

HAMILTON DIGITAL DESIGNS LTD.

VISION BY DESIGN

VISION MAX – SPECIFICATIONS

3.5HDD – Available in RED LEDs

- 3.5HDD represents a display with 3.5" tall characters.
- The maximum viewing distance for this character size is **158'**.
- This display is manufactured with Red LEDs with an Acrysteel face.
- All dimensions shown are based on outside box dimensions using our standard 5" box depth (excluding ventilation hoods).
- The font information is the two most basic font sizes - the 5 x 7 or the condensed 4 x 7
- HDD can supply these in any configuration based on multiples of 8, however the following graph gives some examples of our standard sizes available.

				COLUMNS	64	80	96	112	128	144	160	176	192
		BOX WIDTH		Feet	3' 3"	3' 11"	4' 7"	5' 3"	5' 11"	6' 7"	7' 3"	7' 11"	8' 7"
				Inches	39	47	55	63	71	79	87	95	103
				mm	991	1194	1397	1600	1803	2007	2210	2413	2616
ROWS													
16	2 LINE	Number of Pixels			1024	1280	1536	1792	2048	2304	2560	2816	3072
BOX HEIGHT	14	Inches	POWER	Watts	44	55	66	77	88	99	110	121	132
	356	mm	Amps @ 115V		0.50	0.50	0.75	0.75	1.00	1.00	1.00	1.25	1.25
32	4 LINES	Number of Pixels			2048	2560	3072	3584	4096	4608	5120	5632	6144
BOX HEIGHT	22	Inches	POWER	Watts	88	110	132	154	176	198	220	242	264
	559	mm	Amps @ 115V		1.00	1.00	1.50	1.50	2.00	2.00	2.00	2.50	2.50
48	6 LINES	Number of Pixels			3072	3840	4608	5376	6144	6912	7680	8448	9216
BOX HEIGHT	30	Inches	POWER	Watts	132	165	198	231	264	297	330	363	396
	762	mm	Amps @ 115V		1.50	1.50	2.00	2.00	2.50	3.00	3.00	3.50	3.50
64	8 LINES	Number of Pixels			4096	5120	6144	7168	8192	9216	10240	11264	12288
BOX HEIGHT	38	Inches	POWER	Watts	176	220	264	308	352	396	440	484	528
	965	mm	Amps @ 115V		2.00	2.00	2.50	3.00	3.50	3.50	4.00	4.50	5.00
Character / Line Using				4x7 Font	12	16	19	22	25	28	32	35	38
				5x7 Font	10	13	16	18	21	24	26	29	32

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VISION MAX – SPECIFICATIONS

6HDD – Available in RED LEDs

- 6HDD represents a display with 6" tall characters.
- The maximum viewing distance for this character size is **270'**.
- This display is manufactured with Red LEDs with an Acrysteel face.
- All dimensions shown are based on outside box dimensions using our standard 5" box depth (excluding ventilation hoods).
- The font information is the two most basic font sizes - the 5 x 7 or the condensed 4 x 7
- HDD can supply these in any configuration based on multiples of 8, however the following graph gives some examples of our standard sizes available.

				COLUMNS	64	72	80	88	96	104	112	120	128	160
		BOX WIDTH		Feet	5' 7"	6' 3"	6' 10"	7' 6"	8' 1"	8' 9"	9' 4"	10'	10' 7"	13' 1"
				Inches	67	75	82	90	97	105	112	120	127	157
				mm	1702	1905	2083	2286	2464	2667	2845	3048	3226	3988
ROWS	8	1 LINE	Number of Pixels		512	576	640	704	768	832	896	960	1024	1280
BOX HEIGHT	14	Inches	POWER	Watts	112	126	140	154	168	182	196	210	224	280
	356	mm	Amps @ 115V		1.00	1.25	1.25	1.50	1.50	1.75	1.75	2.00	2.00	2.50
16	2 LINES	Number of Pixels		1024	1152	1280	1408	1536	1664	1792	1920	2048	2560	
BOX HEIGHT	20.75	Inches	POWER	Watts	224	252	280	308	336	364	392	420	448	560
	527	mm	Amps @ 115V		2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	5.00
24	3 LINES	Number of Pixels		1536	1728	1920	2112	2304	2496	2688	2880	3072	3840	
BOX HEIGHT	29	Inches	POWER	Watts	336	378	420	462	504	546	588	630	672	840
	737	mm	Amps @ 115V		3.00	3.50	3.75	4.00	4.50	4.75	5.25	5.50	6.00	7.50
32	4 LINES	Number of Pixels		2048	2304	2560	2816	3072	3328	3584	3840	4096	5120	
BOX HEIGHT	36	Inches	POWER	Watts	448	504	560	616	672	728	784	840	896	1120
	914	mm	Amps @ 115V		4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	9.75
Character / Line Using				4x7 Font	12	14	16	17	19	20	22	24	25	32
				5x7 Font	10	12	13	14	16	17	18	20	21	26

