

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: P181077

Luminaire Tested: **ICM-E03-LED-E1-SLR-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181077
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-E03-LED-E1-SLR-7030
Description: ICON SITE MEDIUM LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (63) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7092.2 lumens
Efficiency: N/A
Efficacy: 94.3 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 1' x H: 0.1')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G3

Input Watts (W): 75.2
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

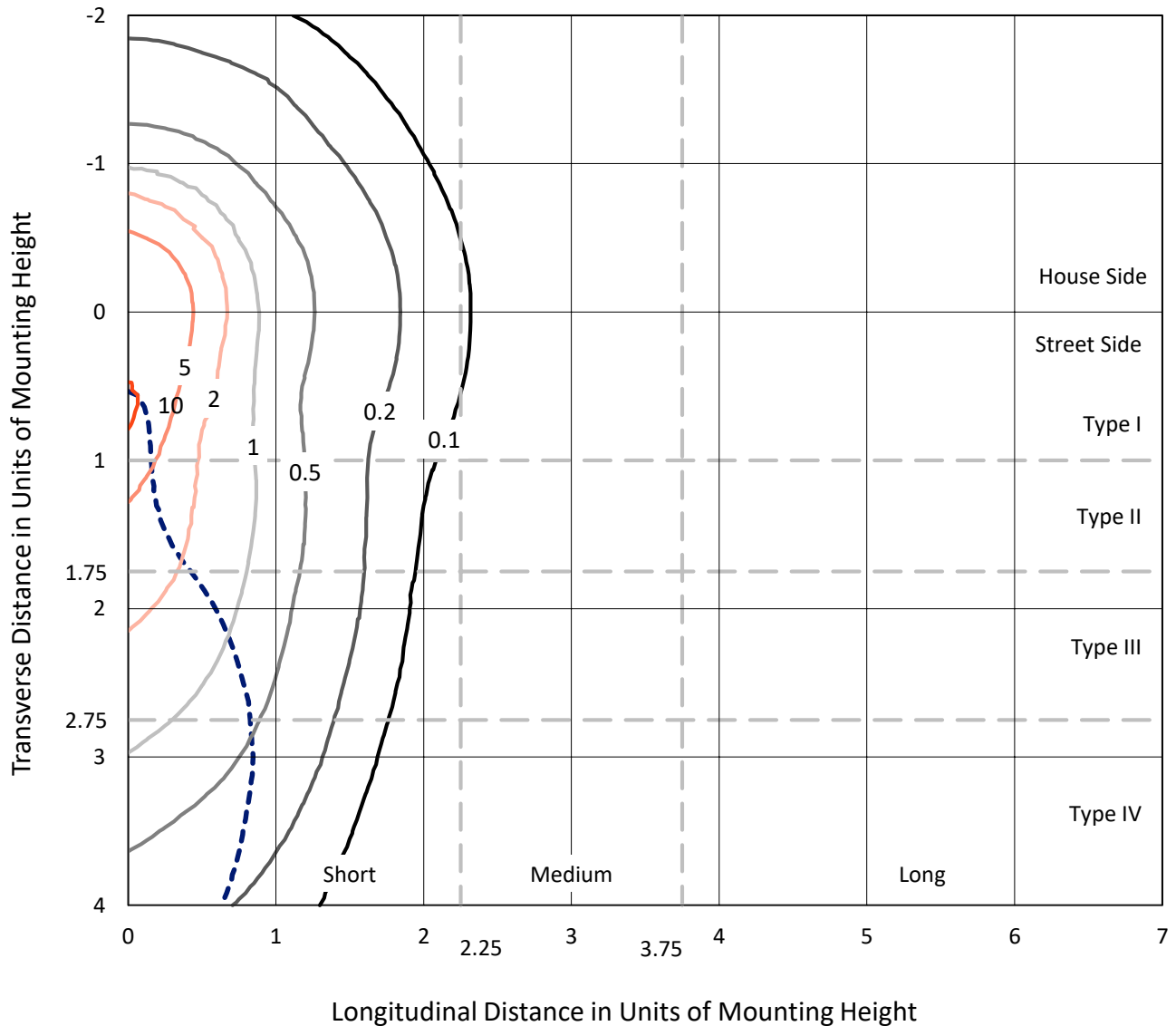


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Iso-Footcandle Lines of Horizontal Illumination

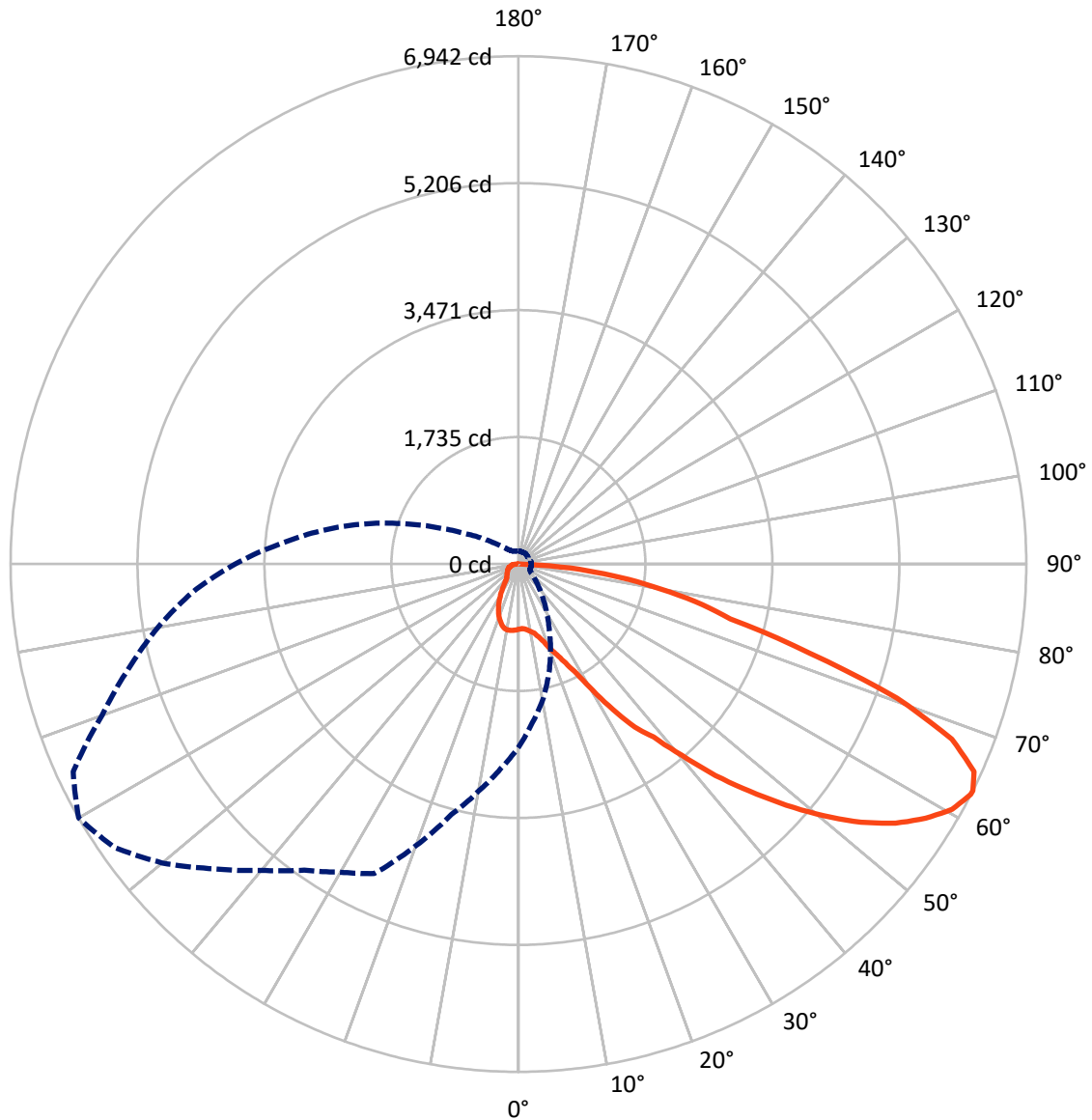
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 11.2 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	1537.9	0.0	1537.9
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	5554.3	0.0	5554.3
	% Fixture	78.3	0.0	78.3
Total	Lumens	7092.2	0.0	7092.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.8	1.2
10°-20°	270.2	3.8
20°-30°	480.0	6.8
30°-40°	755.9	10.7
40°-50°	1112.5	15.7
50°-60°	1477.7	20.8
60°-70°	1627.7	23.0
70°-80°	1021.2	14.4
80°-90°	260.1	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°	7092.2	100.0
0°-180°	7092.2	100.0

Coefficient of Utilization



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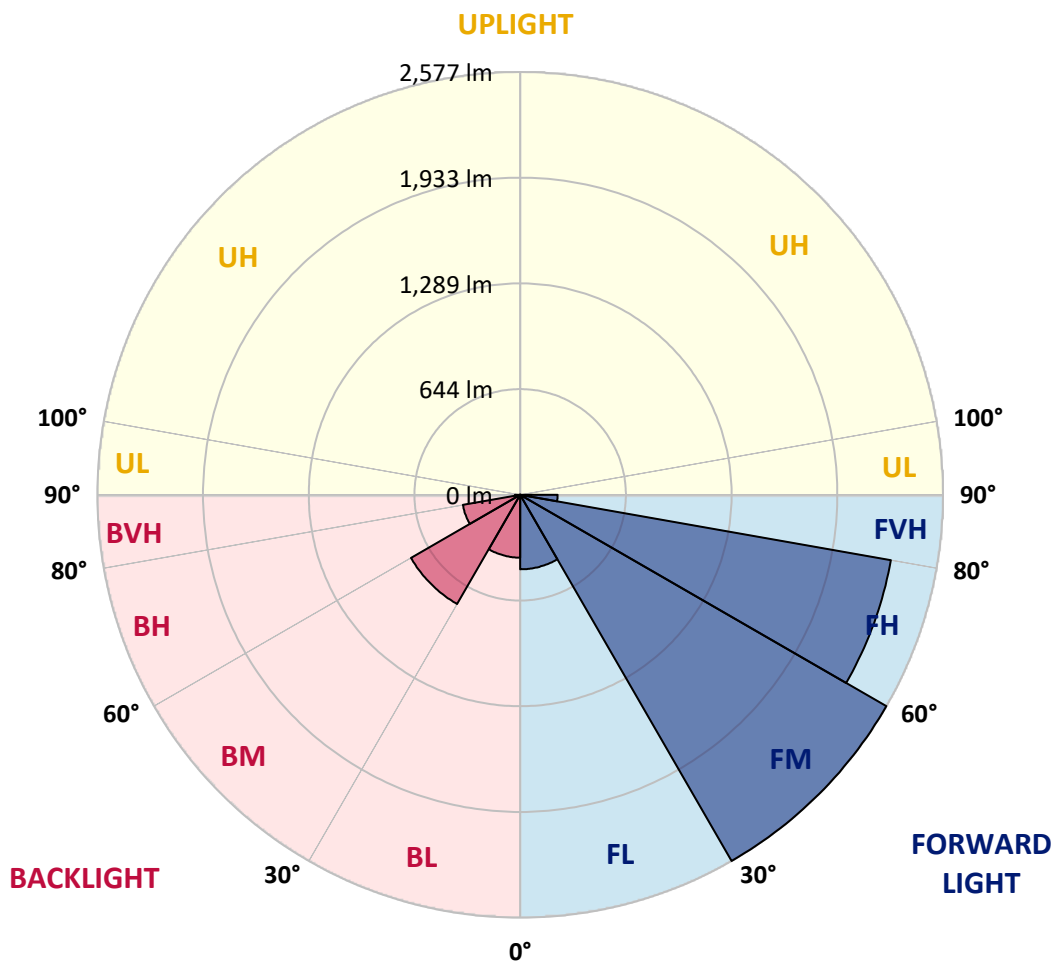
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	454.1	6.4			
FM	(30°-60°)	2577.5	36.3			
FH	(60°-80°)	2294.4	32.4			G2/5000
FVH	(80°-90°)	228.3	3.2			G3/500
BL	(0°-30°)	382.9	5.4	B1/500		
BM	(30°-60°)	768.7	10.8	B1/1000		
BH	(60°-80°)	354.5	5.0	B1/500		G1/500
BVH	(80°-90°)	31.8	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°	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3
2.5°	879.4	882.0	881.0	881.0	882.8	882.0	882.0	882.8	882.8	885.3	888.7
5°	872.6	871.7	870.1	871.7	871.7	871.7	868.3	870.9	871.7	873.4	873.4
7.5°	881.0	878.5	875.2	876.0	876.0	874.2	871.7	872.6	871.7	871.7	870.9
10°	892.1	886.1	882.0	882.0	882.0	880.2	876.0	878.5	878.5	877.7	878.5
12.5°	911.6	904.8	899.7	898.1	898.1	895.5	892.1	895.5	893.8	893.8	892.1
15°	943.9	936.3	930.3	925.2	926.1	926.1	921.9	919.3	915.9	911.6	903.2
17.5°	992.4	983.9	976.2	972.0	972.8	966.9	955.0	943.1	927.0	910.8	892.9
20°	1061.2	1058.6	1048.5	1044.2	1034.0	1019.5	986.4	958.4	927.0	896.4	865.8
22.5°	1180.1	1168.3	1158.1	1141.9	1107.9	1068.0	1012.8	963.4	914.2	870.9	830.1
