

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: P180978

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

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180978
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-SLL
Description: ICON SITE MEDIUM 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: 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

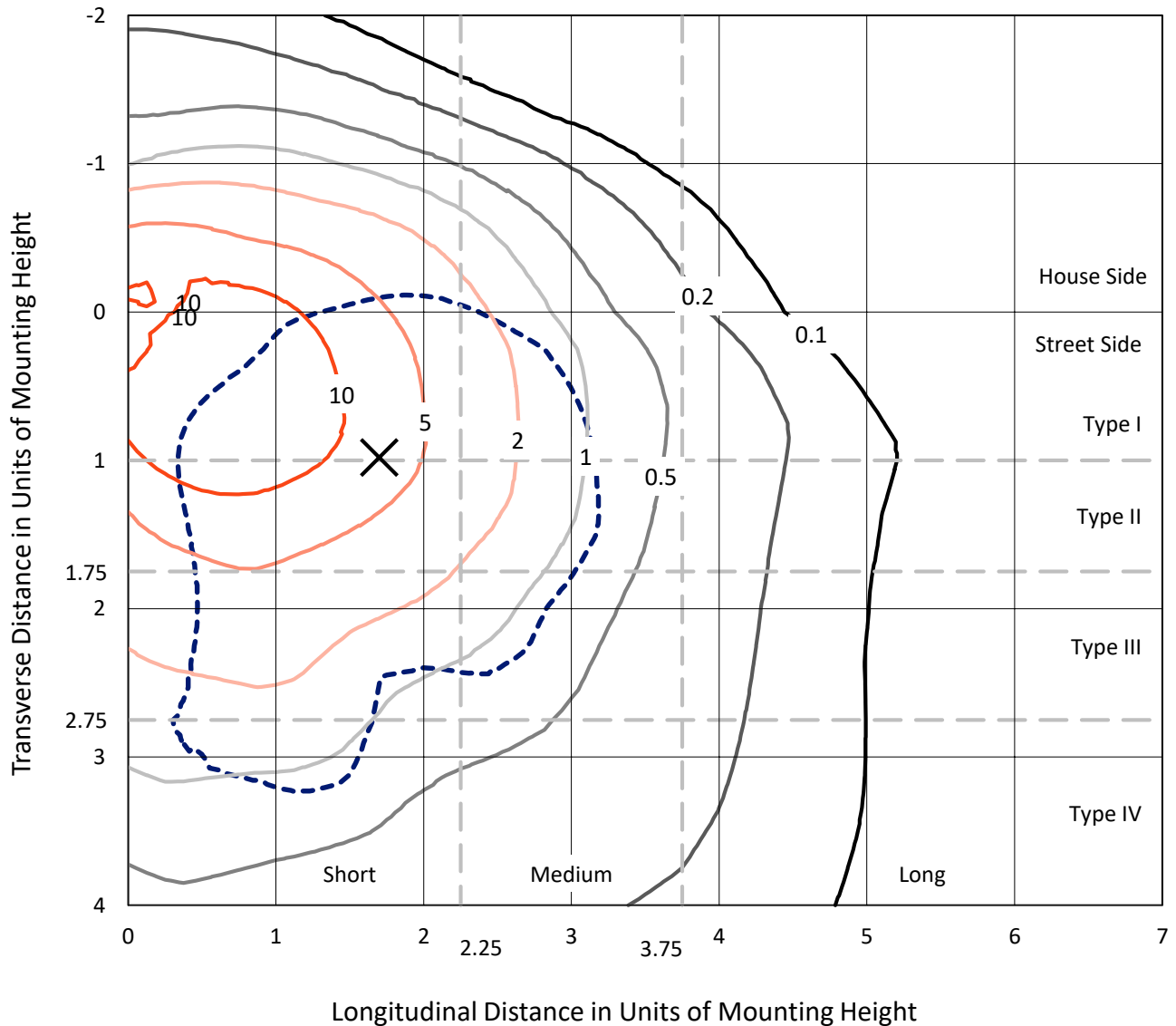
Input Watts (W): 75.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

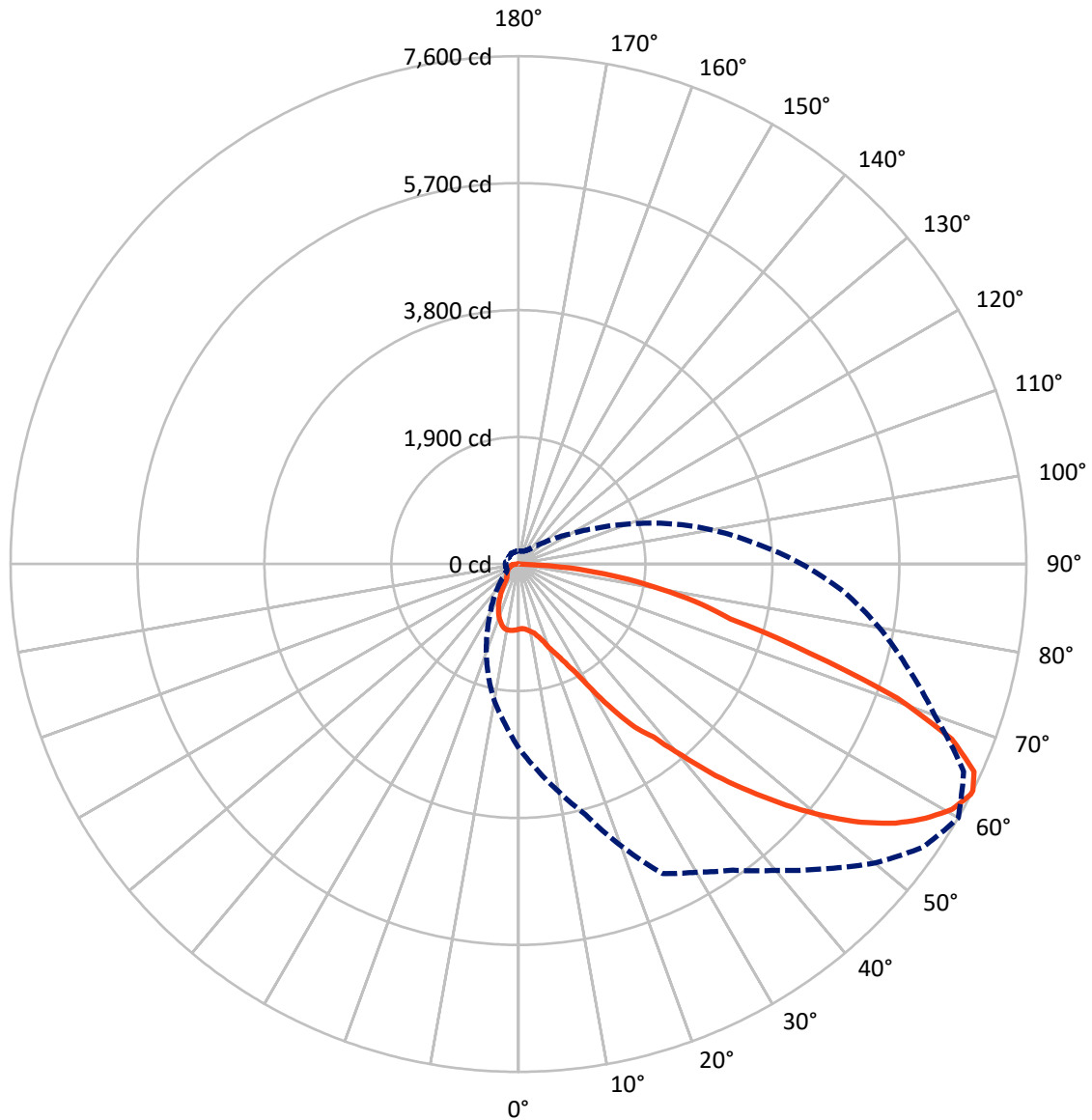
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 19.3 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	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



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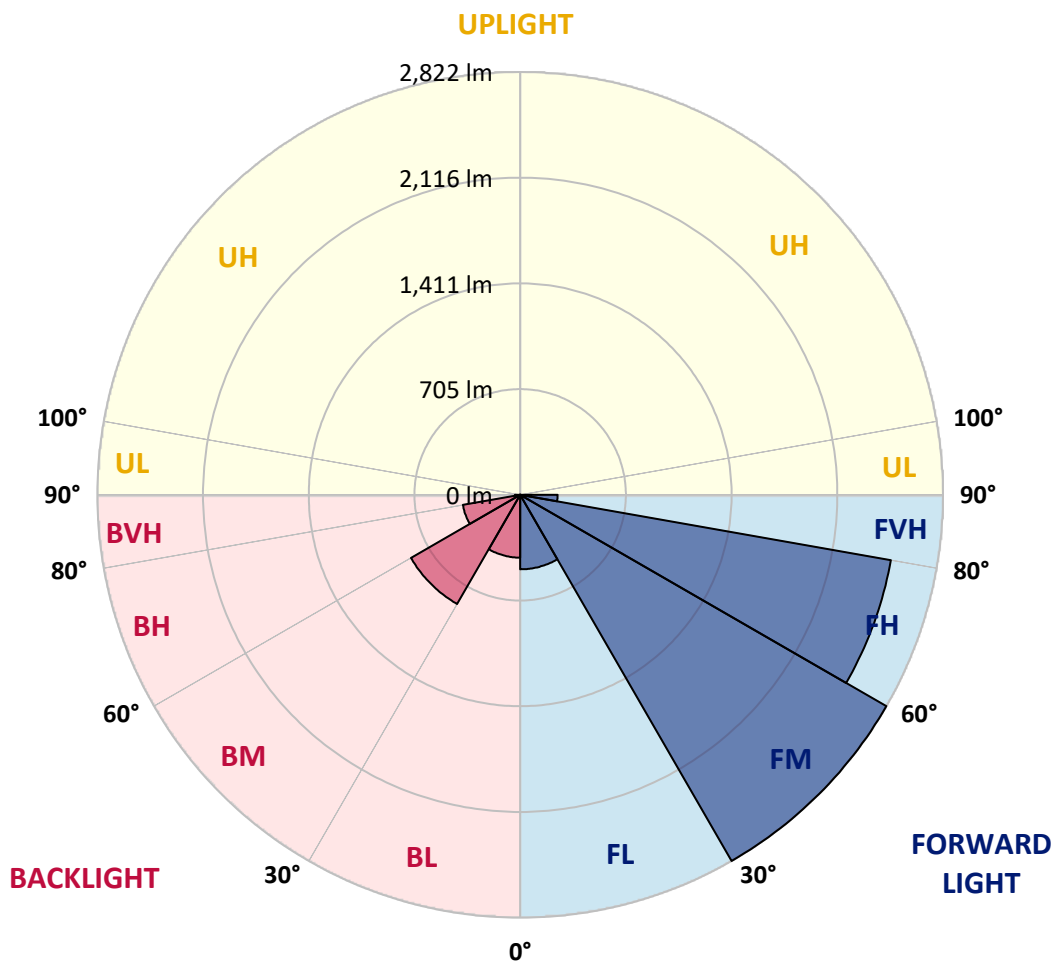
CATALOG NUMBER: ICM-E03-LED-E1-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	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





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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	964.7	964.7	963.7	963.7	965.6	964.7	963.7	960.9	964.7	964.7
5°	955.4	957.2	957.2	959.1	960.9	962.8	962.8	964.7	963.7	967.4	970.2
7.5°	964.7	966.5	970.2	974.9	977.7	984.2	984.2	988.8	990.7	993.5	992.6
10°	976.8	981.4	989.8	997.2	1002.8	1010.2	1015.8	1022.3	1022.3	1025.1	1027.0
12.5°	998.1	1002.8	1012.1	1021.4	1029.8	1039.1	1047.4	1054.0	1060.5	1062.3	1066.1
15°	1033.5	1039.1	1053.0	1066.1	1076.3	1088.4	1099.5	1112.6	1124.7	1127.4	1129.3
17.5°	1086.5	1097.7	1107.9	1131.2	1146.1	1161.9	1179.5	1198.1	1201.9	1221.4	1226.1
20°	1161.9	1175.8	1185.1	1214.0	1239.1	1259.5	1285.6	1307.0	1315.4	1334.0	1352.6
22.5°	1292.1	1289.3	1303.3	1332.1	1350.7	1391.6	1414.0	1436.3	1447.5	1475.4	1490.2
25°	1467.0	1481.9	1512.6	1515.4	1533.0	1580.5	1609.3	1631.6	1632.6	1640.9	1656.8
27.5°	1639.1	1700.5	1748.8	1774.9	1822.3	1866.1	1864.2	1895.8	1846.5	1856.8	1871.6
30°	1847.5	1949.8	2040.9	2102.3	2150.7	2201.9	2227.0	2244.7	2223.3	2214.0	2196.3
32.5°	2042.8	2186.1	2326.5	2435.4	2525.6	2610.2	2666.1	2691.2	2720.9	2796.3	2823.3
35°	2176.8	2379.5	2554.4	2711.6	2862.3	2997.2	3094.9	3150.7	3129.3	3119.1	3113.5
37.5°	2256.8	2504.2	2722.8	2945.1	3118.2	3320.0	3471.6	3618.6	3652.1	3593.5	3564.7
40°	2307.0	2600.0	2880.9	3143.3	3367.5	3627.9	3815.8	4036.3	4203.7	4226.1	4157.2
42.5°	2331.2	2664.2	2991.6	3288.4	3591.6	3910.7	4148.9	4415.8	4666.1	4838.2	4795.4
45°	2334.9	2706.1	3072.6	3419.6	3780.5	4159.1	4466.1	4761.9	5096.8	5391.7	5400.0
