

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: P181028

Luminaire Tested: **ICS-E02-LED-E1-SLL**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181028
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33681)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ICS-E02-LED-E1-SLL
Description: ICON SITE SMALL LED LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (42) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5008.6 lumens
Efficiency: N/A
Efficacy: 96.1 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 1' x H: 0.1')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G2

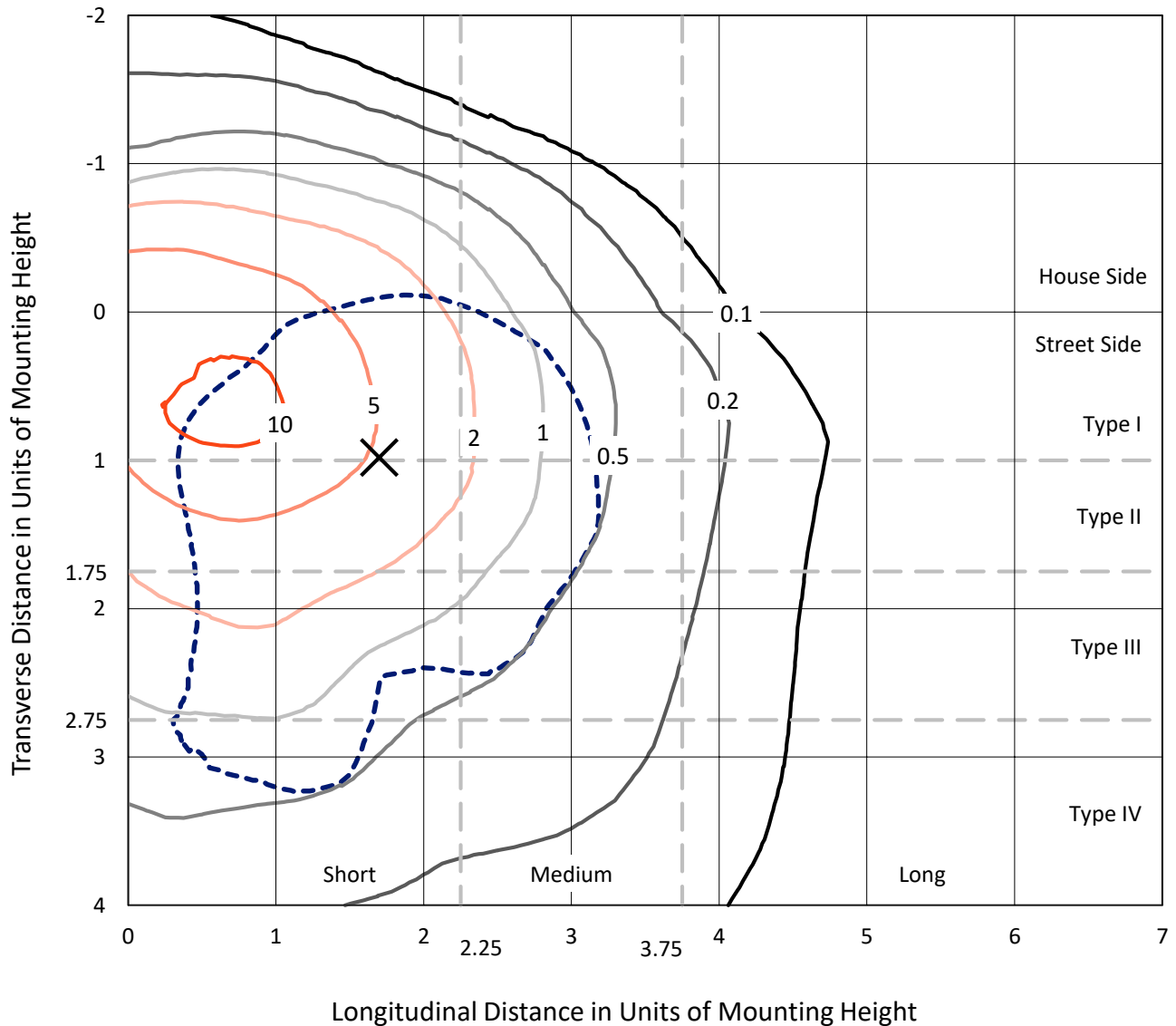
Input Watts (W): 52.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

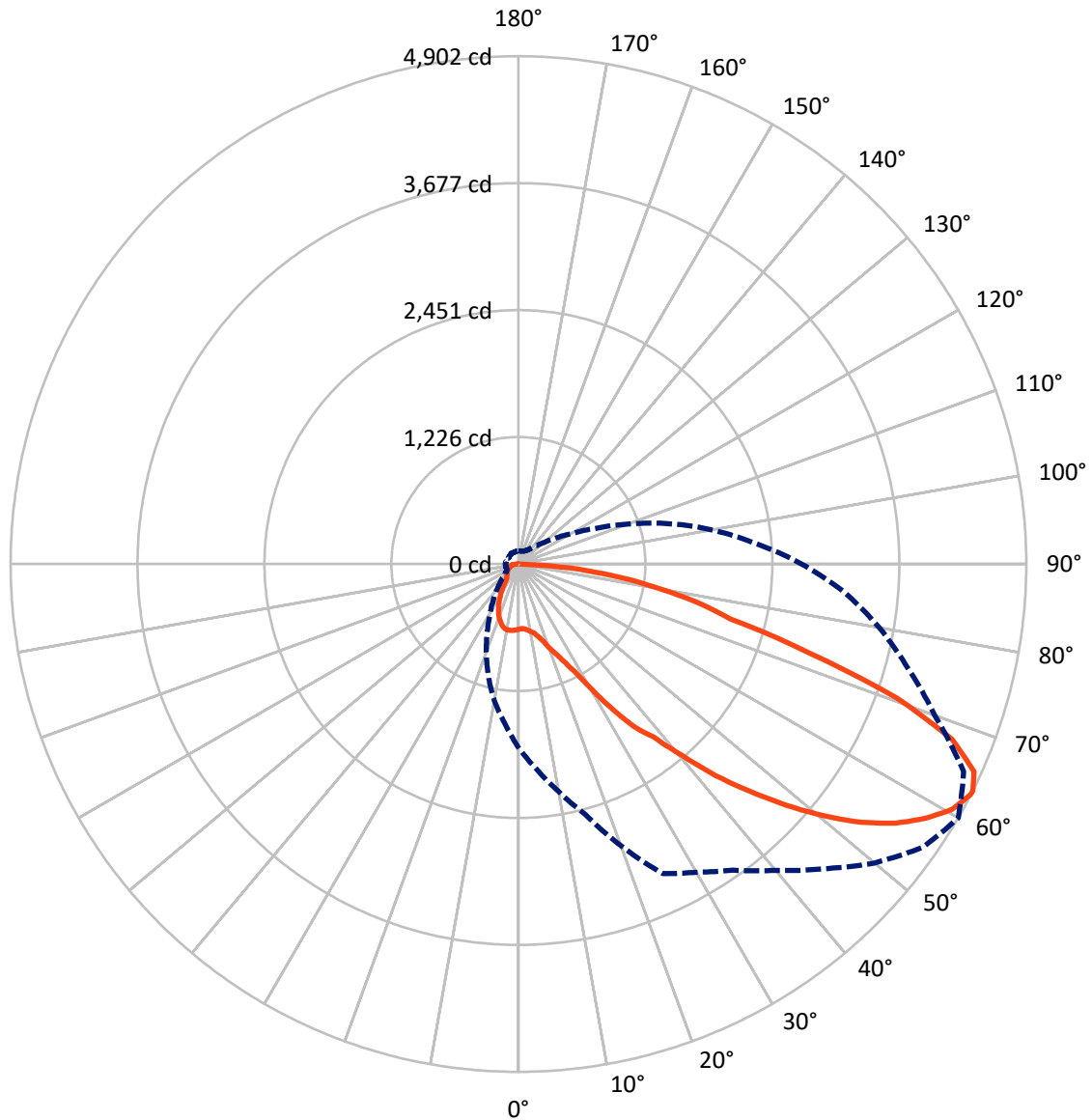
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 12.4 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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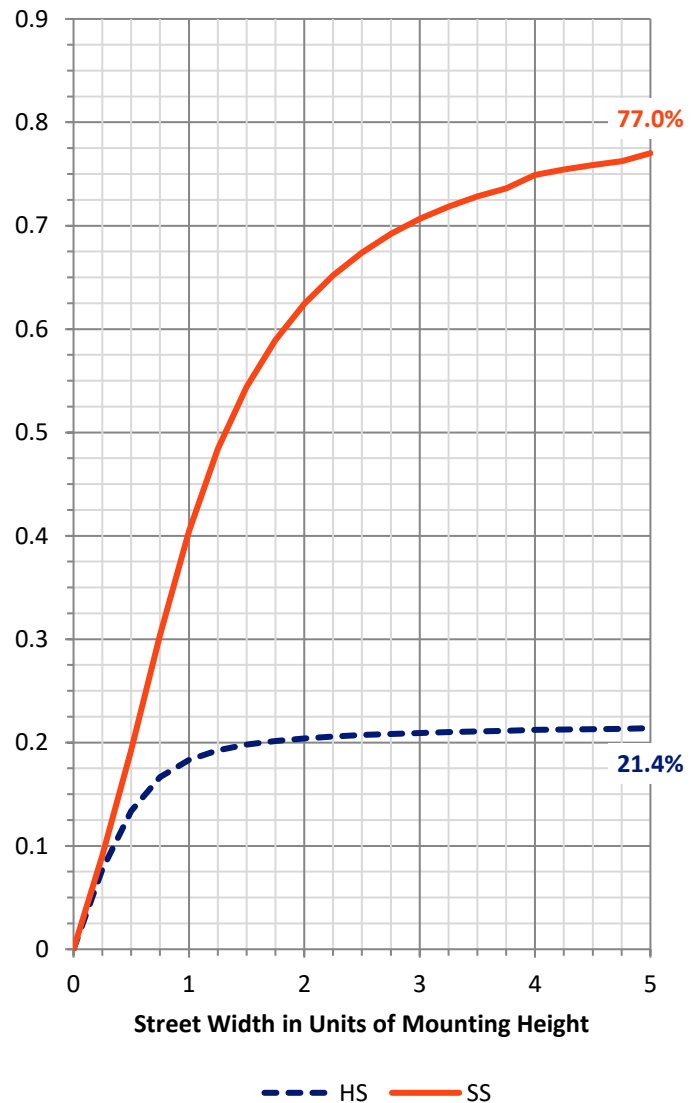
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1086.1	0.0	1086.1
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	3922.6	0.0	3922.6
	% Fixture	78.3	0.0	78.3
Total	Lumens	5008.6	0.0	5008.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.3	1.2
10°-20°	190.8	3.8
20°-30°	339.0	6.8
30°-40°	533.9	10.7
40°-50°	785.7	15.7
50°-60°	1043.6	20.8
60°-70°	1149.5	23.0
70°-80°	721.2	14.4
80°-90°	183.7	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°	5008.6	100.0
0°-180°	5008.6	100.0

Coefficient of Utilization



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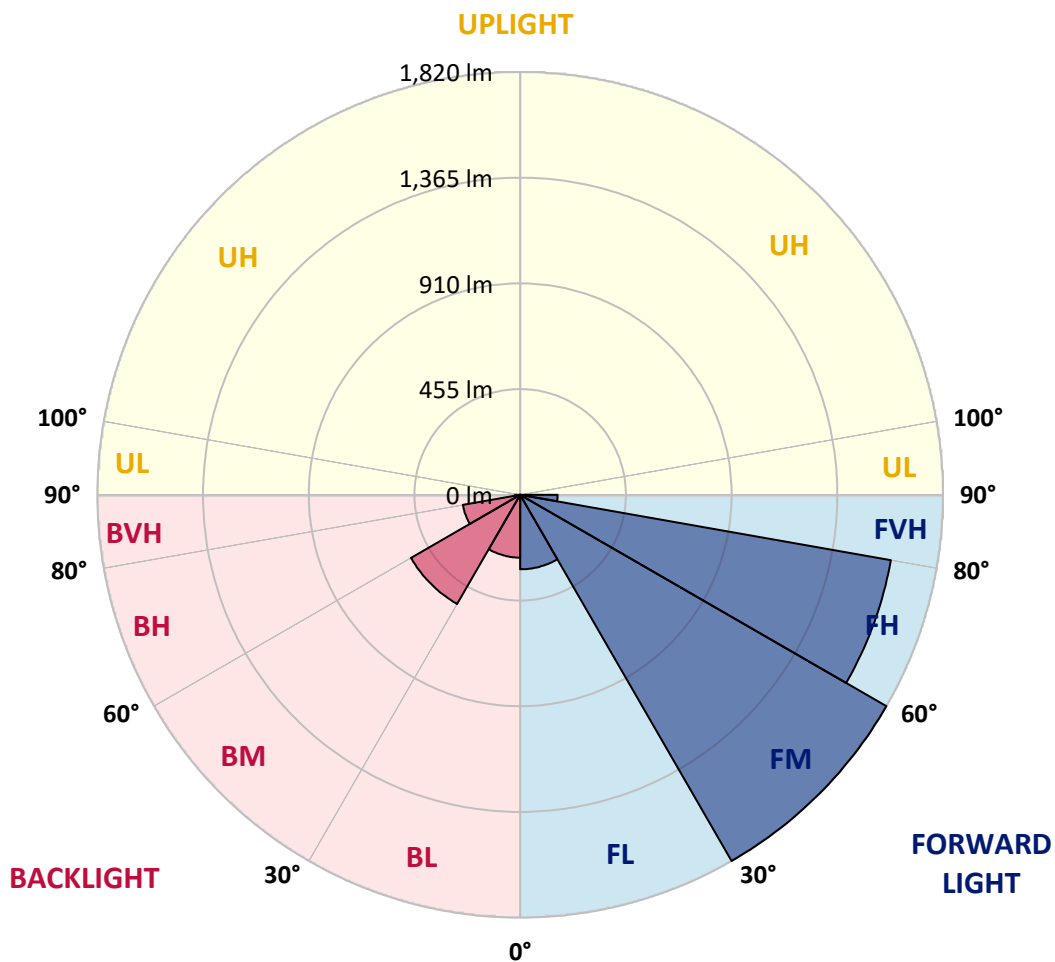
CATALOG NUMBER: ICS-E02-LED-E1-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	320.7	6.4			
FM (30°-60°)	1820.3	36.3			
FH (60°-80°)	1620.4	32.4			G1/1800
FVH (80°-90°)	161.2	3.2			G2/225
BL (0°-30°)	270.4	5.4	B1/500		
BM (30°-60°)	542.9	10.8	B1/1000		
BH (60°-80°)	250.4	5.0	B1/500		G1/500
BVH (80°-90°)	22.5	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-G2

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4
2.5°	621.0	622.2	622.2	621.6	621.6	622.8	622.2	621.6	619.8	622.2	622.2
5°	616.2	617.4	617.4	618.6	619.8	621.0	621.0	622.2	621.6	624.0	625.8
7.5°	622.2	623.4	625.8	628.8	630.6	634.8	634.8	637.8	639.0	640.8	640.2
10°	630.0	633.0	638.4	643.2	646.8	651.6	655.2	659.4	659.4	661.2	662.4
12.5°	643.8	646.8	652.8	658.8	664.2	670.2	675.6	679.8	684.0	685.2	687.6
15°	666.6	670.2	679.2	687.6	694.2	702.0	709.2	717.6	725.4	727.2	728.4
17.5°	700.8	708.0	714.6	729.6	739.2	749.4	760.8	772.8	775.2	787.8	790.8
