

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: P181151

Luminaire Tested: **ICS-F04-LED-E1-SLR-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181151
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-F04-LED-E1-SLR-7030
Description: ICON SITE SMALL LED LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (28) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7553 lumens
Efficiency: N/A
Efficacy: 73.9 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): 102.2
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



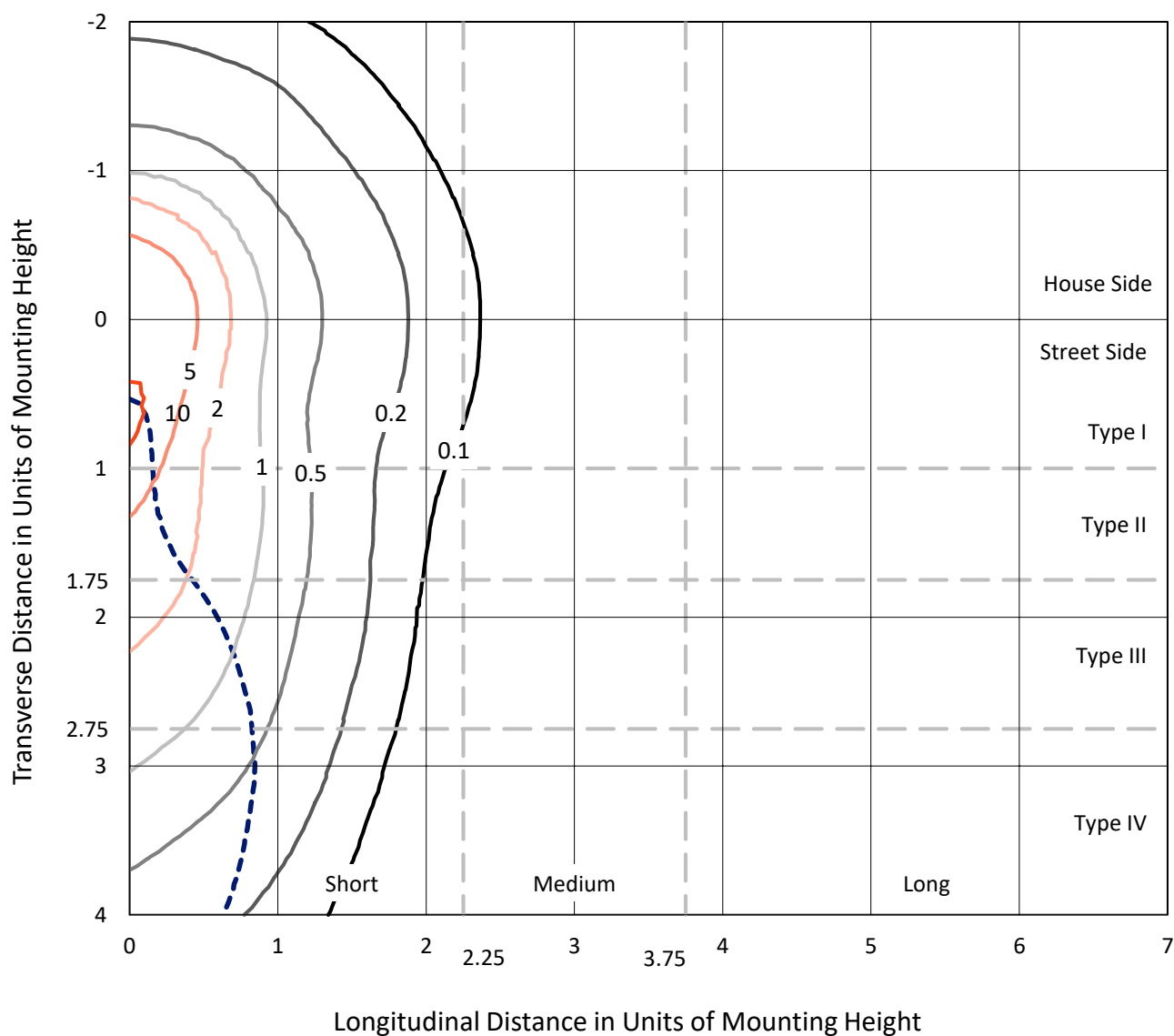
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

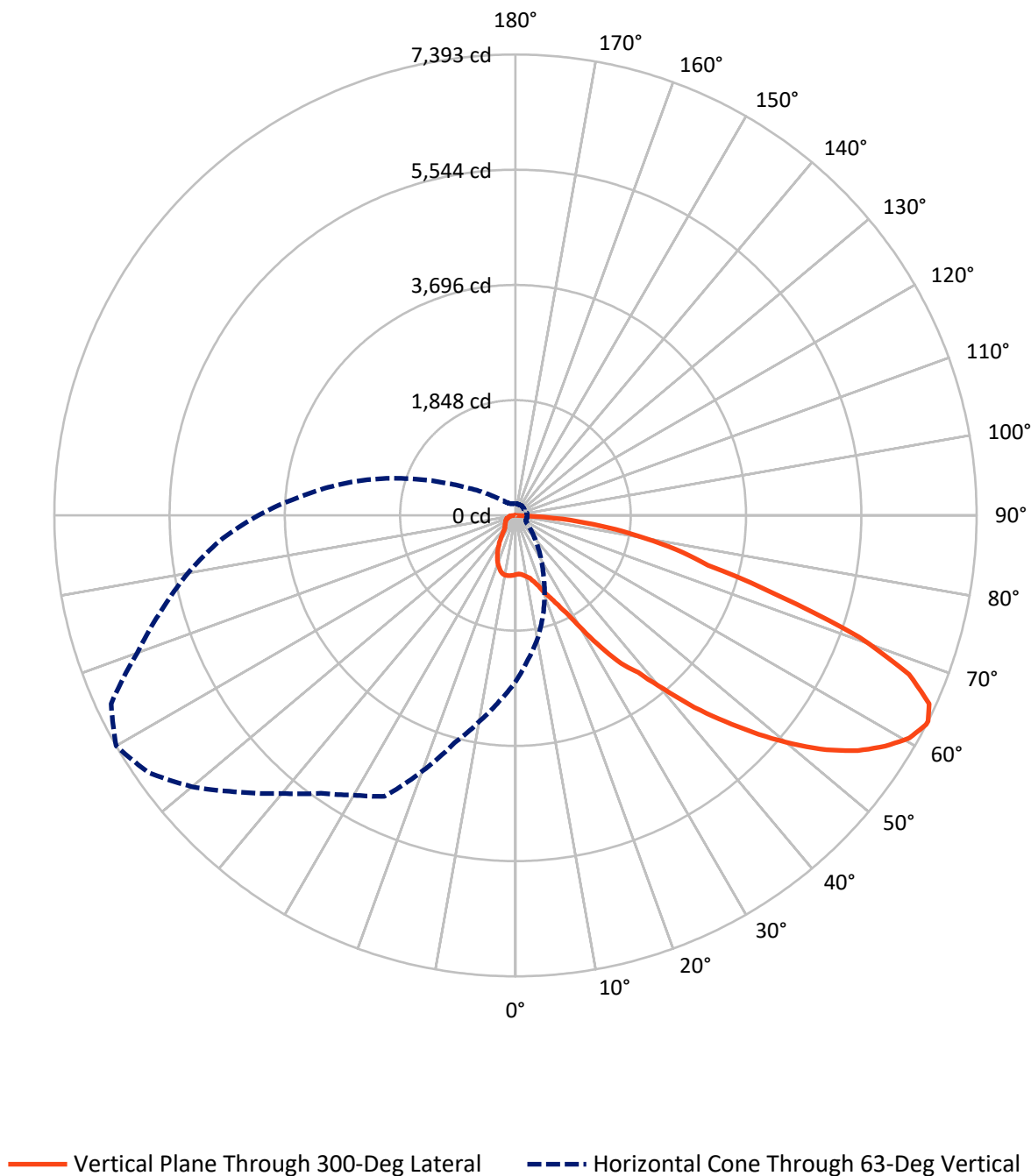


Based on 10 foot mounting height. Maximum calculated value = 11.9 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1637.8	0.0	1637.8
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	5915.2	0.0	5915.2
	% Fixture	78.3	0.0	78.3
Total	Lumens	7553.0	0.0	7553.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.4	1.2
10°-20°	287.8	3.8
20°-30°	511.2	6.8
30°-40°	805.1	10.7
40°-50°	1184.8	15.7
50°-60°	1573.7	20.8
60°-70°	1733.5	23.0
70°-80°	1087.6	14.4
80°-90°	277.0	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°	7553.0	100.0
0°-180°	7553.0	100.0

Coefficient of Utilization



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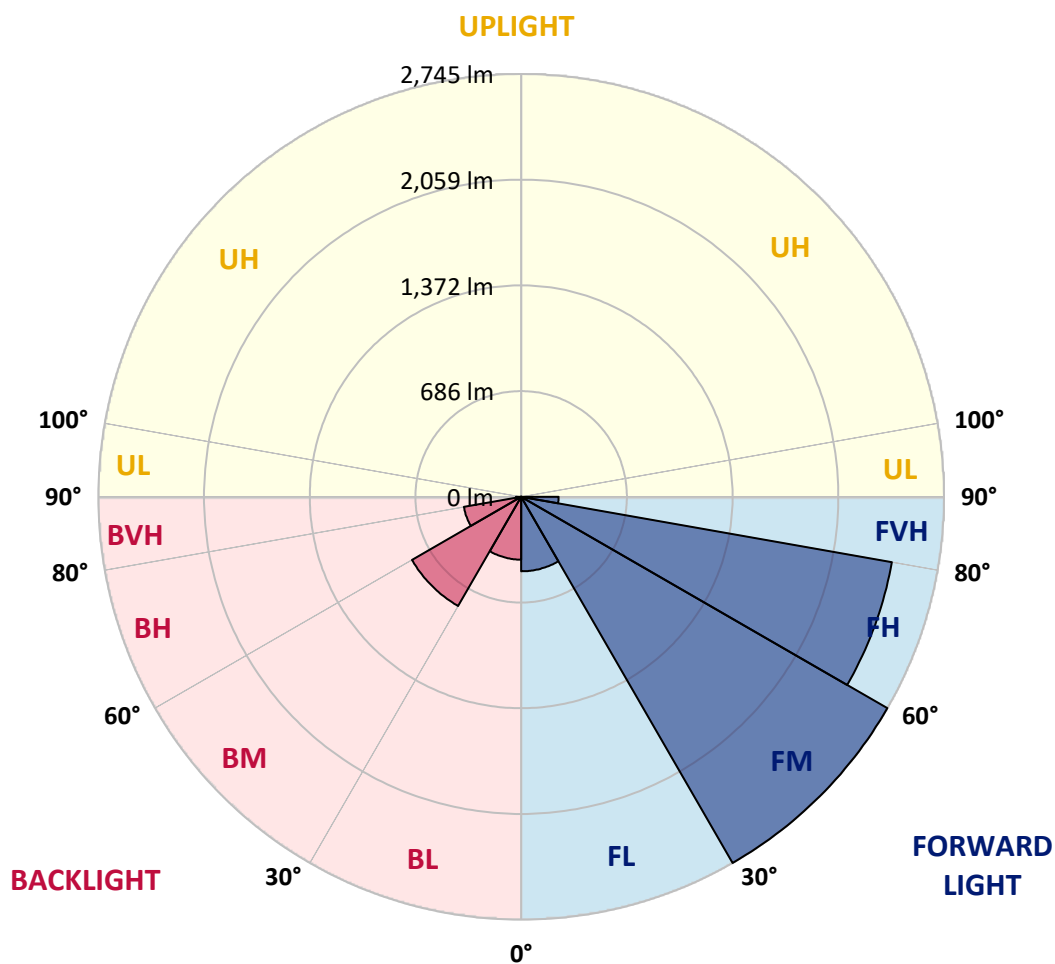
CATALOG NUMBER: ICS-F04-LED-E1-SLR-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	483.6	6.4			
FM	(30°-60°)	2745.0	36.3			
FH	(60°-80°)	2443.5	32.4			G2/5000
FVH	(80°-90°)	243.1	3.2			G3/500
BL	(0°-30°)	407.8	5.4	B1/500		
BM	(30°-60°)	818.6	10.8	B1/1000		
BH	(60°-80°)	377.5	5.0	B1/500		G1/500
BVH	(80°-90°)	33.9	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°	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2
2.5°	936.5	939.2	938.3	938.3	940.1	939.2	939.2	940.1	940.1	942.8	946.5
5°	929.3	928.4	926.6	928.4	928.4	928.4	924.7	927.5	928.4	930.2	930.2
7.5°	938.3	935.6	932.0	932.9	932.9	931.1	928.4	929.3	928.4	928.4	927.5
10°	950.1	943.7	939.2	939.2	939.2	937.4	932.9	935.6	935.6	934.7	935.6
12.5°	970.9	963.7	958.2	956.4	956.4	953.7	950.1	953.7	951.9	951.9	950.1
15°	1005.3	997.1	990.8	985.4	986.3	986.3	981.8	979.0	975.4	970.9	961.8
17.5°	1056.9	1047.8	1039.7	1035.1	1036.0	1029.7	1017.0	1004.4	987.2	970.0	951.0
20°	1130.1	1127.4	1116.6	1112.1	1101.2	1085.8	1050.5	1020.7	987.2	954.6	922.0
22.5°	1256.8	1244.2	1233.3	1216.1	1179.9	1137.4	1078.6	1026.1	973.6	927.5	884.0
25°	1426.9	1404.3	1350.9	1298.4	1224.3	1148.2	1068.6	1000.8	935.6	875.0	821.6