47.5°	2334.9	2737.7	3128.4	3514.4	3949.8	4374.9	4709.8	5059.6	5469.8	5818.6	5925.6
50°	2336.8	2759.1	3180.5	3588.9	4079.1	4557.2	4935.8	5348.9	5780.5	6160.0	6366.6
52.5°	2345.1	2774.9	3221.4	3641.9	4162.8	4685.6	5111.7	5587.9	6017.7	6407.5	6674.5
55°	2363.7	2797.2	3251.2	3674.4	4218.6	4769.3	5239.1	5751.7	6171.2	6566.6	6939.6
57.5°	2415.8	2836.3	3287.5	3703.3	4249.3	4824.2	5328.4	5822.4	6229.8	6641.9	7080.0
60°	2520.0	2919.1	3349.8	3761.0	4300.5	4925.6	5371.2	5774.9	6187.0	6619.6	7111.7
62.5°	2686.5	3048.4	3436.3	3858.6	4446.5	5082.8	5338.6	5633.5	6018.6	6490.3	6999.1
63°	2744.2	3076.3	3455.8	3880.0	4486.5	5111.7	5324.7	5591.7	5984.2	6449.3	6959.1
65°	2905.1	3200.0	3548.9	3987.9	4651.2	5140.5	5215.8	5374.0	5746.1	6215.9	6722.8
67.5°	3205.6	3500.5	3748.9	4170.3	4789.8	5027.0	4878.2	4897.7	5286.5	5773.1	6228.9
70°	3395.4	3747.0	3876.3	4193.5	4764.7	4858.6	4441.0	4182.4	4494.0	5048.4	5447.5
72.5°	3346.1	3749.8	3735.8	3883.7	4262.4	4349.8	3917.2	3509.8	3694.9	4108.9	4367.5
75°	2866.1	3348.9	3246.5	3216.8	3349.8	3407.5	3082.8	3020.5	3254.0	3483.7	3487.5
77.5°	2063.3	2594.4	2474.4	2302.3	2293.0	2426.1	2469.8	2878.2	3223.3	3404.7	3324.7
80°	1314.4	1890.2	1765.6	1465.1	1460.5	1633.5	2017.7	2573.0	2938.6	3040.0	2831.6
82.5°	686.5	1237.2	1284.7	1099.5	1258.6	1545.1	1920.0	2073.5	2212.1	2226.1	1980.5
85°	427.9	760.9	894.9	923.7	1136.8	1370.2	1367.5	1313.5	1252.1	1071.6	969.3
87.5°	48.4	95.8	145.1	137.7	185.1	259.5	323.7	189.8	133.0	48.4	67.0
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):

	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°	966.5	967.4	968.4	968.4	973.0	972.1	973.0	974.9	977.7	979.5	981.4
5°	974.0	974.0	977.7	980.5	986.1	989.8	991.6	997.2	1003.7	1001.9	1007.4
7.5°	998.1	997.2	1000.9	1002.8	1007.4	1014.0	1013.0	1017.7	1023.3	1025.1	1029.8
10°	1030.7	1027.9	1027.9	1026.1	1027.0	1025.1	1025.1	1025.1	1028.8	1027.9	1031.6
12.5°	1064.2	1063.3	1061.4	1055.8	1055.8	1048.4	1044.7	1040.0	1039.1	1032.6	1033.5
15°	1133.0	1133.0	1129.3	1118.1	1108.8	1102.3	1093.0	1086.5	1077.2	1065.1	1058.6
17.5°	1233.5	1220.5	1215.8	1214.0	1199.1	1193.5	1173.0	1151.6	1141.4	1124.7	1115.4
20°	1356.3	1353.5	1334.9	1325.6	1307.0	1280.9	1254.9	1227.0	1210.2	1189.8	1178.6
22.5°	1494.9	1474.4	1465.1	1451.2	1422.3	1392.6	1353.5	1316.3	1290.2	1276.3	1267.9
25°	1656.8	1636.3	1627.0	1608.4	1573.0	1541.4	1493.0	1449.3	1426.1	1402.8	1389.8
27.5°	1871.6	1852.1	1840.9	1792.6	1780.5	1728.4	1668.8	1609.3	1578.6	1544.2	1521.9
30°	2192.6	2193.5	2135.8	2077.2	2016.8	1926.5	1864.2	1797.2	1747.0	1697.7	1648.4
