

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: P181151

Luminaire Tested: **ICS-F04-LED-E1-SLR-8030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P181151  
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-SLR-8030  
Description: ICON SITE SMALL LED LUMINAIRE  
(4) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT  
Light Source: (28) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6979.5 lumens  
Efficiency: N/A  
Efficacy: 68.3 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 - G2  
  
Input Watts (W): 102.2  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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

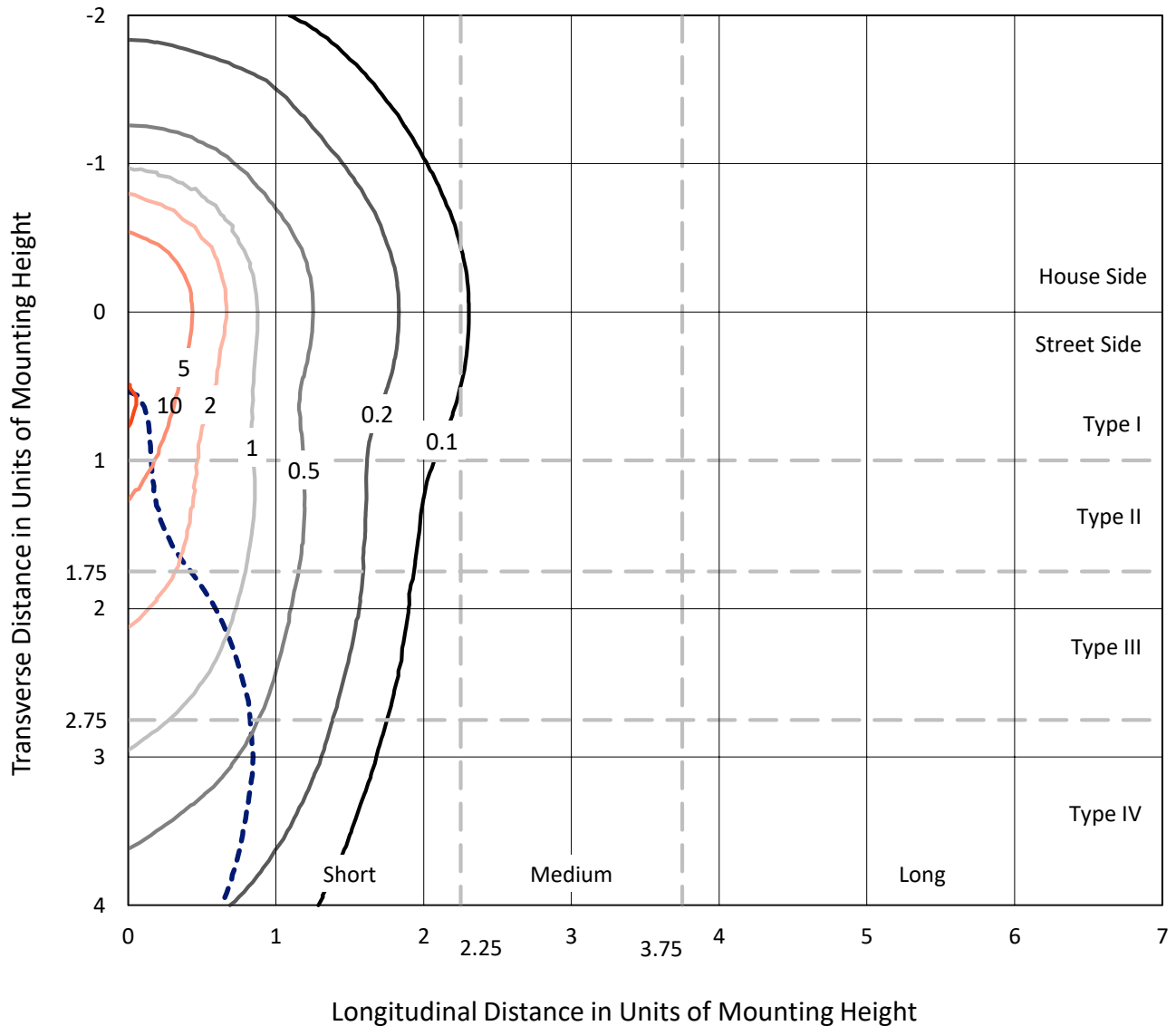


REPORT NUMBER: P181151

CATALOG NUMBER: ICS-F04-LED-E1-SLR-8030

### Iso-Footcandle Lines of Horizontal Illumination

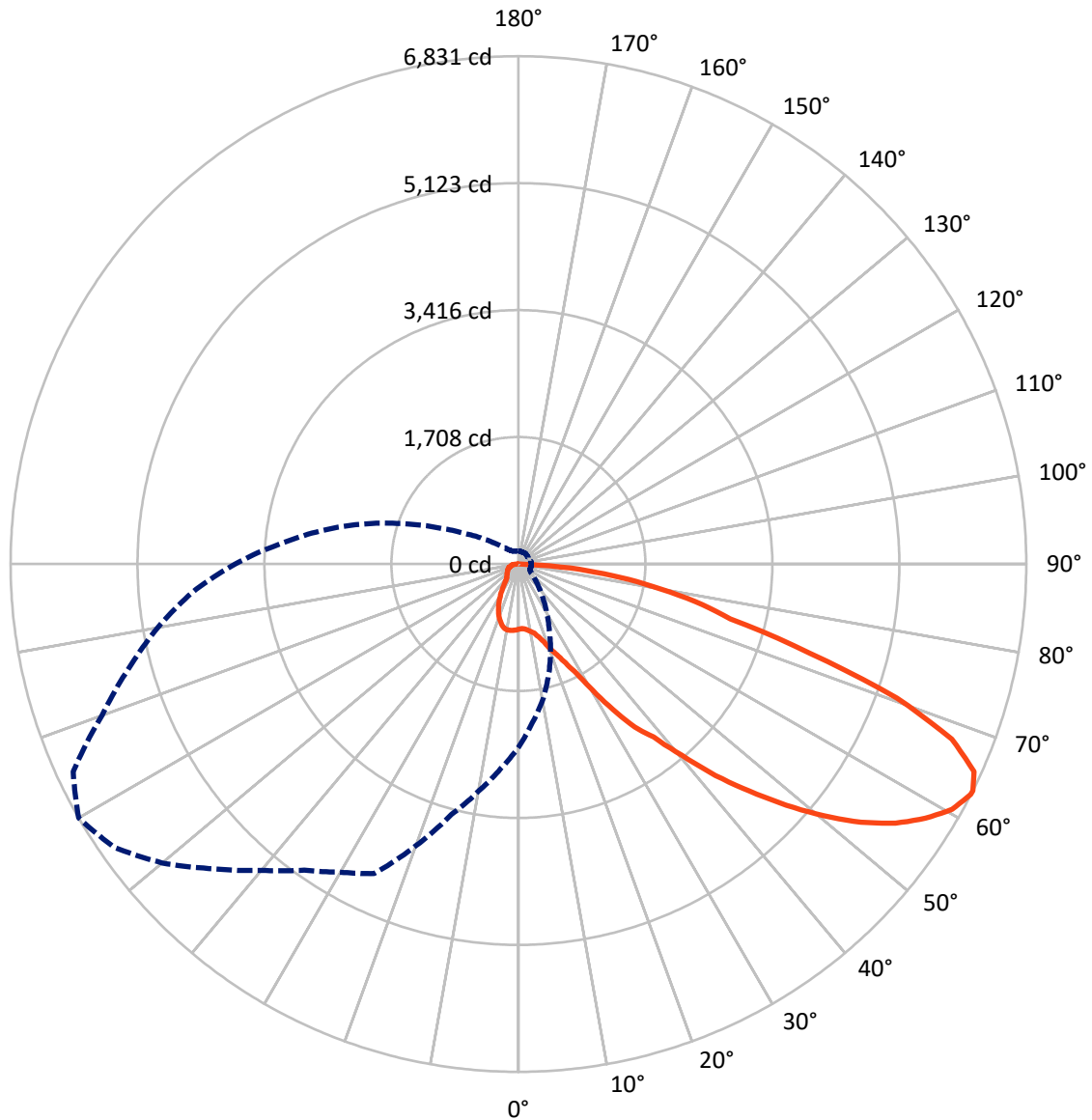
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 11 fc  
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P181151  
CATALOG NUMBER: ICS-F04-LED-E1-SLR-8030

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P181151

CATALOG NUMBER: ICS-F04-LED-E1-SLR-8030

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1513.5	0.0	1513.5
	% Fixture	21.7	0.0	21.7
<b>Street Side</b>	Lumens	5466.0	0.0	5466.0
	% Fixture	78.3	0.0	78.3
<b>Total</b>	Lumens	6979.5	0.0	6979.5
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	85.4	1.2
10°-20°	265.9	3.8
20°-30°	472.4	6.8
30°-40°	743.9	10.7
40°-50°	1094.8	15.7
50°-60°	1454.2	20.8
60°-70°	1601.8	23.0
70°-80°	1005.0	14.4
80°-90°	256.0	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°	6979.5	100.0
0°-180°	6979.5	100.0

