

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: P181001

Luminaire Tested: **ICM-F05-LED-E1-SLL-8030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P181001  
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-F05-LED-E1-SLL-8030  
Description: ICON SITE MEDIUM LED LUMINAIRE  
(5) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT  
Light Source: (35) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9017 lumens  
Efficiency: N/A  
Efficacy: 67.6 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.83' x L: 1' x H: 0.1')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B1 - U0 - G3

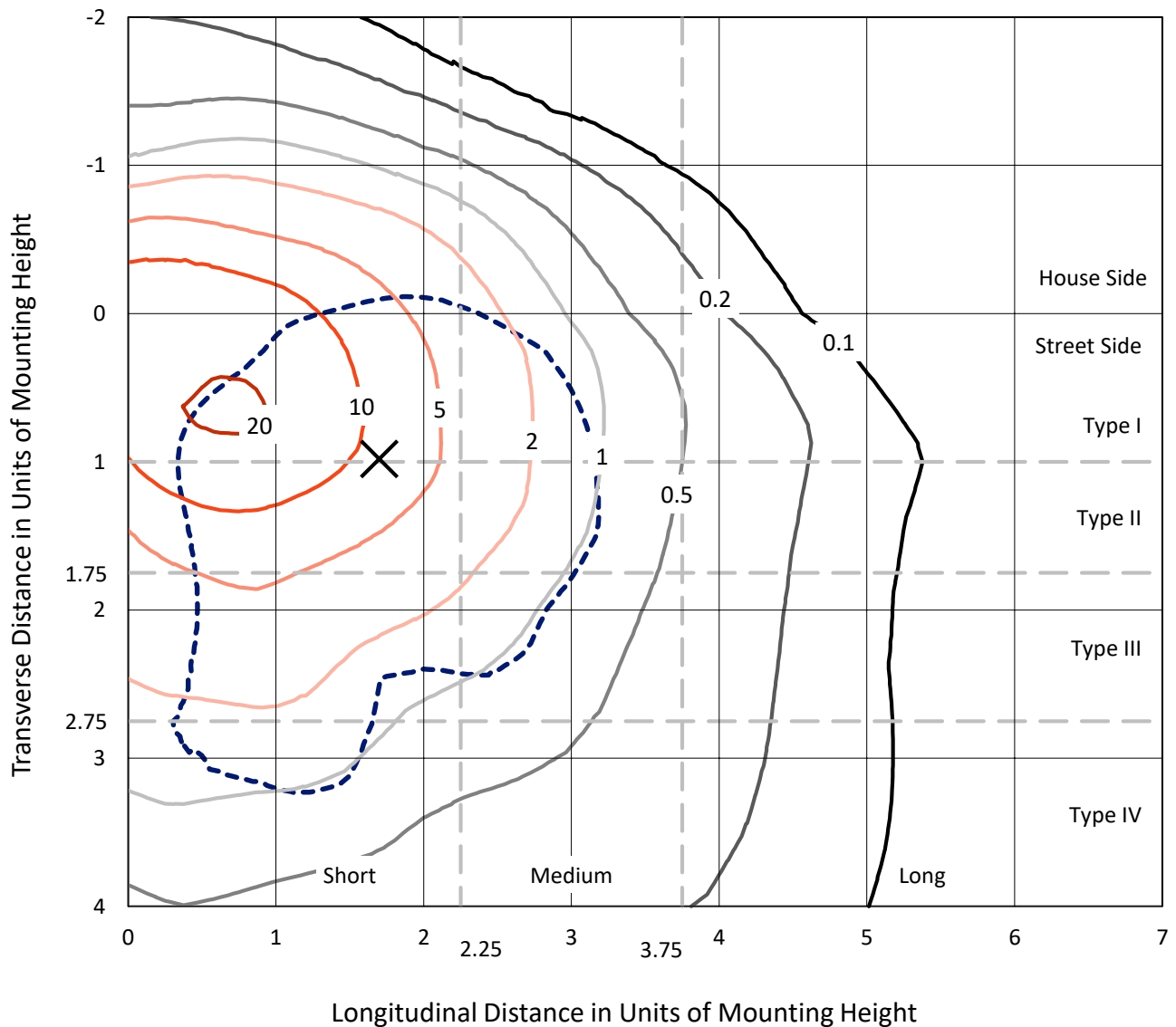
Input Watts (W): 133.3  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

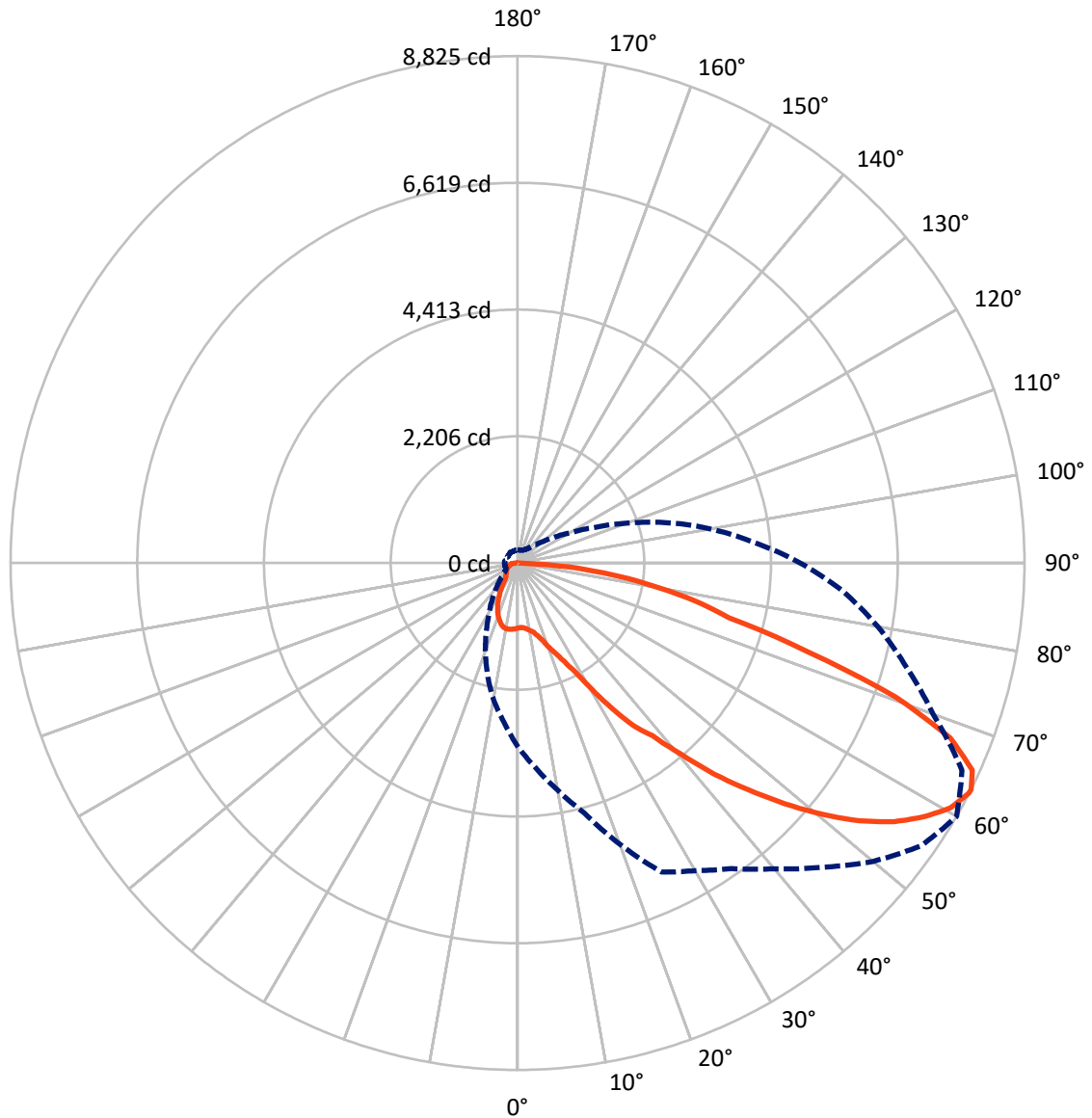
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 22.4 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
<b>House Side</b>	Lumens	1955.3	0.0	1955.3
	% Fixture	21.7	0.0	21.7
<b>Street Side</b>	Lumens	7061.7	0.0	7061.7
	% Fixture	78.3	0.0	78.3
<b>Total</b>	Lumens	9017.0	0.0	9017.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	110.3	1.2
10°-20°	343.5	3.8
20°-30°	610.3	6.8
30°-40°	961.1	10.7
40°-50°	1414.4	15.7
50°-60°	1878.8	20.8
60°-70°	2069.5	23.0
70°-80°	1298.4	14.4
80°-90°	330.7	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°	9017.0	100.0
0°-180°	9017.0	100.0

**Coefficient of Utilization**



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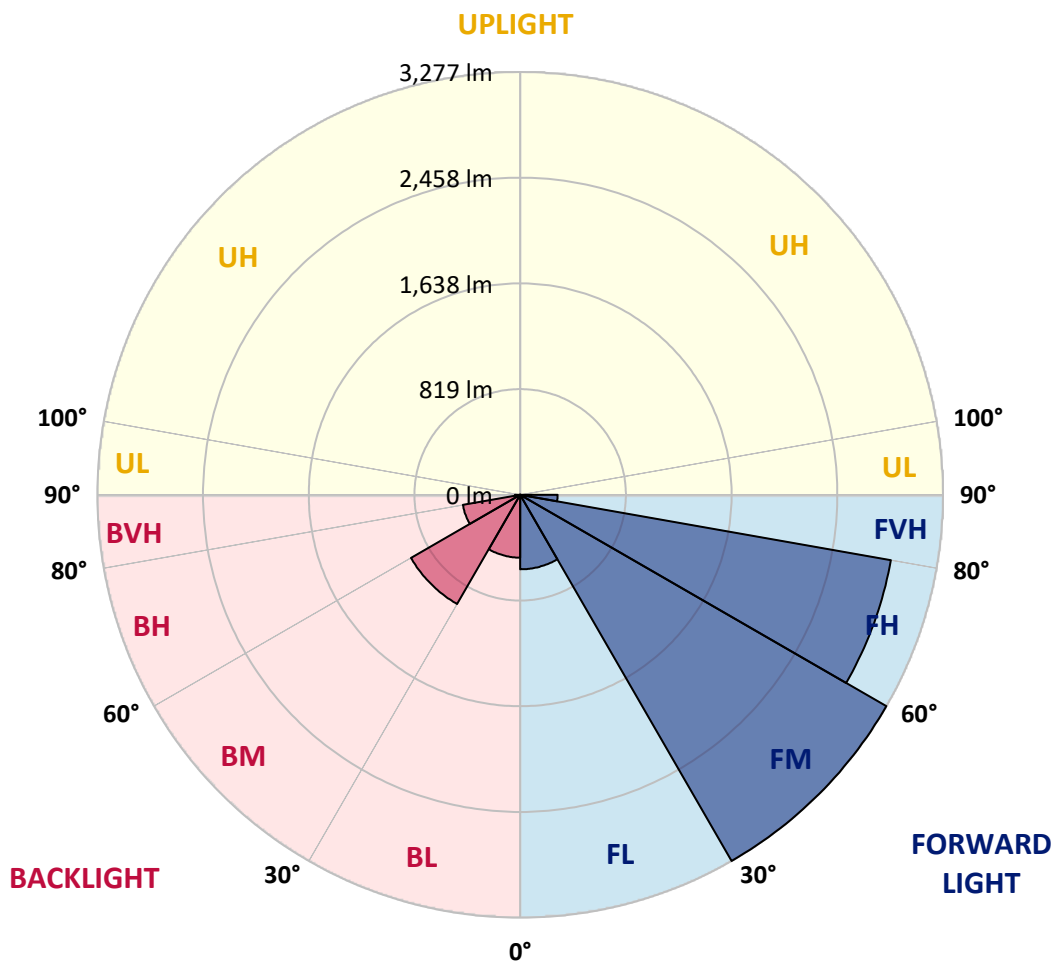
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	577.4	6.4			
FM	(30°-60°)	3277.0	36.3			
FH	(60°-80°)	2917.1	32.4			G2/5000
FVH	(80°-90°)	290.2	3.2			G3/500
BL	(0°-30°)	486.8	5.4	B1/500		
BM	(30°-60°)	977.3	10.8	B1/1000		
BH	(60°-80°)	450.7	5.0	B1/500		G1/500
BVH	(80°-90°)	40.5	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°	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1
2.5°	1118.1	1120.2	1120.2	1119.1	1119.1	1121.3	1120.2	1119.1	1115.8	1120.2	1120.2
5°	1109.4	1111.5	1111.5	1113.7	1115.8	1118.1	1118.1	1120.2	1119.1	1123.4	1126.7
7.5°	1120.2	1122.3	1126.7	1132.1	1135.3	1142.9	1142.9	1148.3	1150.4	1153.7	1152.6
10°	1134.2	1139.6	1149.3	1158.0	1164.5	1173.1	1179.6	1187.2	1187.2	1190.4	1192.6
12.5°	1159.1	1164.5	1175.3	1186.1	1195.8	1206.6	1216.3	1223.9	1231.4	1233.6	1238.0
15°	1200.1	1206.6	1222.8	1238.0	1249.8	1263.8	1276.8	1291.9	1306.0	1309.2	1311.4
17.5°	1261.7	1274.6	1286.5	1313.6	1330.8	1349.2	1369.7	1391.4	1395.6	1418.3	1423.7
20°	1349.2	1365.4	1376.2	1409.7	1438.9	1462.6	1492.8	1517.7	1527.5	1549.0	1570.6
22.5°	1500.4	1497.2	1513.4	1546.9	1568.5	1616.0	1642.0	1667.8	1680.8	1713.2	1730.5