27.5°	1594.3	1525.6	1430.6	1335.5	1227.0	1127.4	1027.9	947.4	871.4	805.3	746.5
30°	1797.0	1681.2	1535.5	1385.3	1231.5	1097.6	978.1	884.0	796.3	726.6	665.1
32.5°	1987.0	1819.6	1628.7	1431.5	1241.4	1069.5	921.1	814.4	723.9	636.1	575.5
35°	2117.3	1900.2	1668.5	1436.0	1217.0	1016.1	849.6	723.9	633.4	552.0	480.5
37.5°	2195.1	1935.5	1670.3	1403.4	1160.0	943.7	759.2	634.3	551.0	473.2	417.1
40°	2244.0	1943.6	1646.8	1356.4	1087.6	852.4	668.7	556.5	480.5	418.0	374.6
42.5°	2267.5	1930.9	1608.8	1296.6	1014.3	770.9	605.3	499.5	433.4	389.1	356.5
45°	2271.2	1908.3	1568.1	1242.3	949.2	712.1	561.9	475.9	421.7	384.6	352.0
47.5°	2271.2	1888.4	1535.5	1202.5	906.7	686.8	558.3	485.9	432.5	390.9	352.0
50°	2273.0	1882.1	1521.9	1182.6	892.2	700.3	589.1	516.7	456.0	401.7	351.1
52.5°	2281.1	1890.2	1532.8	1198.0	918.4	754.6	647.0	562.8	486.8	414.4	351.1
55°	2299.2	1917.4	1578.9	1251.4	989.0	837.0	716.6	612.6	511.2	419.8	345.6
57.5°	2349.9	1986.1	1663.1	1354.5	1109.3	932.0	780.0	647.9	520.3	415.3	334.8
60°	2451.2	2122.8	1807.0	1499.3	1236.9	1013.4	817.1	653.3	512.1	400.8	317.6
62.5°	2613.2	2279.3	1981.6	1656.8	1350.0	1058.7	821.6	639.7	490.4	374.6	292.3
63°	2669.3	2318.2	2018.7	1686.6	1364.5	1062.3	818.0	634.3	485.0	367.4	288.6
65°	2825.8	2482.0	2147.2	1791.6	1405.2	1063.2	798.1	607.1	459.7	339.3	263.3
67.5°	3118.1	2697.3	2309.2	1873.9	1419.7	1034.2	747.4	556.5	406.3	295.9	231.6
70°	3302.7	2817.7	2371.6	1875.7	1377.2	951.9	659.6	474.1	338.4	245.2	199.1
72.5°	3254.7	2699.1	2206.9	1706.5	1193.5	795.4	530.2	372.8	264.2	196.4	165.6
75°	2787.8	2246.7	1800.6	1322.0	902.1	584.5	388.2	266.0	195.4	153.8	138.4
77.5°	2006.9	1617.0	1291.2	941.9	608.1	378.2	257.9	190.0	148.4	126.7	114.0
80°	1278.5	948.3	789.9	566.4	355.6	234.4	177.3	143.9	122.2	105.9	97.7
82.5°	667.8	467.8	380.0	289.5	197.3	154.7	130.3	117.6	100.4	87.8	83.2
85°	416.2	276.0	204.5	143.0	98.6	88.7	81.4	79.6	71.5	63.3	60.6
87.5°	47.1	42.5	44.3	28.1	20.8	22.6	21.7	29.0	28.1	20.8	21.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2
2.5°	942.8	944.7	944.7	947.4	947.4	949.2	951.0	951.0	952.8	953.7	955.5
5°	932.0	932.0	932.0	935.6	936.5	941.9	943.7	945.6	947.4	953.7	957.3
7.5°	929.3	925.7	927.5	927.5	930.2	934.7	939.2	941.9	944.7	952.8	958.2
10°	934.7	932.0	929.3	929.3	930.2	932.0	935.6	938.3	940.1	948.3	952.8
12.5°	949.2	942.8	937.4	932.9	929.3	928.4	926.6	927.5	929.3	933.8	940.1
15°	951.9	940.1	928.4	916.6	907.6	902.1	897.6	895.8	895.8	898.5	905.7
17.5°	933.8	913.9	896.7	881.3	871.4	861.4	856.9	853.3	851.5	855.1	856.0
