

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: P181101

Luminaire Tested: **ICM-F05-LED-E1-SLR-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181101
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-8030
Description: ICON SITE MEDIUM LED LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (35) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9017 lumens
Efficiency: N/A
Efficacy: 67.6 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: B1 - U0 - G3

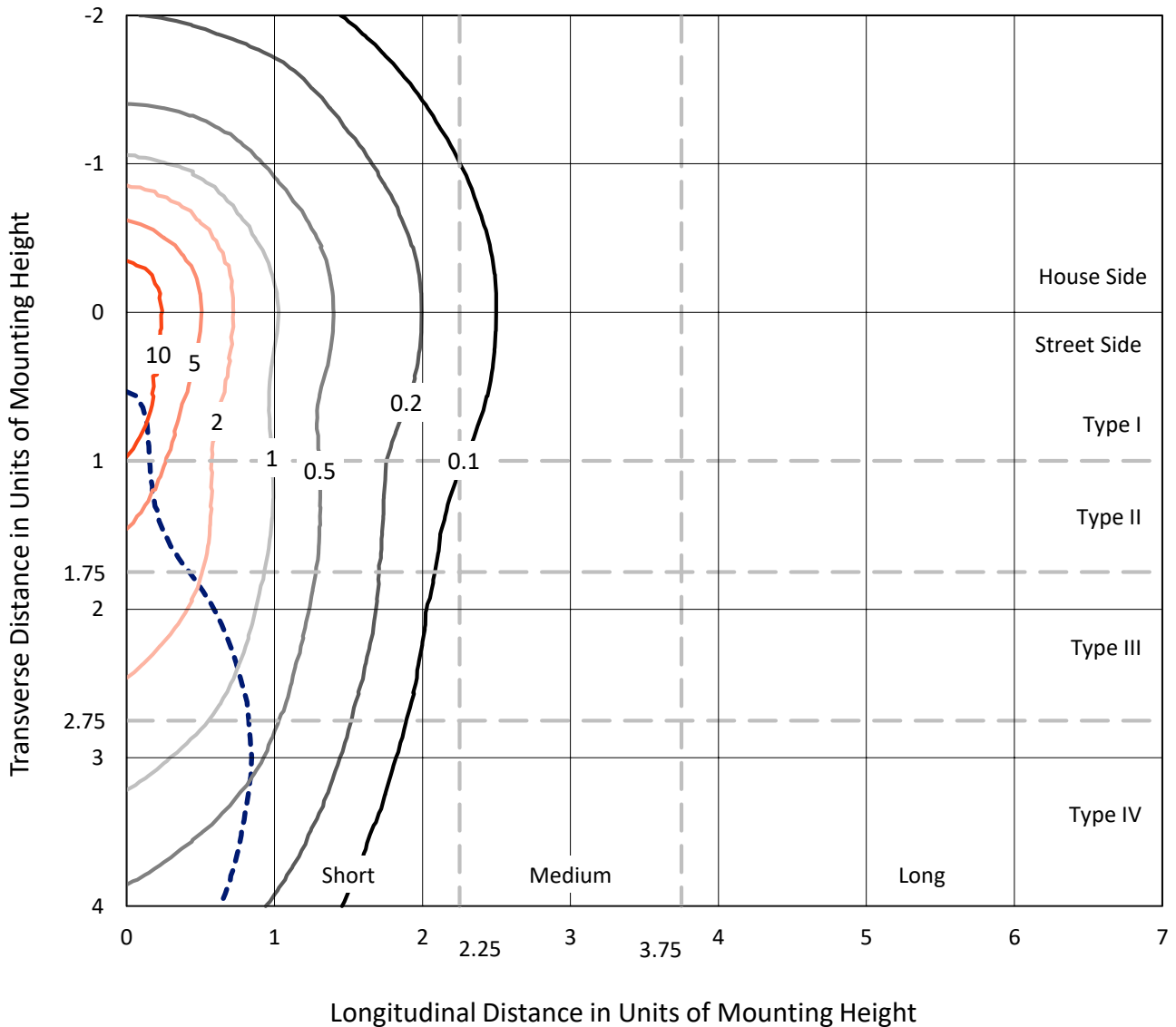
Input Watts (W): 133.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

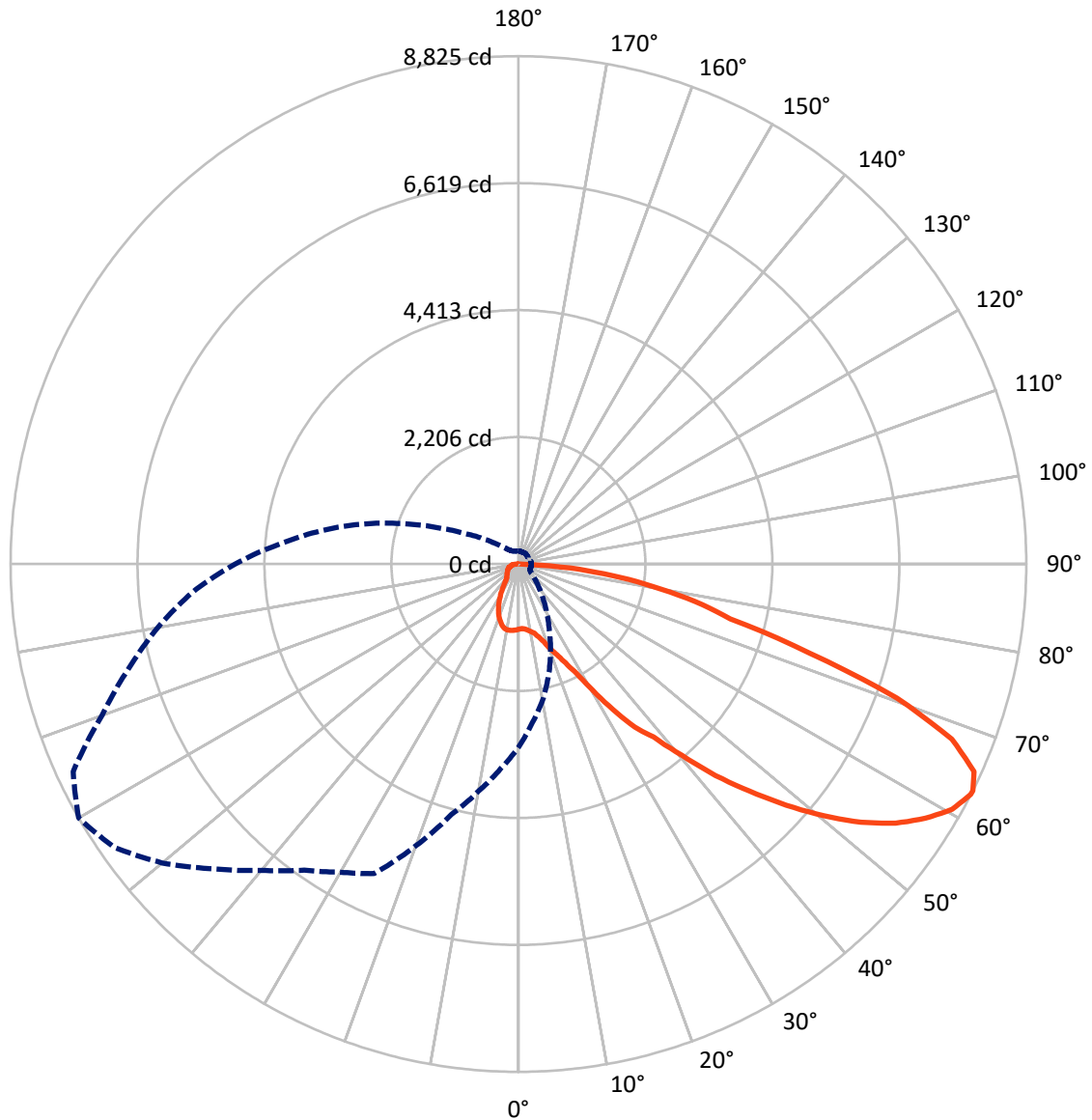
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 14.2 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	1955.3	0.0	1955.3
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	7061.7	0.0	7061.7
	% Fixture	78.3	0.0	78.3
Total	Lumens	9017.0	0.0	9017.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.3	1.2
10°-20°	343.5	3.8
20°-30°	610.3	6.8
30°-40°	961.1	10.7
40°-50°	1414.4	15.7
50°-60°	1878.8	20.8
60°-70°	2069.5	23.0
70°-80°	1298.4	14.4
80°-90°	330.7	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°	9017.0	100.0
0°-180°	9017.0	100.0



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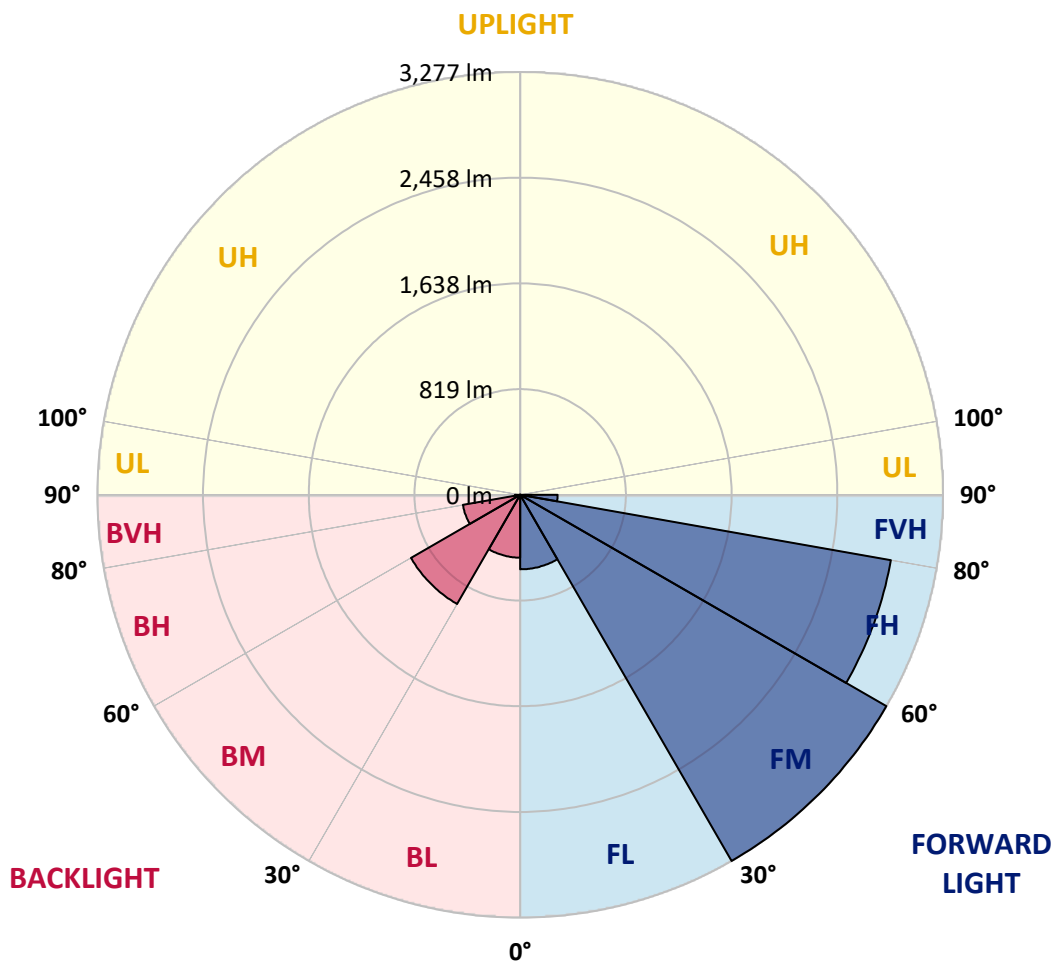
CATALOG NUMBER: ICM-F05-LED-E1-SLR-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	577.4	6.4			
FM	(30°-60°)	3277.0	36.3			
FH	(60°-80°)	2917.1	32.4			G2/5000
FVH	(80°-90°)	290.2	3.2			G3/500
BL	(0°-30°)	486.8	5.4	B1/500		
BM	(30°-60°)	977.3	10.8	B1/1000		
BH	(60°-80°)	450.7	5.0	B1/500		G1/500
BVH	(80°-90°)	40.5	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°	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1
2.5°	1118.1	1121.3	1120.2	1120.2	1122.3	1121.3	1121.3	1122.3	1122.3	1125.6	1129.9
5°	1109.4	1108.3	1106.1	1108.3	1108.3	1108.3	1104.0	1107.3	1108.3	1110.4	1110.4
7.5°	1120.2	1116.9	1112.7	1113.7	1113.7	1111.5	1108.3	1109.4	1108.3	1108.3	1107.3
10°	1134.2	1126.7	1121.3	1121.3	1121.3	1119.1	1113.7	1116.9	1116.9	1115.8	1116.9
12.5°	1159.1	1150.4	1143.9	1141.8	1141.8	1138.5	1134.2	1138.5	1136.4	1136.4	1134.2
15°	1200.1	1190.4	1182.8	1176.4	1177.4	1177.4	1172.0	1168.8	1164.5	1159.1	1148.3
17.5°	1261.7	1250.9	1241.1	1235.7	1236.8	1229.3	1214.1	1199.1	1178.5	1158.0	1135.3
20°	1349.2	1346.0	1333.0	1327.5	1314.6	1296.3	1254.1	1218.5	1178.5	1139.6	1100.8
22.5°	1500.4	1485.3	1472.4	1451.8	1408.6	1357.9	1287.6	1224.9	1162.3	1107.3	1055.4
25°	1703.5	1676.5	1612.8	1550.1	1461.5	1370.8	1275.7	1194.7	1116.9	1044.6	980.8
27.5°	1903.4	1821.2	1707.8	1594.4	1464.8	1346.0	1227.2	1131.0	1040.3	961.4	891.2