**Coefficient of Utilization**



REPORT NUMBER: P181151

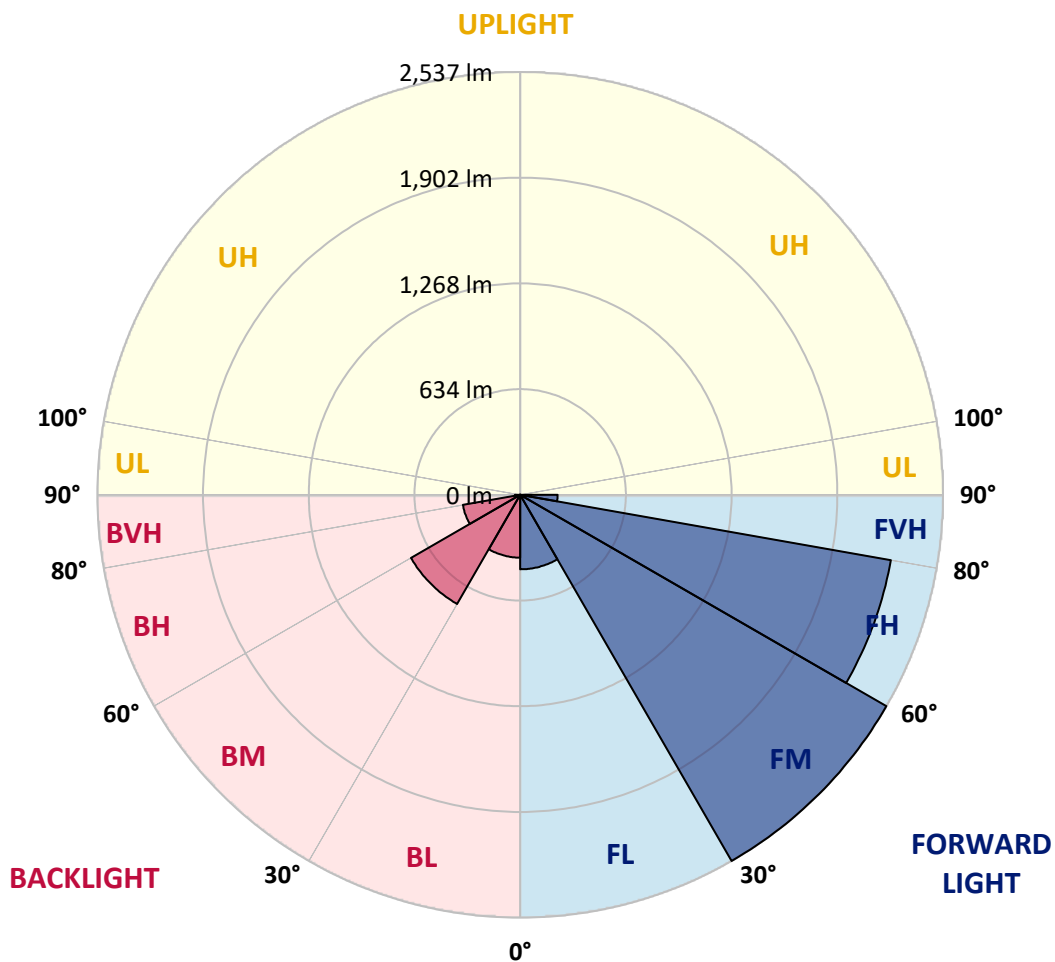
CATALOG NUMBER: ICS-F04-LED-E1-SLR-8030

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	446.9	6.4			
FM	(30°-60°)	2536.5	36.3			
FH	(60°-80°)	2258.0	32.4			G2/5000
FVH	(80°-90°)	224.6	3.2			G2/225
BL	(0°-30°)	376.8	5.4	B1/500		
BM	(30°-60°)	756.5	10.8	B1/1000		
BH	(60°-80°)	348.9	5.0	B1/500		G1/500
BVH	(80°-90°)	31.3	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-G2**

Type IV Short





REPORT NUMBER: P181151

CATALOG NUMBER: ICS-F04-LED-E1-SLR-8030

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	877.1	877.1	877.1	877.1	877.1	877.1	877.1	877.1	877.1	877.1	877.1
2.5°	865.4	867.9	867.1	867.1	868.7	867.9	867.9	868.7	868.7	871.2	874.6
5°	858.7	857.9	856.2	857.9	857.9	857.9	854.5	857.0	857.9	859.5	859.5
7.5°	867.1	864.6	861.2	862.0	862.0	860.4	857.9	858.7	857.9	857.9	857.0
10°	877.9	872.1	867.9	867.9	867.9	866.2	862.0	864.6	864.6	863.7	864.6
12.5°	897.2	890.5	885.5	883.8	883.8	881.3	877.9	881.3	879.6	879.6	877.9
15°	928.9	921.4	915.6	910.5	911.4	911.4	907.2	904.7	901.3	897.2	888.8
17.5°	976.6	968.2	960.7	956.5	957.4	951.5	939.8	928.1	912.2	896.3	878.8
20°	1044.3	1041.8	1031.8	1027.6	1017.6	1003.4	970.7	943.2	912.2	882.1	852.0
22.5°	1161.4	1149.7	1139.6	1123.8	1090.3	1051.0	996.7	948.2	899.7	857.0	816.9
25°	1318.6	1297.7	1248.3	1199.8	1131.3	1061.0	987.5	924.8	864.6	808.5	759.2
27.5°	1473.3	1409.7	1321.9	1234.1	1133.8	1041.8	949.8	875.4	805.2	744.2	689.8
30°	1660.6	1553.5	1418.9	1280.1	1138.0	1014.2	903.9	816.9	735.8	671.4	614.6
32.5°	1836.1	1681.5	1505.0	1322.8	1147.2	988.3	851.2	752.5	668.9	587.8	531.8
35°	1956.5	1755.9	1541.8	1326.9	1124.6	939.0	785.1	668.9	585.3	510.0	444.0
37.5°	2028.4	1788.5	1543.5	1296.8	1071.9	872.1	701.5	586.1	509.2	437.3	385.5
40°	2073.6	1796.0	1521.8	1253.4	1005.0	787.6	617.9	514.2	444.0	386.3	346.2
42.5°	2095.3	1784.3	1486.6	1198.2	937.3	712.4	559.4	461.5	400.5	359.5	329.4
45°	2098.7	1763.4	1449.0	1148.0	877.1	658.0	519.2	439.8	389.6	355.4	325.3
47.5°	2098.7	1745.0	1418.9	1111.2	837.8	634.6	515.9	449.0	399.7	361.2	325.3
50°	2100.4	1739.1	1406.4	1092.8	824.4	647.2	544.3	477.4	421.4	371.2	324.4
52.5°	2107.9	1746.7	1416.4	1107.0	848.7	697.3	597.8	520.1	449.8	382.9	324.4
55°	2124.6	1771.8	1459.0	1156.4	913.9	773.4	662.2	566.1	472.4	388.0	319.4
57.5°	2171.4	1835.3	1536.8	1251.7	1025.1	861.2	720.7	598.7	480.8	383.8	309.4
60°	2265.1	1961.6	1669.7	1385.5	1143.0	936.5	755.0	603.7	473.2	370.4	293.5
62.5°	2414.7	2106.2	1831.1	1531.0	1247.5	978.3	759.2	591.1	453.2	346.2	270.1
63°	2466.6	2142.2	1865.4	1558.5	1260.9	981.6	755.9	586.1	448.2	339.5	266.7
65°	2611.2	2293.5	1984.1	1655.5	1298.5	982.5	737.5	561.0	424.8	313.5	243.3
67.5°	2881.3	2492.5	2133.8	1731.6	1311.9	955.7	690.6	514.2	375.4	273.4	214.0
70°	3051.9	2603.7	2191.5	1733.3	1272.6	879.6	609.5	438.1	312.7	226.6	183.9
72.5°	3007.6	2494.2	2039.3	1576.9	1102.9	735.0	490.0	344.5	244.1	181.4	153.0
75°	2576.1	2076.1	1663.9	1221.6	833.6	540.1	358.7	245.8	180.6	142.1	127.9
77.5°	1854.5	1494.2	1193.2	870.4	561.9	349.5	238.3	175.6	137.1	117.1	105.4
80°	1181.4	876.3	729.9	523.4	328.6	216.6	163.9	132.9	112.9	97.8	90.3
82.5°	617.1	432.3	351.2	267.6	182.3	143.0	120.4	108.7	92.8	81.1	76.9
85°	384.6	255.0	189.0	132.1	91.1	81.9	75.3	73.6	66.1	58.5	56.0
87.5°	43.5	39.3	41.0	25.9	19.2	20.9	20.1	26.8	25.9	19.2	20.1
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: P181151