25°	1339.9	1318.6	1268.5	1219.3	1149.6	1078.1	1003.4	939.7	878.5	821.6	771.4
27.5°	1497.0	1432.5	1343.3	1254.1	1152.1	1058.6	965.2	889.6	818.2	756.2	700.9
30°	1687.4	1578.6	1441.9	1300.8	1156.4	1030.6	918.4	830.1	747.6	682.2	624.5
32.5°	1865.8	1708.6	1529.3	1344.1	1165.7	1004.3	864.9	764.7	679.7	597.3	540.4
35°	1988.1	1784.2	1566.7	1348.4	1142.8	954.1	797.8	679.7	594.7	518.2	451.2
37.5°	2061.2	1817.4	1568.4	1317.8	1089.2	886.1	712.8	595.6	517.4	444.4	391.7
40°	2107.1	1825.0	1546.3	1273.6	1021.2	800.4	627.9	522.5	451.2	392.6	351.7
42.5°	2129.2	1813.1	1510.6	1217.5	952.5	723.9	568.4	469.0	407.0	365.3	334.8
45°	2132.6	1791.9	1472.4	1166.5	891.3	668.7	527.6	446.9	395.9	361.1	330.5
47.5°	2132.6	1773.2	1441.9	1129.1	851.4	644.8	524.2	456.3	406.1	367.1	330.5
50°	2134.2	1767.3	1429.1	1110.4	837.8	657.6	553.1	485.1	428.2	377.2	329.7
52.5°	2142.0	1774.9	1439.3	1124.9	862.4	708.6	607.4	528.5	457.1	389.1	329.7
55°	2158.9	1800.4	1482.6	1175.1	928.7	785.9	672.9	575.2	480.0	394.2	324.6
57.5°	2206.5	1864.9	1561.6	1271.9	1041.7	875.2	732.4	608.4	488.6	390.0	314.3
60°	2301.7	1993.2	1696.8	1407.8	1161.4	951.6	767.3	613.4	480.9	376.4	298.2
62.5°	2453.8	2140.2	1860.7	1555.6	1267.6	994.1	771.4	600.7	460.5	351.7	274.4
63°	2506.4	2176.8	1895.5	1583.7	1281.2	997.5	768.1	595.6	455.4	344.9	271.1
65°	2653.4	2330.5	2016.2	1682.2	1319.4	998.3	749.4	570.1	431.6	318.6	247.3
67.5°	2927.8	2532.8	2168.3	1759.5	1333.0	971.2	701.8	522.5	381.5	277.9	217.5
70°	3101.1	2645.8	2226.9	1761.3	1293.1	893.8	619.4	445.2	317.8	230.2	186.9
72.5°	3056.1	2534.4	2072.3	1602.4	1120.7	746.8	497.9	350.0	248.1	184.4	155.4
75°	2617.7	2109.6	1690.8	1241.3	847.1	548.8	364.5	249.8	183.5	144.5	130.0
77.5°	1884.5	1518.3	1212.5	884.5	571.0	355.2	242.1	178.4	139.3	119.0	107.1
80°	1200.6	890.4	741.8	531.9	333.9	220.1	166.5	135.1	114.7	99.4	91.7
82.5°	627.1	439.3	356.8	271.9	185.2	145.3	122.3	110.4	94.3	82.4	78.1
85°	390.8	259.2	192.0	134.2	92.7	83.3	76.5	74.8	67.2	59.4	56.9
87.5°	44.2	39.9	41.7	26.3	19.5	21.2	20.4	27.2	26.3	19.5	20.4
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°	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3
2.5°	885.3	887.0	887.0	889.6	889.6	891.3	892.9	892.9	894.7	895.5	897.2
5°	875.2	875.2	875.2	878.5	879.4	884.5	886.1	887.9	889.6	895.5	898.9
7.5°	872.6	869.2	870.9	870.9	873.4	877.7	882.0	884.5	887.0	894.7	899.7
10°	877.7	875.2	872.6	872.6	873.4	875.2	878.5	881.0	882.8	890.4	894.7
12.5°	891.3	885.3	880.2	876.0	872.6	871.7	870.1	870.9	872.6	876.8	882.8
15°	893.8	882.8	871.7	860.7	852.2	847.1	842.8	841.1	841.1	843.7	850.5
