

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: P181092

Luminaire Tested: **ICM-F04-LED-E1-SLR-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181092
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-F04-LED-E1-SLR-7030
Description: ICON SITE MEDIUM LED LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (28) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7806.4 lumens
Efficiency: N/A
Efficacy: 76.4 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

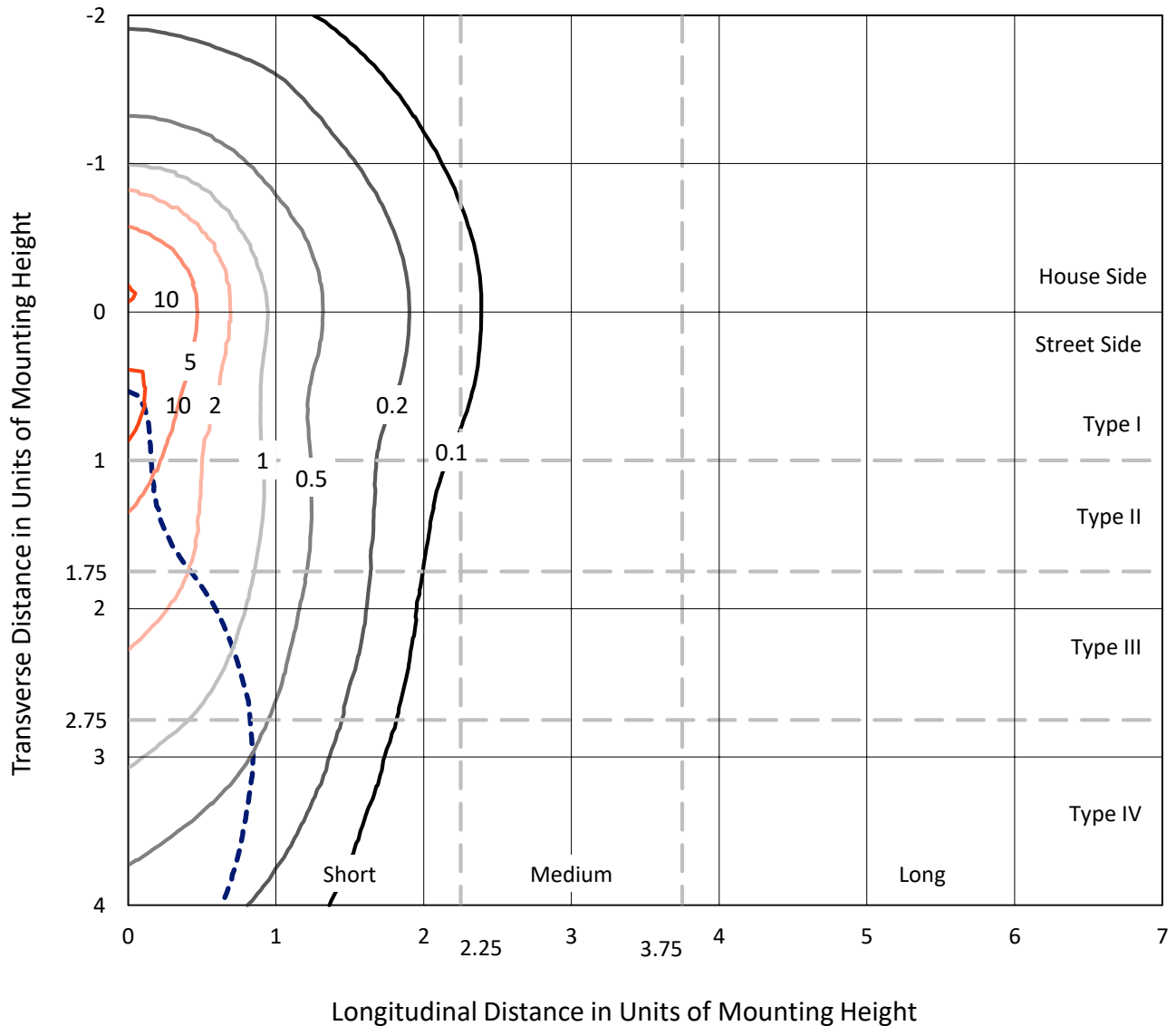
Input Watts (W): 102.2
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P181092
 CATALOG NUMBER: ICM-F04-LED-E1-SLR-7030

