

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: P181033

Luminaire Tested: **ICS-F02-LED-E1-SLL**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181033
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-F02-LED-E1-SLL
Description: ICON SITE SMALL LED LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (14) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4134.8 lumens
Efficiency: N/A
Efficacy: 75.2 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

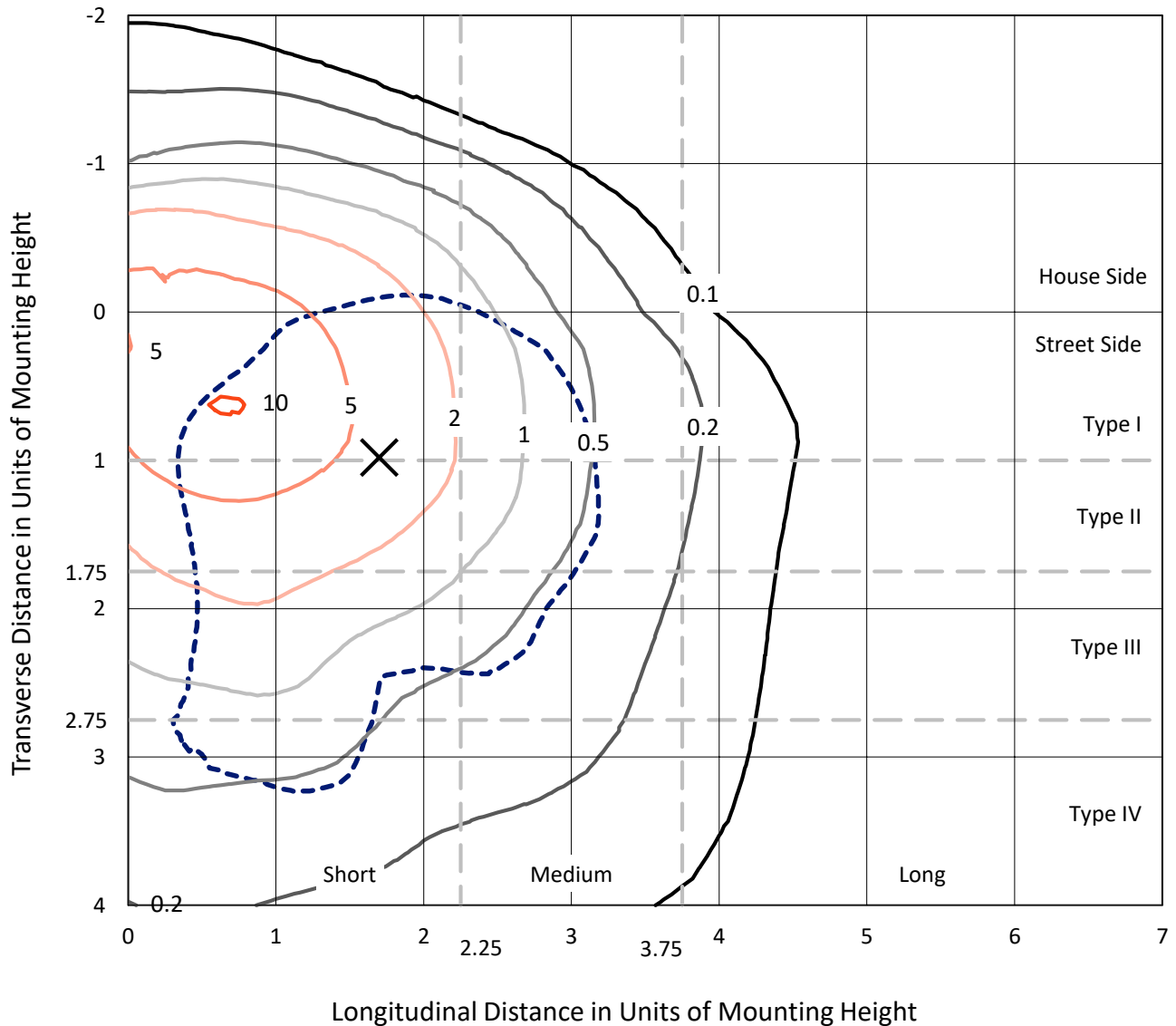
Input Watts (W): 55
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

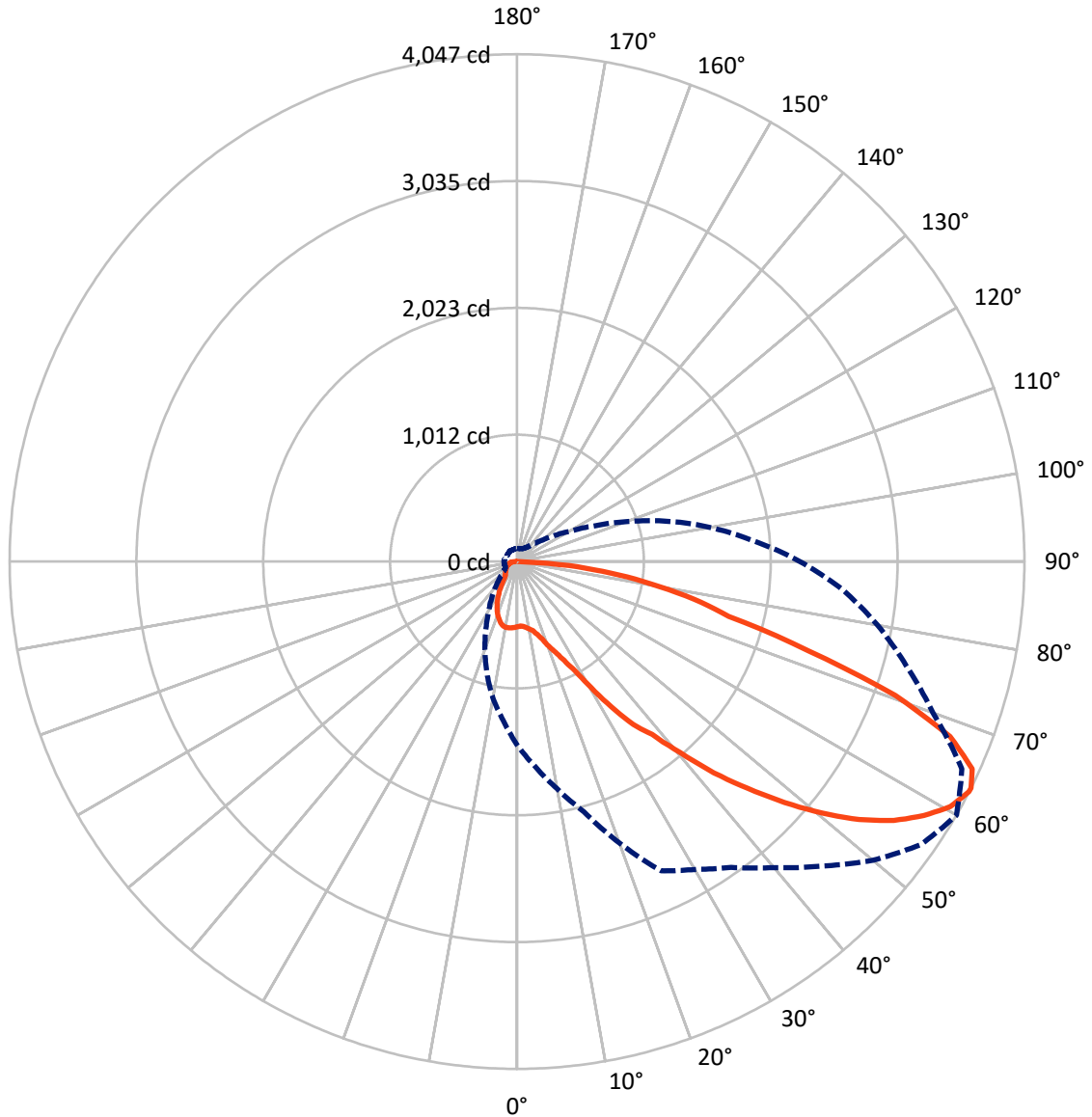
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 10.3 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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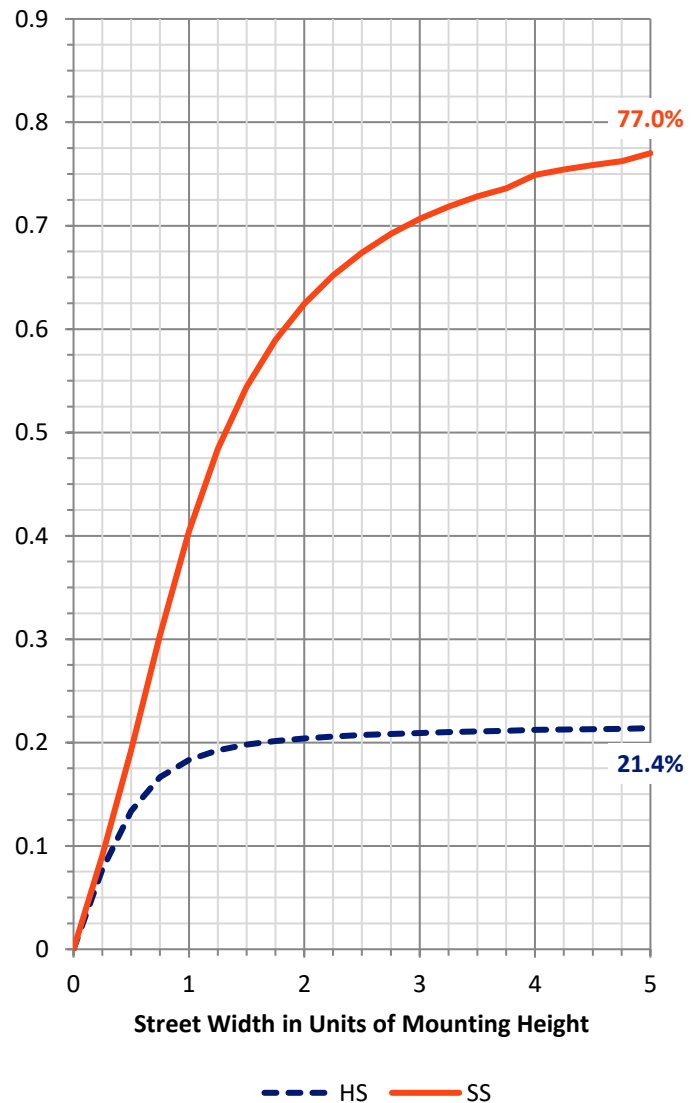
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	896.6	0.0	896.6
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	3238.2	0.0	3238.2
	% Fixture	78.3	0.0	78.3
Total	Lumens	4134.8	0.0	4134.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.6	1.2
10°-20°	157.5	3.8
20°-30°	279.9	6.8
30°-40°	440.7	10.7
40°-50°	648.6	15.7
50°-60°	861.5	20.8
60°-70°	949.0	23.0
70°-80°	595.4	14.4
80°-90°	151.6	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°	4134.8	100.0
0°-180°	4134.8	100.0



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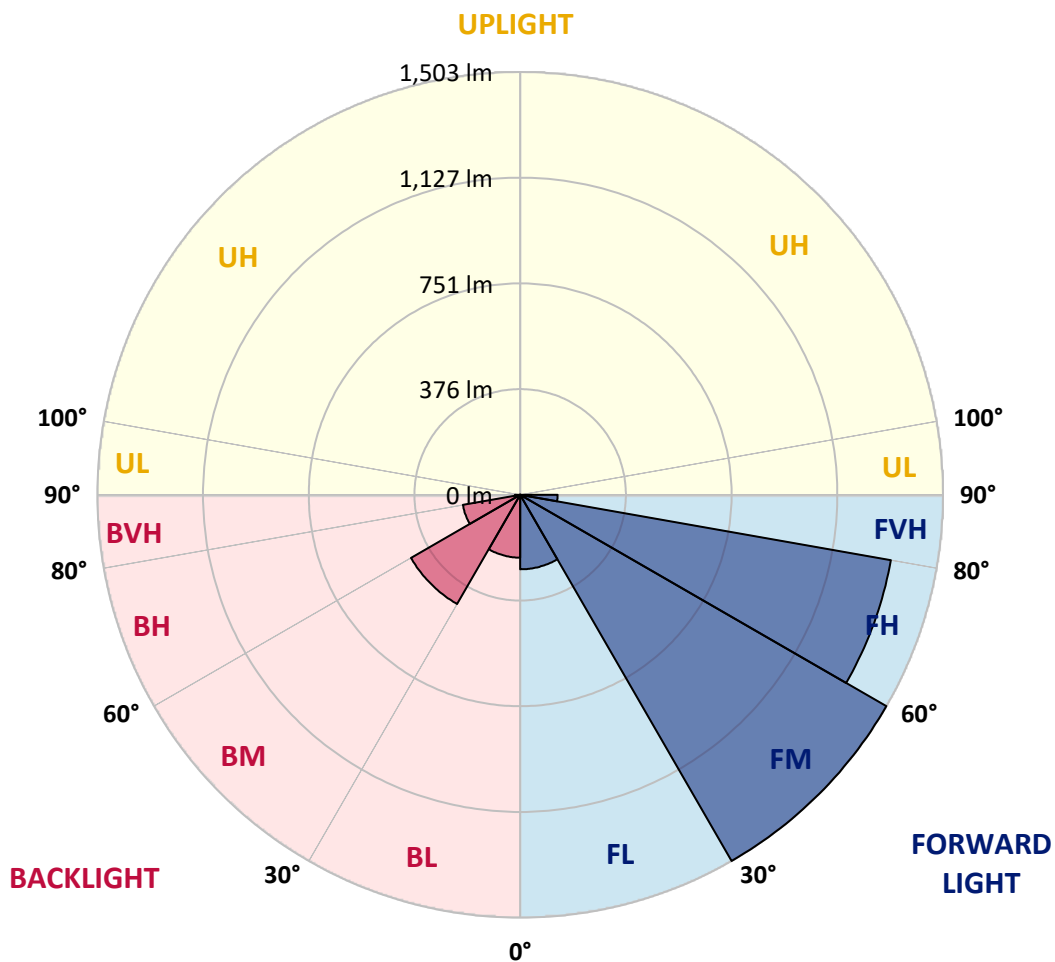
CATALOG NUMBER: ICS-F02-LED-E1-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	264.8	6.4			
FM	(30°-60°)	1502.7	36.3			
FH	(60°-80°)	1337.7	32.4			G1/1800
FVH	(80°-90°)	133.1	3.2			G2/225
BL	(0°-30°)	223.2	5.4	B1/500		
BM	(30°-60°)	448.1	10.8	B1/1000		
BH	(60°-80°)	206.7	5.0	B1/500		G1/500
BVH	(80°-90°)	18.6	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°	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6
2.5°	512.7	513.7	513.7	513.2	513.2	514.2	513.7	513.2	511.7	513.7	513.7
5°	508.7	509.7	509.7	510.7	511.7	512.7	512.7	513.7	513.2	515.2	516.6
7.5°	513.7	514.7	516.6	519.1	520.6	524.1	524.1	526.5	527.5	529.0	528.5
10°	520.1	522.6	527.0	531.0	534.0	537.9	540.9	544.4	544.4	545.9	546.9
12.5°	531.5	534.0	538.9	543.9	548.3	553.3	557.8	561.2	564.7	565.7	567.7
15°	550.3	553.3	560.7	567.7	573.1	579.6	585.5	592.4	598.9	600.4	601.3
17.5°	578.6	584.5	590.0	602.3	610.3	618.7	628.1	638.0	640.0	650.4	652.9
20°	618.7	626.1	631.1	646.4	659.8	670.7	684.6	696.0	700.4	710.3	720.2
22.5°	688.0	686.5	694.0	709.3	719.2	741.0	752.9	764.8	770.8	785.6	793.5
