

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: P181043

Luminaire Tested: **ICS-F03-LED-E1-SLL**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181043
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-F03-LED-E1-SLL
Description: ICON SITE SMALL LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (21) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6202.2 lumens
Efficiency: N/A
Efficacy: 79.2 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 - G2

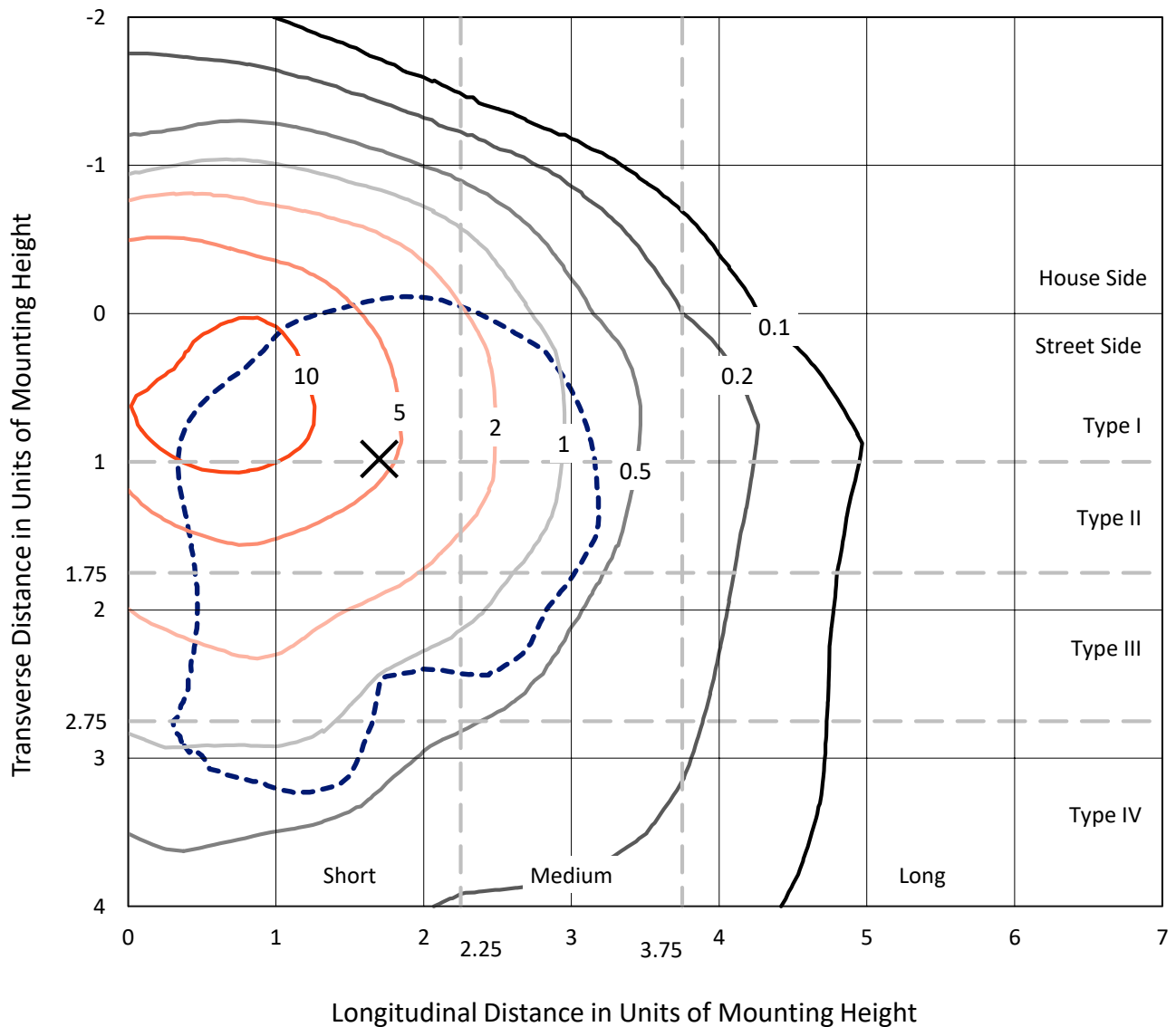
Input Watts (W): 78.3
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

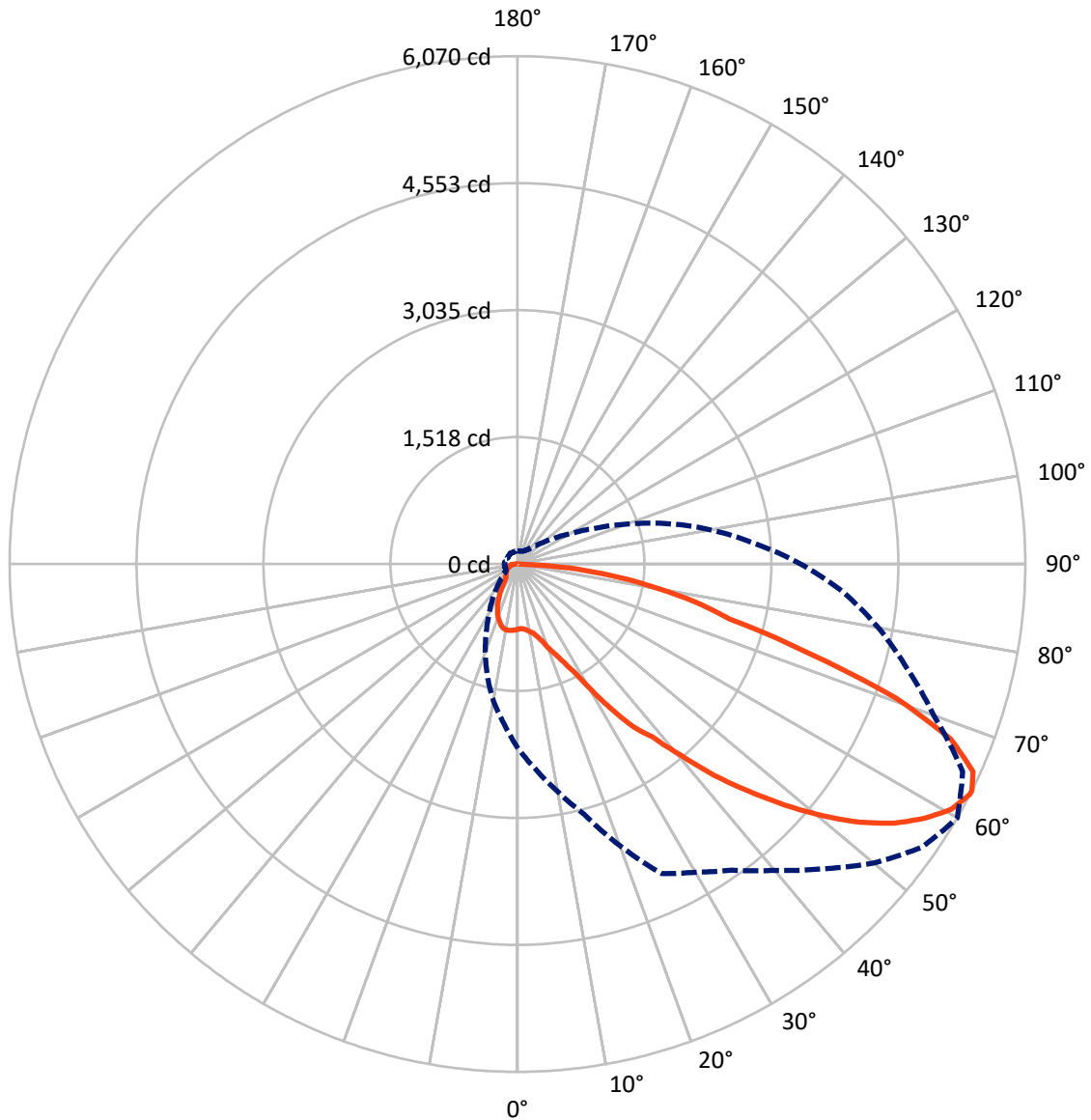
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 15.4 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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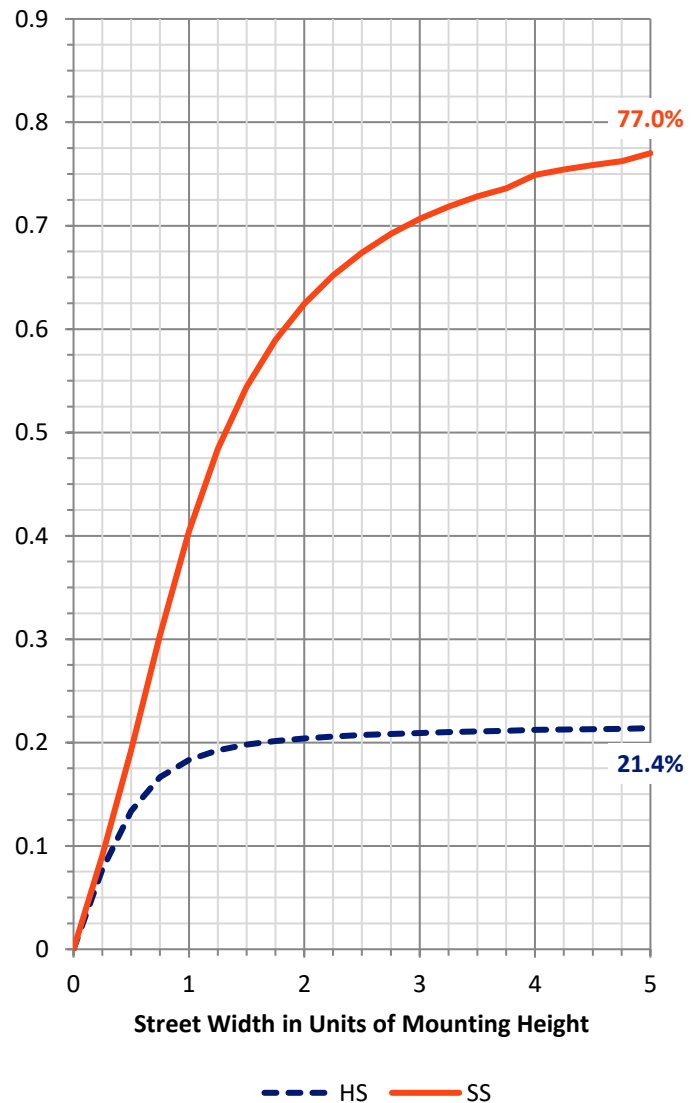
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1344.9	0.0	1344.9
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	4857.3	0.0	4857.3
	% Fixture	78.3	0.0	78.3
Total	Lumens	6202.2	0.0	6202.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.9	1.2
10°-20°	236.3	3.8
20°-30°	419.8	6.8
30°-40°	661.1	10.7
40°-50°	972.9	15.7
50°-60°	1292.3	20.8
60°-70°	1423.5	23.0
70°-80°	893.1	14.4
80°-90°	227.5	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°	6202.2	100.0
0°-180°	6202.2	100.0



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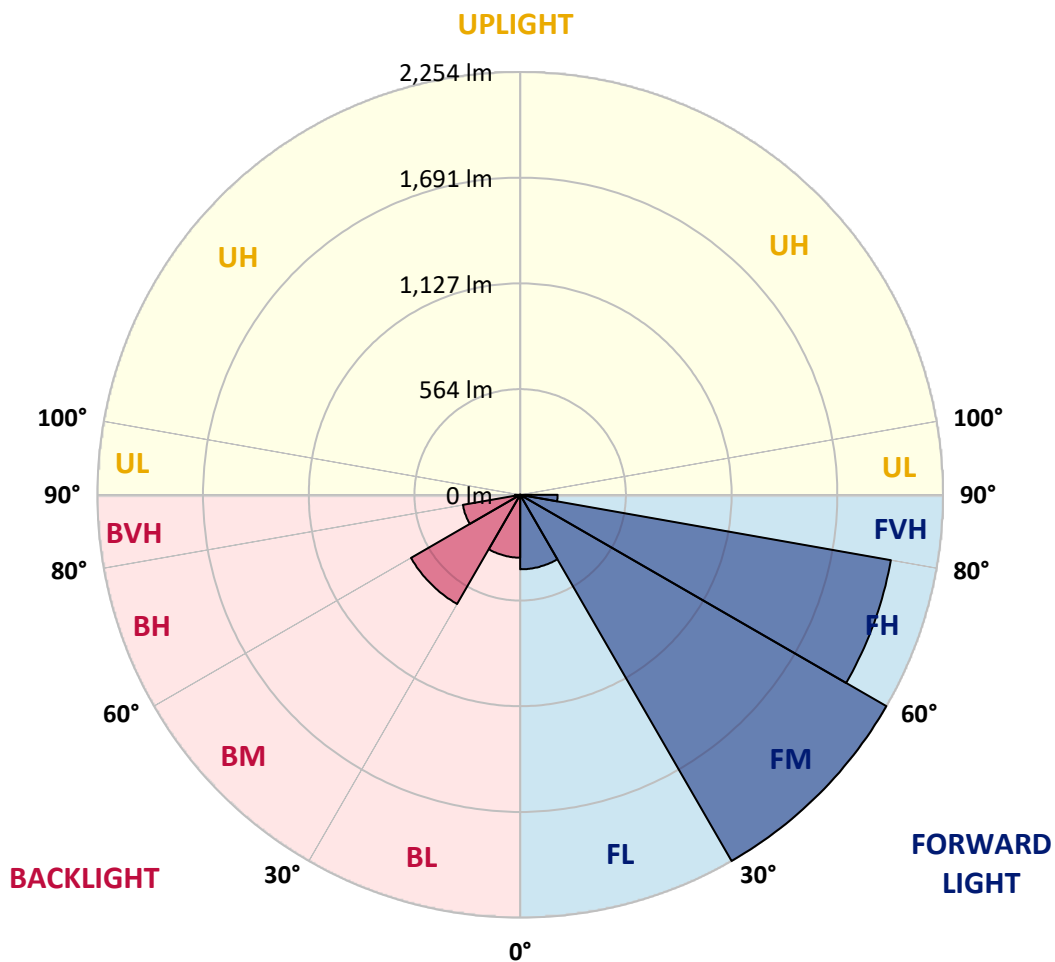
CATALOG NUMBER: ICS-F03-LED-E1-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	397.1	6.4			
FM	(30°-60°)	2254.0	36.3			
FH	(60°-80°)	2006.5	32.4			G2/5000
FVH	(80°-90°)	199.6	3.2			G2/225
BL	(0°-30°)	334.8	5.4	B1/500		
BM	(30°-60°)	672.2	10.8	B1/1000		
BH	(60°-80°)	310.0	5.0	B1/500		G1/500
BVH	(80°-90°)	27.9	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-G2

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4
2.5°	769.0	770.5	770.5	769.8	769.8	771.2	770.5	769.8	767.5	770.5	770.5
5°	763.1	764.6	764.6	766.0	767.5	769.0	769.0	770.5	769.8	772.7	775.0
7.5°	770.5	772.0	775.0	778.7	780.9	786.1	786.1	789.8	791.3	793.5	792.8
10°	780.2	783.9	790.6	796.5	801.0	806.9	811.4	816.6	816.6	818.8	820.3
12.5°	797.3	801.0	808.4	815.8	822.5	829.9	836.6	841.8	847.0	848.5	851.5
15°	825.5	829.9	841.1	851.5	859.7	869.3	878.2	888.6	898.3	900.5	902.0
17.5°	867.8	876.8	884.9	903.5	915.4	928.0	942.1	957.0	960.0	975.6	979.3
20°	928.0	939.2	946.6	969.6	989.7	1006.0	1026.8	1043.9	1050.6	1065.5	1080.3
22.5°	1032.0	1029.8	1041.0	1064.0	1078.9	1111.5	1129.4	1147.2	1156.1	1178.4	1190.3
