

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: P181103

Luminaire Tested: **ICM-F05-LED-E1-SLR**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181103
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-SLR
Description: ICON SITE MEDIUM LED LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (35) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10683.7 lumens
Efficiency: N/A
Efficacy: 80.1 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: B2 - U0 - G3

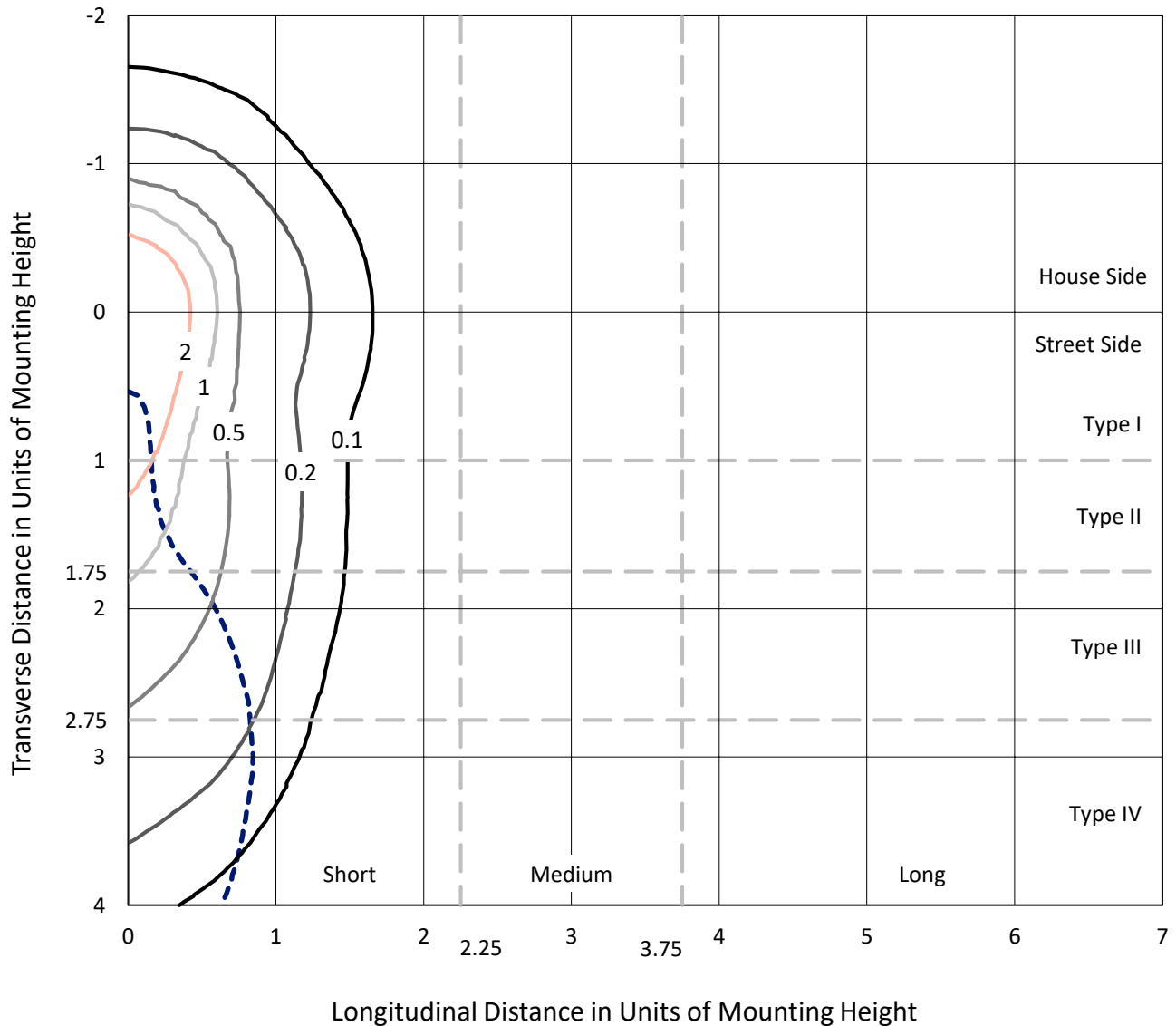
Input Watts (W): 133.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

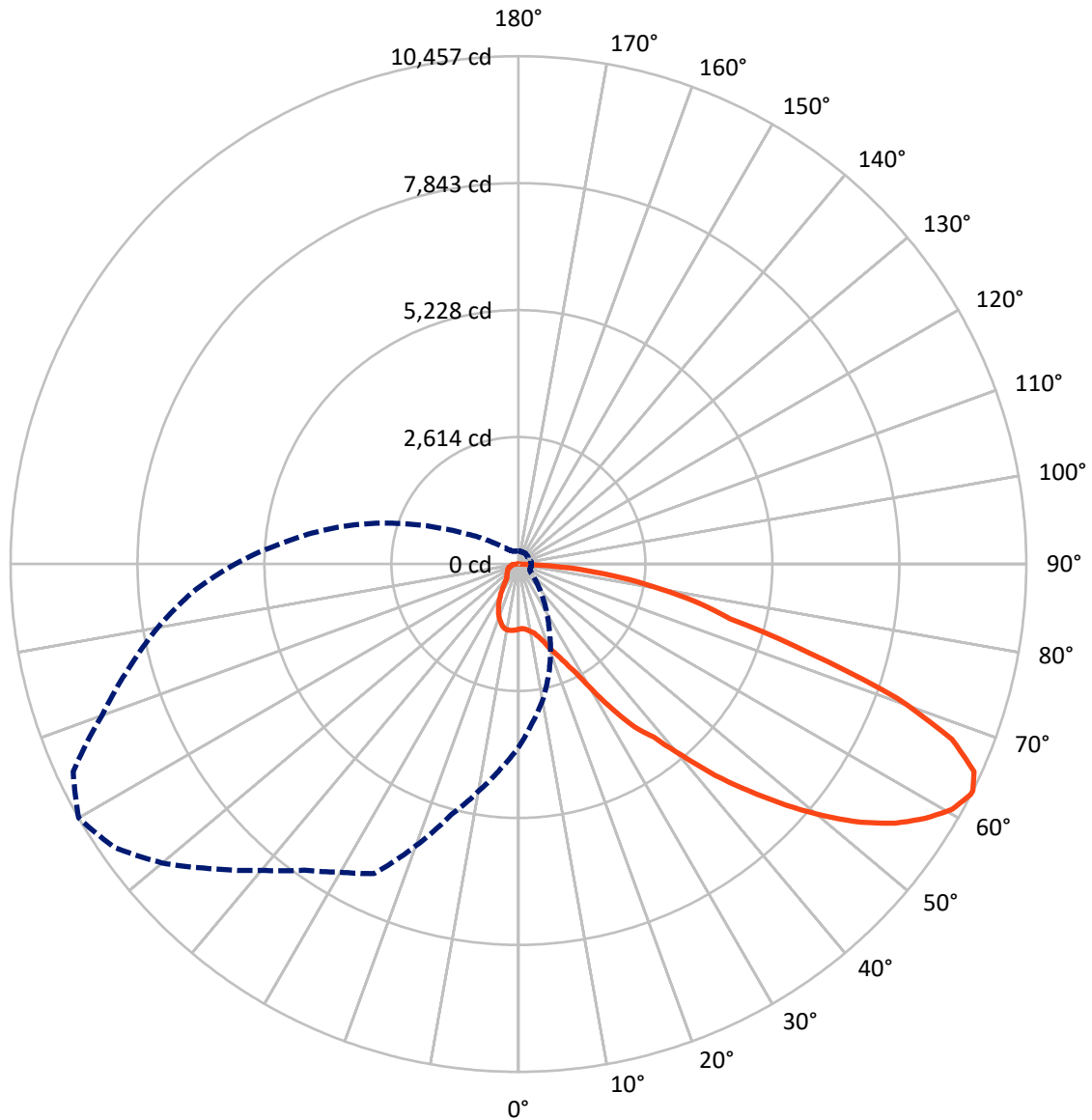
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 4.2 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 300-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2316.7	0.0	2316.7
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	8367.0	0.0	8367.0
	% Fixture	78.3	0.0	78.3
Total	Lumens	10683.7	0.0	10683.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	130.7	1.2
10°-20°	407.0	3.8
20°-30°	723.1	6.8
30°-40°	1138.7	10.7
40°-50°	1675.9	15.7
50°-60°	2226.0	20.8
60°-70°	2452.0	23.0
70°-80°	1538.4	14.4
80°-90°	391.8	3.7
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	10683.7	100.0
0°-180°	10683.7	100.0

Coefficient of Utilization



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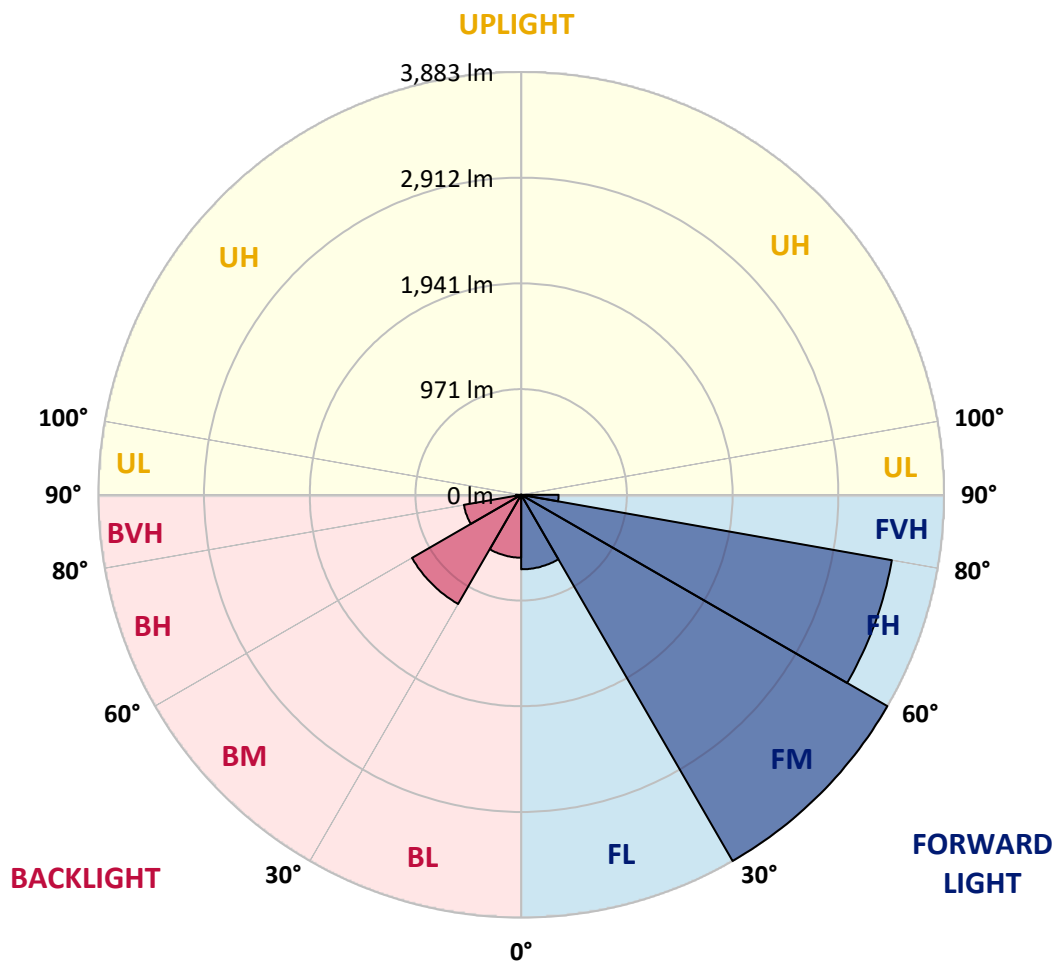
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	684.1	6.4			
FM (30°-60°)	3882.7	36.3			
FH (60°-80°)	3456.4	32.4			G2/5000
FVH (80°-90°)	343.8	3.2			G3/500
BL (0°-30°)	576.8	5.4	B2/1000		
BM (30°-60°)	1157.9	10.8	B2/2500		
BH (60°-80°)	534.0	5.0	B2/1000		G2/1000
BVH (80°-90°)	48.0	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6
2.5°	1324.7	1328.6	1327.3	1327.3	1329.8	1328.6	1328.6	1329.8	1329.8	1333.7	1338.8
5°	1314.4	1313.1	1310.6	1313.1	1313.1	1313.1	1308.0	1311.9	1313.1	1315.7	1315.7
7.5°	1327.3	1323.4	1318.3	1319.5	1319.5	1317.0	1313.1	1314.4	1313.1	1313.1	1311.9
10°	1343.9	1334.9	1328.6	1328.6	1328.6	1326.0	1319.5	1323.4	1323.4	1322.1	1323.4
12.5°	1373.3	1363.1	1355.5	1352.8	1352.8	1349.0	1343.9	1349.0	1346.4	1346.4	1343.9
15°	1422.0	1410.4	1401.5	1393.8	1395.1	1395.1	1388.7	1384.8	1379.7	1373.3	1360.6
17.5°	1494.9	1482.1	1470.6	1464.2	1465.5	1456.5	1438.6	1420.7	1396.4	1372.0	1345.1
20°	1598.6	1594.7	1579.4	1573.0	1557.6	1535.8	1486.0	1443.7	1396.4	1350.2	1304.2
22.5°	1777.8	1759.8	1744.5	1720.2	1668.9	1608.8	1525.6	1451.4	1377.1	1311.9	1250.4
25°	2018.4	1986.4	1910.9	1836.7	1731.7	1624.2	1511.5	1415.5	1323.4	1237.7	1162.1
27.5°	2255.2	2157.9	2023.5	1889.1	1735.5	1594.7	1454.0	1340.0	1232.6	1139.1	1055.9
