

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: P153299

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

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P153299
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: VXS-E03-LED-E1-SLR-7030
Description: VISION SITE SMALL 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: 7624.1 lumens
Efficiency: N/A
Efficacy: 101.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
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



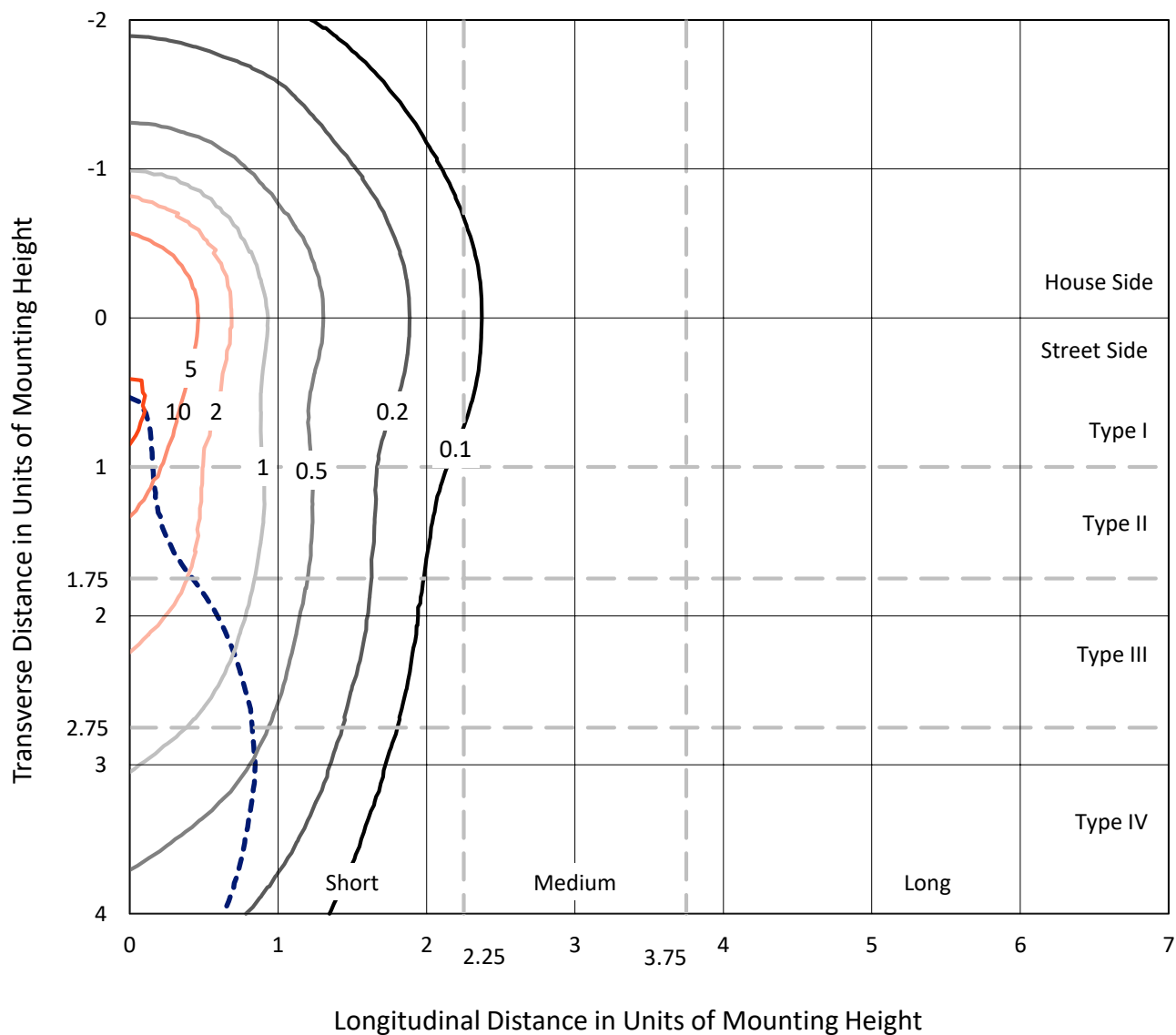
REPORT NUMBER: P153299

CATALOG NUMBER: VXS-E03-LED-E1-SLR-7030

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

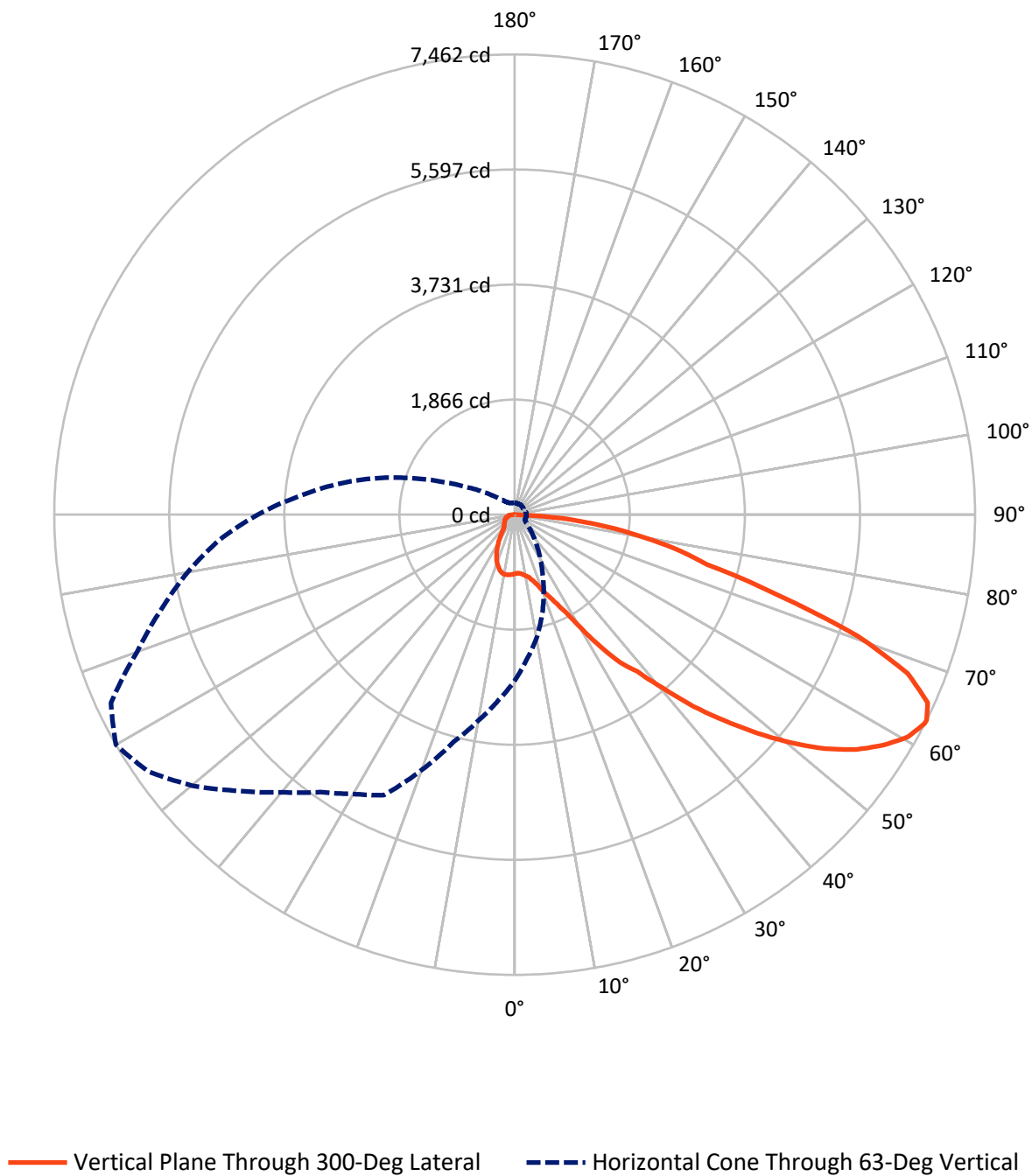


Based on 10 foot mounting height. Maximum calculated value = 12 fc
Type IV - Short - Non-Cutoff

REPORT NUMBER: P153299

CATALOG NUMBER: VXS-E03-LED-E1-SLR-7030

Luminous Intensity Polar Plot



REPORT NUMBER: P153299

CATALOG NUMBER: VXS-E03-LED-E1-SLR-7030