25°	1171.7	1183.6	1208.1	1210.4	1224.5	1262.4	1285.4	1303.2	1304.0	1310.7	1323.3
27.5°	1309.2	1358.2	1396.9	1417.7	1455.6	1490.5	1489.0	1514.3	1474.9	1483.1	1494.9
30°	1475.6	1557.4	1630.2	1679.2	1717.8	1758.7	1778.8	1792.9	1775.8	1768.4	1754.3
32.5°	1631.7	1746.1	1858.3	1945.2	2017.3	2084.9	2129.5	2149.5	2173.3	2233.5	2255.0
35°	1738.7	1900.6	2040.3	2165.9	2286.3	2394.0	2472.0	2516.6	2499.5	2491.3	2486.9
37.5°	1802.5	2000.2	2174.8	2352.4	2490.6	2651.8	2772.9	2890.3	2917.1	2870.3	2847.2
40°	1842.7	2076.7	2301.1	2510.6	2689.7	2897.8	3047.8	3223.9	3357.7	3375.5	3320.5
42.5°	1862.0	2128.0	2389.5	2626.6	2868.8	3123.6	3313.8	3527.1	3727.0	3864.4	3830.2
45°	1865.0	2161.4	2454.2	2731.3	3019.6	3322.0	3567.2	3803.5	4071.0	4306.5	4313.2
47.5°	1865.0	2186.7	2498.8	2807.1	3154.8	3494.4	3761.9	4041.2	4368.9	4647.5	4733.0
50°	1866.4	2203.8	2540.4	2866.5	3258.1	3640.0	3942.4	4272.3	4617.1	4920.2	5085.2
52.5°	1873.1	2216.4	2573.1	2908.9	3325.0	3742.6	4082.9	4463.3	4806.6	5117.9	5331.1
55°	1888.0	2234.2	2596.8	2934.9	3369.6	3809.4	4184.6	4594.0	4929.1	5244.9	5542.9
57.5°	1929.6	2265.4	2625.8	2957.9	3394.1	3853.3	4256.0	4650.5	4976.0	5305.1	5655.1
60°	2012.8	2331.6	2675.6	3004.0	3434.9	3934.3	4290.2	4612.6	4941.8	5287.3	5680.3
62.5°	2145.8	2434.9	2744.7	3082.0	3551.6	4059.8	4264.2	4499.7	4807.3	5184.0	5590.4
63°	2191.9	2457.1	2760.3	3099.1	3583.6	4082.9	4253.0	4466.3	4779.8	5151.3	5558.5
65°	2320.4	2556.0	2834.6	3185.3	3715.1	4105.9	4166.1	4292.4	4589.6	4964.8	5369.8
67.5°	2560.4	2796.0	2994.3	3330.9	3825.8	4015.2	3896.4	3912.0	4222.5	4611.1	4975.2
70°	2712.0	2992.9	3096.1	3349.5	3805.7	3880.8	3547.1	3340.6	3589.5	4032.3	4351.1
72.5°	2672.6	2995.1	2983.9	3102.1	3404.5	3474.3	3128.8	2803.4	2951.2	3281.9	3488.4
75°	2289.2	2674.8	2593.1	2569.3	2675.6	2721.7	2462.3	2412.6	2599.1	2782.6	2785.6
77.5°	1648.0	2072.3	1976.4	1839.0	1831.5	1937.8	1972.7	2298.9	2574.5	2719.4	2655.5
80°	1049.9	1509.8	1410.2	1170.2	1166.5	1304.7	1611.6	2055.2	2347.2	2428.2	2261.7
82.5°	548.3	988.2	1026.1	878.2	1005.3	1234.1	1533.6	1656.2	1766.9	1778.0	1581.9
85°	341.8	607.8	714.8	737.8	908.0	1094.5	1092.2	1049.1	1000.1	856.0	774.2
87.5°	38.6	76.5	115.9	110.0	147.9	207.3	258.6	151.6	106.3	38.6	53.5
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°	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4
2.5°	772.0	772.7	773.5	773.5	777.2	776.4	777.2	778.7	780.9	782.4	783.9
5°	777.9	777.9	780.9	783.1	787.6	790.6	792.1	796.5	801.7	800.2	804.7
7.5°	797.3	796.5	799.5	801.0	804.7	809.9	809.1	812.9	817.3	818.8	822.5