25°	1703.5	1720.8	1756.5	1759.6	1780.2	1835.3	1868.8	1894.7	1895.8	1905.5	1923.8
27.5°	1903.4	1974.6	2030.8	2061.0	2116.1	2166.9	2164.8	2201.5	2144.2	2156.1	2173.4
30°	2145.3	2264.1	2370.0	2441.3	2497.5	2556.9	2586.1	2606.5	2581.7	2570.9	2550.4
32.5°	2372.2	2538.5	2701.6	2828.0	2932.8	3031.1	3095.9	3125.0	3159.6	3247.1	3278.4
35°	2527.7	2763.2	2966.3	3148.9	3323.8	3480.5	3593.9	3658.7	3633.9	3622.0	3615.5
37.5°	2620.6	2907.9	3161.8	3419.9	3620.9	3855.3	4031.4	4202.1	4241.0	4172.9	4139.4
40°	2678.9	3019.2	3345.4	3650.1	3910.3	4212.9	4431.0	4687.1	4881.5	4907.4	4827.5
42.5°	2707.0	3093.8	3474.0	3818.5	4170.7	4541.2	4817.8	5127.8	5418.4	5618.2	5568.5
45°	2711.4	3142.3	3567.9	3970.9	4390.0	4829.6	5186.1	5529.6	5918.5	6261.0	6270.6
47.5°	2711.4	3179.1	3632.8	4081.0	4586.6	5080.2	5469.1	5875.3	6351.7	6756.8	6881.0
50°	2713.5	3203.9	3693.2	4167.5	4736.8	5291.9	5731.7	6211.2	6712.5	7153.2	7393.0
52.5°	2723.3	3222.3	3740.8	4229.0	4834.0	5441.1	5935.8	6488.9	6987.9	7440.5	7750.6
55°	2744.9	3248.2	3775.4	4266.8	4898.8	5538.3	6083.8	6679.0	7166.2	7625.3	8058.4
57.5°	2805.3	3293.6	3817.5	4300.3	4934.4	5602.0	6187.5	6761.1	7234.2	7712.8	8221.5
60°	2926.3	3389.7	3889.9	4367.3	4993.8	5719.8	6237.2	6706.0	7184.5	7686.8	8258.3
62.5°	3119.6	3539.8	3990.4	4480.8	5163.5	5902.3	6199.4	6541.8	6989.0	7536.7	8127.6
63°	3186.6	3572.3	4013.0	4505.6	5209.9	5935.8	6183.2	6493.2	6949.1	7489.2	8081.1
65°	3373.5	3715.9	4121.0	4630.9	5401.1	5969.2	6056.8	6240.4	6672.5	7218.0	7806.7
67.5°	3722.4	4064.9	4353.2	4842.6	5562.1	5837.5	5664.7	5687.4	6138.8	6703.9	7233.2
70°	3942.8	4351.1	4501.2	4869.6	5532.9	5642.0	5157.0	4856.7	5218.5	5862.4	6325.7
72.5°	3885.5	4354.4	4338.2	4509.9	4949.5	5051.1	4548.8	4075.7	4290.6	4771.3	5071.7
75°	3328.1	3888.8	3770.0	3735.4	3889.9	3956.9	3579.8	3507.5	3778.6	4045.4	4049.7
77.5°	2395.9	3012.8	2873.4	2673.5	2662.7	2817.2	2868.0	3342.2	3742.9	3953.6	3860.7
80°	1526.3	2195.0	2050.2	1701.3	1695.9	1896.8	2343.0	2987.9	3412.4	3530.2	3288.2
82.5°	797.2	1436.7	1491.8	1276.8	1461.5	1794.2	2229.6	2407.8	2568.8	2584.9	2299.7
85°	496.9	883.6	1039.2	1072.7	1320.0	1591.2	1587.9	1525.3	1454.0	1244.4	1125.6
87.5°	56.2	111.3	168.6	159.9	215.0	301.4	375.9	220.4	154.5	56.2	77.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1
2.5°	1122.3	1123.4	1124.5	1124.5	1129.9	1128.8	1129.9	1132.1	1135.3	1137.5	1139.6
5°	1131.0	1131.0	1135.3	1138.5	1145.0	1149.3	1151.5	1158.0	1165.6	1163.4	1169.9
7.5°	1159.1	1158.0	1162.3	1164.5	1169.9	1177.4	1176.4	1181.8	1188.2	1190.4	1195.8
10°	1196.8	1193.7	1193.7	1191.4	1192.6	1190.4	1190.4	1190.4	1194.7	1193.7	1198.0
12.5°	1235.7	1234.7	1232.6	1226.1	1226.1	1217.4	1213.1	1207.7	1206.6	1199.1	1200.1