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VISION MAX – SPECIFICATIONS

8HDD – Available in RED LEDs

- 8HDD represents a display with 8" tall characters.
- The maximum viewing distance for this character size is **360'**.
- This display is manufactured with Red LEDs with an Acrysteel face.
- All dimensions shown are based on outside box dimensions using our standard 5" box depth (excluding ventilation hoods).
- The font information is the two most basic font sizes - the 5 x 7 or the condensed 4 x 7
- HDD can supply these in any configuration based on multiples of 8, however the following graph gives some examples of our standard sizes available.

				COLUMNS	64	72	80	88	96	104	112	120	128
		BOX WIDTH		Feet	6' 11"	7' 9"	8' 6"	9' 4"	10' 1"	10' 11"	11' 8"	12' 6"	13' 3"
				Inches	83	93	102	112	121	131	140	150	159
				mm	2108	2362	2591	2845	3073	3327	3556	3810	4039
ROWS													
8	1 LINE			Number of Pixels	512	576	640	704	768	832	896	960	1024
BOX HEIGHT	15.5"	Inches	POWER	Watts	136	153	170	187	204	221	238	255	272
	394	mm		Amps @ 115V	1.50	1.50	1.50	1.75	2.00	2.00	2.25	2.25	2.50
16	2 LINES			Number of Pixels	1024	1152	1280	1408	1536	1664	1792	1920	2048
BOX HEIGHT	25	Inches	POWER	Watts	272	306	340	374	408	442	476	510	544
	635	mm		Amps @ 115V	2.50	2.75	3.00	3.25	3.75	4.00	4.25	4.50	4.75
24	3 LINES			Number of Pixels	1536	1728	1920	2112	2304	2496	2688	2880	3072
BOX HEIGHT	35	Inches	POWER	Watts	408	459	510	561	612	663	714	765	816
	876	mm		Amps @ 115V	3.75	4.00	4.50	5.00	5.50	5.75	6.25	6.75	7.00
32	4 LINES			Number of Pixels	2048	2304	2560	2816	3072	3328	3584	3840	4096
BOX HEIGHT	44	Inches	POWER	Watts	544	612	680	748	816	884	952	1020	1088
	1118	mm		Amps @ 115V	5.00	5.50	6.00	6.50	7.00	7.75	8.25	9.00	9.50
Character / Line Using				4x7 Font	12	14	16	17	19	20	22	24	25
				5x7 Font	10	12	13	14	16	17	18	20	21

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VISION MAX – SPECIFICATIONS

10HDD – Available in RED LEDs

- 10HDD represents a display with 10" tall characters.
- The maximum viewing distance for this character size is **450'**.
- This display is manufactured with Red LEDs with an Acrysteel face.
- All dimensions shown are based on outside box dimensions using our standard 5" box depth (excluding ventilation hoods).
- The font information is the two most basic font sizes - the 5 x 7 or the condensed 4 x 7
- HDD can supply these in any configuration based on multiples of 8, however the following graph gives some examples of our standard sizes available.