10°	823.3	821.0	821.0	819.5	820.3	818.8	818.8	818.8	821.8	821.0	824.0
12.5°	850.0	849.3	847.8	843.3	843.3	837.4	834.4	830.7	829.9	824.7	825.5
15°	905.0	905.0	902.0	893.1	885.7	880.5	873.0	867.8	860.4	850.7	845.5
17.5°	985.2	974.8	971.1	969.6	957.7	953.3	936.9	919.8	911.7	898.3	890.9
20°	1083.3	1081.1	1066.2	1058.8	1043.9	1023.1	1002.3	980.0	966.7	950.3	941.4
22.5°	1194.0	1177.7	1170.2	1159.1	1136.1	1112.3	1081.1	1051.4	1030.6	1019.4	1012.7
25°	1323.3	1307.0	1299.5	1284.7	1256.4	1231.2	1192.5	1157.6	1139.0	1120.5	1110.1
27.5°	1494.9	1479.3	1470.4	1431.8	1422.1	1380.5	1333.0	1285.4	1260.9	1233.4	1215.6
30°	1751.3	1752.0	1706.0	1659.1	1610.9	1538.8	1489.0	1435.5	1395.4	1356.0	1316.6
32.5°	2184.5	2073.7	1988.3	1888.0	1783.2	1706.7	1645.0	1581.1	1525.4	1468.2	1402.8
35°	2449.0	2395.5	2284.8	2101.2	1995.7	1902.9	1834.5	1757.2	1688.9	1587.8	1488.3
37.5°	2747.7	2623.6	2489.1	2387.3	2267.7	2159.9	2045.5	1957.8	1839.7	1703.7	1562.6
40°	3183.8	3006.2	2844.3	2707.5	2553.0	2440.1	2312.3	2185.2	2028.4	1831.5	1637.6
42.5°	3639.3	3455.8	3241.8	3064.2	2882.1	2749.9	2591.6	2413.3	2183.0	1939.3	1702.2
45°	4117.0	3871.8	3615.5	3398.5	3209.1	3044.9	2848.7	2612.4	2331.6	2035.9	1762.4
47.5°	4588.1	4306.5	4001.1	3767.8	3521.1	3320.5	3079.8	2781.1	2447.5	2127.2	1822.6
50°	5003.4	4732.2	4364.5	4068.0	3818.3	3570.9	3270.7	2911.1	2538.9	2206.0	1876.9
52.5°	5361.6	5128.3	4741.2	4366.7	4079.1	3801.3	3424.5	3015.9	2631.0	2278.8	1921.4
55°	5624.6	5469.3	5112.7	4648.3	4308.7	3977.3	3554.6	3116.9	2717.9	2336.8	1950.4
57.5°	5823.0	5736.8	5430.7	4913.5	4519.7	4148.2	3689.1	3238.0	2804.1	2386.6	1963.8
60°	5931.5	5955.2	5671.4	5145.4	4706.2	4290.9	3823.5	3341.3	2868.0	2415.5	1956.4
62.5°	5921.1	6066.7	5852.0	5288.0	4814.7	4375.6	3914.2	3389.6	2859.1	2369.5	1888.7
63°	5901.0	6070.4	5872.0	5297.7	4821.4	4378.6	3916.4	3382.9	2840.5	2347.2	1862.0
65°	5727.9	5985.0	5854.9	5253.8	4762.0	4322.8	3869.6	3286.3	2709.8	2227.6	1724.5
67.5°	5264.2	5586.0	5548.8	4944.0	4480.4	4092.5	3630.4	2975.0	2386.6	1933.3	1461.5
70°	4498.2	4800.6	4807.3	4299.8	3912.7	3532.3	3148.1	2420.7	1891.7	1498.7	1090.0
72.5°	3447.6	3642.2	3709.9	3375.5	3116.2	2848.7	2504.0	1757.2	1348.6	1019.4	709.6
75°	2669.6	2616.1	2615.4	2474.2	2368.7	2238.0	1859.0	1185.8	885.7	662.8	433.9
77.5°	2399.9	2162.2	1931.8	1762.4	1677.7	1633.9	1219.3	714.8	522.3	381.2	249.7
80°	1979.4	1628.7	1315.9	1133.1	1060.3	1110.8	679.9	386.4	286.1	217.0	162.0
82.5°	1364.9	1133.1	861.2	713.3	612.2	640.5	347.7	197.6	132.3	121.1	100.3
85°	711.1	623.4	526.1	451.8	399.0	350.7	180.6	94.4	55.0	48.3	43.8