15°	1315.7	1315.7	1311.4	1298.4	1287.6	1280.1	1269.2	1261.7	1250.9	1236.8	1229.3
17.5°	1432.4	1417.2	1411.8	1409.7	1392.4	1386.0	1362.1	1337.3	1325.4	1306.0	1295.2
20°	1575.0	1571.7	1550.1	1539.3	1517.7	1487.5	1457.2	1424.8	1405.4	1381.6	1368.7
22.5°	1735.9	1712.1	1701.3	1685.1	1651.6	1617.1	1571.7	1528.5	1498.2	1482.1	1472.4
25°	1923.8	1900.1	1889.3	1867.7	1826.6	1790.0	1733.8	1683.0	1656.0	1628.9	1613.9
27.5°	2173.4	2150.7	2137.8	2081.6	2067.5	2007.1	1937.9	1868.8	1833.1	1793.1	1767.3
30°	2546.1	2547.2	2480.2	2412.1	2341.9	2237.1	2164.8	2087.0	2028.7	1971.4	1914.2
32.5°	3175.8	3014.9	2890.6	2744.9	2592.5	2481.2	2391.6	2298.7	2217.7	2134.5	2039.5
35°	3560.4	3482.6	3321.7	3054.8	2901.5	2766.4	2667.1	2554.7	2455.4	2308.4	2163.6
37.5°	3994.6	3814.3	3618.7	3470.7	3296.9	3140.2	2973.9	2846.3	2674.6	2476.9	2271.7
40°	4628.8	4370.5	4135.1	3936.3	3711.7	3547.5	3361.6	3176.9	2948.9	2662.7	2380.8
42.5°	5290.9	5024.1	4713.0	4454.8	4190.2	3997.9	3767.8	3508.6	3173.7	2819.4	2474.8
45°	5985.5	5629.0	5256.3	4940.9	4665.4	4426.7	4141.5	3798.1	3389.7	2959.8	2562.2
47.5°	6670.4	6261.0	5817.0	5477.8	5119.1	4827.5	4477.5	4043.3	3558.3	3092.7	2649.8
50°	7274.2	6879.9	6345.2	5914.2	5551.2	5191.6	4755.1	4232.3	3691.1	3207.2	2728.7
52.5°	7794.8	7455.7	6892.9	6348.4	5930.4	5526.4	4978.7	4384.6	3825.0	3313.0	2793.4
55°	8177.3	7951.5	7433.0	6757.8	6264.1	5782.4	5167.8	4531.5	3951.5	3397.3	2835.6
57.5°	8465.6	8340.3	7895.3	7143.5	6570.9	6030.8	5363.3	4707.6	4076.8	3469.7	2855.0
60°	8623.4	8657.9	8245.3	7480.5	6842.1	6238.3	5558.8	4857.7	4169.6	3511.7	2844.2
62.5°	8608.2	8820.0	8507.8	7687.9	6999.8	6361.4	5690.5	4927.9	4156.7	3444.8	2745.9
63°	8579.1	8825.4	8537.0	7701.9	7009.5	6365.7	5693.8	4918.3	4129.7	3412.4	2707.0
65°	8327.4	8701.2	8512.1	7638.2	6923.1	6284.7	5625.8	4777.8	3939.6	3238.5	2507.2
67.5°	7653.3	8121.1	8067.0	7187.8	6513.7	5949.8	5277.9	4325.1	3469.7	2810.7	2124.8
70°	6539.7	6979.3	6989.0	6251.2	5688.4	5135.4	4576.9	3519.4	2750.2	2178.8	1584.7
72.5°	5012.2	5295.2	5393.5	4907.4	4530.4	4141.5	3640.3	2554.7	1960.6	1482.1	1031.6
75°	3881.2	3803.5	3802.3	3597.1	3443.7	3253.6	2702.7	1724.0	1287.6	963.5	630.9
77.5°	3489.1	3143.5	2808.6	2562.2	2439.1	2375.4	1772.7	1039.2	759.4	554.1	363.0
80°	2877.7	2367.8	1913.0	1647.4	1541.5	1614.9	988.4	561.7	415.9	315.4	235.4
82.5°	1984.4	1647.4	1252.0	1037.0	890.1	931.2	505.6	287.4	192.3	176.1	145.9
85°	1033.8	906.3	764.7	656.7	580.1	509.9	262.5	137.2	79.9	70.2	63.7
87.5°	0.0	1.1	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°	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1