CATALOG NUMBER: ICS-F04-LED-E1-SLR-8030

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	877.1	877.1	877.1	877.1	877.1	877.1	877.1	877.1	877.1	877.1	877.1
2.5°	871.2	872.9	872.9	875.4	875.4	877.1	878.8	878.8	880.4	881.3	883.0
5°	861.2	861.2	861.2	864.6	865.4	870.4	872.1	873.8	875.4	881.3	884.6
7.5°	858.7	855.4	857.0	857.0	859.5	863.7	867.9	870.4	872.9	880.4	885.5
10°	863.7	861.2	858.7	858.7	859.5	861.2	864.6	867.1	868.7	876.3	880.4
12.5°	877.1	871.2	866.2	862.0	858.7	857.9	856.2	857.0	858.7	862.9	868.7
15°	879.6	868.7	857.9	847.0	838.6	833.6	829.4	827.8	827.8	830.3	837.0
17.5°	862.9	844.5	828.6	814.4	805.2	796.0	791.8	788.5	786.8	790.1	791.0
20°	826.9	805.2	783.5	766.7	750.0	747.5	740.8	742.5	744.2	749.2	751.7
22.5°	777.6	751.7	724.9	707.4	694.0	682.3	674.8	678.1	680.6	685.6	688.1
25°	717.4	679.8	651.3	633.8	619.6	609.5	601.2	604.5	601.2	607.0	616.2
27.5°	646.3	602.0	571.9	551.8	541.8	533.4	525.1	525.1	533.4	533.4	541.0
30°	560.2	527.6	488.3	467.4	454.9	449.8	449.0	447.3	453.2	456.5	464.9
32.5°	479.1	439.0	401.3	381.3	370.4	364.6	365.4	366.2	368.7	373.7	387.1
35°	397.2	362.0	335.3	312.7	301.8	291.0	291.0	289.3	291.8	297.7	313.5
37.5°	344.5	313.5	292.6	275.1	264.2	257.5	251.7	249.2	249.2	251.7	257.5
40°	315.2	292.6	273.4	258.4	248.3	242.5	239.1	236.6	235.0	235.0	235.8
42.5°	301.8	278.4	259.2	245.8	238.3	235.0	234.1	233.3	230.8	229.9	229.1
45°	295.2	268.4	246.7	235.8	229.9	228.3	229.1	229.1	228.3	226.6	223.2
47.5°	290.1	259.2	237.5	227.4	224.9	224.9	224.9	224.9	224.1	223.2	220.7
50°	281.8	245.0	221.6	214.0	212.4	212.4	213.2	213.2	214.9	213.2	211.5
52.5°	272.6	231.6	208.2	201.5	200.7	199.8	199.8	199.8	200.7	200.7	199.8
55°	262.5	221.6	201.5	196.5	197.3	196.5	195.7	194.8	194.8	194.0	192.3
57.5°	252.5	213.2	196.5	193.1	194.0	194.0	192.3	190.6	189.8	187.3	185.6
60°	237.5	201.5	186.5	184.8	187.3	187.3	187.3	186.5	186.5	185.6	181.4
62.5°	217.4	184.8	173.1	173.9	174.8	176.4	176.4	176.4	176.4	174.8	170.6
63°	213.2	181.4	170.6	170.6	173.1	173.1	173.9	173.1	173.9	172.2	167.2
65°	196.5	170.6	162.2	163.0	164.7	164.7	164.7	163.9	163.9	161.4	158.9
67.5°	177.3	157.2	152.2	153.0	153.8	155.5	154.7	154.7	155.5	153.8	151.3
70°	155.5	143.0	139.6	140.5	141.3	141.3	140.5	140.5	141.3	139.6	137.1
72.5°	138.8	133.8	131.3	131.3	129.6	129.6	127.9	127.1	126.3	126.3	123.7
75°	117.1	116.2	117.1	118.7	117.1	115.4	114.5	112.0	110.4	110.4	109.5
77.5°	100.3	100.3	102.0	104.5	105.4	105.4	102.8	98.7	97.8	97.8	97.8
80°	87.0	85.3	85.3	87.8	90.3	89.5	85.3	81.1	81.1	85.3	86.1
82.5°	76.1	76.1	73.6	74.4	73.6	72.7	68.6	66.1	65.2	68.6	71.9
85°	60.2	61.0	60.2	59.4	58.5	56.0	52.7	50.2	49.3	52.7	57.7
87.5°	24.2	23.4	22.6	23.4	22.6	24.2	23.4	21.7	20.9	23.4	28.4
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: P181151

