

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: P181078

Luminaire Tested: **ICM-E03-LED-E1-SLR**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181078
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-E03-LED-E1-SLR
Description: ICON SITE MEDIUM LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (63) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7765 lumens
Efficiency: N/A
Efficacy: 103.3 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

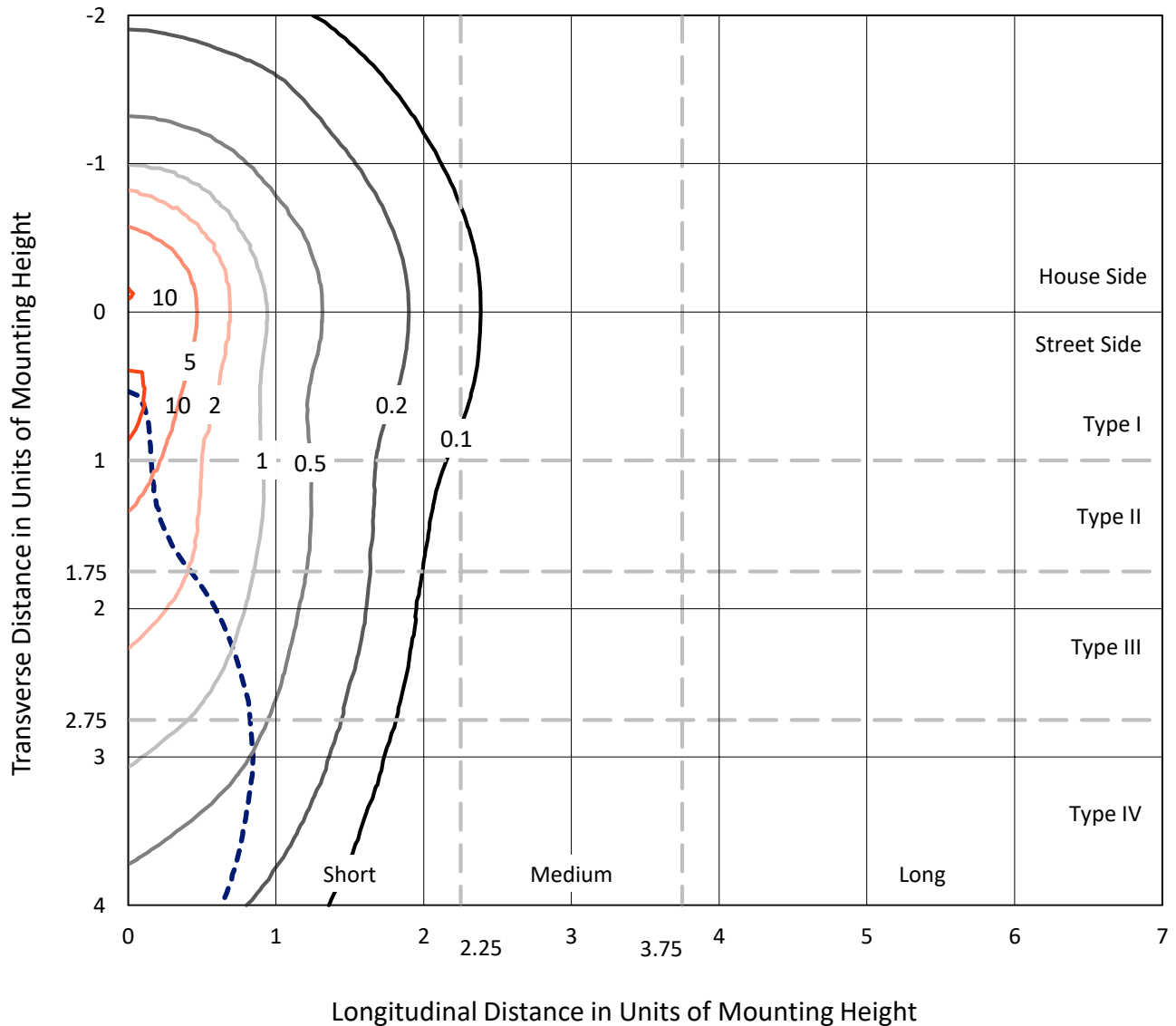
Input Watts (W): 75.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P181078
 CATALOG NUMBER: ICM-E03-LED-E1-SLR