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1653.2	0.0	1653.2
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	5970.8	0.0	5970.8
	% Fixture	78.3	0.0	78.3
Total	Lumens	7624.1	0.0	7624.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.3	1.2
10°-20°	290.5	3.8
20°-30°	516.0	6.8
30°-40°	812.6	10.7
40°-50°	1195.9	15.7
50°-60°	1588.5	20.8
60°-70°	1749.8	23.0
70°-80°	1097.8	14.4
80°-90°	279.6	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°	7624.1	100.0
0°-180°	7624.1	100.0

Coefficient of Utilization



REPORT NUMBER: P153299

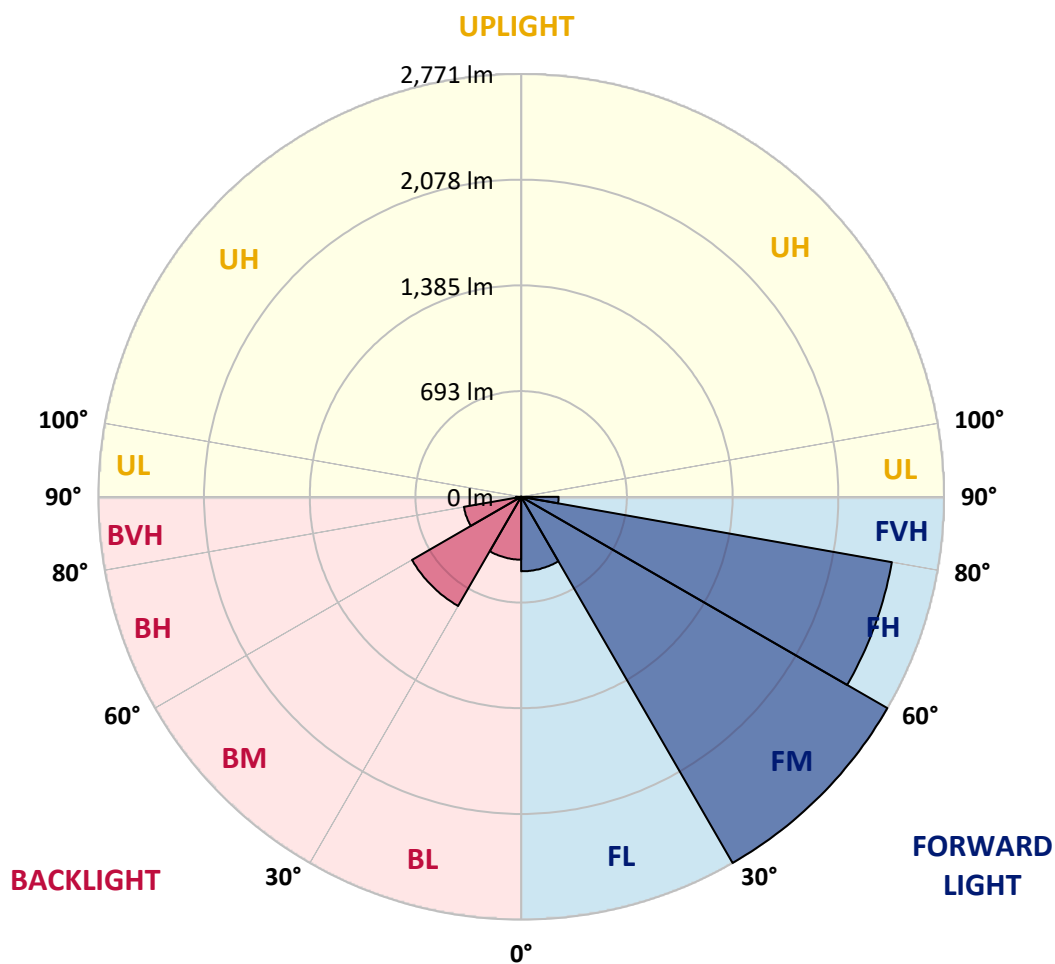
CATALOG NUMBER: VXS-E03-LED-E1-SLR-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	488.2	6.4			
FM	(30°-60°)	2770.8	36.3			
FH	(60°-80°)	2466.5	32.4			G2/5000
FVH	(80°-90°)	245.4	3.2			G3/500
BL	(0°-30°)	411.6	5.4	B1/500		
BM	(30°-60°)	826.3	10.8	B1/1000		
BH	(60°-80°)	381.1	5.0	B1/500		G1/500
BVH	(80°-90°)	34.2	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G3

