

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: STREETWORKS

Report Number: P153758

Luminaire Tested: **AVS-E04-LED-E-U-SLR-8030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P153758
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33681)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: AVS-E04-LED-E-U-SLR-8030
Description: VISION SITE SMALL LED LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (84) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9393.5 lumens
Efficiency: N/A
Efficacy: 96.6 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B2 - U0 - G3

Input Watts (W): 97.2
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: 28.75 FT

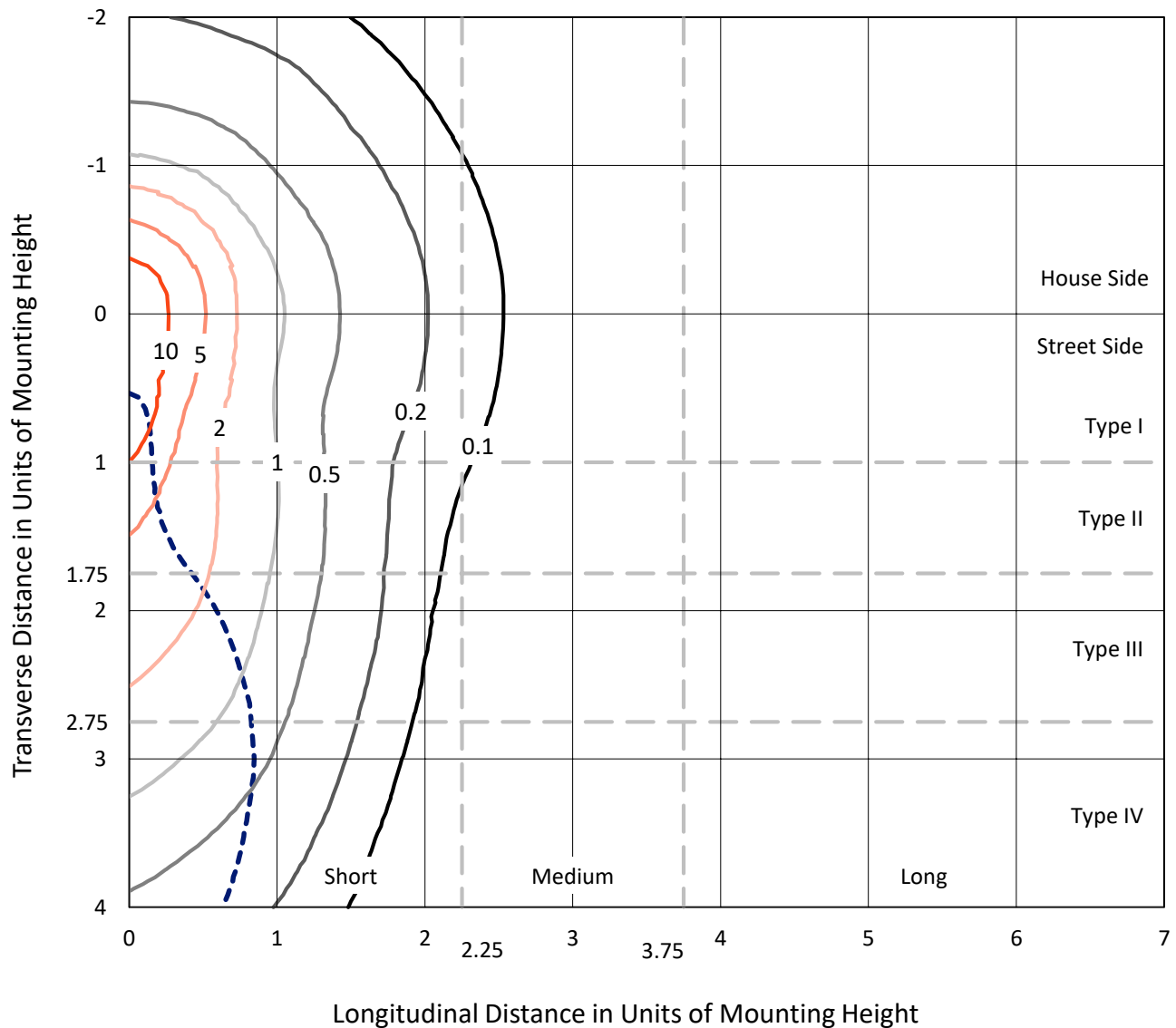


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

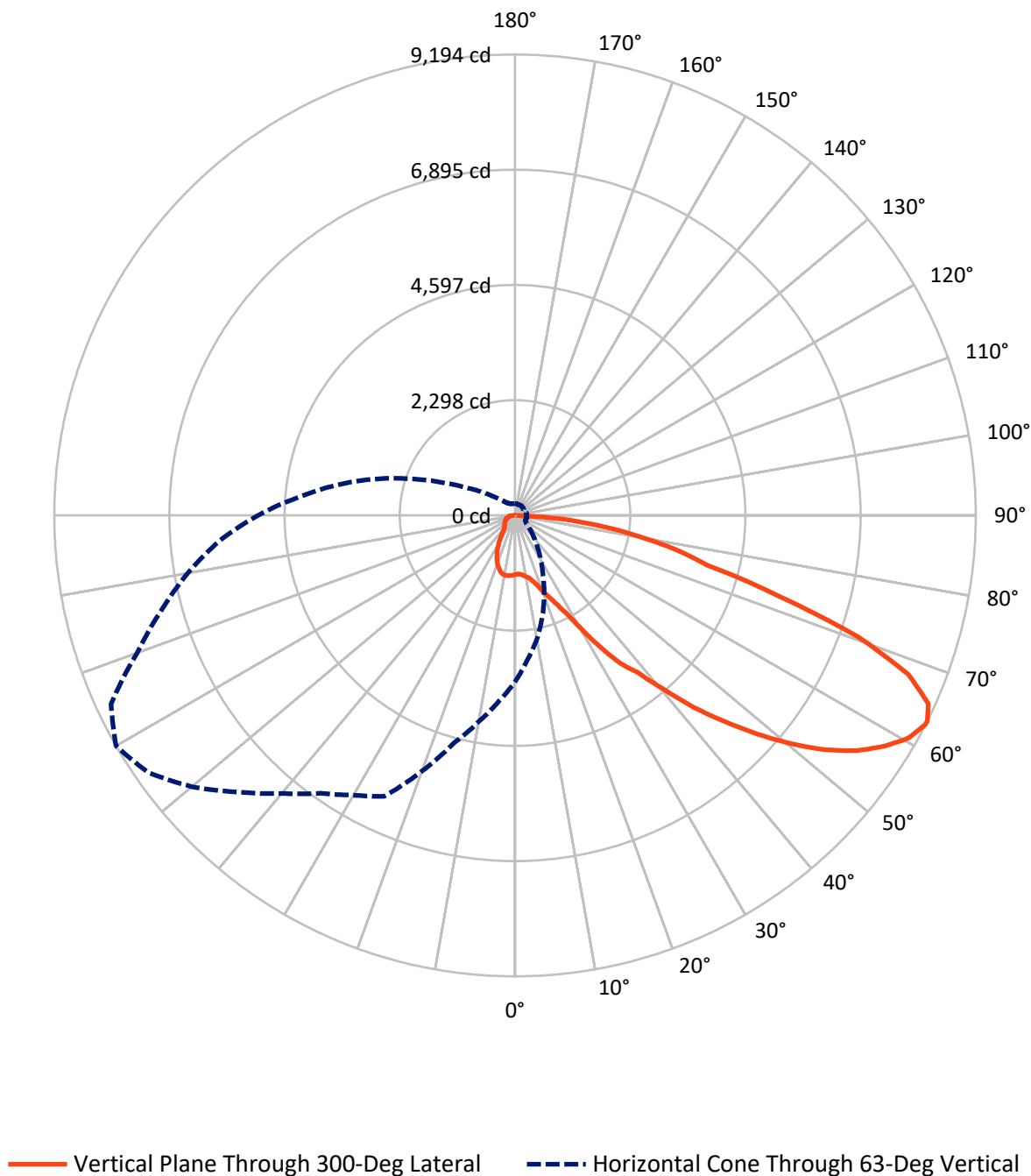


Based on 10 foot mounting height. Maximum calculated value = 14.8 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2036.9	0.0	2036.9
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	7356.5	0.0	7356.5
	% Fixture	78.3	0.0	78.3
Total	Lumens	9393.5	0.0	9393.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	114.9	1.2
10°-20°	357.9	3.8
20°-30°	635.8	6.8
30°-40°	1001.2	10.7
40°-50°	1473.5	15.7
50°-60°	1957.2	20.8
60°-70°	2155.9	23.0
70°-80°	1352.6	14.4
80°-90°	344.5	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°	9393.5	100.0
0°-180°	9393.5	100.0

Coefficient of Utilization



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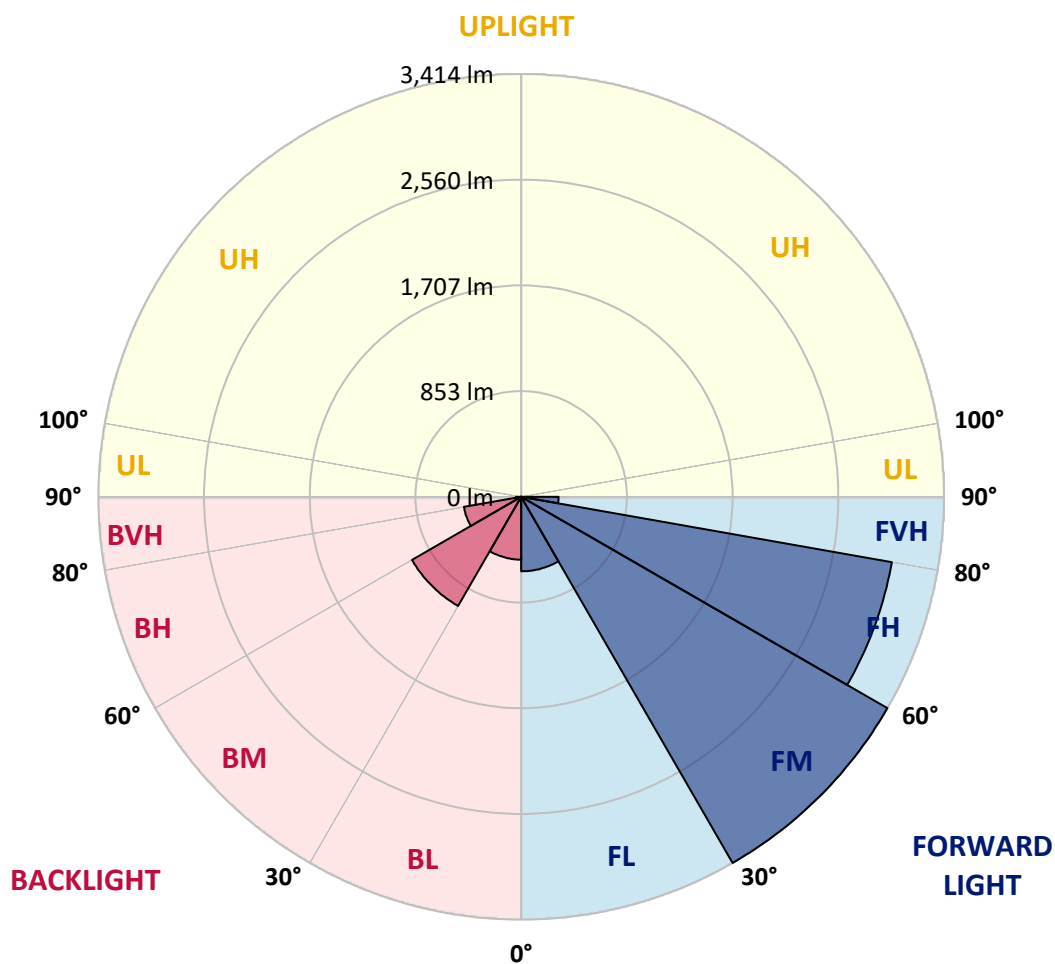
CATALOG NUMBER: AVS-E04-LED-E-U-SLR-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	601.5	6.4			
FM	(30°-60°)	3413.8	36.3			
FH	(60°-80°)	3038.9	32.4			G2/5000
FVH	(80°-90°)	302.3	3.2			G3/500
BL	(0°-30°)	507.1	5.4	B2/1000		
BM	(30°-60°)	1018.1	10.8	B2/2500		
BH	(60°-80°)	469.5	5.0	B1/500		G1/500
BVH	(80°-90°)	42.2	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°	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4
2.5°	1164.7	1168.1	1166.9	1166.9	1169.2	1168.1	1168.1	1169.2	1169.2	1172.5	1177.1
5°	1155.8	1154.6	1152.3	1154.6	1154.6	1154.6	1150.1	1153.5	1154.6	1156.8	1156.8
7.5°	1166.9	1163.6	1159.1	1160.2	1160.2	1157.9	1154.6	1155.8	1154.6	1154.6	1153.5
10°	1181.6	1173.7	1168.1	1168.1	1168.1	1165.8	1160.2	1163.6	1163.6	1162.5	1163.6
12.5°	1207.5	1198.4	1191.7	1189.4	1189.4	1186.1	1181.6	1186.1	1183.8	1183.8	1181.6
15°	1250.3	1240.1	1232.2	1225.5	1226.6	1226.6	1220.9	1217.6	1213.1	1207.5	1196.2
17.5°	1314.4	1303.1	1293.0	1287.4	1288.5	1280.6	1264.9	1249.1	1227.8	1206.3	1182.7
20°	1405.5	1402.2	1388.6	1383.0	1369.5	1350.4	1306.5	1269.3	1227.8	1187.3	1146.7
