LIGHT EMITTING DIODES (LED)

STANDARD T-1 3/4 (5mm)

<table>
<thead>
<tr>
<th>Color</th>
<th>Description</th>
<th>CAT#</th>
<th>Price</th>
<th>100</th>
<th>1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>RED</td>
<td>diffused</td>
<td>LED-1</td>
<td>10 for $1.00</td>
<td>.08</td>
<td>.05</td>
</tr>
<tr>
<td>RED</td>
<td>high-brightness</td>
<td>LED-10R</td>
<td>10 for $1.00</td>
<td>.08</td>
<td>.05</td>
</tr>
<tr>
<td>GREEN</td>
<td>diffused</td>
<td>LED-2</td>
<td>10 for $1.50</td>
<td>.12</td>
<td>.08</td>
</tr>
<tr>
<td>YELLOW</td>
<td>diffused</td>
<td>LED-3</td>
<td>10 for $1.50</td>
<td>.12</td>
<td>.08</td>
</tr>
<tr>
<td>AMBER</td>
<td>diffused</td>
<td>LED-173</td>
<td>10 for $1.50</td>
<td>.12</td>
<td>.08</td>
</tr>
<tr>
<td>AMBER</td>
<td>water clear</td>
<td>LED-275</td>
<td>10 for $1.00</td>
<td>.08</td>
<td>.05</td>
</tr>
</tbody>
</table>

ULTRA-BRIGHT T-1 3/4 (5mm)  
Improved brightness and color consistency.

<table>
<thead>
<tr>
<th>Color</th>
<th>Description</th>
<th>CAT#</th>
<th>Each</th>
<th>100</th>
<th>1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>AQUA</td>
<td>water clear in off state</td>
<td>LED-130</td>
<td>.60</td>
<td>.45</td>
<td>.30</td>
</tr>
<tr>
<td>RED</td>
<td>water clear in off state</td>
<td>LED-257</td>
<td>.35</td>
<td>.28</td>
<td>.17</td>
</tr>
<tr>
<td>RED</td>
<td>our “brightest red,” water clear in off-state</td>
<td>LED-233</td>
<td>.50</td>
<td>.40</td>
<td>.25</td>
</tr>
<tr>
<td>BLUE</td>
<td>water clear in off-state, 20º viewing angle</td>
<td>LED-215</td>
<td>.60</td>
<td>.45</td>
<td>.30</td>
</tr>
<tr>
<td>BLUE</td>
<td>water clear in off-state. Ammo-pack.</td>
<td>LED-153</td>
<td>.50</td>
<td>.40</td>
<td>.30</td>
</tr>
<tr>
<td>GREEN</td>
<td>water clear 16K mcd</td>
<td>LED-57</td>
<td>1.10</td>
<td>.90</td>
<td>.80</td>
</tr>
<tr>
<td>GREEN</td>
<td>water clear in off-state</td>
<td>LED-128</td>
<td>.75</td>
<td>.55</td>
<td>.40</td>
</tr>
<tr>
<td>WHITE</td>
<td>water clear in off-state, 20º viewing angle</td>
<td>LED-214</td>
<td>.60</td>
<td>.45</td>
<td>.30</td>
</tr>
<tr>
<td>YELLOW</td>
<td>water clear 3000 mcd</td>
<td>LED-72</td>
<td>.95</td>
<td>.75</td>
<td>.47</td>
</tr>
<tr>
<td>ORANGE</td>
<td>water clear point source</td>
<td>LED-136</td>
<td>.60</td>
<td>.50</td>
<td>.35</td>
</tr>
</tbody>
</table>

MINIATURE T-1 (3mm)

