

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: P152760

Luminaire Tested: **VXS-E06-LED-E1-SLL**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P152760
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-E06-LED-E1-SLL
Description: VISION SITE SMALL LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (126) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16694.7 lumens
Efficiency: N/A
Efficacy: 110.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B2 - U0 - G4

Input Watts (W): 150.5
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



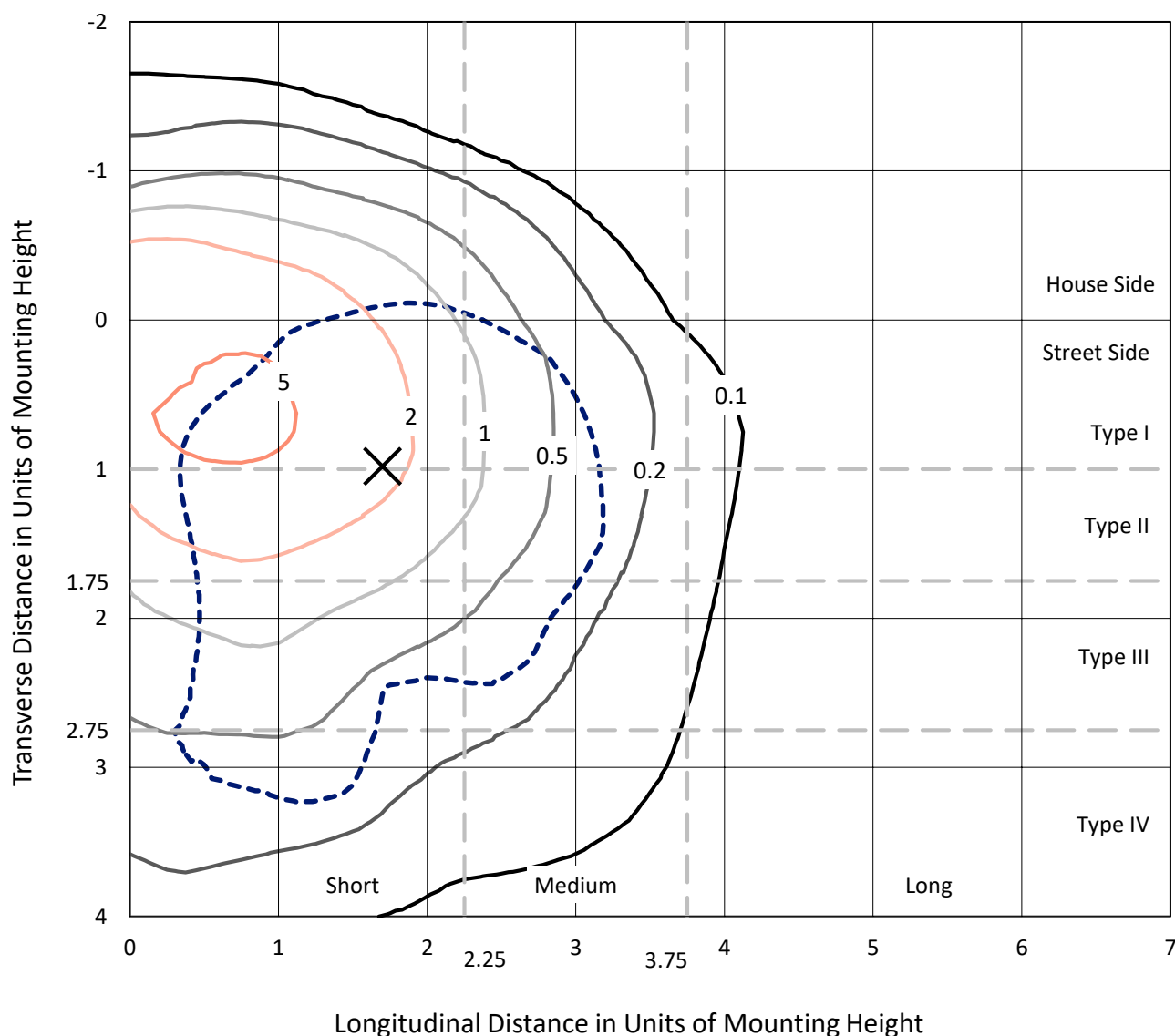
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

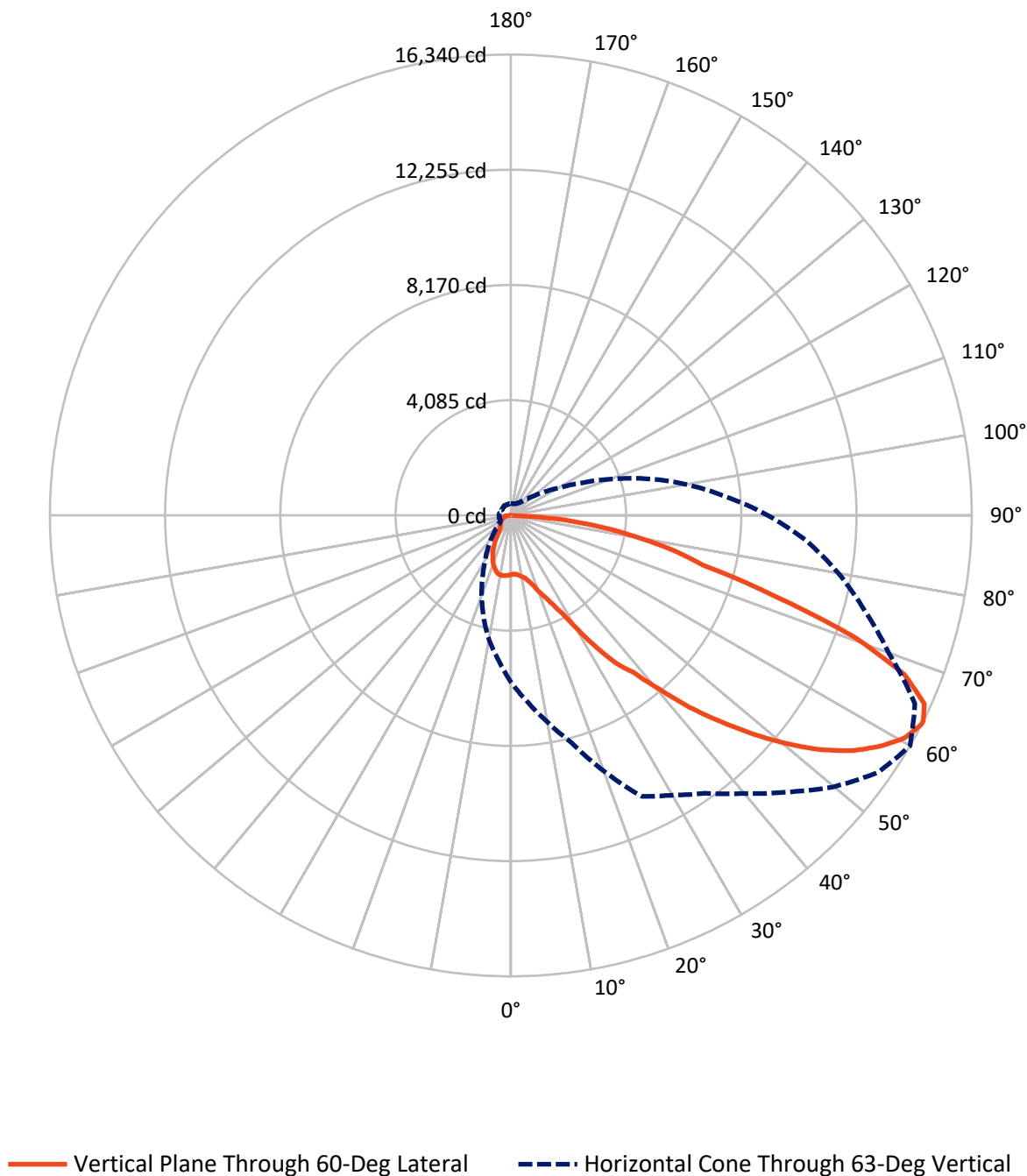


Based on 25 foot mounting height. Maximum calculated value = 6.6 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3620.2	0.0	3620.2
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	13074.5	0.0	13074.5
	% Fixture	78.3	0.0	78.3
Total	Lumens	16694.7	0.0	16694.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	204.2	1.2
10°-20°	636.1	3.8
20°-30°	1130.0	6.8
30°-40°	1779.4	10.7
40°-50°	2618.8	15.7
50°-60°	3478.5	20.8
60°-70°	3831.6	23.0
70°-80°	2403.9	14.4
80°-90°	612.3	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°	16694.7	100.0
0°-180°	16694.7	100.0

Coefficient of Utilization



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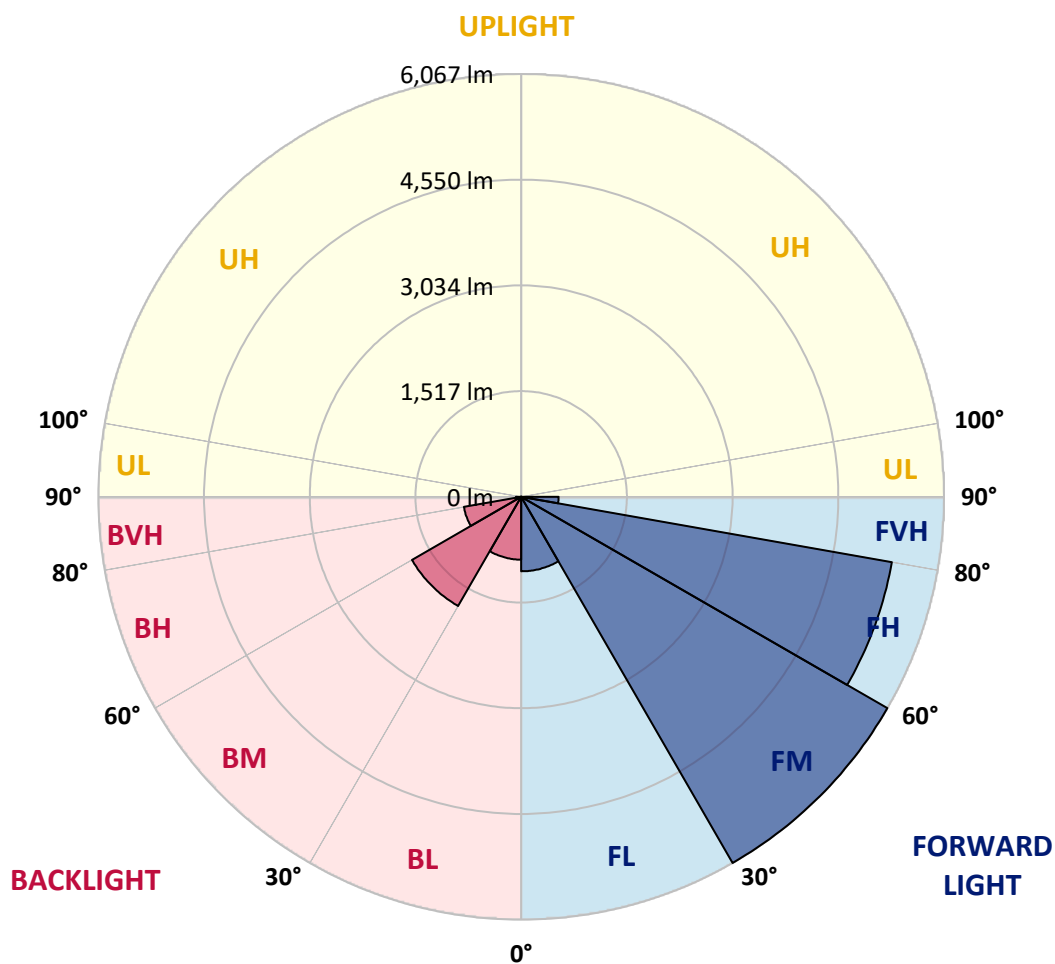
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1069.0	6.4			
FM	(30°-60°)	6067.3	36.3			
FH	(60°-80°)	5401.0	32.4			G3/7500
FVH	(80°-90°)	537.3	3.2			G4/750
BL	(0°-30°)	901.3	5.4	B2/1000		
BM	(30°-60°)	1809.4	10.8	B2/2500		
BH	(60°-80°)	834.5	5.0	B2/1000		G2/1000
BVH	(80°-90°)	75.0	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G4

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0
2.5°	2070.1	2074.0	2074.0	2072.0	2072.0	2076.0	2074.0	2072.0	2066.0	2074.0	2074.0
5°	2054.0	2058.0	2058.0	2062.0	2066.0	2070.1	2070.1	2074.0	2072.0	2080.0	2086.0
7.5°	2074.0	2078.0	2086.0	2096.0	2102.0	2116.0	2116.0	2126.0	2129.9	2136.0	2134.0
10°	2100.0	2110.1	2128.0	2144.0	2156.0	2172.0	2184.0	2198.0	2198.0	2204.0	2208.0
12.5°	2146.0	2156.0	2176.0	2196.0	2214.0	2234.0	2252.0	2266.0	2280.0	2284.0	2292.0
15°	2222.0	2234.0	2264.0	2292.0	2314.0	2340.0	2364.0	2392.0	2418.0	2424.0	2428.0
17.5°	2336.0	2360.0	2382.0	2432.0	2464.0	2498.0	2536.0	2576.0	2584.0	2626.0	2636.0
20°	2498.0	2528.0	2548.0	2609.9	2664.0	2708.0	2764.0	2809.9	2828.0	2868.0	2908.0
22.5°	2778.0	2772.0	2802.0	2864.0	2904.0	2992.0	3040.0	3088.0	3112.0	3172.0	3204.0
25°	3154.0	3186.0	3252.0	3258.0	3296.0	3398.0	3460.0	3508.0	3510.1	3528.0	3562.0
27.5°	3524.0	3656.0	3760.0	3816.0	3918.0	4012.0	4008.0	4076.0	3969.9	3992.0	4024.0