20°	749.4	758.4	764.4	783.0	799.2	812.4	829.2	843.0	848.4	860.4	872.4
22.5°	833.4	831.6	840.6	859.2	871.2	897.6	912.0	926.5	933.7	951.7	961.3
25°	946.3	955.9	975.7	977.5	988.9	1019.5	1038.1	1052.5	1053.1	1058.5	1068.7
27.5°	1057.3	1096.9	1128.1	1144.9	1175.5	1203.7	1202.5	1222.9	1191.1	1197.7	1207.3
30°	1191.7	1257.7	1316.5	1356.1	1387.3	1420.3	1436.5	1447.9	1434.1	1428.1	1416.7
32.5°	1317.7	1410.1	1500.7	1570.9	1629.1	1683.7	1719.7	1735.9	1755.1	1803.7	1821.1
35°	1404.1	1534.9	1647.7	1749.1	1846.3	1933.3	1996.3	2032.3	2018.5	2011.9	2008.3
37.5°	1455.7	1615.3	1756.3	1899.7	2011.3	2141.5	2239.3	2334.1	2355.7	2317.9	2299.3
40°	1488.1	1677.1	1858.3	2027.5	2172.1	2340.1	2461.3	2603.5	2711.5	2725.9	2681.5
42.5°	1503.7	1718.5	1929.7	2121.1	2316.7	2522.5	2676.1	2848.4	3009.8	3120.8	3093.2
45°	1506.1	1745.5	1981.9	2205.7	2438.5	2682.7	2880.8	3071.6	3287.6	3477.8	3483.2
47.5°	1506.1	1765.9	2017.9	2266.9	2547.7	2822.0	3038.0	3263.6	3528.2	3753.2	3822.2
50°	1507.3	1779.7	2051.5	2314.9	2631.1	2939.6	3183.8	3450.2	3728.6	3973.4	4106.6
52.5°	1512.7	1789.9	2077.9	2349.1	2685.1	3022.4	3297.2	3604.4	3881.6	4133.0	4305.2
55°	1524.7	1804.3	2097.1	2370.1	2721.1	3076.4	3379.4	3710.0	3980.6	4235.6	4476.2
57.5°	1558.3	1829.5	2120.5	2388.7	2740.9	3111.8	3437.0	3755.6	4018.4	4284.2	4566.8
60°	1625.5	1882.9	2160.7	2425.9	2774.0	3177.2	3464.6	3725.0	3990.8	4269.8	4587.2
62.5°	1732.9	1966.3	2216.5	2488.9	2868.2	3278.6	3443.6	3633.8	3882.2	4186.4	4514.6
63°	1770.1	1984.3	2229.1	2502.7	2894.0	3297.2	3434.6	3606.8	3860.0	4160.0	4488.8
65°	1873.9	2064.1	2289.1	2572.3	3000.2	3315.8	3364.4	3466.4	3706.4	4009.4	4336.4
67.5°	2067.7	2257.9	2418.1	2689.9	3089.6	3242.6	3146.6	3159.2	3410.0	3723.8	4017.8
70°	2190.1	2416.9	2500.3	2704.9	3073.4	3134.0	2864.6	2697.7	2898.8	3256.4	3513.8
72.5°	2158.3	2418.7	2409.7	2505.1	2749.3	2805.8	2526.7	2263.9	2383.3	2650.3	2817.2
75°	1848.7	2160.1	2094.1	2074.9	2160.7	2197.9	1988.5	1948.3	2098.9	2247.1	2249.5
77.5°	1330.9	1673.5	1596.1	1485.1	1479.1	1564.9	1593.1	1856.5	2079.1	2196.1	2144.5
80°	847.8	1219.3	1138.9	945.1	942.1	1053.7	1301.5	1659.7	1895.5	1960.9	1826.5
82.5°	442.8	798.0	828.6	709.2	811.8	996.7	1238.5	1337.5	1426.9	1435.9	1277.5
85°	276.0	490.8	577.2	595.8	733.2	883.8	882.0	847.2	807.6	691.2	625.2
87.5°	31.2	61.8	93.6	88.8	119.4	167.4	208.8	122.4	85.8	31.2	43.2
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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CATALOG NUMBER: ICS-E02-LED-E1-SLL

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4