87.5°	0.0	0.7	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°	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4
2.5°	786.1	785.4	786.9	787.6	789.8	791.3	792.1	790.6	792.8	795.0	793.5
5°	806.9	812.1	812.9	815.1	815.1	819.5	819.5	819.5	818.8	819.5	818.1
7.5°	824.7	831.4	832.2	835.1	835.9	841.1	838.9	840.3	840.3	836.6	835.1
10°	827.0	833.7	837.4	841.1	846.3	853.0	853.0	856.7	856.7	853.7	853.0
12.5°	827.7	832.9	836.6	841.8	849.3	858.9	864.1	869.3	871.6	870.8	868.6
15°	843.3	843.3	844.1	848.5	853.7	865.6	873.0	879.0	882.7	881.2	877.5
17.5°	884.2	878.2	873.8	866.4	867.8	873.8	878.2	883.4	884.2	882.7	876.8
20°	931.7	924.3	913.2	901.3	895.3	890.9	887.9	887.9	885.7	878.2	868.6
22.5°	999.4	989.7	974.1	956.3	944.4	930.3	913.2	896.8	879.0	861.2	840.3
25°	1093.0	1079.6	1063.3	1035.8	1010.5	980.8	945.9	909.4	867.1	829.9	799.5
27.5°	1187.3	1157.6	1115.3	1077.4	1030.6	986.0	936.2	891.6	837.4	792.8	759.4
30°	1265.4	1208.9	1148.0	1087.8	1026.1	965.9	906.5	853.0	793.5	748.2	715.5
32.5°	1325.5	1247.5	1162.8	1084.1	1008.3	934.7	866.4	806.9	746.7	699.9	665.0
35°	1381.3	1272.8	1165.0	1067.7	974.1	897.6	820.3	755.6	691.7	642.7	604.8
37.5°	1422.9	1284.7	1151.7	1037.2	929.5	844.1	765.3	699.2	633.8	580.3	537.2
40°	1449.6	1277.2	1122.7	993.4	876.8	786.9	706.6	638.2	575.1	516.4	464.4
42.5°	1471.2	1267.6	1093.7	953.3	835.1	737.1	654.6	581.0	517.1	453.2	396.0
45°	1503.1	1275.0	1081.1	925.1	798.0	694.7	604.1	527.5	460.7	398.3	343.3
47.5°	1534.3	1278.7	1062.5	890.1	751.2	650.9	558.7	484.4	416.1	358.9	308.4
50°	1562.6	1276.5	1033.5	845.5	705.9	607.0	517.9	443.6	376.0	323.2	275.7
52.5°	1575.9	1263.9	997.9	802.5	669.5	568.4	477.8	405.7	338.8	289.0	245.2
55°	1574.4	1231.2	951.1	761.6	629.3	527.5	438.4	367.0	306.9	260.8	222.9
57.5°	1552.2	1180.6	901.3	716.3	576.6	477.0	392.3	323.2	272.7	234.0	202.1
60°	1505.3	1116.0	835.9	650.1	510.4	414.6	335.1	275.7	234.8	205.1	184.3
62.5°	1417.7	1023.1	754.2	558.0	421.3	333.6	264.5	225.9	195.4	177.6	167.9
63°	1391.7	997.9	719.2	535.7	400.5	315.0	249.7	209.5	187.2	171.6	162.7
65°	1262.4	873.8	601.8	432.4	311.3	243.0	200.6	170.1	156.8	150.1	149.3
67.5°	1022.4	687.3	425.7	296.5	211.8	175.4	153.8	141.2	135.2	133.7	135.2
70°	717.8	433.9	270.5	196.9	156.8	141.2	131.5	126.3	122.6	123.3	124.8
72.5°	457.7	260.1	185.8	149.3	132.3	124.1	119.6	118.1	117.4	116.7	116.7
75°	260.8	173.1	142.7	129.3	120.4	113.7	110.0	108.5	109.2	110.0	108.5
77.5°	172.4	142.7	127.1	118.1	110.0	102.5	100.3	99.6	101.0	102.5	102.5
80°	136.0	127.1	118.1	109.2	95.8	90.6	92.1	92.9	92.1	92.9	90.6