30°	3972.0	4192.0	4388.0	4520.0	4624.0	4734.0	4788.0	4826.0	4780.0	4760.0	4722.0
32.5°	4392.0	4700.0	5002.0	5236.0	5430.1	5612.0	5732.0	5786.0	5849.9	6012.0	6070.1
35°	4680.0	5116.0	5492.0	5830.1	6154.0	6444.0	6654.0	6774.0	6728.0	6706.0	6694.0
37.5°	4852.0	5384.0	5854.0	6332.0	6704.0	7138.0	7464.0	7780.0	7852.0	7726.0	7664.0
40°	4960.0	5589.9	6194.0	6758.0	7240.0	7800.0	8204.0	8678.0	9038.0	9086.0	8938.0
42.5°	5012.0	5728.0	6432.0	7070.1	7722.0	8408.0	8920.0	9494.0	10032.0	10402.0	10310.1
45°	5020.0	5818.0	6606.0	7352.0	8128.0	8942.0	9602.0	10238.0	10958.0	11592.0	11609.9
47.5°	5020.0	5886.0	6726.0	7556.0	8492.0	9406.0	10126.0	10878.0	11760.0	12510.1	12740.0
50°	5024.0	5932.0	6838.0	7716.0	8769.9	9798.0	10612.0	11500.0	12428.0	13244.0	13688.0
52.5°	5042.0	5966.0	6926.0	7830.1	8950.1	10074.0	10990.1	12014.0	12938.0	13776.0	14350.1
55°	5082.0	6014.0	6990.1	7900.0	9070.1	10254.0	11264.0	12366.0	13268.0	14118.0	14920.0
57.5°	5194.0	6098.0	7068.0	7962.0	9136.0	10372.0	11456.0	12518.0	13394.0	14280.0	15222.0
60°	5418.0	6276.0	7202.0	8086.0	9246.0	10590.1	11548.0	12416.0	13302.0	14232.0	15289.9
62.5°	5776.0	6554.0	7388.0	8296.0	9560.0	10928.0	11478.0	12112.0	12940.0	13954.0	15048.0
63°	5900.0	6614.0	7430.1	8342.0	9646.0	10990.1	11448.0	12022.0	12866.0	13866.0	14962.0
65°	6246.0	6880.0	7630.1	8574.0	10000.0	11052.0	11214.0	11554.0	12354.0	13364.0	14454.0
67.5°	6892.0	7526.0	8060.0	8966.0	10298.0	10808.0	10488.0	10529.9	11366.0	12412.0	13392.0
70°	7300.0	8056.0	8334.0	9016.0	10244.0	10446.0	9548.0	8992.0	9662.0	10854.0	11712.0
72.5°	7194.0	8062.0	8032.0	8350.1	9164.0	9352.0	8422.0	7546.0	7944.0	8834.0	9390.1
75°	6162.0	7200.0	6980.0	6916.0	7202.0	7326.0	6628.0	6494.0	6996.0	7489.9	7498.0
77.5°	4436.0	5578.0	5320.0	4950.1	4929.9	5216.0	5310.1	6188.0	6929.9	7320.0	7148.0
80°	2826.0	4064.0	3796.0	3150.1	3140.0	3512.0	4338.0	5532.0	6318.0	6536.0	6088.0
82.5°	1476.0	2660.0	2762.0	2364.0	2706.0	3322.0	4128.0	4458.0	4756.0	4786.0	4258.0
85°	920.0	1636.0	1924.0	1986.0	2444.0	2946.0	2940.0	2824.0	2692.0	2304.0	2084.0
87.5°	104.0	206.0	312.0	296.0	398.0	558.0	696.0	408.0	286.0	104.0	144.0
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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CATALOG NUMBER: VXS-E06-LED-E1-SLL

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0
2.5°	2078.0	2080.0	2082.0	2082.0	2092.0	2089.9	2092.0	2096.0	2102.0	2106.0	2110.1
5°	2094.0	2094.0	2102.0	2108.0	2120.0	2128.0	2132.0	2144.0	2158.0	2154.0	2166.0
7.5°	2146.0	2144.0	2152.0	2156.0	2166.0	2180.0	2178.0	2188.0	2200.0	2204.0	2214.0
10°	2216.0	2209.9	2209.9	2206.0	2208.0	2204.0	2204.0	2204.0	2212.0	2209.9	2218.0
12.5°	2288.0	2286.0	2282.0	2269.9	2269.9	2254.0	2246.0	2236.0	2234.0	2220.0	2222.0