<table>
<thead>
<tr>
<th>Color</th>
<th>Description</th>
<th>CAT#</th>
<th>Each</th>
<th>10</th>
<th>100</th>
<th>1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>RED</td>
<td>diffused</td>
<td>MLED-1</td>
<td>10 for $1.00</td>
<td>.08</td>
<td>.07</td>
<td></td>
</tr>
<tr>
<td>GREEN</td>
<td>diffused</td>
<td>MLED-2</td>
<td>10 for $1.25</td>
<td>.10</td>
<td>.08</td>
<td></td>
</tr>
<tr>
<td>YELLOW</td>
<td>diffused</td>
<td>MLED-3</td>
<td>10 for $1.25</td>
<td>.10</td>
<td>.08</td>
<td></td>
</tr>
<tr>
<td>RED</td>
<td>point source</td>
<td>MLED-7</td>
<td>10 for $1.00</td>
<td>.08</td>
<td>.07</td>
<td></td>
</tr>
<tr>
<td>AMBER</td>
<td>diffused</td>
<td>MLED-12</td>
<td>10 for $1.25</td>
<td>.10</td>
<td>.08</td>
<td></td>
</tr>
<tr>
<td>BLUE</td>
<td>point source</td>
<td>Ultrabright</td>
<td>LED-59</td>
<td>.60</td>
<td>.45</td>
<td>.35</td>
</tr>
<tr>
<td>WHITE</td>
<td>water clear Ultrabright</td>
<td>LED-83</td>
<td>.95</td>
<td>.80</td>
<td>.65</td>
<td></td>
</tr>
</tbody>
</table>

12 VDC LEDs  
Bright 5mm round LEDs with built-in resistors for 12Vdc, No external resistor required. Works well on 4-12Vdc. Dimmer at lower voltages.

<table>
<thead>
<tr>
<th>Color</th>
<th>Lens Color</th>
<th>CAT#</th>
<th>Each</th>
<th>10</th>
<th>100</th>
</tr>
</thead>
<tbody>
<tr>
<td>RED</td>
<td>Red</td>
<td>LED-12R</td>
<td>.50</td>
<td>.45</td>
<td>.40</td>
</tr>
<tr>
<td>BLUE</td>
<td>Milky-white</td>
<td>LED-12BW</td>
<td>.50</td>
<td>.45</td>
<td>.40</td>
</tr>
<tr>
<td>WHITE</td>
<td>Milky-white</td>
<td>LED-12W</td>
<td>.50</td>
<td>.45</td>
<td>.40</td>
</tr>
<tr>
<td>GREEN</td>
<td>Green</td>
<td>LED-12G</td>
<td>.50</td>
<td>.45</td>
<td>.40</td>
</tr>
<tr>
<td>WHITE</td>
<td>Water-clear</td>
<td>LED-12WP</td>
<td>.50</td>
<td>.45</td>
<td>.40</td>
</tr>
<tr>
<td>BLUE</td>
<td>Water-clear</td>
<td>LED-12BP</td>
<td>.50</td>
<td>.45</td>
<td>.40</td>
</tr>
</tbody>
</table>

BI-COLOR

T 1 3/4 (5mm) RED / GREEN diffused

<table>
<thead>
<tr>
<th>Color</th>
<th>Description</th>
<th>CAT#</th>
<th>Each</th>
<th>1-99</th>
<th>100</th>
<th>1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>RED</td>
<td>Red</td>
<td>LED-6</td>
<td>.50</td>
<td>.45</td>
<td>.35</td>
<td></td>
</tr>
<tr>
<td>BLUE</td>
<td>Milky-white</td>
<td>LED-6WC</td>
<td>.50</td>
<td>.45</td>
<td>.35</td>
<td></td>
</tr>
</tbody>
</table>

Two leads. Reverse polarity to change color. Milky-white off-state.

T 1 3/4 (5mm) RED / GREEN

Two leads. Reverse polarity to change color. Water-clear off-state.

Chicago Miniature # CMD119EGW.

Three-lead, rectangular LED lights red or green. Milky-white in off-state. Center, common lead is cathode. Led face is 2mm x 5mm.

CAT# LED-64 10 for $1.00 100 for 8¢ each

BI-COLOR FLASHING  
5mm (T-1 3/4) LED alternately flashes red and green, approximately 180 flashes per minute. Milky-white in off-state.

CAT# LED-6F 45¢ each 100 for 40¢ each 1000 for 30¢ each

RGB LED  
4-lead, T 1 3/4 (5mm) red-green-blue LED.

One common lead (anode) and one lead for each color. Water-clear in off-state.

