

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: P181147

Luminaire Tested: **ICS-E04-LED-E1-SLR-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181147
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-E04-LED-E1-SLR-7030
Description: ICON SITE SMALL LED LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (84) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9149.4 lumens
Efficiency: N/A
Efficacy: 94.1 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.67' x L: 1' x H: 0.1')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - 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: 25 FT



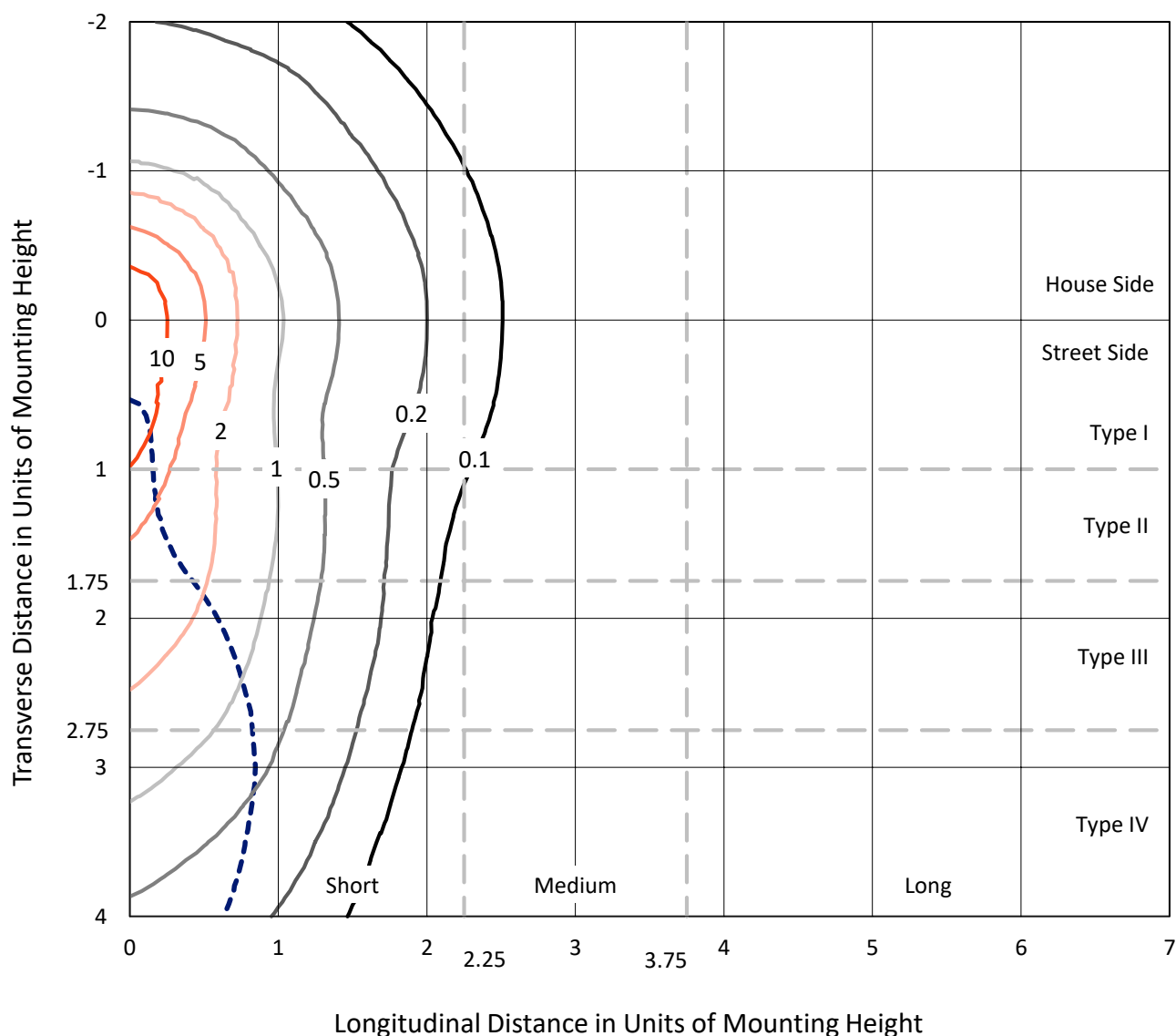
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

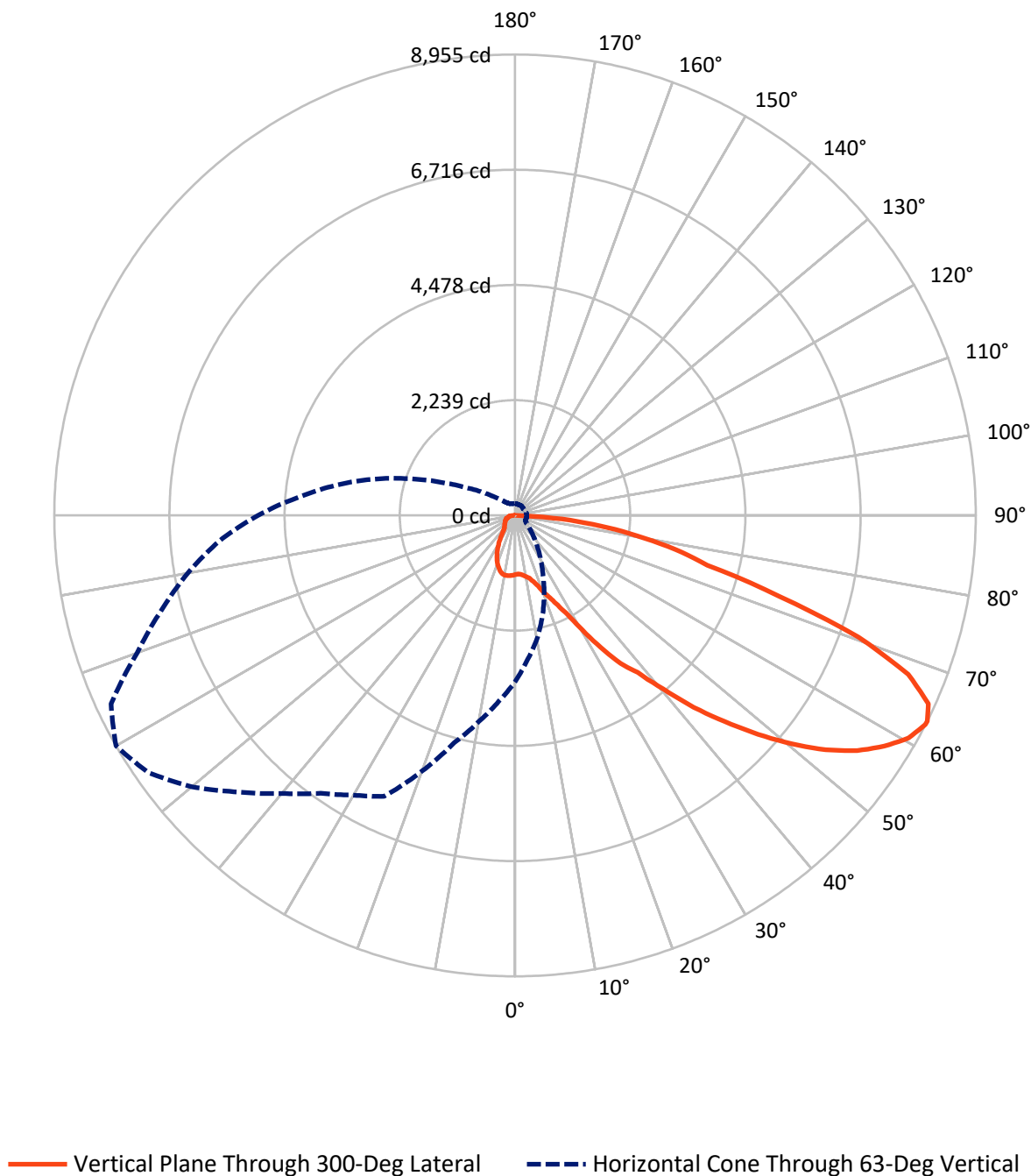


Based on 10 foot mounting height. Maximum calculated value = 14.4 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1984.0	0.0	1984.0
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	7165.4	0.0	7165.4
	% Fixture	78.3	0.0	78.3
Total	Lumens	9149.4	0.0	9149.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.9	1.2
10°-20°	348.6	3.8
20°-30°	619.3	6.8
30°-40°	975.2	10.7
40°-50°	1435.2	15.7
50°-60°	1906.4	20.8
60°-70°	2099.9	23.0
70°-80°	1317.4	14.4
80°-90°	335.5	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°	9149.4	100.0
0°-180°	9149.4	100.0

Coefficient of Utilization



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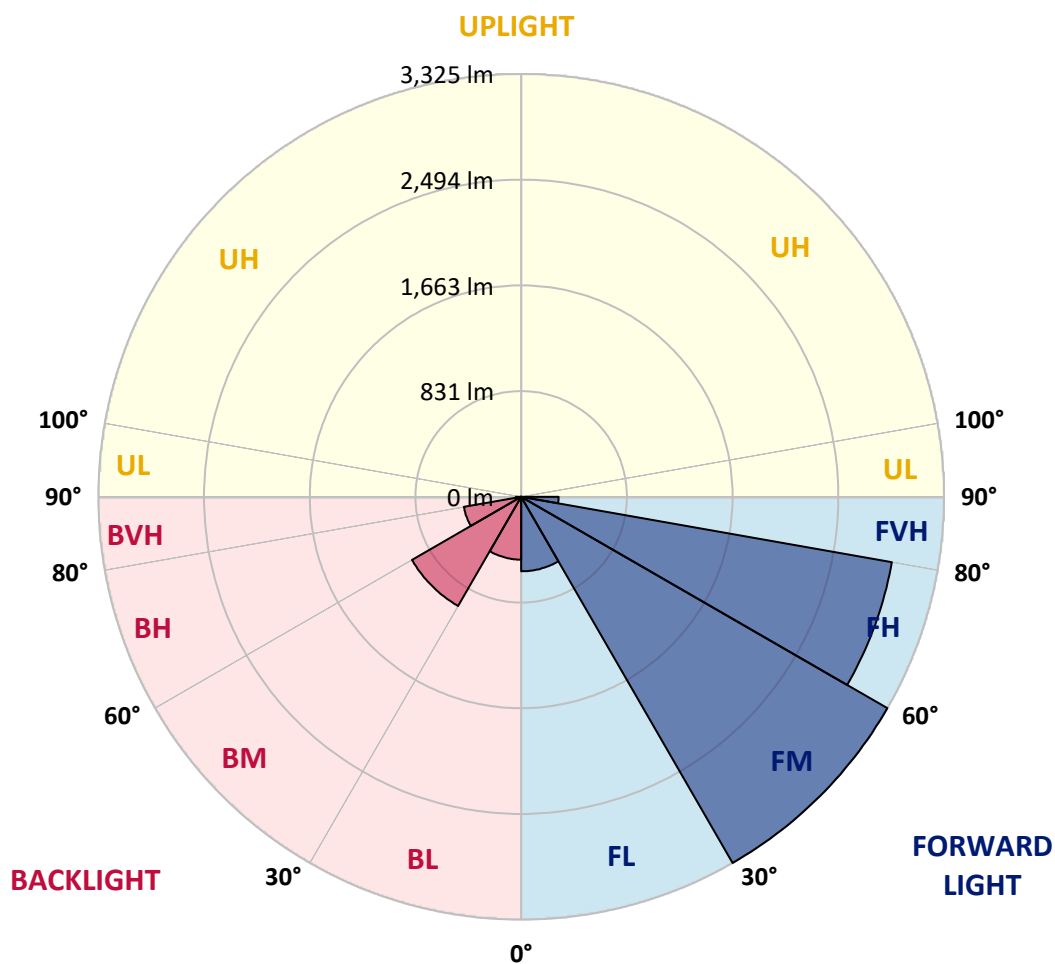
CATALOG NUMBER: ICS-E04-LED-E1-SLR-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	585.8	6.4			
FM	(30°-60°)	3325.1	36.3			
FH	(60°-80°)	2960.0	32.4			G2/5000
FVH	(80°-90°)	294.5	3.2			G3/500
BL	(0°-30°)	493.9	5.4	B1/500		
BM	(30°-60°)	991.6	10.8	B1/1000		
BH	(60°-80°)	457.3	5.0	B1/500		G1/500
BVH	(80°-90°)	41.1	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-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8
2.5°	1134.4	1137.7	1136.6	1136.6	1138.8	1137.7	1137.7	1138.8	1138.8	1142.1	1146.5
5°	1125.7	1124.6	1122.4	1124.6	1124.6	1124.6	1120.2	1123.5	1124.6	1126.8	1126.8
7.5°	1136.6	1133.3	1129.0	1130.1	1130.1	1127.9	1124.6	1125.7	1124.6	1124.6	1123.5
10°	1150.9	1143.2	1137.7	1137.7	1137.7	1135.5	1130.1	1133.3	1133.3	1132.3	1133.3
12.5°	1176.1	1167.3	1160.7	1158.6	1158.6	1155.3	1150.9	1155.3	1153.1	1153.1	1150.9
15°	1217.7	1207.9	1200.2	1193.6	1194.7	1194.7	1189.2	1186.0	1181.6	1176.1	1165.1
17.5°	1280.2	1269.3	1259.4	1253.9	1255.0	1247.3	1232.0	1216.6	1195.8	1175.0	1152.0
20°	1369.0	1365.7	1352.6	1347.1	1333.9	1315.3	1272.5	1236.4	1195.8	1156.4	1116.9
22.5°	1522.5	1507.1	1494.0	1473.1	1429.3	1377.8	1306.5	1243.0	1179.4	1123.5	1070.9