15°	2436.0	2436.0	2428.0	2404.0	2384.0	2369.9	2350.1	2336.0	2316.0	2289.9	2276.0
17.5°	2652.0	2624.0	2614.0	2609.9	2578.0	2566.0	2522.0	2476.0	2454.0	2418.0	2398.0
20°	2916.0	2910.1	2869.9	2849.9	2809.9	2754.0	2698.0	2638.0	2602.0	2558.0	2534.0
22.5°	3214.0	3169.9	3150.1	3120.0	3058.0	2994.0	2910.1	2830.1	2774.0	2744.0	2726.0
25°	3562.0	3518.0	3498.0	3458.0	3382.0	3314.0	3209.9	3116.0	3066.0	3016.0	2988.0
27.5°	4024.0	3982.0	3958.0	3854.0	3828.0	3716.0	3588.0	3460.0	3394.0	3320.0	3272.0
30°	4714.0	4716.0	4592.0	4466.0	4336.0	4142.0	4008.0	3864.0	3756.0	3649.9	3544.0
32.5°	5880.0	5582.0	5352.0	5082.0	4800.0	4594.0	4428.0	4256.0	4106.0	3952.0	3776.0
35°	6592.0	6448.0	6150.1	5656.0	5372.0	5122.0	4938.0	4729.9	4546.0	4274.0	4006.0
37.5°	7396.0	7062.0	6700.0	6426.0	6104.0	5814.0	5506.0	5270.1	4952.0	4586.0	4206.0
40°	8569.9	8092.0	7656.0	7288.0	6872.0	6568.0	6224.0	5882.0	5460.0	4929.9	4408.0
42.5°	9796.0	9302.0	8726.0	8248.0	7758.0	7402.0	6976.0	6496.0	5876.0	5220.0	4582.0
45°	11082.0	10422.0	9732.0	9148.0	8638.0	8196.0	7668.0	7032.0	6276.0	5480.0	4744.0
47.5°	12350.1	11592.0	10769.9	10142.0	9478.0	8938.0	8289.9	7486.0	6588.0	5726.0	4906.0
50°	13468.0	12738.0	11748.0	10950.1	10278.0	9612.0	8804.0	7836.0	6834.0	5938.0	5052.0
52.5°	14432.0	13804.0	12762.0	11754.0	10980.0	10232.0	9218.0	8118.0	7082.0	6134.0	5172.0
55°	15140.0	14722.0	13762.0	12512.0	11598.0	10706.0	9568.0	8390.1	7316.0	6289.9	5249.9
57.5°	15674.0	15442.0	14618.0	13226.0	12166.0	11166.0	9929.9	8716.0	7548.0	6424.0	5286.0
60°	15966.0	16030.1	15266.0	13849.9	12668.0	11550.1	10292.0	8994.0	7720.0	6502.0	5266.0
62.5°	15938.0	16329.9	15752.0	14234.0	12960.0	11778.0	10536.0	9124.0	7696.0	6378.0	5084.0
63°	15884.0	16340.0	15806.0	14260.0	12978.0	11786.0	10542.0	9106.0	7646.0	6318.0	5012.0
65°	15418.0	16110.1	15760.0	14142.0	12818.0	11636.0	10416.0	8846.0	7294.0	5996.0	4642.0
67.5°	14169.9	15036.0	14936.0	13308.0	12060.0	11016.0	9772.0	8008.0	6424.0	5204.0	3934.0
70°	12108.0	12922.0	12940.0	11574.0	10532.0	9508.0	8474.0	6516.0	5092.0	4034.0	2934.0
72.5°	9280.0	9804.0	9986.0	9086.0	8388.0	7668.0	6740.0	4729.9	3630.1	2744.0	1910.1
75°	7186.0	7042.0	7040.0	6660.0	6376.0	6024.0	5004.0	3192.0	2384.0	1784.0	1168.0
77.5°	6460.0	5820.0	5200.0	4744.0	4516.0	4398.0	3282.0	1924.0	1406.0	1026.0	672.0
80°	5328.0	4384.0	3542.0	3049.9	2854.0	2990.1	1830.1	1040.0	769.9	584.0	436.0
82.5°	3674.0	3049.9	2318.0	1920.0	1648.0	1724.0	936.0	532.0	356.0	326.0	270.1
85°	1914.0	1678.0	1416.0	1216.0	1074.0	944.0	486.0	254.0	148.0	129.9	118.0
87.5°	0.0	2.0	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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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0