82.5°	95.8	94.4	96.6	92.9	79.5	75.0	73.6	74.3	72.8	72.8	71.3
85°	44.6	44.6	46.8	46.8	45.3	46.1	49.8	54.2	56.5	54.2	51.3
87.5°	0.0	0.0	0.0	0.0	0.0	6.7	13.4	19.3	20.8	26.0	25.3
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-F03-LED-E1-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4
2.5°	791.3	792.8	792.1	791.3	792.8	791.3	792.1	791.3	791.3	790.6	790.6
5°	816.6	818.8	814.3	813.6	812.1	808.4	808.4	806.9	806.9	803.9	801.7
7.5°	832.9	833.7	829.9	829.2	825.5	821.8	818.8	815.8	815.1	812.9	808.4
10°	848.5	847.0	844.1	840.3	836.6	831.4	827.7	824.0	823.3	819.5	814.3
12.5°	861.9	861.2	855.2	851.5	845.5	840.3	835.9	831.4	829.2	824.7	817.3
15°	870.8	866.4	858.9	852.2	845.5	839.6	834.4	829.2	827.0	821.8	814.3
17.5°	867.1	858.9	849.3	841.1	832.2	824.7	820.3	815.1	811.4	808.4	798.0
20°	853.7	841.8	827.0	817.3	805.4	795.8	792.8	787.6	784.6	773.5	760.1
22.5°	818.8	801.7	783.1	769.0	755.6	746.0	738.6	733.4	725.9	719.2	698.4
25°	775.0	755.6	736.3	719.2	701.4	686.5	673.2	660.5	656.8	642.7	622.6
27.5°	732.6	711.1	691.7	671.7	648.7	630.1	607.0	589.2	577.3	562.5	543.9
30°	687.3	665.7	639.7	613.0	586.2	566.2	540.2	518.6	503.8	488.2	471.1
32.5°	630.1	604.1	572.9	543.1	518.6	494.8	468.8	448.0	433.2	419.1	402.7
35°	564.7	530.5	497.1	464.4	438.4	418.3	395.3	379.7	369.3	356.6	339.6
37.5°	489.6	451.0	415.3	390.1	367.0	347.7	331.4	321.7	310.6	303.9	293.5
40°	413.9	376.0	341.0	318.0	298.7	287.5	278.6	276.4	269.0	260.1	253.4
42.5°	347.0	310.6	276.4	257.8	245.2	242.2	237.8	237.8	234.0	227.4	222.9
45°	301.7	263.8	234.0	220.7	214.0	213.2	211.0	211.0	210.3	207.3	202.1
47.5°	269.0	234.8	211.8	203.6	202.1	200.6	198.4	197.6	196.9	194.7	191.7
50°	239.3	210.3	195.4	191.7	192.4	190.2	188.0	185.8	185.0	182.8	179.8
52.5°	211.8	191.0	181.3	179.1	179.1	179.1	177.6	177.6	176.1	175.4	172.4
55°	196.2	180.6	175.4	174.6	173.9	173.1	171.6	171.6	170.1	169.4	165.7
57.5°	182.8	173.1	170.1	168.7	167.9	166.4	165.7	165.7	165.7	165.7	161.2
60°	172.4	167.9	167.2	165.7	164.9	162.0	160.5	159.7	160.5	161.2	156.8
62.5°	161.2	160.5	159.7	158.3	157.5	154.5	152.3	150.8	152.3	153.8	153.1
63°	158.3	157.5	157.5	156.8	156.0	152.3	150.1	148.6	150.1	151.6	151.6
65°	147.9	148.6	148.6	147.9	147.1	144.9	141.9	140.4	141.2	143.4	144.1
67.5°	136.7	137.5	136.7	137.5	136.7	135.2	133.0	131.5	130.8	131.5	132.3
70°	126.3	127.8	127.1	126.3	125.6	125.6	124.1	121.9	121.1	120.4	120.4
72.5°	117.4	117.4	115.9	115.9	115.2	115.2	113.7	111.5	110.7	110.7	109.2
75°	107.7	107.7	105.5	105.5	104.0	104.8	103.3	101.0	100.3	100.3	99.6