CAT# LED-258 75¢ each 10 for 70¢ each 100 for 60¢ each

FLASHING LEDS T-1 3/4 (5mm)  

<table>
<thead>
<tr>
<th>Color</th>
<th>CAT#</th>
<th>Price</th>
<th>100</th>
<th>1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>RED</td>
<td>LED-4</td>
<td>2 for .90</td>
<td>.40</td>
<td>.30</td>
</tr>
<tr>
<td>GREEN</td>
<td>LED-4G</td>
<td>.50</td>
<td>.45</td>
<td>.40</td>
</tr>
<tr>
<td>WHITE</td>
<td>LED-4W</td>
<td>.50</td>
<td>.45</td>
<td>.40</td>
</tr>
<tr>
<td>BLUE</td>
<td>LED-4B</td>
<td>.50</td>
<td>.45</td>
<td>.40</td>
</tr>
<tr>
<td>YELLOW</td>
<td>LED-4Y</td>
<td>.50</td>
<td>.45</td>
<td>.40</td>
</tr>
</tbody>
</table>
5MM ULTRA-VIOLET LEDS
Emits blue 395nm UV light. Water-clear lens. 3.7 Vdc, 20 mA.
Ideal for detection of counterfeit bills and fluorescence in minerals, black-light posters.

<table>
<thead>
<tr>
<th>Beam Pattern</th>
<th>CAT#</th>
<th>Each</th>
<th>100</th>
</tr>
</thead>
<tbody>
<tr>
<td>30°</td>
<td>ULED-2</td>
<td>.65</td>
<td>.35</td>
</tr>
<tr>
<td>20°</td>
<td>ULED-3</td>
<td>.50</td>
<td>.20</td>
</tr>
</tbody>
</table>

INFRARED EMMITTER
CAT# ILED-13 4 for $1.00 • 100 for 15¢ each • 1000 for 12¢ each

5MM RGB COLOR CHANGING LEDS
Cycles through red-green-blue and combinations of RGB, yielding purple, white and other hues.
5mm water-clear package. Great for attention-getting displays, and jewelry.

Slow Rate -- fades in and out of each color approximately every 5 seconds.
CAT# LED-276 65¢ each • 10 for 55¢ each • 100 for 40¢ each

Rapid Rate -- changes color every second for ten seconds, then changes color three or four times per second for ten seconds.
CAT# LED-231 75¢ each • 10 for 70¢ each • 100 for 50¢ each

Fluttering -- cycles through RGB colors at a very fast rate, giving the impression of a fluttering red / blue light. Milky-white in off-state.
CAT# LED-232 2 for $1.00 • 100 for 40¢ each

PRESS-FIT MOUNTING CLIPS FOR LEDS
2 PIECE HOLDER FOR 5MM LEDS  Black plastic. Mounts in 6.3 mm hole.
CAT# HLED-4 10 for $1.20 • 100 for 9¢ each • 1000 for 8¢ each

CLIPLITE HOLDERS FOR 5MM LEDS  Colored polycarbonate lens diffuses and increases viewing angle. Mounts in 0.25” hole in panels of 0.06” to 0.125” thickness.
X= R (RED), G (GREEN), Y (YELLOW), C (CLEAR)
CAT# HLDCL-X 3 for 90¢ • 100 for 25¢ each • 1000 for 20¢ each

CLIPS FOR T-1 (3MM) LEDS 1 piece holder. Mounts in 4.5 mm hole.
CAT# HLED-5 10 for $1.00 • 100 for 8¢ each • 1000 for 7¢ each

3 & 5 WATT LEDS ON HEATSINK
Ultra-bright, high-power, long-life LEDs mounted on 20mm dia. star-type aluminum disc which serves as a heatsink and provides solder spots to simplify connection.
Note: Sensitive to misuse. No guarantee after voltage has been applied.