30°	2541.9	2378.1	2172.0	1959.5	1742.0	1552.5	1383.5	1250.4	1126.3	1027.7	940.7
32.5°	2810.6	2573.9	2303.8	2024.8	1756.0	1512.8	1302.9	1151.9	1023.9	899.7	814.1
35°	2994.9	2687.7	2360.1	2031.2	1721.5	1437.3	1201.8	1023.9	895.9	780.7	679.6
37.5°	3105.0	2737.7	2362.7	1985.1	1640.8	1334.9	1073.9	897.2	779.4	669.4	590.1
40°	3174.2	2749.2	2329.4	1918.5	1538.4	1205.7	945.9	787.2	679.6	591.4	529.9
42.5°	3207.4	2731.3	2275.6	1834.1	1434.8	1090.4	856.3	706.5	613.0	550.3	504.3
45°	3212.5	2699.3	2218.1	1757.3	1342.6	1007.3	794.8	673.2	596.5	543.9	497.9
47.5°	3212.5	2671.2	2172.0	1700.9	1282.4	971.4	789.7	687.3	611.8	552.9	497.9
50°	3215.1	2662.2	2152.8	1672.8	1262.0	990.6	833.2	730.8	645.0	568.3	496.6
52.5°	3226.6	2673.7	2168.1	1694.6	1299.1	1067.4	915.2	796.1	688.6	586.2	496.6
55°	3252.2	2712.1	2233.4	1770.1	1398.9	1183.9	1013.7	866.5	723.2	593.9	488.9
57.5°	3323.8	2809.3	2352.5	1916.0	1569.1	1318.3	1103.3	916.4	735.9	587.4	473.6
60°	3467.2	3002.6	2555.9	2120.8	1749.6	1433.5	1155.7	924.1	724.4	567.0	449.2
62.5°	3696.3	3224.0	2803.0	2343.5	1909.6	1497.5	1162.1	904.8	693.7	529.9	413.4
63°	3775.7	3279.1	2855.5	2385.7	1930.1	1502.6	1157.0	897.2	686.1	519.6	408.3
65°	3997.1	3510.7	3037.2	2534.2	1987.6	1503.9	1128.8	858.8	650.1	480.0	372.5
67.5°	4410.5	3815.4	3266.3	2650.6	2008.1	1462.9	1057.2	787.2	574.7	418.5	327.6
70°	4671.6	3985.6	3354.6	2653.2	1948.0	1346.4	933.0	670.7	478.7	346.9	281.6
72.5°	4603.7	3817.9	3121.7	2413.9	1688.2	1125.0	750.1	527.4	373.8	277.8	234.2
75°	3943.4	3178.0	2547.0	1870.0	1276.0	826.8	549.1	376.3	276.5	217.6	195.8
77.5°	2838.8	2287.2	1826.4	1332.4	860.1	535.0	364.7	268.7	209.9	179.2	161.3
80°	1808.5	1341.3	1117.3	801.2	503.0	331.5	250.9	203.5	172.7	149.8	138.2
82.5°	944.6	661.7	537.6	409.6	279.0	218.9	184.3	166.4	142.0	124.2	117.8
85°	588.7	390.3	289.2	202.2	139.5	125.4	115.2	112.7	101.1	89.6	85.8
87.5°	66.5	60.2	62.7	39.7	29.4	32.0	30.7	40.9	39.7	29.4	30.7
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°	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6
2.5°	1333.7	1336.2	1336.2	1340.0	1340.0	1342.6	1345.1	1345.1	1347.7	1349.0	1351.5
5°	1318.3	1318.3	1318.3	1323.4	1324.7	1332.4	1334.9	1337.5	1340.0	1349.0	1354.1
7.5°	1314.4	1309.3	1311.9	1311.9	1315.7	1322.1	1328.6	1332.4	1336.2	1347.7	1355.5
10°	1322.1	1318.3	1314.4	1314.4	1315.7	1318.3	1323.4	1327.3	1329.8	1341.3	1347.7
12.5°	1342.6	1333.7	1326.0	1319.5	1314.4	1313.1	1310.6	1311.9	1314.4	1320.8	1329.8
15°	1346.4	1329.8	1313.1	1296.6	1283.7	1276.0	1269.7	1267.1	1267.1	1270.9	1281.2
17.5°	1320.8	1292.7	1268.4	1246.6	1232.6	1218.4	1212.1	1207.0	1204.4	1209.5	1210.8