17.5°	876.8	858.1	842.0	827.5	818.2	808.8	804.6	801.2	799.5	802.9	803.7
20°	840.3	818.2	796.1	779.1	762.1	759.5	752.7	754.5	756.2	761.3	763.8
22.5°	790.1	763.8	736.7	718.8	705.2	693.3	685.7	689.0	691.6	696.7	699.3
25°	729.0	690.8	661.9	644.0	629.6	619.4	610.9	614.3	610.9	616.8	626.1
27.5°	656.7	611.7	581.1	560.7	550.6	542.0	533.6	533.6	542.0	542.0	549.7
30°	569.2	536.1	496.2	475.0	462.2	457.1	456.3	454.5	460.5	463.9	472.4
32.5°	486.8	446.0	407.8	387.4	376.4	370.4	371.3	372.1	374.7	379.8	393.4
35°	403.5	367.9	340.7	317.8	306.7	295.6	295.6	294.0	296.6	302.5	318.6
37.5°	350.0	318.6	297.4	279.5	268.5	261.7	255.7	253.2	253.2	255.7	261.7
40°	320.3	297.4	277.9	262.5	252.4	246.4	243.0	240.5	238.8	238.8	239.6
42.5°	306.7	282.9	263.4	249.8	242.1	238.8	237.9	237.0	234.5	233.7	232.8
45°	299.9	272.7	250.6	239.6	233.7	231.9	232.8	232.8	231.9	230.2	226.9
47.5°	294.8	263.4	241.3	231.1	228.6	228.6	228.6	228.6	227.7	226.9	224.3
50°	286.3	248.9	225.1	217.5	215.8	215.8	216.7	216.7	218.3	216.7	215.0
52.5°	277.0	235.4	211.5	204.7	203.9	203.1	203.1	203.1	203.9	203.9	203.1
55°	266.8	225.1	204.7	199.6	200.6	199.6	198.8	198.0	198.0	197.1	195.4
57.5°	256.6	216.7	199.6	196.3	197.1	197.1	195.4	193.7	192.8	190.3	188.7
60°	241.3	204.7	189.5	187.8	190.3	190.3	190.3	189.5	189.5	188.7	184.4
62.5°	220.9	187.8	175.9	176.7	177.6	179.3	179.3	179.3	179.3	177.6	173.3
63°	216.7	184.4	173.3	173.3	175.9	175.9	176.7	175.9	176.7	175.1	170.0
65°	199.6	173.3	164.8	165.7	167.3	167.3	167.3	166.5	166.5	164.0	161.4
67.5°	180.1	159.7	154.6	155.4	156.4	158.0	157.2	157.2	158.0	156.4	153.8
70°	158.0	145.3	141.9	142.7	143.6	143.6	142.7	142.7	143.6	141.9	139.3
72.5°	141.0	135.9	133.4	133.4	131.7	131.7	130.0	129.1	128.3	128.3	125.8
75°	119.0	118.1	119.0	120.7	119.0	117.2	116.4	113.9	112.2	112.2	111.3
77.5°	102.0	102.0	103.6	106.2	107.1	107.1	104.5	100.3	99.4	99.4	99.4
80°	88.4	86.7	86.7	89.2	91.7	90.9	86.7	82.4	82.4	86.7	87.5
82.5°	77.3	77.3	74.8	75.6	74.8	74.0	69.7	67.2	66.2	69.7	73.0
85°	61.2	62.0	61.2	60.3	59.4	56.9	53.5	51.0	50.1	53.5	58.6
87.5°	24.7	23.8	23.0	23.8	23.0	24.7	23.8	22.0	21.2	23.8	28.9
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°	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3
2.5°	898.1	899.7	901.5	901.5	903.2	902.3	903.2	904.0	904.0	904.8	904.8
5°	903.2	905.7	909.1	912.5	913.4	915.9	918.4	916.7	919.3	922.7	922.7
7.5°	904.8	910.8	913.4	918.4	919.3	922.7	928.7	924.4	929.5	932.0	932.9
10°	902.3	908.3	912.5	918.4	921.0	927.0	932.9	931.2	937.1	941.4	942.2