2.5°	1142.9	1141.8	1143.9	1145.0	1148.3	1150.4	1151.5	1149.3	1152.6	1155.8	1153.7
5°	1173.1	1180.7	1181.8	1185.0	1185.0	1191.4	1191.4	1191.4	1190.4	1191.4	1189.3
7.5°	1199.1	1208.8	1209.9	1214.1	1215.3	1222.8	1219.5	1221.7	1221.7	1216.3	1214.1
10°	1202.2	1212.0	1217.4	1222.8	1230.3	1240.1	1240.1	1245.5	1245.5	1241.1	1240.1
12.5°	1203.4	1210.9	1216.3	1223.9	1234.7	1248.8	1256.3	1263.8	1267.1	1266.1	1262.8
15°	1226.1	1226.1	1227.2	1233.6	1241.1	1258.4	1269.2	1277.9	1283.3	1281.1	1275.7
17.5°	1285.5	1276.8	1270.3	1259.5	1261.7	1270.3	1276.8	1284.4	1285.5	1283.3	1274.6
20°	1354.6	1343.8	1327.5	1310.3	1301.7	1295.2	1290.9	1290.9	1287.6	1276.8	1262.8
22.5°	1452.8	1438.9	1416.2	1390.2	1372.9	1352.5	1327.5	1303.8	1277.9	1252.0	1221.7
25°	1589.0	1569.6	1545.8	1505.8	1469.1	1425.9	1375.1	1322.1	1260.7	1206.6	1162.3
27.5°	1726.2	1683.0	1621.4	1566.3	1498.2	1433.4	1361.0	1296.3	1217.4	1152.6	1104.0
30°	1839.6	1757.5	1668.9	1581.4	1491.8	1404.3	1317.9	1240.1	1153.7	1087.8	1040.3
32.5°	1927.1	1813.7	1690.5	1576.0	1465.9	1358.9	1259.5	1173.1	1085.6	1017.6	966.8
35°	2008.1	1850.4	1693.8	1552.3	1416.2	1304.9	1192.6	1098.6	1005.7	934.4	879.3
37.5°	2068.6	1867.7	1674.3	1508.0	1351.4	1227.2	1112.7	1016.5	921.4	843.6	781.0
40°	2107.5	1856.8	1632.2	1444.3	1274.6	1143.9	1027.3	927.9	836.1	750.8	675.2
42.5°	2138.8	1842.9	1590.1	1386.0	1214.1	1071.5	951.6	844.7	751.8	658.9	575.7
45°	2185.3	1853.7	1571.7	1344.8	1160.2	1010.0	878.2	767.0	669.8	579.0	499.1
47.5°	2230.6	1859.1	1544.8	1294.1	1092.1	946.2	812.3	704.3	604.9	521.8	448.3
50°	2271.7	1855.8	1502.6	1229.3	1026.2	882.5	752.9	644.9	546.6	469.9	400.7
52.5°	2291.2	1837.4	1450.7	1166.6	973.3	826.3	694.6	589.8	492.6	420.2	356.5
55°	2288.9	1790.0	1382.7	1107.3	915.0	767.0	637.3	533.6	446.1	379.2	324.1
57.5°	2256.6	1716.5	1310.3	1041.3	838.2	693.5	570.3	469.9	396.5	340.3	293.9
60°	2188.5	1622.5	1215.3	945.2	742.1	602.8	487.2	400.7	341.3	298.1	267.9
62.5°	2061.0	1487.5	1096.4	811.3	612.5	485.0	384.6	328.4	284.1	258.1	244.1
63°	2023.3	1450.7	1045.7	778.8	582.2	458.0	363.0	304.7	272.2	249.5	236.6
65°	1835.3	1270.3	875.0	628.7	452.7	353.2	291.6	247.4	227.9	218.2	217.1
67.5°	1486.3	999.2	619.0	431.0	307.8	254.9	223.6	205.2	196.6	194.4	196.6
70°	1043.4	630.9	393.2	286.2	227.9	205.2	191.2	183.6	178.2	179.3	181.5
72.5°	665.4	378.0	270.0	217.1	192.3	180.4	174.0	171.7	170.7	169.6	169.6
75°	379.2	251.7	207.4	188.0	175.0	165.3	159.9	157.7	158.8	159.9	157.7
77.5°	250.6	207.4	184.7	171.7	159.9	149.0	145.9	144.7	146.9	149.0	149.0
80°	197.7	184.7	171.7	158.8	139.3	131.8	134.0	135.1	134.0	135.1	131.8
82.5°	139.3	137.2	140.5	135.1	115.6	109.1	107.0	108.0	105.9	105.9	103.7
85°	64.8	64.8	68.1	68.1	65.9	67.0	72.4	78.9	82.1	78.9	74.5