77.5°	101.8	99.6	95.8	95.1	94.4	94.4	93.6	91.4	90.6	90.6	89.9
80°	89.9	85.4	81.7	81.0	81.7	83.2	83.2	81.7	81.7	81.7	81.7
82.5°	69.8	68.4	66.1	64.6	64.6	66.9	69.8	71.3	72.8	74.3	74.3
85°	51.3	52.0	51.3	49.0	48.3	50.5	53.5	56.5	57.2	60.2	59.4
87.5°	27.5	28.2	26.0	25.3	27.5	29.0	31.9	32.7	34.2	34.9	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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4
2.5°	789.8	789.1	789.8	788.3	788.3	786.9	785.4	784.6	783.1	782.4	780.9
5°	803.2	801.0	798.7	798.0	795.0	792.1	789.8	786.1	783.1	777.9	776.4
7.5°	812.1	806.9	803.9	803.2	798.7	796.5	791.3	786.9	782.4	775.7	773.5
10°	815.8	810.6	805.4	803.2	798.0	794.3	789.1	782.4	778.7	772.0	770.5
12.5°	820.3	810.6	802.5	796.5	789.1	780.9	775.7	772.0	766.8	763.1	761.6
15°	812.1	799.5	786.9	775.7	763.8	754.9	749.7	743.8	737.8	735.6	735.6
17.5°	789.8	773.5	751.9	737.8	725.2	715.5	708.8	702.9	702.1	699.2	700.7
20°	743.8	722.2	701.4	691.0	683.6	677.6	670.9	668.0	665.7	661.3	659.8
22.5°	679.9	662.0	647.2	639.7	633.8	626.4	620.4	611.5	609.3	604.8	602.6
25°	609.3	595.2	582.5	577.3	573.6	563.2	559.5	547.6	539.4	534.2	537.2
27.5°	538.7	528.3	516.4	509.7	507.5	497.8	494.1	480.7	474.0	474.0	466.6
30°	465.9	456.2	448.8	441.3	439.9	428.0	418.3	413.1	405.7	402.7	397.5
32.5°	397.5	387.9	381.9	378.2	372.2	362.6	352.9	344.0	332.1	327.7	325.4
35°	334.4	326.9	319.5	316.5	308.4	297.9	286.1	278.6	264.5	259.3	257.1
37.5°	286.1	277.1	271.9	263.8	255.6	244.5	235.5	228.8	223.6	221.4	221.4
40°	247.4	240.7	234.8	228.1	221.4	215.5	211.0	209.5	208.8	208.8	210.3
42.5°	218.4	212.5	209.5	205.8	203.6	203.6	202.8	203.6	204.3	205.1	207.3
45°	199.1	195.4	193.9	193.2	194.7	196.2	196.9	198.4	201.4	202.8	203.6
47.5°	188.7	185.8	185.0	185.8	188.0	191.0	193.9	196.2	198.4	199.1	199.9
50°	178.3	174.6	173.1	174.6	177.6	182.0	184.3	188.0	189.5	191.0	189.5
52.5°	169.4	166.4	165.7	165.7	168.7	171.6	174.6	177.6	178.3	178.3	177.6
55°	162.0	159.7	157.5	159.0	161.2	164.2	168.7	170.9	172.4	173.1	173.1
57.5°	156.0	153.8	151.6	153.1	155.3	158.3	162.7	164.9	166.4	168.7	169.4
60°	151.6	148.6	146.4	148.6	150.8	155.3	159.0	161.2	164.9	165.7	165.7
62.5°	147.1	144.1	140.4	142.7	142.7	144.9	148.6	151.6	155.3	156.8	156.8
63°	146.4	143.4	139.7	141.2	141.2	142.7	145.6	148.6	153.1	154.5	153.8
65°	140.4	139.7	136.0	136.0	134.5	136.0	138.2	141.2	143.4	145.6	145.6
67.5°	130.8	130.0	129.3	129.3	129.3	130.8	132.3	134.5	136.7	138.2	137.5
70°	119.6	119.6	119.6	120.4	120.4	121.9	122.6	121.9	124.1	125.6	124.8
72.5°	110.0	109.2	108.5	110.0	109.2	109.2	110.7	110.0	112.2	112.2	112.9