22.5°	1563.1	1547.4	1533.8	1512.4	1467.5	1414.5	1341.3	1276.2	1210.9	1153.5	1099.5
25°	1774.6	1746.5	1680.1	1614.8	1522.6	1428.1	1329.0	1244.6	1163.6	1088.2	1021.8
27.5°	1982.8	1897.3	1779.2	1660.9	1525.9	1402.2	1278.3	1178.2	1083.7	1001.6	928.4
30°	2234.9	2090.9	1909.6	1722.9	1531.6	1365.0	1216.5	1099.5	990.3	903.6	827.2
32.5°	2471.2	2263.0	2025.6	1780.2	1543.9	1330.2	1145.6	1012.7	900.2	791.1	715.8
35°	2633.3	2363.2	2075.1	1785.9	1513.6	1263.7	1056.7	900.2	787.8	686.4	597.5
37.5°	2730.1	2407.0	2077.3	1745.4	1442.7	1173.7	944.1	788.8	685.3	588.5	518.8
40°	2790.8	2417.2	2048.1	1686.8	1352.6	1060.1	831.6	692.1	597.5	519.9	465.9
42.5°	2820.1	2401.5	2000.8	1612.5	1261.5	958.8	752.8	621.1	539.1	483.9	443.4
45°	2824.6	2373.3	1950.2	1545.1	1180.4	885.6	698.9	591.9	524.4	478.2	437.7
47.5°	2824.6	2348.5	1909.6	1495.5	1127.6	854.1	694.3	604.2	537.9	486.1	437.7
50°	2826.8	2340.6	1892.7	1470.8	1109.5	871.0	732.5	642.6	567.2	499.7	436.6
52.5°	2836.9	2350.8	1906.3	1489.9	1142.2	938.5	804.6	700.0	605.4	515.4	436.6
55°	2859.5	2384.6	1963.7	1556.3	1229.9	1040.9	891.3	761.9	635.9	522.2	429.8
57.5°	2922.5	2470.1	2068.3	1684.6	1379.7	1159.1	970.1	805.7	647.0	516.5	416.4
60°	3048.5	2640.0	2247.3	1864.7	1538.3	1260.3	1016.2	812.4	636.9	498.5	395.0
62.5°	3249.9	2834.7	2464.5	2060.4	1679.0	1316.6	1021.8	795.6	609.9	465.9	363.5
63°	3319.7	2883.1	2510.6	2097.6	1697.0	1321.1	1017.3	788.8	603.2	456.9	359.0
65°	3514.4	3086.7	2670.4	2228.2	1747.7	1322.3	992.5	755.1	571.7	422.0	327.5
67.5°	3877.8	3354.6	2871.8	2330.6	1765.6	1286.2	929.5	692.1	505.3	368.0	288.1
70°	4107.5	3504.2	2949.4	2332.7	1712.7	1183.8	820.3	589.6	420.8	305.0	247.6
72.5°	4047.8	3356.8	2744.7	2122.4	1484.2	989.1	659.5	463.6	328.6	244.1	205.9
75°	3467.2	2794.2	2239.4	1644.1	1122.0	726.9	482.8	330.9	243.1	191.3	172.1
77.5°	2496.0	2011.0	1605.8	1171.5	756.2	470.4	320.7	236.3	184.6	157.5	141.8
80°	1590.1	1179.4	982.4	704.5	442.3	291.5	220.5	179.0	151.9	131.7	121.6
82.5°	830.5	581.8	472.6	360.1	245.3	192.4	162.1	146.3	124.9	109.1	103.5
85°	517.6	343.2	254.3	177.8	122.7	110.3	101.2	99.1	88.9	78.8	75.4
87.5°	58.5	52.8	55.1	34.9	25.9	28.1	27.0	36.0	34.9	25.9	27.0
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4
2.5°	1172.5	1174.8	1174.8	1178.2	1178.2	1180.4	1182.7	1182.7	1185.0	1186.1	1188.3
5°	1159.1	1159.1	1159.1	1163.6	1164.7	1171.5	1173.7	1176.0	1178.2	1186.1	1190.6
7.5°	1155.8	1151.2	1153.5	1153.5	1156.8	1162.5	1168.1	1171.5	1174.8	1185.0	1191.7
10°	1162.5	1159.1	1155.8	1155.8	1156.8	1159.1	1163.6	1166.9	1169.2	1179.4	1185.0
12.5°	1180.4	1172.5	1165.8	1160.2	1155.8	1154.6	1152.3	1153.5	1155.8	1161.3	1169.2
15°	1183.8	1169.2	1154.6	1140.0	1128.7	1122.0	1116.3	1114.1	1114.1	1117.4	1126.4