87.5°	0.0	0.0	0.0	0.0	0.0	9.8	19.4	28.1	30.2	37.8	36.7
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: P181001

CATALOG NUMBER: ICM-F05-LED-E1-SLL-8030

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1
2.5°	1150.4	1152.6	1151.5	1150.4	1152.6	1150.4	1151.5	1150.4	1150.4	1149.3	1149.3
5°	1187.2	1190.4	1183.9	1182.8	1180.7	1175.3	1175.3	1173.1	1173.1	1168.8	1165.6
7.5°	1210.9	1212.0	1206.6	1205.5	1200.1	1194.7	1190.4	1186.1	1185.0	1181.8	1175.3
10°	1233.6	1231.4	1227.2	1221.7	1216.3	1208.8	1203.4	1198.0	1196.8	1191.4	1183.9
12.5°	1253.0	1252.0	1243.4	1238.0	1229.3	1221.7	1215.3	1208.8	1205.5	1199.1	1188.2
15°	1266.1	1259.5	1248.8	1239.0	1229.3	1220.7	1213.1	1205.5	1202.2	1194.7	1183.9
17.5°	1260.7	1248.8	1234.7	1222.8	1209.9	1199.1	1192.6	1185.0	1179.6	1175.3	1160.2
20°	1241.1	1223.9	1202.2	1188.2	1171.0	1156.9	1152.6	1145.0	1140.8	1124.5	1105.0
22.5°	1190.4	1165.6	1138.5	1118.1	1098.6	1084.6	1073.8	1066.1	1055.4	1045.7	1015.4
25°	1126.7	1098.6	1070.5	1045.7	1019.7	998.1	978.7	960.3	954.9	934.4	905.2
27.5°	1065.1	1033.8	1005.7	976.5	943.1	916.0	882.5	856.7	839.4	817.7	790.7
30°	999.2	967.9	930.1	891.2	852.3	823.2	785.3	754.0	732.4	709.7	684.8
32.5°	916.0	878.2	832.8	789.7	754.0	719.4	681.6	651.4	629.8	609.2	585.5
35°	820.9	771.3	722.7	675.2	637.3	608.2	574.7	552.0	536.8	518.5	493.7
37.5°	711.8	655.7	603.8	567.1	533.6	505.6	481.8	467.7	451.5	441.8	426.7
40°	601.7	546.6	495.8	462.3	434.2	418.0	405.1	401.9	391.1	378.0	368.4
42.5°	504.5	451.5	401.9	374.8	356.5	352.2	345.7	345.7	340.3	330.5	324.1
45°	438.6	383.4	340.3	320.8	311.1	310.0	306.8	306.8	305.7	301.4	293.9
47.5°	391.1	341.3	307.8	296.0	293.9	291.6	288.4	287.4	286.2	283.0	278.7
50°	347.8	305.7	284.1	278.7	279.8	276.6	273.3	270.0	268.9	265.8	261.4
52.5°	307.8	277.6	263.5	260.4	260.4	260.4	258.1	258.1	256.0	254.9	250.6
55°	285.2	262.5	254.9	253.9	252.7	251.7	249.5	249.5	247.4	246.3	240.9
57.5°	265.8	251.7	247.4	245.2	244.1	242.0	240.9	240.9	240.9	240.9	234.4
60°	250.6	244.1	243.1	240.9	239.8	235.4	233.3	232.3	233.3	234.4	227.9
62.5°	234.4	233.3	232.3	230.0	229.0	224.7	221.5	219.3	221.5	223.6	222.5
63°	230.0	229.0	229.0	227.9	226.9	221.5	218.2	216.0	218.2	220.4	220.4
65°	215.0	216.0	216.0	215.0	213.9	210.6	206.3	204.2	205.2	208.5	209.6
67.5°	198.8	199.8	198.8	199.8	198.8	196.6	193.4	191.2	190.1	191.2	192.3
70°	183.6	185.8	184.7	183.6	182.5	182.5	180.4	177.1	176.1	175.0	175.0
72.5°	170.7	170.7	168.6	168.6	167.4	167.4	165.3	162.0	160.9	160.9	158.8
75°	156.7	156.7	153.4	153.4	151.3	152.3	150.1	146.9	145.9	145.9	144.7
77.5°	148.0	144.7	139.3	138.2	137.2	137.2	136.1	132.8	131.8	131.8	130.7