25°	1728.5	1701.1	1636.4	1572.9	1483.0	1390.9	1294.5	1212.3	1133.3	1059.9	995.2
27.5°	1931.3	1848.0	1732.9	1617.8	1486.3	1365.7	1245.1	1147.6	1055.5	975.5	904.3
30°	2176.8	2036.5	1860.0	1678.1	1491.8	1329.5	1184.9	1070.9	964.6	880.2	805.6
32.5°	2407.0	2204.2	1972.9	1734.0	1503.8	1295.6	1115.8	986.5	876.9	770.5	697.1
35°	2564.8	2301.8	2021.2	1739.5	1474.2	1230.9	1029.2	876.9	767.3	668.6	582.0
37.5°	2659.1	2344.5	2023.4	1700.0	1405.2	1143.2	919.6	768.4	667.5	573.2	505.3
40°	2718.3	2354.4	1994.9	1643.0	1317.5	1032.5	810.0	674.1	582.0	506.4	453.8
42.5°	2746.8	2339.0	1948.8	1570.7	1228.7	933.9	733.3	605.0	525.0	471.3	431.9
45°	2751.2	2311.6	1899.5	1504.9	1149.8	862.6	680.7	576.5	510.8	465.8	426.4
47.5°	2751.2	2287.5	1860.0	1456.7	1098.3	831.9	676.3	588.6	523.9	473.5	426.4
50°	2753.4	2279.8	1843.6	1432.6	1080.7	848.4	713.5	625.9	552.4	486.7	425.3
52.5°	2763.2	2289.7	1856.8	1451.2	1112.5	914.1	783.7	681.8	589.7	502.0	425.3
55°	2785.1	2322.6	1912.7	1515.9	1198.0	1013.9	868.1	742.0	619.3	508.6	418.7
57.5°	2846.5	2405.9	2014.6	1640.8	1343.8	1129.0	944.8	784.8	630.2	503.1	405.5
60°	2969.3	2571.4	2188.9	1816.2	1498.3	1227.6	989.8	791.4	620.4	485.6	384.7
62.5°	3165.5	2761.0	2400.4	2006.9	1635.4	1282.4	995.2	774.9	594.1	453.8	354.0
63°	3233.4	2808.2	2445.4	2043.1	1652.9	1286.8	990.9	768.4	587.5	445.0	349.6
65°	3423.1	3006.5	2601.0	2170.2	1702.2	1287.9	966.7	735.5	556.8	411.0	319.0
67.5°	3777.1	3267.4	2797.2	2270.0	1719.7	1252.8	905.4	674.1	492.1	358.4	280.6
70°	4000.7	3413.2	2872.8	2272.2	1668.2	1153.1	799.0	574.3	409.9	297.0	241.1
72.5°	3942.6	3269.6	2673.3	2067.2	1445.7	963.5	642.3	451.6	320.1	237.8	200.6
75°	3377.0	2721.6	2181.2	1601.4	1092.8	708.1	470.2	322.2	236.8	186.3	167.7
77.5°	2431.1	1958.7	1564.1	1141.0	736.6	458.2	312.4	230.2	179.8	153.5	138.1
80°	1548.8	1148.7	956.9	686.1	430.8	283.9	214.8	174.3	148.0	128.2	118.4
82.5°	808.9	566.7	460.4	350.7	238.9	187.4	157.8	142.5	121.7	106.3	100.8
85°	504.2	334.3	247.7	173.2	119.5	107.4	98.6	96.5	86.6	76.7	73.4
87.5°	57.0	51.5	53.7	34.0	25.2	27.4	26.3	35.1	34.0	25.2	26.3
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8
2.5°	1142.1	1144.3	1144.3	1147.6	1147.6	1149.8	1152.0	1152.0	1154.2	1155.3	1157.5
5°	1129.0	1129.0	1129.0	1133.3	1134.4	1141.0	1143.2	1145.4	1147.6	1155.3	1159.7
7.5°	1125.7	1121.3	1123.5	1123.5	1126.8	1132.3	1137.7	1141.0	1144.3	1154.2	1160.7
10°	1132.3	1129.0	1125.7	1125.7	1126.8	1129.0	1133.3	1136.6	1138.8	1148.7	1154.2
12.5°	1149.8	1142.1	1135.5	1130.1	1125.7	1124.6	1122.4	1123.5	1125.7	1131.2	1138.8
15°	1153.1	1138.8	1124.6	1110.3	1099.4	1092.8	1087.3	1085.1	1085.1	1088.4	1097.2