75°	99.6	98.8	98.8	99.6	98.1	96.6	97.3	97.3	98.1	98.1	99.6
77.5°	90.6	90.6	90.6	89.9	88.4	87.7	86.9	86.9	86.9	86.9	87.7
80°	82.5	82.5	82.5	81.7	80.2	78.8	77.3	76.5	75.8	72.1	72.1
82.5°	74.3	74.3	74.3	74.3	73.6	72.1	69.8	63.9	60.9	58.0	58.7
85°	58.7	60.2	61.7	63.9	63.2	63.2	58.7	51.3	46.8	43.8	44.6
87.5°	37.9	33.4	33.4	32.7	31.2	29.7	29.7	25.3	20.8	18.6	19.3
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°	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	0°
2.5°	780.9	779.4	777.9	777.9	775.7	775.7	774.2	777.2	774.2	772.0	772.0	2.5°
5°	775.0	773.5	769.0	768.3	765.3	765.3	765.3	763.8	763.8	762.3	761.6	5°
7.5°	771.2	767.5	763.8	761.6	761.6	760.1	763.1	761.6	762.3	762.3	763.1	7.5°
10°	768.3	765.3	763.8	763.1	763.1	765.3	767.5	768.3	767.5	768.3	768.3	10°
12.5°	760.8	762.3	763.1	766.0	769.8	774.2	779.4	780.2	781.6	781.6	783.1	12.5°
15°	737.1	740.8	745.2	752.7	762.3	772.0	781.6	789.8	797.3	801.0	803.9	15°
17.5°	703.6	707.3	715.5	723.7	736.3	750.4	766.8	780.9	796.5	810.6	824.7	17.5°
20°	658.3	664.3	666.5	681.3	696.2	715.5	734.8	757.1	783.9	810.6	838.1	20°
22.5°	599.6	606.3	616.7	628.6	644.2	668.0	691.0	725.9	761.6	799.5	842.6	22.5°
25°	534.2	541.7	550.6	563.2	578.8	604.1	637.5	674.7	718.5	768.3	821.8	25°
27.5°	466.6	474.0	481.5	490.4	508.2	535.0	574.3	613.0	661.3	715.5	777.9	27.5°
30°	399.0	399.7	404.2	415.3	433.9	468.8	497.8	546.1	596.6	653.9	725.9	30°
32.5°	324.7	324.0	329.2	338.8	356.6	390.1	425.7	472.6	522.3	594.4	668.7	32.5°
35°	258.6	258.6	268.2	277.9	297.9	321.7	352.9	394.5	453.2	520.1	594.4	35°
37.5°	223.6	228.8	234.8	244.5	260.1	278.6	306.1	342.5	388.6	452.5	520.9	37.5°
40°	212.5	215.5	220.7	229.6	243.0	260.1	280.1	307.6	343.3	394.5	457.0	40°
42.5°	208.0	208.8	211.8	218.4	230.3	247.4	268.2	292.7	319.5	355.9	410.1	42.5°
45°	203.6	202.8	204.3	209.5	219.2	238.5	262.3	289.0	315.8	346.2	390.8	45°
47.5°	199.9	199.9	199.9	202.1	211.0	230.3	257.8	289.0	321.0	355.2	399.0	47.5°
50°	189.5	188.7	188.7	190.2	196.9	217.7	250.4	288.3	329.9	374.5	424.3	50°
52.5°	177.6	177.6	178.3	179.1	185.0	205.8	242.2	288.3	340.3	399.7	462.2	52.5°
55°	173.9	174.6	175.4	174.6	179.1	196.9	233.3	283.8	344.8	419.8	503.0	55°
57.5°	170.9	172.4	172.4	171.6	174.6	189.5	224.4	274.9	341.0	427.2	532.0	57.5°
60°	166.4	166.4	166.4	164.2	165.7	179.1	211.0	260.8	329.2	420.5	536.5	60°
62.5°	156.8	156.8	155.3	154.5	153.8	164.2	193.2	240.0	307.6	402.7	525.3	62.5°
63°	154.5	153.8	153.8	151.6	151.6	161.2	189.5	237.0	301.7	398.3	520.9	63°
65°	146.4	146.4	146.4	144.9	144.1	151.6	174.6	216.2	278.6	377.5	498.6	65°