CATALOG NUMBER: ICS-F04-LED-E1-SLR-8030

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	877.1	877.1	877.1	877.1	877.1	877.1	877.1	877.1	877.1	877.1	877.1
2.5°	883.8	885.5	887.1	887.1	888.8	888.0	888.8	889.6	889.6	890.5	890.5
5°	888.8	891.3	894.7	898.0	898.8	901.3	903.9	902.2	904.7	908.0	908.0
7.5°	890.5	896.3	898.8	903.9	904.7	908.0	913.9	909.7	914.7	917.2	918.1
10°	888.0	893.8	898.0	903.9	906.4	912.2	918.1	916.4	922.2	926.4	927.3
12.5°	872.9	878.8	888.0	896.3	903.0	912.2	923.1	919.7	928.1	933.1	935.6
15°	843.7	849.5	859.5	872.9	885.5	899.7	913.9	916.4	924.8	930.6	933.1
17.5°	797.7	805.2	816.1	830.3	846.2	870.4	888.8	898.0	909.7	913.1	917.2
20°	755.0	762.5	769.2	777.6	789.3	812.7	837.0	855.4	870.4	883.0	886.3
22.5°	698.2	704.9	713.2	719.9	728.3	745.0	765.1	786.0	809.4	816.9	825.3
25°	629.6	633.8	645.5	649.7	655.5	669.7	685.6	700.7	723.3	739.1	743.3
27.5°	556.0	560.2	571.1	573.6	581.1	594.5	606.2	612.0	632.9	649.7	663.0
30°	470.7	481.6	495.0	496.7	505.0	513.4	524.3	530.1	549.3	566.9	583.6
32.5°	397.2	408.0	418.9	425.6	429.8	436.5	447.3	453.2	471.6	487.5	504.2
35°	321.9	335.3	347.0	356.2	359.5	367.9	376.3	382.1	401.3	415.6	427.3
37.5°	265.1	275.1	287.6	296.8	306.0	311.9	321.9	330.3	342.0	349.5	362.0
40°	237.5	242.5	249.2	256.7	264.2	270.9	278.4	285.1	292.6	302.7	311.0
42.5°	228.3	229.1	229.1	231.6	235.8	239.1	245.8	250.8	255.9	263.4	267.6
45°	221.6	220.7	219.1	217.4	218.2	219.9	224.1	227.4	233.3	236.6	237.5
47.5°	218.2	214.9	211.5	209.0	208.2	209.0	212.4	215.7	219.1	221.6	222.4
50°	207.4	204.9	199.8	196.5	194.8	196.5	200.7	202.3	205.7	208.2	209.0
52.5°	196.5	193.1	189.8	186.5	186.5	187.3	190.6	194.0	197.3	198.2	199.8
55°	189.8	184.8	181.4	178.9	177.3	179.8	182.3	186.5	190.6	191.5	193.1
57.5°	183.1	178.1	174.8	172.2	170.6	173.1	175.6	181.4	186.5	186.5	186.5
60°	178.9	174.8	169.7	167.2	164.7	167.2	170.6	176.4	181.4	180.6	179.8
62.5°	167.2	163.0	160.5	160.5	158.0	162.2	165.6	172.2	173.1	171.4	169.7
63°	163.9	160.5	158.9	158.9	157.2	161.4	164.7	170.6	170.6	168.9	167.2
65°	155.5	153.0	151.3	153.0	153.0	157.2	158.0	162.2	161.4	158.9	158.0
67.5°	148.8	147.2	145.5	145.5	145.5	146.3	147.2	148.8	148.0	147.2	148.0
70°	138.0	137.1	135.5	135.5	134.6	134.6	134.6	135.5	135.5	136.3	137.1
72.5°	124.6	122.9	122.9	123.7	122.1	122.9	123.7	122.9	124.6	124.6	125.4
75°	109.5	108.7	110.4	112.0	111.2	111.2	112.0	112.0	112.9	112.9	113.7
77.5°	97.8	98.7	99.5	101.2	102.0	102.0	102.0	101.2	102.0	102.0	102.8
80°	87.0	88.6	90.3	92.0	92.8	92.8	92.8	92.0	92.0	92.0	92.0
82.5°	78.6	81.1	82.8	83.6	83.6	83.6	83.6	83.6	83.6	81.9	80.3
85°	66.1	71.1	71.1	71.9	69.4	67.7	66.1	66.9	67.7	64.4	63.5
87.5°	33.4	33.4	35.1	36.8	37.6	37.6	42.6	40.1	39.3	38.5	36.8
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: P181151