2.5°	2116.0	2114.0	2118.0	2120.0	2126.0	2129.9	2132.0	2128.0	2134.0	2140.0	2136.0
5°	2172.0	2186.0	2188.0	2194.0	2194.0	2206.0	2206.0	2206.0	2204.0	2206.0	2202.0
7.5°	2220.0	2238.0	2240.0	2248.0	2249.9	2264.0	2258.0	2262.0	2262.0	2252.0	2248.0
10°	2226.0	2244.0	2254.0	2264.0	2278.0	2296.0	2296.0	2306.0	2306.0	2298.0	2296.0
12.5°	2228.0	2242.0	2252.0	2266.0	2286.0	2312.0	2326.0	2340.0	2346.0	2344.0	2338.0
15°	2269.9	2269.9	2272.0	2284.0	2298.0	2329.9	2350.1	2366.0	2376.0	2372.0	2362.0
17.5°	2380.0	2364.0	2352.0	2332.0	2336.0	2352.0	2364.0	2378.0	2380.0	2376.0	2360.0
20°	2508.0	2488.0	2458.0	2426.0	2409.9	2398.0	2390.1	2390.1	2384.0	2364.0	2338.0
22.5°	2689.9	2664.0	2622.0	2574.0	2542.0	2504.0	2458.0	2414.0	2366.0	2318.0	2262.0
25°	2942.0	2906.0	2862.0	2788.0	2720.0	2640.0	2546.0	2448.0	2334.0	2234.0	2152.0
27.5°	3196.0	3116.0	3002.0	2900.0	2774.0	2654.0	2520.0	2400.0	2254.0	2134.0	2044.0
30°	3406.0	3254.0	3089.9	2928.0	2762.0	2600.0	2440.0	2296.0	2136.0	2014.0	1926.0
32.5°	3568.0	3358.0	3129.9	2918.0	2714.0	2516.0	2332.0	2172.0	2009.9	1884.0	1790.1
35°	3718.0	3426.0	3136.0	2874.0	2622.0	2416.0	2208.0	2034.0	1862.0	1729.9	1628.0
37.5°	3830.1	3458.0	3100.0	2792.0	2502.0	2272.0	2060.0	1882.0	1706.0	1562.0	1446.0
40°	3902.0	3438.0	3022.0	2674.0	2360.0	2118.0	1902.0	1718.0	1548.0	1390.1	1249.9
42.5°	3960.0	3412.0	2944.0	2566.0	2248.0	1984.0	1762.0	1564.0	1392.0	1220.0	1066.0
45°	4046.0	3432.0	2910.1	2489.9	2148.0	1870.1	1626.0	1420.0	1240.0	1072.0	924.0
47.5°	4129.9	3442.0	2860.0	2396.0	2022.0	1752.0	1504.0	1304.0	1120.0	966.0	829.9
50°	4206.0	3436.0	2782.0	2276.0	1900.0	1634.0	1394.0	1194.0	1012.0	870.1	742.0
52.5°	4242.0	3402.0	2686.0	2160.0	1802.0	1529.9	1286.0	1092.0	912.0	778.0	660.0
55°	4238.0	3314.0	2560.0	2049.9	1694.0	1420.0	1180.0	988.0	826.0	702.0	600.0
57.5°	4178.0	3178.0	2426.0	1928.0	1552.0	1284.0	1056.0	870.1	734.0	629.9	544.0
60°	4052.0	3004.0	2249.9	1750.1	1374.0	1116.0	902.0	742.0	632.0	552.0	496.0
62.5°	3816.0	2754.0	2030.1	1502.0	1134.0	898.0	712.0	608.0	526.0	478.0	452.0
63°	3746.0	2686.0	1936.0	1442.0	1078.0	848.0	672.0	564.0	504.0	462.0	438.0
65°	3398.0	2352.0	1620.0	1164.0	838.0	654.0	540.0	458.0	422.0	404.0	402.0
67.5°	2752.0	1849.9	1146.0	798.0	569.9	472.0	414.0	380.0	364.0	360.0	364.0
70°	1932.0	1168.0	728.0	529.9	422.0	380.0	354.0	340.0	329.9	332.0	336.0
72.5°	1232.0	700.0	500.0	402.0	356.0	334.0	322.0	318.0	316.0	314.0	314.0
75°	702.0	466.0	384.0	348.0	324.0	306.0	296.0	292.0	294.0	296.0	292.0
77.5°	464.0	384.0	342.0	318.0	296.0	276.0	270.1	268.0	272.0	276.0	276.0
80°	366.0	342.0	318.0	294.0	258.0	244.0	248.0	249.9	248.0	249.9	244.0
82.5°	258.0	254.0	260.0	249.9	214.0	202.0	198.0	200.0	196.0	196.0	192.0
85°	120.0	120.0	126.0	126.0	122.0	124.0	134.0	146.0	152.0	146.0	138.0