30°	2145.3	2007.1	1833.1	1653.8	1470.1	1310.3	1167.7	1055.4	950.6	867.4	794.0
32.5°	2372.2	2172.3	1944.4	1708.9	1482.1	1276.8	1099.6	972.2	864.2	759.4	687.0
35°	2527.7	2268.5	1991.9	1714.3	1452.8	1213.1	1014.3	864.2	756.2	658.9	573.6
37.5°	2620.6	2310.6	1994.1	1675.5	1384.8	1126.7	906.3	757.2	657.9	564.9	498.0
40°	2678.9	2320.3	1966.0	1619.3	1298.4	1017.6	798.2	664.4	573.6	499.1	447.2
42.5°	2707.0	2305.2	1920.7	1547.9	1210.9	920.4	722.7	596.3	517.4	464.5	425.6
45°	2711.4	2278.2	1872.0	1483.2	1133.1	850.1	670.8	568.2	503.4	459.1	420.2
47.5°	2711.4	2254.4	1833.1	1435.6	1082.3	819.9	666.5	580.1	516.4	466.6	420.2
50°	2713.5	2246.8	1816.9	1411.8	1065.1	836.1	703.3	616.8	544.5	479.6	419.2
52.5°	2723.3	2256.6	1829.9	1430.2	1096.4	900.9	772.4	671.9	581.1	494.7	419.2
55°	2744.9	2288.9	1884.9	1494.0	1180.7	999.2	855.5	731.3	610.3	501.2	412.7
57.5°	2805.3	2371.1	1985.4	1617.1	1324.4	1112.7	931.2	773.4	621.1	495.8	399.7
60°	2926.3	2534.2	2157.2	1790.0	1476.7	1209.9	975.4	779.9	611.4	478.5	379.2
62.5°	3119.6	2721.0	2365.7	1977.9	1611.6	1263.8	980.8	763.7	585.5	447.2	348.9
63°	3186.6	2767.6	2410.0	2013.5	1628.9	1268.2	976.5	757.2	579.0	438.6	344.6
65°	3373.5	2963.0	2563.4	2138.8	1677.6	1269.2	952.8	724.8	548.7	405.1	314.3
67.5°	3722.4	3220.1	2756.7	2237.1	1694.9	1234.7	892.3	664.4	485.0	353.2	276.6
70°	3942.8	3363.8	2831.3	2239.3	1644.1	1136.4	787.4	566.0	404.0	292.7	237.7
72.5°	3885.5	3222.3	2634.6	2037.3	1424.8	949.5	633.0	445.0	315.4	234.4	197.7
75°	3328.1	2682.2	2149.6	1578.2	1076.9	697.9	463.4	317.6	233.3	183.6	165.3
77.5°	2395.9	1930.3	1541.5	1124.5	725.9	451.5	307.8	226.9	177.1	151.3	136.1
80°	1526.3	1132.1	943.1	676.2	424.6	279.8	211.7	171.7	145.9	126.4	116.7
82.5°	797.2	558.5	453.7	345.7	235.4	184.7	155.5	140.5	119.9	104.7	99.3
85°	496.9	329.5	244.1	170.7	117.8	105.9	97.2	95.1	85.3	75.6	72.4
87.5°	56.2	50.8	52.9	33.5	24.8	27.0	26.0	34.6	33.5	24.8	26.0
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°	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1
2.5°	1125.6	1127.7	1127.7	1131.0	1131.0	1133.1	1135.3	1135.3	1137.5	1138.5	1140.8
5°	1112.7	1112.7	1112.7	1116.9	1118.1	1124.5	1126.7	1128.8	1131.0	1138.5	1142.9
7.5°	1109.4	1105.0	1107.3	1107.3	1110.4	1115.8	1121.3	1124.5	1127.7	1137.5	1143.9
10°	1115.8	1112.7	1109.4	1109.4	1110.4	1112.7	1116.9	1120.2	1122.3	1132.1	1137.5
12.5°	1133.1	1125.6	1119.1	1113.7	1109.4	1108.3	1106.1	1107.3	1109.4	1114.8	1122.3
15°	1136.4	1122.3	1108.3	1094.2	1083.4	1076.9	1071.5	1069.4	1069.4	1072.7	1081.3
17.5°	1114.8	1091.0	1070.5	1052.1	1040.3	1028.4	1023.0	1018.6	1016.5	1020.8	1021.9