12.5°	887.0	892.9	902.3	910.8	917.6	927.0	938.0	934.6	943.1	948.2	950.7
15°	857.3	863.3	873.4	887.0	899.7	914.2	928.7	931.2	939.7	945.7	948.2
17.5°	810.5	818.2	829.2	843.7	859.8	884.5	903.2	912.5	924.4	927.8	932.0
20°	767.3	774.9	781.7	790.1	802.1	825.9	850.5	869.2	884.5	897.2	900.7
22.5°	709.4	716.3	724.7	731.5	740.0	757.0	777.4	798.6	822.4	830.1	838.6
25°	639.8	644.0	655.9	660.2	666.1	680.6	696.7	712.0	734.9	751.1	755.4
27.5°	565.0	569.2	580.3	582.9	590.5	604.1	616.0	622.0	643.2	660.2	673.8
30°	478.3	489.4	503.0	504.7	513.2	521.7	532.7	538.7	558.2	576.1	593.0
32.5°	403.5	414.6	425.7	432.5	436.7	443.5	454.5	460.5	479.2	495.4	512.4
35°	327.1	340.7	352.6	362.0	365.3	373.9	382.3	388.3	407.8	422.2	434.1
37.5°	269.3	279.5	292.3	301.6	311.0	316.9	327.1	335.6	347.5	355.2	367.9
40°	241.3	246.4	253.2	260.8	268.5	275.3	282.9	289.8	297.4	307.5	316.1
42.5°	231.9	232.8	232.8	235.4	239.6	243.0	249.8	254.9	260.0	267.6	271.9
45°	225.1	224.3	222.6	220.9	221.8	223.4	227.7	231.1	237.0	240.5	241.3
47.5°	221.8	218.3	215.0	212.4	211.5	212.4	215.8	219.2	222.6	225.1	226.0
50°	210.7	208.2	203.1	199.6	198.0	199.6	203.9	205.6	209.0	211.5	212.4
52.5°	199.6	196.3	192.8	189.5	189.5	190.3	193.7	197.1	200.6	201.4	203.1
55°	192.8	187.8	184.4	181.9	180.1	182.7	185.2	189.5	193.7	194.6	196.3
57.5°	186.0	180.9	177.6	175.1	173.3	175.9	178.4	184.4	189.5	189.5	189.5
60°	181.9	177.6	172.5	170.0	167.3	170.0	173.3	179.3	184.4	183.5	182.7
62.5°	170.0	165.7	163.2	163.2	160.6	164.8	168.2	175.1	175.9	174.1	172.5
63°	166.5	163.2	161.4	161.4	159.7	164.0	167.3	173.3	173.3	171.6	170.0
65°	158.0	155.4	153.8	155.4	155.4	159.7	160.6	164.8	164.0	161.4	160.6
67.5°	151.3	149.5	147.8	147.8	147.8	148.7	149.5	151.3	150.4	149.5	150.4
70°	140.2	139.3	137.7	137.7	136.7	136.7	136.7	137.7	137.7	138.5	139.3
72.5°	126.6	124.9	124.9	125.8	124.0	124.9	125.8	124.9	126.6	126.6	127.4
75°	111.3	110.4	112.2	113.9	113.0	113.0	113.9	113.9	114.7	114.7	115.5
77.5°	99.4	100.3	101.1	102.8	103.6	103.6	103.6	102.8	103.6	103.6	104.5
80°	88.4	90.0	91.7	93.5	94.3	94.3	94.3	93.5	93.5	93.5	93.5
82.5°	79.9	82.4	84.1	84.9	84.9	84.9	84.9	84.9	84.9	83.3	81.6
85°	67.2	72.2	72.2	73.0	70.5	68.8	67.2	68.0	68.8	65.4	64.6
87.5°	34.0	34.0	35.7	37.4	38.2	38.2	43.3	40.7	39.9	39.1	37.4
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°	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3
2.5°	905.7	904.8	906.5	904.8	905.7	906.5	904.8	907.4	909.1	906.5	904.0
5°	924.4	924.4	928.7	930.3	931.2	936.3	933.8	935.4	937.1	936.3	937.1
7.5°	936.3	939.7	943.9	948.2	949.0	953.3	952.5	955.0	956.7	960.9	960.9