CATALOG NUMBER: ICS-F04-LED-E1-SLR-8030

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	877.1	877.1	877.1	877.1	877.1	877.1	877.1	877.1	877.1	877.1	877.1
2.5°	891.3	890.5	892.1	890.5	891.3	892.1	890.5	893.0	894.7	892.1	889.6
5°	909.7	909.7	913.9	915.6	916.4	921.4	918.9	920.6	922.2	921.4	922.2
7.5°	921.4	924.8	928.9	933.1	934.0	938.1	937.3	939.8	941.5	945.7	945.7
10°	931.4	935.6	941.5	945.7	949.8	953.2	954.9	959.9	960.7	964.1	964.1
12.5°	940.6	945.7	951.5	958.2	962.4	969.1	969.9	977.4	979.9	980.8	978.3
15°	939.0	944.8	951.5	959.0	966.6	974.9	979.9	987.5	991.6	993.3	989.1
17.5°	923.1	928.1	936.5	946.5	955.7	966.6	975.8	986.6	993.3	995.0	994.2
20°	892.1	895.5	906.4	919.7	930.6	947.3	960.7	977.4	988.3	996.7	999.2
22.5°	831.1	839.5	850.3	865.4	881.3	902.2	921.4	945.7	969.1	989.1	1009.2
25°	757.5	772.6	789.3	809.4	828.6	850.3	872.1	899.7	934.0	975.8	1023.4
27.5°	683.1	709.0	729.9	755.9	778.4	800.2	824.4	854.5	892.1	942.3	1003.4
30°	607.9	637.1	659.7	689.8	719.9	749.2	773.4	805.2	842.0	893.0	959.9
32.5°	527.6	556.9	583.6	611.2	644.7	679.8	709.0	748.3	787.6	840.3	908.0
35°	444.8	470.7	493.3	522.6	559.4	597.0	635.5	680.6	723.3	778.4	850.3
37.5°	372.9	391.3	413.0	439.0	467.4	507.5	551.0	604.5	653.0	713.2	786.8
40°	313.5	323.6	336.1	357.9	383.8	423.1	465.7	522.6	581.1	647.2	718.2
42.5°	267.6	272.6	275.9	290.1	311.0	349.5	390.5	445.7	510.0	581.9	653.9
45°	237.5	240.0	240.8	248.3	263.4	296.8	339.5	386.3	448.2	518.4	593.7
47.5°	223.2	225.8	227.4	229.1	238.3	264.2	302.7	347.0	403.8	468.2	545.2
50°	211.5	214.0	216.6	215.7	219.9	236.6	269.2	310.2	363.7	423.1	499.2
52.5°	199.8	201.5	201.5	201.5	204.0	214.9	238.3	275.9	325.3	381.3	456.5
55°	193.1	194.8	195.7	196.5	197.3	203.2	220.7	250.8	293.5	345.3	413.0
57.5°	186.5	187.3	189.0	189.8	191.5	194.8	205.7	227.4	263.4	306.9	363.7
60°	180.6	182.3	185.6	186.5	188.1	189.0	194.0	207.4	230.8	264.2	310.2
62.5°	171.4	173.9	177.3	178.1	179.8	180.6	181.4	189.0	199.8	219.9	254.2
63°	168.9	171.4	175.6	176.4	177.3	177.3	178.1	183.1	193.1	210.7	235.8
65°	159.7	163.0	165.6	166.4	167.2	167.2	166.4	168.1	168.9	176.4	191.5
67.5°	149.7	152.2	153.8	154.7	153.8	154.7	153.8	152.2	150.5	152.2	158.9
70°	139.6	141.3	141.3	142.1	143.0	143.8	142.1	140.5	138.8	138.0	142.1
72.5°	127.9	129.6	129.6	130.4	130.4	132.1	132.1	131.3	131.3	132.1	132.9
75°	116.2	117.9	117.1	118.7	118.7	121.2	121.2	122.1	123.7	122.9	122.1
77.5°	105.4	106.2	106.2	107.0	107.9	112.0	114.5	115.4	115.4	113.7	112.0
80°	93.6	93.6	92.0	91.1	92.0	96.2	101.2	102.0	104.5	103.7	104.5
82.5°	78.6	75.3	72.7	72.7	74.4	76.9	78.6	80.3	81.9	81.9	83.6
85°	60.2	56.9	54.3	55.2	57.7	58.5	57.7	57.7	61.0	63.5	61.0
87.5°	36.0	32.6	30.9	28.4	29.3	31.8	30.9	28.4	29.3	23.4	21.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P181151