20°	1265.8	1232.6	1199.3	1173.7	1148.1	1144.2	1134.0	1136.6	1139.1	1146.8	1150.6
22.5°	1190.3	1150.6	1109.7	1082.8	1062.3	1044.4	1032.8	1038.0	1041.9	1049.5	1053.3
25°	1098.1	1040.6	997.0	970.1	948.4	933.0	920.3	925.4	920.3	929.2	943.3
27.5°	989.4	921.5	875.4	844.7	829.4	816.6	803.7	803.7	816.6	816.6	828.1
30°	857.5	807.6	747.4	715.4	696.3	688.6	687.3	684.7	693.7	698.8	711.6
32.5°	733.4	671.9	614.3	583.6	567.0	558.0	559.4	560.6	564.5	572.1	592.6
35°	607.9	554.2	513.2	478.7	462.0	445.4	445.4	442.9	446.7	455.6	480.0
37.5°	527.4	480.0	448.0	421.1	404.5	394.2	385.2	381.4	381.4	385.2	394.2
40°	482.5	448.0	418.5	395.4	380.1	371.2	366.0	362.2	359.6	359.6	360.9
42.5°	462.0	426.2	396.7	376.3	364.7	359.6	358.3	357.1	353.2	352.0	350.7
45°	451.8	410.9	377.6	360.9	352.0	349.4	350.7	350.7	349.4	346.9	341.8
47.5°	444.1	396.7	363.4	348.1	344.3	344.3	344.3	344.3	343.0	341.8	337.9
50°	431.4	375.0	339.2	327.6	325.1	325.1	326.3	326.3	328.9	326.3	323.8
52.5°	417.2	354.5	318.7	308.5	307.2	305.9	305.9	305.9	307.2	307.2	305.9
55°	401.9	339.2	308.5	300.7	302.0	300.7	299.5	298.2	298.2	296.9	294.4
57.5°	386.5	326.3	300.7	295.6	296.9	296.9	294.4	291.8	290.5	286.7	284.1
60°	363.4	308.5	285.4	282.9	286.7	286.7	286.7	285.4	285.4	284.1	277.8
62.5°	332.7	282.9	264.9	266.2	267.5	270.0	270.0	270.0	270.0	267.5	261.1
63°	326.3	277.8	261.1	261.1	264.9	264.9	266.2	264.9	266.2	263.6	256.0
65°	300.7	261.1	248.3	249.6	252.1	252.1	252.1	250.9	250.9	247.0	243.2
67.5°	271.4	240.7	232.9	234.2	235.5	238.0	236.7	236.7	238.0	235.5	231.6
70°	238.0	218.9	213.8	215.0	216.3	216.3	215.0	215.0	216.3	213.8	209.9
72.5°	212.5	204.7	200.9	200.9	198.4	198.4	195.8	194.5	193.3	193.3	189.4
75°	179.2	177.9	179.2	181.8	179.2	176.7	175.3	171.5	168.9	168.9	167.6
77.5°	153.6	153.6	156.2	160.0	161.3	161.3	157.4	151.1	149.8	149.8	149.8
80°	133.1	130.5	130.5	134.4	138.2	136.9	130.5	124.2	124.2	130.5	131.8
82.5°	116.5	116.5	112.7	114.0	112.7	111.3	104.9	101.1	99.8	104.9	110.0
85°	92.2	93.4	92.2	90.9	89.6	85.8	80.7	76.8	75.5	80.7	88.3
87.5°	37.1	35.8	34.5	35.8	34.5	37.1	35.8	33.3	32.0	35.8	43.5
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6
2.5°	1352.8	1355.5	1358.0	1358.0	1360.6	1359.3	1360.6	1361.8	1361.8	1363.1	1363.1
5°	1360.6	1364.4	1369.5	1374.6	1375.9	1379.7	1383.5	1381.0	1384.8	1390.0	1390.0
7.5°	1363.1	1372.0	1375.9	1383.5	1384.8	1390.0	1398.9	1392.6	1400.2	1404.0	1405.3
10°	1359.3	1368.2	1374.6	1383.5	1387.4	1396.4	1405.3	1402.8	1411.7	1418.1	1419.4
12.5°	1336.2	1345.1	1359.3	1372.0	1382.2	1396.4	1413.0	1407.9	1420.7	1428.4	1432.2
15°	1291.4	1300.4	1315.7	1336.2	1355.5	1377.1	1398.9	1402.8	1415.5	1424.5	1428.4