10°	946.5	950.7	956.7	960.9	965.2	968.6	970.2	975.4	976.2	979.6	979.6
12.5°	955.8	960.9	966.9	973.7	978.0	984.8	985.6	993.2	995.7	996.7	994.1
15°	954.1	960.1	966.9	974.5	982.1	990.7	995.7	1003.4	1007.6	1009.4	1005.1
17.5°	938.0	943.1	951.6	961.8	971.2	982.1	991.5	1002.6	1009.4	1011.1	1010.2
20°	906.5	910.0	921.0	934.6	945.7	962.6	976.2	993.2	1004.3	1012.8	1015.4
22.5°	844.6	853.0	864.1	879.4	895.5	916.7	936.3	960.9	984.8	1005.1	1025.5
25°	769.8	785.0	802.1	822.4	842.0	864.1	886.1	914.2	949.0	991.5	1039.9
27.5°	694.1	720.5	741.8	768.1	791.0	813.1	837.8	868.3	906.5	957.5	1019.5
30°	617.7	647.4	670.3	700.9	731.5	761.3	785.9	818.2	855.5	907.4	975.4
32.5°	536.1	565.9	593.0	621.1	655.1	690.8	720.5	760.4	800.4	853.9	922.7
35°	452.0	478.3	501.3	531.0	568.4	606.6	645.7	691.6	734.9	791.0	864.1
37.5°	379.0	397.6	419.7	446.0	475.0	515.7	559.9	614.3	663.5	724.7	799.5
40°	318.6	328.8	341.6	363.6	390.0	430.0	473.2	531.0	590.5	657.6	729.9
42.5°	271.9	277.0	280.4	294.8	316.1	355.2	396.7	452.8	518.2	591.4	664.4
45°	241.3	243.8	244.7	252.4	267.6	301.6	344.9	392.6	455.4	526.8	603.3
47.5°	226.9	229.4	231.1	232.8	242.1	268.5	307.5	352.6	410.3	475.8	554.0
50°	215.0	217.5	220.1	219.2	223.4	240.5	273.6	315.3	369.6	430.0	507.3
52.5°	203.1	204.7	204.7	204.7	207.4	218.3	242.1	280.4	330.5	387.4	463.9
55°	196.3	198.0	198.8	199.6	200.6	206.4	224.3	254.9	298.2	350.9	419.7
57.5°	189.5	190.3	192.0	192.8	194.6	198.0	209.0	231.1	267.6	311.8	369.6
60°	183.5	185.2	188.7	189.5	191.2	192.0	197.1	210.7	234.5	268.5	315.3
62.5°	174.1	176.7	180.1	180.9	182.7	183.5	184.4	192.0	203.1	223.4	258.3
63°	171.6	174.1	178.4	179.3	180.1	180.1	180.9	186.0	196.3	214.1	239.6
65°	162.2	165.7	168.2	169.1	170.0	170.0	169.1	170.8	171.6	179.3	194.6
67.5°	152.1	154.6	156.4	157.2	156.4	157.2	156.4	154.6	152.9	154.6	161.4
70°	141.9	143.6	143.6	144.5	145.3	146.1	144.5	142.7	141.0	140.2	144.5
72.5°	130.0	131.7	131.7	132.6	132.6	134.2	134.2	133.4	133.4	134.2	135.1
75°	118.1	119.8	119.0	120.7	120.7	123.2	123.2	124.0	125.8	124.9	124.0
77.5°	107.1	107.9	107.9	108.7	109.6	113.9	116.4	117.2	117.2	115.5	113.9
80°	95.2	95.2	93.5	92.7	93.5	97.7	102.8	103.6	106.2	105.4	106.2
82.5°	79.9	76.5	74.0	74.0	75.6	78.1	79.9	81.6	83.3	83.3	84.9
85°	61.2	57.8	55.3	56.1	58.6	59.4	58.6	58.6	62.0	64.6	62.0
87.5°	36.6	33.1	31.4	28.9	29.8	32.3	31.4	28.9	29.8	23.8	22.0
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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3
2.5°	905.7	904.8	903.2	900.7	899.7	898.1	898.9	896.4	894.7	892.9	890.4
5°	937.1	937.1	932.0	932.0	929.5	928.7	922.7	920.2	915.1	916.7	910.8