25°	781.2	789.1	805.4	806.9	816.3	841.6	856.9	868.8	869.3	873.8	882.2
27.5°	872.8	905.5	931.2	945.1	970.4	993.7	992.7	1009.5	983.3	988.7	996.6
30°	983.7	1038.2	1086.8	1119.5	1145.2	1172.5	1185.8	1195.3	1183.9	1178.9	1169.5
32.5°	1087.8	1164.1	1238.9	1296.8	1344.9	1389.9	1419.6	1433.0	1448.9	1489.0	1503.4
35°	1159.1	1267.1	1360.2	1443.9	1524.2	1596.0	1648.0	1677.7	1666.3	1660.9	1657.9
37.5°	1201.7	1333.5	1449.9	1568.3	1660.4	1767.9	1848.6	1926.9	1944.7	1913.5	1898.2
40°	1228.4	1384.5	1534.1	1673.8	1793.1	1931.8	2031.9	2149.3	2238.5	2250.3	2213.7
42.5°	1241.3	1418.7	1593.0	1751.0	1912.5	2082.4	2209.2	2351.4	2484.6	2576.3	2553.5
45°	1243.3	1440.9	1636.1	1820.9	2013.1	2214.7	2378.1	2535.7	2714.0	2871.0	2875.5
47.5°	1243.3	1457.8	1665.8	1871.4	2103.2	2329.6	2507.9	2694.2	2912.6	3098.4	3155.3
50°	1244.3	1469.2	1693.6	1911.0	2172.1	2426.7	2628.3	2848.2	3078.1	3280.2	3390.1
52.5°	1248.8	1477.6	1715.4	1939.3	2216.7	2495.0	2721.9	2975.5	3204.4	3411.9	3554.1
55°	1258.7	1489.5	1731.2	1956.6	2246.4	2539.6	2789.8	3062.7	3286.1	3496.6	3695.3
57.5°	1286.4	1510.3	1750.5	1972.0	2262.7	2568.8	2837.3	3100.3	3317.3	3536.7	3770.0
60°	1341.9	1554.4	1783.7	2002.7	2290.0	2622.8	2860.1	3075.1	3294.5	3524.9	3786.9
62.5°	1430.5	1623.2	1829.8	2054.7	2367.7	2706.5	2842.8	2999.8	3204.9	3456.0	3727.0
63°	1461.3	1638.1	1840.2	2066.1	2389.0	2721.9	2835.3	2977.5	3186.5	3434.2	3705.7
65°	1547.0	1704.0	1889.7	2123.5	2476.7	2737.3	2777.4	2861.6	3059.7	3309.9	3579.8
67.5°	1706.9	1864.0	1996.2	2220.6	2550.5	2676.8	2597.6	2608.0	2815.0	3074.1	3316.8
70°	1808.0	1995.2	2064.1	2233.0	2537.1	2587.2	2364.8	2227.1	2393.0	2688.2	2900.7
72.5°	1781.7	1996.7	1989.3	2068.1	2269.7	2316.2	2085.9	1868.9	1967.5	2187.9	2325.6
75°	1526.1	1783.2	1728.7	1712.9	1783.7	1814.4	1641.6	1608.4	1732.7	1855.1	1857.0
77.5°	1098.7	1381.5	1317.6	1226.0	1221.0	1291.9	1315.1	1532.6	1716.4	1813.0	1770.4
80°	699.9	1006.5	940.2	780.2	777.7	869.8	1074.4	1370.1	1564.8	1618.8	1507.8
82.5°	365.6	658.8	684.1	585.5	670.2	822.8	1022.4	1104.1	1177.9	1185.4	1054.6
85°	227.9	405.2	476.5	491.9	605.3	729.6	728.2	699.4	666.7	570.6	516.1
87.5°	25.8	51.0	77.3	73.3	98.6	138.2	172.4	101.0	70.8	25.8	35.7
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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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6
2.5°	514.7	515.2	515.7	515.7	518.1	517.6	518.1	519.1	520.6	521.6	522.6
5°	518.6	518.6	520.6	522.1	525.1	527.0	528.0	531.0	534.5	533.5	536.5