CATALOG NUMBER: ICS-F04-LED-E1-SLR-8030

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	877.1	877.1	877.1	877.1	877.1	877.1	877.1	877.1	877.1	877.1	877.1
2.5°	891.3	890.5	888.8	886.3	885.5	883.8	884.6	882.1	880.4	878.8	876.3
5°	922.2	922.2	917.2	917.2	914.7	913.9	908.0	905.5	900.5	902.2	896.3
7.5°	944.0	946.5	940.6	939.8	936.5	935.6	928.1	925.6	921.4	919.7	914.7
10°	959.9	959.9	952.3	946.5	942.3	938.1	930.6	927.3	923.9	924.8	921.4
12.5°	972.4	966.6	955.7	947.3	941.5	937.3	931.4	928.9	928.1	934.0	934.8
15°	982.5	974.1	960.7	954.9	949.8	949.0	949.0	951.5	957.4	968.2	976.6
17.5°	988.3	983.3	976.6	974.9	983.3	988.3	995.0	1002.5	1010.9	1025.9	1035.1
20°	999.2	1002.5	1007.5	1014.2	1027.6	1040.1	1048.5	1059.4	1069.4	1087.8	1102.9
22.5°	1027.6	1046.8	1062.7	1076.1	1096.2	1113.7	1124.6	1139.6	1147.2	1159.7	1183.1
25°	1064.4	1103.7	1137.1	1165.6	1196.5	1214.9	1229.9	1249.2	1260.9	1281.8	1302.7
27.5°	1053.5	1109.5	1159.7	1212.4	1255.0	1302.7	1336.1	1367.9	1388.0	1418.9	1446.5
30°	1020.1	1087.0	1154.7	1224.1	1291.8	1360.4	1423.9	1481.6	1525.9	1570.2	1615.4
32.5°	974.9	1051.8	1134.6	1219.9	1308.5	1403.9	1491.7	1578.6	1652.2	1716.6	1779.3
35°	923.1	1010.0	1096.2	1201.5	1311.0	1432.3	1554.4	1674.8	1786.8	1900.5	1977.4
37.5°	861.2	949.8	1046.0	1167.2	1296.0	1445.7	1601.2	1758.4	1917.2	2070.3	2203.2
40°	795.2	885.5	986.6	1117.9	1263.4	1437.3	1631.3	1842.8	2061.1	2282.6	2459.1
42.5°	736.6	829.4	939.8	1072.8	1230.8	1426.4	1655.5	1915.6	2182.3	2456.5	2715.7
45°	679.8	781.8	898.0	1041.0	1216.6	1434.8	1691.5	1983.3	2291.0	2623.8	2939.8
47.5°	628.8	732.4	845.3	1001.7	1195.7	1439.0	1726.6	2051.0	2393.8	2754.2	3129.6
50°	582.8	683.1	794.3	951.5	1163.1	1436.5	1758.4	2112.1	2482.5	2857.0	3276.0
52.5°	537.6	639.6	753.4	903.0	1122.9	1422.3	1773.4	2162.2	2564.4	2960.7	3393.8
55°	493.3	593.7	708.2	857.0	1070.2	1385.5	1771.8	2194.8	2629.6	3058.6	3507.6
57.5°	441.5	536.8	648.8	806.0	1014.2	1328.6	1746.7	2209.9	2685.6	3155.5	3643.8
60°	377.1	466.6	574.4	731.6	940.6	1255.9	1694.0	2201.5	2718.3	3227.5	3760.1
62.5°	297.7	375.4	474.1	627.9	848.7	1151.3	1595.3	2125.4	2666.4	3217.4	3814.4
63°	280.9	354.5	450.7	602.8	809.4	1122.9	1566.1	2095.3	2641.3	3196.5	3806.9
65°	225.8	273.4	350.3	486.6	677.3	983.3	1420.6	1940.7	2506.7	3049.4	3698.2
67.5°	173.1	197.3	238.3	333.6	479.1	773.4	1150.5	1644.7	2175.6	2685.6	3347.9
70°	148.0	158.9	176.4	221.6	304.4	488.3	807.7	1226.6	1686.5	2128.8	2724.1
72.5°	134.6	139.6	148.8	168.1	209.0	292.6	515.1	798.5	1147.2	1517.6	1977.4
75°	123.7	127.9	135.5	145.5	160.5	194.8	293.5	488.3	745.8	996.7	1334.5
77.5°	112.9	115.4	123.7	132.9	143.0	160.5	194.0	280.9	428.9	587.8	804.4
80°	103.7	102.0	107.9	122.9	132.9	143.0	153.0	182.3	244.1	321.9	434.8
82.5°	82.8	84.4	89.5	104.5	108.7	106.2	107.9	112.9	136.3	148.8	222.4
85°	56.0	51.8	51.0	52.7	52.7	50.2	50.2	49.3	54.3	61.9	106.2
87.5°	15.1	7.5	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: P181151  
 CATALOG NUMBER: ICS-F04-LED-E1-SLR-8030

REPORT N  
 CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	877.1	877.1	877.1	877.1	877.1	877.1	877.1	877.1	877.1	877.1	877.1	0°