2.5°	623.4	624.0	624.6	624.6	627.6	627.0	627.6	628.8	630.6	631.8	633.0
5°	628.2	628.2	630.6	632.4	636.0	638.4	639.6	643.2	647.4	646.2	649.8
7.5°	643.8	643.2	645.6	646.8	649.8	654.0	653.4	656.4	660.0	661.2	664.2
10°	664.8	663.0	663.0	661.8	662.4	661.2	661.2	661.2	663.6	663.0	665.4
12.5°	686.4	685.8	684.6	681.0	681.0	676.2	673.8	670.8	670.2	666.0	666.6
15°	730.8	730.8	728.4	721.2	715.2	711.0	705.0	700.8	694.8	687.0	682.8
17.5°	795.6	787.2	784.2	783.0	773.4	769.8	756.6	742.8	736.2	725.4	719.4
20°	874.8	873.0	861.0	855.0	843.0	826.2	809.4	791.4	780.6	767.4	760.2
22.5°	964.3	951.1	945.1	936.1	917.4	898.2	873.0	849.0	832.2	823.2	817.8
25°	1068.7	1055.5	1049.5	1037.5	1014.7	994.3	963.1	934.9	919.9	904.8	896.4
27.5°	1207.3	1194.7	1187.5	1156.3	1148.5	1114.9	1076.5	1038.1	1018.3	996.1	981.7
30°	1414.3	1414.9	1377.7	1339.9	1300.9	1242.7	1202.5	1159.3	1126.9	1095.1	1063.3
32.5°	1764.1	1674.7	1605.7	1524.7	1440.1	1378.3	1328.5	1276.9	1231.9	1185.7	1132.9
35°	1977.7	1934.5	1845.1	1696.9	1611.7	1536.7	1481.5	1419.1	1363.9	1282.3	1201.9
37.5°	2218.9	2118.7	2010.1	1927.9	1831.3	1744.3	1651.9	1581.1	1485.7	1375.9	1261.9
40°	2571.1	2427.7	2296.9	2186.5	2061.7	1970.5	1867.3	1764.7	1638.1	1479.1	1322.5
42.5°	2939.0	2790.8	2617.9	2474.5	2327.5	2220.7	2092.9	1948.9	1762.9	1566.1	1374.7
45°	3324.8	3126.8	2919.8	2744.5	2591.5	2458.9	2300.5	2109.7	1882.9	1644.1	1423.3
47.5°	3705.2	3477.8	3231.2	3042.8	2843.6	2681.5	2487.1	2245.9	1976.5	1717.9	1471.9
50°	4040.6	3821.6	3524.6	3285.2	3083.6	2883.8	2641.3	2350.9	2050.3	1781.5	1515.7
52.5°	4329.8	4141.4	3828.8	3526.4	3294.2	3069.8	2765.6	2435.5	2124.7	1840.3	1551.7
55°	4542.2	4416.8	4128.8	3753.8	3479.6	3212.0	2870.6	2517.1	2194.9	1887.1	1575.1
57.5°	4702.5	4632.9	4385.6	3968.0	3650.0	3350.0	2979.2	2614.9	2264.5	1927.3	1585.9
60°	4790.1	4809.3	4580.0	4155.2	3800.6	3465.2	3087.8	2698.3	2316.1	1950.7	1579.9
62.5°	4781.7	4899.3	4725.9	4270.4	3888.2	3533.6	3161.0	2737.3	2308.9	1913.5	1525.3
63°	4765.5	4902.3	4742.1	4278.2	3893.6	3536.0	3162.8	2731.9	2293.9	1895.5	1503.7
65°	4625.7	4833.3	4728.3	4242.8	3845.6	3491.0	3125.0	2653.9	2188.3	1798.9	1392.7
67.5°	4251.2	4511.0	4481.0	3992.6	3618.2	3305.0	2931.8	2402.5	1927.3	1561.3	1180.3
70°	3632.6	3876.8	3882.2	3472.4	3159.8	2852.6	2542.3	1954.9	1527.7	1210.3	880.2
72.5°	2784.2	2941.4	2996.0	2725.9	2516.5	2300.5	2022.1	1419.1	1089.1	823.2	573.0
75°	2155.9	2112.7	2112.1	1998.1	1912.9	1807.3	1501.3	957.7	715.2	535.2	350.4
77.5°	1938.1	1746.1	1560.1	1423.3	1354.9	1319.5	984.7	577.2	421.8	307.8	201.6