7.5°	959.3	961.8	955.8	955.0	951.6	950.7	943.1	940.6	936.3	934.6	929.5
10°	975.4	975.4	967.7	961.8	957.5	953.3	945.7	942.2	938.9	939.7	936.3
12.5°	988.1	982.1	971.2	962.6	956.7	952.5	946.5	943.9	943.1	949.0	949.9
15°	998.3	989.9	976.2	970.2	965.2	964.4	964.4	966.9	972.8	983.9	992.4
17.5°	1004.3	999.2	992.4	990.7	999.2	1004.3	1011.1	1018.7	1027.2	1042.5	1051.8
20°	1015.4	1018.7	1023.8	1030.6	1044.2	1056.9	1065.4	1076.5	1086.7	1105.4	1120.7
22.5°	1044.2	1063.7	1079.9	1093.5	1113.9	1131.7	1142.8	1158.1	1165.7	1178.4	1202.2
25°	1081.6	1121.5	1155.5	1184.4	1215.8	1234.5	1249.8	1269.3	1281.2	1302.5	1323.7
27.5°	1070.5	1127.4	1178.4	1232.0	1275.3	1323.7	1357.7	1390.0	1410.4	1441.9	1469.9
30°	1036.6	1104.6	1173.3	1243.8	1312.7	1382.3	1446.9	1505.6	1550.6	1595.6	1641.5
32.5°	990.7	1068.8	1152.9	1239.6	1329.7	1426.5	1515.7	1604.1	1678.9	1744.3	1808.0
35°	938.0	1026.3	1113.9	1220.9	1332.2	1455.5	1579.5	1701.8	1815.6	1931.2	2009.4
37.5°	875.2	965.2	1062.9	1186.1	1316.9	1469.0	1627.1	1786.8	1948.2	2103.7	2238.8
40°	808.0	899.7	1002.6	1135.9	1283.8	1460.5	1657.6	1872.6	2094.3	2319.5	2498.8
42.5°	748.6	842.8	955.0	1090.1	1250.7	1449.5	1682.2	1946.5	2217.5	2496.2	2759.6
45°	690.8	794.4	912.5	1057.8	1236.2	1458.0	1718.8	2015.4	2328.0	2666.2	2987.3
47.5°	638.9	744.3	859.0	1017.9	1215.0	1462.2	1754.5	2084.1	2432.5	2798.7	3180.2
50°	592.2	694.1	807.2	966.9	1181.9	1459.6	1786.8	2146.2	2522.5	2903.2	3328.9
52.5°	546.3	650.0	765.5	917.6	1141.0	1445.2	1802.1	2197.1	2605.8	3008.6	3448.7
55°	501.3	603.3	719.6	870.9	1087.5	1407.8	1800.4	2230.2	2672.1	3107.9	3564.2
57.5°	448.6	545.5	659.4	819.1	1030.6	1350.1	1774.9	2245.6	2729.0	3206.5	3702.7
60°	383.2	474.0	583.7	743.4	955.8	1276.2	1721.3	2237.1	2762.2	3279.6	3820.8
62.5°	302.5	381.5	481.8	638.1	862.4	1170.0	1621.1	2159.7	2709.5	3269.4	3876.0
63°	285.5	360.3	458.0	612.6	822.4	1141.0	1591.4	2129.2	2684.0	3248.1	3868.4
65°	229.4	277.9	356.0	494.5	688.2	999.2	1443.5	1972.0	2547.2	3098.6	3757.9
67.5°	175.9	200.6	242.1	339.0	486.8	785.9	1169.1	1671.3	2210.7	2729.0	3402.0
70°	150.4	161.4	179.3	225.1	309.3	496.2	820.7	1246.4	1713.7	2163.2	2768.1
72.5°	136.7	141.9	151.3	170.8	212.4	297.4	523.4	811.4	1165.7	1542.1	2009.4
75°	125.8	130.0	137.7	147.8	163.2	198.0	298.2	496.2	757.9	1012.8	1356.0
77.5°	114.7	117.2	125.8	135.1	145.3	163.2	197.1	285.5	435.8	597.3	817.3
80°	105.4	103.6	109.6	124.9	135.1	145.3	155.4	185.2	248.1	327.1	441.8
82.5°	84.1	85.8	90.9	106.2	110.4	107.9	109.6	114.7	138.5	151.3	226.0
85°	56.9	52.7	51.8	53.5	53.5	51.0	51.0	50.1	55.3	62.9	107.9