				COLUMNS	64	72	80	88	96	104	112
		BOX WIDTH		Feet	8' 4"	9' 4"	10' 4"	11' 3"	12' 3"	13' 3"	14' 2"
				Inches	100	112	124	135	147	159	170
				mm	2540	2845	3150	3429	3734	4039	4318
ROWS	8	1 LINE	Number of Pixels		512	576	640	704	768	832	896
BOX HEIGHT	18	Inches	POWER	Watts	216	243	270	297	324	351	378
	457	mm	Amps @ 115V		2.00	2.25	2.50	2.75	3.00	3.00	3.25
16	2 LINES	Number of Pixels			1024	1152	1280	1408	1536	1664	1792
BOX HEIGHT	30	Inches	POWER	Watts	432	486	540	592	644	696	748
	762	mm	Amps @ 115V		3.75	4.25	4.75	5.25	5.75	6.00	6.50
24	3 LINES	Number of Pixels			1536	1728	1920	2112	2304	2496	2688
BOX HEIGHT	41	Inches	POWER	Watts	648	729	810	891	972	1053	1134
	1041	mm	Amps @ 115V		5.75	6.50	7.00	7.75	8.50	9.25	10.00
Character / Line Using				4x7 Font	12	14	16	17	19	20	22
				5x7 Font	10	12	13	14	16	17	18

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VISION MAX – SPECIFICATIONS

12.5HDD – Available in RED LEDs

- 12.5HDD represents a display with 12.5" tall characters.
- The maximum viewing distance for this character size is **540'**.
- This display is manufactured with Red LEDs with an Acrysteel face.
- All dimensions shown are based on outside box dimensions using our standard 5" box depth (excluding ventilation hoods).
- The font information is the two most basic font sizes - the 5 x 7 or the condensed 4 x 7
- HDD can supply these in any configuration based on multiples of 8, however the following graph gives some examples of our standard sizes available.

				COLUMNS	64	72	80	88
		BOX WIDTH		Feet	10' 6"	11' 9"	13'	14' 3"
				Inches	126	141	156	171
				mm	3200	3581	3962	4343
ROWS	8	1 LINE	Number of Pixels	512	576	640	704	
BOX HEIGHT	21	Inches	POWER	Watts	240	270	300	330
	533	mm	Amps @ 115V		2.00	2.50	2.75	3.00
ROWS	16	2 LINES	Number of Pixels	1024	1152	1280	1408	
BOX HEIGHT	36	Inches	POWER	Watts	480	540	600	660
	914	mm	Amps @ 115V		4.25	4.75	5.25	5.75
Character / Line Using				4x7 Font	12	14	16	17
				5x7 Font	10	12	13	14

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VISION MAX – SPECIFICATIONS

9HDD 4x1 – Available in RED or Amber

- 9HDD represents a display with 9" tall characters.
- The maximum viewing distance for this character size is **405'**.
- This display is constructed by connecting individual modules, known as 4x1 modules.
- There are four pixels embedded onto each module at a **pitch of 1.34" (34mm)** center to center.
- Each pixel consists of 4 LEDs (Available in Red or Amber).
- All dimensions shown are based on outside box dimensions using our standard 6.75" box depth (excluding ventilation hoods).
- HDD can supply these in any configuration based on multiples of 8, however the following graph gives some examples of our standard sizes available.

				COLUMNS	64	72	80	88	96	104	112	120	128
		BOX WIDTH		Feet	7' 6"	8' 4"	9' 3"	10' 2"	11' 1"	11' 11"	12' 10"	13' 9"	14' 7"
				Inches	90	100	111	122	133	143	154	165	175
				mm	2278	2550	2822	3094	3366	3638	3910	4182	4454
ROWS	7	1 LINE	Number of Pixels		448	504	560	616	672	728	784	840	896
BOX HEIGHT	13	Inches	POWER	Watts	130	150	170	180	200	220	240	250	270
	330	mm	Amps @ 115V		1.00	1.25	1.50	1.75	1.75	2.00	2.00	2.00	2.25
16	2 LINES	Number of Pixels		1024	1152	1280	1408	1536	1664	1792	1920	2048	
BOX HEIGHT	26	Inches	POWER	Watts	310	350	380	420	460	500	540	580	610
	660	mm	Amps @ 115V		2.75	3.00	3.25	3.75	4.00	4.25	4.75	5.00	5.50
24	3 LINES	Number of Pixels		1536	1728	1920	2112	2304	2496	2688	2880	3072	
BOX HEIGHT	36	Inches	POWER	Watts	460	570	580	630	690	750	810	860	920
	914	mm	Amps @ 115V		4.00	5.00	5.00	5.50	6.00	6.50	7.00	7.50	8.00
32	4 LINES	Number of Pixels		2048	2304	2560	2816	3072	3328	3584	3840	4096	
BOX HEIGHT	47	Inches	POWER	Watts	610	690	770	840	920	1000	1080	1150	1230
	1194	mm	Amps @ 115V		5.50	6.00	6.75	7.50	8.00	8.75	9.50	10.00	10.75
Character / Line Using				4x7 Font	12	14	16	17	19	20	22	24	25
				5x7 Font	10	12	13	14	16	17	18	20	21