3 WATT

<table>
<thead>
<tr>
<th>Color</th>
<th>Description</th>
<th>CAT#</th>
<th>Each</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>COOL WHITE</td>
<td>18000-20000K. 3.2-3.4V, 700mA.</td>
<td>LED-248</td>
<td>1.68</td>
<td>1.51</td>
</tr>
<tr>
<td>WARM WHITE</td>
<td>3500-4200K. 3.2-3.4V, 700mA.</td>
<td>LED-249</td>
<td>2.00</td>
<td>1.75</td>
</tr>
<tr>
<td>AMBER</td>
<td>600-610nm. 1.9-2.3V, 700mA.</td>
<td>LED-253</td>
<td>3.00</td>
<td>2.70</td>
</tr>
<tr>
<td>RED</td>
<td>660nm. 1.9-2.3V 700 mA.</td>
<td>LED-250</td>
<td>3.16</td>
<td>2.84</td>
</tr>
<tr>
<td>GREEN</td>
<td>520-525nm. 3.2-3.4V 700 mA.</td>
<td>LED-252</td>
<td>3.16</td>
<td>2.84</td>
</tr>
<tr>
<td>BLUE</td>
<td>460-470nm. 3.2-3.4V, 700mA.</td>
<td>LED-261</td>
<td>2.28</td>
<td>2.05</td>
</tr>
<tr>
<td>YELLOW</td>
<td>588-595nm. 1.9-2.3V 700 mA.</td>
<td>LED-254</td>
<td>2.48</td>
<td>2.23</td>
</tr>
<tr>
<td>IR</td>
<td>940nm. 1.5-1.7V 700 mA.</td>
<td>LED-256</td>
<td>2.76</td>
<td>2.48</td>
</tr>
<tr>
<td>ULTRAVIOLET</td>
<td>410-420nm. 3.2-3.4V, 700mA.</td>
<td>LED-247</td>
<td>3.80</td>
<td>3.42</td>
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</tbody>
</table>

5 WATT

<table>
<thead>
<tr>
<th>Color</th>
<th>Description</th>
<th>CAT#</th>
<th>Each</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLUE</td>
<td>450-455nm. 7-7.5 Vdc 700 ma.</td>
<td>LED-5BL</td>
<td>5.50</td>
<td>5.20</td>
</tr>
<tr>
<td>COOL WHITE</td>
<td>7000-8000 K. 3.4-3.6 Vdc 1400 ma.</td>
<td>LED-5CW</td>
<td>5.50</td>
<td>5.20</td>
</tr>
<tr>
<td>WARM WHITE</td>
<td>3000-4000 K. 3.4-3.6 Vdc 1400 ma.</td>
<td>LED-5WW</td>
<td>5.50</td>
<td>5.20</td>
</tr>
</tbody>
</table>

DRIVER FOR 3W LEDS
The 3 watt LEDs above can be operated on 12 Volts using this driver. Operate on 12 Vac or 12 Vdc.
CAT# LD-3 $3.25 each • 10 for $3.00 each

LENSES FOR 1W, 3W & 5W LEDS
20mm lens in a 23mm plastic holder. Works well with our 1W, 3W and 5W LEDs, with & without star pcb board ie. LED-248, LED-249, LED-5BL.

60° viewing angle CAT# LNS-57 $1.50 each • 10 for $1.35 each
45° viewing angle CAT# LNS-58 $1.50 each • 10 for $1.35 each

ORDER TOLL FREE 1-800-826-5432
HI-INTENSITY UV LAMP ASSEMBLY
High-intensity UV light light source in the 400nm spectrum. Sixteen 1W LEDs on a two-piece curved 1.6" wide pc board assembly approximately 6" long. 4" pigtail leads. Can be run at 1/2 or full power by connecting one, or both, of the black (negative) leads. Operates on 30Vdc @ 1A. Our power supply, CAT# PS-294 works well with this.
CAT# LED-16UV $5.95 each

COOL-WHITE DUAL LED ASSEMBLY
Nice bright miniature LED light source for display and lighting applications. 2 high-brightness surface-mount white LEDs mounted on a 0.56" x 0.31" (7 x 14mm) pc board. Built-in circuitry for 8 Vac operation. Works on 8 Vdc as well. Two pc pins on 5mm centers.
CAT# LED-2W 4 for $1.00 • 100 for 15¢ ea.

SUPER-BRIGHT, HIGH-FLUX RED LED
Ultra-bright, super-flux Piranha red LED. 7.62mm square, 4-pin DIP package aids heat dissipation. Designed for high-current, high-flux output.
CAT# LED-912 30¢ each
10 for 25¢ each • 100 for 20¢ each

LED INDICATOR ASSEMBLIES

12 VDC W/ PLASTIC HOUSING
Threaded bushings with nuts. Solder-lug terminals. 2 sizes, 4 colors (red, green, blue, yellow).
10mm diameter lens. 10mm bushing.
CAT# IND-10(R,G,B,Y) $1.25 each
10 for $1.10 each
12mm diameter lens. 12mm bushing
CAT# IND-12(R,G,B,Y) $1.35 each
10 for $1.15 each