87.5°	15.3	7.6	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°	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	0°
2.5°	888.7	887.9	888.7	884.5	884.5	883.6	882.8	881.0	881.0	877.7	880.2	2.5°
5°	905.7	904.0	900.7	895.5	892.9	889.6	889.6	886.1	883.6	880.2	881.0	5°
7.5°	925.2	926.1	920.2	915.9	914.2	910.8	911.6	906.5	907.4	904.8	903.2	7.5°
10°	936.3	936.3	938.0	937.1	938.9	938.9	941.4	938.0	936.3	933.8	933.8	10°
12.5°	954.1	957.5	964.4	964.4	969.4	971.2	972.0	973.7	970.2	968.6	962.6	12.5°
15°	998.3	1006.8	1012.8	1021.2	1031.4	1034.9	1034.9	1031.4	1029.8	1027.2	1016.2	15°
17.5°	1071.4	1090.1	1095.2	1108.8	1110.4	1114.7	1126.6	1119.8	1115.5	1097.7	1094.3	17.5°
20°	1146.1	1170.0	1193.8	1210.7	1219.3	1236.2	1238.8	1235.4	1218.3	1201.4	1193.8	20°
22.5°	1236.2	1271.9	1299.1	1325.4	1338.1	1346.7	1365.4	1361.1	1347.5	1322.1	1311.8	22.5°
25°	1363.6	1407.8	1436.8	1469.0	1486.0	1494.5	1513.2	1513.2	1498.8	1491.1	1490.2	25°
27.5°	1524.3	1578.6	1626.2	1637.2	1681.4	1691.6	1709.5	1709.5	1695.8	1686.5	1731.5	27.5°
30°	1702.7	1759.5	1842.0	1897.2	1950.8	2003.5	2002.6	2006.0	2022.2	2030.6	2050.2	30°
32.5°	1881.1	1951.6	2039.1	2158.9	2273.6	2371.4	2497.9	2578.6	2554.0	2485.1	2458.0	32.5°
35°	2097.8	2175.9	2282.2	2402.8	2612.7	2739.2	2800.4	2843.7	2848.9	2858.2	2877.7	35°
37.5°	2339.1	2469.9	2593.0	2729.9	2846.2	3000.0	3142.0	3255.8	3282.2	3335.6	3305.0	37.5°
40°	2644.0	2790.2	2919.4	3096.0	3252.4	3437.6	3640.7	3797.0	3859.9	3839.5	3686.5	40°
42.5°	2963.6	3144.5	3295.7	3503.9	3706.9	3951.7	4161.5	4379.8	4418.9	4261.8	4033.2	42.5°
45°	3257.5	3481.8	3669.6	3886.3	4134.4	4427.5	4707.8	4932.1	4924.5	4655.1	4349.2	45°
47.5°	3521.7	3797.0	4026.4	4308.5	4575.3	4924.5	5246.5	5412.1	5314.5	4995.8	4621.1	47.5°
50°	3740.1	4083.4	4366.3	4651.7	4990.7	5411.3	5721.4	5814.9	5626.3	5279.7	4885.4	50°
52.5°	3915.9	4346.7	4664.5	4993.3	5421.5	5864.1	6130.9	6096.1	5852.3	5496.3	5103.8	52.5°
55°	4064.7	4548.1	4927.0	5315.3	5846.4	6254.2	6431.8	6338.3	5997.5	5636.5	5253.2	55°
57.5°	4218.4	4743.5	5168.3	5618.6	6210.0	6560.0	6658.6	6466.6	6066.4	5690.0	5317.9	57.5°
60°	4372.2	4906.6	5381.6	5883.8	6485.2	6809.8	6782.6	6495.5	6046.0	5650.9	5274.5	60°
62.5°	4475.8	5003.5	5505.6	6046.8	6691.7	6937.3	6770.7	6392.6	5927.9	5497.1	5145.3	62.5°
63°	4478.4	5006.9	5513.2	6057.9	6714.6	6941.5	6747.8	6356.1	5890.5	5465.7	5107.1	63°
65°	4424.9	4943.2	5445.3	6007.8	6695.1	6843.8	6549.8	6140.3	5677.2	5248.2	4908.3	65°
67.5°	4151.3	4679.7	5123.3	5653.4	6345.1	6387.6	6019.7	5689.2	5272.9	4828.5	4473.3	67.5°