17.5°	1221.0	1232.6	1249.2	1270.9	1295.3	1332.4	1360.6	1374.6	1392.6	1397.7	1404.0
20°	1155.7	1167.3	1177.5	1190.3	1208.2	1244.1	1281.2	1309.3	1332.4	1351.5	1356.7
22.5°	1068.8	1079.0	1091.7	1102.0	1114.8	1140.4	1171.1	1203.1	1238.9	1250.4	1263.3
25°	963.7	970.1	988.1	994.5	1003.4	1025.2	1049.5	1072.6	1107.1	1131.4	1137.9
27.5°	851.2	857.5	874.1	878.1	889.5	910.0	927.9	936.8	968.8	994.5	1015.0
30°	720.6	737.2	757.7	760.3	773.0	785.9	802.5	811.4	840.8	867.7	893.4
32.5°	607.9	624.6	641.2	651.4	657.9	668.1	684.7	693.7	721.9	746.1	771.8
35°	492.7	513.2	531.2	545.2	550.3	563.2	575.9	584.9	614.3	636.1	654.1
37.5°	405.8	421.1	440.3	454.3	468.5	477.4	492.7	505.6	523.4	535.0	554.2
40°	363.4	371.2	381.4	392.9	404.5	414.7	426.2	436.5	448.0	463.4	476.1
42.5°	349.4	350.7	350.7	354.5	360.9	366.0	376.3	384.0	391.6	403.2	409.6
45°	339.2	337.9	335.4	332.7	334.0	336.7	343.0	348.1	357.1	362.2	363.4
47.5°	334.0	328.9	323.8	320.0	318.7	320.0	325.1	330.2	335.4	339.2	340.5
50°	317.4	313.6	305.9	300.7	298.2	300.7	307.2	309.8	314.9	318.7	320.0
52.5°	300.7	295.6	290.5	285.4	285.4	286.7	291.8	296.9	302.0	303.4	305.9
55°	290.5	282.9	277.8	273.9	271.4	275.2	279.0	285.4	291.8	293.1	295.6
57.5°	280.3	272.7	267.5	263.6	261.1	264.9	268.7	277.8	285.4	285.4	285.4
60°	273.9	267.5	259.8	256.0	252.1	256.0	261.1	270.0	277.8	276.5	275.2
62.5°	256.0	249.6	245.8	245.8	241.9	248.3	253.4	263.6	264.9	262.4	259.8
63°	250.9	245.8	243.2	243.2	240.7	247.0	252.1	261.1	261.1	258.5	256.0
65°	238.0	234.2	231.6	234.2	234.2	240.7	241.9	248.3	247.0	243.2	241.9
67.5°	227.8	225.3	222.7	222.7	222.7	224.0	225.3	227.8	226.5	225.3	226.5
70°	211.2	209.9	207.4	207.4	206.0	206.0	206.0	207.4	207.4	208.7	209.9
72.5°	190.7	188.2	188.2	189.4	186.9	188.2	189.4	188.2	190.7	190.7	192.0
75°	167.6	166.4	168.9	171.5	170.2	170.2	171.5	171.5	172.7	172.7	174.0
77.5°	149.8	151.1	152.3	154.9	156.2	156.2	156.2	154.9	156.2	156.2	157.4
80°	133.1	135.6	138.2	140.7	142.0	142.0	142.0	140.7	140.7	140.7	140.7
82.5°	120.3	124.2	126.7	128.0	128.0	128.0	128.0	128.0	128.0	125.4	122.9
85°	101.1	108.7	108.7	110.0	106.2	103.6	101.1	102.4	103.6	98.5	97.3
87.5°	51.2	51.2	53.8	56.3	57.6	57.6	65.3	61.4	60.2	58.9	56.3
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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CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6
2.5°	1364.4	1363.1	1365.7	1363.1	1364.4	1365.7	1363.1	1366.9	1369.5	1365.7	1361.8
5°	1392.6	1392.6	1398.9	1401.5	1402.8	1410.4	1406.6	1409.1	1411.7	1410.4	1411.7
7.5°	1410.4	1415.5	1422.0	1428.4	1429.7	1436.0	1434.8	1438.6	1441.1	1447.5	1447.5
10°	1425.8	1432.2	1441.1	1447.5	1454.0	1459.1	1461.6	1469.3	1470.6	1475.7	1475.7