80°	130.7	124.2	118.8	117.8	118.8	121.0	121.0	118.8	118.8	118.8	118.8
82.5°	101.6	99.3	96.1	94.0	94.0	97.2	101.6	103.7	105.9	108.0	108.0
85°	74.5	75.6	74.5	71.3	70.2	73.5	77.8	82.1	83.2	87.5	86.4
87.5°	40.0	41.0	37.8	36.7	40.0	42.1	46.4	47.5	49.7	50.8	51.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: ICM-F05-LED-E1-SLL-8030

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1
2.5°	1148.3	1147.2	1148.3	1146.1	1146.1	1143.9	1141.8	1140.8	1138.5	1137.5	1135.3
5°	1167.7	1164.5	1161.2	1160.2	1155.8	1151.5	1148.3	1142.9	1138.5	1131.0	1128.8
7.5°	1180.7	1173.1	1168.8	1167.7	1161.2	1158.0	1150.4	1143.9	1137.5	1127.7	1124.5
10°	1186.1	1178.5	1171.0	1167.7	1160.2	1154.8	1147.2	1137.5	1132.1	1122.3	1120.2
12.5°	1192.6	1178.5	1166.6	1158.0	1147.2	1135.3	1127.7	1122.3	1114.8	1109.4	1107.3
15°	1180.7	1162.3	1143.9	1127.7	1110.4	1097.5	1090.0	1081.3	1072.7	1069.4	1069.4
17.5°	1148.3	1124.5	1093.2	1072.7	1054.3	1040.3	1030.5	1021.9	1020.8	1016.5	1018.6
20°	1081.3	1050.0	1019.7	1004.6	993.8	985.1	975.4	971.1	967.9	961.4	959.3
22.5°	988.4	962.5	940.8	930.1	921.4	910.6	902.0	889.0	885.8	879.3	876.1
25°	885.8	865.2	846.9	839.4	834.0	818.8	813.4	796.1	784.3	776.7	781.0
27.5°	783.2	768.0	750.8	741.0	737.8	723.7	718.3	698.9	689.2	689.2	678.3
30°	677.3	663.3	652.5	641.7	639.4	622.2	608.2	600.6	589.8	585.5	578.0
32.5°	578.0	563.9	555.3	549.9	541.2	527.2	513.1	500.1	482.9	476.4	473.1
35°	486.1	475.3	464.5	460.2	448.3	433.2	415.9	405.1	384.6	377.0	373.8
37.5°	415.9	402.9	395.4	383.4	371.6	355.4	342.4	332.7	325.1	321.9	321.9
40°	359.7	350.0	341.3	331.6	321.9	313.3	306.8	304.7	303.5	303.5	305.7
42.5°	317.6	308.9	304.7	299.3	296.0	296.0	294.9	296.0	297.0	298.1	301.4
45°	289.5	284.1	282.0	280.8	283.0	285.2	286.2	288.4	292.7	294.9	296.0
47.5°	274.4	270.0	268.9	270.0	273.3	277.6	282.0	285.2	288.4	289.5	290.6
50°	259.3	253.9	251.7	253.9	258.1	264.7	267.9	273.3	275.4	277.6	275.4
52.5°	246.3	242.0	240.9	240.9	245.2	249.5	253.9	258.1	259.3	259.3	258.1
55°	235.4	232.3	229.0	231.2	234.4	238.7	245.2	248.5	250.6	251.7	251.7
57.5°	226.9	223.6	220.4	222.5	225.8	230.0	236.6	239.8	242.0	245.2	246.3
60°	220.4	216.0	212.8	216.0	219.3	225.8	231.2	234.4	239.8	240.9	240.9
62.5°	213.9	209.6	204.2	207.4	207.4	210.6	216.0	220.4	225.8	227.9	227.9
63°	212.8	208.5	203.1	205.2	205.2	207.4	211.7	216.0	222.5	224.7	223.6
65°	204.2	203.1	197.7	197.7	195.5	197.7	200.9	205.2	208.5	211.7	211.7
67.5°	190.1	189.0	188.0	188.0	188.0	190.1	192.3	195.5	198.8	200.9	199.8
70°	174.0	174.0	174.0	175.0	175.0	177.1	178.2	177.1	180.4	182.5	181.5
72.5°	159.9	158.8	157.7	159.9	158.8	158.8	160.9	159.9	163.1	163.1	164.2
75°	144.7	143.6	143.6	144.7	142.6	140.5	141.5	141.5	142.6	142.6	144.7