80°	1598.5	1315.3	1062.7	915.0	856.2	897.0	549.0	312.0	231.0	175.2	130.8
82.5°	1102.3	915.0	695.4	576.0	494.4	517.2	280.8	159.6	106.8	97.8	81.0
85°	574.2	503.4	424.8	364.8	322.2	283.2	145.8	76.2	44.4	39.0	35.4
87.5°	0.0	0.6	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°	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4
2.5°	634.8	634.2	635.4	636.0	637.8	639.0	639.6	638.4	640.2	642.0	640.8
5°	651.6	655.8	656.4	658.2	658.2	661.8	661.8	661.8	661.2	661.8	660.6
7.5°	666.0	671.4	672.0	674.4	675.0	679.2	677.4	678.6	678.6	675.6	674.4
10°	667.8	673.2	676.2	679.2	683.4	688.8	688.8	691.8	691.8	689.4	688.8
12.5°	668.4	672.6	675.6	679.8	685.8	693.6	697.8	702.0	703.8	703.2	701.4
15°	681.0	681.0	681.6	685.2	689.4	699.0	705.0	709.8	712.8	711.6	708.6
17.5°	714.0	709.2	705.6	699.6	700.8	705.6	709.2	713.4	714.0	712.8	708.0
20°	752.4	746.4	737.4	727.8	723.0	719.4	717.0	717.0	715.2	709.2	701.4
22.5°	807.0	799.2	786.6	772.2	762.6	751.2	737.4	724.2	709.8	695.4	678.6
25°	882.6	871.8	858.6	836.4	816.0	792.0	763.8	734.4	700.2	670.2	645.6
27.5°	958.9	934.9	900.6	870.0	832.2	796.2	756.0	720.0	676.2	640.2	613.2
30°	1021.9	976.3	927.1	878.4	828.6	780.0	732.0	688.8	640.8	604.2	577.8
32.5°	1070.5	1007.5	939.1	875.4	814.2	754.8	699.6	651.6	603.0	565.2	537.0
35°	1115.5	1027.9	940.9	862.2	786.6	724.8	662.4	610.2	558.6	519.0	488.4
37.5°	1149.1	1037.5	930.1	837.6	750.6	681.6	618.0	564.6	511.8	468.6	433.8
40°	1170.7	1031.5	906.6	802.2	708.0	635.4	570.6	515.4	464.4	417.0	375.0
42.5°	1188.1	1023.7	883.2	769.8	674.4	595.2	528.6	469.2	417.6	366.0	319.8
45°	1213.9	1029.7	873.0	747.0	644.4	561.0	487.8	426.0	372.0	321.6	277.2
47.5°	1239.1	1032.7	858.0	718.8	606.6	525.6	451.2	391.2	336.0	289.8	249.0
50°	1261.9	1030.9	834.6	682.8	570.0	490.2	418.2	358.2	303.6	261.0	222.6
52.5°	1272.7	1020.7	805.8	648.0	540.6	459.0	385.8	327.6	273.6	233.4	198.0
55°	1271.5	994.3	768.0	615.0	508.2	426.0	354.0	296.4	247.8	210.6	180.0
57.5°	1253.5	953.5	727.8	578.4	465.6	385.2	316.8	261.0	220.2	189.0	163.2
60°	1215.7	901.2	675.0	525.0	412.2	334.8	270.6	222.6	189.6	165.6	148.8
62.5°	1144.9	826.2	609.0	450.6	340.2	269.4	213.6	182.4	157.8	143.4	135.6
63°	1123.9	805.8	580.8	432.6	323.4	254.4	201.6	169.2	151.2	138.6	131.4
65°	1019.5	705.6	486.0	349.2	251.4	196.2	162.0	137.4	126.6	121.2	120.6
67.5°	825.6	555.0	343.8	239.4	171.0	141.6	124.2	114.0	109.2	108.0	109.2
70°	579.6	350.4	218.4	159.0	126.6	114.0	106.2	102.0	99.0	99.6	100.8
72.5°	369.6	210.0	150.0	120.6	106.8	100.2	96.6	95.4	94.8	94.2	94.2
75°	210.6	139.8	115.2	104.4	97.2	91.8	88.8	87.6	88.2	88.8	87.6
