.2	194.4	193.5	194.4	195.3	189.9
62.5°	195.3	194.4	193.5	191.7	190.8	187.2	184.5	182.7	184.5	186.3	185.4
63°	191.7	190.8	190.8	189.9	189.0	184.5	181.8	180.0	181.8	183.6	183.6
65°	179.1	180.0	180.0	179.1	178.2	175.5	171.9	170.1	171.0	173.7	174.6
67.5°	165.6	166.5	165.6	166.5	165.6	163.8	161.1	159.3	158.4	159.3	160.2
70°	153.0	154.8	153.9	153.0	152.1	152.1	150.3	147.6	146.7	145.8	145.8
72.5°	142.2	142.2	140.4	140.4	139.5	139.5	137.7	135.0	134.1	134.1	132.3
75°	130.5	130.5	127.8	127.8	126.0	126.9	125.1	122.4	121.5	121.5	120.6
77.5°	123.3	120.6	116.1	115.2	114.3	114.3	113.4	110.7	109.8	109.8	108.9
80°	108.9	103.5	99.0	98.1	99.0	100.8	100.8	99.0	99.0	99.0	99.0
82.5°	84.6	82.8	80.1	78.3	78.3	81.0	84.6	86.4	88.2	90.0	90.0
85°	62.1	63.0	62.1	59.4	58.5	61.2	64.8	68.4	69.3	72.9	72.0
87.5°	33.3	34.2	31.5	30.6	33.3	35.1	38.7	39.6	41.4	42.3	43.2
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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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2
2.5°	956.8	955.9	956.8	955.0	955.0	953.2	951.4	950.5	948.7	947.8	946.0
5°	973.0	970.3	967.6	966.7	963.1	959.5	956.8	952.3	948.7	942.4	940.6
7.5°	983.8	977.5	973.9	973.0	967.6	964.9	958.6	953.2	947.8	939.7	937.0
10°	988.3	982.0	975.7	973.0	966.7	962.2	955.9	947.8	943.3	935.2	933.4
12.5°	993.7	982.0	972.1	964.9	955.9	946.0	939.7	935.2	928.9	924.4	922.6
15°	983.8	968.5	953.2	939.7	925.3	914.4	908.1	900.9	893.7	891.0	891.0
17.5°	956.8	937.0	910.8	893.7	878.4	866.7	858.6	851.4	850.5	846.9	848.7
20°	900.9	874.8	849.6	837.0	828.0	820.8	812.7	809.1	806.4	801.0	799.2
22.5°	823.5	801.9	783.9	774.9	767.7	758.7	751.5	740.7	738.0	732.6	729.9
25°	738.0	720.9	705.6	699.3	694.8	682.2	677.7	663.3	653.4	647.1	650.7
27.5°	652.5	639.9	625.5	617.4	614.7	603.0	598.5	582.3	574.2	574.2	565.2
30°	564.3	552.6	543.6	534.6	532.8	518.4	506.7	500.4	491.4	487.8	481.5
32.5°	481.5	469.8	462.6	458.1	450.9	439.2	427.5	416.7	402.3	396.9	394.2
35°	405.0	396.0	387.0	383.4	373.5	360.9	346.5	337.5	320.4	314.1	311.4
37.5°	346.5	335.7	329.4	319.5	309.6	296.1	285.3	277.2	270.9	268.2	268.2
40°	299.7	291.6	284.4	276.3	268.2	261.0	255.6	253.8	252.9	252.9	254.7
42.5°	264.6	257.4	253.8	249.3	246.6	246.6	245.7	246.6	247.5	248.4	251.1
45°	241.2	236.7	234.9	234.0	235.8	237.6	238.5	240.3	243.9	245.7	246.6
47.5°	228.6	225.0	224.1	225.0	227.7	231.3	234.9	237.6	240.3	241.2	242.1
50°	216.0	211.5	209.7	211.5	215.1	220.5	223.2	227.7	229.5	231.3	229.5
52.5°	205.2	201.6	200.7	200.7	204.3	207.9	211.5	215.1	216.0	216.0	215.1
55°	196.2	193.5	190.8	192.6	195.3	198.9	204.3	207.0	208.8	209.7	209.7
57.5°	189.0	186.3	183.6	185.4	188.1	191.7	197.1	199.8	201.6	204.3	205.2
60°	183.6	180.0	177.3	180.0	182.7	188.1	192.6	195.3	199.8	200.7	200.7