Iso-Footcandle Lines of Horizontal Illumination

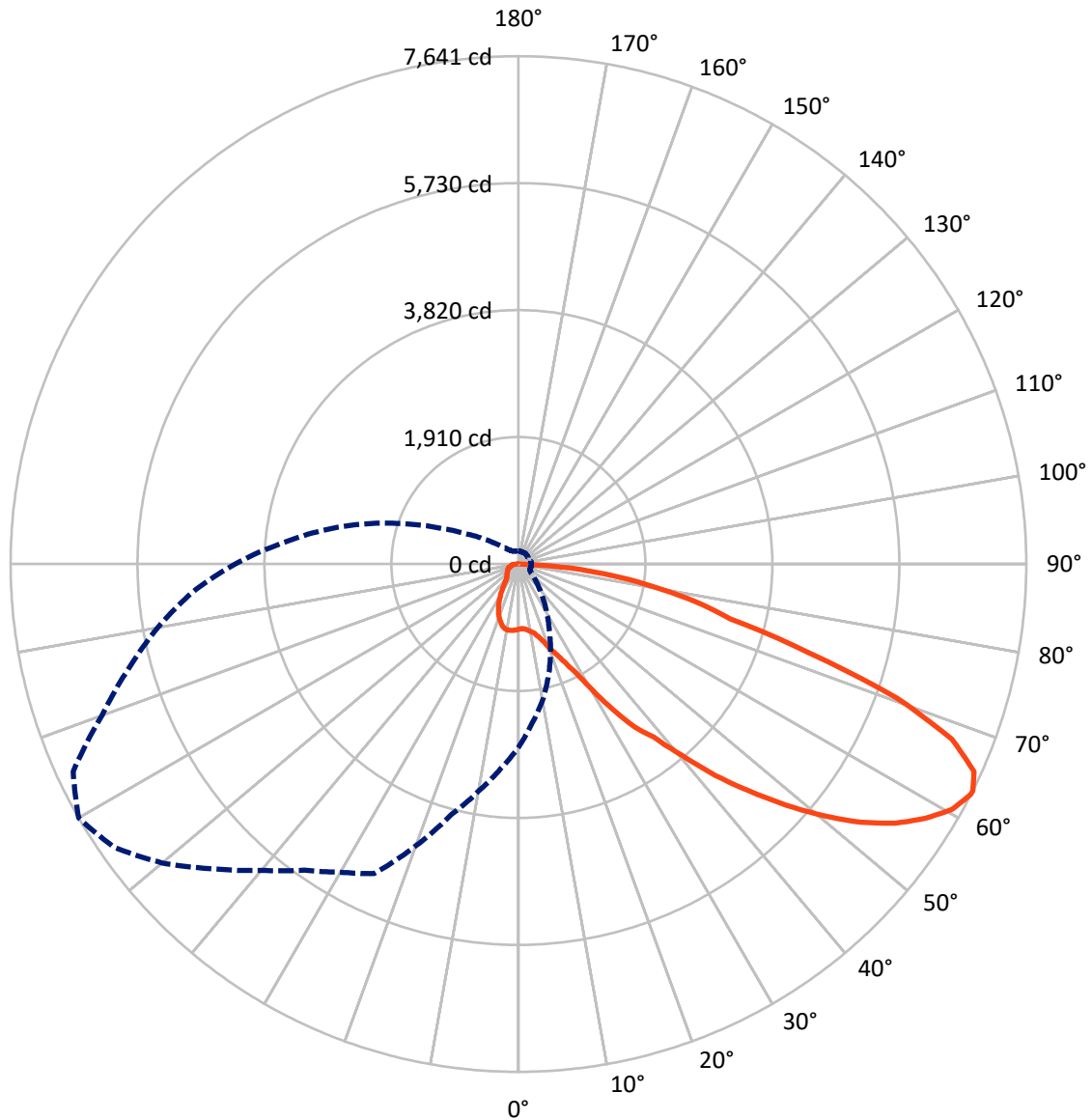
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 12.3 fc
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P181092
CATALOG NUMBER: ICM-F04-LED-E1-SLR-7030

Luminous Intensity Polar Plot



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

REPORT NUMBER: P181092

CATALOG NUMBER: ICM-F04-LED-E1-SLR-7030

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1692.8	0.0	1692.8
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	6113.6	0.0	6113.6
	% Fixture	78.3	0.0	78.3
Total	Lumens	7806.4	0.0	7806.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	95.5	1.2
10°-20°	297.4	3.8
20°-30°	528.4	6.8
30°-40°	832.1	10.7
40°-50°	1224.5	15.7
50°-60°	1626.5	20.8
60°-70°	1791.6	23.0
70°-80°	1124.1	14.4
80°-90°	286.3	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°	7806.4	100.0
0°-180°	7806.4	100.0

Coefficient of Utilization



REPORT NUMBER: P181092

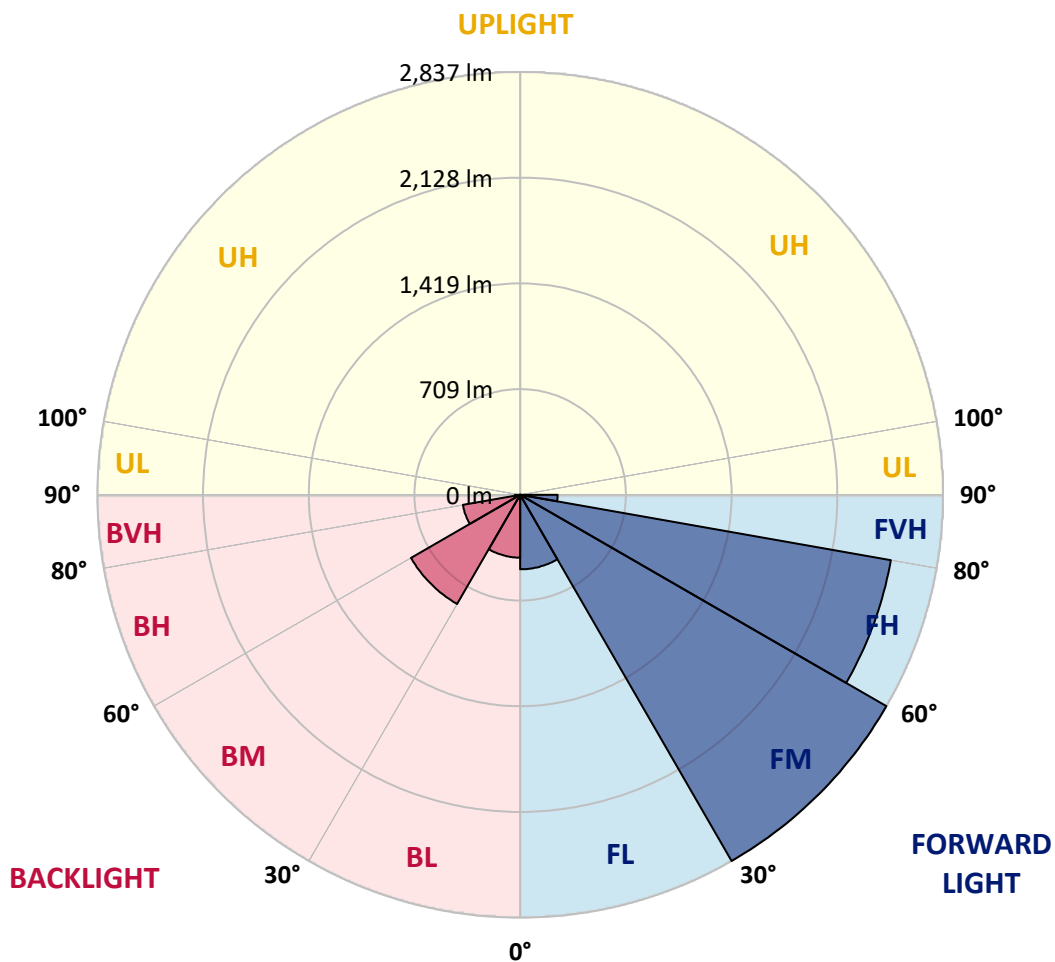
CATALOG NUMBER: ICM-F04-LED-E1-SLR-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	499.9	6.4			
FM (30°-60°)	2837.0	36.3			
FH (60°-80°)	2525.5	32.4			G2/5000
FVH (80°-90°)	251.2	3.2			G3/500
BL (0°-30°)	421.4	5.4	B1/500		
BM (30°-60°)	846.1	10.8	B1/1000		
BH (60°-80°)	390.2	5.0	B1/500		G1/500
BVH (80°-90°)	35.1	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: P181092