20°	894.9	871.4	847.8	829.7	811.6	808.9	801.7	803.5	805.3	810.7	813.5
22.5°	841.5	813.5	784.5	765.5	751.0	738.4	730.2	733.8	736.5	742.0	744.7
25°	776.4	735.6	704.9	685.9	670.5	659.6	650.6	654.2	650.6	656.9	666.9
27.5°	699.4	651.5	618.9	597.2	586.3	577.3	568.2	568.2	577.3	577.3	585.4
30°	606.2	571.0	528.4	505.8	492.2	486.8	485.9	484.1	490.4	494.0	503.1
32.5°	518.5	475.0	434.3	412.6	400.8	394.5	395.4	396.3	399.0	404.5	418.9
35°	429.8	391.8	362.8	338.4	326.6	314.9	314.9	313.1	315.8	322.1	339.3
37.5°	372.8	339.3	316.7	297.7	285.9	278.7	272.4	269.6	269.6	272.4	278.7
40°	341.1	316.7	295.9	279.6	268.7	262.4	258.8	256.1	254.3	254.3	255.2
42.5°	326.6	301.3	280.5	266.0	257.9	254.3	253.4	252.5	249.7	248.8	247.9
45°	319.4	290.5	266.9	255.2	248.8	247.0	247.9	247.9	247.0	245.2	241.6
47.5°	314.0	280.5	257.0	246.1	243.4	243.4	243.4	243.4	242.5	241.6	238.9
50°	304.9	265.1	239.8	231.6	229.8	229.8	230.7	230.7	232.5	230.7	228.9
52.5°	295.0	250.6	225.3	218.1	217.2	216.3	216.3	216.3	217.2	217.2	216.3
55°	284.1	239.8	218.1	212.6	213.5	212.6	211.7	210.8	210.8	209.9	208.1
57.5°	273.3	230.7	212.6	209.0	209.9	209.9	208.1	206.3	205.4	202.7	200.9
60°	257.0	218.1	201.8	200.0	202.7	202.7	202.7	201.8	201.8	200.9	196.4
62.5°	235.3	200.0	187.3	188.2	189.1	190.9	190.9	190.9	190.9	189.1	184.6
63°	230.7	196.4	184.6	184.6	187.3	187.3	188.2	187.3	188.2	186.4	181.0
65°	212.6	184.6	175.5	176.4	178.3	178.3	178.3	177.3	177.3	174.6	171.9
67.5°	191.8	170.1	164.7	165.6	166.5	168.3	167.4	167.4	168.3	166.5	163.8
70°	168.3	154.7	151.1	152.0	152.9	152.9	152.0	152.0	152.9	151.1	148.4
72.5°	150.2	144.8	142.1	142.1	140.3	140.3	138.4	137.5	136.6	136.6	133.9
75°	126.7	125.8	126.7	128.5	126.7	124.9	124.0	121.2	119.4	119.4	118.5
77.5°	108.6	108.6	110.4	113.1	114.0	114.0	111.3	106.8	105.9	105.9	105.9
80°	94.1	92.3	92.3	95.0	97.7	96.8	92.3	87.8	87.8	92.3	93.2
82.5°	82.3	82.3	79.6	80.5	79.6	78.7	74.2	71.5	70.6	74.2	77.8
85°	65.1	66.1	65.1	64.2	63.3	60.6	57.0	54.3	53.4	57.0	62.4
87.5°	26.2	25.3	24.4	25.3	24.4	26.2	25.3	23.5	22.6	25.3	30.8
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°	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2
2.5°	956.4	958.2	960.0	960.0	961.8	960.9	961.8	962.8	962.8	963.7	963.7
5°	961.8	964.6	968.2	971.8	972.7	975.4	978.1	976.3	979.0	982.7	982.7
7.5°	963.7	970.0	972.7	978.1	979.0	982.7	989.0	984.5	989.9	992.6	993.5
10°	960.9	967.3	971.8	978.1	980.8	987.2	993.5	991.7	998.0	1002.6	1003.5
12.5°	944.7	951.0	960.9	970.0	977.2	987.2	998.9	995.3	1004.4	1009.8	1012.5
15°	913.0	919.3	930.2	944.7	958.2	973.6	989.0	991.7	1000.8	1007.1	1009.8