32.5°	2734.9	2596.3	2489.3	2363.7	2232.6	2136.8	2059.5	1979.5	1909.8	1838.2	1756.3
35°	3066.1	2999.1	2860.5	2630.7	2498.6	2382.3	2296.8	2200.0	2114.4	1987.9	1863.3
37.5°	3440.0	3284.7	3116.3	2988.9	2839.1	2704.2	2560.9	2451.2	2303.3	2133.0	1956.3
40°	3986.1	3763.7	3561.0	3389.8	3196.3	3054.9	2894.9	2735.8	2539.6	2293.0	2050.2
42.5°	4556.3	4326.5	4058.6	3836.3	3608.4	3442.8	3244.7	3021.4	2733.0	2427.9	2131.2
45°	5154.5	4847.5	4526.5	4254.9	4017.7	3812.1	3566.5	3270.7	2919.1	2548.9	2206.5
47.5°	5744.2	5391.7	5009.3	4717.2	4408.4	4157.2	3855.8	3481.9	3064.2	2663.3	2281.9
50°	6264.2	5924.7	5464.2	5093.1	4780.5	4470.7	4094.9	3644.7	3178.6	2761.9	2349.8
52.5°	6712.6	6420.5	5935.9	5467.0	5107.0	4759.1	4287.5	3775.8	3294.0	2853.0	2405.6
55°	7041.9	6847.5	6401.0	5819.6	5394.5	4979.6	4450.3	3902.3	3402.8	2925.6	2441.9
57.5°	7290.3	7182.4	6799.1	6151.7	5658.6	5193.5	4618.6	4054.0	3510.7	2987.9	2458.6
60°	7426.1	7455.9	7100.5	6441.9	5892.1	5372.1	4787.0	4183.3	3590.7	3024.2	2449.3
62.5°	7413.1	7595.4	7326.6	6620.5	6027.9	5478.2	4900.5	4243.7	3579.6	2966.5	2364.7
63°	7388.0	7600.0	7351.7	6632.6	6036.3	5481.9	4903.3	4235.4	3556.3	2938.6	2331.2
65°	7171.2	7493.1	7330.3	6577.7	5961.9	5412.1	4844.7	4114.4	3392.6	2788.9	2159.1
67.5°	6590.7	6993.5	6947.0	6189.8	5609.3	5123.8	4545.1	3724.7	2987.9	2420.5	1829.8
70°	5631.7	6010.3	6018.6	5383.3	4898.6	4422.4	3941.4	3030.7	2368.4	1876.3	1364.7
72.5°	4316.3	4560.0	4644.7	4226.1	3901.4	3566.5	3134.9	2200.0	1688.4	1276.3	888.4
75°	3342.3	3275.4	3274.4	3097.7	2965.6	2801.9	2327.5	1484.7	1108.8	829.8	543.3
77.5°	3004.7	2707.0	2418.6	2206.5	2100.5	2045.6	1526.5	894.9	654.0	477.2	312.6
80°	2478.2	2039.1	1647.5	1418.6	1327.4	1390.7	851.2	483.7	358.1	271.6	202.8
82.5°	1708.8	1418.6	1078.1	893.0	766.5	801.9	435.4	247.4	165.6	151.6	125.6
85°	890.2	780.5	658.6	565.6	499.5	439.1	226.0	118.1	68.8	60.5	54.9
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°	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8
2.5°	984.2	983.3	985.1	986.1	988.8	990.7	991.6	989.8	992.6	995.4	993.5
5°	1010.2	1016.8	1017.7	1020.5	1020.5	1026.1	1026.1	1026.1	1025.1	1026.1	1024.2
7.5°	1032.6	1040.9	1041.9	1045.6	1046.5	1053.0	1050.2	1052.1	1052.1	1047.4	1045.6
10°	1035.4	1043.7	1048.4	1053.0	1059.5	1067.9	1067.9	1072.6	1072.6	1068.8	1067.9
12.5°	1036.3	1042.8	1047.4	1054.0	1063.3	1075.4	1081.9	1088.4	1091.2	1090.2	1087.4
15°	1055.8	1055.8	1056.8	1062.3	1068.8	1083.7	1093.0	1100.5	1105.1	1103.3	1098.6