CATALOG NUMBER: ICM-F04-LED-E1-SLR-7030

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	981.0	981.0	981.0	981.0	981.0	981.0	981.0	981.0	981.0	981.0	981.0
2.5°	967.9	970.7	969.8	969.8	971.6	970.7	970.7	971.6	971.6	974.4	978.2
5°	960.5	959.5	957.7	959.5	959.5	959.5	955.7	958.6	959.5	961.4	961.4
7.5°	969.8	967.0	963.3	964.2	964.2	962.3	959.5	960.5	959.5	959.5	958.6
10°	982.0	975.4	970.7	970.7	970.7	968.8	964.2	967.0	967.0	966.1	967.0
12.5°	1003.4	996.0	990.3	988.5	988.5	985.7	982.0	985.7	983.8	983.8	982.0
15°	1039.0	1030.6	1024.0	1018.4	1019.4	1019.4	1014.7	1011.9	1008.1	1003.4	994.1
17.5°	1092.3	1083.0	1074.5	1069.9	1070.8	1064.3	1051.2	1038.1	1020.3	1002.5	982.9
20°	1168.1	1165.2	1154.1	1149.3	1138.1	1122.2	1085.8	1054.9	1020.3	986.6	952.9
22.5°	1299.0	1285.9	1274.7	1256.9	1219.4	1175.5	1114.7	1060.5	1006.2	958.6	913.7
25°	1474.8	1451.5	1396.2	1342.0	1265.3	1186.8	1104.5	1034.3	967.0	904.3	849.1
27.5°	1647.8	1576.8	1478.5	1380.4	1268.1	1165.2	1062.3	979.2	900.6	832.3	771.5
30°	1857.3	1737.6	1587.0	1431.8	1272.8	1134.4	1011.0	913.7	823.0	751.0	687.4
32.5°	2053.7	1880.7	1683.4	1479.5	1283.1	1105.4	952.0	841.7	748.2	657.4	594.8
35°	2188.4	1963.9	1724.5	1484.2	1257.9	1050.2	878.1	748.2	654.6	570.4	496.6
37.5°	2268.8	2000.4	1726.3	1450.5	1198.9	975.4	784.7	655.5	569.5	489.1	431.2
40°	2319.3	2008.8	1702.1	1401.9	1124.1	880.9	691.1	575.2	496.6	432.1	387.2
42.5°	2343.5	1995.7	1662.8	1340.1	1048.4	796.7	625.7	516.2	448.0	402.1	368.5
45°	2347.4	1972.3	1620.7	1284.0	981.0	736.0	580.7	491.9	435.8	397.5	363.8
47.5°	2347.4	1951.7	1587.0	1242.9	937.0	709.8	577.0	502.2	447.0	404.0	363.8
50°	2349.2	1945.2	1573.0	1222.3	922.1	723.8	608.8	534.0	471.4	415.3	362.9
52.5°	2357.6	1953.6	1584.2	1238.1	949.2	779.9	668.7	581.7	503.2	428.3	362.9
55°	2376.3	1981.7	1631.9	1293.4	1022.1	865.0	740.7	633.1	528.4	434.0	357.2
57.5°	2428.7	2052.8	1718.9	1400.0	1146.5	963.3	806.1	669.6	537.8	429.2	346.0
60°	2533.4	2194.0	1867.5	1549.6	1278.4	1047.4	844.5	675.2	529.3	414.3	328.3
62.5°	2700.9	2355.7	2048.1	1712.3	1395.3	1094.1	849.1	661.2	506.9	387.2	302.0
63°	2758.8	2395.9	2086.4	1743.2	1410.2	1098.0	845.4	655.5	501.3	379.7	298.3
65°	2920.6	2565.2	2219.2	1851.6	1452.4	1098.9	824.8	627.5	475.1	350.7	272.1
67.5°	3222.6	2787.8	2386.6	1936.8	1467.4	1068.9	772.5	575.2	419.9	305.8	239.4
70°	3413.4	2912.2	2451.2	1938.6	1423.4	983.8	681.8	490.0	349.8	253.4	205.8
72.5°	3363.9	2789.7	2280.9	1763.7	1233.5	822.1	548.0	385.3	273.1	203.0	171.2
75°	2881.3	2322.1	1861.0	1366.3	932.4	604.1	401.2	275.0	202.0	159.0	143.1
77.5°	2074.2	1671.2	1334.5	973.5	628.5	390.9	266.5	196.4	153.4	130.9	117.9
80°	1321.4	980.1	816.4	585.4	367.5	242.2	183.3	148.7	126.2	109.4	101.0
82.5°	690.1	483.5	392.7	299.3	203.9	159.9	134.7	121.6	103.8	90.7	86.0
85°	430.1	285.2	211.4	147.7	102.0	91.6	84.2	82.3	73.9	65.5	62.7
87.5°	48.7	44.0	45.9	29.0	21.5	23.3	22.4	30.0	29.0	21.5	22.4
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: P181092