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VISION MAX – SPECIFICATIONS

9HDD 4x1 RGB – Available in RGB

- 9HDD represents a display with 9" tall characters with up to 16 colours available.
- The maximum viewing distance for this character size is **405'**.
- This display is constructed by connecting individual modules, known as 4x1 modules.
- There are four pixels embedded onto each module at a **pitch of 1.34" (34mm)** center to center.
- Each pixel consists of 9 LEDs.
- All dimensions shown are based on outside box dimensions using our standard 6.75" box depth (excluding ventilation hoods).
- HDD can supply these in any configuration based on multiples of 8, however the following graph gives some examples of our standard sizes available.

				COLUMNS	64	72	80	88	96	104	112	120	128	
				BOX WIDTH	Feet	7' 6"	8' 4"	9' 3"	10' 2"	11' 1"	11' 11"	12' 10"	13' 9"	14' 7"
					Inches	90	100	111	122	133	143	154	165	175
					mm	2278	2550	2822	3094	3366	3638	3910	4182	4454
ROWS	7	1 LINE	Number of Pixels		448	504	560	616	672	728	784	840	896	
BOX HEIGHT	13	Inches	POWER	Watts	320	360	400	445	480	525	560	600	645	
	330	mm		Amps @ 115V	3	3	3	4	4	5	5	5	6	
ROWS	16	2 LINES	Number of Pixels		1024	1152	1280	1408	1536	1664	1792	1920	2048	
BOX HEIGHT	26	Inches	POWER	Watts	730	830	920	1010	1100	2000	1300	1380	1475	
	660	mm		Amps @ 115V	6	7	8	9	10	17	11	12	13	
ROWS	24	3 LINES	Number of Pixels		1536	1728	1920	2112	2304	2496	2688	2880	3072	
BOX HEIGHT	36	Inches	POWER	Watts	1100	1240	1380	1520	1650	1800	1925	2075	2200	
	914	mm		Amps @ 115V	10	11	12	13	14	16	17	18	19	
ROWS	32	4 LINES	Number of Pixels		2048	2304	2560	2816	3072	3328	3584	3840	4096	
BOX HEIGHT	47	Inches	POWER	Watts	1475	1660	1840	2025	2210	2400	2580	2760	2950	
	1194	mm		Amps @ 115V	13	14	16	18	19	21	22	24	26	
Character / Line Using					4x7 Font	12	14	16	17	19	20	22	24	25
					5x7 Font	10	12	13	14	16	17	18	20	21

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VISION MAX – SPECIFICATIONS

12HDD 4x1 – Available in RED or Amber

- 12HDD represents a display with 12" tall characters.
- The maximum viewing distance for this character size is **540'**.
- This display is constructed by connecting individual modules, known as 4x1 modules.
- There are four pixels embedded onto each module at a **pitch of 1.75" (44.45mm)** center to center.
- Each pixel consists of 10 LEDs (Available in Red or Amber).
- All dimensions shown are based on outside box dimensions using our standard 6.75" box depth (excluding ventilation hoods).
- HDD can supply these in any configuration based on multiples of 8, however the following graph gives some examples of our standard sizes available.