17.5°	1161.3	1136.6	1115.2	1096.1	1083.7	1071.3	1065.7	1061.1	1059.0	1063.4	1064.6
20°	1113.0	1083.7	1054.4	1031.9	1009.4	1006.0	997.0	999.3	1001.6	1008.3	1011.7
22.5°	1046.5	1011.7	975.6	952.0	934.0	918.2	908.1	912.6	916.1	922.8	926.1
25°	965.5	914.9	876.6	853.0	833.9	820.3	809.1	813.6	809.1	817.0	829.3
27.5°	869.8	810.3	769.7	742.7	729.2	717.9	706.7	706.7	717.9	717.9	728.1
30°	754.0	710.1	657.2	629.0	612.1	605.4	604.2	602.1	609.9	614.4	625.7
32.5°	644.8	590.8	540.1	513.2	498.5	490.7	491.8	492.8	496.3	503.0	521.0
35°	534.5	487.3	451.3	420.8	406.2	391.6	391.6	389.3	392.7	400.6	422.0
37.5°	463.6	422.0	393.9	370.3	355.6	346.6	338.8	335.3	335.3	338.8	346.6
40°	424.2	393.9	368.0	347.8	334.2	326.3	321.9	318.4	316.2	316.2	317.3
42.5°	406.2	374.7	348.8	330.9	320.7	316.2	315.1	314.0	310.6	309.4	308.3
45°	397.2	361.2	332.0	317.3	309.4	307.3	308.3	308.3	307.3	305.0	300.4
47.5°	390.5	348.8	319.6	306.1	302.7	302.7	302.7	302.7	301.6	300.4	297.1
50°	379.3	329.7	298.2	288.1	285.8	285.8	286.9	286.9	289.2	286.9	284.7
52.5°	366.8	311.7	280.2	271.2	270.1	268.9	268.9	268.9	270.1	270.1	268.9
55°	353.4	298.2	271.2	264.5	265.6	264.5	263.3	262.2	262.2	261.0	258.9
57.5°	339.9	286.9	264.5	260.0	261.0	261.0	258.9	256.6	255.4	252.0	249.8
60°	319.6	271.2	251.0	248.7	252.0	252.0	252.0	251.0	251.0	249.8	244.1
62.5°	292.5	248.7	233.0	234.1	235.2	237.4	237.4	237.4	237.4	235.2	229.5
63°	286.9	244.1	229.5	229.5	233.0	233.0	234.1	233.0	234.1	231.8	225.1
65°	264.5	229.5	218.3	219.5	221.7	221.7	221.7	220.5	220.5	217.2	213.8
67.5°	238.5	211.6	204.8	205.9	207.0	209.3	208.2	208.2	209.3	207.0	203.7
70°	209.3	192.4	188.0	189.0	190.2	190.2	189.0	189.0	190.2	188.0	184.6
72.5°	186.8	180.0	176.7	176.7	174.4	174.4	172.1	171.1	169.9	169.9	166.5
75°	157.5	156.4	157.5	159.8	157.5	155.3	154.2	150.8	148.5	148.5	147.5
77.5°	135.0	135.0	137.3	140.6	141.8	141.8	138.4	132.7	131.7	131.7	131.7
80°	117.0	114.8	114.8	118.1	121.6	120.4	114.8	109.1	109.1	114.8	116.0
82.5°	102.4	102.4	99.1	100.1	99.1	97.9	92.2	88.9	87.8	92.2	96.8
85°	81.0	82.2	81.0	79.9	78.8	75.4	70.9	67.6	66.4	70.9	77.6
87.5°	32.6	31.5	30.4	31.5	30.4	32.6	31.5	29.2	28.1	31.5	38.2
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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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4
2.5°	1189.4	1191.7	1194.0	1194.0	1196.2	1195.1	1196.2	1197.3	1197.3	1198.4	1198.4
5°	1196.2	1199.6	1204.1	1208.6	1209.7	1213.1	1216.5	1214.2	1217.6	1222.1	1222.1
7.5°	1198.4	1206.3	1209.7	1216.5	1217.6	1222.1	1229.9	1224.4	1231.1	1234.5	1235.6
10°	1195.1	1203.0	1208.6	1216.5	1219.9	1227.8	1235.6	1233.4	1241.2	1246.8	1248.0