Iso-Footcandle Lines of Horizontal Illumination

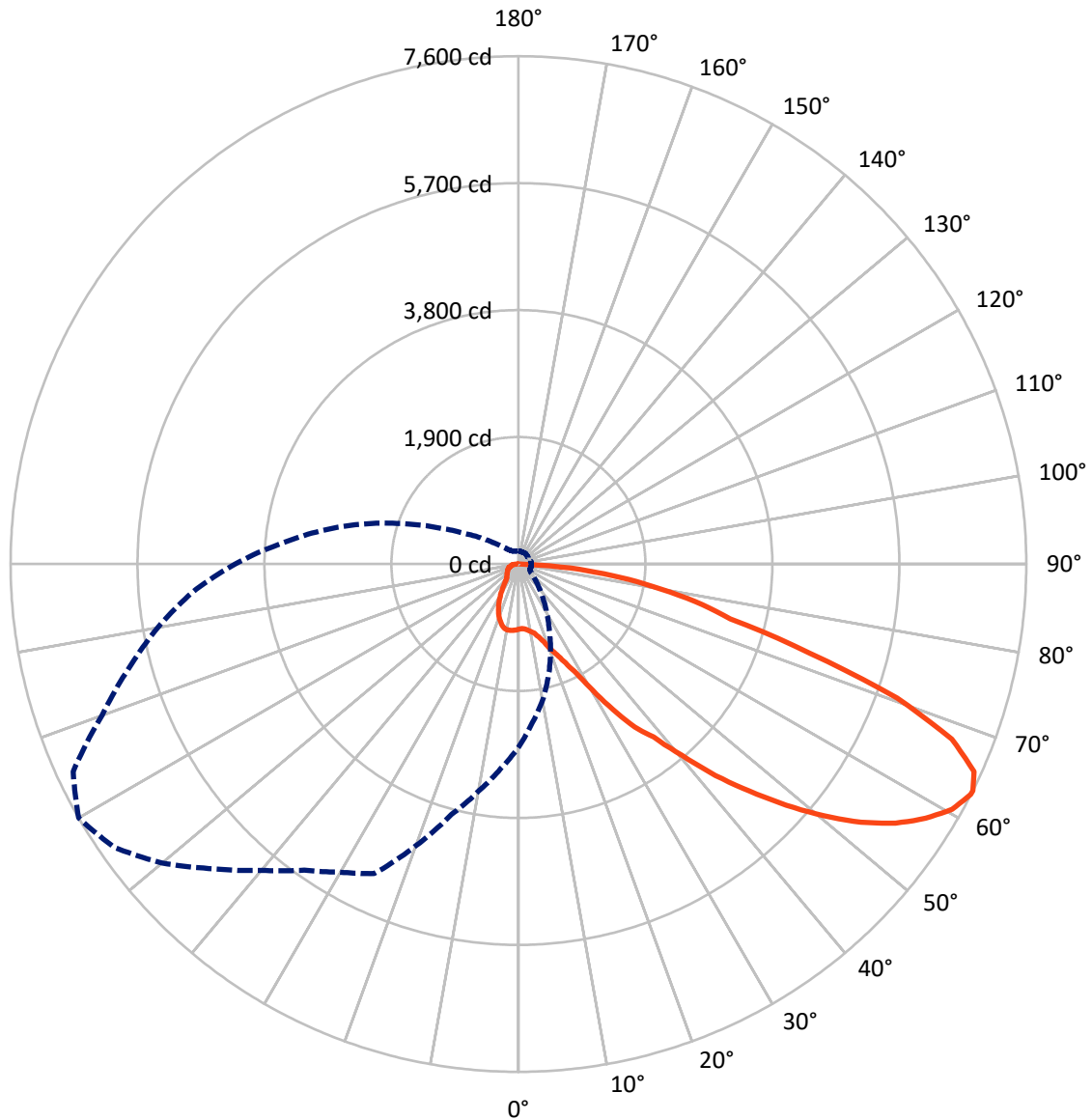
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 12.2 fc
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P181078
CATALOG NUMBER: ICM-E03-LED-E1-SLR

Luminous Intensity Polar Plot



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

REPORT NUMBER: P181078

CATALOG NUMBER: ICM-E03-LED-E1-SLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1683.8	0.0	1683.8
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	6081.2	0.0	6081.2
	% Fixture	78.3	0.0	78.3
Total	Lumens	7765.0	0.0	7765.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	95.0	1.2
10°-20°	295.8	3.8
20°-30°	525.6	6.8
30°-40°	827.6	10.7
40°-50°	1218.0	15.7
50°-60°	1617.9	20.8
60°-70°	1782.1	23.0
70°-80°	1118.1	14.4
80°-90°	284.8	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°	7765.0	100.0
0°-180°	7765.0	100.0

Coefficient of Utilization



REPORT NUMBER: P181078

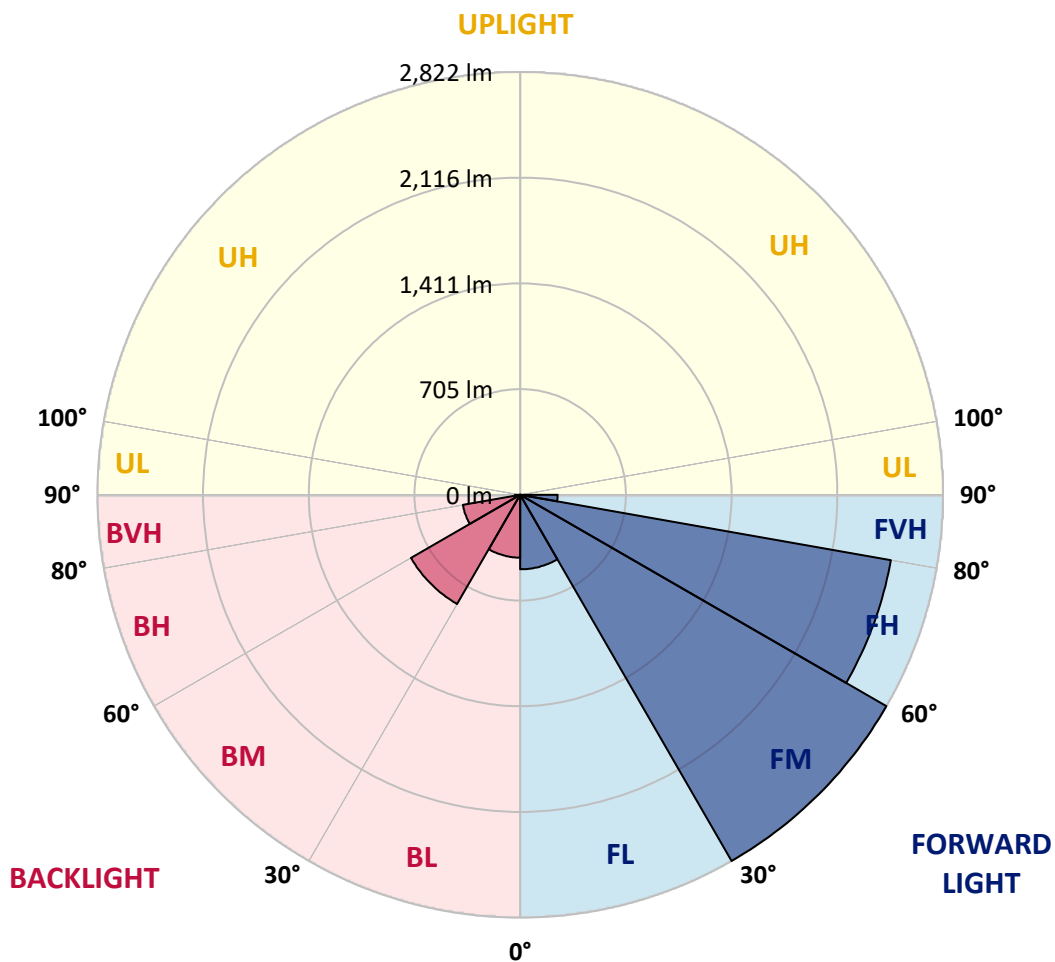
CATALOG NUMBER: ICM-E03-LED-E1-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	497.2	6.4			
FM (30°-60°)	2822.0	36.3			
FH (60°-80°)	2512.1	32.4			G2/5000
FVH (80°-90°)	249.9	3.2			G3/500
BL (0°-30°)	419.2	5.4	B1/500		
BM (30°-60°)	841.6	10.8	B1/1000		
BH (60°-80°)	388.1	5.0	B1/500		G1/500
BVH (80°-90°)	34.9	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: P181078