87.5°	0.0	0.0	0.0	0.0	0.0	18.0	36.0	52.0	56.0	70.1	68.0
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: P152760

CATALOG NUMBER: VXS-E06-LED-E1-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0
2.5°	2129.9	2134.0	2132.0	2129.9	2134.0	2129.9	2132.0	2129.9	2129.9	2128.0	2128.0
5°	2198.0	2204.0	2192.0	2190.1	2186.0	2176.0	2176.0	2172.0	2172.0	2164.0	2158.0
7.5°	2242.0	2244.0	2234.0	2232.0	2222.0	2212.0	2204.0	2196.0	2194.0	2188.0	2176.0
10°	2284.0	2280.0	2272.0	2262.0	2252.0	2238.0	2228.0	2218.0	2216.0	2206.0	2192.0
12.5°	2320.0	2318.0	2302.0	2292.0	2276.0	2262.0	2249.9	2238.0	2232.0	2220.0	2200.0
15°	2344.0	2332.0	2312.0	2294.0	2276.0	2260.0	2246.0	2232.0	2226.0	2212.0	2192.0
17.5°	2334.0	2312.0	2286.0	2264.0	2240.0	2220.0	2208.0	2194.0	2184.0	2176.0	2148.0
20°	2298.0	2266.0	2226.0	2200.0	2168.0	2142.0	2134.0	2120.0	2112.0	2082.0	2046.0
22.5°	2204.0	2158.0	2108.0	2070.1	2034.0	2008.0	1988.0	1974.0	1954.0	1936.0	1880.0
25°	2086.0	2034.0	1982.0	1936.0	1888.0	1848.0	1812.0	1778.0	1768.0	1729.9	1676.0
27.5°	1972.0	1914.0	1862.0	1808.0	1746.0	1696.0	1634.0	1586.0	1554.0	1514.0	1464.0
30°	1849.9	1792.0	1722.0	1649.9	1578.0	1524.0	1454.0	1396.0	1356.0	1314.0	1268.0
32.5°	1696.0	1626.0	1542.0	1462.0	1396.0	1332.0	1262.0	1206.0	1166.0	1128.0	1084.0
35°	1520.0	1428.0	1338.0	1249.9	1180.0	1126.0	1064.0	1022.0	994.0	960.0	914.0
37.5°	1318.0	1214.0	1118.0	1049.9	988.0	936.0	892.0	866.0	836.0	818.0	790.1
40°	1114.0	1012.0	918.0	856.0	804.0	774.0	750.1	744.0	724.0	700.0	682.0
42.5°	934.0	836.0	744.0	694.0	660.0	652.0	640.0	640.0	629.9	612.0	600.0
45°	812.0	710.1	629.9	594.0	576.0	574.0	568.0	568.0	566.0	558.0	544.0
47.5°	724.0	632.0	569.9	548.0	544.0	540.0	534.0	532.0	529.9	524.0	516.0
50°	644.0	566.0	526.0	516.0	518.0	512.0	506.0	500.0	498.0	492.0	484.0
52.5°	569.9	514.0	488.0	482.0	482.0	482.0	478.0	478.0	474.0	472.0	464.0
55°	528.0	486.0	472.0	470.1	468.0	466.0	462.0	462.0	458.0	456.0	446.0
57.5°	492.0	466.0	458.0	454.0	452.0	448.0	446.0	446.0	446.0	446.0	434.0
60°	464.0	452.0	449.9	446.0	444.0	436.0	432.0	430.1	432.0	434.0	422.0
62.5°	434.0	432.0	430.1	426.0	424.0	416.0	409.9	406.0	409.9	414.0	412.0
63°	426.0	424.0	424.0	422.0	420.0	409.9	404.0	400.0	404.0	408.0	408.0
65°	398.0	400.0	400.0	398.0	396.0	389.9	382.0	378.0	380.0	386.0	388.0
67.5°	368.0	369.9	368.0	369.9	368.0	364.0	358.0	354.0	352.0	354.0	356.0
70°	340.0	344.0	342.0	340.0	338.0	338.0	334.0	328.0	326.0	324.0	324.0
72.5°	316.0	316.0	312.0	312.0	310.1	310.1	306.0	300.0	298.0	298.0	294.0
75°	289.9	289.9	284.0	284.0	280.0	282.0	278.0	272.0	270.1	270.1	268.0
77.5°	274.0	268.0	258.0	256.0	254.0	254.0	252.0	246.0	244.0	244.0	242.0
80°	242.0	230.1	220.0	218.0	220.0	224.0	224.0	220.0	220.0	220.0	220.0