17.5°	863.2	871.4	883.1	898.5	915.7	941.9	961.8	971.8	984.5	988.1	992.6
20°	817.1	825.2	832.5	841.5	854.2	879.5	905.7	925.7	941.9	955.5	959.1
22.5°	755.5	762.8	771.8	779.1	788.1	806.2	827.9	850.6	875.9	884.0	893.1
25°	681.3	685.9	698.5	703.1	709.4	724.8	742.0	758.3	782.7	799.9	804.4
27.5°	601.7	606.2	618.0	620.7	628.9	643.3	656.0	662.3	685.0	703.1	717.5
30°	509.4	521.2	535.7	537.5	546.5	555.6	567.3	573.7	594.5	613.5	631.6
32.5°	429.8	441.6	453.3	460.6	465.1	472.3	484.1	490.4	510.3	527.5	545.6
35°	348.4	362.8	375.5	385.5	389.1	398.1	407.2	413.5	434.3	449.7	462.4
37.5°	286.8	297.7	311.3	321.2	331.2	337.5	348.4	357.4	370.1	378.2	391.8
40°	257.0	262.4	269.6	277.8	285.9	293.2	301.3	308.6	316.7	327.6	336.6
42.5°	247.0	247.9	247.9	250.6	255.2	258.8	266.0	271.5	276.9	285.0	289.5
45°	239.8	238.9	237.1	235.3	236.2	238.0	242.5	246.1	252.5	256.1	257.0
47.5°	236.2	232.5	228.9	226.2	225.3	226.2	229.8	233.4	237.1	239.8	240.7
50°	224.4	221.7	216.3	212.6	210.8	212.6	217.2	219.0	222.6	225.3	226.2
52.5°	212.6	209.0	205.4	201.8	201.8	202.7	206.3	209.9	213.5	214.4	216.3
55°	205.4	200.0	196.4	193.6	191.8	194.5	197.3	201.8	206.3	207.2	209.0
57.5°	198.2	192.7	189.1	186.4	184.6	187.3	190.0	196.4	201.8	201.8	201.8
60°	193.6	189.1	183.7	181.0	178.3	181.0	184.6	190.9	196.4	195.4	194.5
62.5°	181.0	176.4	173.7	173.7	171.0	175.5	179.2	186.4	187.3	185.5	183.7
63°	177.3	173.7	171.9	171.9	170.1	174.6	178.3	184.6	184.6	182.8	181.0
65°	168.3	165.6	163.8	165.6	165.6	170.1	171.0	175.5	174.6	171.9	171.0
67.5°	161.1	159.3	157.4	157.4	157.4	158.3	159.3	161.1	160.2	159.3	160.2
70°	149.3	148.4	146.6	146.6	145.7	145.7	145.7	146.6	146.6	147.5	148.4
72.5°	134.8	133.0	133.0	133.9	132.1	133.0	133.9	133.0	134.8	134.8	135.7
75°	118.5	117.6	119.4	121.2	120.3	120.3	121.2	121.2	122.2	122.2	123.1
77.5°	105.9	106.8	107.7	109.5	110.4	110.4	110.4	109.5	110.4	110.4	111.3
80°	94.1	95.9	97.7	99.5	100.4	100.4	100.4	99.5	99.5	99.5	99.5
82.5°	85.1	87.8	89.6	90.5	90.5	90.5	90.5	90.5	90.5	88.7	86.9
85°	71.5	76.9	76.9	77.8	75.1	73.3	71.5	72.4	73.3	69.7	68.8
87.5°	36.2	36.2	38.0	39.8	40.7	40.7	46.1	43.4	42.5	41.6	39.8
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°	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2
2.5°	964.6	963.7	965.5	963.7	964.6	965.5	963.7	966.4	968.2	965.5	962.8
5°	984.5	984.5	989.0	990.8	991.7	997.1	994.4	996.2	998.0	997.1	998.0
7.5°	997.1	1000.8	1005.3	1009.8	1010.7	1015.2	1014.3	1017.0	1018.9	1023.4	1023.4
10°	1008.0	1012.5	1018.9	1023.4	1027.9	1031.5	1033.3	1038.8	1039.7	1043.3	1043.3