CATALOG NUMBER: ICM-E03-LED-E1-SLR

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8
2.5°	962.8	965.6	964.7	964.7	966.5	965.6	965.6	966.5	966.5	969.3	973.0
5°	955.4	954.4	952.6	954.4	954.4	954.4	950.7	953.5	954.4	956.3	956.3
7.5°	964.7	961.9	958.1	959.1	959.1	957.2	954.4	955.4	954.4	954.4	953.5
10°	976.8	970.2	965.6	965.6	965.6	963.7	959.1	961.9	961.9	960.9	961.9
12.5°	998.1	990.7	985.1	983.3	983.3	980.5	976.8	980.5	978.6	978.6	976.8
15°	1033.5	1025.1	1018.6	1013.0	1014.0	1014.0	1009.3	1006.5	1002.8	998.1	988.8
17.5°	1086.5	1077.2	1068.8	1064.2	1065.1	1058.6	1045.6	1032.6	1014.9	997.2	977.7
20°	1161.9	1159.1	1147.9	1143.3	1132.1	1116.3	1080.0	1049.3	1014.9	981.4	947.9
22.5°	1292.1	1279.1	1267.9	1250.2	1213.0	1169.3	1108.8	1054.9	1000.9	953.5	908.8
25°	1467.0	1443.7	1388.8	1334.9	1258.6	1180.5	1098.6	1028.8	961.9	899.5	844.7
27.5°	1639.1	1568.4	1470.7	1373.0	1261.4	1159.1	1056.8	974.0	895.8	827.9	767.4
30°	1847.5	1728.4	1578.6	1424.2	1266.1	1128.4	1005.6	908.8	818.6	747.0	683.7
32.5°	2042.8	1870.7	1674.4	1471.6	1276.3	1099.5	947.0	837.2	744.2	654.0	591.6
35°	2176.8	1953.5	1715.4	1476.3	1251.2	1044.7	873.5	744.2	651.2	567.4	494.0
37.5°	2256.8	1989.8	1717.2	1442.8	1192.6	970.2	780.5	652.1	566.5	486.5	428.8
40°	2307.0	1998.2	1693.0	1394.4	1118.1	876.3	687.4	572.1	494.0	429.8	385.1
42.5°	2331.2	1985.1	1654.0	1333.0	1042.8	792.6	622.3	513.5	445.6	400.0	366.5
45°	2334.9	1961.9	1612.1	1277.2	975.8	732.1	577.7	489.3	433.5	395.4	361.9
47.5°	2334.9	1941.4	1578.6	1236.3	932.1	706.1	574.0	499.5	444.7	401.9	361.9
50°	2336.8	1934.9	1564.7	1215.8	917.2	720.0	605.6	531.2	468.8	413.0	360.9
52.5°	2345.1	1943.3	1575.8	1231.6	944.2	775.8	665.1	578.6	500.5	426.0	360.9
55°	2363.7	1971.2	1623.3	1286.5	1016.8	860.5	736.7	629.8	525.6	431.6	355.4
57.5°	2415.8	2041.9	1709.8	1392.6	1140.5	958.1	801.9	666.1	534.9	427.0	344.2
60°	2520.0	2182.3	1857.7	1541.4	1271.6	1041.9	840.0	671.6	526.5	412.1	326.5
62.5°	2686.5	2343.3	2037.2	1703.3	1387.9	1088.4	844.7	657.7	504.2	385.1	300.5
63°	2744.2	2383.3	2075.4	1734.0	1402.8	1092.1	840.9	652.1	498.6	377.7	296.7
65°	2905.1	2551.6	2207.5	1841.9	1444.7	1093.0	820.5	624.2	472.6	348.8	270.7
67.5°	3205.6	2773.0	2374.0	1926.5	1459.5	1063.3	768.4	572.1	417.7	304.2	238.1
70°	3395.4	2896.8	2438.2	1928.4	1415.8	978.6	678.1	487.4	347.9	252.1	204.7
72.5°	3346.1	2774.9	2268.9	1754.4	1227.0	817.7	545.1	383.3	271.6	201.9	170.2
75°	2866.1	2309.8	1851.2	1359.1	927.4	600.9	399.1	273.5	200.9	158.1	142.3
77.5°	2063.3	1662.3	1327.4	968.4	625.1	388.8	265.1	195.4	152.6	130.2	117.2
80°	1314.4	974.9	812.1	582.3	365.6	240.9	182.3	147.9	125.6	108.8	100.5
82.5°	686.5	480.9	390.7	297.7	202.8	159.1	134.0	120.9	103.3	90.2	85.6
85°	427.9	283.7	210.2	147.0	101.4	91.2	83.7	81.9	73.5	65.1	62.3
87.5°	48.4	43.7	45.6	28.8	21.4	23.3	22.3	29.8	28.8	21.4	22.3
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: P181078