20°	1068.4	1040.3	1012.2	990.5	968.9	965.7	957.0	959.3	961.4	967.9	971.1
22.5°	1004.6	971.1	936.6	913.9	896.6	881.5	871.7	876.1	879.3	885.8	889.0
25°	926.8	878.2	841.5	818.8	800.5	787.4	776.7	781.0	776.7	784.3	796.1
27.5°	835.0	777.8	738.9	712.9	700.0	689.2	678.3	678.3	689.2	689.2	698.9
30°	723.7	681.6	630.9	603.8	587.6	581.1	580.1	578.0	585.5	589.8	600.6
32.5°	619.0	567.1	518.5	492.6	478.5	471.0	472.1	473.1	476.4	482.9	500.1
35°	513.1	467.7	433.2	404.0	390.0	375.9	375.9	373.8	377.0	384.6	405.1
37.5°	445.0	405.1	378.0	355.4	341.3	332.7	325.1	321.9	321.9	325.1	332.7
40°	407.3	378.0	353.2	333.8	320.8	313.3	308.9	305.7	303.5	303.5	304.7
42.5°	390.0	359.7	334.9	317.6	307.8	303.5	302.4	301.4	298.1	297.0	296.0
45°	381.3	346.8	318.7	304.7	297.0	294.9	296.0	296.0	294.9	292.7	288.4
47.5°	374.8	334.9	306.8	293.9	290.6	290.6	290.6	290.6	289.5	288.4	285.2
50°	364.0	316.5	286.2	276.6	274.4	274.4	275.4	275.4	277.6	275.4	273.3
52.5°	352.2	299.3	268.9	260.4	259.3	258.1	258.1	258.1	259.3	259.3	258.1
55°	339.2	286.2	260.4	253.9	254.9	253.9	252.7	251.7	251.7	250.6	248.5
57.5°	326.2	275.4	253.9	249.5	250.6	250.6	248.5	246.3	245.2	242.0	239.8
60°	306.8	260.4	240.9	238.7	242.0	242.0	242.0	240.9	240.9	239.8	234.4
62.5°	280.8	238.7	223.6	224.7	225.8	227.9	227.9	227.9	227.9	225.8	220.4
63°	275.4	234.4	220.4	220.4	223.6	223.6	224.7	223.6	224.7	222.5	216.0
65°	253.9	220.4	209.6	210.6	212.8	212.8	212.8	211.7	211.7	208.5	205.2
67.5°	229.0	203.1	196.6	197.7	198.8	200.9	199.8	199.8	200.9	198.8	195.5
70°	200.9	184.7	180.4	181.5	182.5	182.5	181.5	181.5	182.5	180.4	177.1
72.5°	179.3	172.8	169.6	169.6	167.4	167.4	165.3	164.2	163.1	163.1	159.9
75°	151.3	150.1	151.3	153.4	151.3	149.0	148.0	144.7	142.6	142.6	141.5
77.5°	129.6	129.6	131.8	135.1	136.1	136.1	132.8	127.4	126.4	126.4	126.4
80°	112.4	110.1	110.1	113.4	116.7	115.6	110.1	104.7	104.7	110.1	111.3
82.5°	98.3	98.3	95.1	96.1	95.1	94.0	88.6	85.3	84.3	88.6	92.9
85°	77.8	78.9	77.8	76.7	75.6	72.4	68.1	64.8	63.7	68.1	74.5
87.5°	31.3	30.2	29.2	30.2	29.2	31.3	30.2	28.1	27.0	30.2	36.7
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1
2.5°	1141.8	1143.9	1146.1	1146.1	1148.3	1147.2	1148.3	1149.3	1149.3	1150.4	1150.4
5°	1148.3	1151.5	1155.8	1160.2	1161.2	1164.5	1167.7	1165.6	1168.8	1173.1	1173.1
7.5°	1150.4	1158.0	1161.2	1167.7	1168.8	1173.1	1180.7	1175.3	1181.8	1185.0	1186.1
10°	1147.2	1154.8	1160.2	1167.7	1171.0	1178.5	1186.1	1183.9	1191.4	1196.8	1198.0
12.5°	1127.7	1135.3	1147.2	1158.0	1166.6	1178.5	1192.6	1188.2	1199.1	1205.5	1208.8
15°	1090.0	1097.5	1110.4	1127.7	1143.9	1162.3	1180.7	1183.9	1194.7	1202.2	1205.5