82.5°	188.0	184.0	178.0	174.0	174.0	180.0	188.0	192.0	196.0	200.0	200.0
85°	138.0	140.0	138.0	132.0	129.9	136.0	144.0	152.0	154.0	162.0	160.0
87.5°	74.0	76.0	70.1	68.0	74.0	78.0	86.0	88.0	92.0	94.0	96.0
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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CATALOG NUMBER: VXS-E06-LED-E1-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0
2.5°	2126.0	2124.0	2126.0	2122.0	2122.0	2118.0	2114.0	2112.0	2108.0	2106.0	2102.0
5°	2162.0	2156.0	2150.1	2148.0	2140.0	2132.0	2126.0	2116.0	2108.0	2094.0	2089.9
7.5°	2186.0	2172.0	2164.0	2162.0	2150.1	2144.0	2129.9	2118.0	2106.0	2088.0	2082.0
10°	2196.0	2182.0	2168.0	2162.0	2148.0	2138.0	2124.0	2106.0	2096.0	2078.0	2074.0
12.5°	2208.0	2182.0	2160.0	2144.0	2124.0	2102.0	2088.0	2078.0	2064.0	2054.0	2049.9
15°	2186.0	2152.0	2118.0	2088.0	2056.0	2032.0	2018.0	2002.0	1986.0	1980.0	1980.0
17.5°	2126.0	2082.0	2024.0	1986.0	1952.0	1926.0	1908.0	1892.0	1889.9	1882.0	1886.0
20°	2002.0	1944.0	1888.0	1860.0	1840.0	1824.0	1806.0	1798.0	1792.0	1780.0	1776.0
22.5°	1830.1	1782.0	1742.0	1722.0	1706.0	1686.0	1670.1	1646.0	1640.0	1628.0	1622.0
25°	1640.0	1602.0	1568.0	1554.0	1544.0	1516.0	1506.0	1474.0	1452.0	1438.0	1446.0
27.5°	1449.9	1422.0	1390.1	1372.0	1366.0	1340.0	1329.9	1294.0	1276.0	1276.0	1256.0
30°	1254.0	1228.0	1208.0	1188.0	1184.0	1152.0	1126.0	1112.0	1092.0	1084.0	1070.1
32.5°	1070.1	1044.0	1028.0	1018.0	1002.0	976.0	950.1	926.0	894.0	882.0	876.0
35°	900.0	880.0	860.0	852.0	829.9	802.0	769.9	750.1	712.0	698.0	692.0
37.5°	769.9	746.0	732.0	710.1	688.0	658.0	634.0	616.0	602.0	596.0	596.0
40°	666.0	648.0	632.0	614.0	596.0	580.0	568.0	564.0	562.0	562.0	566.0
42.5°	588.0	572.0	564.0	554.0	548.0	548.0	546.0	548.0	550.1	552.0	558.0
45°	536.0	526.0	522.0	520.0	524.0	528.0	529.9	534.0	542.0	546.0	548.0
47.5°	508.0	500.0	498.0	500.0	506.0	514.0	522.0	528.0	534.0	536.0	538.0
50°	480.0	470.1	466.0	470.1	478.0	489.9	496.0	506.0	510.1	514.0	510.1
52.5°	456.0	448.0	446.0	446.0	454.0	462.0	470.1	478.0	480.0	480.0	478.0
55°	436.0	430.1	424.0	428.0	434.0	442.0	454.0	460.0	464.0	466.0	466.0
57.5°	420.0	414.0	408.0	412.0	418.0	426.0	438.0	444.0	448.0	454.0	456.0
60°	408.0	400.0	394.0	400.0	406.0	418.0	428.0	434.0	444.0	446.0	446.0
62.5°	396.0	388.0	378.0	384.0	384.0	389.9	400.0	408.0	418.0	422.0	422.0
63°	394.0	386.0	376.0	380.0	380.0	384.0	392.0	400.0	412.0	416.0	414.0
65°	378.0	376.0	366.0	366.0	362.0	366.0	372.0	380.0	386.0	392.0	392.0
67.5°	352.0	350.1	348.0	348.0	348.0	352.0	356.0	362.0	368.0	372.0	369.9
70°	322.0	322.0	322.0	324.0	324.0	328.0	329.9	328.0	334.0	338.0	336.0
72.5°	296.0	294.0	292.0	296.0	294.0	294.0	298.0	296.0	302.0	302.0	304.0