12.5°	1017.9	1023.4	1029.7	1036.9	1041.5	1048.7	1049.6	1057.8	1060.5	1061.4	1058.7
15°	1016.1	1022.5	1029.7	1037.9	1046.0	1055.0	1060.5	1068.6	1073.1	1075.0	1070.4
17.5°	998.9	1004.4	1013.4	1024.3	1034.2	1046.0	1055.9	1067.7	1075.0	1076.8	1075.9
20°	965.5	969.1	980.8	995.3	1007.1	1025.2	1039.7	1057.8	1069.5	1078.6	1081.3
22.5°	899.4	908.5	920.2	936.5	953.7	976.3	997.1	1023.4	1048.7	1070.4	1092.1
25°	819.8	836.1	854.2	875.9	896.7	920.2	943.7	973.6	1010.7	1055.9	1107.5
27.5°	739.3	767.3	789.9	818.0	842.4	865.9	892.2	924.7	965.5	1019.8	1085.8
30°	657.8	689.5	713.9	746.5	779.1	810.7	837.0	871.4	911.2	966.4	1038.8
32.5°	571.0	602.6	631.6	661.4	697.6	735.6	767.3	809.8	852.4	909.4	982.7
35°	481.4	509.4	533.9	565.5	605.3	646.1	687.7	736.5	782.7	842.4	920.2
37.5°	403.6	423.5	447.0	475.0	505.8	549.2	596.3	654.2	706.7	771.8	851.5
40°	339.3	350.2	363.7	387.3	415.3	457.8	504.0	565.5	628.9	700.3	777.3
42.5°	289.5	295.0	298.6	314.0	336.6	378.2	422.6	482.3	552.0	629.8	707.6
45°	257.0	259.7	260.6	268.7	285.0	321.2	367.4	418.0	485.0	561.0	642.4
47.5°	241.6	244.3	246.1	247.9	257.9	285.9	327.6	375.5	437.0	506.7	590.0
50°	228.9	231.6	234.4	233.4	238.0	256.1	291.4	335.7	393.6	457.8	540.2
52.5°	216.3	218.1	218.1	218.1	220.8	232.5	257.9	298.6	352.0	412.6	494.0
55°	209.0	210.8	211.7	212.6	213.5	219.9	238.9	271.5	317.6	373.7	447.0
57.5°	201.8	202.7	204.5	205.4	207.2	210.8	222.6	246.1	285.0	332.1	393.6
60°	195.4	197.3	200.9	201.8	203.6	204.5	209.9	224.4	249.7	285.9	335.7
62.5°	185.5	188.2	191.8	192.7	194.5	195.4	196.4	204.5	216.3	238.0	275.1
63°	182.8	185.5	190.0	190.9	191.8	191.8	192.7	198.2	209.0	228.0	255.2
65°	172.8	176.4	179.2	180.1	181.0	181.0	180.1	181.9	182.8	190.9	207.2
67.5°	162.0	164.7	166.5	167.4	166.5	167.4	166.5	164.7	162.9	164.7	171.9
70°	151.1	152.9	152.9	153.8	154.7	155.6	153.8	152.0	150.2	149.3	153.8
72.5°	138.4	140.3	140.3	141.2	141.2	143.0	143.0	142.1	142.1	143.0	143.9
75°	125.8	127.6	126.7	128.5	128.5	131.2	131.2	132.1	133.9	133.0	132.1
77.5°	114.0	114.9	114.9	115.8	116.7	121.2	124.0	124.9	124.9	123.1	121.2
80°	101.3	101.3	99.5	98.6	99.5	104.1	109.5	110.4	113.1	112.2	113.1
82.5°	85.1	81.4	78.7	78.7	80.5	83.2	85.1	86.9	88.7	88.7	90.5
85°	65.1	61.5	58.8	59.7	62.4	63.3	62.4	62.4	66.1	68.8	66.1
87.5°	38.9	35.3	33.5	30.8	31.7	34.4	33.5	30.8	31.7	25.3	23.5
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°	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2
2.5°	964.6	963.7	961.8	959.1	958.2	956.4	957.3	954.6	952.8	951.0	948.3
5°	998.0	998.0	992.6	992.6	989.9	989.0	982.7	979.9	974.5	976.3	970.0