17.5°	1030.5	1040.3	1054.3	1072.7	1093.2	1124.5	1148.3	1160.2	1175.3	1179.6	1185.0
20°	975.4	985.1	993.8	1004.6	1019.7	1050.0	1081.3	1105.0	1124.5	1140.8	1145.0
22.5°	902.0	910.6	921.4	930.1	940.8	962.5	988.4	1015.4	1045.7	1055.4	1066.1
25°	813.4	818.8	834.0	839.4	846.9	865.2	885.8	905.2	934.4	954.9	960.3
27.5°	718.3	723.7	737.8	741.0	750.8	768.0	783.2	790.7	817.7	839.4	856.7
30°	608.2	622.2	639.4	641.7	652.5	663.3	677.3	684.8	709.7	732.4	754.0
32.5°	513.1	527.2	541.2	549.9	555.3	563.9	578.0	585.5	609.2	629.8	651.4
35°	415.9	433.2	448.3	460.2	464.5	475.3	486.1	493.7	518.5	536.8	552.0
37.5°	342.4	355.4	371.6	383.4	395.4	402.9	415.9	426.7	441.8	451.5	467.7
40°	306.8	313.3	321.9	331.6	341.3	350.0	359.7	368.4	378.0	391.1	401.9
42.5°	294.9	296.0	296.0	299.3	304.7	308.9	317.6	324.1	330.5	340.3	345.7
45°	286.2	285.2	283.0	280.8	282.0	284.1	289.5	293.9	301.4	305.7	306.8
47.5°	282.0	277.6	273.3	270.0	268.9	270.0	274.4	278.7	283.0	286.2	287.4
50°	267.9	264.7	258.1	253.9	251.7	253.9	259.3	261.4	265.8	268.9	270.0
52.5°	253.9	249.5	245.2	240.9	240.9	242.0	246.3	250.6	254.9	256.0	258.1
55°	245.2	238.7	234.4	231.2	229.0	232.3	235.4	240.9	246.3	247.4	249.5
57.5°	236.6	230.0	225.8	222.5	220.4	223.6	226.9	234.4	240.9	240.9	240.9
60°	231.2	225.8	219.3	216.0	212.8	216.0	220.4	227.9	234.4	233.3	232.3
62.5°	216.0	210.6	207.4	207.4	204.2	209.6	213.9	222.5	223.6	221.5	219.3
63°	211.7	207.4	205.2	205.2	203.1	208.5	212.8	220.4	220.4	218.2	216.0
65°	200.9	197.7	195.5	197.7	197.7	203.1	204.2	209.6	208.5	205.2	204.2
67.5°	192.3	190.1	188.0	188.0	188.0	189.0	190.1	192.3	191.2	190.1	191.2
70°	178.2	177.1	175.0	175.0	174.0	174.0	174.0	175.0	175.0	176.1	177.1
72.5°	160.9	158.8	158.8	159.9	157.7	158.8	159.9	158.8	160.9	160.9	162.0
75°	141.5	140.5	142.6	144.7	143.6	143.6	144.7	144.7	145.9	145.9	146.9
77.5°	126.4	127.4	128.6	130.7	131.8	131.8	131.8	130.7	131.8	131.8	132.8
80°	112.4	114.5	116.7	118.8	119.9	119.9	119.9	118.8	118.8	118.8	118.8
82.5°	101.6	104.7	107.0	108.0	108.0	108.0	108.0	108.0	108.0	105.9	103.7
85°	85.3	91.8	91.8	92.9	89.7	87.5	85.3	86.4	87.5	83.2	82.1
87.5°	43.2	43.2	45.4	47.5	48.7	48.7	55.1	51.8	50.8	49.7	47.5
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°	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1
2.5°	1151.5	1150.4	1152.6	1150.4	1151.5	1152.6	1150.4	1153.7	1155.8	1152.6	1149.3
5°	1175.3	1175.3	1180.7	1182.8	1183.9	1190.4	1187.2	1189.3	1191.4	1190.4	1191.4
7.5°	1190.4	1194.7	1200.1	1205.5	1206.6	1212.0	1210.9	1214.1	1216.3	1221.7	1221.7
10°	1203.4	1208.8	1216.3	1221.7	1227.2	1231.4	1233.6	1240.1	1241.1	1245.5	1245.5