75°	268.0	266.0	266.0	268.0	264.0	260.0	262.0	262.0	264.0	264.0	268.0
77.5°	244.0	244.0	244.0	242.0	238.0	236.0	234.0	234.0	234.0	234.0	236.0
80°	222.0	222.0	222.0	220.0	216.0	212.0	208.0	206.0	204.0	194.0	194.0
82.5°	200.0	200.0	200.0	200.0	198.0	194.0	188.0	172.0	164.0	156.0	158.0
85°	158.0	162.0	166.0	172.0	169.9	169.9	158.0	138.0	126.0	118.0	120.0
87.5°	102.0	89.9	89.9	88.0	84.0	80.0	80.0	68.0	56.0	49.9	52.0
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°	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0	0°
2.5°	2102.0	2098.0	2094.0	2094.0	2088.0	2088.0	2084.0	2092.0	2084.0	2078.0	2078.0	2.5°
5°	2086.0	2082.0	2070.1	2068.0	2060.0	2060.0	2060.0	2056.0	2056.0	2052.0	2049.9	5°
7.5°	2076.0	2066.0	2056.0	2049.9	2049.9	2046.0	2054.0	2049.9	2052.0	2052.0	2054.0	7.5°
10°	2068.0	2060.0	2056.0	2054.0	2054.0	2060.0	2066.0	2068.0	2066.0	2068.0	2068.0	10°
12.5°	2048.0	2052.0	2054.0	2062.0	2072.0	2084.0	2098.0	2100.0	2104.0	2104.0	2108.0	12.5°
15°	1984.0	1994.0	2006.0	2026.0	2052.0	2078.0	2104.0	2126.0	2146.0	2156.0	2164.0	15°
17.5°	1894.0	1904.0	1926.0	1948.0	1982.0	2020.0	2064.0	2102.0	2144.0	2182.0	2220.0	17.5°
20°	1772.0	1788.0	1794.0	1834.0	1874.0	1926.0	1978.0	2038.0	2110.1	2182.0	2256.0	20°
22.5°	1614.0	1632.0	1660.0	1692.0	1734.0	1798.0	1860.0	1954.0	2049.9	2152.0	2268.0	22.5°
25°	1438.0	1458.0	1482.0	1516.0	1558.0	1626.0	1716.0	1816.0	1934.0	2068.0	2212.0	25°
27.5°	1256.0	1276.0	1296.0	1320.0	1368.0	1440.0	1546.0	1649.9	1780.0	1926.0	2094.0	27.5°
30°	1074.0	1076.0	1088.0	1118.0	1168.0	1262.0	1340.0	1470.1	1606.0	1760.0	1954.0	30°
32.5°	874.0	872.0	886.0	912.0	960.0	1049.9	1146.0	1272.0	1406.0	1600.0	1800.0	32.5°
35°	696.0	696.0	722.0	748.0	802.0	866.0	950.1	1062.0	1220.0	1400.0	1600.0	35°
37.5°	602.0	616.0	632.0	658.0	700.0	750.1	824.0	922.0	1046.0	1218.0	1402.0	37.5°
40°	572.0	580.0	594.0	618.0	654.0	700.0	754.0	828.0	924.0	1062.0	1230.1	40°
42.5°	560.0	562.0	569.9	588.0	620.0	666.0	722.0	788.0	860.0	958.0	1104.0	42.5°
45°	548.0	546.0	550.1	564.0	590.1	642.0	706.0	778.0	849.9	932.0	1052.0	45°
47.5°	538.0	538.0	538.0	544.0	568.0	620.0	694.0	778.0	864.0	956.0	1074.0	47.5°
50°	510.1	508.0	508.0	512.0	529.9	586.0	674.0	776.0	888.0	1008.0	1142.0	50°
52.5°	478.0	478.0	480.0	482.0	498.0	554.0	652.0	776.0	916.0	1076.0	1244.0	52.5°
55°	468.0	470.1	472.0	470.1	482.0	529.9	628.0	764.0	928.0	1129.9	1354.0	55°
57.5°	460.0	464.0	464.0	462.0	470.1	510.1	604.0	740.0	918.0	1150.1	1432.0	57.5°
60°	448.0	448.0	448.0	442.0	446.0	482.0	568.0	702.0	886.0	1132.0	1444.0	60°
62.5°	422.0	422.0	418.0	416.0	414.0	442.0	520.0	646.0	828.0	1084.0	1414.0	62.5°
63°	416.0	414.0	414.0	408.0	408.0	434.0	510.1	638.0	812.0	1072.0	1402.0	63°
65°	394.0	394.0	394.0	389.9	388.0	408.0	470.1	582.0	750.1	1016.0	1342.0	65°