17.5°	1107.0	1099.5	1094.0	1084.7	1086.5	1094.0	1099.5	1106.1	1107.0	1105.1	1097.7
20°	1166.5	1157.2	1143.3	1128.4	1120.9	1115.4	1111.6	1111.6	1108.8	1099.5	1087.4
22.5°	1251.2	1239.1	1219.5	1197.2	1182.3	1164.7	1143.3	1122.8	1100.5	1078.1	1052.1
25°	1368.4	1351.6	1331.2	1296.8	1265.1	1227.9	1184.2	1138.6	1085.6	1039.1	1000.9
27.5°	1486.5	1449.3	1396.3	1348.8	1290.2	1234.4	1172.1	1116.3	1048.4	992.6	950.7
30°	1584.2	1513.5	1437.2	1361.9	1284.7	1209.3	1134.9	1067.9	993.5	936.7	895.8
32.5°	1659.5	1561.9	1455.8	1357.2	1262.3	1170.2	1084.7	1010.2	934.9	876.3	832.6
35°	1729.3	1593.5	1458.6	1336.8	1219.5	1123.7	1027.0	946.1	866.1	804.7	757.2
37.5°	1781.4	1608.4	1441.9	1298.6	1163.7	1056.8	958.1	875.4	793.5	726.5	672.6
40°	1814.9	1599.1	1405.6	1243.7	1097.7	985.1	884.7	799.1	720.0	646.5	581.4
42.5°	1841.9	1587.0	1369.3	1193.5	1045.6	922.8	819.5	727.4	647.4	567.4	495.8
45°	1881.9	1596.3	1353.5	1158.1	999.1	869.8	756.3	660.5	576.7	498.6	429.8
47.5°	1920.9	1600.9	1330.2	1114.4	940.5	814.9	699.5	606.5	520.9	449.3	386.0
50°	1956.3	1598.1	1294.0	1058.6	883.7	760.0	648.4	555.4	470.7	404.7	345.1
52.5°	1973.0	1582.3	1249.3	1004.7	838.1	711.6	598.1	507.9	424.2	361.9	307.0
55°	1971.2	1541.4	1190.7	953.5	787.9	660.5	548.8	459.5	384.2	326.5	279.1
57.5°	1943.3	1478.1	1128.4	896.7	721.9	597.2	491.2	404.7	341.4	293.0	253.0
60°	1884.7	1397.2	1046.5	814.0	639.1	519.1	419.5	345.1	294.0	256.7	230.7
62.5°	1774.9	1280.9	944.2	698.6	527.4	417.7	331.2	282.8	244.7	222.3	210.2
63°	1742.3	1249.3	900.5	670.7	501.4	394.4	312.6	262.3	234.4	214.9	203.7
65°	1580.5	1094.0	753.5	541.4	389.8	304.2	251.2	213.0	196.3	187.9	187.0
67.5°	1280.0	860.5	533.0	371.2	265.1	219.5	192.6	176.7	169.3	167.4	169.3
70°	898.6	543.3	338.6	246.5	196.3	176.7	164.7	158.1	153.5	154.4	156.3
72.5°	573.0	325.6	232.6	187.0	165.6	155.3	149.8	147.9	147.0	146.0	146.0
75°	326.5	216.7	178.6	161.9	150.7	142.3	137.7	135.8	136.7	137.7	135.8
77.5°	215.8	178.6	159.1	147.9	137.7	128.4	125.6	124.7	126.5	128.4	128.4
80°	170.2	159.1	147.9	136.7	120.0	113.5	115.3	116.3	115.3	116.3	113.5
82.5°	120.0	118.1	120.9	116.3	99.5	94.0	92.1	93.0	91.2	91.2	89.3
85°	55.8	55.8	58.6	58.6	56.7	57.7	62.3	67.9	70.7	67.9	64.2
87.5°	0.0	0.0	0.0	0.0	0.0	8.4	16.7	24.2	26.0	32.6	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: P180978

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

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°	990.7	992.6	991.6	990.7	992.6	990.7	991.6	990.7	990.7	989.8	989.8
5°	1022.3	1025.1	1019.5	1018.6	1016.8	1012.1	1012.1	1010.2	1010.2	1006.5	1003.7