Type IV Short



REPORT NUMBER: P153299

CATALOG NUMBER: VXS-E03-LED-E1-SLR-7030

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1
2.5°	945.3	948.1	947.2	947.2	949.0	948.1	948.1	949.0	949.0	951.7	955.3
5°	938.0	937.1	935.2	937.1	937.1	937.1	933.5	936.2	937.1	939.0	939.0
7.5°	947.2	944.5	940.7	941.7	941.7	939.8	937.1	938.0	937.1	937.1	936.2
10°	959.1	952.6	948.1	948.1	948.1	946.2	941.7	944.5	944.5	943.5	944.5
12.5°	980.0	972.7	967.3	965.4	965.4	962.7	959.1	962.7	960.8	960.8	959.1
15°	1014.7	1006.5	1000.1	994.6	995.5	995.5	991.0	988.3	984.6	980.0	970.9
17.5°	1066.8	1057.6	1049.4	1044.9	1045.8	1039.4	1026.6	1013.8	996.5	979.1	959.9
20°	1140.7	1138.0	1127.0	1122.5	1111.5	1096.1	1060.4	1030.3	996.5	963.6	930.7
22.5°	1268.6	1255.9	1244.9	1227.6	1191.0	1148.1	1088.7	1035.8	982.8	936.2	892.3
25°	1440.3	1417.5	1363.6	1310.7	1235.8	1159.1	1078.7	1010.2	944.5	883.2	829.3
27.5°	1609.3	1539.9	1444.0	1348.1	1238.5	1138.0	1037.6	956.3	879.6	812.8	753.5
30°	1813.9	1697.0	1549.9	1398.3	1243.1	1107.9	987.4	892.3	803.7	733.5	671.3
32.5°	2005.7	1836.8	1644.0	1444.9	1253.2	1079.6	929.7	822.0	730.7	642.1	580.9
35°	2137.2	1918.0	1684.2	1449.5	1228.5	1025.7	857.6	730.7	639.4	557.1	485.0
37.5°	2215.8	1953.7	1686.0	1416.6	1170.9	952.6	766.3	640.2	556.3	477.7	421.0
40°	2265.1	1961.9	1662.3	1369.1	1097.8	860.4	674.9	561.8	485.0	422.0	378.1
42.5°	2288.8	1949.1	1623.9	1308.8	1023.8	778.1	611.0	504.1	437.5	392.7	359.9
45°	2292.5	1926.2	1582.8	1254.0	958.1	718.8	567.2	480.4	425.6	388.2	355.3
47.5°	2292.5	1906.1	1549.9	1213.9	915.1	693.3	563.5	490.5	436.6	394.6	355.3
50°	2294.3	1899.8	1536.3	1193.8	900.5	706.9	594.6	521.6	460.3	405.5	354.4
52.5°	2302.6	1908.0	1547.3	1209.3	927.0	761.8	653.1	568.1	491.4	418.3	354.4
55°	2320.8	1935.4	1593.8	1263.2	998.3	844.9	723.4	618.3	516.1	423.8	348.9
57.5°	2372.0	2004.8	1678.8	1367.3	1119.8	940.7	787.4	654.0	525.2	419.3	337.9
60°	2474.3	2142.7	1823.9	1513.5	1248.6	1022.9	824.8	659.5	517.0	404.7	320.6
62.5°	2637.7	2300.7	2000.2	1672.3	1362.7	1068.6	829.3	645.7	495.0	378.1	295.0
63°	2694.4	2340.0	2037.7	1702.5	1377.3	1072.2	825.7	640.2	489.5	370.8	291.4
65°	2852.4	2505.3	2167.4	1808.4	1418.4	1073.2	805.6	612.8	463.9	342.5	265.8
67.5°	3147.4	2722.7	2330.9	1891.5	1433.1	1043.9	754.4	561.8	410.1	298.7	233.8
70°	3333.7	2844.1	2393.9	1893.4	1390.2	960.8	665.8	478.5	341.6	247.6	200.9
72.5°	3285.3	2724.6	2227.7	1722.6	1204.7	802.8	535.2	376.3	266.7	198.2	167.2
75°	2814.0	2267.9	1817.6	1334.4	910.6	590.1	391.8	268.5	197.3	155.2	139.8
77.5°	2025.8	1632.1	1303.3	950.8	613.8	381.8	260.3	191.8	149.7	127.9	115.1
80°	1290.6	957.2	797.3	571.7	359.0	236.6	179.1	145.2	123.3	106.8	98.7
82.5°	674.1	472.2	383.6	292.2	199.1	156.2	131.5	118.8	101.3	88.6	84.0
85°	420.1	278.5	206.4	144.4	99.6	89.5	82.2	80.4	72.1	63.9	61.2
87.5°	47.5	42.9	44.8	28.3	21.0	22.8	22.0	29.2	28.3	21.0	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