12.5°	1439.9	1447.5	1456.5	1466.8	1473.1	1483.4	1484.7	1496.2	1500.0	1501.3	1497.5
15°	1437.3	1446.2	1456.5	1468.0	1479.5	1492.4	1500.0	1511.5	1518.0	1520.5	1514.1
17.5°	1413.0	1420.7	1433.5	1448.8	1462.9	1479.5	1493.6	1510.2	1520.5	1523.1	1521.8
20°	1365.7	1370.8	1387.4	1407.9	1424.5	1450.1	1470.6	1496.2	1512.8	1525.6	1529.5
22.5°	1272.2	1285.0	1301.7	1324.7	1349.0	1381.0	1410.4	1447.5	1483.4	1514.1	1544.8
25°	1159.5	1182.6	1208.2	1238.9	1268.4	1301.7	1334.9	1377.1	1429.7	1493.6	1566.6
27.5°	1045.7	1085.3	1117.3	1157.0	1191.5	1224.8	1262.0	1308.0	1365.7	1442.4	1535.8
30°	930.5	975.3	1009.9	1055.9	1102.0	1146.8	1183.9	1232.6	1288.8	1366.9	1469.3
32.5°	807.6	852.4	893.4	935.6	986.8	1040.6	1085.3	1145.5	1205.7	1286.3	1390.0
35°	680.9	720.6	755.2	799.9	856.3	913.9	972.8	1041.9	1107.1	1191.5	1301.7
37.5°	570.8	599.0	632.3	671.9	715.4	776.9	843.4	925.4	999.6	1091.7	1204.4
40°	480.0	495.4	514.5	547.8	587.4	647.6	712.9	799.9	889.5	990.6	1099.4
42.5°	409.6	417.2	422.3	444.1	476.1	535.0	597.7	682.1	780.7	890.8	1000.8
45°	363.4	367.4	368.7	380.1	403.2	454.3	519.6	591.4	686.1	793.5	908.7
47.5°	341.8	345.6	348.1	350.7	364.7	404.5	463.4	531.2	618.1	716.7	834.5
50°	323.8	327.6	331.5	330.2	336.7	362.2	412.1	474.8	556.7	647.6	764.1
52.5°	305.9	308.5	308.5	308.5	312.3	328.9	364.7	422.3	497.9	583.6	698.8
55°	295.6	298.2	299.5	300.7	302.0	311.0	337.9	384.0	449.2	528.6	632.3
57.5°	285.4	286.7	289.2	290.5	293.1	298.2	314.9	348.1	403.2	469.7	556.7
60°	276.5	279.0	284.1	285.4	288.0	289.2	296.9	317.4	353.2	404.5	474.8
62.5°	262.4	266.2	271.4	272.7	275.2	276.5	277.8	289.2	305.9	336.7	389.1
63°	258.5	262.4	268.7	270.0	271.4	271.4	272.7	280.3	295.6	322.5	360.9
65°	244.5	249.6	253.4	254.7	256.0	256.0	254.7	257.3	258.5	270.0	293.1
67.5°	229.1	232.9	235.5	236.7	235.5	236.7	235.5	232.9	230.4	232.9	243.2
70°	213.8	216.3	216.3	217.6	218.9	220.2	217.6	215.0	212.5	211.2	217.6
72.5°	195.8	198.4	198.4	199.6	199.6	202.2	202.2	200.9	200.9	202.2	203.5
75°	177.9	180.5	179.2	181.8	181.8	185.6	185.6	186.9	189.4	188.2	186.9
77.5°	161.3	162.5	162.5	163.8	165.1	171.5	175.3	176.7	176.7	174.0	171.5
80°	143.3	143.3	140.7	139.5	140.7	147.2	154.9	156.2	160.0	158.7	160.0
82.5°	120.3	115.2	111.3	111.3	114.0	117.8	120.3	122.9	125.4	125.4	128.0
85°	92.2	87.1	83.2	84.5	88.3	89.6	88.3	88.3	93.4	97.3	93.4
87.5°	55.1	50.0	47.3	43.5	44.8	48.7	47.3	43.5	44.8	35.8	33.3
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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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6
2.5°	1364.4	1363.1	1360.6	1356.7	1355.5	1352.8	1354.1	1350.2	1347.7	1345.1	1341.3