CATALOG NUMBER: ICM-E03-LED-E1-SLR

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8
2.5°	969.3	971.2	971.2	974.0	974.0	975.8	977.7	977.7	979.5	980.5	982.3
5°	958.1	958.1	958.1	961.9	962.8	968.4	970.2	972.1	974.0	980.5	984.2
7.5°	955.4	951.6	953.5	953.5	956.3	960.9	965.6	968.4	971.2	979.5	985.1
10°	960.9	958.1	955.4	955.4	956.3	958.1	961.9	964.7	966.5	974.9	979.5
12.5°	975.8	969.3	963.7	959.1	955.4	954.4	952.6	953.5	955.4	960.0	966.5
15°	978.6	966.5	954.4	942.3	933.0	927.4	922.8	920.9	920.9	923.7	931.2
17.5°	960.0	939.5	921.9	906.1	895.8	885.6	880.9	877.2	875.4	879.1	880.0
20°	920.0	895.8	871.6	853.0	834.4	831.6	824.2	826.1	827.9	833.5	836.3
22.5°	865.1	836.3	806.5	787.0	772.1	759.1	750.7	754.4	757.2	762.8	765.6
25°	798.1	756.3	724.7	705.1	689.3	678.1	668.8	672.6	668.8	675.4	685.6
27.5°	719.1	669.8	636.3	614.0	602.8	593.5	584.2	584.2	593.5	593.5	601.9
30°	623.3	587.0	543.3	520.0	506.0	500.5	499.5	497.7	504.2	507.9	517.2
32.5°	533.0	488.4	446.5	424.2	412.1	405.6	406.5	407.4	410.2	415.8	430.7
35°	441.9	402.8	373.0	347.9	335.8	323.7	323.7	321.9	324.7	331.2	348.8
37.5°	383.3	348.8	325.6	306.0	294.0	286.5	280.0	277.2	277.2	280.0	286.5
40°	350.7	325.6	304.2	287.4	276.3	269.8	266.0	263.3	261.4	261.4	262.3
42.5°	335.8	309.8	288.4	273.5	265.1	261.4	260.5	259.5	256.7	255.8	254.9
45°	328.4	298.6	274.4	262.3	255.8	254.0	254.9	254.9	254.0	252.1	248.4
47.5°	322.8	288.4	264.2	253.0	250.2	250.2	250.2	250.2	249.3	248.4	245.6
50°	313.5	272.6	246.5	238.1	236.3	236.3	237.2	237.2	239.1	237.2	235.4
52.5°	303.3	257.7	231.6	224.2	223.3	222.3	222.3	222.3	223.3	223.3	222.3
55°	292.1	246.5	224.2	218.6	219.5	218.6	217.7	216.7	216.7	215.8	214.0
57.5°	280.9	237.2	218.6	214.9	215.8	215.8	214.0	212.1	211.2	208.4	206.5
60°	264.2	224.2	207.4	205.6	208.4	208.4	208.4	207.4	207.4	206.5	201.9
62.5°	241.9	205.6	192.6	193.5	194.4	196.3	196.3	196.3	196.3	194.4	189.8
63°	237.2	201.9	189.8	189.8	192.6	192.6	193.5	192.6	193.5	191.6	186.0
65°	218.6	189.8	180.5	181.4	183.3	183.3	183.3	182.3	182.3	179.5	176.7
67.5°	197.2	174.9	169.3	170.2	171.2	173.0	172.1	172.1	173.0	171.2	168.4
70°	173.0	159.1	155.3	156.3	157.2	157.2	156.3	156.3	157.2	155.3	152.6
72.5°	154.4	148.8	146.0	146.0	144.2	144.2	142.3	141.4	140.5	140.5	137.7
75°	130.2	129.3	130.2	132.1	130.2	128.4	127.4	124.7	122.8	122.8	121.9
77.5°	111.6	111.6	113.5	116.3	117.2	117.2	114.4	109.8	108.8	108.8	108.8
80°	96.7	94.9	94.9	97.7	100.5	99.5	94.9	90.2	90.2	94.9	95.8
82.5°	84.7	84.7	81.9	82.8	81.9	80.9	76.3	73.5	72.6	76.3	80.0
85°	67.0	67.9	67.0	66.0	65.1	62.3	58.6	55.8	54.9	58.6	64.2
87.5°	27.0	26.0	25.1	26.0	25.1	27.0	26.0	24.2	23.3	26.0	31.6
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: P181078