7.5°	1042.8	1043.7	1039.1	1038.1	1033.5	1028.8	1025.1	1021.4	1020.5	1017.7	1012.1
10°	1062.3	1060.5	1056.8	1052.1	1047.4	1040.9	1036.3	1031.6	1030.7	1026.1	1019.5
12.5°	1079.1	1078.1	1070.7	1066.1	1058.6	1052.1	1046.5	1040.9	1038.1	1032.6	1023.3
15°	1090.2	1084.7	1075.4	1067.0	1058.6	1051.2	1044.7	1038.1	1035.4	1028.8	1019.5
17.5°	1085.6	1075.4	1063.3	1053.0	1041.9	1032.6	1027.0	1020.5	1015.8	1012.1	999.1
20°	1068.8	1054.0	1035.4	1023.3	1008.4	996.3	992.6	986.1	982.3	968.4	951.6
22.5°	1025.1	1003.7	980.5	962.8	946.1	934.0	924.7	918.1	908.8	900.5	874.4
25°	970.2	946.1	921.9	900.5	878.1	859.5	842.8	827.0	822.3	804.7	779.5
27.5°	917.2	890.2	866.1	840.9	812.1	788.8	760.0	737.7	722.8	704.2	680.9
30°	860.5	833.5	800.9	767.4	734.0	708.8	676.3	649.3	630.7	611.2	589.8
32.5°	788.8	756.3	717.2	680.0	649.3	619.5	587.0	560.9	542.3	524.7	504.2
35°	707.0	664.2	622.3	581.4	548.8	523.7	494.9	475.4	462.3	446.5	425.1
37.5°	613.0	564.7	520.0	488.4	459.5	435.4	414.9	402.8	388.8	380.5	367.4
40°	518.1	470.7	427.0	398.1	374.0	360.0	348.8	346.0	336.7	325.6	317.2
42.5°	434.4	388.8	346.0	322.8	307.0	303.3	297.7	297.7	293.0	284.7	279.1
45°	377.7	330.2	293.0	276.3	267.9	267.0	264.2	264.2	263.3	259.5	253.0
47.5°	336.7	294.0	265.1	254.9	253.0	251.2	248.4	247.4	246.5	243.7	240.0
50°	299.5	263.3	244.7	240.0	240.9	238.1	235.4	232.6	231.6	228.8	225.1
52.5°	265.1	239.1	227.0	224.2	224.2	224.2	222.3	222.3	220.5	219.5	215.8
55°	245.6	226.0	219.5	218.6	217.7	216.7	214.9	214.9	213.0	212.1	207.4
57.5°	228.8	216.7	213.0	211.2	210.2	208.4	207.4	207.4	207.4	207.4	201.9
60°	215.8	210.2	209.3	207.4	206.5	202.8	200.9	200.0	200.9	201.9	196.3
62.5°	201.9	200.9	200.0	198.1	197.2	193.5	190.7	188.8	190.7	192.6	191.6
63°	198.1	197.2	197.2	196.3	195.4	190.7	187.9	186.0	187.9	189.8	189.8
65°	185.1	186.0	186.0	185.1	184.2	181.4	177.7	175.8	176.7	179.5	180.5
67.5°	171.2	172.1	171.2	172.1	171.2	169.3	166.5	164.7	163.7	164.7	165.6
70°	158.1	160.0	159.1	158.1	157.2	157.2	155.3	152.6	151.6	150.7	150.7
72.5°	147.0	147.0	145.1	145.1	144.2	144.2	142.3	139.5	138.6	138.6	136.7
75°	134.9	134.9	132.1	132.1	130.2	131.2	129.3	126.5	125.6	125.6	124.7
77.5°	127.4	124.7	120.0	119.1	118.1	118.1	117.2	114.4	113.5	113.5	112.6
80°	112.6	107.0	102.3	101.4	102.3	104.2	104.2	102.3	102.3	102.3	102.3
82.5°	87.4	85.6	82.8	80.9	80.9	83.7	87.4	89.3	91.2	93.0	93.0
85°	64.2	65.1	64.2	61.4	60.5	63.3	67.0	70.7	71.6	75.3	74.4
87.5°	34.4	35.3	32.6	31.6	34.4	36.3	40.0	40.9	42.8	43.7	44.7