17.5°	1131.2	1107.0	1086.2	1067.6	1055.5	1043.5	1038.0	1033.6	1031.4	1035.8	1036.9
20°	1084.0	1055.5	1027.0	1005.1	983.2	979.9	971.1	973.3	975.5	982.1	985.4
22.5°	1019.4	985.4	950.3	927.3	909.7	894.4	884.5	888.9	892.2	898.8	902.1
25°	940.4	891.1	853.8	830.8	812.2	799.0	788.1	792.5	788.1	795.8	807.8
27.5°	847.3	789.2	749.7	723.4	710.3	699.3	688.3	688.3	699.3	699.3	709.2
30°	734.4	691.6	640.1	612.7	596.3	589.7	588.6	586.4	594.1	598.5	609.4
32.5°	628.1	575.4	526.1	499.8	485.6	477.9	479.0	480.1	483.4	489.9	507.5
35°	520.6	474.6	439.5	409.9	395.7	381.4	381.4	379.2	382.5	390.2	411.0
37.5°	451.6	411.0	383.6	360.6	346.4	337.6	329.9	326.6	326.6	329.9	337.6
40°	413.2	383.6	358.4	338.7	325.5	317.9	313.5	310.2	308.0	308.0	309.1
42.5°	395.7	365.0	339.8	322.2	312.4	308.0	306.9	305.8	302.5	301.4	300.3
45°	386.9	351.8	323.3	309.1	301.4	299.2	300.3	300.3	299.2	297.0	292.7
47.5°	380.3	339.8	311.3	298.1	294.8	294.8	294.8	294.8	293.7	292.7	289.4
50°	369.4	321.2	290.5	280.6	278.4	278.4	279.5	279.5	281.7	279.5	277.3
52.5°	357.3	303.6	272.9	264.2	263.1	262.0	262.0	262.0	263.1	263.1	262.0
55°	344.2	290.5	264.2	257.6	258.7	257.6	256.5	255.4	255.4	254.3	252.1
57.5°	331.0	279.5	257.6	253.2	254.3	254.3	252.1	249.9	248.8	245.5	243.3
60°	311.3	264.2	244.4	242.2	245.5	245.5	245.5	244.4	244.4	243.3	237.8
62.5°	285.0	242.2	226.9	228.0	229.1	231.3	231.3	231.3	231.3	229.1	223.6
63°	279.5	237.8	223.6	223.6	226.9	226.9	228.0	226.9	228.0	225.8	219.2
65°	257.6	223.6	212.6	213.7	215.9	215.9	215.9	214.8	214.8	211.5	208.3
67.5°	232.4	206.1	199.5	200.6	201.7	203.9	202.8	202.8	203.9	201.7	198.4
70°	203.9	187.4	183.0	184.1	185.2	185.2	184.1	184.1	185.2	183.0	179.8
72.5°	181.9	175.4	172.1	172.1	169.9	169.9	167.7	166.6	165.5	165.5	162.2
75°	153.5	152.4	153.5	155.6	153.5	151.3	150.2	146.9	144.7	144.7	143.6
77.5°	131.5	131.5	133.7	137.0	138.1	138.1	134.8	129.3	128.2	128.2	128.2
80°	114.0	111.8	111.8	115.1	118.4	117.3	111.8	106.3	106.3	111.8	112.9
82.5°	99.7	99.7	96.5	97.6	96.5	95.4	89.9	86.6	85.5	89.9	94.3
85°	78.9	80.0	78.9	77.8	76.7	73.4	69.1	65.8	64.7	69.1	75.6
87.5°	31.8	30.7	29.6	30.7	29.6	31.8	30.7	28.5	27.4	30.7	37.3
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8
2.5°	1158.6	1160.7	1162.9	1162.9	1165.1	1164.0	1165.1	1166.2	1166.2	1167.3	1167.3
5°	1165.1	1168.4	1172.8	1177.2	1178.3	1181.6	1184.9	1182.7	1186.0	1190.3	1190.3
7.5°	1167.3	1175.0	1178.3	1184.9	1186.0	1190.3	1198.0	1192.5	1199.1	1202.4	1203.5
10°	1164.0	1171.7	1177.2	1184.9	1188.2	1195.8	1203.5	1201.3	1209.0	1214.5	1215.6
12.5°	1144.3	1152.0	1164.0	1175.0	1183.8	1195.8	1210.1	1205.7	1216.6	1223.2	1226.5