77.5°	139.2	115.2	102.6	95.4	88.8	82.8	81.0	80.4	81.6	82.8	82.8
80°	109.8	102.6	95.4	88.2	77.4	73.2	74.4	75.0	74.4	75.0	73.2
82.5°	77.4	76.2	78.0	75.0	64.2	60.6	59.4	60.0	58.8	58.8	57.6
85°	36.0	36.0	37.8	37.8	36.6	37.2	40.2	43.8	45.6	43.8	41.4
87.5°	0.0	0.0	0.0	0.0	0.0	5.4	10.8	15.6	16.8	21.0	20.4
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: P181028

CATALOG NUMBER: ICS-E02-LED-E1-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4
2.5°	639.0	640.2	639.6	639.0	640.2	639.0	639.6	639.0	639.0	638.4	638.4
5°	659.4	661.2	657.6	657.0	655.8	652.8	652.8	651.6	651.6	649.2	647.4
7.5°	672.6	673.2	670.2	669.6	666.6	663.6	661.2	658.8	658.2	656.4	652.8
10°	685.2	684.0	681.6	678.6	675.6	671.4	668.4	665.4	664.8	661.8	657.6
12.5°	696.0	695.4	690.6	687.6	682.8	678.6	675.0	671.4	669.6	666.0	660.0
15°	703.2	699.6	693.6	688.2	682.8	678.0	673.8	669.6	667.8	663.6	657.6
17.5°	700.2	693.6	685.8	679.2	672.0	666.0	662.4	658.2	655.2	652.8	644.4
20°	689.4	679.8	667.8	660.0	650.4	642.6	640.2	636.0	633.6	624.6	613.8
22.5°	661.2	647.4	632.4	621.0	610.2	602.4	596.4	592.2	586.2	580.8	564.0
25°	625.8	610.2	594.6	580.8	566.4	554.4	543.6	533.4	530.4	519.0	502.8
27.5°	591.6	574.2	558.6	542.4	523.8	508.8	490.2	475.8	466.2	454.2	439.2
30°	555.0	537.6	516.6	495.0	473.4	457.2	436.2	418.8	406.8	394.2	380.4
32.5°	508.8	487.8	462.6	438.6	418.8	399.6	378.6	361.8	349.8	338.4	325.2
35°	456.0	428.4	401.4	375.0	354.0	337.8	319.2	306.6	298.2	288.0	274.2
37.5°	395.4	364.2	335.4	315.0	296.4	280.8	267.6	259.8	250.8	245.4	237.0
40°	334.2	303.6	275.4	256.8	241.2	232.2	225.0	223.2	217.2	210.0	204.6
42.5°	280.2	250.8	223.2	208.2	198.0	195.6	192.0	192.0	189.0	183.6	180.0
45°	243.6	213.0	189.0	178.2	172.8	172.2	170.4	170.4	169.8	167.4	163.2
47.5°	217.2	189.6	171.0	164.4	163.2	162.0	160.2	159.6	159.0	157.2	154.8
50°	193.2	169.8	157.8	154.8	155.4	153.6	151.8	150.0	149.4	147.6	145.2
52.5°	171.0	154.2	146.4	144.6	144.6	144.6	143.4	143.4	142.2	141.6	139.2
55°	158.4	145.8	141.6	141.0	140.4	139.8	138.6	138.6	137.4	136.8	133.8
57.5°	147.6	139.8	137.4	136.2	135.6	134.4	133.8	133.8	133.8	133.8	130.2
60°	139.2	135.6	135.0	133.8	133.2	130.8	129.6	129.0	129.6	130.2	126.6
62.5°	130.2	129.6	129.0	127.8	127.2	124.8	123.0	121.8	123.0	124.2	123.6
63°	127.8	127.2	127.2	126.6	126.0	123.0	121.2	120.0	121.2	122.4	122.4
65°	119.4	120.0	120.0	119.4	118.8	117.0	114.6	113.4	114.0	115.8	116.4
67.5°	110.4	111.0	110.4	111.0	110.4	109.2	107.4	106.2	105.6	106.2	106.8
70°	102.0	103.2	102.6	102.0	101.4	101.4	100.2	98.4	97.8	97.2	97.2