7.5°	531.5	531.0	533.0	534.0	536.5	539.9	539.4	541.9	544.9	545.9	548.3
10°	548.8	547.4	547.4	546.4	546.9	545.9	545.9	545.9	547.8	547.4	549.3
12.5°	566.7	566.2	565.2	562.2	562.2	558.3	556.3	553.8	553.3	549.8	550.3
15°	603.3	603.3	601.3	595.4	590.4	587.0	582.0	578.6	573.6	567.2	563.7
17.5°	656.8	649.9	647.4	646.4	638.5	635.5	624.6	613.2	607.8	598.9	593.9
20°	722.2	720.7	710.8	705.9	696.0	682.1	668.2	653.4	644.4	633.5	627.6
22.5°	796.0	785.1	780.2	772.7	757.4	741.5	720.7	700.9	687.0	679.6	675.2
25°	882.2	871.3	866.4	856.4	837.6	820.8	795.0	771.7	759.4	747.0	740.0
27.5°	996.6	986.2	980.3	954.5	948.1	920.3	888.6	856.9	840.6	822.3	810.4
30°	1167.5	1168.0	1137.3	1106.1	1073.9	1025.9	992.7	957.0	930.3	904.0	877.7
32.5°	1456.3	1382.5	1325.5	1258.7	1188.8	1137.8	1096.7	1054.1	1016.9	978.8	935.2
35°	1632.6	1597.0	1523.2	1400.8	1330.5	1268.6	1223.0	1171.5	1125.9	1058.5	992.2
37.5°	1831.8	1749.1	1659.4	1591.5	1511.8	1440.0	1363.7	1305.2	1226.5	1135.8	1041.7
40°	2122.5	2004.2	1896.2	1805.0	1702.0	1626.7	1541.5	1456.8	1352.3	1221.0	1091.7
42.5°	2426.2	2303.8	2161.2	2042.8	1921.4	1833.3	1727.8	1608.9	1455.3	1292.8	1134.8
45°	2744.7	2581.2	2410.3	2265.7	2139.4	2029.9	1899.1	1741.6	1554.4	1357.2	1175.0
47.5°	3058.7	2871.0	2667.4	2511.9	2347.4	2213.7	2053.2	1854.1	1631.7	1418.2	1215.1
50°	3335.6	3154.8	2909.6	2712.0	2545.6	2380.6	2180.5	1940.7	1692.6	1470.7	1251.2
52.5°	3574.4	3418.8	3160.8	2911.1	2719.4	2534.2	2283.0	2010.6	1754.0	1519.2	1281.0
55°	3749.7	3646.2	3408.4	3098.9	2872.5	2651.6	2369.7	2078.0	1812.0	1557.9	1300.3
57.5°	3882.0	3824.5	3620.5	3275.7	3013.2	2765.5	2459.4	2158.7	1869.4	1591.0	1309.2
60°	3954.3	3970.2	3780.9	3430.2	3137.5	2860.6	2549.0	2227.6	1912.0	1610.4	1304.2
62.5°	3947.4	4044.5	3901.3	3525.3	3209.8	2917.1	2609.5	2259.7	1906.1	1579.6	1259.2
63°	3934.0	4046.9	3914.7	3531.8	3214.3	2919.0	2610.9	2255.3	1893.7	1564.8	1241.3
65°	3818.6	3990.0	3903.3	3502.6	3174.6	2881.9	2579.7	2190.9	1806.5	1485.0	1149.7
67.5°	3509.5	3724.0	3699.2	3296.0	2986.9	2728.3	2420.2	1983.3	1591.0	1288.9	974.3
70°	2998.8	3200.4	3204.9	2866.5	2608.5	2354.9	2098.8	1613.8	1261.1	999.1	726.7
72.5°	2298.4	2428.2	2473.2	2250.3	2077.5	1899.1	1669.3	1171.5	899.0	679.6	473.1
75°	1779.8	1744.1	1743.6	1649.5	1579.1	1492.0	1239.3	790.6	590.4	441.8	289.3
77.5°	1600.0	1441.4	1287.9	1175.0	1118.5	1089.3	812.9	476.5	348.2	254.1	166.4
80°	1319.6	1085.8	877.3	755.4	706.9	740.5	453.2	257.6	190.7	144.6	108.0
82.5°	909.9	755.4	574.1	475.5	408.2	427.0	231.8	131.8	88.2	80.7	66.9