12.5°	1174.8	1182.7	1195.1	1206.3	1215.3	1227.8	1242.4	1237.8	1249.1	1255.9	1259.3
15°	1135.4	1143.3	1156.8	1174.8	1191.7	1210.9	1229.9	1233.4	1244.6	1252.4	1255.9
17.5°	1073.6	1083.7	1098.3	1117.4	1138.9	1171.5	1196.2	1208.6	1224.4	1228.8	1234.5
20°	1016.2	1026.3	1035.3	1046.5	1062.3	1093.8	1126.4	1151.2	1171.5	1188.3	1192.8
22.5°	939.7	948.6	959.9	968.9	980.1	1002.7	1029.6	1057.8	1089.3	1099.5	1110.7
25°	847.4	853.0	868.7	874.4	882.3	901.3	922.8	943.0	973.4	994.8	1000.4
27.5°	748.3	754.0	768.6	772.0	782.1	800.1	815.9	823.7	851.9	874.4	892.3
30°	633.6	648.2	666.2	668.4	679.7	691.0	705.6	713.5	739.4	763.0	785.5
32.5°	534.5	549.1	563.8	572.7	578.4	587.5	602.1	609.9	634.7	656.1	678.5
35°	433.3	451.3	467.0	479.4	483.9	495.1	506.4	514.3	540.1	559.3	575.0
37.5°	356.7	370.3	387.2	399.5	411.9	419.8	433.3	444.5	460.2	470.4	487.3
40°	319.6	326.3	335.3	345.5	355.6	364.6	374.7	383.7	393.9	407.4	418.7
42.5°	307.3	308.3	308.3	311.7	317.3	321.9	330.9	337.6	344.4	354.5	360.1
45°	298.2	297.1	294.8	292.5	293.7	296.0	301.6	306.1	314.0	318.4	319.6
47.5°	293.7	289.2	284.7	281.3	280.2	281.3	285.8	290.4	294.8	298.2	299.4
50°	279.1	275.8	268.9	264.5	262.2	264.5	270.1	272.3	276.8	280.2	281.3
52.5°	264.5	260.0	255.4	251.0	251.0	252.0	256.6	261.0	265.6	266.7	268.9
55°	255.4	248.7	244.1	240.8	238.5	242.0	245.3	251.0	256.6	257.7	260.0
57.5°	246.4	239.7	235.2	231.8	229.5	233.0	236.3	244.1	251.0	251.0	251.0
60°	240.8	235.2	228.4	225.1	221.7	225.1	229.5	237.4	244.1	243.1	242.0
62.5°	225.1	219.5	216.1	216.1	212.6	218.3	222.8	231.8	233.0	230.7	228.4
63°	220.5	216.1	213.8	213.8	211.6	217.2	221.7	229.5	229.5	227.4	225.1
65°	209.3	205.9	203.7	205.9	205.9	211.6	212.6	218.3	217.2	213.8	212.6
67.5°	200.3	198.0	195.9	195.9	195.9	196.9	198.0	200.3	199.2	198.0	199.2
70°	185.7	184.6	182.3	182.3	181.1	181.1	181.1	182.3	182.3	183.4	184.6
72.5°	167.7	165.4	165.4	166.5	164.2	165.4	166.5	165.4	167.7	167.7	168.8
75°	147.5	146.3	148.5	150.8	149.6	149.6	150.8	150.8	151.9	151.9	153.1
77.5°	131.7	132.7	133.9	136.2	137.3	137.3	137.3	136.2	137.3	137.3	138.4
80°	117.0	119.3	121.6	123.8	124.9	124.9	124.9	123.8	123.8	123.8	123.8
82.5°	105.8	109.1	111.4	112.5	112.5	112.5	112.5	112.5	112.5	110.3	108.0
85°	88.9	95.6	95.6	96.8	93.4	91.2	88.9	90.1	91.2	86.6	85.5
87.5°	45.0	45.0	47.3	49.5	50.7	50.7	57.4	54.0	52.8	51.8	49.5
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):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4
2.5°	1199.6	1198.4	1200.7	1198.4	1199.6	1200.7	1198.4	1201.9	1204.1	1200.7	1197.3
5°	1224.4	1224.4	1229.9	1232.2	1233.4	1240.1	1236.7	1239.0	1241.2	1240.1	1241.2