CATALOG NUMBER: ICM-E03-LED-E1-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8
2.5°	983.3	985.1	987.0	987.0	988.8	987.9	988.8	989.8	989.8	990.7	990.7
5°	988.8	991.6	995.4	999.1	1000.0	1002.8	1005.6	1003.7	1006.5	1010.2	1010.2
7.5°	990.7	997.2	1000.0	1005.6	1006.5	1010.2	1016.8	1012.1	1017.7	1020.5	1021.4
10°	987.9	994.4	999.1	1005.6	1008.4	1014.9	1021.4	1019.5	1026.1	1030.7	1031.6
12.5°	971.2	977.7	987.9	997.2	1004.7	1014.9	1027.0	1023.3	1032.6	1038.1	1040.9
15°	938.6	945.1	956.3	971.2	985.1	1000.9	1016.8	1019.5	1028.8	1035.4	1038.1
17.5°	887.4	895.8	907.9	923.7	941.4	968.4	988.8	999.1	1012.1	1015.8	1020.5
20°	840.0	848.4	855.8	865.1	878.1	904.2	931.2	951.6	968.4	982.3	986.1
22.5°	776.7	784.2	793.5	800.9	810.2	828.8	851.2	874.4	900.5	908.8	918.1
25°	700.5	705.1	718.1	722.8	729.3	745.1	762.8	779.5	804.7	822.3	827.0
27.5°	618.6	623.3	635.4	638.1	646.5	661.4	674.4	680.9	704.2	722.8	737.7
30°	523.7	535.8	550.7	552.6	561.9	571.2	583.3	589.8	611.2	630.7	649.3
32.5°	441.9	454.0	466.0	473.5	478.1	485.6	497.7	504.2	524.7	542.3	560.9
35°	358.1	373.0	386.0	396.3	400.0	409.3	418.6	425.1	446.5	462.3	475.4
37.5°	294.9	306.0	320.0	330.2	340.5	347.0	358.1	367.4	380.5	388.8	402.8
40°	264.2	269.8	277.2	285.6	294.0	301.4	309.8	317.2	325.6	336.7	346.0
42.5°	254.0	254.9	254.9	257.7	262.3	266.0	273.5	279.1	284.7	293.0	297.7
45°	246.5	245.6	243.7	241.9	242.8	244.7	249.3	253.0	259.5	263.3	264.2
47.5°	242.8	239.1	235.4	232.6	231.6	232.6	236.3	240.0	243.7	246.5	247.4
50°	230.7	227.9	222.3	218.6	216.7	218.6	223.3	225.1	228.8	231.6	232.6
52.5°	218.6	214.9	211.2	207.4	207.4	208.4	212.1	215.8	219.5	220.5	222.3
55°	211.2	205.6	201.9	199.1	197.2	200.0	202.8	207.4	212.1	213.0	214.9
57.5°	203.7	198.1	194.4	191.6	189.8	192.6	195.4	201.9	207.4	207.4	207.4
60°	199.1	194.4	188.8	186.0	183.3	186.0	189.8	196.3	201.9	200.9	200.0
62.5°	186.0	181.4	178.6	178.6	175.8	180.5	184.2	191.6	192.6	190.7	188.8
63°	182.3	178.6	176.7	176.7	174.9	179.5	183.3	189.8	189.8	187.9	186.0
65°	173.0	170.2	168.4	170.2	170.2	174.9	175.8	180.5	179.5	176.7	175.8
67.5°	165.6	163.7	161.9	161.9	161.9	162.8	163.7	165.6	164.7	163.7	164.7
70°	153.5	152.6	150.7	150.7	149.8	149.8	149.8	150.7	150.7	151.6	152.6
72.5°	138.6	136.7	136.7	137.7	135.8	136.7	137.7	136.7	138.6	138.6	139.5
75°	121.9	120.9	122.8	124.7	123.7	123.7	124.7	124.7	125.6	125.6	126.5
77.5°	108.8	109.8	110.7	112.6	113.5	113.5	113.5	112.6	113.5	113.5	114.4
80°	96.7	98.6	100.5	102.3	103.3	103.3	103.3	102.3	102.3	102.3	102.3
82.5°	87.4	90.2	92.1	93.0	93.0	93.0	93.0	93.0	93.0	91.2	89.3
85°	73.5	79.1	79.1	80.0	77.2	75.3	73.5	74.4	75.3	71.6	70.7
87.5°	37.2	37.2	39.1	40.9	41.9	41.9	47.4	44.7	43.7	42.8	40.9
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: P181078