62.5°	178.2	174.6	170.1	172.8	172.8	175.5	180.0	183.6	188.1	189.9	189.9
63°	177.3	173.7	169.2	171.0	171.0	172.8	176.4	180.0	185.4	187.2	186.3
65°	170.1	169.2	164.7	164.7	162.9	164.7	167.4	171.0	173.7	176.4	176.4
67.5°	158.4	157.5	156.6	156.6	156.6	158.4	160.2	162.9	165.6	167.4	166.5
70°	144.9	144.9	144.9	145.8	145.8	147.6	148.5	147.6	150.3	152.1	151.2
72.5°	133.2	132.3	131.4	133.2	132.3	132.3	134.1	133.2	135.9	135.9	136.8
75°	120.6	119.7	119.7	120.6	118.8	117.0	117.9	117.9	118.8	118.8	120.6
77.5°	109.8	109.8	109.8	108.9	107.1	106.2	105.3	105.3	105.3	105.3	106.2
80°	99.9	99.9	99.9	99.0	97.2	95.4	93.6	92.7	91.8	87.3	87.3
82.5°	90.0	90.0	90.0	90.0	89.1	87.3	84.6	77.4	73.8	70.2	71.1
85°	71.1	72.9	74.7	77.4	76.5	76.5	71.1	62.1	56.7	53.1	54.0
87.5°	45.9	40.5	40.5	39.6	37.8	36.0	36.0	30.6	25.2	22.5	23.4
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°	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	0°
2.5°	946.0	944.2	942.4	942.4	939.7	939.7	937.9	941.5	937.9	935.2	935.2	2.5°
5°	938.8	937.0	931.6	930.7	927.1	927.1	927.1	925.3	925.3	923.5	922.6	5°
7.5°	934.3	929.8	925.3	922.6	922.6	920.8	924.4	922.6	923.5	923.5	924.4	7.5°
10°	930.7	927.1	925.3	924.4	924.4	927.1	929.8	930.7	929.8	930.7	930.7	10°
12.5°	921.7	923.5	924.4	928.0	932.5	937.9	944.2	945.1	946.9	946.9	948.7	12.5°
15°	892.8	897.3	902.7	911.7	923.5	935.2	946.9	956.8	965.8	970.3	973.9	15°
17.5°	852.3	856.8	866.7	876.6	891.9	909.0	928.9	946.0	964.9	982.0	999.1	17.5°
20°	797.4	804.6	807.3	825.3	843.3	866.7	890.1	917.1	949.6	982.0	1015.3	20°
22.5°	726.3	734.4	747.0	761.4	780.3	809.1	837.0	879.3	922.6	968.5	1020.7	22.5°
25°	647.1	656.1	666.9	682.2	701.1	731.7	772.2	817.2	870.3	930.7	995.5	25°
27.5°	565.2	574.2	583.2	594.0	615.6	648.0	695.7	742.5	801.0	866.7	942.4	27.5°
30°	483.3	484.2	489.6	503.1	525.6	567.9	603.0	661.5	722.7	792.0	879.3	30°
32.5°	393.3	392.4	398.7	410.4	432.0	472.5	515.7	572.4	632.7	720.0	810.0	32.5°
35°	313.2	313.2	324.9	336.6	360.9	389.7	427.5	477.9	549.0	630.0	720.0	35°
37.5°	270.9	277.2	284.4	296.1	315.0	337.5	370.8	414.9	470.7	548.1	630.9	37.5°
40°	257.4	261.0	267.3	278.1	294.3	315.0	339.3	372.6	415.8	477.9	553.5	40°
42.5°	252.0	252.9	256.5	264.6	279.0	299.7	324.9	354.6	387.0	431.1	496.8	42.5°
45°	246.6	245.7	247.5	253.8	265.5	288.9	317.7	350.1	382.5	419.4	473.4	45°
47.5°	242.1	242.1	242.1	244.8	255.6	279.0	312.3	350.1	388.8	430.2	483.3	47.5°
50°	229.5	228.6	228.6	230.4	238.5	263.7	303.3	349.2	399.6	453.6	513.9	50°
52.5°	215.1	215.1	216.0	216.9	224.1	249.3	293.4	349.2	412.2	484.2	559.8	52.5°
55°	210.6	211.5	212.4	211.5	216.9	238.5	282.6	343.8	417.6	508.5	609.3	55°
57.5°	207.0	208.8	208.8	207.9	211.5	229.5	271.8	333.0	413.1	517.5	644.4	57.5°
60°	201.6	201.6	201.6	198.9	200.7	216.9	255.6	315.9	398.7	509.4	649.8	60°