72.5°	94.8	94.8	93.6	93.6	93.0	93.0	91.8	90.0	89.4	89.4	88.2
75°	87.0	87.0	85.2	85.2	84.0	84.6	83.4	81.6	81.0	81.0	80.4
77.5°	82.2	80.4	77.4	76.8	76.2	76.2	75.6	73.8	73.2	73.2	72.6
80°	72.6	69.0	66.0	65.4	66.0	67.2	67.2	66.0	66.0	66.0	66.0
82.5°	56.4	55.2	53.4	52.2	52.2	54.0	56.4	57.6	58.8	60.0	60.0
85°	41.4	42.0	41.4	39.6	39.0	40.8	43.2	45.6	46.2	48.6	48.0
87.5°	22.2	22.8	21.0	20.4	22.2	23.4	25.8	26.4	27.6	28.2	28.8
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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4
2.5°	637.8	637.2	637.8	636.6	636.6	635.4	634.2	633.6	632.4	631.8	630.6
5°	648.6	646.8	645.0	644.4	642.0	639.6	637.8	634.8	632.4	628.2	627.0
7.5°	655.8	651.6	649.2	648.6	645.0	643.2	639.0	635.4	631.8	626.4	624.6
10°	658.8	654.6	650.4	648.6	644.4	641.4	637.2	631.8	628.8	623.4	622.2
12.5°	662.4	654.6	648.0	643.2	637.2	630.6	626.4	623.4	619.2	616.2	615.0
15°	655.8	645.6	635.4	626.4	616.8	609.6	605.4	600.6	595.8	594.0	594.0
17.5°	637.8	624.6	607.2	595.8	585.6	577.8	572.4	567.6	567.0	564.6	565.8
20°	600.6	583.2	566.4	558.0	552.0	547.2	541.8	539.4	537.6	534.0	532.8
22.5°	549.0	534.6	522.6	516.6	511.8	505.8	501.0	493.8	492.0	488.4	486.6
25°	492.0	480.6	470.4	466.2	463.2	454.8	451.8	442.2	435.6	431.4	433.8
27.5°	435.0	426.6	417.0	411.6	409.8	402.0	399.0	388.2	382.8	382.8	376.8
30°	376.2	368.4	362.4	356.4	355.2	345.6	337.8	333.6	327.6	325.2	321.0
32.5°	321.0	313.2	308.4	305.4	300.6	292.8	285.0	277.8	268.2	264.6	262.8
35°	270.0	264.0	258.0	255.6	249.0	240.6	231.0	225.0	213.6	209.4	207.6
37.5°	231.0	223.8	219.6	213.0	206.4	197.4	190.2	184.8	180.6	178.8	178.8
40°	199.8	194.4	189.6	184.2	178.8	174.0	170.4	169.2	168.6	168.6	169.8
42.5°	176.4	171.6	169.2	166.2	164.4	164.4	163.8	164.4	165.0	165.6	167.4
45°	160.8	157.8	156.6	156.0	157.2	158.4	159.0	160.2	162.6	163.8	164.4
47.5°	152.4	150.0	149.4	150.0	151.8	154.2	156.6	158.4	160.2	160.8	161.4
50°	144.0	141.0	139.8	141.0	143.4	147.0	148.8	151.8	153.0	154.2	153.0
52.5°	136.8	134.4	133.8	133.8	136.2	138.6	141.0	143.4	144.0	144.0	143.4
55°	130.8	129.0	127.2	128.4	130.2	132.6	136.2	138.0	139.2	139.8	139.8
57.5°	126.0	124.2	122.4	123.6	125.4	127.8	131.4	133.2	134.4	136.2	136.8
60°	122.4	120.0	118.2	120.0	121.8	125.4	128.4	130.2	133.2	133.8	133.8
62.5°	118.8	116.4	113.4	115.2	115.2	117.0	120.0	122.4	125.4	126.6	126.6
63°	118.2	115.8	112.8	114.0	114.0	115.2	117.6	120.0	123.6	124.8	124.2
65°	113.4	112.8	109.8	109.8	108.6	109.8	111.6	114.0	115.8	117.6	117.6
67.5°	105.6	105.0	104.4	104.4	104.4	105.6	106.8	108.6	110.4	111.6	111.0