7.5°	1240.1	1244.6	1250.3	1255.9	1257.0	1262.6	1261.5	1264.9	1267.2	1272.7	1272.7
10°	1253.6	1259.3	1267.2	1272.7	1278.3	1282.9	1285.1	1291.9	1293.0	1297.5	1297.5
12.5°	1266.0	1272.7	1280.6	1289.6	1295.2	1304.2	1305.4	1315.5	1318.9	1320.0	1316.6
15°	1263.7	1271.6	1280.6	1290.8	1300.8	1312.1	1318.9	1329.0	1334.6	1336.9	1331.3
17.5°	1242.4	1249.1	1260.3	1273.9	1286.2	1300.8	1313.3	1327.9	1336.9	1339.2	1338.0
20°	1200.7	1205.2	1219.9	1237.8	1252.4	1275.0	1293.0	1315.5	1330.2	1341.3	1344.8
22.5°	1118.5	1129.8	1144.5	1164.7	1186.1	1214.2	1240.1	1272.7	1304.2	1331.3	1358.2
25°	1019.6	1039.8	1062.3	1089.3	1115.2	1144.5	1173.7	1210.9	1257.0	1313.3	1377.4
27.5°	919.4	954.3	982.4	1017.3	1047.7	1076.9	1109.5	1150.1	1200.7	1268.2	1350.4
30°	818.1	857.5	887.9	928.4	968.9	1008.3	1040.9	1083.7	1133.2	1201.9	1291.9
32.5°	710.1	749.4	785.5	822.6	867.7	914.9	954.3	1007.2	1060.1	1131.0	1222.1
35°	598.7	633.6	663.9	703.3	752.8	803.5	855.2	916.1	973.4	1047.7	1144.5
37.5°	501.9	526.6	556.0	590.8	629.0	683.1	741.6	813.6	878.9	959.9	1059.0
40°	422.0	435.5	452.3	481.7	516.5	569.4	626.8	703.3	782.1	871.0	966.6
42.5°	360.1	366.8	371.4	390.5	418.7	470.4	525.5	599.8	686.4	783.2	880.0
45°	319.6	323.0	324.0	334.2	354.5	399.5	456.9	519.9	603.2	697.7	799.0
47.5°	300.4	303.8	306.1	308.3	320.7	355.6	407.4	467.0	543.5	630.2	733.7
50°	284.7	288.1	291.5	290.4	296.0	318.4	362.4	417.5	489.5	569.4	671.8
52.5°	268.9	271.2	271.2	271.2	274.6	289.2	320.7	371.4	437.7	513.2	614.4
55°	260.0	262.2	263.3	264.5	265.6	273.5	297.1	337.6	395.0	464.8	556.0
57.5°	251.0	252.0	254.3	255.4	257.7	262.2	276.8	306.1	354.5	413.0	489.5
60°	243.1	245.3	249.8	251.0	253.2	254.3	261.0	279.1	310.6	355.6	417.5
62.5°	230.7	234.1	238.5	239.7	242.0	243.1	244.1	254.3	268.9	296.0	342.1
63°	227.4	230.7	236.3	237.4	238.5	238.5	239.7	246.4	260.0	283.6	317.3
65°	214.9	219.5	222.8	223.9	225.1	225.1	223.9	226.2	227.4	237.4	257.7
67.5°	201.5	204.8	207.0	208.2	207.0	208.2	207.0	204.8	202.6	204.8	213.8
70°	188.0	190.2	190.2	191.3	192.4	193.6	191.3	189.0	186.8	185.7	191.3
72.5°	172.1	174.4	174.4	175.5	175.5	177.8	177.8	176.7	176.7	177.8	179.0
75°	156.4	158.7	157.5	159.8	159.8	163.2	163.2	164.2	166.5	165.4	164.2
77.5°	141.8	142.9	142.9	144.0	145.2	150.8	154.2	155.3	155.3	153.1	150.8
80°	126.0	126.0	123.8	122.7	123.8	129.4	136.2	137.3	140.6	139.6	140.6
82.5°	105.8	101.2	97.9	97.9	100.1	103.5	105.8	108.0	110.3	110.3	112.5
85°	81.0	76.5	73.2	74.3	77.6	78.8	77.6	77.6	82.2	85.5	82.2
87.5°	48.4	43.9	41.7	38.2	39.4	42.8	41.7	38.2	39.4	31.5	29.2
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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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4