15°	1105.9	1113.6	1126.8	1144.3	1160.7	1179.4	1198.0	1201.3	1212.3	1219.9	1223.2
17.5°	1045.7	1055.5	1069.8	1088.4	1109.2	1141.0	1165.1	1177.2	1192.5	1196.9	1202.4
20°	989.8	999.6	1008.4	1019.4	1034.7	1065.4	1097.2	1121.3	1141.0	1157.5	1161.8
22.5°	915.2	924.0	935.0	943.7	954.7	976.6	1002.9	1030.3	1061.0	1070.9	1081.8
25°	825.3	830.8	846.2	851.7	859.3	878.0	898.8	918.5	948.1	968.9	974.4
27.5°	728.9	734.4	748.6	751.9	761.8	779.3	794.7	802.3	829.7	851.7	869.2
30°	617.1	631.3	648.9	651.1	662.0	673.0	687.2	694.9	720.1	743.1	765.1
32.5°	520.6	534.9	549.1	557.9	563.4	572.2	586.4	594.1	618.2	639.0	660.9
35°	422.0	439.5	454.9	466.9	471.3	482.3	493.2	500.9	526.1	544.8	560.1
37.5°	347.5	360.6	377.1	389.1	401.2	408.8	422.0	433.0	448.3	458.2	474.6
40°	311.3	317.9	326.6	336.5	346.4	355.1	365.0	373.8	383.6	396.8	407.7
42.5°	299.2	300.3	300.3	303.6	309.1	313.5	322.2	328.8	335.4	345.3	350.7
45°	290.5	289.4	287.2	285.0	286.1	288.3	293.7	298.1	305.8	310.2	311.3
47.5°	286.1	281.7	277.3	274.0	272.9	274.0	278.4	282.8	287.2	290.5	291.6
50°	271.8	268.5	262.0	257.6	255.4	257.6	263.1	265.3	269.6	272.9	274.0
52.5°	257.6	253.2	248.8	244.4	244.4	245.5	249.9	254.3	258.7	259.8	262.0
55°	248.8	242.2	237.8	234.6	232.4	235.7	238.9	244.4	249.9	251.0	253.2
57.5°	240.0	233.5	229.1	225.8	223.6	226.9	230.2	237.8	244.4	244.4	244.4
60°	234.6	229.1	222.5	219.2	215.9	219.2	223.6	231.3	237.8	236.8	235.7
62.5°	219.2	213.7	210.4	210.4	207.2	212.6	217.0	225.8	226.9	224.7	222.5
63°	214.8	210.4	208.3	208.3	206.1	211.5	215.9	223.6	223.6	221.4	219.2
65°	203.9	200.6	198.4	200.6	200.6	206.1	207.2	212.6	211.5	208.3	207.2
67.5°	195.1	192.9	190.7	190.7	190.7	191.8	192.9	195.1	194.0	192.9	194.0
70°	180.9	179.8	177.6	177.6	176.5	176.5	176.5	177.6	177.6	178.7	179.8
72.5°	163.3	161.1	161.1	162.2	160.0	161.1	162.2	161.1	163.3	163.3	164.4
75°	143.6	142.5	144.7	146.9	145.8	145.8	146.9	146.9	148.0	148.0	149.1
77.5°	128.2	129.3	130.4	132.6	133.7	133.7	133.7	132.6	133.7	133.7	134.8
80°	114.0	116.2	118.4	120.6	121.7	121.7	121.7	120.6	120.6	120.6	120.6
82.5°	103.0	106.3	108.5	109.6	109.6	109.6	109.6	109.6	109.6	107.4	105.2
85°	86.6	93.2	93.2	94.3	91.0	88.8	86.6	87.7	88.8	84.4	83.3
87.5°	43.8	43.8	46.0	48.2	49.3	49.3	55.9	52.6	51.5	50.4	48.2
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):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8
2.5°	1168.4	1167.3	1169.5	1167.3	1168.4	1169.5	1167.3	1170.6	1172.8	1169.5	1166.2
5°	1192.5	1192.5	1198.0	1200.2	1201.3	1207.9	1204.6	1206.8	1209.0	1207.9	1209.0
7.5°	1207.9	1212.3	1217.7	1223.2	1224.3	1229.8	1228.7	1232.0	1234.2	1239.7	1239.7