62.5°	189.9	189.9	188.1	187.2	186.3	198.9	234.0	290.7	372.6	487.8	636.3	62.5°
63°	187.2	186.3	186.3	183.6	183.6	195.3	229.5	287.1	365.4	482.4	630.9	63°
65°	177.3	177.3	177.3	175.5	174.6	183.6	211.5	261.9	337.5	457.2	603.9	65°
67.5°	166.5	167.4	165.6	164.7	163.8	169.2	190.8	230.4	294.3	404.1	553.5	67.5°
70°	151.2	152.1	152.1	151.2	150.3	153.9	167.4	198.0	243.9	336.6	471.6	70°
72.5°	137.7	139.5	139.5	141.3	141.3	144.0	149.4	164.7	195.3	262.8	370.8	72.5°
75°	123.3	124.2	126.0	127.8	126.0	125.1	126.0	137.7	153.0	194.4	264.6	75°
77.5°	110.7	113.4	113.4	112.5	109.8	108.0	108.0	113.4	126.0	147.6	189.0	77.5°
80°	91.8	96.3	97.2	94.5	91.8	91.8	93.6	97.2	105.3	121.5	143.1	80°
82.5°	73.8	78.3	79.2	80.1	79.2	81.9	81.9	82.8	87.3	99.9	117.0	82.5°
85°	56.7	60.3	63.0	63.9	64.8	65.7	64.8	60.3	63.0	71.1	79.2	85°
87.5°	25.2	26.1	24.3	25.2	24.3	25.2	26.1	21.6	20.7	27.9	28.8	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: P181038

NUMBER: ICS-E03-LED-E1-SLL

DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
944.2	944.2	944.2	944.2	944.2	944.2	944.2
934.3	934.3	935.2	933.4	933.4	934.3	931.6
919.9	923.5	923.5	923.5	921.7	923.5	924.4
923.5	926.2	928.0	928.0	927.1	930.7	933.4
928.0	932.5	934.3	934.3	934.3	938.8	945.1
945.1	948.7	951.4	951.4	953.2	958.6	965.8
976.6	981.1	981.1	980.2	985.6	991.9	1000.0
1011.7	1024.3	1030.6	1029.7	1034.2	1042.3	1051.3
1045.0	1080.1	1095.4	1106.2	1110.7	1121.5	1124.2
1072.9	1131.4	1173.7	1209.7	1226.8	1237.6	1250.2
1063.0	1142.2	1217.8	1291.6	1343.8	1396.9	1419.4
1022.5	1121.5	1220.5	1328.5	1423.0	1517.5	1585.9
973.0	1091.8	1225.0	1378.0	1527.4	1672.3	1787.5
916.2	1063.9	1234.9	1423.9	1620.1	1810.0	1976.5
845.1	1010.8	1210.6	1428.4	1659.7	1890.1	2106.1
755.1	938.8	1153.9	1396.0	1661.5	1925.2	2183.5
665.1	847.8	1081.9	1349.2	1638.1	1933.3	2232.1
602.1	766.8	1009.0	1289.8	1600.3	1920.7	2255.5
558.9	708.3	944.2	1235.8	1559.8	1898.2	2259.1
555.3	683.1	901.8	1196.2	1527.4	1878.4	2259.1
585.9	696.6	887.4	1176.4	1513.9	1872.1	2260.9
643.5	750.6	913.5	1191.7	1524.7	1880.2	2269.0
712.8	832.5	983.8	1244.8	1570.6	1907.2	2287.0
775.8	927.1	1103.5	1347.4	1654.3	1975.6	2337.4
812.7	1008.1	1230.4	1491.4	1797.4	2111.5	2438.2
817.2	1053.1	1342.9	1648.0	1971.1	2267.2	2599.3
813.6	1056.7	1357.3	1677.7	2008.0	2305.9	2655.1
793.8	1057.6	1397.8	1782.1	2135.8	2468.8	2810.9
743.4	1028.8	1412.2	1864.0	2296.9	2683.0	3101.6
656.1	946.9	1369.9	1865.8	2359.0	2802.8	3285.2
527.4	791.1	1187.2	1697.5	2195.2	2684.8	3237.5
386.1	581.4	897.3	1315.0	1791.1	2234.8	2773.1
256.5	376.2	604.8	937.0	1284.4	1608.4	1996.3
176.4	233.1	353.7	563.4	785.7	943.3	1271.8
129.6	153.9	196.2	288.0	378.0	465.3	664.2
81.0	88.2	98.1	142.2	203.4	274.5	414.0
21.6	22.5	20.7	27.9	44.1	42.3	46.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)