2.5°	1199.6	1198.4	1196.2	1192.8	1191.7	1189.4	1190.6	1187.3	1185.0	1182.7	1179.4
5°	1241.2	1241.2	1234.5	1234.5	1231.1	1229.9	1222.1	1218.8	1212.0	1214.2	1206.3
7.5°	1270.5	1273.9	1266.0	1264.9	1260.3	1259.3	1249.1	1245.7	1240.1	1237.8	1231.1
10°	1291.9	1291.9	1281.8	1273.9	1268.2	1262.6	1252.4	1248.0	1243.5	1244.6	1240.1
12.5°	1308.7	1300.8	1286.2	1275.0	1267.2	1261.5	1253.6	1250.3	1249.1	1257.0	1258.1
15°	1322.3	1311.0	1293.0	1285.1	1278.3	1277.2	1277.2	1280.6	1288.5	1303.1	1314.4
17.5°	1330.2	1323.4	1314.4	1312.1	1323.4	1330.2	1339.2	1349.2	1360.5	1380.7	1393.2
20°	1344.8	1349.2	1356.1	1365.0	1383.0	1399.9	1411.2	1425.8	1439.3	1464.0	1484.2
22.5°	1383.0	1408.9	1430.3	1448.3	1475.3	1499.0	1513.6	1533.8	1543.9	1560.8	1592.3
25°	1432.5	1485.4	1530.5	1568.7	1610.4	1635.1	1655.3	1681.2	1697.0	1725.1	1753.3
27.5°	1417.9	1493.3	1560.8	1631.7	1689.1	1753.3	1798.2	1841.0	1868.1	1909.6	1946.8
30°	1372.8	1462.9	1554.1	1647.5	1738.7	1830.9	1916.4	1994.1	2053.7	2113.4	2174.1
32.5°	1312.1	1415.6	1527.0	1641.9	1761.1	1889.4	2007.6	2124.6	2223.6	2310.3	2394.7
35°	1242.4	1359.4	1475.3	1617.1	1764.5	1927.7	2092.0	2254.0	2404.8	2557.8	2661.3
37.5°	1159.1	1278.3	1407.8	1571.0	1744.2	1945.7	2155.0	2366.5	2580.3	2786.3	2965.2
40°	1070.2	1191.7	1327.9	1504.6	1700.3	1934.4	2195.5	2480.2	2773.9	3072.1	3309.5
42.5°	991.4	1116.3	1264.9	1443.8	1656.5	1919.8	2228.2	2578.1	2937.1	3306.2	3655.0
45°	914.9	1052.1	1208.6	1401.0	1637.3	1931.1	2276.5	2669.2	3083.4	3531.3	3956.6
47.5°	846.2	985.8	1137.7	1348.2	1609.2	1936.7	2323.8	2760.4	3221.8	3706.8	4212.1
50°	784.4	919.4	1069.0	1280.6	1565.3	1933.3	2366.5	2842.6	3341.0	3845.2	4409.0
52.5°	723.6	860.8	1013.9	1215.3	1511.3	1914.2	2386.8	2910.1	3451.4	3984.8	4567.7
55°	663.9	799.0	953.2	1153.5	1440.4	1864.7	2384.6	2954.0	3539.2	4116.5	4720.7
57.5°	594.2	722.5	873.3	1084.8	1365.0	1788.2	2350.8	2974.2	3614.5	4246.9	4904.1
60°	507.6	628.0	773.1	984.7	1266.0	1690.3	2279.9	2963.0	3658.4	4343.7	5060.5
62.5°	400.6	505.3	638.0	845.1	1142.2	1549.5	2147.2	2860.5	3588.6	4330.3	5133.7
63°	378.1	477.1	606.5	811.4	1089.3	1511.3	2107.8	2820.1	3554.9	4302.1	5123.6
65°	303.8	368.0	471.5	654.9	911.5	1323.4	1911.9	2611.9	3373.7	4104.0	4977.3
67.5°	233.0	265.6	320.7	449.0	644.8	1040.9	1548.4	2213.5	2928.1	3614.5	4505.8
70°	199.2	213.8	237.4	298.2	409.6	657.2	1087.0	1650.9	2269.7	2865.1	3666.3
72.5°	181.1	188.0	200.3	226.2	281.3	393.9	693.2	1074.7	1543.9	2042.5	2661.3
75°	166.5	172.1	182.3	195.9	216.1	262.2	395.0	657.2	1003.8	1341.3	1796.1
77.5°	151.9	155.3	166.5	179.0	192.4	216.1	261.0	378.1	577.3	791.1	1082.6
80°	139.6	137.3	145.2	165.4	179.0	192.4	205.9	245.3	328.6	433.3	585.2