CATALOG NUMBER: ICM-F04-LED-E1-SLR-7030

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	981.0	981.0	981.0	981.0	981.0	981.0	981.0	981.0	981.0	981.0	981.0
2.5°	974.4	976.4	976.4	979.2	979.2	981.0	982.9	982.9	984.8	985.7	987.5
5°	963.3	963.3	963.3	967.0	967.9	973.5	975.4	977.3	979.2	985.7	989.4
7.5°	960.5	956.7	958.6	958.6	961.4	966.1	970.7	973.5	976.4	984.8	990.3
10°	966.1	963.3	960.5	960.5	961.4	963.3	967.0	969.8	971.6	980.1	984.8
12.5°	981.0	974.4	968.8	964.2	960.5	959.5	957.7	958.6	960.5	965.1	971.6
15°	983.8	971.6	959.5	947.4	938.0	932.4	927.7	925.9	925.9	928.7	936.1
17.5°	965.1	944.6	926.8	910.9	900.6	890.3	885.6	881.9	880.0	883.7	884.7
20°	924.9	900.6	876.3	857.6	838.9	836.1	828.6	830.4	832.3	838.0	840.7
22.5°	869.8	840.7	810.8	791.2	776.2	763.1	754.7	758.4	761.2	766.9	769.7
25°	802.4	760.3	728.5	708.8	692.9	681.8	672.4	676.1	672.4	679.0	689.2
27.5°	722.9	673.3	639.6	617.2	606.1	596.7	587.3	587.3	596.7	596.7	605.0
30°	626.6	590.1	546.1	522.8	508.7	503.2	502.2	500.3	506.9	510.6	520.0
32.5°	535.9	491.0	448.9	426.4	414.3	407.7	408.7	409.6	412.4	418.0	433.0
35°	444.2	404.9	375.0	349.8	337.6	325.5	325.5	323.5	326.4	332.9	350.7
37.5°	385.3	350.7	327.4	307.7	295.5	288.0	281.5	278.7	278.7	281.5	288.0
40°	352.6	327.4	305.8	288.9	277.8	271.2	267.4	264.7	262.8	262.8	263.7
42.5°	337.6	311.4	290.0	275.0	266.5	262.8	261.9	260.9	258.1	257.2	256.3
45°	330.1	300.2	275.9	263.7	257.2	255.4	256.3	256.3	255.4	253.4	249.7
47.5°	324.5	290.0	265.6	254.3	251.5	251.5	251.5	251.5	250.6	249.7	246.9
50°	315.2	274.0	247.8	239.4	237.6	237.6	238.5	238.5	240.4	238.5	236.6
52.5°	304.8	259.1	232.8	225.4	224.5	223.5	223.5	223.5	224.5	224.5	223.5
55°	293.7	247.8	225.4	219.8	220.7	219.8	218.8	217.9	217.9	216.9	215.1
57.5°	282.4	238.5	219.8	216.0	216.9	216.9	215.1	213.2	212.3	209.5	207.6
60°	265.6	225.4	208.6	206.7	209.5	209.5	209.5	208.6	208.6	207.6	203.0
62.5°	243.2	206.7	193.6	194.5	195.4	197.3	197.3	197.3	197.3	195.4	190.8
63°	238.5	203.0	190.8	190.8	193.6	193.6	194.5	193.6	194.5	192.7	187.1
65°	219.8	190.8	181.4	182.3	184.2	184.2	184.2	183.3	183.3	180.5	177.7
67.5°	198.2	175.8	170.2	171.2	172.1	174.0	173.0	173.0	174.0	172.1	169.3
70°	174.0	159.9	156.2	157.1	158.0	158.0	157.1	157.1	158.0	156.2	153.4
72.5°	155.3	149.7	146.8	146.8	144.9	144.9	143.1	142.1	141.2	141.2	138.4
75°	130.9	130.0	130.9	132.8	130.9	129.0	128.1	125.3	123.4	123.4	122.5
77.5°	112.2	112.2	114.0	116.9	117.9	117.9	115.1	110.3	109.4	109.4	109.4
80°	97.3	95.3	95.3	98.2	101.0	100.1	95.3	90.7	90.7	95.3	96.3
82.5°	85.1	85.1	82.3	83.3	82.3	81.4	76.7	73.9	72.9	76.7	80.5
85°	67.3	68.3	67.3	66.4	65.5	62.7	58.9	56.1	55.2	58.9	64.6
87.5°	27.2	26.1	25.2	26.1	25.2	27.2	26.1	24.3	23.3	26.1	31.8
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: P181092