70°	96.6	96.6	96.6	97.2	97.2	98.4	99.0	98.4	100.2	101.4	100.8
72.5°	88.8	88.2	87.6	88.8	88.2	88.2	89.4	88.8	90.6	90.6	91.2
75°	80.4	79.8	79.8	80.4	79.2	78.0	78.6	78.6	79.2	79.2	80.4
77.5°	73.2	73.2	73.2	72.6	71.4	70.8	70.2	70.2	70.2	70.2	70.8
80°	66.6	66.6	66.6	66.0	64.8	63.6	62.4	61.8	61.2	58.2	58.2
82.5°	60.0	60.0	60.0	60.0	59.4	58.2	56.4	51.6	49.2	46.8	47.4
85°	47.4	48.6	49.8	51.6	51.0	51.0	47.4	41.4	37.8	35.4	36.0
87.5°	30.6	27.0	27.0	26.4	25.2	24.0	24.0	20.4	16.8	15.0	15.6
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°	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	0°
2.5°	630.6	629.4	628.2	628.2	626.4	626.4	625.2	627.6	625.2	623.4	623.4	2.5°
5°	625.8	624.6	621.0	620.4	618.0	618.0	618.0	616.8	616.8	615.6	615.0	5°
7.5°	622.8	619.8	616.8	615.0	615.0	613.8	616.2	615.0	615.6	615.6	616.2	7.5°
10°	620.4	618.0	616.8	616.2	616.2	618.0	619.8	620.4	619.8	620.4	620.4	10°
12.5°	614.4	615.6	616.2	618.6	621.6	625.2	629.4	630.0	631.2	631.2	632.4	12.5°
15°	595.2	598.2	601.8	607.8	615.6	623.4	631.2	637.8	643.8	646.8	649.2	15°
17.5°	568.2	571.2	577.8	584.4	594.6	606.0	619.2	630.6	643.2	654.6	666.0	17.5°
20°	531.6	536.4	538.2	550.2	562.2	577.8	593.4	611.4	633.0	654.6	676.8	20°
22.5°	484.2	489.6	498.0	507.6	520.2	539.4	558.0	586.2	615.0	645.6	680.4	22.5°
25°	431.4	437.4	444.6	454.8	467.4	487.8	514.8	544.8	580.2	620.4	663.6	25°
27.5°	376.8	382.8	388.8	396.0	410.4	432.0	463.8	495.0	534.0	577.8	628.2	27.5°
30°	322.2	322.8	326.4	335.4	350.4	378.6	402.0	441.0	481.8	528.0	586.2	30°
32.5°	262.2	261.6	265.8	273.6	288.0	315.0	343.8	381.6	421.8	480.0	540.0	32.5°
35°	208.8	208.8	216.6	224.4	240.6	259.8	285.0	318.6	366.0	420.0	480.0	35°
37.5°	180.6	184.8	189.6	197.4	210.0	225.0	247.2	276.6	313.8	365.4	420.6	37.5°
40°	171.6	174.0	178.2	185.4	196.2	210.0	226.2	248.4	277.2	318.6	369.0	40°
42.5°	168.0	168.6	171.0	176.4	186.0	199.8	216.6	236.4	258.0	287.4	331.2	42.5°
45°	164.4	163.8	165.0	169.2	177.0	192.6	211.8	233.4	255.0	279.6	315.6	45°
47.5°	161.4	161.4	161.4	163.2	170.4	186.0	208.2	233.4	259.2	286.8	322.2	47.5°
50°	153.0	152.4	152.4	153.6	159.0	175.8	202.2	232.8	266.4	302.4	342.6	50°
52.5°	143.4	143.4	144.0	144.6	149.4	166.2	195.6	232.8	274.8	322.8	373.2	52.5°
55°	140.4	141.0	141.6	141.0	144.6	159.0	188.4	229.2	278.4	339.0	406.2	55°
57.5°	138.0	139.2	139.2	138.6	141.0	153.0	181.2	222.0	275.4	345.0	429.6	57.5°
60°	134.4	134.4	134.4	132.6	133.8	144.6	170.4	210.6	265.8	339.6	433.2	60°
62.5°	126.6	126.6	125.4	124.8	124.2	132.6	156.0	193.8	248.4	325.2	424.2	62.5°
63°	124.8	124.2	124.2	122.4	122.4	130.2	153.0	191.4	243.6	321.6	420.6	63°