5°	1411.7	1411.7	1404.0	1404.0	1400.2	1398.9	1390.0	1386.1	1378.4	1381.0	1372.0
7.5°	1445.0	1448.8	1439.9	1438.6	1433.5	1432.2	1420.7	1416.8	1410.4	1407.9	1400.2
10°	1469.3	1469.3	1457.8	1448.8	1442.4	1436.0	1424.5	1419.4	1414.2	1415.5	1410.4
12.5°	1488.5	1479.5	1462.9	1450.1	1441.1	1434.8	1425.8	1422.0	1420.7	1429.7	1430.9
15°	1503.9	1491.1	1470.6	1461.6	1454.0	1452.7	1452.7	1456.5	1465.5	1482.1	1494.9
17.5°	1512.8	1505.1	1494.9	1492.4	1505.1	1512.8	1523.1	1534.6	1547.4	1570.4	1584.5
20°	1529.5	1534.6	1542.2	1552.5	1573.0	1592.2	1604.9	1621.6	1636.9	1665.1	1688.2
22.5°	1573.0	1602.4	1626.7	1647.3	1678.0	1704.8	1721.5	1744.5	1756.0	1775.2	1811.1
25°	1629.3	1689.5	1740.7	1784.2	1831.5	1859.6	1882.7	1912.2	1930.1	1962.1	1994.1
27.5°	1612.7	1698.4	1775.2	1855.8	1921.1	1994.1	2045.2	2093.9	2124.7	2172.0	2214.2
30°	1561.5	1663.8	1767.5	1873.8	1977.4	2082.3	2179.6	2268.0	2335.8	2403.6	2472.8
32.5°	1492.4	1610.1	1736.8	1867.4	2003.0	2148.9	2283.4	2416.5	2529.0	2627.6	2723.6
35°	1413.0	1546.1	1678.0	1839.2	2006.9	2192.5	2379.4	2563.6	2735.1	2909.2	3026.9
37.5°	1318.3	1454.0	1601.1	1786.7	1983.8	2212.9	2451.0	2691.6	2934.8	3169.0	3372.5
40°	1217.2	1355.5	1510.2	1711.2	1933.9	2200.1	2497.0	2820.9	3154.9	3494.1	3764.1
42.5°	1127.5	1269.7	1438.6	1642.1	1884.0	2183.5	2534.2	2932.2	3340.5	3760.3	4157.0
45°	1040.6	1196.7	1374.6	1593.5	1862.2	2196.3	2589.2	3035.9	3506.9	4016.3	4500.1
47.5°	962.5	1121.2	1294.0	1533.3	1830.2	2202.7	2643.0	3139.6	3664.3	4215.9	4790.6
50°	892.1	1045.7	1215.9	1456.5	1780.3	2198.9	2691.6	3233.0	3800.0	4373.4	5014.6
52.5°	823.0	979.1	1153.2	1382.2	1718.9	2177.1	2714.6	3309.8	3925.4	4532.1	5195.1
55°	755.2	908.7	1084.1	1311.9	1638.2	2120.8	2712.1	3359.7	4025.2	4681.9	5369.1
57.5°	675.8	821.7	993.2	1233.8	1552.5	2033.8	2673.7	3382.7	4111.0	4830.4	5577.8
60°	577.2	714.1	879.3	1119.9	1439.9	1922.4	2593.0	3370.0	4161.0	4940.4	5755.7
62.5°	455.6	574.7	725.7	961.2	1299.1	1762.4	2442.1	3253.5	4081.6	4925.1	5838.8
63°	430.0	542.7	689.9	922.8	1238.9	1718.9	2397.2	3207.4	4043.2	4893.1	5827.4
65°	345.6	418.5	536.3	744.9	1036.8	1505.1	2174.5	2970.6	3837.1	4667.7	5661.0
67.5°	264.9	302.0	364.7	510.7	733.4	1183.9	1761.1	2517.5	3330.3	4111.0	5124.7
70°	226.5	243.2	270.0	339.2	465.9	747.4	1236.4	1877.6	2581.5	3258.6	4169.9
72.5°	206.0	213.8	227.8	257.3	320.0	448.0	788.4	1222.3	1756.0	2323.0	3026.9
75°	189.4	195.8	207.4	222.7	245.8	298.2	449.2	747.4	1141.7	1525.6	2042.7
77.5°	172.7	176.7	189.4	203.5	218.9	245.8	296.9	430.0	656.6	899.7	1231.3
80°	158.7	156.2	165.1	188.2	203.5	218.9	234.2	279.0	373.8	492.7	665.6
82.5°	126.7	129.3	136.9	160.0	166.4	162.5	165.1	172.7	208.7	227.8	340.5