70°	3599.9	4039.2	4474.2	4916.9	5497.1	5489.5	5143.7	4975.5	4611.0	4104.6	3819.9	70°
72.5°	2863.3	3257.5	3563.4	3859.9	4242.3	4164.9	3942.3	3989.0	3752.9	3374.7	3205.7	72.5°
75°	2125.8	2559.1	2708.7	2829.3	2990.7	2991.6	3052.8	3185.3	3181.9	2972.0	2758.7	75°
77.5°	1394.2	1868.4	1918.4	2015.4	2209.0	2472.4	2744.3	3036.6	3109.7	2944.0	2628.8	77.5°
80°	777.4	1270.2	1212.5	1295.7	1504.7	1862.4	2263.5	2586.2	2776.6	2684.0	2350.1	80°
82.5°	397.6	732.4	700.1	815.6	984.8	1295.7	1560.8	1808.8	2033.1	2020.4	1893.9	82.5°
85°	206.4	401.0	456.3	516.6	601.6	712.8	813.1	885.3	978.8	1143.6	1199.7	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.8	0.0	61.2	44.2	121.5	173.3	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°
891.3	891.3	891.3	891.3	891.3	891.3	891.3
881.0	882.0	880.2	880.2	881.0	881.0	879.4
879.4	879.4	877.7	876.0	874.2	874.2	872.6
898.9	898.9	892.9	890.4	886.1	882.8	881.0
927.8	922.7	915.9	910.8	904.0	896.4	892.1
956.7	949.0	940.6	932.9	924.4	915.9	911.6
1004.3	994.1	983.0	973.7	961.8	949.0	943.9
1077.3	1061.2	1046.7	1033.1	1011.9	1002.6	992.4
1174.2	1150.4	1131.7	1108.8	1082.4	1074.0	1061.2
1291.4	1271.1	1233.7	1216.7	1190.3	1177.6	1180.1
1469.9	1443.5	1400.2	1384.0	1381.5	1353.5	1339.9
1702.7	1704.4	1664.5	1621.1	1597.3	1553.1	1497.0
2034.1	2011.1	1964.4	1920.2	1864.1	1780.8	1687.4
2435.1	2384.1	2306.7	2224.4	2124.9	1996.7	1865.8
2826.7	2737.5	2614.3	2476.7	2333.1	2173.4	1988.1
3170.8	3032.3	2848.0	2690.0	2486.9	2287.2	2061.2
3485.2	3313.6	3075.6	2870.9	2631.3	2374.7	2107.1
3789.3	3571.8	3280.4	3003.5	2732.4	2433.3	2129.2
4079.1	3798.7	3453.0	3123.3	2806.3	2471.6	2132.6
4301.7	3995.8	3607.6	3209.9	2857.3	2500.5	2132.6
4508.1	4162.4	3725.6	3277.9	2904.9	2520.0	2134.2
4668.8	4279.6	3802.1	3326.3	2942.3	2534.4	2142.0
4785.1	4356.0	3853.0	3356.0	2969.5	2554.8	2158.9
4866.7	4406.2	3881.1	3382.3	3002.6	2590.5	2206.5
4905.8	4498.8	3927.8	3435.1	3059.6	2666.2	2301.7
4876.0	4642.4	4061.2	3524.3	3138.5	2784.2	2453.8
4863.3	4668.8	4097.8	3543.8	3156.4	2809.7	2506.4
4763.9	4695.1	4248.2	3642.3	3241.3	2922.7	2653.4
4455.5	4591.4	4374.7	3808.9	3424.0	3197.1	2927.8
4056.1	4437.6	4351.8	3830.2	3540.4	3422.3	3101.1
3577.8	3972.9	3893.0	3547.2	3412.1	3424.9	3056.1
2815.6	3112.2	3059.6	2938.1	2965.2	3058.7	2617.7
2255.7	2215.8	2094.3	2102.8	2260.0	2369.6	1884.5
1842.9	1491.9	1334.0	1338.1	1612.6	1726.4	1200.6
1753.7	1411.3	1149.6	1004.3	1173.3	1130.1	627.1
1248.9	1251.5	1038.2	843.7	817.3	695.0	390.8
295.6	237.0	169.1	125.8	132.6	87.5	44.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)