85°	474.0	415.6	350.7	301.2	266.0	233.8	120.4	62.9	36.7	32.2	29.2
87.5°	0.0	0.5	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°	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6
2.5°	524.1	523.6	524.6	525.1	526.5	527.5	528.0	527.0	528.5	530.0	529.0
5°	537.9	541.4	541.9	543.4	543.4	546.4	546.4	546.4	545.9	546.4	545.4
7.5°	549.8	554.3	554.8	556.8	557.3	560.7	559.2	560.2	560.2	557.8	556.8
10°	551.3	555.8	558.3	560.7	564.2	568.7	568.7	571.1	571.1	569.1	568.7
12.5°	551.8	555.3	557.8	561.2	566.2	572.6	576.1	579.6	581.0	580.5	579.1
15°	562.2	562.2	562.7	565.7	569.1	577.1	582.0	586.0	588.5	587.5	585.0
17.5°	589.5	585.5	582.5	577.6	578.6	582.5	585.5	589.0	589.5	588.5	584.5
20°	621.2	616.2	608.8	600.8	596.9	593.9	591.9	591.9	590.4	585.5	579.1
22.5°	666.2	659.8	649.4	637.5	629.6	620.2	608.8	597.9	586.0	574.1	560.2
25°	728.6	719.7	708.8	690.5	673.7	653.9	630.6	606.3	578.1	553.3	533.0
27.5°	791.6	771.7	743.5	718.2	687.0	657.3	624.1	594.4	558.3	528.5	506.2
30°	843.6	805.9	765.3	725.2	684.1	643.9	604.3	568.7	529.0	498.8	477.0
32.5°	883.7	831.7	775.2	722.7	672.2	623.1	577.6	537.9	497.8	466.6	443.3
35°	920.8	848.5	776.7	711.8	649.4	598.4	546.9	503.8	461.2	428.5	403.2
37.5°	948.6	856.4	767.8	691.5	619.7	562.7	510.2	466.1	422.5	386.9	358.1
40°	966.4	851.5	748.5	662.3	584.5	524.6	471.1	425.5	383.4	344.3	309.6
42.5°	980.8	845.1	729.1	635.5	556.8	491.4	436.4	387.4	344.8	302.2	264.0
45°	1002.1	850.0	720.7	616.7	532.0	463.1	402.7	351.7	307.1	265.5	228.8
47.5°	1022.9	852.5	708.3	593.4	500.8	433.9	372.5	323.0	277.4	239.3	205.6
50°	1041.7	851.0	689.0	563.7	470.6	404.7	345.3	295.7	250.6	215.5	183.8
52.5°	1050.6	842.6	665.2	535.0	446.3	378.9	318.5	270.5	225.9	192.7	163.5
55°	1049.6	820.8	634.0	507.7	419.6	351.7	292.3	244.7	204.6	173.9	148.6
57.5°	1034.8	787.1	600.8	477.5	384.4	318.0	261.5	215.5	181.8	156.0	134.7
60°	1003.6	744.0	557.3	433.4	340.3	276.4	223.4	183.8	156.5	136.7	122.8
62.5°	945.1	682.1	502.8	372.0	280.9	222.4	176.3	150.6	130.3	118.4	111.9
63°	927.8	665.2	479.5	357.1	267.0	210.0	166.4	139.7	124.8	114.4	108.5
65°	841.6	582.5	401.2	288.3	207.5	162.0	133.7	113.4	104.5	100.1	99.6
67.5°	681.6	458.2	283.8	197.6	141.2	116.9	102.5	94.1	90.2	89.2	90.2
70°	478.5	289.3	180.3	131.3	104.5	94.1	87.7	84.2	81.7	82.2	83.2
72.5°	305.1	173.4	123.8	99.6	88.2	82.7	79.8	78.8	78.3	77.8	77.8
75°	173.9	115.4	95.1	86.2	80.2	75.8	73.3	72.3	72.8	73.3	72.3
77.5°	114.9	95.1	84.7	78.8	73.3	68.4	66.9	66.4	67.4	68.4	68.4