				COLUMNS	64	72	80	88	96	104	112	120	128	
				BOX WIDTH	Feet	9' 8"	10' 10"	12"	13' 2"	14' 4"	15' 6"	16' 8"	17' 10"	19"
				BOX WIDTH	Inches	116	130	144	158	172	186	200	214	228
				BOX WIDTH	mm	2946	3302	3658	4013	4369	4724	5080	5436	5791
ROWS	7	1 LINE	Number of Pixels		448	504	560	616	672	728	784	840	896	
BOX HEIGHT	17	Inches	POWER	Watts	270	300	340	370	400	440	470	500	540	
	432	mm	Amps @ 115V		2.25	2.75	3.00	3.25	3.50	4.00	4.00	4.50	4.75	
ROWS	16	2 LINES	Number of Pixels		1024	1152	1280	1408	1536	1664	1792	1920	2048	
BOX HEIGHT	32	Inches	POWER	Watts	610	690	770	840	920	1000	1080	1150	1230	
	813	mm	Amps @ 115V		5.25	6.00	6.75	7.25	8.00	8.75	9.50	10.00	10.75	
ROWS	24	3 LINES	Number of Pixels		1536	1728	1920	2112	2304	2496	2688	2880	3072	
BOX HEIGHT	46	Inches	POWER	Watts	920	1040	1150	1270	1380	1500	1610	1730	1840	
	1168	mm	Amps @ 115V		8.00	9.00	10.00	11.00	12.00	13.00	14.00	15.00	16.00	
ROWS	32	4 LINES	Number of Pixels		2048	2304	2560	2816	3072	3328	3584	3840	4096	
BOX HEIGHT	60	Inches	POWER	Watts	1230	1380	1540	1690	1840	2000	2150	2300	2460	
	1524	mm	Amps @ 115V		10.75	12.00	13.50	14.75	16.00	17.50	18.75	20.00	21.50	
Character / Line Using				4x7 Font	12	14	16	17	19	20	22	24	25	
				5x7 Font	10	12	13	14	16	17	18	20	21	

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VISION MAX – SPECIFICATIONS

18HDD 4x1 – Available in RED or Amber

- 18HDD represents a display with 18" tall characters.
- The maximum viewing distance for this character size is **810'**.
- This display is constructed by connecting individual modules, known as 4x1 modules.
- There are four pixels embedded onto each module at a **pitch of 2.66" (67.5mm)** center to center.
- Each pixel consists of 14 LEDs (Available in Red or Amber).
- All dimensions shown are based on outside box dimensions using our standard 6.75" box depth (excluding ventilation hoods).
- HDD can supply these in any configuration based on multiples of 8, however the following graph gives some examples of our standard sizes available.

				COLUMNS	64	72	80	88	96	104	112	120	128
		BOX WIDTH		Feet	14' 6"	16' 3"	18' 1"	19' 10"	21' 7"	23' 4"	25' 2"	26' 11"	28' 8"
				Inches	174	195	217	238	259	280	302	323	344
				mm	4422	4962	5502	6042	6582	7122	7662	8202	8742
ROWS	7	1 LINE	Number of Pixels		448	504	560	616	672	728	784	840	896
BOX HEIGHT	23	Inches	POWER	Watts	400	450	500	550	600	650	700	750	800
	584	mm	Amps @ 115V		3.50	4.00	4.25	4.75	5.25	5.75	6.00	6.50	7.00
16	2 LINES	Number of Pixels		1024	1152	1280	1408	1536	1664	1792	1920	2048	
BOX HEIGHT	46	Inches	POWER	Watts	920	1040	1150	1270	1380	1500	1610	1730	1840
	1168	mm	Amps @ 115V		8.00	9.00	10.00	11.00	12.00	13.00	14.00	15.00	16.00
24	3 LINES	Number of Pixels		1536	1728	1920	2112	2304	2496	2688	2880	3072	
BOX HEIGHT	68	Inches	POWER	Watts	1380	1560	1730	1900	2070	2250	2420	2590	1860
	1727	mm	Amps @ 115V		12.00	13.50	15.00	16.50	18.00	19.50	21.00	22.50	16.00
32	4 LINES	Number of Pixels		2048	2304	2560	2816	3072	3328	3584	3840	4096	
BOX HEIGHT	89	Inches	POWER	Watts	1840	2070	2300	2534	1860	3000	3230	3460	3690
	2261	mm	Amps @ 115V		16.00	18.00	20.00	22.00	16.00	26.00	28.00	30.00	32.00
Character / Line Using				4x7 Font	12	14	16	17	19	20	22	24	25
				5x7 Font	10	12	13	14	16	17	18	20	21

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VISION MAX – SPECIFICATIONS

21HDD – Available in RED or Amber

- 21HDD represents a display with 21" tall characters.
- The maximum viewing distance for this character size is **945'**.
- The 21" character use **2.5" diameter pixels**, also known as clusters, with a **3.08" pitch**.
- Each pixel consists of 27 LEDs (Available in Red or Amber)
- All dimensions shown are based on outside box dimensions using our standard 6.75" box depth (excluding ventilation hoods)
- HDD can supply these in any configuration based on multiples of 8, however the following graph gives some examples of our standard sizes available.