10°	1221.0	1226.5	1234.2	1239.7	1245.1	1249.5	1251.7	1258.3	1259.4	1263.8	1263.8
12.5°	1233.1	1239.7	1247.3	1256.1	1261.6	1270.4	1271.5	1281.3	1284.6	1285.7	1282.4
15°	1230.9	1238.6	1247.3	1257.2	1267.1	1278.0	1284.6	1294.5	1300.0	1302.1	1296.7
17.5°	1210.1	1216.6	1227.6	1240.8	1252.8	1267.1	1279.1	1293.4	1302.1	1304.3	1303.2
20°	1169.5	1173.9	1188.2	1205.7	1219.9	1241.9	1259.4	1281.3	1295.6	1306.5	1309.8
22.5°	1089.5	1100.5	1114.7	1134.4	1155.3	1182.7	1207.9	1239.7	1270.4	1296.7	1323.0
25°	993.0	1012.8	1034.7	1061.0	1086.2	1114.7	1143.2	1179.4	1224.3	1279.1	1341.6
27.5°	895.5	929.5	956.9	990.9	1020.5	1048.9	1080.7	1120.2	1169.5	1235.3	1315.3
30°	796.9	835.2	864.8	904.3	943.7	982.1	1013.9	1055.5	1103.8	1170.6	1258.3
32.5°	691.6	730.0	765.1	801.2	845.1	891.1	929.5	981.0	1032.5	1101.6	1190.3
35°	583.1	617.1	646.7	685.1	733.3	782.6	833.0	892.2	948.1	1020.5	1114.7
37.5°	488.9	513.0	541.5	575.4	612.7	665.3	722.3	792.5	856.0	935.0	1031.4
40°	411.0	424.2	440.6	469.1	503.1	554.6	610.5	685.1	761.8	848.4	941.5
42.5°	350.7	357.3	361.7	380.3	407.7	458.2	511.9	584.2	668.6	762.9	857.1
45°	311.3	314.6	315.7	325.5	345.3	389.1	445.0	506.4	587.5	679.6	778.2
47.5°	292.7	295.9	298.1	300.3	312.4	346.4	396.8	454.9	529.4	613.8	714.6
50°	277.3	280.6	283.9	282.8	288.3	310.2	352.9	406.6	476.8	554.6	654.4
52.5°	262.0	264.2	264.2	264.2	267.4	281.7	312.4	361.7	426.4	499.8	598.5
55°	253.2	255.4	256.5	257.6	258.7	266.3	289.4	328.8	384.7	452.7	541.5
57.5°	244.4	245.5	247.7	248.8	251.0	255.4	269.6	298.1	345.3	402.3	476.8
60°	236.8	238.9	243.3	244.4	246.6	247.7	254.3	271.8	302.5	346.4	406.6
62.5°	224.7	228.0	232.4	233.5	235.7	236.8	237.8	247.7	262.0	288.3	333.2
63°	221.4	224.7	230.2	231.3	232.4	232.4	233.5	240.0	253.2	276.2	309.1
65°	209.4	213.7	217.0	218.1	219.2	219.2	218.1	220.3	221.4	231.3	251.0
67.5°	196.2	199.5	201.7	202.8	201.7	202.8	201.7	199.5	197.3	199.5	208.3
70°	183.0	185.2	185.2	186.3	187.4	188.5	186.3	184.1	181.9	180.9	186.3
72.5°	167.7	169.9	169.9	171.0	171.0	173.2	173.2	172.1	172.1	173.2	174.3
75°	152.4	154.5	153.5	155.6	155.6	158.9	158.9	160.0	162.2	161.1	160.0
77.5°	138.1	139.2	139.2	140.3	141.4	146.9	150.2	151.3	151.3	149.1	146.9
80°	122.8	122.8	120.6	119.5	120.6	126.0	132.6	133.7	137.0	135.9	137.0
82.5°	103.0	98.6	95.4	95.4	97.6	100.8	103.0	105.2	107.4	107.4	109.6
85°	78.9	74.5	71.2	72.3	75.6	76.7	75.6	75.6	80.0	83.3	80.0
87.5°	47.1	42.7	40.6	37.3	38.4	41.7	40.6	37.3	38.4	30.7	28.5
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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8
2.5°	1168.4	1167.3	1165.1	1161.8	1160.7	1158.6	1159.7	1156.4	1154.2	1152.0	1148.7