CATALOG NUMBER: ICM-E03-LED-E1-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8
2.5°	991.6	990.7	992.6	990.7	991.6	992.6	990.7	993.5	995.4	992.6	989.8
5°	1012.1	1012.1	1016.8	1018.6	1019.5	1025.1	1022.3	1024.2	1026.1	1025.1	1026.1
7.5°	1025.1	1028.8	1033.5	1038.1	1039.1	1043.7	1042.8	1045.6	1047.4	1052.1	1052.1
10°	1036.3	1040.9	1047.4	1052.1	1056.8	1060.5	1062.3	1067.9	1068.8	1072.6	1072.6
12.5°	1046.5	1052.1	1058.6	1066.1	1070.7	1078.1	1079.1	1087.4	1090.2	1091.2	1088.4
15°	1044.7	1051.2	1058.6	1067.0	1075.4	1084.7	1090.2	1098.6	1103.3	1105.1	1100.5
17.5°	1027.0	1032.6	1041.9	1053.0	1063.3	1075.4	1085.6	1097.7	1105.1	1107.0	1106.1
20°	992.6	996.3	1008.4	1023.3	1035.4	1054.0	1068.8	1087.4	1099.5	1108.8	1111.6
22.5°	924.7	934.0	946.1	962.8	980.5	1003.7	1025.1	1052.1	1078.1	1100.5	1122.8
25°	842.8	859.5	878.1	900.5	921.9	946.1	970.2	1000.9	1039.1	1085.6	1138.6
27.5°	760.0	788.8	812.1	840.9	866.1	890.2	917.2	950.7	992.6	1048.4	1116.3
30°	676.3	708.8	734.0	767.4	800.9	833.5	860.5	895.8	936.7	993.5	1067.9
32.5°	587.0	619.5	649.3	680.0	717.2	756.3	788.8	832.6	876.3	934.9	1010.2
35°	494.9	523.7	548.8	581.4	622.3	664.2	707.0	757.2	804.7	866.1	946.1
37.5°	414.9	435.4	459.5	488.4	520.0	564.7	613.0	672.6	726.5	793.5	875.4
40°	348.8	360.0	374.0	398.1	427.0	470.7	518.1	581.4	646.5	720.0	799.1
42.5°	297.7	303.3	307.0	322.8	346.0	388.8	434.4	495.8	567.4	647.4	727.4
45°	264.2	267.0	267.9	276.3	293.0	330.2	377.7	429.8	498.6	576.7	660.5
47.5°	248.4	251.2	253.0	254.9	265.1	294.0	336.7	386.0	449.3	520.9	606.5
50°	235.4	238.1	240.9	240.0	244.7	263.3	299.5	345.1	404.7	470.7	555.4
52.5°	222.3	224.2	224.2	224.2	227.0	239.1	265.1	307.0	361.9	424.2	507.9
55°	214.9	216.7	217.7	218.6	219.5	226.0	245.6	279.1	326.5	384.2	459.5
57.5°	207.4	208.4	210.2	211.2	213.0	216.7	228.8	253.0	293.0	341.4	404.7
60°	200.9	202.8	206.5	207.4	209.3	210.2	215.8	230.7	256.7	294.0	345.1
62.5°	190.7	193.5	197.2	198.1	200.0	200.9	201.9	210.2	222.3	244.7	282.8
63°	187.9	190.7	195.4	196.3	197.2	197.2	198.1	203.7	214.9	234.4	262.3
65°	177.7	181.4	184.2	185.1	186.0	186.0	185.1	187.0	187.9	196.3	213.0
67.5°	166.5	169.3	171.2	172.1	171.2	172.1	171.2	169.3	167.4	169.3	176.7
70°	155.3	157.2	157.2	158.1	159.1	160.0	158.1	156.3	154.4	153.5	158.1
72.5°	142.3	144.2	144.2	145.1	145.1	147.0	147.0	146.0	146.0	147.0	147.9
75°	129.3	131.2	130.2	132.1	132.1	134.9	134.9	135.8	137.7	136.7	135.8
77.5°	117.2	118.1	118.1	119.1	120.0	124.7	127.4	128.4	128.4	126.5	124.7
80°	104.2	104.2	102.3	101.4	102.3	107.0	112.6	113.5	116.3	115.3	116.3
82.5°	87.4	83.7	80.9	80.9	82.8	85.6	87.4	89.3	91.2	91.2	93.0
85°	67.0	63.3	60.5	61.4	64.2	65.1	64.2	64.2	67.9	70.7	67.9
87.5°	40.0	36.3	34.4	31.6	32.6	35.3	34.4	31.6	32.6	26.0	24.2
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: P181078