67.5°	137.5	138.2	136.7	136.0	135.2	139.7	157.5	190.2	243.0	333.6	457.0	67.5°
70°	124.8	125.6	125.6	124.8	124.1	127.1	138.2	163.5	201.4	277.9	389.3	70°
72.5°	113.7	115.2	115.2	116.7	116.7	118.9	123.3	136.0	161.2	217.0	306.1	72.5°
75°	101.8	102.5	104.0	105.5	104.0	103.3	104.0	113.7	126.3	160.5	218.4	75°
77.5°	91.4	93.6	93.6	92.9	90.6	89.2	89.2	93.6	104.0	121.9	156.0	77.5°
80°	75.8	79.5	80.2	78.0	75.8	75.8	77.3	80.2	86.9	100.3	118.1	80°
82.5°	60.9	64.6	65.4	66.1	65.4	67.6	67.6	68.4	72.1	82.5	96.6	82.5°
85°	46.8	49.8	52.0	52.8	53.5	54.2	53.5	49.8	52.0	58.7	65.4	85°
87.5°	20.8	21.5	20.1	20.8	20.1	20.8	21.5	17.8	17.1	23.0	23.8	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°



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DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
779.4	779.4	779.4	779.4	779.4	779.4	779.4
771.2	771.2	772.0	770.5	770.5	771.2	769.0
759.4	762.3	762.3	762.3	760.8	762.3	763.1
762.3	764.6	766.0	766.0	765.3	768.3	770.5
766.0	769.8	771.2	771.2	771.2	775.0	780.2
780.2	783.1	785.4	785.4	786.9	791.3	797.3
806.2	809.9	809.9	809.1	813.6	818.8	825.5
835.1	845.5	850.7	850.0	853.7	860.4	867.8
862.6	891.6	904.2	913.2	916.9	925.8	928.0
885.7	934.0	968.9	998.6	1012.7	1021.6	1032.0
877.5	942.9	1005.3	1066.2	1109.3	1153.2	1171.7
844.1	925.8	1007.5	1096.7	1174.7	1252.7	1309.2
803.2	901.3	1011.2	1137.6	1260.9	1380.5	1475.6
756.4	878.2	1019.4	1175.4	1337.4	1494.2	1631.7
697.7	834.4	999.4	1179.2	1370.1	1560.3	1738.7
623.4	775.0	952.5	1152.4	1371.6	1589.3	1802.5
549.1	699.9	893.1	1113.8	1352.3	1596.0	1842.7
497.1	633.0	832.9	1064.7	1321.1	1585.6	1862.0
461.4	584.8	779.4	1020.2	1287.6	1567.0	1865.0
458.4	563.9	744.5	987.5	1260.9	1550.7	1865.0
483.7	575.1	732.6	971.1	1249.7	1545.5	1866.4
531.3	619.7	754.2	983.7	1258.7	1552.2	1873.1
588.5	687.3	812.1	1027.6	1296.6	1574.4	1888.0
640.5	765.3	910.9	1112.3	1365.7	1630.9	1929.6
670.9	832.2	1015.7	1231.2	1483.8	1743.1	2012.8
674.7	869.3	1108.6	1360.5	1627.2	1871.6	2145.8
671.7	872.3	1120.5	1385.0	1657.7	1903.6	2191.9
655.3	873.0	1153.9	1471.2	1763.2	2038.1	2320.4
613.7	849.3	1165.8	1538.8	1896.2	2214.9	2560.4
541.7	781.6	1130.9	1540.3	1947.4	2313.7	2712.0
435.4	653.1	980.0	1401.3	1812.2	2216.4	2672.6
318.8	480.0	740.8	1085.5	1478.6	1844.9	2289.2
211.8	310.6	499.3	773.5	1060.3	1327.8	1648.0
145.6	192.4	292.0	465.1	648.7	778.7	1049.9
107.0	127.1	162.0	237.8	312.1	384.1	548.3
66.9	72.8	81.0	117.4	167.9	226.6	341.8
17.8	18.6	17.1	23.0	36.4	34.9	38.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)