12.5°	1215.3	1221.7	1229.3	1238.0	1243.4	1252.0	1253.0	1262.8	1266.1	1267.1	1263.8
15°	1213.1	1220.7	1229.3	1239.0	1248.8	1259.5	1266.1	1275.7	1281.1	1283.3	1277.9
17.5°	1192.6	1199.1	1209.9	1222.8	1234.7	1248.8	1260.7	1274.6	1283.3	1285.5	1284.4
20°	1152.6	1156.9	1171.0	1188.2	1202.2	1223.9	1241.1	1262.8	1276.8	1287.6	1290.9
22.5°	1073.8	1084.6	1098.6	1118.1	1138.5	1165.6	1190.4	1221.7	1252.0	1277.9	1303.8
25°	978.7	998.1	1019.7	1045.7	1070.5	1098.6	1126.7	1162.3	1206.6	1260.7	1322.1
27.5°	882.5	916.0	943.1	976.5	1005.7	1033.8	1065.1	1104.0	1152.6	1217.4	1296.3
30°	785.3	823.2	852.3	891.2	930.1	967.9	999.2	1040.3	1087.8	1153.7	1240.1
32.5°	681.6	719.4	754.0	789.7	832.8	878.2	916.0	966.8	1017.6	1085.6	1173.1
35°	574.7	608.2	637.3	675.2	722.7	771.3	820.9	879.3	934.4	1005.7	1098.6
37.5°	481.8	505.6	533.6	567.1	603.8	655.7	711.8	781.0	843.6	921.4	1016.5
40°	405.1	418.0	434.2	462.3	495.8	546.6	601.7	675.2	750.8	836.1	927.9
42.5°	345.7	352.2	356.5	374.8	401.9	451.5	504.5	575.7	658.9	751.8	844.7
45°	306.8	310.0	311.1	320.8	340.3	383.4	438.6	499.1	579.0	669.8	767.0
47.5°	288.4	291.6	293.9	296.0	307.8	341.3	391.1	448.3	521.8	604.9	704.3
50°	273.3	276.6	279.8	278.7	284.1	305.7	347.8	400.7	469.9	546.6	644.9
52.5°	258.1	260.4	260.4	260.4	263.5	277.6	307.8	356.5	420.2	492.6	589.8
55°	249.5	251.7	252.7	253.9	254.9	262.5	285.2	324.1	379.2	446.1	533.6
57.5°	240.9	242.0	244.1	245.2	247.4	251.7	265.8	293.9	340.3	396.5	469.9
60°	233.3	235.4	239.8	240.9	243.1	244.1	250.6	267.9	298.1	341.3	400.7
62.5°	221.5	224.7	229.0	230.0	232.3	233.3	234.4	244.1	258.1	284.1	328.4
63°	218.2	221.5	226.9	227.9	229.0	229.0	230.0	236.6	249.5	272.2	304.7
65°	206.3	210.6	213.9	215.0	216.0	216.0	215.0	217.1	218.2	227.9	247.4
67.5°	193.4	196.6	198.8	199.8	198.8	199.8	198.8	196.6	194.4	196.6	205.2
70°	180.4	182.5	182.5	183.6	184.7	185.8	183.6	181.5	179.3	178.2	183.6
72.5°	165.3	167.4	167.4	168.6	168.6	170.7	170.7	169.6	169.6	170.7	171.7
75°	150.1	152.3	151.3	153.4	153.4	156.7	156.7	157.7	159.9	158.8	157.7
77.5°	136.1	137.2	137.2	138.2	139.3	144.7	148.0	149.0	149.0	146.9	144.7
80°	121.0	121.0	118.8	117.8	118.8	124.2	130.7	131.8	135.1	134.0	135.1
82.5°	101.6	97.2	94.0	94.0	96.1	99.3	101.6	103.7	105.9	105.9	108.0
85°	77.8	73.5	70.2	71.3	74.5	75.6	74.5	74.5	78.9	82.1	78.9
87.5°	46.4	42.1	40.0	36.7	37.8	41.0	40.0	36.7	37.8	30.2	28.1
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°	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1
2.5°	1151.5	1150.4	1148.3	1145.0	1143.9	1141.8	1142.9	1139.6	1137.5	1135.3	1132.1
5°	1191.4	1191.4	1185.0	1185.0	1181.8	1180.7	1173.1	1169.9	1163.4	1165.6	1158.0