82.5°	111.4	113.7	120.4	140.6	146.3	142.9	145.2	151.9	183.4	200.3	299.4
85°	75.4	69.7	68.6	70.9	70.9	67.6	67.6	66.4	73.2	83.3	142.9
87.5°	20.2	10.2	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°	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4	0°
2.5°	1177.1	1176.0	1177.1	1171.5	1171.5	1170.4	1169.2	1166.9	1166.9	1162.5	1165.8	2.5°
5°	1199.6	1197.3	1192.8	1186.1	1182.7	1178.2	1178.2	1173.7	1170.4	1165.8	1166.9	5°
7.5°	1225.5	1226.6	1218.8	1213.1	1210.9	1206.3	1207.5	1200.7	1201.9	1198.4	1196.2	7.5°
10°	1240.1	1240.1	1242.4	1241.2	1243.5	1243.5	1246.8	1242.4	1240.1	1236.7	1236.7	10°
12.5°	1263.7	1268.2	1277.2	1277.2	1284.0	1286.2	1287.4	1289.6	1285.1	1282.9	1275.0	12.5°
15°	1322.3	1333.5	1341.3	1352.6	1366.1	1370.7	1370.7	1366.1	1363.9	1360.5	1345.9	15°
17.5°	1419.1	1443.8	1450.6	1468.5	1470.8	1476.4	1492.1	1483.2	1477.5	1453.9	1449.4	17.5°
20°	1518.0	1549.5	1581.0	1603.6	1614.8	1637.3	1640.7	1636.2	1613.7	1591.2	1581.0	20°
22.5°	1637.3	1684.6	1720.6	1755.5	1772.3	1783.6	1808.4	1802.8	1784.8	1751.0	1737.5	22.5°
25°	1806.1	1864.7	1902.9	1945.7	1968.2	1979.5	2004.2	2004.2	1985.1	1974.9	1973.8	25°
27.5°	2018.9	2090.9	2153.9	2168.5	2227.0	2240.5	2264.1	2264.1	2246.1	2233.8	2293.4	27.5°
30°	2255.1	2330.6	2439.7	2512.8	2583.7	2653.5	2652.3	2656.9	2678.2	2689.5	2715.4	30°
32.5°	2491.5	2584.9	2700.7	2859.5	3011.4	3140.7	3308.4	3415.3	3382.7	3291.6	3255.5	32.5°
35°	2778.4	2882.0	3022.6	3182.4	3460.4	3628.1	3709.0	3766.4	3773.2	3785.6	3811.5	35°
37.5°	3098.0	3271.3	3434.5	3615.6	3769.8	3973.5	4161.5	4312.2	4347.2	4418.0	4377.5	37.5°
40°	3502.0	3695.5	3866.6	4100.6	4307.8	4553.1	4822.0	5029.0	5112.3	5085.3	4882.8	40°
42.5°	3925.1	4164.8	4365.1	4640.8	4909.7	5233.9	5511.8	5801.0	5852.7	5644.6	5341.9	42.5°
45°	4314.5	4611.6	4860.3	5147.3	5475.9	5864.0	6235.4	6532.5	6522.4	6165.6	5760.5	45°
47.5°	4664.5	5029.0	5332.8	5706.5	6059.9	6522.4	6948.8	7168.3	7038.9	6616.9	6120.6	47.5°
50°	4953.7	5408.3	5783.0	6161.1	6610.2	7167.2	7577.9	7701.7	7451.9	6992.7	6470.6	50°
52.5°	5186.6	5757.1	6178.0	6613.5	7180.7	7766.9	8120.3	8074.2	7751.2	7279.7	6759.8	52.5°
55°	5383.5	6023.8	6525.7	7040.0	7743.3	8283.5	8518.7	8394.9	7943.6	7465.4	6957.8	55°
57.5°	5587.3	6282.7	6845.3	7441.8	8225.0	8688.6	8819.2	8564.9	8034.8	7536.3	7043.4	57.5°
60°	5790.9	6498.8	7127.8	7792.8	8589.5	9019.5	8983.4	8603.1	8007.8	7484.6	6986.0	60°
62.5°	5928.2	6627.0	7292.1	8008.9	8863.0	9188.3	8967.7	8466.9	7851.4	7280.8	6814.9	62.5°
63°	5931.6	6631.5	7302.2	8023.5	8893.4	9193.9	8937.3	8418.5	7801.9	7239.2	6764.4	63°
65°	5860.6	6547.2	7212.2	7957.1	8867.6	9064.5	8675.1	8132.7	7519.4	6951.1	6500.9	65°