REPORT NUMBER: P153299

CATALOG NUMBER: VXS-E03-LED-E1-SLR-7030

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1
2.5°	951.7	953.6	953.6	956.3	956.3	958.1	959.9	959.9	961.8	962.7	964.5
5°	940.7	940.7	940.7	944.5	945.3	950.8	952.6	954.4	956.3	962.7	966.3
7.5°	938.0	934.4	936.2	936.2	939.0	943.5	948.1	950.8	953.6	961.8	967.3
10°	943.5	940.7	938.0	938.0	939.0	940.7	944.5	947.2	949.0	957.2	961.8
12.5°	958.1	951.7	946.2	941.7	938.0	937.1	935.2	936.2	938.0	942.6	949.0
15°	960.8	949.0	937.1	925.2	916.1	910.6	906.0	904.2	904.2	906.9	914.3
17.5°	942.6	922.5	905.2	889.6	879.6	869.5	865.0	861.2	859.5	863.1	864.0
20°	903.3	879.6	855.9	837.5	819.3	816.6	809.2	811.1	812.8	818.3	821.1
22.5°	849.4	821.1	791.9	772.7	758.0	745.3	737.1	740.7	743.4	748.9	751.7
25°	783.6	742.6	711.5	692.3	676.8	665.8	656.7	660.3	656.7	663.1	673.2
27.5°	706.0	657.6	624.8	602.8	591.8	582.7	573.6	573.6	582.7	582.7	591.0
30°	611.9	576.4	533.4	510.6	496.9	491.4	490.5	488.6	495.0	498.7	507.8
32.5°	523.3	479.5	438.4	416.5	404.7	398.2	399.2	400.0	402.8	408.3	422.9
35°	433.9	395.4	366.2	341.6	329.7	317.8	317.8	316.1	318.8	325.2	342.5
37.5°	376.3	342.5	319.7	300.5	288.6	281.3	274.9	272.2	272.2	274.9	281.3
40°	344.4	319.7	298.7	282.2	271.3	264.9	261.2	258.4	256.7	256.7	257.6
42.5°	329.7	304.1	283.1	268.5	260.3	256.7	255.8	254.8	252.1	251.2	250.3
45°	322.4	293.2	269.4	257.6	251.2	249.3	250.3	250.3	249.3	247.6	243.8
47.5°	316.9	283.1	259.4	248.4	245.7	245.7	245.7	245.7	244.8	243.8	241.1
50°	307.8	267.6	242.1	233.8	232.0	232.0	233.0	233.0	234.7	233.0	231.1
52.5°	297.7	253.0	227.5	220.1	219.2	218.3	218.3	218.3	219.2	219.2	218.3
55°	286.8	242.1	220.1	214.6	215.5	214.6	213.7	212.8	212.8	211.9	210.1
57.5°	275.9	233.0	214.6	211.0	211.9	211.9	210.1	208.3	207.4	204.6	202.8
60°	259.4	220.1	203.6	201.9	204.6	204.6	204.6	203.6	203.6	202.8	198.2
62.5°	237.5	201.9	189.0	189.9	190.9	192.7	192.7	192.7	192.7	190.9	186.3
63°	233.0	198.2	186.3	186.3	189.0	189.0	189.9	189.0	189.9	188.2	182.7
65°	214.6	186.3	177.2	178.1	179.9	179.9	179.9	179.1	179.1	176.3	173.6
67.5°	193.7	171.7	166.2	167.2	168.1	169.8	169.0	169.0	169.8	168.1	165.3
70°	169.8	156.2	152.5	153.5	154.4	154.4	153.5	153.5	154.4	152.5	149.7
72.5°	151.6	146.1	143.4	143.4	141.6	141.6	139.8	138.9	137.9	137.9	135.1
75°	127.9	126.9	127.9	129.7	127.9	126.0	125.1	122.4	120.5	120.5	119.7
77.5°	109.6	109.6	111.4	114.2	115.1	115.1	112.3	107.8	106.8	106.8	106.8
80°	95.0	93.2	93.2	95.9	98.7	97.7	93.2	88.6	88.6	93.2	94.1
82.5°	83.1	83.1	80.4	81.2	80.4	79.5	74.9	72.1	71.2	74.9	78.5
85°	65.8	66.6	65.8	64.9	63.9	61.2	57.5	54.8	53.9	57.5	63.0
87.5°	26.5	25.6	24.7	25.6	24.7	26.5	25.6	23.7	22.8	25.6	31.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P153299