2.5°	874.6	873.8	874.6	870.4	870.4	869.6	868.7	867.1	867.1	863.7	866.2	2.5°
5°	891.3	889.6	886.3	881.3	878.8	875.4	875.4	872.1	869.6	866.2	867.1	5°
7.5°	910.5	911.4	905.5	901.3	899.7	896.3	897.2	892.1	893.0	890.5	888.8	7.5°
10°	921.4	921.4	923.1	922.2	923.9	923.9	926.4	923.1	921.4	918.9	918.9	10°
12.5°	939.0	942.3	949.0	949.0	954.0	955.7	956.5	958.2	954.9	953.2	947.3	12.5°
15°	982.5	990.8	996.7	1005.0	1015.1	1018.4	1018.4	1015.1	1013.4	1010.9	1000.0	15°
17.5°	1054.4	1072.8	1077.8	1091.1	1092.8	1097.0	1108.7	1102.0	1097.8	1080.3	1076.9	17.5°
20°	1127.9	1151.3	1174.8	1191.5	1199.8	1216.6	1219.1	1215.7	1199.0	1182.3	1174.8	20°
22.5°	1216.6	1251.7	1278.4	1304.4	1316.9	1325.3	1343.7	1339.5	1326.1	1301.0	1291.0	22.5°
25°	1342.0	1385.5	1413.9	1445.7	1462.4	1470.7	1489.1	1489.1	1474.9	1467.4	1466.6	25°
27.5°	1500.0	1553.5	1600.3	1611.2	1654.7	1664.7	1682.3	1682.3	1668.9	1659.7	1704.0	27.5°
30°	1675.6	1731.6	1812.7	1867.1	1919.8	1971.6	1970.8	1974.1	1990.0	1998.3	2017.6	30°
32.5°	1851.2	1920.6	2006.7	2124.6	2237.5	2333.6	2458.2	2537.6	2513.4	2445.7	2418.9	32.5°
35°	2064.4	2141.3	2245.8	2364.6	2571.1	2695.7	2755.9	2798.5	2803.5	2812.7	2832.0	35°
37.5°	2301.9	2430.6	2551.9	2686.5	2801.0	2952.4	3092.0	3204.0	3230.0	3282.6	3252.5	37.5°
40°	2602.0	2745.8	2872.9	3046.9	3200.7	3383.0	3582.8	3736.7	3798.5	3778.5	3628.0	40°
42.5°	2916.4	3094.5	3243.3	3448.2	3648.0	3888.8	4095.4	4310.2	4348.7	4194.0	3969.1	42.5°
45°	3205.7	3426.5	3611.2	3824.5	4068.6	4357.1	4633.0	4853.7	4846.2	4581.1	4280.1	45°
47.5°	3465.8	3736.7	3962.4	4240.0	4502.6	4846.2	5163.1	5326.1	5230.0	4916.4	4547.7	47.5°
50°	3680.6	4018.4	4296.9	4577.8	4911.4	5325.3	5630.5	5722.5	5536.8	5195.7	4807.7	50°
52.5°	3853.7	4277.6	4590.3	4913.9	5335.3	5771.0	6033.5	5999.2	5759.3	5408.9	5022.6	52.5°
55°	4000.0	4475.8	4848.7	5230.8	5753.4	6154.7	6329.5	6237.5	5902.2	5546.9	5169.8	55°
57.5°	4151.4	4668.1	5086.2	5529.3	6111.3	6455.7	6552.7	6363.8	5970.0	5599.6	5233.3	57.5°
60°	4302.7	4828.6	5296.0	5790.2	6382.2	6701.6	6674.8	6392.2	5949.9	5561.1	5190.7	60°
62.5°	4404.7	4924.0	5418.1	5950.7	6585.3	6827.0	6663.1	6291.0	5833.7	5409.7	5063.6	62.5°
63°	4407.2	4927.3	5425.6	5961.6	6607.9	6831.2	6640.5	6255.1	5796.9	5378.8	5026.0	63°
65°	4354.6	4864.6	5358.7	5912.3	6588.7	6735.0	6445.7	6042.7	5587.0	5164.8	4830.3	65°
67.5°	4085.3	4605.4	5041.9	5563.6	6244.2	6286.0	5924.0	5598.7	5189.0	4751.7	4402.2	67.5°
70°	3542.7	3975.0	4403.1	4838.7	5409.7	5402.2	5061.9	4896.4	4537.7	4039.3	3759.2	70°
72.5°	2817.8	3205.7	3506.7	3798.5	4174.8	4098.7	3879.6	3925.6	3693.2	3321.1	3154.7	72.5°
75°	2092.0	2518.4	2665.6	2784.3	2943.2	2944.0	3004.2	3134.6	3131.3	2924.8	2714.9	75°
77.5°	1372.1	1838.6	1888.0	1983.3	2173.9	2433.1	2700.7	2988.3	3060.2	2897.2	2587.0	77.5°
80°	765.1	1250.0	1193.2	1275.1	1480.8	1832.8	2227.4	2545.2	2732.5	2641.3	2312.7	80°
82.5°	391.3	720.7	689.0	802.7	969.1	1275.1	1536.0	1780.1	2000.9	1988.3	1863.7	82.5°
85°	203.2	394.7	449.0	508.4	592.0	701.5	800.2	871.2	963.2	1125.4	1180.6	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.8	0.0	60.2	43.5	119.6	170.6	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°