7.5°	1021.6	1024.3	1017.9	1017.0	1013.4	1012.5	1004.4	1001.7	997.1	995.3	989.9
10°	1038.8	1038.8	1030.6	1024.3	1019.8	1015.2	1007.1	1003.5	999.8	1000.8	997.1
12.5°	1052.3	1046.0	1034.2	1025.2	1018.9	1014.3	1008.0	1005.3	1004.4	1010.7	1011.6
15°	1063.2	1054.1	1039.7	1033.3	1027.9	1027.0	1027.0	1029.7	1036.0	1047.8	1056.9
17.5°	1069.5	1064.1	1056.9	1055.0	1064.1	1069.5	1076.8	1084.9	1094.0	1110.2	1120.2
20°	1081.3	1084.9	1090.3	1097.6	1112.1	1125.6	1134.7	1146.4	1157.3	1177.2	1193.5
22.5°	1112.1	1132.9	1150.1	1164.5	1186.2	1205.2	1217.0	1233.3	1241.4	1255.0	1280.4
25°	1151.9	1194.4	1230.6	1261.3	1294.8	1314.7	1331.0	1351.8	1364.5	1387.1	1409.7
27.5°	1140.1	1200.7	1255.0	1312.0	1358.2	1409.7	1445.9	1480.3	1502.0	1535.5	1565.4
30°	1103.9	1176.3	1249.6	1324.7	1398.0	1472.2	1540.9	1603.4	1651.3	1699.3	1748.2
32.5°	1055.0	1138.3	1227.9	1320.2	1416.1	1519.2	1614.2	1708.3	1788.0	1857.6	1925.5
35°	998.9	1093.0	1186.2	1300.3	1418.8	1550.0	1682.1	1812.4	1933.6	2056.7	2139.9
37.5°	932.0	1027.9	1132.0	1263.2	1402.5	1564.5	1732.8	1902.9	2074.8	2240.4	2384.3
40°	860.5	958.2	1067.7	1209.8	1367.2	1555.4	1765.3	1994.3	2230.4	2470.2	2661.1
42.5°	797.2	897.6	1017.0	1160.9	1331.9	1543.7	1791.6	2073.0	2361.6	2658.4	2938.9
45°	735.6	846.0	971.8	1126.5	1316.5	1552.7	1830.5	2146.3	2479.3	2839.4	3181.4
47.5°	680.4	792.6	914.8	1084.0	1293.9	1557.2	1868.5	2219.6	2590.6	2980.5	3386.8
50°	630.7	739.3	859.6	1029.7	1258.6	1554.5	1902.9	2285.6	2686.5	3091.8	3545.2
52.5°	581.8	692.2	815.3	977.2	1215.2	1539.1	1919.2	2339.9	2775.1	3204.0	3672.8
55°	533.9	642.4	766.4	927.5	1158.2	1499.3	1917.4	2375.2	2845.7	3309.9	3795.8
57.5°	477.8	580.9	702.2	872.3	1097.6	1437.8	1890.2	2391.5	2906.4	3414.9	3943.3
60°	408.1	504.9	621.6	791.7	1017.9	1359.1	1833.2	2382.4	2941.6	3492.7	4069.1
62.5°	322.1	406.3	513.0	679.5	918.4	1246.0	1726.4	2300.1	2885.5	3481.8	4127.9
63°	304.0	383.7	487.7	652.4	875.9	1215.2	1694.8	2267.5	2858.4	3459.2	4119.7
65°	244.3	295.9	379.1	526.6	732.9	1064.1	1537.3	2100.1	2712.7	3300.0	4002.1
67.5°	187.3	213.5	257.9	361.0	518.5	837.0	1245.1	1779.8	2354.4	2906.4	3623.0
70°	160.2	171.9	190.9	239.8	329.4	528.4	874.1	1327.4	1825.1	2303.7	2948.0
72.5°	145.7	151.1	161.1	181.9	226.2	316.7	557.4	864.1	1241.4	1642.3	2139.9
75°	133.9	138.4	146.6	157.4	173.7	210.8	317.6	528.4	807.1	1078.6	1444.1
77.5°	122.2	124.9	133.9	143.9	154.7	173.7	209.9	304.0	464.2	636.1	870.5
80°	112.2	110.4	116.7	133.0	143.9	154.7	165.6	197.3	264.2	348.4	470.5
82.5°	89.6	91.4	96.8	113.1	117.6	114.9	116.7	122.2	147.5	161.1	240.7
85°	60.6	56.1	55.2	57.0	57.0	54.3	54.3	53.4	58.8	67.0	114.9