CATALOG NUMBER: VXS-E03-LED-E1-SLR-7030

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1
2.5°	965.4	967.3	969.0	969.0	970.9	969.9	970.9	971.8	971.8	972.7	972.7
5°	970.9	973.7	977.3	980.9	981.9	984.6	987.4	985.5	988.3	991.9	991.9
7.5°	972.7	979.1	981.9	987.4	988.3	991.9	998.3	993.7	999.2	1002.0	1002.9
10°	969.9	976.4	980.9	987.4	990.1	996.5	1002.9	1001.0	1007.5	1012.0	1013.0
12.5°	953.6	959.9	969.9	979.1	986.4	996.5	1008.3	1004.7	1013.8	1019.3	1022.1
15°	921.6	928.0	939.0	953.6	967.3	982.8	998.3	1001.0	1010.2	1016.6	1019.3
17.5°	871.3	879.6	891.4	906.9	924.4	950.8	970.9	980.9	993.7	997.4	1002.0
20°	824.8	833.0	840.3	849.4	862.2	887.8	914.3	934.4	950.8	964.5	968.2
22.5°	762.7	769.9	779.1	786.4	795.5	813.8	835.8	858.5	884.1	892.3	901.5
25°	687.8	692.3	705.1	709.6	716.1	731.6	748.9	765.4	790.1	807.4	811.9
27.5°	607.4	611.9	623.8	626.5	634.8	649.4	662.2	668.6	691.4	709.6	724.2
30°	514.2	526.1	540.7	542.5	551.7	560.8	572.6	579.1	600.1	619.3	637.5
32.5°	433.9	445.7	457.6	464.9	469.4	476.8	488.6	495.0	515.1	532.4	550.8
35°	351.6	366.2	379.1	389.1	392.7	401.9	411.0	417.4	438.4	453.9	466.7
37.5°	289.5	300.5	314.2	324.2	334.3	340.7	351.6	360.7	373.6	381.8	395.4
40°	259.4	264.9	272.2	280.4	288.6	296.0	304.1	311.5	319.7	330.7	339.8
42.5°	249.3	250.3	250.3	253.0	257.6	261.2	268.5	274.0	279.5	287.7	292.2
45°	242.1	241.1	239.3	237.5	238.3	240.2	244.8	248.4	254.8	258.4	259.4
47.5°	238.3	234.7	231.1	228.3	227.5	228.3	232.0	235.6	239.3	242.1	242.9
50°	226.5	223.7	218.3	214.6	212.8	214.6	219.2	221.0	224.7	227.5	228.3
52.5°	214.6	211.0	207.4	203.6	203.6	204.6	208.3	211.9	215.5	216.5	218.3
55°	207.4	201.9	198.2	195.4	193.7	196.4	199.1	203.6	208.3	209.1	211.0
57.5°	200.0	194.5	190.9	188.2	186.3	189.0	191.8	198.2	203.6	203.6	203.6
60°	195.4	190.9	185.4	182.7	179.9	182.7	186.3	192.7	198.2	197.3	196.4
62.5°	182.7	178.1	175.3	175.3	172.6	177.2	180.8	188.2	189.0	187.3	185.4
63°	179.1	175.3	173.6	173.6	171.7	176.3	179.9	186.3	186.3	184.5	182.7
65°	169.8	167.2	165.3	167.2	167.2	171.7	172.6	177.2	176.3	173.6	172.6
67.5°	162.6	160.7	159.0	159.0	159.0	159.8	160.7	162.6	161.7	160.7	161.7
70°	150.7	149.7	148.0	148.0	147.0	147.0	147.0	148.0	148.0	148.9	149.7
72.5°	136.1	134.3	134.3	135.1	133.4	134.3	135.1	134.3	136.1	136.1	137.0
75°	119.7	118.8	120.5	122.4	121.5	121.5	122.4	122.4	123.3	123.3	124.2
77.5°	106.8	107.8	108.7	110.5	111.4	111.4	111.4	110.5	111.4	111.4	112.3
80°	95.0	96.8	98.7	100.5	101.3	101.3	101.3	100.5	100.5	100.5	100.5
82.5°	85.9	88.6	90.5	91.3	91.3	91.3	91.3	91.3	91.3	89.5	87.7
85°	72.1	77.6	77.6	78.5	75.9	74.0	72.1	73.1	74.0	70.4	69.4
87.5°	36.6	36.6	38.3	40.2	41.1	41.1	46.6	43.8	42.9	42.0	40.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P153299