77.5°	131.8	131.8	131.8	130.7	128.6	127.4	126.4	126.4	126.4	126.4	127.4
80°	119.9	119.9	119.9	118.8	116.7	114.5	112.4	111.3	110.1	104.7	104.7
82.5°	108.0	108.0	108.0	108.0	107.0	104.7	101.6	92.9	88.6	84.3	85.3
85°	85.3	87.5	89.7	92.9	91.8	91.8	85.3	74.5	68.1	63.7	64.8
87.5°	55.1	48.7	48.7	47.5	45.4	43.2	43.2	36.7	30.2	27.0	28.1
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°	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	0°
2.5°	1135.3	1133.1	1131.0	1131.0	1127.7	1127.7	1125.6	1129.9	1125.6	1122.3	1122.3	2.5°
5°	1126.7	1124.5	1118.1	1116.9	1112.7	1112.7	1112.7	1110.4	1110.4	1108.3	1107.3	5°
7.5°	1121.3	1115.8	1110.4	1107.3	1107.3	1105.0	1109.4	1107.3	1108.3	1108.3	1109.4	7.5°
10°	1116.9	1112.7	1110.4	1109.4	1109.4	1112.7	1115.8	1116.9	1115.8	1116.9	1116.9	10°
12.5°	1106.1	1108.3	1109.4	1113.7	1119.1	1125.6	1133.1	1134.2	1136.4	1136.4	1138.5	12.5°
15°	1071.5	1076.9	1083.4	1094.2	1108.3	1122.3	1136.4	1148.3	1159.1	1164.5	1168.8	15°
17.5°	1023.0	1028.4	1040.3	1052.1	1070.5	1091.0	1114.8	1135.3	1158.0	1178.5	1199.1	17.5°
20°	957.0	965.7	968.9	990.5	1012.2	1040.3	1068.4	1100.8	1139.6	1178.5	1218.5	20°
22.5°	871.7	881.5	896.6	913.9	936.6	971.1	1004.6	1055.4	1107.3	1162.3	1224.9	22.5°
25°	776.7	787.4	800.5	818.8	841.5	878.2	926.8	980.8	1044.6	1116.9	1194.7	25°
27.5°	678.3	689.2	700.0	712.9	738.9	777.8	835.0	891.2	961.4	1040.3	1131.0	27.5°
30°	580.1	581.1	587.6	603.8	630.9	681.6	723.7	794.0	867.4	950.6	1055.4	30°
32.5°	472.1	471.0	478.5	492.6	518.5	567.1	619.0	687.0	759.4	864.2	972.2	32.5°
35°	375.9	375.9	390.0	404.0	433.2	467.7	513.1	573.6	658.9	756.2	864.2	35°
37.5°	325.1	332.7	341.3	355.4	378.0	405.1	445.0	498.0	564.9	657.9	757.2	37.5°
40°	308.9	313.3	320.8	333.8	353.2	378.0	407.3	447.2	499.1	573.6	664.4	40°
42.5°	302.4	303.5	307.8	317.6	334.9	359.7	390.0	425.6	464.5	517.4	596.3	42.5°
45°	296.0	294.9	297.0	304.7	318.7	346.8	381.3	420.2	459.1	503.4	568.2	45°
47.5°	290.6	290.6	290.6	293.9	306.8	334.9	374.8	420.2	466.6	516.4	580.1	47.5°
50°	275.4	274.4	274.4	276.6	286.2	316.5	364.0	419.2	479.6	544.5	616.8	50°
52.5°	258.1	258.1	259.3	260.4	268.9	299.3	352.2	419.2	494.7	581.1	671.9	52.5°
55°	252.7	253.9	254.9	253.9	260.4	286.2	339.2	412.7	501.2	610.3	731.3	55°
57.5°	248.5	250.6	250.6	249.5	253.9	275.4	326.2	399.7	495.8	621.1	773.4	57.5°
60°	242.0	242.0	242.0	238.7	240.9	260.4	306.8	379.2	478.5	611.4	779.9	60°
62.5°	227.9	227.9	225.8	224.7	223.6	238.7	280.8	348.9	447.2	585.5	763.7	62.5°
63°	224.7	223.6	223.6	220.4	220.4	234.4	275.4	344.6	438.6	579.0	757.2	63°
65°	212.8	212.8	212.8	210.6	209.6	220.4	253.9	314.3	405.1	548.7	724.8	65°