CATALOG NUMBER: ICM-F04-LED-E1-SLR-7030

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	981.0	981.0	981.0	981.0	981.0	981.0	981.0	981.0	981.0	981.0	981.0
2.5°	988.5	990.3	992.2	992.2	994.1	993.2	994.1	995.1	995.1	996.0	996.0
5°	994.1	996.9	1000.7	1004.4	1005.3	1008.1	1011.0	1009.0	1011.9	1015.6	1015.6
7.5°	996.0	1002.5	1005.3	1011.0	1011.9	1015.6	1022.1	1017.5	1023.1	1025.9	1026.8
10°	993.2	999.7	1004.4	1011.0	1013.8	1020.3	1026.8	1024.9	1031.5	1036.2	1037.1
12.5°	976.4	982.9	993.2	1002.5	1010.1	1020.3	1032.5	1028.8	1038.1	1043.6	1046.5
15°	943.6	950.1	961.4	976.4	990.3	1006.2	1022.1	1024.9	1034.3	1040.8	1043.6
17.5°	892.2	900.6	912.7	928.7	946.4	973.5	994.1	1004.4	1017.5	1021.2	1025.9
20°	844.5	852.9	860.4	869.8	882.8	909.0	936.1	956.7	973.5	987.5	991.3
22.5°	780.8	788.4	797.7	805.2	814.5	833.2	855.7	879.1	905.3	913.7	923.1
25°	704.2	708.8	722.0	726.6	733.2	749.1	766.9	783.7	808.9	826.7	831.4
27.5°	621.9	626.6	638.7	641.6	650.0	664.9	678.1	684.6	707.9	726.6	741.6
30°	526.5	538.7	553.7	555.5	564.8	574.2	586.3	592.9	614.4	634.1	652.7
32.5°	444.2	456.4	468.6	476.0	480.7	488.2	500.3	506.9	527.4	545.2	563.9
35°	360.0	375.0	388.1	398.4	402.1	411.4	420.8	427.4	448.9	464.7	477.9
37.5°	296.5	307.7	321.7	332.0	342.2	348.8	360.0	369.4	382.5	390.9	404.9
40°	265.6	271.2	278.7	287.1	295.5	303.0	311.4	318.9	327.4	338.5	347.9
42.5°	255.4	256.3	256.3	259.1	263.7	267.4	275.0	280.6	286.1	294.6	299.3
45°	247.8	246.9	245.0	243.2	244.1	246.0	250.6	254.3	260.9	264.7	265.6
47.5°	244.1	240.4	236.6	233.8	232.8	233.8	237.6	241.3	245.0	247.8	248.7
50°	231.9	229.1	223.5	219.8	217.9	219.8	224.5	226.3	230.0	232.8	233.8
52.5°	219.8	216.0	212.3	208.6	208.6	209.5	213.2	216.9	220.7	221.7	223.5
55°	212.3	206.7	203.0	200.1	198.2	201.0	203.9	208.6	213.2	214.1	216.0
57.5°	204.8	199.2	195.4	192.7	190.8	193.6	196.4	203.0	208.6	208.6	208.6
60°	200.1	195.4	189.9	187.1	184.2	187.1	190.8	197.3	203.0	202.0	201.0
62.5°	187.1	182.3	179.5	179.5	176.7	181.4	185.2	192.7	193.6	191.7	189.9
63°	183.3	179.5	177.7	177.7	175.8	180.5	184.2	190.8	190.8	188.9	187.1
65°	174.0	171.2	169.3	171.2	171.2	175.8	176.7	181.4	180.5	177.7	176.7
67.5°	166.4	164.6	162.7	162.7	162.7	163.6	164.6	166.4	165.5	164.6	165.5
70°	154.3	153.4	151.5	151.5	150.6	150.6	150.6	151.5	151.5	152.5	153.4
72.5°	139.3	137.5	137.5	138.4	136.6	137.5	138.4	137.5	139.3	139.3	140.3
75°	122.5	121.6	123.4	125.3	124.4	124.4	125.3	125.3	126.2	126.2	127.2
77.5°	109.4	110.3	111.3	113.1	114.0	114.0	114.0	113.1	114.0	114.0	115.1
80°	97.3	99.2	101.0	102.9	103.8	103.8	103.8	102.9	102.9	102.9	102.9
82.5°	87.9	90.7	92.6	93.5	93.5	93.5	93.5	93.5	93.5	91.6	89.8
85°	73.9	79.5	79.5	80.5	77.6	75.7	73.9	74.8	75.7	72.0	71.1
87.5°	37.4	37.4	39.3	41.1	42.0	42.0	47.7	44.9	44.0	43.0	41.1
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: P181092