CATALOG NUMBER: VXS-E03-LED-E1-SLR-7030

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1
2.5°	973.7	972.7	974.5	972.7	973.7	974.5	972.7	975.4	977.3	974.5	971.8
5°	993.7	993.7	998.3	1000.1	1001.0	1006.5	1003.7	1005.6	1007.5	1006.5	1007.5
7.5°	1006.5	1010.2	1014.7	1019.3	1020.2	1024.8	1023.8	1026.6	1028.4	1033.0	1033.0
10°	1017.5	1022.1	1028.4	1033.0	1037.6	1041.2	1043.0	1048.5	1049.4	1053.1	1053.1
12.5°	1027.6	1033.0	1039.4	1046.7	1051.3	1058.5	1059.5	1067.7	1070.5	1071.4	1068.6
15°	1025.7	1032.1	1039.4	1047.6	1055.9	1065.0	1070.5	1078.7	1083.2	1085.1	1080.5
17.5°	1008.3	1013.8	1022.9	1033.9	1043.9	1055.9	1065.9	1077.7	1085.1	1086.8	1086.0
20°	974.5	978.2	990.1	1004.7	1016.6	1034.8	1049.4	1067.7	1079.6	1088.7	1091.5
22.5°	907.9	917.0	928.9	945.3	962.7	985.5	1006.5	1033.0	1058.5	1080.5	1102.4
25°	827.5	843.9	862.2	884.1	905.2	928.9	952.6	982.8	1020.2	1065.9	1117.9
27.5°	746.2	774.5	797.3	825.7	850.4	874.1	900.5	933.5	974.5	1029.3	1096.1
30°	664.0	696.0	720.6	753.5	786.4	818.3	844.9	879.6	919.8	975.4	1048.5
32.5°	576.4	608.3	637.5	667.7	704.1	742.6	774.5	817.4	860.4	917.9	991.9
35°	485.9	514.2	538.9	570.9	611.0	652.1	694.2	743.4	790.1	850.4	928.9
37.5°	407.4	427.5	451.2	479.5	510.6	554.4	601.9	660.3	713.4	779.1	859.5
40°	342.5	353.5	367.2	390.9	419.3	462.2	508.7	570.9	634.8	706.9	784.6
42.5°	292.2	297.7	301.5	316.9	339.8	381.8	426.5	486.8	557.1	635.6	714.2
45°	259.4	262.2	263.0	271.3	287.7	324.2	370.8	422.0	489.5	566.3	648.5
47.5°	243.8	246.6	248.4	250.3	260.3	288.6	330.7	379.1	441.1	511.5	595.5
50°	231.1	233.8	236.6	235.6	240.2	258.4	294.1	338.9	397.3	462.2	545.3
52.5°	218.3	220.1	220.1	220.1	222.9	234.7	260.3	301.5	355.3	416.5	498.7
55°	211.0	212.8	213.7	214.6	215.5	222.0	241.1	274.0	320.6	377.2	451.2
57.5°	203.6	204.6	206.4	207.4	209.1	212.8	224.7	248.4	287.7	335.2	397.3
60°	197.3	199.1	202.8	203.6	205.5	206.4	211.9	226.5	252.1	288.6	338.9
62.5°	187.3	189.9	193.7	194.5	196.4	197.3	198.2	206.4	218.3	240.2	277.6
63°	184.5	187.3	191.8	192.7	193.7	193.7	194.5	200.0	211.0	230.2	257.6
65°	174.4	178.1	180.8	181.8	182.7	182.7	181.8	183.6	184.5	192.7	209.1
67.5°	163.5	166.2	168.1	169.0	168.1	169.0	168.1	166.2	164.4	166.2	173.6
70°	152.5	154.4	154.4	155.2	156.2	157.1	155.2	153.5	151.6	150.7	155.2
72.5°	139.8	141.6	141.6	142.5	142.5	144.4	144.4	143.4	143.4	144.4	145.2
75°	126.9	128.8	127.9	129.7	129.7	132.4	132.4	133.4	135.1	134.3	133.4
77.5°	115.1	116.0	116.0	116.9	117.8	122.4	125.1	126.0	126.0	124.2	122.4
80°	102.3	102.3	100.5	99.6	100.5	105.1	110.5	111.4	114.2	113.3	114.2
82.5°	85.9	82.2	79.5	79.5	81.2	84.0	85.9	87.7	89.5	89.5	91.3
85°	65.8	62.1	59.4	60.3	63.0	63.9	63.0	63.0	66.6	69.4	66.6
87.5°	39.3	35.6	33.8	31.1	31.9	34.7	33.8	31.1	31.9	25.6	23.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P153299