87.5°	16.3	8.1	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°	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	949.2	0°
2.5°	946.5	945.6	946.5	941.9	941.9	941.0	940.1	938.3	938.3	934.7	937.4	2.5°
5°	964.6	962.8	959.1	953.7	951.0	947.4	947.4	943.7	941.0	937.4	938.3	5°
7.5°	985.4	986.3	979.9	975.4	973.6	970.0	970.9	965.5	966.4	963.7	961.8	7.5°
10°	997.1	997.1	998.9	998.0	999.8	999.8	1002.6	998.9	997.1	994.4	994.4	10°
12.5°	1016.1	1019.8	1027.0	1027.0	1032.4	1034.2	1035.1	1036.9	1033.3	1031.5	1025.2	12.5°
15°	1063.2	1072.2	1078.6	1087.6	1098.5	1102.1	1102.1	1098.5	1096.7	1094.0	1082.2	15°
17.5°	1141.0	1160.9	1166.3	1180.8	1182.6	1187.2	1199.8	1192.6	1188.1	1169.1	1165.4	17.5°
20°	1220.6	1246.0	1271.3	1289.4	1298.4	1316.5	1319.3	1315.6	1297.5	1279.4	1271.3	20°
22.5°	1316.5	1354.5	1383.5	1411.6	1425.1	1434.2	1454.1	1449.6	1435.1	1407.9	1397.1	22.5°
25°	1452.3	1499.3	1530.1	1564.5	1582.6	1591.6	1611.5	1611.5	1596.1	1588.0	1587.1	25°
27.5°	1623.3	1681.2	1731.9	1743.6	1790.7	1801.5	1820.5	1820.5	1806.1	1796.1	1844.1	27.5°
30°	1813.3	1873.9	1961.7	2020.5	2077.5	2133.6	2132.7	2136.3	2153.5	2162.6	2183.4	30°
32.5°	2003.3	2078.4	2171.6	2299.2	2421.4	2525.4	2660.2	2746.2	2720.0	2646.7	2617.7	32.5°
35°	2234.1	2317.3	2430.4	2558.9	2782.4	2917.2	2982.4	3028.5	3033.9	3043.9	3064.7	35°
37.5°	2491.0	2630.4	2761.6	2907.3	3031.2	3195.0	3346.1	3467.4	3495.4	3552.4	3519.8	37.5°
40°	2815.9	2971.5	3109.0	3297.2	3463.7	3661.0	3877.2	4043.7	4110.7	4089.0	3926.1	40°
42.5°	3156.1	3348.8	3509.9	3731.6	3947.8	4208.4	4431.9	4664.5	4706.1	4538.7	4295.3	42.5°
45°	3469.2	3708.0	3908.0	4138.7	4403.0	4715.1	5013.7	5252.6	5244.5	4957.6	4631.9	45°
47.5°	3750.6	4043.7	4288.0	4588.5	4872.6	5244.5	5587.4	5763.8	5659.8	5320.5	4921.4	47.5°
50°	3983.1	4348.7	4650.0	4954.0	5315.0	5762.9	6093.2	6192.7	5991.9	5622.7	5202.8	50°
52.5°	4170.4	4629.2	4967.6	5317.8	5773.8	6245.2	6529.3	6492.2	6232.5	5853.4	5435.4	52.5°
55°	4328.8	4843.6	5247.2	5660.7	6226.2	6660.5	6849.6	6750.1	6387.3	6002.7	5594.6	55°
57.5°	4492.5	5051.7	5504.2	5983.7	6613.5	6986.3	7091.2	6886.7	6460.6	6059.7	5663.4	57.5°
60°	4656.3	5225.5	5731.3	6266.0	6906.7	7252.3	7223.3	6917.5	6438.9	6018.1	5617.3	60°
62.5°	4766.7	5328.6	5863.4	6439.8	7126.5	7388.0	7210.7	6808.0	6313.1	5854.3	5479.7	62.5°
63°	4769.4	5332.2	5871.5	6451.5	7151.0	7392.6	7186.3	6769.1	6273.3	5820.8	5439.0	63°
65°	4712.4	5264.4	5799.1	6398.1	7130.2	7288.5	6975.4	6539.3	6046.2	5589.2	5227.3	65°
67.5°	4421.1	4983.9	5456.2	6020.8	6757.4	6802.6	6410.8	6058.8	5615.4	5142.2	4764.0	67.5°