CATALOG NUMBER: ICM-F04-LED-E1-SLR-7030

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	981.0	981.0	981.0	981.0	981.0	981.0	981.0	981.0	981.0	981.0	981.0
2.5°	996.9	996.0	997.9	996.0	996.9	997.9	996.0	998.8	1000.7	997.9	995.1
5°	1017.5	1017.5	1022.1	1024.0	1024.9	1030.6	1027.8	1029.7	1031.5	1030.6	1031.5
7.5°	1030.6	1034.3	1039.0	1043.6	1044.6	1049.3	1048.4	1051.2	1053.0	1057.7	1057.7
10°	1041.8	1046.5	1053.0	1057.7	1062.3	1066.1	1068.0	1073.6	1074.5	1078.2	1078.2
12.5°	1052.1	1057.7	1064.3	1071.7	1076.4	1083.9	1084.8	1093.2	1096.0	1096.9	1094.1
15°	1050.2	1056.8	1064.3	1072.7	1081.1	1090.4	1096.0	1104.5	1109.1	1111.0	1106.3
17.5°	1032.5	1038.1	1047.4	1058.6	1068.9	1081.1	1091.4	1103.5	1111.0	1112.8	1111.9
20°	997.9	1001.6	1013.8	1028.8	1040.8	1059.5	1074.5	1093.2	1105.4	1114.7	1117.6
22.5°	929.6	938.9	951.1	967.9	985.7	1009.0	1030.6	1057.7	1083.9	1106.3	1128.8
25°	847.3	864.1	882.8	905.3	926.8	951.1	975.4	1006.2	1044.6	1091.4	1144.7
27.5°	764.1	793.0	816.4	845.4	870.7	895.0	922.1	955.7	997.9	1054.0	1122.2
30°	679.9	712.7	737.9	771.5	805.2	838.0	865.0	900.6	941.8	998.8	1073.6
32.5°	590.1	622.8	652.7	683.6	721.0	760.3	793.0	837.0	880.9	939.9	1015.6
35°	497.5	526.5	551.7	584.5	625.7	667.7	710.7	761.2	808.9	870.7	951.1
37.5°	417.1	437.7	462.0	491.0	522.8	567.6	616.3	676.1	730.4	797.7	880.0
40°	350.7	362.0	375.9	400.3	429.2	473.2	520.9	584.5	650.0	723.8	803.4
42.5°	299.3	304.8	308.7	324.5	347.9	390.9	436.7	498.4	570.4	650.9	731.4
45°	265.6	268.4	269.3	277.8	294.6	332.0	379.7	432.1	501.3	579.8	664.0
47.5°	249.7	252.5	254.3	256.3	266.5	295.5	338.5	388.1	451.7	523.7	609.8
50°	236.6	239.4	242.2	241.3	246.0	264.7	301.1	347.0	406.8	473.2	558.3
52.5°	223.5	225.4	225.4	225.4	228.2	240.4	266.5	308.7	363.8	426.4	510.6
55°	216.0	217.9	218.8	219.8	220.7	227.3	246.9	280.6	328.3	386.2	462.0
57.5°	208.6	209.5	211.4	212.3	214.1	217.9	230.0	254.3	294.6	343.3	406.8
60°	202.0	203.9	207.6	208.6	210.4	211.4	216.9	231.9	258.1	295.5	347.0
62.5°	191.7	194.5	198.2	199.2	201.0	202.0	203.0	211.4	223.5	246.0	284.3
63°	188.9	191.7	196.4	197.3	198.2	198.2	199.2	204.8	216.0	235.6	263.7
65°	178.6	182.3	185.2	186.1	187.1	187.1	186.1	188.0	188.9	197.3	214.1
67.5°	167.4	170.2	172.1	173.0	172.1	173.0	172.1	170.2	168.4	170.2	177.7
70°	156.2	158.0	158.0	159.0	159.9	160.8	159.0	157.1	155.3	154.3	159.0
72.5°	143.1	144.9	144.9	145.9	145.9	147.7	147.7	146.8	146.8	147.7	148.7
75°	130.0	131.9	130.9	132.8	132.8	135.6	135.6	136.6	138.4	137.5	136.6
77.5°	117.9	118.8	118.8	119.7	120.7	125.3	128.1	129.0	129.0	127.2	125.3
80°	104.7	104.7	102.9	102.0	102.9	107.5	113.1	114.0	116.9	116.0	116.9
82.5°	87.9	84.2	81.4	81.4	83.3	86.0	87.9	89.8	91.6	91.6	93.5
85°	67.3	63.6	60.7	61.8	64.6	65.5	64.6	64.6	68.3	71.1	68.3
87.5°	40.2	36.5	34.6	31.8	32.7	35.5	34.6	31.8	32.7	26.1	24.3
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: P181092