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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CATALOG NUMBER: ICM-E03-LED-E1-SLL

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°	988.8	987.9	988.8	987.0	987.0	985.1	983.3	982.3	980.5	979.5	977.7
5°	1005.6	1002.8	1000.0	999.1	995.4	991.6	988.8	984.2	980.5	974.0	972.1
7.5°	1016.8	1010.2	1006.5	1005.6	1000.0	997.2	990.7	985.1	979.5	971.2	968.4
10°	1021.4	1014.9	1008.4	1005.6	999.1	994.4	987.9	979.5	974.9	966.5	964.7
12.5°	1027.0	1014.9	1004.7	997.2	987.9	977.7	971.2	966.5	960.0	955.4	953.5
15°	1016.8	1000.9	985.1	971.2	956.3	945.1	938.6	931.2	923.7	920.9	920.9
17.5°	988.8	968.4	941.4	923.7	907.9	895.8	887.4	880.0	879.1	875.4	877.2
20°	931.2	904.2	878.1	865.1	855.8	848.4	840.0	836.3	833.5	827.9	826.1
22.5°	851.2	828.8	810.2	800.9	793.5	784.2	776.7	765.6	762.8	757.2	754.4
25°	762.8	745.1	729.3	722.8	718.1	705.1	700.5	685.6	675.4	668.8	672.6
27.5°	674.4	661.4	646.5	638.1	635.4	623.3	618.6	601.9	593.5	593.5	584.2
30°	583.3	571.2	561.9	552.6	550.7	535.8	523.7	517.2	507.9	504.2	497.7
32.5°	497.7	485.6	478.1	473.5	466.0	454.0	441.9	430.7	415.8	410.2	407.4
35°	418.6	409.3	400.0	396.3	386.0	373.0	358.1	348.8	331.2	324.7	321.9
37.5°	358.1	347.0	340.5	330.2	320.0	306.0	294.9	286.5	280.0	277.2	277.2
40°	309.8	301.4	294.0	285.6	277.2	269.8	264.2	262.3	261.4	261.4	263.3
42.5°	273.5	266.0	262.3	257.7	254.9	254.9	254.0	254.9	255.8	256.7	259.5
45°	249.3	244.7	242.8	241.9	243.7	245.6	246.5	248.4	252.1	254.0	254.9
47.5°	236.3	232.6	231.6	232.6	235.4	239.1	242.8	245.6	248.4	249.3	250.2
50°	223.3	218.6	216.7	218.6	222.3	227.9	230.7	235.4	237.2	239.1	237.2
52.5°	212.1	208.4	207.4	207.4	211.2	214.9	218.6	222.3	223.3	223.3	222.3
55°	202.8	200.0	197.2	199.1	201.9	205.6	211.2	214.0	215.8	216.7	216.7
57.5°	195.4	192.6	189.8	191.6	194.4	198.1	203.7	206.5	208.4	211.2	212.1
60°	189.8	186.0	183.3	186.0	188.8	194.4	199.1	201.9	206.5	207.4	207.4
62.5°	184.2	180.5	175.8	178.6	178.6	181.4	186.0	189.8	194.4	196.3	196.3
63°	183.3	179.5	174.9	176.7	176.7	178.6	182.3	186.0	191.6	193.5	192.6
65°	175.8	174.9	170.2	170.2	168.4	170.2	173.0	176.7	179.5	182.3	182.3
67.5°	163.7	162.8	161.9	161.9	161.9	163.7	165.6	168.4	171.2	173.0	172.1
70°	149.8	149.8	149.8	150.7	150.7	152.6	153.5	152.6	155.3	157.2	156.3
72.5°	137.7	136.7	135.8	137.7	136.7	136.7	138.6	137.7	140.5	140.5	141.4
75°	124.7	123.7	123.7	124.7	122.8	120.9	121.9	121.9	122.8	122.8	124.7
77.5°	113.5	113.5	113.5	112.6	110.7	109.8	108.8	108.8	108.8	108.8	109.8