67.5°	199.8	200.9	198.8	197.7	196.6	203.1	229.0	276.6	353.2	485.0	664.4	67.5°
70°	181.5	182.5	182.5	181.5	180.4	184.7	200.9	237.7	292.7	404.0	566.0	70°
72.5°	165.3	167.4	167.4	169.6	169.6	172.8	179.3	197.7	234.4	315.4	445.0	72.5°
75°	148.0	149.0	151.3	153.4	151.3	150.1	151.3	165.3	183.6	233.3	317.6	75°
77.5°	132.8	136.1	136.1	135.1	131.8	129.6	129.6	136.1	151.3	177.1	226.9	77.5°
80°	110.1	115.6	116.7	113.4	110.1	110.1	112.4	116.7	126.4	145.9	171.7	80°
82.5°	88.6	94.0	95.1	96.1	95.1	98.3	98.3	99.3	104.7	119.9	140.5	82.5°
85°	68.1	72.4	75.6	76.7	77.8	78.9	77.8	72.4	75.6	85.3	95.1	85°
87.5°	30.2	31.3	29.2	30.2	29.2	30.2	31.3	26.0	24.8	33.5	34.6	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°



NUMBER: P181001

NUMBER: ICM-F05-LED-E1-SLL-8030

**DISTRIBUTION (continued):**

330°	335°	340°	345°	350°	355°	360°
1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1
1121.3	1121.3	1122.3	1120.2	1120.2	1121.3	1118.1
1104.0	1108.3	1108.3	1108.3	1106.1	1108.3	1109.4
1108.3	1111.5	1113.7	1113.7	1112.7	1116.9	1120.2
1113.7	1119.1	1121.3	1121.3	1121.3	1126.7	1134.2
1134.2	1138.5	1141.8	1141.8	1143.9	1150.4	1159.1
1172.0	1177.4	1177.4	1176.4	1182.8	1190.4	1200.1
1214.1	1229.3	1236.8	1235.7	1241.1	1250.9	1261.7
1254.1	1296.3	1314.6	1327.5	1333.0	1346.0	1349.2
1287.6	1357.9	1408.6	1451.8	1472.4	1485.3	1500.4
1275.7	1370.8	1461.5	1550.1	1612.8	1676.5	1703.5
1227.2	1346.0	1464.8	1594.4	1707.8	1821.2	1903.4
1167.7	1310.3	1470.1	1653.8	1833.1	2007.1	2145.3
1099.6	1276.8	1482.1	1708.9	1944.4	2172.3	2372.2
1014.3	1213.1	1452.8	1714.3	1991.9	2268.5	2527.7
906.3	1126.7	1384.8	1675.5	1994.1	2310.6	2620.6
798.2	1017.6	1298.4	1619.3	1966.0	2320.3	2678.9
722.7	920.4	1210.9	1547.9	1920.7	2305.2	2707.0
670.8	850.1	1133.1	1483.2	1872.0	2278.2	2711.4
666.5	819.9	1082.3	1435.6	1833.1	2254.4	2711.4
703.3	836.1	1065.1	1411.8	1816.9	2246.8	2713.5
772.4	900.9	1096.4	1430.2	1829.9	2256.6	2723.3
855.5	999.2	1180.7	1494.0	1884.9	2288.9	2744.9
931.2	1112.7	1324.4	1617.1	1985.4	2371.1	2805.3
975.4	1209.9	1476.7	1790.0	2157.2	2534.2	2926.3
980.8	1263.8	1611.6	1977.9	2365.7	2721.0	3119.6
976.5	1268.2	1628.9	2013.5	2410.0	2767.6	3186.6
952.8	1269.2	1677.6	2138.8	2563.4	2963.0	3373.5
892.3	1234.7	1694.9	2237.1	2756.7	3220.1	3722.4
787.4	1136.4	1644.1	2239.3	2831.3	3363.8	3942.8
633.0	949.5	1424.8	2037.3	2634.6	3222.3	3885.5
463.4	697.9	1076.9	1578.2	2149.6	2682.2	3328.1
307.8	451.5	725.9	1124.5	1541.5	1930.3	2395.9
211.7	279.8	424.6	676.2	943.1	1132.1	1526.3
155.5	184.7	235.4	345.7	453.7	558.5	797.2
97.2	105.9	117.8	170.7	244.1	329.5	496.9
26.0	27.0	24.8	33.5	52.9	50.8	56.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)