65°	118.2	118.2	118.2	117.0	116.4	122.4	141.0	174.6	225.0	304.8	402.6	65°
67.5°	111.0	111.6	110.4	109.8	109.2	112.8	127.2	153.6	196.2	269.4	369.0	67.5°
70°	100.8	101.4	101.4	100.8	100.2	102.6	111.6	132.0	162.6	224.4	314.4	70°
72.5°	91.8	93.0	93.0	94.2	94.2	96.0	99.6	109.8	130.2	175.2	247.2	72.5°
75°	82.2	82.8	84.0	85.2	84.0	83.4	84.0	91.8	102.0	129.6	176.4	75°
77.5°	73.8	75.6	75.6	75.0	73.2	72.0	72.0	75.6	84.0	98.4	126.0	77.5°
80°	61.2	64.2	64.8	63.0	61.2	61.2	62.4	64.8	70.2	81.0	95.4	80°
82.5°	49.2	52.2	52.8	53.4	52.8	54.6	54.6	55.2	58.2	66.6	78.0	82.5°
85°	37.8	40.2	42.0	42.6	43.2	43.8	43.2	40.2	42.0	47.4	52.8	85°
87.5°	16.8	17.4	16.2	16.8	16.2	16.8	17.4	14.4	13.8	18.6	19.2	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: P181028

NUMBER: ICS-E02-LED-E1-SLL

DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
629.4	629.4	629.4	629.4	629.4	629.4	629.4
622.8	622.8	623.4	622.2	622.2	622.8	621.0
613.2	615.6	615.6	615.6	614.4	615.6	616.2
615.6	617.4	618.6	618.6	618.0	620.4	622.2
618.6	621.6	622.8	622.8	622.8	625.8	630.0
630.0	632.4	634.2	634.2	635.4	639.0	643.8
651.0	654.0	654.0	653.4	657.0	661.2	666.6
674.4	682.8	687.0	686.4	689.4	694.8	700.8
696.6	720.0	730.2	737.4	740.4	747.6	749.4
715.2	754.2	782.4	806.4	817.8	825.0	833.4
708.6	761.4	811.8	861.0	895.8	931.3	946.3
681.6	747.6	813.6	885.6	948.7	1011.7	1057.3
648.6	727.8	816.6	918.6	1018.3	1114.9	1191.7
610.8	709.2	823.2	949.3	1080.1	1206.7	1317.7
563.4	673.8	807.0	952.3	1106.5	1260.1	1404.1
503.4	625.8	769.2	930.7	1107.7	1283.5	1455.7
443.4	565.2	721.2	899.4	1092.1	1288.9	1488.1
401.4	511.2	672.6	859.8	1066.9	1280.5	1503.7
372.6	472.2	629.4	823.8	1039.9	1265.5	1506.1
370.2	455.4	601.2	797.4	1018.3	1252.3	1506.1
390.6	464.4	591.6	784.2	1009.3	1248.1	1507.3
429.0	500.4	609.0	794.4	1016.5	1253.5	1512.7
475.2	555.0	655.8	829.8	1047.1	1271.5	1524.7
517.2	618.0	735.6	898.2	1102.9	1317.1	1558.3
541.8	672.0	820.2	994.3	1198.3	1407.7	1625.5
544.8	702.0	895.2	1098.7	1314.1	1511.5	1732.9
542.4	704.4	904.8	1118.5	1338.7	1537.3	1770.1
529.2	705.0	931.9	1188.1	1423.9	1645.9	1873.9
495.6	685.8	941.5	1242.7	1531.3	1788.7	2067.7
437.4	631.2	913.2	1243.9	1572.7	1868.5	2190.1
351.6	527.4	791.4	1131.7	1463.5	1789.9	2158.3
257.4	387.6	598.2	876.6	1194.1	1489.9	1848.7
171.0	250.8	403.2	624.6	856.2	1072.3	1330.9
117.6	155.4	235.8	375.6	523.8	628.8	847.8
86.4	102.6	130.8	192.0	252.0	310.2	442.8
54.0	58.8	65.4	94.8	135.6	183.0	276.0
14.4	15.0	13.8	18.6	29.4	28.2	31.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)