80°	103.3	103.3	103.3	102.3	100.5	98.6	96.7	95.8	94.9	90.2	90.2
82.5°	93.0	93.0	93.0	93.0	92.1	90.2	87.4	80.0	76.3	72.6	73.5
85°	73.5	75.3	77.2	80.0	79.1	79.1	73.5	64.2	58.6	54.9	55.8
87.5°	47.4	41.9	41.9	40.9	39.1	37.2	37.2	31.6	26.0	23.3	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



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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°	977.7	975.8	974.0	974.0	971.2	971.2	969.3	973.0	969.3	966.5	966.5	2.5°
5°	970.2	968.4	962.8	961.9	958.1	958.1	958.1	956.3	956.3	954.4	953.5	5°
7.5°	965.6	960.9	956.3	953.5	953.5	951.6	955.4	953.5	954.4	954.4	955.4	7.5°
10°	961.9	958.1	956.3	955.4	955.4	958.1	960.9	961.9	960.9	961.9	961.9	10°
12.5°	952.6	954.4	955.4	959.1	963.7	969.3	975.8	976.8	978.6	978.6	980.5	12.5°
15°	922.8	927.4	933.0	942.3	954.4	966.5	978.6	988.8	998.1	1002.8	1006.5	15°
17.5°	880.9	885.6	895.8	906.1	921.9	939.5	960.0	977.7	997.2	1014.9	1032.6	17.5°
20°	824.2	831.6	834.4	853.0	871.6	895.8	920.0	947.9	981.4	1014.9	1049.3	20°
22.5°	750.7	759.1	772.1	787.0	806.5	836.3	865.1	908.8	953.5	1000.9	1054.9	22.5°
25°	668.8	678.1	689.3	705.1	724.7	756.3	798.1	844.7	899.5	961.9	1028.8	25°
27.5°	584.2	593.5	602.8	614.0	636.3	669.8	719.1	767.4	827.9	895.8	974.0	27.5°
30°	499.5	500.5	506.0	520.0	543.3	587.0	623.3	683.7	747.0	818.6	908.8	30°
32.5°	406.5	405.6	412.1	424.2	446.5	488.4	533.0	591.6	654.0	744.2	837.2	32.5°
35°	323.7	323.7	335.8	347.9	373.0	402.8	441.9	494.0	567.4	651.2	744.2	35°
37.5°	280.0	286.5	294.0	306.0	325.6	348.8	383.3	428.8	486.5	566.5	652.1	37.5°
40°	266.0	269.8	276.3	287.4	304.2	325.6	350.7	385.1	429.8	494.0	572.1	40°
42.5°	260.5	261.4	265.1	273.5	288.4	309.8	335.8	366.5	400.0	445.6	513.5	42.5°
45°	254.9	254.0	255.8	262.3	274.4	298.6	328.4	361.9	395.4	433.5	489.3	45°
47.5°	250.2	250.2	250.2	253.0	264.2	288.4	322.8	361.9	401.9	444.7	499.5	47.5°
50°	237.2	236.3	236.3	238.1	246.5	272.6	313.5	360.9	413.0	468.8	531.2	50°
52.5°	222.3	222.3	223.3	224.2	231.6	257.7	303.3	360.9	426.0	500.5	578.6	52.5°
55°	217.7	218.6	219.5	218.6	224.2	246.5	292.1	355.4	431.6	525.6	629.8	55°
57.5°	214.0	215.8	215.8	214.9	218.6	237.2	280.9	344.2	427.0	534.9	666.1	57.5°
60°	208.4	208.4	208.4	205.6	207.4	224.2	264.2	326.5	412.1	526.5	671.6	60°
62.5°	196.3	196.3	194.4	193.5	192.6	205.6	241.9	300.5	385.1	504.2	657.7	62.5°
63°	193.5	192.6	192.6	189.8	189.8	201.9	237.2	296.7	377.7	498.6	652.1	63°
65°	183.3	183.3	183.3	181.4	180.5	189.8	218.6	270.7	348.8	472.6	624.2	65°
67.5°	172.1	173.0	171.2	170.2	169.3	174.9	197.2	238.1	304.2	417.7	572.1	67.5°