CATALOG NUMBER: VXS-E03-LED-E1-SLR-7030

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1
2.5°	973.7	972.7	970.9	968.2	967.3	965.4	966.3	963.6	961.8	959.9	957.2
5°	1007.5	1007.5	1002.0	1002.0	999.2	998.3	991.9	989.1	983.6	985.5	979.1
7.5°	1031.2	1033.9	1027.6	1026.6	1022.9	1022.1	1013.8	1011.1	1006.5	1004.7	999.2
10°	1048.5	1048.5	1040.3	1033.9	1029.3	1024.8	1016.6	1013.0	1009.2	1010.2	1006.5
12.5°	1062.2	1055.9	1043.9	1034.8	1028.4	1023.8	1017.5	1014.7	1013.8	1020.2	1021.1
15°	1073.2	1064.0	1049.4	1043.0	1037.6	1036.7	1036.7	1039.4	1045.8	1057.6	1066.8
17.5°	1079.6	1074.1	1066.8	1065.0	1074.1	1079.6	1086.8	1095.1	1104.2	1120.7	1130.8
20°	1091.5	1095.1	1100.6	1107.9	1122.5	1136.2	1145.4	1157.2	1168.2	1188.3	1204.7
22.5°	1122.5	1143.5	1160.8	1175.4	1197.4	1216.6	1228.5	1244.9	1253.2	1266.8	1292.4
25°	1162.7	1205.6	1242.2	1273.2	1307.0	1327.0	1343.5	1364.6	1377.3	1400.2	1423.0
27.5°	1150.8	1212.0	1266.8	1324.4	1371.0	1423.0	1459.6	1494.2	1516.2	1549.9	1580.1
30°	1114.3	1187.4	1261.3	1337.1	1411.1	1486.0	1555.4	1618.4	1666.8	1715.2	1764.6
32.5°	1065.0	1149.0	1239.4	1332.5	1429.4	1533.5	1629.4	1724.5	1804.8	1875.1	1943.6
35°	1008.3	1103.3	1197.4	1312.4	1432.1	1564.6	1697.9	1829.4	1951.8	2076.1	2160.1
37.5°	940.7	1037.6	1142.6	1275.0	1415.6	1579.2	1749.0	1920.7	2094.3	2261.5	2406.6
40°	868.6	967.3	1077.7	1221.1	1380.1	1570.1	1782.0	2013.1	2251.4	2493.5	2686.1
42.5°	804.7	906.0	1026.6	1171.8	1344.5	1558.1	1808.4	2092.4	2383.8	2683.4	2966.5
45°	742.6	854.0	980.9	1137.1	1328.9	1567.4	1847.7	2166.4	2502.6	2866.1	3211.3
47.5°	686.8	800.1	923.4	1094.2	1306.1	1571.9	1886.1	2240.4	2614.9	3008.6	3418.7
50°	636.6	746.2	867.7	1039.4	1270.5	1569.1	1920.7	2307.2	2711.7	3120.9	3578.5
52.5°	587.3	698.8	822.9	986.4	1226.6	1553.6	1937.2	2362.0	2801.2	3234.2	3707.3
55°	538.9	648.5	773.6	936.2	1169.1	1513.5	1935.4	2397.5	2872.4	3341.0	3831.5
57.5°	482.3	586.3	708.8	880.5	1107.9	1451.3	1908.0	2414.0	2933.7	3446.9	3980.4
60°	411.9	509.6	627.5	799.2	1027.6	1371.8	1850.5	2404.9	2969.3	3525.5	4107.4
62.5°	325.2	410.1	517.8	685.9	927.0	1257.7	1742.7	2321.8	2912.6	3514.6	4166.7
63°	306.8	387.3	492.3	658.5	884.1	1226.6	1710.7	2288.8	2885.3	3491.7	4158.4
65°	246.6	298.7	382.7	531.6	739.8	1074.1	1551.8	2119.9	2738.2	3331.0	4039.8
67.5°	189.0	215.5	260.3	364.5	523.3	844.9	1256.8	1796.6	2376.6	2933.7	3657.1
70°	161.7	173.6	192.7	242.1	332.4	533.4	882.3	1339.9	1842.2	2325.4	2975.6
72.5°	147.0	152.5	162.6	183.6	228.3	319.7	562.6	872.2	1253.2	1657.7	2160.1
75°	135.1	139.8	148.0	159.0	175.3	212.8	320.6	533.4	814.7	1088.7	1457.7
77.5°	123.3	126.0	135.1	145.2	156.2	175.3	211.9	306.8	468.5	642.1	878.7
80°	113.3	111.4	117.8	134.3	145.2	156.2	167.2	199.1	266.7	351.6	474.9
82.5°	90.5	92.2	97.7	114.2	118.8	116.0	117.8	123.3	148.9	162.6	242.9
85°	61.2	56.6	55.8	57.5	57.5	54.8	54.8	53.9	59.4	67.6	116.0
87.5°	16.5	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P153299
CATALOG NUMBER: VXS-E03-LED-E1-SLR-7030

REPORT N
CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	0°
2.5°	955.3	954.4	955.3	950.8	950.8	949.8	949.0	947.2	947.2	943.5	946.2	2.5°
5°	973.7	971.8	968.2	962.7	959.9	956.3	956.3	952.6	949.8	946.2	947.2	5°
7.5°	994.6	995.5	989.1	984.6	982.8	979.1	980.0	974.5	975.4	972.7	970.9	7.5°
10°	1006.5	1006.5	1008.3	1007.5	1009.2	1009.2	1012.0	1008.3	1006.5	1003.7	1003.7	10°
12.5°	1025.7	1029.3	1036.7	1036.7	1042.2	1043.9	1044.9	1046.7	1043.0	1041.2	1034.8	12.5°
15°	1073.2	1082.3	1088.7	1097.8	1108.8	1112.4	1112.4	1108.8	1106.9	1104.2	1092.3	15°
17.5°	1151.7	1171.8	1177.3	1191.9	1193.8	1198.3	1211.1	1203.8	1199.3	1180.0	1176.4	17.5°
20°	1232.1	1257.7	1283.2	1301.6	1310.7	1328.9	1331.7	1328.0	1309.7	1291.5	1283.2	20°
22.5°	1328.9	1367.3	1396.5	1424.9	1438.5	1447.7	1467.8	1463.2	1448.6	1421.1	1410.3	22.5°
25°	1465.9	1513.5	1544.5	1579.2	1597.4	1606.6	1626.6	1626.6	1611.2	1602.9	1602.0	25°
27.5°	1638.5	1697.0	1748.2	1760.0	1807.6	1818.4	1837.6	1837.6	1823.0	1813.0	1861.5	27.5°
30°	1830.4	1891.5	1980.1	2039.5	2097.1	2153.7	2152.7	2156.4	2173.8	2182.9	2203.9	30°
32.5°	2022.2	2097.9	2192.0	2320.8	2444.1	2549.1	2685.3	2772.0	2745.5	2671.5	2642.3	32.5°
35°	2255.0	2339.1	2453.3	2583.0	2808.6	2944.7	3010.4	3057.0	3062.5	3072.5	3093.5	35°
37.5°	2514.4	2655.1	2787.6	2934.6	3059.7	3225.1	3377.6	3500.0	3528.3	3585.8	3553.0	37.5°
40°	2842.4	2999.5	3138.2	3328.3	3496.3	3695.4	3913.7	4081.8	4149.3	4127.5	3963.0	40°
42.5°	3185.8	3380.3	3542.9	3766.6	3985.0	4248.0	4473.6	4708.3	4750.4	4581.3	4335.6	42.5°
45°	3501.8	3742.9	3944.8	4177.6	4444.4	4759.5	5060.8	5302.0	5293.8	5004.2	4675.4	45°
47.5°	3785.8	4081.8	4328.4	4631.6	4918.3	5293.8	5639.9	5818.0	5713.1	5370.5	4967.7	47.5°
50°	4020.5	4389.5	4693.7	5000.6	5365.0	5817.1	6150.5	6251.0	6048.2	5675.5	5251.8	50°
52.5°	4209.6	4672.7	5014.3	5367.8	5828.1	6303.9	6590.8	6553.3	6291.2	5908.5	5486.5	52.5°
55°	4369.4	4889.1	5296.5	5713.9	6284.8	6723.2	6914.1	6813.6	6447.4	6059.2	5647.3	55°
57.5°	4534.8	5099.3	5556.0	6040.0	6675.6	7052.0	7157.9	6951.5	6521.3	6116.7	5716.7	57.5°
60°	4700.1	5274.6	5785.2	6325.0	6971.6	7320.5	7291.3	6982.6	6499.4	6074.7	5670.1	60°
62.5°	4811.5	5378.8	5918.5	6500.3	7193.6	7457.5	7278.4	6872.0	6372.4	5909.3	5531.3	62.5°
63°	4814.3	5382.4	5926.7	6512.2	7218.2	7462.1	7253.8	6832.7	6332.2	5875.5	5490.2	63°
65°	4756.7	5313.9	5853.7	6458.3	7197.2	7357.0	7041.0	6600.8	6103.0	5641.8	5276.5	65°
67.5°	4462.6	5030.8	5507.5	6077.4	6820.9	6866.5	6471.1	6115.8	5668.3	5190.6	4808.8	67.5°
70°	3869.8	4342.1	4809.7	5285.6	5909.3	5901.1	5529.4	5348.6	4956.8	4412.4	4106.4	70°
72.5°	3078.0	3501.8	3830.6	4149.3	4560.3	4477.2	4237.9	4288.2	4034.3	3627.9	3446.1	72.5°
75°	2285.2	2751.0	2911.7	3041.5	3215.0	3215.9	3281.7	3424.1	3420.5	3194.9	2965.7	75°
77.5°	1498.8	2008.5	2062.4	2166.4	2374.7	2657.8	2950.2	3264.4	3342.9	3164.8	2825.9	77.5°
80°	835.8	1365.5	1303.3	1392.8	1617.5	2002.1	2433.2	2780.2	2984.9	2885.3	2526.3	80°
82.5°	427.5	787.4	752.6	876.8	1058.5	1392.8	1677.8	1944.6	2185.6	2171.9	2035.9	82.5°
85°	222.0	431.1	490.5	555.3	646.6	766.3	874.1	951.7	1052.2	1229.3	1289.6	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.9	0.0	65.8	47.5	130.6	186.3	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°