7.5°	1219.5	1222.8	1215.3	1214.1	1209.9	1208.8	1199.1	1195.8	1190.4	1188.2	1181.8
10°	1240.1	1240.1	1230.3	1222.8	1217.4	1212.0	1202.2	1198.0	1193.7	1194.7	1190.4
12.5°	1256.3	1248.8	1234.7	1223.9	1216.3	1210.9	1203.4	1200.1	1199.1	1206.6	1207.7
15°	1269.2	1258.4	1241.1	1233.6	1227.2	1226.1	1226.1	1229.3	1236.8	1250.9	1261.7
17.5°	1276.8	1270.3	1261.7	1259.5	1270.3	1276.8	1285.5	1295.2	1306.0	1325.4	1337.3
20°	1290.9	1295.2	1301.7	1310.3	1327.5	1343.8	1354.6	1368.7	1381.6	1405.4	1424.8
22.5°	1327.5	1352.5	1372.9	1390.2	1416.2	1438.9	1452.8	1472.4	1482.1	1498.2	1528.5
25°	1375.1	1425.9	1469.1	1505.8	1545.8	1569.6	1589.0	1613.9	1628.9	1656.0	1683.0
27.5°	1361.0	1433.4	1498.2	1566.3	1621.4	1683.0	1726.2	1767.3	1793.1	1833.1	1868.8
30°	1317.9	1404.3	1491.8	1581.4	1668.9	1757.5	1839.6	1914.2	1971.4	2028.7	2087.0
32.5°	1259.5	1358.9	1465.9	1576.0	1690.5	1813.7	1927.1	2039.5	2134.5	2217.7	2298.7
35°	1192.6	1304.9	1416.2	1552.3	1693.8	1850.4	2008.1	2163.6	2308.4	2455.4	2554.7
37.5°	1112.7	1227.2	1351.4	1508.0	1674.3	1867.7	2068.6	2271.7	2476.9	2674.6	2846.3
40°	1027.3	1143.9	1274.6	1444.3	1632.2	1856.8	2107.5	2380.8	2662.7	2948.9	3176.9
42.5°	951.6	1071.5	1214.1	1386.0	1590.1	1842.9	2138.8	2474.8	2819.4	3173.7	3508.6
45°	878.2	1010.0	1160.2	1344.8	1571.7	1853.7	2185.3	2562.2	2959.8	3389.7	3798.1
47.5°	812.3	946.2	1092.1	1294.1	1544.8	1859.1	2230.6	2649.8	3092.7	3558.3	4043.3
50°	752.9	882.5	1026.2	1229.3	1502.6	1855.8	2271.7	2728.7	3207.2	3691.1	4232.3
52.5°	694.6	826.3	973.3	1166.6	1450.7	1837.4	2291.2	2793.4	3313.0	3825.0	4384.6
55°	637.3	767.0	915.0	1107.3	1382.7	1790.0	2288.9	2835.6	3397.3	3951.5	4531.5
57.5°	570.3	693.5	838.2	1041.3	1310.3	1716.5	2256.6	2855.0	3469.7	4076.8	4707.6
60°	487.2	602.8	742.1	945.2	1215.3	1622.5	2188.5	2844.2	3511.7	4169.6	4857.7
62.5°	384.6	485.0	612.5	811.3	1096.4	1487.5	2061.0	2745.9	3444.8	4156.7	4927.9
63°	363.0	458.0	582.2	778.8	1045.7	1450.7	2023.3	2707.0	3412.4	4129.7	4918.3
65°	291.6	353.2	452.7	628.7	875.0	1270.3	1835.3	2507.2	3238.5	3939.6	4777.8
67.5°	223.6	254.9	307.8	431.0	619.0	999.2	1486.3	2124.8	2810.7	3469.7	4325.1
70°	191.2	205.2	227.9	286.2	393.2	630.9	1043.4	1584.7	2178.8	2750.2	3519.4
72.5°	174.0	180.4	192.3	217.1	270.0	378.0	665.4	1031.6	1482.1	1960.6	2554.7
75°	159.9	165.3	175.0	188.0	207.4	251.7	379.2	630.9	963.5	1287.6	1724.0
77.5°	145.9	149.0	159.9	171.7	184.7	207.4	250.6	363.0	554.1	759.4	1039.2
80°	134.0	131.8	139.3	158.8	171.7	184.7	197.7	235.4	315.4	415.9	561.7
82.5°	107.0	109.1	115.6	135.1	140.5	137.2	139.3	145.9	176.1	192.3	287.4