5°	1209.0	1209.0	1202.4	1202.4	1199.1	1198.0	1190.3	1187.1	1180.5	1182.7	1175.0
7.5°	1237.5	1240.8	1233.1	1232.0	1227.6	1226.5	1216.6	1213.4	1207.9	1205.7	1199.1
10°	1258.3	1258.3	1248.4	1240.8	1235.3	1229.8	1219.9	1215.6	1211.2	1212.3	1207.9
12.5°	1274.7	1267.1	1252.8	1241.9	1234.2	1228.7	1221.0	1217.7	1216.6	1224.3	1225.4
15°	1287.9	1276.9	1259.4	1251.7	1245.1	1244.1	1244.1	1247.3	1255.0	1269.3	1280.2
17.5°	1295.6	1289.0	1280.2	1278.0	1289.0	1295.6	1304.3	1314.2	1325.2	1344.9	1356.9
20°	1309.8	1314.2	1320.8	1329.5	1347.1	1363.5	1374.5	1388.7	1401.9	1426.0	1445.7
22.5°	1347.1	1372.3	1393.1	1410.7	1437.0	1460.0	1474.2	1494.0	1503.8	1520.3	1551.0
25°	1395.3	1446.8	1490.7	1527.9	1568.5	1592.6	1612.3	1637.5	1652.9	1680.3	1707.7
27.5°	1381.1	1454.5	1520.3	1589.3	1645.2	1707.7	1751.5	1793.2	1819.5	1860.0	1896.2
30°	1337.2	1424.9	1513.7	1604.7	1693.4	1783.3	1866.6	1942.3	2000.3	2058.4	2117.6
32.5°	1278.0	1378.9	1487.4	1599.2	1715.4	1840.3	1955.4	2069.4	2165.9	2250.3	2332.5
35°	1210.1	1324.1	1437.0	1575.1	1718.7	1877.6	2037.6	2195.4	2342.3	2491.4	2592.2
37.5°	1129.0	1245.1	1371.2	1530.1	1698.9	1895.1	2099.0	2305.1	2513.3	2713.9	2888.2
40°	1042.4	1160.7	1293.4	1465.5	1656.2	1884.2	2138.5	2415.8	2701.8	2992.3	3223.6
42.5°	965.6	1087.3	1232.0	1406.3	1613.4	1869.9	2170.2	2511.1	2860.8	3220.3	3560.1
45°	891.1	1024.8	1177.2	1364.6	1594.8	1880.9	2217.4	2599.9	3003.3	3439.5	3853.8
47.5°	824.3	960.2	1108.1	1313.1	1567.4	1886.4	2263.4	2688.7	3138.1	3610.5	4102.6
50°	764.0	895.5	1041.3	1247.3	1524.6	1883.1	2305.1	2768.7	3254.3	3745.3	4294.4
52.5°	704.8	838.5	987.6	1183.8	1472.0	1864.4	2324.8	2834.5	3361.7	3881.2	4449.0
55°	646.7	778.2	928.4	1123.5	1403.0	1816.2	2322.6	2877.2	3447.2	4009.5	4598.1
57.5°	578.7	703.7	850.6	1056.6	1329.5	1741.7	2289.7	2896.9	3520.6	4136.6	4776.7
60°	494.3	611.6	753.0	959.1	1233.1	1646.3	2220.7	2886.0	3563.4	4230.9	4929.1
62.5°	390.2	492.1	621.5	823.2	1112.5	1509.3	2091.3	2786.2	3495.4	4217.7	5000.3
63°	368.3	464.7	590.8	790.3	1061.0	1472.0	2053.0	2746.8	3462.5	4190.3	4990.5
65°	295.9	358.4	459.3	637.9	887.8	1289.0	1862.2	2544.0	3286.0	3997.4	4848.0
67.5°	226.9	258.7	312.4	437.3	628.1	1013.9	1508.2	2156.0	2852.0	3520.6	4388.7
70°	194.0	208.3	231.3	290.5	399.0	640.1	1058.8	1607.9	2210.8	2790.6	3571.0
72.5°	176.5	183.0	195.1	220.3	274.0	383.6	675.2	1046.8	1503.8	1989.4	2592.2
75°	162.2	167.7	177.6	190.7	210.4	255.4	384.7	640.1	977.7	1306.5	1749.3
77.5°	148.0	151.3	162.2	174.3	187.4	210.4	254.3	368.3	562.3	770.5	1054.4
80°	135.9	133.7	141.4	161.1	174.3	187.4	200.6	238.9	320.1	422.0	570.0
82.5°	108.5	110.7	117.3	137.0	142.5	139.2	141.4	148.0	178.7	195.1	291.6