CATALOG NUMBER: ICM-E03-LED-E1-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8
2.5°	991.6	990.7	988.8	986.1	985.1	983.3	984.2	981.4	979.5	977.7	974.9
5°	1026.1	1026.1	1020.5	1020.5	1017.7	1016.8	1010.2	1007.4	1001.9	1003.7	997.2
7.5°	1050.2	1053.0	1046.5	1045.6	1041.9	1040.9	1032.6	1029.8	1025.1	1023.3	1017.7
10°	1067.9	1067.9	1059.5	1053.0	1048.4	1043.7	1035.4	1031.6	1027.9	1028.8	1025.1
12.5°	1081.9	1075.4	1063.3	1054.0	1047.4	1042.8	1036.3	1033.5	1032.6	1039.1	1040.0
15°	1093.0	1083.7	1068.8	1062.3	1056.8	1055.8	1055.8	1058.6	1065.1	1077.2	1086.5
17.5°	1099.5	1094.0	1086.5	1084.7	1094.0	1099.5	1107.0	1115.4	1124.7	1141.4	1151.6
20°	1111.6	1115.4	1120.9	1128.4	1143.3	1157.2	1166.5	1178.6	1189.8	1210.2	1227.0
22.5°	1143.3	1164.7	1182.3	1197.2	1219.5	1239.1	1251.2	1267.9	1276.3	1290.2	1316.3
25°	1184.2	1227.9	1265.1	1296.8	1331.2	1351.6	1368.4	1389.8	1402.8	1426.1	1449.3
27.5°	1172.1	1234.4	1290.2	1348.8	1396.3	1449.3	1486.5	1521.9	1544.2	1578.6	1609.3
30°	1134.9	1209.3	1284.7	1361.9	1437.2	1513.5	1584.2	1648.4	1697.7	1747.0	1797.2
32.5°	1084.7	1170.2	1262.3	1357.2	1455.8	1561.9	1659.5	1756.3	1838.2	1909.8	1979.5
35°	1027.0	1123.7	1219.5	1336.8	1458.6	1593.5	1729.3	1863.3	1987.9	2114.4	2200.0
37.5°	958.1	1056.8	1163.7	1298.6	1441.9	1608.4	1781.4	1956.3	2133.0	2303.3	2451.2
40°	884.7	985.1	1097.7	1243.7	1405.6	1599.1	1814.9	2050.2	2293.0	2539.6	2735.8
42.5°	819.5	922.8	1045.6	1193.5	1369.3	1587.0	1841.9	2131.2	2427.9	2733.0	3021.4
45°	756.3	869.8	999.1	1158.1	1353.5	1596.3	1881.9	2206.5	2548.9	2919.1	3270.7
47.5°	699.5	814.9	940.5	1114.4	1330.2	1600.9	1920.9	2281.9	2663.3	3064.2	3481.9
50°	648.4	760.0	883.7	1058.6	1294.0	1598.1	1956.3	2349.8	2761.9	3178.6	3644.7
52.5°	598.1	711.6	838.1	1004.7	1249.3	1582.3	1973.0	2405.6	2853.0	3294.0	3775.8
55°	548.8	660.5	787.9	953.5	1190.7	1541.4	1971.2	2441.9	2925.6	3402.8	3902.3
57.5°	491.2	597.2	721.9	896.7	1128.4	1478.1	1943.3	2458.6	2987.9	3510.7	4054.0
60°	419.5	519.1	639.1	814.0	1046.5	1397.2	1884.7	2449.3	3024.2	3590.7	4183.3
62.5°	331.2	417.7	527.4	698.6	944.2	1280.9	1774.9	2364.7	2966.5	3579.6	4243.7
63°	312.6	394.4	501.4	670.7	900.5	1249.3	1742.3	2331.2	2938.6	3556.3	4235.4
65°	251.2	304.2	389.8	541.4	753.5	1094.0	1580.5	2159.1	2788.9	3392.6	4114.4
67.5°	192.6	219.5	265.1	371.2	533.0	860.5	1280.0	1829.8	2420.5	2987.9	3724.7
70°	164.7	176.7	196.3	246.5	338.6	543.3	898.6	1364.7	1876.3	2368.4	3030.7
72.5°	149.8	155.3	165.6	187.0	232.6	325.6	573.0	888.4	1276.3	1688.4	2200.0
75°	137.7	142.3	150.7	161.9	178.6	216.7	326.5	543.3	829.8	1108.8	1484.7
77.5°	125.6	128.4	137.7	147.9	159.1	178.6	215.8	312.6	477.2	654.0	894.9
80°	115.3	113.5	120.0	136.7	147.9	159.1	170.2	202.8	271.6	358.1	483.7
82.5°	92.1	94.0	99.5	116.3	120.9	118.1	120.0	125.6	151.6	165.6	247.4
85°	62.3	57.7	56.7	58.6	58.6	55.8	55.8	54.9	60.5	68.8	118.1
87.5°	16.7	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: P181078
 CATALOG NUMBER: ICM-E03-LED-E1-SLR

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	0°
2.5°	973.0	972.1	973.0	968.4	968.4	967.4	966.5	964.7	964.7	960.9	963.7	2.5°
5°	991.6	989.8	986.1	980.5	977.7	974.0	974.0	970.2	967.4	963.7	964.7	5°
7.5°	1013.0	1014.0	1007.4	1002.8	1000.9	997.2	998.1	992.6	993.5	990.7	988.8	7.5°
10°	1025.1	1025.1	1027.0	1026.1	1027.9	1027.9	1030.7	1027.0	1025.1	1022.3	1022.3	10°
12.5°	1044.7	1048.4	1055.8	1055.8	1061.4	1063.3	1064.2	1066.1	1062.3	1060.5	1054.0	12.5°
15°	1093.0	1102.3	1108.8	1118.1	1129.3	1133.0	1133.0	1129.3	1127.4	1124.7	1112.6	15°
17.5°	1173.0	1193.5	1199.1	1214.0	1215.8	1220.5	1233.5	1226.1	1221.4	1201.9	1198.1	17.5°
20°	1254.9	1280.9	1307.0	1325.6	1334.9	1353.5	1356.3	1352.6	1334.0	1315.4	1307.0	20°
22.5°	1353.5	1392.6	1422.3	1451.2	1465.1	1474.4	1494.9	1490.2	1475.4	1447.5	1436.3	22.5°
25°	1493.0	1541.4	1573.0	1608.4	1627.0	1636.3	1656.8	1656.8	1640.9	1632.6	1631.6	25°
27.5°	1668.8	1728.4	1780.5	1792.6	1840.9	1852.1	1871.6	1871.6	1856.8	1846.5	1895.8	27.5°
30°	1864.2	1926.5	2016.8	2077.2	2135.8	2193.5	2192.6	2196.3	2214.0	2223.3	2244.7	30°
32.5°	2059.5	2136.8	2232.6	2363.7	2489.3	2596.3	2734.9	2823.3	2796.3	2720.9	2691.2	32.5°
35°	2296.8	2382.3	2498.6	2630.7	2860.5	2999.1	3066.1	3113.5	3119.1	3129.3	3150.7	35°
37.5°	2560.9	2704.2	2839.1	2988.9	3116.3	3284.7	3440.0	3564.7	3593.5	3652.1	3618.6	37.5°
40°	2894.9	3054.9	3196.3	3389.8	3561.0	3763.7	3986.1	4157.2	4226.1	4203.7	4036.3	40°
42.5°	3244.7	3442.8	3608.4	3836.3	4058.6	4326.5	4556.3	4795.4	4838.2	4666.1	4415.8	42.5°
45°	3566.5	3812.1	4017.7	4254.9	4526.5	4847.5	5154.5	5400.0	5391.7	5096.8	4761.9	45°
47.5°	3855.8	4157.2	4408.4	4717.2	5009.3	5391.7	5744.2	5925.6	5818.6	5469.8	5059.6	47.5°
50°	4094.9	4470.7	4780.5	5093.1	5464.2	5924.7	6264.2	6366.6	6160.0	5780.5	5348.9	50°
52.5°	4287.5	4759.1	5107.0	5467.0	5935.9	6420.5	6712.6	6674.5	6407.5	6017.7	5587.9	52.5°
55°	4450.3	4979.6	5394.5	5819.6	6401.0	6847.5	7041.9	6939.6	6566.6	6171.2	5751.7	55°
57.5°	4618.6	5193.5	5658.6	6151.7	6799.1	7182.4	7290.3	7080.0	6641.9	6229.8	5822.4	57.5°
60°	4787.0	5372.1	5892.1	6441.9	7100.5	7455.9	7426.1	7111.7	6619.6	6187.0	5774.9	60°
62.5°	4900.5	5478.2	6027.9	6620.5	7326.6	7595.4	7413.1	6999.1	6490.3	6018.6	5633.5	62.5°
63°	4903.3	5481.9	6036.3	6632.6	7351.7	7600.0	7388.0	6959.1	6449.3	5984.2	5591.7	63°
65°	4844.7	5412.1	5961.9	6577.7	7330.3	7493.1	7171.2	6722.8	6215.9	5746.1	5374.0	65°
67.5°	4545.1	5123.8	5609.3	6189.8	6947.0	6993.5	6590.7	6228.9	5773.1	5286.5	4897.7	67.5°
70°	3941.4	4422.4	4898.6	5383.3	6018.6	6010.3	5631.7	5447.5	5048.4	4494.0	4182.4	70°
72.5°	3134.9	3566.5	3901.4	4226.1	4644.7	4560.0	4316.3	4367.5	4108.9	3694.9	3509.8	72.5°
75°	2327.5	2801.9	2965.6	3097.7	3274.4	3275.4	3342.3	3487.5	3483.7	3254.0	3020.5	75°
77.5°	1526.5	2045.6	2100.5	2206.5	2418.6	2707.0	3004.7	3324.7	3404.7	3223.3	2878.2	77.5°
80°	851.2	1390.7	1327.4	1418.6	1647.5	2039.1	2478.2	2831.6	3040.0	2938.6	2573.0	80°
82.5°	435.4	801.9	766.5	893.0	1078.1	1418.6	1708.8	1980.5	2226.1	2212.1	2073.5	82.5°
85°	226.0	439.1	499.5	565.6	658.6	780.5	890.2	969.3	1071.6	1252.1	1313.5	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.9	0.0	67.0	48.4	133.0	189.8	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: P181078

