

# Replacement Lamps & Parallel LCD Displays

3 LEVELS OF SAVINGS  
**NAME BRANDS** **HOUSE BRANDS** **FACTORY OVERRUN**

JAMECO ValuePro

## Multi-Chip, Bayonet and Cluster Based LED Replacement Lamps (Continued)

★ Web Code: KBZ

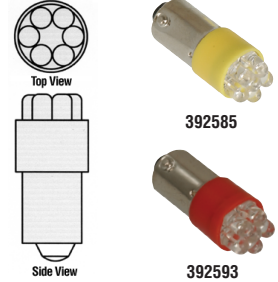
### 585 Series Non-Polarized

- Low current draw – 90% less energy than incandescent
- Mounts directly into industry standard socket
- No heat generated
- Long life – up to 100k hours

JAMECO EXCLUSIVE

### Cluster-Based LED T3 - Miniature Bayonet (BA9s)

- Replaces incandescent lamp numbers: 44, 47, 313, 755, 1815, 1819, 1847, 1850, 1866, 1889, 1891, 1892, 1893, and 1895



Part No.	Product No.	Color	Nominal Voltage	Forward Current (mA) typ.	Intensity (mcd) typ.	Wavelength (nm)	Pricing		
							1	10	100
392552	585-5223	Red	14	20	7000	630	\$4.95	\$4.49	\$3.95
392585	585-5523	Yellow	14	20	7000	588	4.95	4.49	3.95
392593	585-5225	Red	28	15	6500	630	4.95	4.49	3.95
392607	585-5325	Green	28	15	6000	525	4.95	4.49	3.95
392622	585-5525	Yellow	28	15	6000	588	4.95	4.49	3.95
392632	585-5256	Red	120VAC	5.5	6500	625	4.95	4.49	3.95
392649	585-5356	Green	120VAC	5.5	7000	525	4.95	4.49	3.95

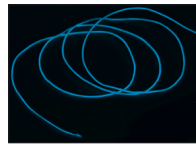
## velleman Electroluminescence Wire

★ Web Code: ELW

Imagine the possibilities of transforming ordinary objects with high tech visual effects. Wrap this fluorescent wire around any object such as musical instruments, models, science projects, and presentation boards. Super charge your projects with brilliant color.

- Powered by 2 AA batteries
- Length: 4.5'

Part No.	Mfr. Part No.	Color	1	10	25
263484	NWRB15	Blue	\$22.95	\$19.95	\$17.95
263492	NWRR15	Red	22.95	19.95	17.95



## Tech Closeout Center

Small Quantities Priced Near Cost  
 New Products and Accessories That Didn't Make The Catalog  
 Discontinued Consumer Products  
 And a few surprises...

[www.Jameco.com/TechCenter](http://www.Jameco.com/TechCenter)

## Parallel LCD Displays

- For detailed specification sheets, please visit [www.Jameco.com](http://www.Jameco.com).