80°	90.6	84.7	78.8	72.8	63.9	60.4	61.4	61.9	61.4	61.9	60.4
82.5°	63.9	62.9	64.4	61.9	53.0	50.0	49.0	49.5	48.5	48.5	47.6
85°	29.7	29.7	31.2	31.2	30.2	30.7	33.2	36.2	37.6	36.2	34.2
87.5°	0.0	0.0	0.0	0.0	0.0	4.5	8.9	12.9	13.9	17.3	16.8
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: ICS-F02-LED-E1-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6
2.5°	527.5	528.5	528.0	527.5	528.5	527.5	528.0	527.5	527.5	527.0	527.0
5°	544.4	545.9	542.9	542.4	541.4	538.9	538.9	537.9	537.9	536.0	534.5
7.5°	555.3	555.8	553.3	552.8	550.3	547.8	545.9	543.9	543.4	541.9	538.9
10°	565.7	564.7	562.7	560.2	557.8	554.3	551.8	549.3	548.8	546.4	542.9
12.5°	574.6	574.1	570.1	567.7	563.7	560.2	557.3	554.3	552.8	549.8	544.9
15°	580.5	577.6	572.6	568.2	563.7	559.7	556.3	552.8	551.3	547.8	542.9
17.5°	578.1	572.6	566.2	560.7	554.8	549.8	546.9	543.4	540.9	538.9	532.0
20°	569.1	561.2	551.3	544.9	537.0	530.5	528.5	525.1	523.1	515.7	506.7
22.5°	545.9	534.5	522.1	512.7	503.8	497.3	492.4	488.9	483.9	479.5	465.6
25°	516.6	503.8	490.9	479.5	467.6	457.7	448.8	440.4	437.9	428.5	415.1
27.5°	488.4	474.0	461.2	447.8	432.4	420.0	404.7	392.8	384.9	375.0	362.6
30°	458.2	443.8	426.5	408.7	390.8	377.5	360.1	345.7	335.8	325.4	314.0
32.5°	420.0	402.7	381.9	362.1	345.7	329.9	312.6	298.7	288.8	279.4	268.5
35°	376.5	353.7	331.4	309.6	292.3	278.9	263.5	253.1	246.2	237.8	226.4
37.5°	326.4	300.7	276.9	260.1	244.7	231.8	220.9	214.5	207.1	202.6	195.7
40°	275.9	250.6	227.4	212.0	199.1	191.7	185.8	184.3	179.3	173.4	168.9
42.5°	231.3	207.1	184.3	171.9	163.5	161.5	158.5	158.5	156.0	151.6	148.6
45°	201.1	175.8	156.0	147.1	142.7	142.2	140.7	140.7	140.2	138.2	134.7
47.5°	179.3	156.5	141.2	135.7	134.7	133.7	132.3	131.8	131.3	129.8	127.8
50°	159.5	140.2	130.3	127.8	128.3	126.8	125.3	123.8	123.3	121.9	119.9
52.5°	141.2	127.3	120.9	119.4	119.4	119.4	118.4	118.4	117.4	116.9	114.9
55°	130.8	120.4	116.9	116.4	115.9	115.4	114.4	114.4	113.4	112.9	110.5
57.5°	121.9	115.4	113.4	112.4	111.9	111.0	110.5	110.5	110.5	110.5	107.5
60°	114.9	111.9	111.5	110.5	110.0	108.0	107.0	106.5	107.0	107.5	104.5
62.5°	107.5	107.0	106.5	105.5	105.0	103.0	101.5	100.6	101.5	102.5	102.0
63°	105.5	105.0	105.0	104.5	104.0	101.5	100.1	99.1	100.1	101.0	101.0
65°	98.6	99.1	99.1	98.6	98.1	96.6	94.6	93.6	94.1	95.6	96.1
67.5°	91.1	91.6	91.1	91.6	91.1	90.2	88.7	87.7	87.2	87.7	88.2
70°	84.2	85.2	84.7	84.2	83.7	83.7	82.7	81.2	80.7	80.2	80.2
72.5°	78.3	78.3	77.3	77.3	76.8	76.8	75.8	74.3	73.8	73.8	72.8
75°	71.8	71.8	70.3	70.3	69.3	69.8	68.9	67.4	66.9	66.9	66.4