NUMBER: P153299

NUMBER: VXS-E03-LED-E1-SLR-7030

DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
958.1	958.1	958.1	958.1	958.1	958.1	958.1
947.2	948.1	946.2	946.2	947.2	947.2	945.3
945.3	945.3	943.5	941.7	939.8	939.8	938.0
966.3	966.3	959.9	957.2	952.6	949.0	947.2
997.4	991.9	984.6	979.1	971.8	963.6	959.1
1028.4	1020.2	1011.1	1002.9	993.7	984.6	980.0
1079.6	1068.6	1056.8	1046.7	1033.9	1020.2	1014.7
1158.1	1140.7	1125.3	1110.7	1087.8	1077.7	1066.8
1262.3	1236.7	1216.6	1191.9	1163.6	1154.5	1140.7
1388.3	1366.3	1326.2	1307.9	1279.6	1265.9	1268.6
1580.1	1551.8	1505.2	1487.9	1485.1	1454.9	1440.3
1830.4	1832.2	1789.2	1742.7	1717.1	1669.6	1609.3
2186.5	2161.9	2111.7	2064.1	2003.9	1914.4	1813.9
2617.6	2562.9	2479.8	2391.2	2284.2	2146.4	2005.7
3038.8	2942.8	2810.4	2662.4	2508.1	2336.4	2137.2
3408.6	3259.8	3061.6	2891.7	2673.4	2458.8	2215.8
3746.5	3562.1	3306.3	3086.2	2828.6	2552.8	2265.1
4073.6	3839.7	3526.4	3228.7	2937.3	2615.9	2288.8
4385.0	4083.6	3711.8	3357.5	3016.8	2656.9	2292.5
4624.2	4295.4	3878.1	3450.7	3071.6	2688.0	2292.5
4846.2	4474.5	4005.1	3523.7	3122.7	2709.0	2294.3
5018.9	4600.5	4087.3	3575.8	3162.9	2724.6	2302.6
5143.9	4682.8	4142.1	3607.8	3192.1	2746.4	2320.8
5231.7	4736.7	4172.2	3636.1	3227.8	2784.8	2372.0
5273.7	4836.2	4222.4	3692.6	3289.0	2866.1	2474.3
5241.8	4990.6	4365.8	3788.6	3373.9	2993.1	2637.7
5228.0	5018.9	4405.1	3809.5	3393.1	3020.4	2694.4
5121.1	5047.2	4566.7	3915.5	3484.5	3142.0	2852.4
4789.6	4935.8	4702.8	4094.5	3680.8	3436.9	3147.4
4360.3	4770.5	4678.1	4117.4	3805.9	3679.0	3333.7
3846.1	4270.8	4185.0	3813.3	3668.0	3681.8	3285.3
3026.8	3345.6	3289.0	3158.3	3187.6	3288.1	2814.0
2425.0	2382.0	2251.4	2260.5	2429.5	2547.4	2025.8
1981.0	1603.8	1434.0	1438.5	1733.6	1856.0	1290.6
1885.2	1517.1	1235.8	1079.6	1261.3	1214.7	674.1
1342.6	1345.4	1116.2	906.9	878.7	747.2	420.1
317.8	254.8	181.8	135.1	142.5	94.1	47.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)