85°	72.4	67.0	65.9	68.1	68.1	64.8	64.8	63.7	70.2	79.9	137.2
87.5°	19.4	9.8	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°	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	0°
2.5°	1129.9	1128.8	1129.9	1124.5	1124.5	1123.4	1122.3	1120.2	1120.2	1115.8	1119.1	2.5°
5°	1151.5	1149.3	1145.0	1138.5	1135.3	1131.0	1131.0	1126.7	1123.4	1119.1	1120.2	5°
7.5°	1176.4	1177.4	1169.9	1164.5	1162.3	1158.0	1159.1	1152.6	1153.7	1150.4	1148.3	7.5°
10°	1190.4	1190.4	1192.6	1191.4	1193.7	1193.7	1196.8	1192.6	1190.4	1187.2	1187.2	10°
12.5°	1213.1	1217.4	1226.1	1226.1	1232.6	1234.7	1235.7	1238.0	1233.6	1231.4	1223.9	12.5°
15°	1269.2	1280.1	1287.6	1298.4	1311.4	1315.7	1315.7	1311.4	1309.2	1306.0	1291.9	15°
17.5°	1362.1	1386.0	1392.4	1409.7	1411.8	1417.2	1432.4	1423.7	1418.3	1395.6	1391.4	17.5°
20°	1457.2	1487.5	1517.7	1539.3	1550.1	1571.7	1575.0	1570.6	1549.0	1527.5	1517.7	20°
22.5°	1571.7	1617.1	1651.6	1685.1	1701.3	1712.1	1735.9	1730.5	1713.2	1680.8	1667.8	22.5°
25°	1733.8	1790.0	1826.6	1867.7	1889.3	1900.1	1923.8	1923.8	1905.5	1895.8	1894.7	25°
27.5°	1937.9	2007.1	2067.5	2081.6	2137.8	2150.7	2173.4	2173.4	2156.1	2144.2	2201.5	27.5°
30°	2164.8	2237.1	2341.9	2412.1	2480.2	2547.2	2546.1	2550.4	2570.9	2581.7	2606.5	30°
32.5°	2391.6	2481.2	2592.5	2744.9	2890.6	3014.9	3175.8	3278.4	3247.1	3159.6	3125.0	32.5°
35°	2667.1	2766.4	2901.5	3054.8	3321.7	3482.6	3560.4	3615.5	3622.0	3633.9	3658.7	35°
37.5°	2973.9	3140.2	3296.9	3470.7	3618.7	3814.3	3994.6	4139.4	4172.9	4241.0	4202.1	37.5°
40°	3361.6	3547.5	3711.7	3936.3	4135.1	4370.5	4628.8	4827.5	4907.4	4881.5	4687.1	40°
42.5°	3767.8	3997.9	4190.2	4454.8	4713.0	5024.1	5290.9	5568.5	5618.2	5418.4	5127.8	42.5°
45°	4141.5	4426.7	4665.4	4940.9	5256.3	5629.0	5985.5	6270.6	6261.0	5918.5	5529.6	45°
47.5°	4477.5	4827.5	5119.1	5477.8	5817.0	6261.0	6670.4	6881.0	6756.8	6351.7	5875.3	47.5°
50°	4755.1	5191.6	5551.2	5914.2	6345.2	6879.9	7274.2	7393.0	7153.2	6712.5	6211.2	50°
52.5°	4978.7	5526.4	5930.4	6348.4	6892.9	7455.7	7794.8	7750.6	7440.5	6987.9	6488.9	52.5°
55°	5167.8	5782.4	6264.1	6757.8	7433.0	7951.5	8177.3	8058.4	7625.3	7166.2	6679.0	55°
57.5°	5363.3	6030.8	6570.9	7143.5	7895.3	8340.3	8465.6	8221.5	7712.8	7234.2	6761.1	57.5°
60°	5558.8	6238.3	6842.1	7480.5	8245.3	8657.9	8623.4	8258.3	7686.8	7184.5	6706.0	60°
62.5°	5690.5	6361.4	6999.8	7687.9	8507.8	8820.0	8608.2	8127.6	7536.7	6989.0	6541.8	62.5°
63°	5693.8	6365.7	7009.5	7701.9	8537.0	8825.4	8579.1	8081.1	7489.2	6949.1	6493.2	63°
65°	5625.8	6284.7	6923.1	7638.2	8512.1	8701.2	8327.4	7806.7	7218.0	6672.5	6240.4	65°
67.5°	5277.9	5949.8	6513.7	7187.8	8067.0	8121.1	7653.3	7233.2	6703.9	6138.8	5687.4	67.5°