77.5°	67.9	66.4	63.9	63.4	62.9	62.9	62.4	60.9	60.4	60.4	59.9
80°	59.9	57.0	54.5	54.0	54.5	55.5	55.5	54.5	54.5	54.5	54.5
82.5°	46.6	45.6	44.1	43.1	43.1	44.6	46.6	47.6	48.5	49.5	49.5
85°	34.2	34.7	34.2	32.7	32.2	33.7	35.7	37.6	38.1	40.1	39.6
87.5°	18.3	18.8	17.3	16.8	18.3	19.3	21.3	21.8	22.8	23.3	23.8
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°	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6
2.5°	526.5	526.1	526.5	525.6	525.6	524.6	523.6	523.1	522.1	521.6	520.6
5°	535.5	534.0	532.5	532.0	530.0	528.0	526.5	524.1	522.1	518.6	517.6
7.5°	541.4	537.9	536.0	535.5	532.5	531.0	527.5	524.6	521.6	517.1	515.7
10°	543.9	540.4	537.0	535.5	532.0	529.5	526.1	521.6	519.1	514.7	513.7
12.5°	546.9	540.4	535.0	531.0	526.1	520.6	517.1	514.7	511.2	508.7	507.7
15°	541.4	533.0	524.6	517.1	509.2	503.3	499.8	495.8	491.9	490.4	490.4
17.5°	526.5	515.7	501.3	491.9	483.5	477.0	472.6	468.6	468.1	466.1	467.1
20°	495.8	481.5	467.6	460.7	455.7	451.8	447.3	445.3	443.8	440.9	439.9
22.5°	453.2	441.3	431.4	426.5	422.5	417.6	413.6	407.7	406.2	403.2	401.7
25°	406.2	396.8	388.3	384.9	382.4	375.5	373.0	365.1	359.6	356.2	358.1
27.5°	359.1	352.2	344.3	339.8	338.3	331.9	329.4	320.5	316.0	316.0	311.1
30°	310.6	304.1	299.2	294.2	293.2	285.3	278.9	275.4	270.5	268.5	265.0
32.5°	265.0	258.6	254.6	252.1	248.2	241.7	235.3	229.3	221.4	218.4	217.0
35°	222.9	218.0	213.0	211.0	205.6	198.6	190.7	185.8	176.3	172.9	171.4
37.5°	190.7	184.8	181.3	175.8	170.4	163.0	157.0	152.6	149.1	147.6	147.6
40°	164.9	160.5	156.5	152.1	147.6	143.6	140.7	139.7	139.2	139.2	140.2
42.5°	145.6	141.7	139.7	137.2	135.7	135.7	135.2	135.7	136.2	136.7	138.2
45°	132.8	130.3	129.3	128.8	129.8	130.8	131.3	132.3	134.2	135.2	135.7
47.5°	125.8	123.8	123.3	123.8	125.3	127.3	129.3	130.8	132.3	132.8	133.2
50°	118.9	116.4	115.4	116.4	118.4	121.4	122.8	125.3	126.3	127.3	126.3
52.5°	112.9	111.0	110.5	110.5	112.4	114.4	116.4	118.4	118.9	118.9	118.4
55°	108.0	106.5	105.0	106.0	107.5	109.5	112.4	113.9	114.9	115.4	115.4
57.5°	104.0	102.5	101.0	102.0	103.5	105.5	108.5	110.0	111.0	112.4	112.9
60°	101.0	99.1	97.6	99.1	100.6	103.5	106.0	107.5	110.0	110.5	110.5
62.5°	98.1	96.1	93.6	95.1	95.1	96.6	99.1	101.0	103.5	104.5	104.5
63°	97.6	95.6	93.1	94.1	94.1	95.1	97.1	99.1	102.0	103.0	102.5
65°	93.6	93.1	90.6	90.6	89.7	90.6	92.1	94.1	95.6	97.1	97.1
67.5°	87.2	86.7	86.2	86.2	86.2	87.2	88.2	89.7	91.1	92.1	91.6
70°	79.8	79.8	79.8	80.2	80.2	81.2	81.7	81.2	82.7	83.7	83.2
72.5°	73.3	72.8	72.3	73.3	72.8	72.8	73.8	73.3	74.8	74.8	75.3