				COLUMNS	64	72	80	88	96	104	112	120	128	
				BOX WIDTH										
					Feet	16' 11"	18' 11"	21'	23'	25' 1"	27' 2"	29' 2"	31' 3"	33' 4"
					Inches	203	227	252	276	301	326	350	375	400
ROWS					mm	5145	5770	6396	7022	7648	8274	8900	9526	10151
7	1 LINE	Number of Pixels			448	504	560	616	672	728	784	840	896	
BOX HEIGHT	27	Inches	POWER	Watts	800	900	1000	1100	1200	1300	1400	1500	1600	
	685	mm	Amps @ 115V		7.00	8.00	8.75	9.50	10.50	11.00	12.00	13.00	14.00	
16	2 LINES	Number of Pixels			1024	1152	1280	1408	1536	1664	1792	1920	2048	
BOX HEIGHT	55	Inches	POWER	Watts	1840	2070	2300	2530	2760	3000	3230	3450	3690	
	1389	mm	Amps @ 115V		16.00	18.00	20.00	22.00	24.00	26.00	28.00	30.00	32.00	
24	3 LINES	Number of Pixels			1536	1728	1920	2112	2304	2496	2688	2880	3072	
BOX HEIGHT	79	Inches	POWER	Watts	2760	3110	3450	3800	4150	4490	4840	5180	5530	
	2015	mm	Amps @ 115V		24.00	27.00	30.00	33.00	36.00	39.00	42.00	45.00	48.00	
32	4 LINES	Number of Pixels			2048	2304	2560	2816	3072	3328	3584	3840	4096	
BOX HEIGHT	104	Inches	POWER	Watts	3690	4150	4610	5070	5530	5990	6450	6910	7370	
	2641	mm	Amps @ 115V		32.00	36.00	40.00	44.00	48.00	52.00	56.00	60.00	64.00	
Character / Line Using				4x7 Font	12	14	16	17	19	20	22	24	25	
				5x7 Font	10	12	13	14	16	17	18	20	21	

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HAMILTON DIGITAL DESIGNS LTD.

VISION BY DESIGN

VISION MAX – SPECIFICATIONS

24HDD – Available in RED or Amber

- 24HDD represents a display with 24" tall characters.
- The maximum viewing distance for this character size is **1080'**.
- The 24" character uses **2.5" diameter pixels**, also known as clusters, with a **3.58" pitch**.
- Each pixel consists of 27 LEDs (Available in Red or Amber)
- All dimensions shown are based on outside box dimensions using our standard 6.75" box depth (excluding ventilation hoods)
- HDD can supply these in any configuration based on multiples of 8, however the following graph gives some examples of our standard sizes available.

				COLUMNS	64	72	80	88	96	104	112	120	128	
				BOX WIDTH										
					Feet	19' 6"	21' 11"	24' 3"	26' 8"	29' 1"	31' 5"	33' 10"	36' 3"	38' 7"
					Inches	234	263	291	320	349	377	406	435	463
ROWS					mm	5945	6672	7400	8127	8854	9582	10309	11037	11764
7	1 LINE	Number of Pixels			448	504	560	616	672	728	784	840	896	
BOX HEIGHT	30	Inches	POWER	Watts	800	900	1000	1100	1200	1300	1400	1500	1600	
	761	mm	Amps @ 115V		7.00	8.00	8.75	9.50	10.50	11.25	12.00	13.00	14.00	
16	2 LINES	Number of Pixels			1024	1152	1280	1408	1536	1664	1792	1920	2048	
BOX HEIGHT	62	Inches	POWER	Watts	1840	2070	2300	2530	2760	3000	3230	3450	3690	
	1580	mm	Amps @ 115V		16.00	180.00	20.00	22.00	24.00	26.00	28.00	30.00	32.00	
24	3 LINES	Number of Pixels			1536	1728	1920	2112	2304	2496	2688	2880	3072	
BOX HEIGHT	91	Inches	POWER	Watts	2760	3110	3450	3800	4150	4490	4840	5180	5530	
	2307	mm	Amps @ 115V		24.00	27.00	30.00	33.00	36.00	39.00	42.00	45.00	48.00	
32	4 LINES	Number of Pixels			2048	2304	2560	2816	3072	3328	3584	3840	4096	
BOX HEIGHT	119	Inches	POWER	Watts	3690	4150	4610	5070	5530	5990	6450	6910	7370	
	3035	mm	Amps @ 115V		32.00	36.00	40.00	44.00	48.00	52.00	56.00	60.00	64.00	
Character / Line Using				4x7 Font	12	14	16	17	19	20	22	24	25	
				5x7 Font	10	12	13	14	16	17	18	20	21	