70°	3833.8	4301.6	4764.9	5236.3	5854.3	5846.2	5477.9	5298.8	4910.6	4371.3	4068.2	70°
72.5°	3049.3	3469.2	3794.9	4110.7	4517.9	4435.5	4198.5	4248.2	3996.7	3594.0	3414.0	72.5°
75°	2263.9	2725.4	2884.6	3013.1	3185.0	3185.9	3251.1	3392.3	3388.6	3165.1	2938.0	75°
77.5°	1484.8	1989.7	2043.1	2146.3	2352.6	2633.1	2922.6	3233.9	3311.7	3135.3	2799.6	77.5°
80°	827.9	1352.7	1291.2	1379.9	1602.5	1983.4	2410.5	2754.3	2957.0	2858.4	2502.8	80°
82.5°	423.5	780.0	745.6	868.6	1048.7	1379.9	1662.2	1926.4	2165.3	2151.7	2016.9	82.5°
85°	219.9	427.1	485.9	550.1	640.6	759.2	865.9	942.8	1042.4	1217.9	1277.6	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.9	0.0	65.1	47.1	129.4	184.6	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°
949.2	949.2	949.2	949.2	949.2	949.2	949.2
938.3	939.2	937.4	937.4	938.3	938.3	936.5
936.5	936.5	934.7	932.9	931.1	931.1	929.3
957.3	957.3	951.0	948.3	943.7	940.1	938.3
988.1	982.7	975.4	970.0	962.8	954.6	950.1
1018.9	1010.7	1001.7	993.5	984.5	975.4	970.9
1069.5	1058.7	1046.9	1036.9	1024.3	1010.7	1005.3
1147.3	1130.1	1114.8	1100.3	1077.7	1067.7	1056.9
1250.5	1225.2	1205.2	1180.8	1152.8	1143.7	1130.1
1375.4	1353.6	1313.8	1295.7	1267.7	1254.1	1256.8
1565.4	1537.3	1491.2	1474.0	1471.3	1441.4	1426.9
1813.3	1815.1	1772.6	1726.4	1701.1	1654.1	1594.3
2166.2	2141.8	2092.0	2044.9	1985.2	1896.5	1797.0
2593.3	2539.0	2456.6	2368.9	2263.0	2126.4	1987.0
3010.4	2915.4	2784.2	2637.6	2484.7	2314.6	2117.3
3376.9	3229.4	3033.0	2864.7	2648.5	2435.8	2195.1
3711.7	3528.9	3275.5	3057.5	2802.3	2529.0	2244.0
4035.6	3804.0	3493.6	3198.6	2910.0	2591.5	2267.5
4344.1	4045.5	3677.3	3326.2	2988.7	2632.2	2271.2
4581.2	4255.5	3842.0	3418.5	3043.0	2662.9	2271.2
4801.1	4432.8	3967.7	3490.9	3093.7	2683.8	2273.0
4972.1	4557.7	4049.2	3542.5	3133.5	2699.1	2281.1
5096.1	4639.1	4103.5	3574.1	3162.4	2720.9	2299.2
5182.9	4692.5	4133.3	3602.2	3197.7	2758.9	2349.9
5224.6	4791.1	4183.1	3658.3	3258.3	2839.4	2451.2
5192.9	4944.1	4325.1	3753.3	3342.5	2965.2	2613.2
5179.3	4972.1	4364.0	3774.1	3361.5	2992.3	2669.3
5073.4	5000.2	4524.2	3879.1	3452.0	3112.7	2825.8
4745.0	4889.8	4659.0	4056.4	3646.5	3404.9	3118.1
4319.7	4726.0	4634.6	4079.0	3770.5	3644.7	3302.7
3810.3	4231.0	4146.0	3777.7	3633.8	3647.4	3254.7
2998.6	3314.4	3258.3	3128.9	3157.9	3257.4	2787.8
2402.4	2359.8	2230.4	2239.5	2406.9	2523.6	2006.9
1962.6	1588.9	1420.6	1425.1	1717.4	1838.6	1278.5
1867.6	1502.9	1224.3	1069.5	1249.6	1203.4	667.8
1330.1	1332.8	1105.7	898.5	870.5	740.2	416.2
314.9	252.5	180.1	133.9	141.2	93.2	47.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)