85°	73.4	68.0	66.9	69.1	69.1	65.8	65.8	64.7	71.2	81.1	139.2
87.5°	19.7	9.9	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°	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	0°
2.5°	1146.5	1145.4	1146.5	1141.0	1141.0	1139.9	1138.8	1136.6	1136.6	1132.3	1135.5	2.5°
5°	1168.4	1166.2	1161.8	1155.3	1152.0	1147.6	1147.6	1143.2	1139.9	1135.5	1136.6	5°
7.5°	1193.6	1194.7	1187.1	1181.6	1179.4	1175.0	1176.1	1169.5	1170.6	1167.3	1165.1	7.5°
10°	1207.9	1207.9	1210.1	1209.0	1211.2	1211.2	1214.5	1210.1	1207.9	1204.6	1204.6	10°
12.5°	1230.9	1235.3	1244.1	1244.1	1250.6	1252.8	1253.9	1256.1	1251.7	1249.5	1241.9	12.5°
15°	1287.9	1298.9	1306.5	1317.5	1330.6	1335.0	1335.0	1330.6	1328.4	1325.2	1310.9	15°
17.5°	1382.2	1406.3	1412.8	1430.4	1432.6	1438.1	1453.4	1444.6	1439.2	1416.1	1411.8	17.5°
20°	1478.6	1509.3	1540.0	1561.9	1572.9	1594.8	1598.1	1593.7	1571.8	1549.9	1540.0	20°
22.5°	1594.8	1640.8	1675.9	1709.9	1726.3	1737.3	1761.4	1755.9	1738.4	1705.5	1692.3	22.5°
25°	1759.2	1816.2	1853.5	1895.1	1917.0	1928.0	1952.1	1952.1	1933.5	1923.6	1922.5	25°
27.5°	1966.4	2036.5	2097.9	2112.1	2169.1	2182.3	2205.3	2205.3	2187.8	2175.7	2233.8	27.5°
30°	2196.5	2270.0	2376.3	2447.5	2516.6	2584.6	2583.5	2587.8	2608.7	2619.6	2644.8	30°
32.5°	2426.7	2517.7	2630.6	2785.1	2933.1	3059.2	3222.5	3326.6	3294.8	3206.0	3171.0	32.5°
35°	2706.2	2807.1	2944.1	3099.7	3370.4	3533.8	3612.7	3668.6	3675.2	3687.2	3712.4	35°
37.5°	3017.5	3186.3	3345.2	3521.7	3671.9	3870.3	4053.3	4200.2	4234.2	4303.2	4263.8	37.5°
40°	3411.0	3599.5	3766.1	3994.1	4195.8	4434.7	4696.7	4898.4	4979.5	4953.2	4755.9	40°
42.5°	3823.1	4056.6	4251.7	4520.2	4782.2	5097.9	5368.6	5650.3	5700.7	5497.9	5203.1	42.5°
45°	4202.4	4491.7	4734.0	5013.5	5333.5	5711.7	6073.4	6362.7	6352.9	6005.4	5610.8	45°
47.5°	4543.3	4898.4	5194.3	5558.2	5902.4	6352.9	6768.3	6982.0	6856.0	6445.0	5961.6	47.5°
50°	4824.9	5267.8	5632.8	6001.0	6438.4	6980.9	7381.0	7501.6	7258.2	6811.0	6302.5	50°
52.5°	5051.8	5607.5	6017.5	6441.7	6994.1	7565.1	7909.3	7864.4	7549.8	7090.5	6584.2	52.5°
55°	5243.6	5867.3	6356.2	6857.1	7542.1	8068.2	8297.3	8176.8	7737.2	7271.4	6777.1	55°
57.5°	5442.0	6119.4	6667.5	7248.4	8011.2	8462.8	8590.0	8342.3	7826.0	7340.4	6860.4	57.5°
60°	5640.4	6329.9	6942.6	7590.4	8366.4	8785.1	8750.0	8379.5	7799.7	7290.0	6804.5	60°
62.5°	5774.1	6454.8	7102.6	7800.8	8632.7	8949.5	8734.7	8246.9	7647.4	7091.6	6637.9	62.5°
63°	5777.4	6459.2	7112.5	7815.1	8662.3	8955.0	8705.1	8199.8	7599.1	7051.1	6588.5	63°
65°	5708.4	6377.0	7024.8	7750.4	8637.1	8828.9	8449.7	7921.4	7324.0	6770.5	6332.1	65°
67.5°	5355.4	6037.2	6609.4	7293.3	8185.5	8240.3	7765.7	7339.4	6802.3	6229.0	5770.9	67.5°