70°	156.3	157.2	157.2	156.3	155.3	159.1	173.0	204.7	252.1	347.9	487.4	70°
72.5°	142.3	144.2	144.2	146.0	146.0	148.8	154.4	170.2	201.9	271.6	383.3	72.5°
75°	127.4	128.4	130.2	132.1	130.2	129.3	130.2	142.3	158.1	200.9	273.5	75°
77.5°	114.4	117.2	117.2	116.3	113.5	111.6	111.6	117.2	130.2	152.6	195.4	77.5°
80°	94.9	99.5	100.5	97.7	94.9	94.9	96.7	100.5	108.8	125.6	147.9	80°
82.5°	76.3	80.9	81.9	82.8	81.9	84.7	84.7	85.6	90.2	103.3	120.9	82.5°
85°	58.6	62.3	65.1	66.0	67.0	67.9	67.0	62.3	65.1	73.5	81.9	85°
87.5°	26.0	27.0	25.1	26.0	25.1	26.0	27.0	22.3	21.4	28.8	29.8	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: P180978

NUMBER: ICM-E03-LED-E1-SLL

DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
975.8	975.8	975.8	975.8	975.8	975.8	975.8
965.6	965.6	966.5	964.7	964.7	965.6	962.8
950.7	954.4	954.4	954.4	952.6	954.4	955.4
954.4	957.2	959.1	959.1	958.1	961.9	964.7
959.1	963.7	965.6	965.6	965.6	970.2	976.8
976.8	980.5	983.3	983.3	985.1	990.7	998.1
1009.3	1014.0	1014.0	1013.0	1018.6	1025.1	1033.5
1045.6	1058.6	1065.1	1064.2	1068.8	1077.2	1086.5
1080.0	1116.3	1132.1	1143.3	1147.9	1159.1	1161.9
1108.8	1169.3	1213.0	1250.2	1267.9	1279.1	1292.1
1098.6	1180.5	1258.6	1334.9	1388.8	1443.7	1467.0
1056.8	1159.1	1261.4	1373.0	1470.7	1568.4	1639.1
1005.6	1128.4	1266.1	1424.2	1578.6	1728.4	1847.5
947.0	1099.5	1276.3	1471.6	1674.4	1870.7	2042.8
873.5	1044.7	1251.2	1476.3	1715.4	1953.5	2176.8
780.5	970.2	1192.6	1442.8	1717.2	1989.8	2256.8
687.4	876.3	1118.1	1394.4	1693.0	1998.2	2307.0
622.3	792.6	1042.8	1333.0	1654.0	1985.1	2331.2
577.7	732.1	975.8	1277.2	1612.1	1961.9	2334.9
574.0	706.1	932.1	1236.3	1578.6	1941.4	2334.9
605.6	720.0	917.2	1215.8	1564.7	1934.9	2336.8
665.1	775.8	944.2	1231.6	1575.8	1943.3	2345.1
736.7	860.5	1016.8	1286.5	1623.3	1971.2	2363.7
801.9	958.1	1140.5	1392.6	1709.8	2041.9	2415.8
840.0	1041.9	1271.6	1541.4	1857.7	2182.3	2520.0
844.7	1088.4	1387.9	1703.3	2037.2	2343.3	2686.5
840.9	1092.1	1402.8	1734.0	2075.4	2383.3	2744.2
820.5	1093.0	1444.7	1841.9	2207.5	2551.6	2905.1
768.4	1063.3	1459.5	1926.5	2374.0	2773.0	3205.6
678.1	978.6	1415.8	1928.4	2438.2	2896.8	3395.4
545.1	817.7	1227.0	1754.4	2268.9	2774.9	3346.1
399.1	600.9	927.4	1359.1	1851.2	2309.8	2866.1
265.1	388.8	625.1	968.4	1327.4	1662.3	2063.3
182.3	240.9	365.6	582.3	812.1	974.9	1314.4
134.0	159.1	202.8	297.7	390.7	480.9	686.5
83.7	91.2	101.4	147.0	210.2	283.7	427.9
22.3	23.3	21.4	28.8	45.6	43.7	48.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)