12 VDC RED LED
5mm red diffused LED. Press-fit mounting in 0.25" diameter hole. Two 10" pigtail leads.
CAT# LED-12VR $1.15 each
10 for $1.05 each • 100 for 90¢ each

LED INDICATORS -- RESISTORS REQUIRED
5mm LED in a 10mm dia. chrome bezel. 8mm dia. threaded bushing with mounting hardware. Operates on any DC voltage as long as an appropriate resistor is connected. See our LED Hook-up guide in Spec Sheets online. Two types available:
Red Diffused LED -- wide viewing angle.
CAT# IND-13R $1.75 each
Red Point-source -- 15° viewing angle
CAT# IND-15R $1.50 each

12 VDC W/ CHROME HOUSING
5mm diameter LED in 10mm diameter chrome bezel. 8mm threaded bushing with mounting hardware. Extends 34mm below mounting panel. Available in Red (R), Blue (B) and Amber (A)
CAT# IND-160(R,B,A) $2.25 each

12 VDC LED MODULES
Rugged, high-luminosity 3-LED modules suitable for indoor or outdoor, shelf, display or sign lighting. Operates on 12Vdc. Dimmable. Covered lens protects against humidity and sun damage. Double-stick tape on back of each module for attachment to clean, flat surface. Hole for screw mounting. Modules are linked on 2-conductor 18AWG zip cord, 161mm (6.5") center-to-center spacing. Maximum string is 50 modules, 10 Meters (32Ft). 0.72W per module, 36W per string. UL, CE. Can be used with dimmer CAT# DMR-8
Warm White CAT# LS-123WW
Red CAT# LS-123R
Yellow CAT# LS-123Y
Green CAT# LS-123G
Blue CAT# LS-123B
Cool White CAT# LS-123HCW
High-Power. 1.2W per module. 60W (50 x 1.2W) per string.
$2.65 per module
10 for $2.35 per module
50 for $ 2.00 per module

ECONOMY MODULES

COOL-WHITE
Very bright, but less bright than our other modules. 3.5” wires between modules. 20 modules per string. 0.72W per module
CAT# LS-200CW $1.40 per module
20 modules for $1.10 per module
100 modules for 85¢ per module

FLEXIBLE LED STRIPS

RED/GREEN/BLUE 12 VDC STRIPS
Each LED is capable of red, green or blue, or any combination of colors. When all three colors are activated LED appears white. Should be used with controller, like our CAT# CT-21, which can be used to flash the LEDs in several programmed sequences at controllable speeds, also allowing dimming.
CAT# LS-22 75¢ per 3-led segment
For one roll of 100 segments (300 LEDs), use CAT# LS-22RGB $35.00 per roll

VISIT OUR WEBSITE - WWW.ALLELECTRONICS.COM
Adhesive-backed ribbon with surface-mount ultrabright LEDs. Ideal accent lighting in auto or home. Great for under cabinet or shelf lighting. Dimmable. Can be cut every third LED or 50mm (approx. 0.2") and each segment can be lit independently. Wires can be soldered directly to solder spots on ribbon tape. 5 Meters, 100 segments per continuous strip. Can be connected end-to-end for longer strips. Can be purchased in 2” (3-led) segments.

- Cool-white: CAT# LS-12-CW
  - $1.00 per 3-led segment
  - 10 segments: $9.00 per segment
  - 100 segments: $75.00 per segment

- Warm-white: CAT# LS-12-WW
  - $1.50 per 3-led segment
  - 10 segments: $13.00 per segment
  - 100 segments: $100.00 per segment

- Neutral-white: CAT# LS-12-NW
  - $1.50 per 3-led segment
  - 10 segments: $13.00 per segment
  - 100 segments: $100.00 per segment

---

**RF REMOTE CONTROL FOR RGB LED STRIPS**

Allows flashing, sequencing and dimming of tri-color LED strip. CAT# LS-22.
Will operate up to 5 strips, 1500 LEDs. Operates on 12-24Vdc. Input via screw terminals or 2.5mm coax power plug. Power supply not included.