CATALOG NUMBER: ICM-F04-LED-E1-SLR-7030

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	981.0	981.0	981.0	981.0	981.0	981.0	981.0	981.0	981.0	981.0	981.0
2.5°	996.9	996.0	994.1	991.3	990.3	988.5	989.4	986.6	984.8	982.9	980.1
5°	1031.5	1031.5	1025.9	1025.9	1023.1	1022.1	1015.6	1012.8	1007.2	1009.0	1002.5
7.5°	1055.8	1058.6	1052.1	1051.2	1047.4	1046.5	1038.1	1035.3	1030.6	1028.8	1023.1
10°	1073.6	1073.6	1065.2	1058.6	1054.0	1049.3	1040.8	1037.1	1033.4	1034.3	1030.6
12.5°	1087.6	1081.1	1068.9	1059.5	1053.0	1048.4	1041.8	1039.0	1038.1	1044.6	1045.6
15°	1098.9	1089.5	1074.5	1068.0	1062.3	1061.4	1061.4	1064.3	1070.8	1083.0	1092.3
17.5°	1105.4	1099.8	1092.3	1090.4	1099.8	1105.4	1112.8	1121.3	1130.6	1147.4	1157.8
20°	1117.6	1121.3	1126.9	1134.4	1149.3	1163.4	1172.8	1184.8	1196.1	1216.7	1233.5
22.5°	1149.3	1170.9	1188.7	1203.6	1226.1	1245.7	1257.9	1274.7	1283.1	1297.1	1323.3
25°	1190.5	1234.4	1271.8	1303.6	1338.2	1358.8	1375.6	1397.2	1410.2	1433.7	1457.0
27.5°	1178.3	1241.0	1297.1	1356.0	1403.7	1457.0	1494.4	1530.0	1552.4	1587.0	1617.9
30°	1140.9	1215.7	1291.5	1369.1	1444.8	1521.6	1592.7	1657.1	1706.7	1756.3	1806.8
32.5°	1090.4	1176.5	1269.0	1364.5	1463.5	1570.1	1668.4	1765.7	1847.9	1919.9	1990.1
35°	1032.5	1129.7	1226.1	1343.9	1466.3	1602.0	1738.5	1873.2	1998.5	2125.7	2211.7
37.5°	963.3	1062.3	1170.0	1305.5	1449.6	1616.9	1790.9	1966.7	2144.4	2315.5	2464.2
40°	889.4	990.3	1103.5	1250.3	1413.0	1607.6	1824.6	2061.1	2305.2	2553.0	2750.4
42.5°	823.9	927.7	1051.2	1199.8	1376.6	1595.5	1851.6	2142.5	2440.9	2747.6	3037.5
45°	760.3	874.4	1004.4	1164.3	1360.7	1604.8	1891.9	2218.2	2562.4	2934.6	3288.1
47.5°	703.3	819.3	945.5	1120.4	1337.3	1609.5	1931.2	2294.1	2677.4	3080.5	3500.4
50°	651.8	764.1	888.5	1064.3	1300.8	1606.6	1966.7	2362.3	2776.6	3195.6	3664.1
52.5°	601.3	715.4	842.6	1010.1	1256.0	1590.8	1983.5	2418.4	2868.2	3311.6	3795.9
55°	551.7	664.0	792.1	958.6	1197.0	1549.6	1981.7	2454.9	2941.1	3421.0	3923.1
57.5°	493.8	600.4	725.7	901.5	1134.4	1486.1	1953.6	2471.7	3003.8	3529.4	4075.6
60°	421.8	521.9	642.5	818.3	1052.1	1404.7	1894.7	2462.3	3040.3	3609.9	4205.5
62.5°	332.9	419.9	530.2	702.3	949.2	1287.7	1784.4	2377.2	2982.3	3598.6	4266.4
63°	314.2	396.6	504.1	674.2	905.3	1256.0	1751.6	2343.5	2954.3	3575.3	4257.9
65°	252.5	305.8	391.8	544.3	757.5	1099.8	1588.8	2170.6	2803.7	3410.6	4136.4
67.5°	193.6	220.7	266.5	373.1	535.9	865.0	1286.8	1839.5	2433.4	3003.8	3744.5
70°	165.5	177.7	197.3	247.8	340.4	546.1	903.4	1371.9	1886.2	2381.0	3046.8
72.5°	150.6	156.2	166.4	188.0	233.8	327.4	576.1	893.1	1283.1	1697.4	2211.7
75°	138.4	143.1	151.5	162.7	179.5	217.9	328.3	546.1	834.1	1114.7	1492.6
77.5°	126.2	129.0	138.4	148.7	159.9	179.5	216.9	314.2	479.7	657.4	899.6
80°	116.0	114.0	120.7	137.5	148.7	159.9	171.2	203.9	273.1	360.0	486.3
82.5°	92.6	94.4	100.1	116.9	121.6	118.8	120.7	126.2	152.5	166.4	248.7
85°	62.7	58.0	57.0	58.9	58.9	56.1	56.1	55.2	60.7	69.2	118.8
87.5°	16.8	8.4	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: P181092
 CATALOG NUMBER: ICM-F04-LED-E1-SLR-7030

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	981.0	981.0	981.0	981.0	981.0	981.0	981.0	981.0	981.0	981.0	981.0	0°
2.5°	978.2	977.3	978.2	973.5	973.5	972.6	971.6	969.8	969.8	966.1	968.8	2.5°
5°	996.9	995.1	991.3	985.7	982.9	979.2	979.2	975.4	972.6	968.8	969.8	5°
7.5°	1018.4	1019.4	1012.8	1008.1	1006.2	1002.5	1003.4	997.9	998.8	996.0	994.1	7.5°
10°	1030.6	1030.6	1032.5	1031.5	1033.4	1033.4	1036.2	1032.5	1030.6	1027.8	1027.8	10°
12.5°	1050.2	1054.0	1061.4	1061.4	1067.1	1068.9	1069.9	1071.7	1068.0	1066.1	1059.5	12.5°
15°	1098.9	1108.2	1114.7	1124.1	1135.4	1139.1	1139.1	1135.4	1133.5	1130.6	1118.5	15°
17.5°	1179.3	1199.8	1205.5	1220.4	1222.3	1227.0	1240.1	1232.6	1227.9	1208.3	1204.6	17.5°
20°	1261.6	1287.7	1314.0	1332.7	1342.0	1360.7	1363.5	1359.7	1341.0	1322.3	1314.0	20°
22.5°	1360.7	1400.0	1429.9	1458.9	1472.9	1482.2	1502.9	1498.1	1483.2	1455.2	1443.9	22.5°
25°	1500.9	1549.6	1581.4	1616.9	1635.6	1645.0	1665.6	1665.6	1649.7	1641.2	1640.3	25°
27.5°	1677.8	1737.6	1790.0	1802.2	1850.7	1862.0	1881.6	1881.6	1866.6	1856.4	1906.0	27.5°
30°	1874.2	1936.8	2027.5	2088.3	2147.2	2205.2	2204.3	2208.0	2225.8	2235.1	2256.6	30°
32.5°	2070.5	2148.1	2244.5	2376.3	2502.5	2610.2	2749.5	2838.3	2811.2	2735.5	2705.5	32.5°
35°	2308.9	2395.0	2511.9	2644.8	2875.7	3015.1	3082.3	3130.1	3135.7	3146.0	3167.5	35°
37.5°	2574.6	2718.6	2854.3	3004.8	3132.9	3302.2	3458.3	3583.6	3612.7	3671.6	3637.9	37.5°
40°	2910.3	3071.2	3213.3	3407.8	3579.9	3783.7	4007.3	4179.4	4248.6	4226.2	4057.8	40°
42.5°	3262.0	3461.1	3627.7	3856.8	4080.2	4349.6	4580.6	4820.9	4863.9	4690.9	4439.4	42.5°
45°	3585.5	3832.4	4039.1	4277.6	4550.6	4873.2	5181.9	5428.8	5420.4	5123.9	4787.3	45°
47.5°	3876.4	4179.4	4431.8	4742.4	5036.0	5420.4	5774.8	5957.2	5849.6	5498.9	5086.5	47.5°
50°	4116.7	4494.5	4806.0	5120.2	5493.3	5956.2	6297.6	6400.4	6192.9	5811.3	5377.3	50°
52.5°	4310.3	4784.4	5134.2	5496.1	5967.5	6454.7	6748.3	6710.0	6441.6	6049.7	5617.7	52.5°
55°	4474.0	5006.1	5423.2	5850.5	6435.0	6883.9	7079.4	6976.5	6601.5	6204.0	5782.3	55°
57.5°	4643.2	5221.1	5688.8	6184.4	6835.3	7220.6	7329.1	7117.7	6677.3	6263.0	5853.3	57.5°
60°	4812.5	5400.7	5923.5	6476.2	7138.3	7495.6	7465.6	7149.5	6654.8	6219.9	5805.7	60°
62.5°	4926.6	5507.4	6060.0	6655.8	7365.5	7635.9	7452.5	7036.4	6524.8	6050.7	5663.5	62.5°
63°	4929.4	5511.1	6068.5	6667.9	7390.8	7640.5	7427.3	6996.1	6483.7	6016.1	5621.4	63°
65°	4870.4	5441.0	5993.6	6612.8	7369.3	7533.0	7209.3	6758.6	6249.0	5776.7	5402.6	65°
67.5°	4569.3	5151.0	5639.2	6222.7	6984.0	7030.7	6625.8	6262.1	5803.8	5314.7	4923.8	67.5°
70°	3962.4	4445.9	4924.7	5411.9	6050.7	6042.3	5661.6	5476.5	5075.3	4517.9	4204.6	70°
72.5°	3151.6	3585.5	3922.2	4248.6	4669.4	4584.3	4339.3	4390.7	4130.7	3714.5	3528.5	72.5°
75°	2339.8	2816.8	2981.4	3114.2	3291.8	3292.8	3360.1	3506.1	3502.3	3271.3	3036.6	75°
77.5°	1534.6	2056.5	2111.6	2218.2	2431.5	2721.4	3020.7	3342.3	3422.8	3240.4	2893.5	77.5°
80°	855.7	1398.1	1334.5	1426.1	1656.2	2050.0	2491.4	2846.7	3056.2	2954.3	2586.7	80°
82.5°	437.7	806.1	770.6	897.8	1083.9	1426.1	1718.0	1991.0	2237.9	2223.9	2084.6	82.5°
85°	227.3	441.4	502.2	568.6	662.1	784.7	895.0	974.4	1077.3	1258.8	1320.5	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.9	0.0	67.3	48.7	133.8	190.8	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°