NUMBER: ICM-E03-LED-E1-SLR

DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
975.8	975.8	975.8	975.8	975.8	975.8	975.8
964.7	965.6	963.7	963.7	964.7	964.7	962.8
962.8	962.8	960.9	959.1	957.2	957.2	955.4
984.2	984.2	977.7	974.9	970.2	966.5	964.7
1015.8	1010.2	1002.8	997.2	989.8	981.4	976.8
1047.4	1039.1	1029.8	1021.4	1012.1	1002.8	998.1
1099.5	1088.4	1076.3	1066.1	1053.0	1039.1	1033.5
1179.5	1161.9	1146.1	1131.2	1107.9	1097.7	1086.5
1285.6	1259.5	1239.1	1214.0	1185.1	1175.8	1161.9
1414.0	1391.6	1350.7	1332.1	1303.3	1289.3	1292.1
1609.3	1580.5	1533.0	1515.4	1512.6	1481.9	1467.0
1864.2	1866.1	1822.3	1774.9	1748.8	1700.5	1639.1
2227.0	2201.9	2150.7	2102.3	2040.9	1949.8	1847.5
2666.1	2610.2	2525.6	2435.4	2326.5	2186.1	2042.8
3094.9	2997.2	2862.3	2711.6	2554.4	2379.5	2176.8
3471.6	3320.0	3118.2	2945.1	2722.8	2504.2	2256.8
3815.8	3627.9	3367.5	3143.3	2880.9	2600.0	2307.0
4148.9	3910.7	3591.6	3288.4	2991.6	2664.2	2331.2
4466.1	4159.1	3780.5	3419.6	3072.6	2706.1	2334.9
4709.8	4374.9	3949.8	3514.4	3128.4	2737.7	2334.9
4935.8	4557.2	4079.1	3588.9	3180.5	2759.1	2336.8
5111.7	4685.6	4162.8	3641.9	3221.4	2774.9	2345.1
5239.1	4769.3	4218.6	3674.4	3251.2	2797.2	2363.7
5328.4	4824.2	4249.3	3703.3	3287.5	2836.3	2415.8
5371.2	4925.6	4300.5	3761.0	3349.8	2919.1	2520.0
5338.6	5082.8	4446.5	3858.6	3436.3	3048.4	2686.5
5324.7	5111.7	4486.5	3880.0	3455.8	3076.3	2744.2
5215.8	5140.5	4651.2	3987.9	3548.9	3200.0	2905.1
4878.2	5027.0	4789.8	4170.3	3748.9	3500.5	3205.6
4441.0	4858.6	4764.7	4193.5	3876.3	3747.0	3395.4
3917.2	4349.8	4262.4	3883.7	3735.8	3749.8	3346.1
3082.8	3407.5	3349.8	3216.8	3246.5	3348.9	2866.1
2469.8	2426.1	2293.0	2302.3	2474.4	2594.4	2063.3
2017.7	1633.5	1460.5	1465.1	1765.6	1890.2	1314.4
1920.0	1545.1	1258.6	1099.5	1284.7	1237.2	686.5
1367.5	1370.2	1136.8	923.7	894.9	760.9	427.9
323.7	259.5	185.1	137.7	145.1	95.8	48.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)