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HAMILTON DIGITAL DESIGNS LTD.

VISION BY DESIGN

VISION MAX – SPECIFICATIONS

32HDD – Available in RED or Amber

- 32HDD represents a display with 32" tall characters.
- The maximum viewing distance for this character size is **1440'**.
- The 32" character uses **3.5" diameter pixels**, also known as clusters, with a **4.75" pitch**.
- Each pixel consists of 40 LEDs (Available in Red or Amber)
- All dimensions shown are based on outside box dimensions using our standard 6.75" box depth (excluding ventilation hoods)
- HDD can supply these in any configuration based on multiples of 8, however the following graph gives some examples of our standard sizes available.

				COLUMNS	64	72	80	88	96	104	112	120	128	
				BOX WIDTH										
					Feet	25' 9"	28' 11"	32' 1"	35' 3"	38' 5"	41' 7"	44' 9"	47' 11"	51' 1"
					Inches	309	347	385	423	461	499	537	575	613
ROWS					mm	7842	8807	9773	10738	11703	12668	13633	14599	15564
7	1 LINE	Number of Pixels			448	504	560	616	672	728	784	840	896	
BOX HEIGHT	38	Inches	POWER	Watts	1340	1510	1680	1850	2020	2172	2350	2520	2690	
	965	mm	Amps @ 115V		11.75	13.00	14.75	16.00	17.50	19.00	20.50	22.00	23.50	
16	2 LINES	Number of Pixels			1024	1152	1280	1408	1536	1664	1792	1920	2048	
BOX HEIGHT	80	Inches	POWER	Watts	3070	3460	3840	4220	4610	4990	5380	5760	6140	
	2032	mm	Amps @ 115V		26.75	30.00	33.50	36.75	40.00	43.50	46.75	50.00	53.50	
24	3 LINES	Number of Pixels			1536	1728	1920	2112	2304	2496	2688	2880	3072	
BOX HEIGHT	118	Inches	POWER	Watts	4610	5180	5760	6340	6910	7490	8060	8640	9220	
	2987	mm	Amps @ 115V		40.00	45.00	50.09	55.00	60.00	65.25	70.00	75.00	80.25	
32	4 LINES	Number of Pixels			2048	2304	2560	2816	3072	3328	3584	3840	4096	
BOX HEIGHT	157	Inches	POWER	Watts	6140	6910	7680	8450	9220	9980	10750	11520	12290	
	3981	mm	Amps @ 115V		53.50	60.00	67.00	73.50	80.25	87.00	93.50	100.00	107.00	
Character / Line Using				4x7 Font	12	14	16	17	19	20	22	24	25	
				5x7 Font	10	12	13	14	16	17	18	20	21	

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HAMILTON DIGITAL DESIGNS LTD.

VISION BY DESIGN

VISION MAX – SPECIFICATIONS

36HDD – Available in RED or Amber

- 36HDD represents a display with 36" tall characters.
- The maximum viewing distance for this character size is **1620'**.
- The 36" character uses **3.5" diameter pixels**, also known as clusters, with a **5.42" pitch**.
- Each pixel consists of 40 LEDs (Available in Red or Amber)
- All dimensions shown are based on outside box dimensions using our standard 6.75" box depth (excluding ventilation hoods)
- HDD can supply these in any configuration based on multiples of 8, however the following graph gives some examples of our standard sizes available.