75°	66.4	65.9	65.9	66.4	65.4	64.4	64.9	64.9	65.4	65.4	66.4
77.5°	60.4	60.4	60.4	59.9	58.9	58.5	58.0	58.0	58.0	58.0	58.5
80°	55.0	55.0	55.0	54.5	53.5	52.5	51.5	51.0	50.5	48.0	48.0
82.5°	49.5	49.5	49.5	49.5	49.0	48.0	46.6	42.6	40.6	38.6	39.1
85°	39.1	40.1	41.1	42.6	42.1	42.1	39.1	34.2	31.2	29.2	29.7
87.5°	25.3	22.3	22.3	21.8	20.8	19.8	19.8	16.8	13.9	12.4	12.9
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°	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	0°
2.5°	520.6	519.6	518.6	518.6	517.1	517.1	516.1	518.1	516.1	514.7	514.7	2.5°
5°	516.6	515.7	512.7	512.2	510.2	510.2	510.2	509.2	509.2	508.2	507.7	5°
7.5°	514.2	511.7	509.2	507.7	507.7	506.7	508.7	507.7	508.2	508.2	508.7	7.5°
10°	512.2	510.2	509.2	508.7	508.7	510.2	511.7	512.2	511.7	512.2	512.2	10°
12.5°	507.2	508.2	508.7	510.7	513.2	516.1	519.6	520.1	521.1	521.1	522.1	12.5°
15°	491.4	493.9	496.8	501.8	508.2	514.7	521.1	526.5	531.5	534.0	536.0	15°
17.5°	469.1	471.6	477.0	482.5	490.9	500.3	511.2	520.6	531.0	540.4	549.8	17.5°
20°	438.9	442.8	444.3	454.2	464.1	477.0	489.9	504.8	522.6	540.4	558.7	20°
22.5°	399.7	404.2	411.1	419.1	429.5	445.3	460.7	483.9	507.7	533.0	561.7	22.5°
25°	356.2	361.1	367.0	375.5	385.9	402.7	425.0	449.8	479.0	512.2	547.8	25°
27.5°	311.1	316.0	321.0	326.9	338.8	356.6	382.9	408.7	440.9	477.0	518.6	27.5°
30°	266.0	266.5	269.5	276.9	289.3	312.6	331.9	364.1	397.8	435.9	483.9	30°
32.5°	216.5	216.0	219.4	225.9	237.8	260.1	283.8	315.0	348.2	396.3	445.8	32.5°
35°	172.4	172.4	178.8	185.3	198.6	214.5	235.3	263.0	302.2	346.7	396.3	35°
37.5°	149.1	152.6	156.5	163.0	173.4	185.8	204.1	228.4	259.1	301.7	347.2	37.5°
40°	141.7	143.6	147.1	153.1	162.0	173.4	186.7	205.1	228.8	263.0	304.6	40°
42.5°	138.7	139.2	141.2	145.6	153.6	164.9	178.8	195.2	213.0	237.3	273.4	42.5°
45°	135.7	135.2	136.2	139.7	146.1	159.0	174.9	192.7	210.5	230.8	260.5	45°
47.5°	133.2	133.2	133.2	134.7	140.7	153.6	171.9	192.7	214.0	236.8	266.0	47.5°
50°	126.3	125.8	125.8	126.8	131.3	145.1	166.9	192.2	219.9	249.7	282.8	50°
52.5°	118.4	118.4	118.9	119.4	123.3	137.2	161.5	192.2	226.9	266.5	308.1	52.5°
55°	115.9	116.4	116.9	116.4	119.4	131.3	155.5	189.2	229.8	279.9	335.3	55°
57.5°	113.9	114.9	114.9	114.4	116.4	126.3	149.6	183.3	227.4	284.8	354.7	57.5°
60°	111.0	111.0	111.0	109.5	110.5	119.4	140.7	173.9	219.4	280.4	357.6	60°
62.5°	104.5	104.5	103.5	103.0	102.5	109.5	128.8	160.0	205.1	268.5	350.2	62.5°
63°	103.0	102.5	102.5	101.0	101.0	107.5	126.3	158.0	201.1	265.5	347.2	63°