IUMBER: P181092

NUMBER: ICM-F04-LED-E1-SLR-7030

DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
981.0	981.0	981.0	981.0	981.0	981.0	981.0
969.8	970.7	968.8	968.8	969.8	969.8	967.9
967.9	967.9	966.1	964.2	962.3	962.3	960.5
989.4	989.4	982.9	980.1	975.4	971.6	969.8
1021.2	1015.6	1008.1	1002.5	995.1	986.6	982.0
1053.0	1044.6	1035.3	1026.8	1017.5	1008.1	1003.4
1105.4	1094.1	1082.1	1071.7	1058.6	1044.6	1039.0
1185.9	1168.1	1152.2	1137.2	1113.8	1103.5	1092.3
1292.5	1266.2	1245.7	1220.4	1191.4	1182.1	1168.1
1421.5	1399.1	1357.9	1339.2	1310.2	1296.2	1299.0
1617.9	1588.8	1541.2	1523.5	1520.7	1489.8	1474.8
1874.2	1876.0	1832.0	1784.4	1758.2	1709.5	1647.8
2238.8	2213.6	2162.2	2113.5	2051.8	1960.2	1857.3
2680.3	2624.1	2539.1	2448.3	2338.9	2197.7	2053.7
3111.4	3013.2	2877.6	2726.1	2568.0	2392.2	2188.4
3490.2	3337.7	3134.7	2960.9	2737.3	2517.5	2268.8
3836.1	3647.3	3385.4	3160.0	2896.3	2613.9	2319.3
4170.9	3931.6	3610.8	3305.9	3007.6	2678.3	2343.5
4489.9	4181.2	3800.6	3437.8	3088.9	2720.5	2347.4
4734.9	4398.2	3970.8	3533.1	3145.0	2752.3	2347.4
4962.2	4581.5	4100.8	3607.9	3197.4	2773.8	2349.2
5138.9	4710.5	4185.0	3661.2	3238.5	2789.7	2357.6
5267.0	4794.7	4241.0	3694.0	3268.5	2812.1	2376.3
5356.8	4849.9	4271.9	3723.0	3305.0	2851.4	2428.7
5399.8	4951.8	4323.4	3781.0	3367.6	2934.6	2533.4
5367.1	5109.9	4470.3	3879.2	3454.6	3064.6	2700.9
5353.1	5138.9	4510.4	3900.7	3474.3	3092.7	2758.8
5243.7	5167.8	4675.9	4009.1	3567.7	3217.0	2920.6
4904.1	5053.8	4815.3	4192.5	3768.9	3519.1	3222.6
4464.6	4884.5	4790.1	4215.8	3897.0	3766.9	3413.4
3938.1	4373.0	4285.0	3904.4	3755.7	3769.8	3363.9
3099.2	3425.6	3367.6	3233.9	3263.8	3366.7	2881.3
2482.9	2439.0	2305.2	2314.6	2487.6	2608.3	2074.2
2028.4	1642.2	1468.3	1472.9	1775.0	1900.3	1321.4
1930.2	1553.3	1265.3	1105.4	1291.5	1243.8	690.1
1374.7	1377.5	1142.8	928.7	899.6	765.0	430.1
325.5	260.9	186.1	138.4	145.9	96.3	48.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)