				COLUMNS	64	72	80	88	96	104	112	120	128	
				BOX WIDTH										
					Feet	29' 3"	32' 10"	36' 6"	40' 1"	43' 8"	47' 4"	50' 11"	54' 6"	58' 2"
					Inches	351	394	438	481	524	568	611	654	698
ROWS					mm	8914	10016	11117	12218	13320	14421	15522	16624	17725
7	1 LINE	Number of Pixels			448	504	560	616	672	728	784	840	896	
BOX HEIGHT	42	Inches	POWER	Watts	1340	1510	1680	1850	2020	2180	2350	2570	2690	
	1067	mm	Amps @ 115V		12	13	15	16	18	19	20	22	23	
16	2 LINES	Number of Pixels			1024	1152	1280	1408	1536	1664	1792	1920	2048	
BOX HEIGHT	91	Inches	POWER	Watts	3070	3460	3840	4220	4610	4990	5380	5760	6140	
	2306	mm	Amps @ 115V		27	30	22	37	40	43	47	50	53	
24	3 LINES	Number of Pixels			1536	1728	1920	2112	2304	2496	2688	2880	3072	
BOX HEIGHT	134	Inches	POWER	Watts	4610	5180	5760	6340	6910	7490	8060	8640	9220	
	3408	mm	Amps @ 115V		40	45	50	55	60	65	70	75	80	
32	4 LINES	Number of Pixels			2048	2304	2560	2816	3072	3328	3584	3840	4096	
BOX HEIGHT	178	Inches	POWER	Watts	6140	6910	7680	8450	9220	9980	10750	11520	12290	
	4509	mm	Amps @ 115V		53.25	60.00	66.75	73.50	80.00	86.75	93.50	100.00	106.25	
Character / Line Using				4x7 Font	12	14	16	17	19	20	22	24	25	
				5x7 Font	10	12	13	14	16	17	18	20	21	

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VISION BY DESIGN

VISION MAX – SPECIFICATIONS

42HDD – Available in RED or Amber

- 42HDD represents a display with 42" tall characters.
- The maximum viewing distance for this character size is **1890'**.
- The 42" character uses **3.5" diameter pixels**, also known as clusters, with a **6.42" pitch**.
- Each pixel consists of 40 LEDs (Available in Red or Amber)
- All dimensions shown are based on outside box dimensions using our standard 6.75" box depth (excluding ventilation hoods)
- HDD can supply these in any configuration based on multiples of 8, however the following graph gives some examples of our standard sizes available.

				COLUMNS	64	72	80	88	96	104	112	120	128	
				BOX WIDTH	Feet	34' 6"	38' 9"	43' 1"	47' 4"	51' 7"	55' 11"	60' 2"	64' 5"	68' 9"
					Inches	414	465	517	568	619	671	722	773	825
					mm	10515	11819	13124	14428	15733	17037	18342	19646	20951
ROWS	7	1 LINE	Number of Pixels		448	504	560	616	672	728	784	840	896	
BOX HEIGHT	48	Inches	POWER	Watts	1340	1510	1680	1850	2020	2172	2350	2520	2690	
	1220	mm	Amps @ 115V		11.75	13.00	14.75	16.00	17.50	19.00	20.50	22.00	23.50	
ROWS	16	2 LINES	Number of Pixels		1024	1152	1280	1408	1536	1664	1792	1920	2048	
BOX HEIGHT	106	Inches	POWER	Watts	3070	3460	3840	4220	4610	4990	5380	5760		
	2687	mm	Amps @ 115V		26.75	30.00	33.50	36.75	40.00	43.50	46.75	50.00	53.50	
ROWS	24	3 LINES	Number of Pixels		1536	1728	1920	2112	2304	2496	2688	2880	3072	
BOX HEIGHT	157	Inches	POWER	Watts	4610	5180	5760	6340	6910	7490	8060	8640	9220	
	3992	mm	Amps @ 115V		40.00	45.00	50.09	55.00	60.00	65.25	70.00	75.00	80.25	
ROWS	32	4 LINES	Number of Pixels		2048	2304	2560	2816	3072	3328	3584	3840	4096	
BOX HEIGHT	209	Inches	POWER	Watts	6140	6910	7680	8450	9220	9980	10750	11520	12290	
	5296	mm	Amps @ 115V		53.50	60.00	67.00	73.50	80.25	87.00	93.50	100.00	107.00	
Character / Line Using				4x7 Font	12	14	16	17	19	20	22	24	25	
				5x7 Font	10	12	13	14	16	17	18	20	21	

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