IUMBER: P181151

NUMBER: ICS-F04-LED-E1-SLR-8030

**DISTRIBUTION (continued):**

330°	335°	340°	345°	350°	355°	360°
877.1	877.1	877.1	877.1	877.1	877.1	877.1
867.1	867.9	866.2	866.2	867.1	867.1	865.4
865.4	865.4	863.7	862.0	860.4	860.4	858.7
884.6	884.6	878.8	876.3	872.1	868.7	867.1
913.1	908.0	901.3	896.3	889.6	882.1	877.9
941.5	934.0	925.6	918.1	909.7	901.3	897.2
988.3	978.3	967.4	958.2	946.5	934.0	928.9
1060.2	1044.3	1030.1	1016.7	995.8	986.6	976.6
1155.5	1132.1	1113.7	1091.1	1065.2	1056.9	1044.3
1270.9	1250.8	1214.1	1197.3	1171.4	1158.9	1161.4
1446.5	1420.6	1377.9	1362.1	1359.5	1332.0	1318.6
1675.6	1677.3	1638.0	1595.3	1571.9	1528.4	1473.3
2001.7	1979.1	1933.1	1889.6	1834.5	1752.5	1660.6
2396.3	2346.2	2270.1	2189.0	2091.2	1964.9	1836.1
2781.8	2694.0	2572.8	2437.3	2296.0	2138.8	1956.5
3120.4	2984.1	2802.7	2647.2	2447.3	2250.9	2028.4
3429.8	3260.9	3026.8	2825.3	2589.5	2337.0	2073.6
3729.1	3515.1	3228.3	2955.7	2689.0	2394.7	2095.3
4014.3	3738.3	3398.0	3073.6	2761.7	2432.3	2098.7
4233.3	3932.3	3550.2	3158.9	2811.9	2460.7	2098.7
4436.5	4096.2	3666.4	3225.8	2858.7	2480.0	2100.4
4594.5	4211.6	3741.7	3273.4	2895.5	2494.2	2107.9
4709.1	4286.8	3791.8	3302.7	2922.3	2514.2	2124.6
4789.3	4336.2	3819.4	3328.6	2954.9	2549.4	2171.4
4827.8	4427.3	3865.4	3380.5	3010.9	2623.8	2265.1
4798.5	4568.6	3996.7	3468.3	3088.7	2740.0	2414.7
4786.0	4594.5	4032.6	3487.5	3106.2	2765.1	2466.6
4688.2	4620.4	4180.6	3584.5	3189.8	2876.3	2611.2
4384.7	4518.4	4305.2	3748.4	3369.6	3146.4	2881.3
3991.7	4367.1	4282.6	3769.3	3484.1	3367.9	3051.9
3520.9	3909.7	3831.1	3490.8	3357.9	3370.4	3007.6
2770.9	3062.7	3010.9	2891.3	2918.1	3010.1	2576.1
2219.9	2180.6	2061.1	2069.4	2224.1	2332.0	1854.5
1813.6	1468.2	1312.7	1316.9	1587.0	1699.0	1181.4
1725.8	1388.8	1131.3	988.3	1154.7	1112.1	617.1
1229.1	1231.6	1021.7	830.3	804.4	684.0	384.6
291.0	233.3	166.4	123.7	130.4	86.1	43.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)