★ Web Code: GCG

90-day Jameco Warranty



658890



210761



658902



1946050



320101



658953

Part No.	Manufacturer	Mfr. Part No.	Characters x Lines	Character Font	Input Data	Input Voltage	Letters-Backlight	Notes†	Module Size (W"xH"xD")	Display Size (W"xH")	Pricing		
											1	10	25
137373	Varitronix	MDLS16166D	16 x 1	5 x 8	8-bit	5.0V @ 0.6mA	Black-None	2, 3	3.1 x 1.4 x 0.4	2.5 x 0.5	\$8.95	\$7.95	\$6.95
1939571	Hitachi	LM071L	16 x 2	5 x 7	8-bit	5.0V @ 1.0mA	Black-None	—	3.1 x 1.4 x 0.4	2.5 x 0.5	8.95	7.95	6.95
618003	Hantronix	HDM716216H-5-3005	16 x 2	5 x 7	8-bit	5.0V @ 1.25mA	Black-None	—	3.2 x 1.4 x 0.3	2.5 x 0.5	9.95	8.95	7.95
658988	Hantronix	HDM716216L-7-8C0	16 x 2	5 x 7	8-bit	5.0V @ 2.0mA	Black-Yellow	3	4.8 x 1.7 x 0.6	3.9 x 0.9	11.95	10.95	8.95
658890	Hantronix	HDM716216H-B-P00P	16 x 2	5 x 7	8-bit	5.0V @ 2.2mA	Black-None	3	3.3 x 1.7 x 0.4	2.4 x 0.6	13.95	12.49	11.25
658881	Hantronix	HDM716216H-4-HOAF	16 x 2	5 x 7	8-bit	5.0V @ 2.2mA	Black-None	3	4.8 x 1.7 x 0.4	3.9 x 0.9	14.95	13.49	11.95
171716	Ampire	AC-162A	16 x 2	5 x 8	8-bit	5.5V @ 1.5mA	Black-Yellow/Green	2, 3	3.4 x 1.2 x 0.5	2.5 x 0.7	19.95	17.95	15.95
1954666	Tinsharp	TC1602Y-G	16 x 2	5 x 8	8-bit	5.0V @ 0.55mA	Black-Yellow/Green	—	3.1 x 1.4 x 0.4	2.5 x 0.4	9.95	8.95	7.95
1946068	Goldentek	C-1602A-1YN	16 x 2	5 x 8	8-bit	5.0V @ 1.0mA	Black-Yellow/Green	—	2.8 x 1.4 x 0.4	2.6 x 0.6	9.95	8.95	7.95
1585979	Tinsharp	TC1602B-B	16 x 2	5 x 8	8-bit	5.0V @ 1.3mA	Black-Blue	—	3.1 x 1.4 x 0.4	2.5 x 0.4	17.95	15.95	13.95
1954674	Tinsharp	TC1602B-W	16 x 2	5 x 8	8-bit	5.0V @ 1.3mA	White-Black	—	3.1 x 1.4 x 0.4	2.5 x 0.4	14.95	13.49	11.95
365982	PicVue	PVC160206QYL04	16 x 2	5 x 8	8-bit	5.0V @ 1.6mA	Black-Yellow/Green	—	3.3 x 1.2 x 0.5	2.4 x 0.63	13.95	12.49	10.95
2081166	Optrex	DMC16249	16 x 2	5 x 8	4-bit or 8-bit	5.0V @ 3.0mA	Black-Grey-None	—	3.1 x 1.4 x 0.4	2.5 x 0.5	9.95	8.95	7.95
210761	Various	UC-16401 (Samsung)	16 x 4	5 x 8	4-bit or 8-bit	6.5V @ 2.2mA	Black-None	1, 3	3.4 x 2.4 x 0.3	2.4 x 1.0	24.95	22.49	19.95
206615	Samsung	9936	20 x 1	5 x 7	4-bit or 8-bit	5.5V @ 3.0mA	Black-None	4	7.2 x 1.6 x 0.4	6.5 x 1.3	9.95	8.95	7.95
658902	Hantronix	HDM20216H-3+001P	20 x 2	5 x 7	8-bit	5.0V @ 2.2mA	Black-None	4	4.6 x 1.5 x 0.4	3.3 x 0.7	12.95	11.49	9.95
171724	Ampire	AC-202A	20 x 2	5 x 8	8-bit	5.0V @ 1.7mA	Black-Yellow/Green	2, 3	4.6 x 1.5 x 0.4	3.3 x 0.7	24.95	22.49	20.25
1946050	Goldentek	GM-C2004A	20 x 4	5 x 8	8-bit	5.0V @ 1.5mA	Blue-Grey	—	3.8 x 2.7 x 0.3	3.0 x 1.0	9.95	8.95	7.95
658911	Hantronix	HDM24216L-2-E30P	24 x 2	5 x 7	8-bit	5.0V @ 1.4mA	Black-Yellow/Green	3	4.6 x 1.4 x 0.6	2.4 x 0.6	16.95	14.95	12.95
320101	Solomon	LM1200SGR	24 x 2	5 x 7	8-bit	5.0V @ 3.0mA	Black-None	3	4.6 x 1.4 x 0.4	3.7 x 0.7	8.95	7.95	7.25
320039	Solomon	LM1030SGR	40 x 2	5 x 7	8-bit	5.0V @ 3.0mA	Black-None	3	7.2 x 1.2 x 0.3	6.0 x 0.6	11.95	10.95	9.95
658831	Hantronix	HDM402162H-4-S90P	40 x 2	5 x 7	8-bit	5.0V @ 2.2mA	Black-None	3	7.2 x 1.3 x 0.4	6.1 x 0.6	9.95	8.95	7.95
658929	Hantronix	HDM40216H-4-S9RP	40 x 2	5 x 7	8-bit	5.0V @ 2.2mA	Black-None	3	7.2 x 1.3 x 0.4	6.1 x 0.6	9.95	8.95	7.95
658937	Hantronix	HDM40216L-4-LCWF	40 x 2	5 x 7	8-bit	5.0V @ 3.0mA	Black-Yellow/Green	3	7.2 x 1.3 x 0.6	6.1 x 0.6	20.95	18.95	16.95
652332	Seiko Inst.	DMC4024	40 x 4	5 x 8	8-bit	5.0V @ 12mA	Black-None	—	7.5 x 2.1 x 0.4	5.5 x 0.9	22.95	19.95	16.95
658953	Hantronix	HDM64GS12L-4-N31S	128 x 64	128 x 64	8-bit	5.0V @ 2.0mA	Black-None	4	3.0 x 2.1 x 0.4	2.4 x 1.3	19.95	17.95	15.95

†1. Control LSI HD44780 & column driver MS5259 or equivalents; 2. Controller KS0066U or equivalent; 3. Recommend power supply P/N 164101, pg 122; 4. Dot Graphic LCD display

RoHS compliant product + This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 190.