70°	4644.1	5210.8	5772.0	6343.0	7091.6	7081.8	6635.7	6418.6	5948.4	5295.2	4928.0	70°
72.5°	3693.8	4202.4	4597.0	4979.5	5472.7	5373.0	5085.8	5146.1	4841.4	4353.6	4135.5	72.5°
75°	2742.4	3301.4	3494.3	3649.9	3858.2	3859.3	3938.2	4109.2	4104.8	3834.1	3559.0	75°
77.5°	1798.7	2410.3	2474.9	2599.9	2849.8	3189.6	3540.3	3917.4	4011.7	3797.9	3391.3	77.5°
80°	1002.9	1638.6	1564.1	1671.5	1941.2	2402.6	2920.0	3336.5	3582.0	3462.5	3031.8	80°
82.5°	513.0	944.8	903.2	1052.2	1270.4	1671.5	2013.5	2333.6	2622.9	2606.5	2443.2	82.5°
85°	266.3	517.3	588.6	666.4	776.0	919.6	1048.9	1142.1	1262.7	1475.3	1547.7	85°
87.5°	0.0	0.0	0.0	0.0	0.0	1.1	0.0	78.9	57.0	156.7	223.6	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°
1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8
1136.6	1137.7	1135.5	1135.5	1136.6	1136.6	1134.4
1134.4	1134.4	1132.3	1130.1	1127.9	1127.9	1125.7
1159.7	1159.7	1152.0	1148.7	1143.2	1138.8	1136.6
1196.9	1190.3	1181.6	1175.0	1166.2	1156.4	1150.9
1234.2	1224.3	1213.4	1203.5	1192.5	1181.6	1176.1
1295.6	1282.4	1268.2	1256.1	1240.8	1224.3	1217.7
1389.8	1369.0	1350.4	1332.8	1305.4	1293.4	1280.2
1514.8	1484.1	1460.0	1430.4	1396.4	1385.4	1369.0
1666.0	1639.7	1591.5	1569.6	1535.6	1519.2	1522.5
1896.2	1862.2	1806.3	1785.5	1782.2	1746.1	1728.5
2196.5	2198.7	2147.2	2091.3	2060.6	2003.6	1931.3
2624.0	2594.4	2534.1	2477.1	2404.8	2297.4	2176.8
3141.4	3075.6	2975.9	2869.5	2741.3	2575.8	2407.0
3646.7	3531.6	3372.6	3195.1	3009.8	2803.8	2564.8
4090.6	3911.9	3674.1	3470.2	3208.2	2950.6	2659.1
4496.1	4274.7	3967.8	3703.7	3394.6	3063.5	2718.3
4888.5	4607.9	4232.0	3874.6	3525.0	3139.2	2746.8
5262.3	4900.6	4454.5	4029.2	3620.4	3188.5	2751.2
5549.5	5154.9	4654.0	4141.0	3686.1	3225.8	2751.2
5815.8	5369.7	4806.3	4228.7	3747.5	3251.0	2753.4
6023.0	5521.0	4905.0	4291.2	3795.7	3269.6	2763.2
6173.1	5619.6	4970.7	4329.5	3830.8	3295.9	2785.1
6278.3	5684.3	5006.9	4363.5	3873.5	3341.9	2846.5
6328.8	5803.7	5067.2	4431.5	3947.0	3439.5	2969.3
6290.4	5989.0	5239.3	4546.5	4048.9	3591.9	3165.5
6274.0	6023.0	5286.4	4571.7	4071.9	3624.7	3233.4
6145.7	6056.9	5480.4	4698.9	4181.5	3770.5	3423.1
5747.8	5923.2	5643.7	4913.7	4417.2	4124.5	3777.1
5232.7	5724.8	5614.1	4941.1	4567.4	4415.0	4000.7
4615.6	5125.3	5022.2	4576.1	4401.9	4418.3	3942.6
3632.4	4014.9	3947.0	3790.2	3825.3	3945.9	3377.0
2910.1	2858.6	2701.8	2712.8	2915.6	3057.0	2431.1
2377.4	1924.7	1720.8	1726.3	2080.4	2227.2	1548.8
2262.3	1820.6	1483.0	1295.6	1513.7	1457.8	808.9
1611.2	1614.5	1339.4	1088.4	1054.4	896.6	504.2
381.4	305.8	218.1	162.2	171.0	112.9	57.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)