85°	85.8	79.3	78.0	80.7	80.7	76.8	76.8	75.5	83.2	94.7	162.5
87.5°	23.1	11.5	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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REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6	0°
2.5°	1338.8	1337.5	1338.8	1332.4	1332.4	1331.1	1329.8	1327.3	1327.3	1322.1	1326.0	2.5°
5°	1364.4	1361.8	1356.7	1349.0	1345.1	1340.0	1340.0	1334.9	1331.1	1326.0	1327.3	5°
7.5°	1393.8	1395.1	1386.1	1379.7	1377.1	1372.0	1373.3	1365.7	1366.9	1363.1	1360.6	7.5°
10°	1410.4	1410.4	1413.0	1411.7	1414.2	1414.2	1418.1	1413.0	1410.4	1406.6	1406.6	10°
12.5°	1437.3	1442.4	1452.7	1452.7	1460.4	1462.9	1464.2	1466.8	1461.6	1459.1	1450.1	12.5°
15°	1503.9	1516.7	1525.6	1538.4	1553.8	1558.9	1558.9	1553.8	1551.3	1547.4	1530.7	15°
17.5°	1614.0	1642.1	1649.8	1670.2	1672.8	1679.2	1697.1	1686.9	1680.5	1653.6	1648.5	17.5°
20°	1726.6	1762.4	1798.2	1823.8	1836.7	1862.2	1866.1	1860.9	1835.4	1809.8	1798.2	20°
22.5°	1862.2	1916.0	1956.9	1996.7	2015.8	2028.7	2056.8	2050.4	2029.9	1991.5	1976.2	22.5°
25°	2054.2	2120.8	2164.3	2212.9	2238.5	2251.4	2279.5	2279.5	2257.7	2246.2	2244.9	25°
27.5°	2296.1	2378.1	2449.7	2466.3	2532.9	2548.3	2575.2	2575.2	2554.6	2540.6	2608.4	27.5°
30°	2564.9	2650.6	2774.8	2858.0	2938.6	3018.0	3016.7	3021.8	3046.2	3058.9	3088.4	30°
32.5°	2833.7	2939.9	3071.7	3252.2	3425.0	3572.2	3762.9	3884.5	3847.4	3743.7	3702.7	32.5°
35°	3160.0	3277.8	3437.8	3619.6	3935.7	4126.4	4218.5	4283.8	4291.5	4305.5	4335.0	35°
37.5°	3523.6	3720.7	3906.3	4112.3	4287.7	4519.3	4733.1	4904.6	4944.2	5024.9	4978.8	37.5°
40°	3983.0	4203.2	4397.7	4663.9	4899.4	5178.5	5484.3	5719.8	5814.5	5783.8	5553.4	40°
42.5°	4464.3	4736.9	4964.7	5278.3	5584.1	5952.8	6268.9	6597.8	6656.7	6419.9	6075.7	42.5°
45°	4907.1	5245.0	5527.8	5854.3	6227.9	6669.5	7091.9	7429.8	7418.3	7012.5	6551.8	45°
47.5°	5305.1	5719.8	6065.4	6490.4	6892.2	7418.3	7903.3	8152.9	8005.7	7525.7	6961.3	47.5°
50°	5634.1	6151.2	6577.3	7007.4	7518.1	8151.6	8618.8	8759.6	8475.4	7953.3	7359.4	50°
52.5°	5899.0	6547.9	7026.6	7521.9	8167.0	8833.8	9235.7	9183.2	8815.9	8279.6	7688.3	52.5°
55°	6123.0	6851.3	7422.1	8007.0	8806.9	9421.3	9688.8	9548.0	9034.8	8490.8	7913.5	55°
57.5°	6354.6	7145.6	7785.5	8464.0	9354.8	9882.0	10030.5	9741.3	9138.4	8571.4	8010.8	57.5°
60°	6586.4	7391.4	8106.8	8863.2	9769.5	10258.3	10217.4	9784.8	9107.7	8512.5	7945.5	60°
62.5°	6742.5	7537.3	8293.7	9109.0	10080.4	10450.3	10199.4	9629.9	8929.8	8280.9	7751.0	62.5°
63°	6746.3	7542.4	8305.3	9125.6	10114.9	10456.7	10164.9	9574.8	8873.4	8233.5	7693.4	63°
65°	6665.7	7446.4	8202.8	9050.1	10085.6	10309.6	9866.7	9249.7	8552.2	7905.9	7393.9	65°