67.5°	5498.3	6198.2	6785.7	7487.9	8403.9	8460.2	7972.8	7535.1	6983.7	6395.2	5924.8	67.5°
70°	4768.0	5349.7	5925.9	6512.2	7280.8	7270.7	6812.7	6589.8	6107.2	5436.5	5059.5	70°
72.5°	3792.3	4314.5	4719.6	5112.3	5618.8	5516.4	5221.5	5283.4	4970.6	4469.7	4245.8	72.5°
75°	2815.5	3389.4	3587.6	3747.4	3961.1	3962.3	4043.3	4218.9	4214.3	3936.4	3653.9	75°
77.5°	1846.6	2474.6	2540.9	2669.2	2925.8	3274.7	3634.8	4021.9	4118.7	3899.3	3481.8	77.5°
80°	1029.6	1682.4	1605.8	1716.2	1993.0	2466.7	2997.8	3425.5	3677.5	3554.9	3112.6	80°
82.5°	526.6	970.1	927.3	1080.3	1304.2	1716.2	2067.3	2395.9	2692.8	2676.1	2508.3	82.5°
85°	273.5	531.2	604.2	684.1	796.7	944.1	1076.9	1172.5	1296.4	1514.7	1588.9	85°
87.5°	0.0	0.0	0.0	0.0	0.0	1.1	0.0	81.0	58.5	160.9	229.5	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°
1180.4	1180.4	1180.4	1180.4	1180.4	1180.4	1180.4
1166.9	1168.1	1165.8	1165.8	1166.9	1166.9	1164.7
1164.7	1164.7	1162.5	1160.2	1157.9	1157.9	1155.8
1190.6	1190.6	1182.7	1179.4	1173.7	1169.2	1166.9
1228.8	1222.1	1213.1	1206.3	1197.3	1187.3	1181.6
1267.2	1257.0	1245.7	1235.6	1224.4	1213.1	1207.5
1330.2	1316.6	1302.0	1289.6	1273.9	1257.0	1250.3
1426.9	1405.5	1386.4	1368.4	1340.2	1327.9	1314.4
1555.2	1523.7	1499.0	1468.5	1433.7	1422.4	1405.5
1710.5	1683.5	1634.0	1611.5	1576.6	1559.7	1563.1
1946.8	1911.9	1854.5	1833.2	1829.7	1792.6	1774.6
2255.1	2257.4	2204.5	2147.2	2115.6	2057.1	1982.8
2694.0	2663.6	2601.8	2543.2	2468.9	2358.7	2234.9
3225.2	3157.6	3055.2	2946.1	2814.4	2644.5	2471.2
3743.9	3625.8	3462.6	3280.3	3090.2	2878.5	2633.3
4199.7	4016.3	3772.1	3562.8	3293.8	3029.3	2730.1
4616.1	4388.7	4073.7	3802.5	3485.1	3145.3	2790.8
5019.0	4730.9	4344.9	3978.0	3619.1	3222.9	2820.1
5402.7	5031.3	4573.3	4136.7	3716.9	3273.6	2824.6
5697.5	5292.4	4778.1	4251.5	3784.5	3311.8	2824.6
5971.0	5513.0	4934.5	4341.5	3847.5	3337.7	2826.8
6183.6	5668.3	5035.9	4405.6	3897.0	3356.8	2836.9
6337.8	5769.5	5103.3	4445.0	3933.0	3383.8	2859.5
6445.8	5836.0	5140.5	4479.9	3976.9	3431.1	2922.5
6497.6	5958.5	5202.4	4549.6	4052.3	3531.3	3048.5
6458.2	6148.7	5379.1	4667.9	4156.9	3687.7	3249.9
6441.3	6183.6	5427.5	4693.7	4180.5	3721.5	3319.7
6309.6	6218.5	5626.6	4824.2	4293.1	3871.1	3514.4
5901.1	6081.2	5794.3	5044.8	4535.0	4234.6	3877.8
5372.3	5877.5	5763.9	5073.0	4689.2	4532.7	4107.5
4738.8	5262.0	5156.3	4698.2	4519.3	4536.2	4047.8
3729.3	4122.1	4052.3	3891.4	3927.4	4051.2	3467.2
2987.8	2934.8	2773.9	2785.2	2993.4	3138.5	2496.0
2440.8	1976.1	1766.7	1772.3	2135.9	2286.6	1590.1
2322.7	1869.1	1522.6	1330.2	1554.1	1496.7	830.5
1654.2	1657.6	1375.1	1117.4	1082.6	920.5	517.6
391.6	314.0	223.9	166.5	175.5	116.0	58.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)