67.5°	369.9	372.0	368.0	366.0	364.0	376.0	424.0	512.0	654.0	898.0	1230.1	67.5°
70°	336.0	338.0	338.0	336.0	334.0	342.0	372.0	440.0	542.0	748.0	1048.0	70°
72.5°	306.0	310.1	310.1	314.0	314.0	320.0	332.0	366.0	434.0	584.0	824.0	72.5°
75°	274.0	276.0	280.0	284.0	280.0	278.0	280.0	306.0	340.0	432.0	588.0	75°
77.5°	246.0	252.0	252.0	249.9	244.0	240.0	240.0	252.0	280.0	328.0	420.0	77.5°
80°	204.0	214.0	216.0	209.9	204.0	204.0	208.0	216.0	234.0	270.1	318.0	80°
82.5°	164.0	174.0	176.0	178.0	176.0	182.0	182.0	184.0	194.0	222.0	260.0	82.5°
85°	126.0	134.0	140.0	142.0	144.0	146.0	144.0	134.0	140.0	158.0	176.0	85°
87.5°	56.0	58.0	54.0	56.0	54.0	56.0	58.0	48.0	46.0	62.0	64.0	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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NUMBER: VXS-E06-LED-E1-SLL

DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
2098.0	2098.0	2098.0	2098.0	2098.0	2098.0	2098.0
2076.0	2076.0	2078.0	2074.0	2074.0	2076.0	2070.1
2044.0	2052.0	2052.0	2052.0	2048.0	2052.0	2054.0
2052.0	2058.0	2062.0	2062.0	2060.0	2068.0	2074.0
2062.0	2072.0	2076.0	2076.0	2076.0	2086.0	2100.0
2100.0	2108.0	2114.0	2114.0	2118.0	2129.9	2146.0
2169.9	2180.0	2180.0	2178.0	2190.1	2204.0	2222.0
2248.0	2276.0	2289.9	2288.0	2298.0	2316.0	2336.0
2322.0	2400.0	2434.0	2458.0	2468.0	2492.0	2498.0
2384.0	2514.0	2608.0	2688.0	2726.0	2750.1	2778.0
2362.0	2538.0	2706.0	2869.9	2986.0	3104.0	3154.0
2272.0	2492.0	2712.0	2952.0	3162.0	3372.0	3524.0
2162.0	2426.0	2722.0	3062.0	3394.0	3716.0	3972.0
2036.0	2364.0	2744.0	3164.0	3600.0	4022.0	4392.0
1878.0	2246.0	2689.9	3174.0	3688.0	4200.0	4680.0
1678.0	2086.0	2564.0	3102.0	3692.0	4278.0	4852.0
1478.0	1884.0	2404.0	2998.0	3640.0	4296.0	4960.0
1338.0	1704.0	2242.0	2866.0	3556.0	4268.0	5012.0
1242.0	1574.0	2098.0	2746.0	3466.0	4218.0	5020.0
1234.0	1518.0	2004.0	2658.0	3394.0	4174.0	5020.0
1302.0	1548.0	1972.0	2614.0	3364.0	4160.0	5024.0
1430.1	1668.0	2030.1	2648.0	3388.0	4178.0	5042.0
1584.0	1849.9	2186.0	2766.0	3489.9	4238.0	5082.0
1724.0	2060.0	2452.0	2994.0	3676.0	4389.9	5194.0
1806.0	2240.0	2734.0	3314.0	3994.0	4692.0	5418.0
1816.0	2340.0	2984.0	3662.0	4380.0	5038.0	5776.0
1808.0	2348.0	3016.0	3728.0	4462.0	5124.0	5900.0
1764.0	2350.1	3106.0	3960.0	4746.0	5486.0	6246.0
1652.0	2286.0	3138.0	4142.0	5104.0	5962.0	6892.0
1458.0	2104.0	3044.0	4146.0	5242.0	6228.0	7300.0
1172.0	1758.0	2638.0	3772.0	4878.0	5966.0	7194.0
858.0	1292.0	1994.0	2922.0	3980.0	4966.0	6162.0
569.9	836.0	1344.0	2082.0	2854.0	3574.0	4436.0
392.0	518.0	786.0	1252.0	1746.0	2096.0	2826.0
288.0	342.0	436.0	640.0	840.0	1034.0	1476.0
180.0	196.0	218.0	316.0	452.0	609.9	920.0
48.0	49.9	46.0	62.0	98.0	94.0	104.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)