70°	4576.9	5135.4	5688.4	6251.2	6989.0	6979.3	6539.7	6325.7	5862.4	5218.5	4856.7	70°
72.5°	3640.3	4141.5	4530.4	4907.4	5393.5	5295.2	5012.2	5071.7	4771.3	4290.6	4075.7	72.5°
75°	2702.7	3253.6	3443.7	3597.1	3802.3	3803.5	3881.2	4049.7	4045.4	3778.6	3507.5	75°
77.5°	1772.7	2375.4	2439.1	2562.2	2808.6	3143.5	3489.1	3860.7	3953.6	3742.9	3342.2	77.5°
80°	988.4	1614.9	1541.5	1647.4	1913.0	2367.8	2877.7	3288.2	3530.2	3412.4	2987.9	80°
82.5°	505.6	931.2	890.1	1037.0	1252.0	1647.4	1984.4	2299.7	2584.9	2568.8	2407.8	82.5°
85°	262.5	509.9	580.1	656.7	764.7	906.3	1033.8	1125.6	1244.4	1454.0	1525.3	85°
87.5°	0.0	0.0	0.0	0.0	0.0	1.1	0.0	77.8	56.2	154.5	220.4	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°
1133.1	1133.1	1133.1	1133.1	1133.1	1133.1	1133.1
1120.2	1121.3	1119.1	1119.1	1120.2	1120.2	1118.1
1118.1	1118.1	1115.8	1113.7	1111.5	1111.5	1109.4
1142.9	1142.9	1135.3	1132.1	1126.7	1122.3	1120.2
1179.6	1173.1	1164.5	1158.0	1149.3	1139.6	1134.2
1216.3	1206.6	1195.8	1186.1	1175.3	1164.5	1159.1
1276.8	1263.8	1249.8	1238.0	1222.8	1206.6	1200.1
1369.7	1349.2	1330.8	1313.6	1286.5	1274.6	1261.7
1492.8	1462.6	1438.9	1409.7	1376.2	1365.4	1349.2
1642.0	1616.0	1568.5	1546.9	1513.4	1497.2	1500.4
1868.8	1835.3	1780.2	1759.6	1756.5	1720.8	1703.5
2164.8	2166.9	2116.1	2061.0	2030.8	1974.6	1903.4
2586.1	2556.9	2497.5	2441.3	2370.0	2264.1	2145.3
3095.9	3031.1	2932.8	2828.0	2701.6	2538.5	2372.2
3593.9	3480.5	3323.8	3148.9	2966.3	2763.2	2527.7
4031.4	3855.3	3620.9	3419.9	3161.8	2907.9	2620.6
4431.0	4212.9	3910.3	3650.1	3345.4	3019.2	2678.9
4817.8	4541.2	4170.7	3818.5	3474.0	3093.8	2707.0
5186.1	4829.6	4390.0	3970.9	3567.9	3142.3	2711.4
5469.1	5080.2	4586.6	4081.0	3632.8	3179.1	2711.4
5731.7	5291.9	4736.8	4167.5	3693.2	3203.9	2713.5
5935.8	5441.1	4834.0	4229.0	3740.8	3222.3	2723.3
6083.8	5538.3	4898.8	4266.8	3775.4	3248.2	2744.9
6187.5	5602.0	4934.4	4300.3	3817.5	3293.6	2805.3
6237.2	5719.8	4993.8	4367.3	3889.9	3389.7	2926.3
6199.4	5902.3	5163.5	4480.8	3990.4	3539.8	3119.6
6183.2	5935.8	5209.9	4505.6	4013.0	3572.3	3186.6
6056.8	5969.2	5401.1	4630.9	4121.0	3715.9	3373.5
5664.7	5837.5	5562.1	4842.6	4353.2	4064.9	3722.4
5157.0	5642.0	5532.9	4869.6	4501.2	4351.1	3942.8
4548.8	5051.1	4949.5	4509.9	4338.2	4354.4	3885.5
3579.8	3956.9	3889.9	3735.4	3770.0	3888.8	3328.1
2868.0	2817.2	2662.7	2673.5	2873.4	3012.8	2395.9
2343.0	1896.8	1695.9	1701.3	2050.2	2195.0	1526.3
2229.6	1794.2	1461.5	1276.8	1491.8	1436.7	797.2
1587.9	1591.2	1320.0	1072.7	1039.2	883.6	496.9
375.9	301.4	215.0	159.9	168.6	111.3	56.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)