65°	97.6	97.6	97.6	96.6	96.1	101.0	116.4	144.1	185.8	251.6	332.4	65°
67.5°	91.6	92.1	91.1	90.6	90.2	93.1	105.0	126.8	162.0	222.4	304.6	67.5°
70°	83.2	83.7	83.7	83.2	82.7	84.7	92.1	109.0	134.2	185.3	259.6	70°
72.5°	75.8	76.8	76.8	77.8	77.8	79.3	82.2	90.6	107.5	144.6	204.1	72.5°
75°	67.9	68.4	69.3	70.3	69.3	68.9	69.3	75.8	84.2	107.0	145.6	75°
77.5°	60.9	62.4	62.4	61.9	60.4	59.4	59.4	62.4	69.3	81.2	104.0	77.5°
80°	50.5	53.0	53.5	52.0	50.5	50.5	51.5	53.5	58.0	66.9	78.8	80°
82.5°	40.6	43.1	43.6	44.1	43.6	45.1	45.1	45.6	48.0	55.0	64.4	82.5°
85°	31.2	33.2	34.7	35.2	35.7	36.2	35.7	33.2	34.7	39.1	43.6	85°
87.5°	13.9	14.4	13.4	13.9	13.4	13.9	14.4	11.9	11.4	15.4	15.9	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°



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DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
519.6	519.6	519.6	519.6	519.6	519.6	519.6
514.2	514.2	514.7	513.7	513.7	514.2	512.7
506.2	508.2	508.2	508.2	507.2	508.2	508.7
508.2	509.7	510.7	510.7	510.2	512.2	513.7
510.7	513.2	514.2	514.2	514.2	516.6	520.1
520.1	522.1	523.6	523.6	524.6	527.5	531.5
537.4	539.9	539.9	539.4	542.4	545.9	550.3
556.8	563.7	567.2	566.7	569.1	573.6	578.6
575.1	594.4	602.8	608.8	611.3	617.2	618.7
590.4	622.6	645.9	665.7	675.2	681.1	688.0
585.0	628.6	670.2	710.8	739.5	768.8	781.2
562.7	617.2	671.7	731.1	783.1	835.1	872.8
535.5	600.8	674.2	758.4	840.6	920.3	983.7
504.3	585.5	679.6	783.6	891.6	996.1	1087.8
465.1	556.3	666.2	786.1	913.4	1040.2	1159.1
415.6	516.6	635.0	768.3	914.4	1059.5	1201.7
366.1	466.6	595.4	742.5	901.5	1064.0	1228.4
331.4	422.0	555.3	709.8	880.7	1057.1	1241.3
307.6	389.8	519.6	680.1	858.4	1044.7	1243.3
305.6	376.0	496.3	658.3	840.6	1033.8	1243.3
322.5	383.4	488.4	647.4	833.2	1030.3	1244.3
354.2	413.1	502.8	655.8	839.1	1034.8	1248.8
392.3	458.2	541.4	685.1	864.4	1049.6	1258.7
427.0	510.2	607.3	741.5	910.4	1087.3	1286.4
447.3	554.8	677.1	820.8	989.2	1162.1	1341.9
449.8	579.6	739.1	907.0	1084.8	1247.8	1430.5
447.8	581.5	747.0	923.3	1105.1	1269.1	1461.3
436.9	582.0	769.3	980.8	1175.4	1358.7	1547.0
409.2	566.2	777.2	1025.9	1264.1	1476.6	1706.9
361.1	521.1	753.9	1026.8	1298.3	1542.5	1808.0
290.3	435.4	653.4	934.2	1208.1	1477.6	1781.7
212.5	320.0	493.9	723.7	985.7	1229.9	1526.1
141.2	207.1	332.9	515.7	706.9	885.2	1098.7
97.1	128.3	194.7	310.1	432.4	519.1	699.9
71.3	84.7	108.0	158.5	208.0	256.1	365.6
44.6	48.5	54.0	78.3	111.9	151.1	227.9
11.9	12.4	11.4	15.4	24.3	23.3	25.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)