67.5°	6253.5	7049.6	7717.7	8516.4	9558.2	9622.2	9068.1	8570.2	7943.0	7273.6	6738.6	67.5°
70°	5422.9	6084.6	6739.9	7406.7	8280.9	8269.4	7748.4	7495.0	6946.0	6183.2	5754.4	70°
72.5°	4313.2	4907.1	5367.8	5814.5	6390.5	6274.0	5938.7	6009.1	5653.2	5083.8	4829.1	72.5°
75°	3202.3	3855.0	4080.3	4262.1	4505.2	4506.5	4598.6	4798.4	4793.2	4477.1	4155.8	75°
77.5°	2100.3	2814.4	2890.0	3035.9	3327.7	3724.5	4134.1	4574.4	4684.4	4434.8	3960.0	77.5°
80°	1171.1	1913.4	1826.4	1951.8	2266.7	2805.5	3409.6	3896.0	4182.7	4043.2	3540.2	80°
82.5°	599.0	1103.3	1054.6	1228.7	1483.4	1951.8	2351.2	2724.9	3062.8	3043.6	2852.9	82.5°
85°	311.0	604.1	687.3	778.1	906.1	1073.9	1224.8	1333.7	1474.4	1722.7	1807.2	85°
87.5°	0.0	0.0	0.0	0.0	0.0	1.3	0.0	92.2	66.5	183.1	261.1	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°
1342.6	1342.6	1342.6	1342.6	1342.6	1342.6	1342.6
1327.3	1328.6	1326.0	1326.0	1327.3	1327.3	1324.7
1324.7	1324.7	1322.1	1319.5	1317.0	1317.0	1314.4
1354.1	1354.1	1345.1	1341.3	1334.9	1329.8	1327.3
1397.7	1390.0	1379.7	1372.0	1361.8	1350.2	1343.9
1441.1	1429.7	1416.8	1405.3	1392.6	1379.7	1373.3
1512.8	1497.5	1480.8	1466.8	1448.8	1429.7	1422.0
1622.9	1598.6	1576.8	1556.4	1524.4	1510.2	1494.9
1768.8	1732.9	1704.8	1670.2	1630.6	1617.8	1598.6
1945.4	1914.7	1858.4	1832.8	1793.1	1774.0	1777.8
2214.2	2174.5	2109.2	2084.9	2081.1	2038.9	2018.4
2564.9	2567.5	2507.3	2442.1	2406.2	2339.6	2255.2
3064.0	3029.5	2959.1	2892.6	2808.1	2682.6	2541.9
3668.2	3591.4	3474.9	3350.7	3201.0	3007.7	2810.6
4258.2	4123.8	3938.3	3730.9	3514.6	3274.0	2994.9
4776.6	4567.9	4290.2	4052.1	3746.3	3445.5	3105.0
5250.1	4991.6	4633.2	4324.8	3963.8	3577.3	3174.2
5708.3	5380.7	4941.7	4524.4	4116.1	3665.6	3207.4
6144.8	5722.4	5201.5	4704.9	4227.5	3723.2	3212.5
6480.1	6019.3	5434.5	4835.5	4304.3	3766.7	3212.5
6791.1	6270.2	5612.3	4937.8	4375.9	3796.1	3215.1
7033.0	6446.8	5727.5	5010.8	4432.3	3817.9	3226.6
7208.3	6562.0	5804.3	5055.6	4473.2	3848.7	3252.2
7331.2	6637.5	5846.5	5095.3	4523.1	3902.3	3323.8
7390.1	6777.1	5917.0	5174.6	4608.9	4016.3	3467.2
7345.3	6993.3	6117.9	5309.0	4727.9	4194.2	3696.3
7326.1	7033.0	6172.9	5338.5	4754.8	4232.6	3775.7
7176.3	7072.7	6399.5	5486.9	4882.8	4402.8	3997.1
6711.8	6916.5	6590.2	5737.7	5158.0	4816.2	4410.5
6110.2	6684.9	6555.6	5769.7	5333.3	5155.4	4671.6
5389.6	5984.8	5864.5	5343.6	5140.0	5159.3	4603.7
4241.5	4688.2	4608.9	4425.9	4466.8	4607.6	3943.4
3398.1	3338.0	3154.9	3167.7	3404.5	3569.6	2838.8
2776.1	2247.5	2009.4	2015.8	2429.2	2600.8	1808.5
2641.7	2125.9	1731.7	1512.8	1767.5	1702.2	944.6
1881.4	1885.3	1564.0	1270.9	1231.3	1047.0	588.7
445.4	357.1	254.7	189.4	199.6	131.8	66.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)