CAT# CT-21 $35.00 each

---

**12-24 VDC 8A DIMMER**

Designed for 12-24 VDC LED strip lights like our CAT#s LS-12-CW, NW, WW. Clearly-marked screw-clamp input/output terminals. Rotary adjustment. 3.5” x 2.35” x 2.25” high (including knob).

Mounting holes on 1.6” x 3.1” centers.

CAT# DMR-8 $19.95 each

---

**15-30V ULTRABRIGHT LED STRIPS**

Warm-white, ultra-bright surface-mount LEDs on a thin, semi-rigid pc board. Lots of light, low current draw make them suitable for all kinds of lighting projects. Connect via solder spots at one end of strip.

- 5-LED STRIP – 15Vdc, 67Ma
  - 2.25” x 0.36”
  - CAT# LED-512 $2.00 ea. • 10 for $1.80 ea.

- 44-LED STRIP – 30Vdc, 70Ma
  - 20.75” x 0.36”
  - CAT# LED-443 $3.50 ea. • 10 for $3.00 ea.

---

**LED TOUCH DIMMER MODULE**

Turn lamps on and off, brighten and dim with a touch of your finger. PWM mode LED dimmer is suitable for indoor lamp, LED lighting dimming. 3mm of glass, plastic or ceramic can be used for isolation. 2.4-5V. Max. Current input: 500ma. Mounted on 33mm x 20mm pc board.

CAT# LED-TD $4.05 Reduced Price $4.25 each

---

**POCKET-SIZED LED TESTER**

Checks functionality, color, brightness and uniformity of leded LEDs. Test current ratings from 2-50mA. Socket strip has seven middle positions set at 10 mA allowing comparison of LEDs in those spaces. Requires 9 v battery (not included).

CAT# LT-100 $8.95 each

---

**SURFACE MOUNT LEDS**

**RGB LED, SURFACE MOUNT**

Cree® CLV1A-FKB. High-intensity, wide viewing angle Red - Green - Blue LED in surface-mount package. 3.2 x 2.8mm. 120° viewing angle.

CAT# LED-259 3 for $1.00
100 for 25¢ each • 2000 for 10¢ each

**SMD RED LED**

Ledtronics # SML10R3KT-TR. 3.2 x 2.8 x 1.90mm ultra red (660nm). 120° viewing angle.

CAT# LED-213
3 for $1.00
100 for 25¢ each
2000 for 10¢ each

**LED LIGHT PIPE**

Lumex LPF-CO11302S For use with surface-mount LEDs. Clear polycarbonate lens that directs the light from a LED horizontally, into a nice diffused 3mm dia. spot. 20mm long x 5.5mm x 6mm high. 2 round legs at rear on 2.5mm centers.

CAT# LP-302 2 for $1.00

---

**ALPHANUMERIC DISPLAYS**

**0.3” 7-SEGMENT LED DISPLAY, C.A.**

China Semiconductor L.C. # CSS-312E WA. Lights orange on a grey background. Common Anode. Overall dimensions: 10mm x 19.5mm x 6mm high. PC pins.

CAT# SDA-312 50¢ ea. • 10 for 45¢ ea.

**0.3” 7-SEGMENT LED DISPLAY, C.C.**

Single 0.30” 7-Segment LED display. Lights red on a grey background. Common Cathode. Overall dimensions: 10mm x 19.5mm x 6mm high. Tarnished PC pins.

CAT# SDC-312 50¢ each 10 for 45¢ each

---
7 SEGMENT DISPLAY
Common Anode. Fits 24 pin DIP socket. Green, 2-digit 0.4” character height. Prepped with two plastic spacers which raise it 9mm from the PC board.
CAT# TDA-482  75¢ each
10 for 65¢ each • 100 for 50¢ each

3-DIGIT 7-SEGMENT LED DISPLAY
LTC-2621G. 7-segment, 3 character LED display module. Lights green. Common anode. 2.1V 20mA. 0.89” L x 0.39” W x 0.24” h. 0.28” (7.00mm) digits. 16-pin DIP configuration.
CAT# TDA-26  85¢ each
10 for 80¢ each • 100 for 70¢ each

ALPHA-NUMERIC LED DISPLAY
Ledtech # LA3921-11B. 0.4” high character. 14-segment with decimal point. Green LEDs on grey background. Common anode. Fits 18-pin DIP socket. 0.93” x 0.39”.
CAT# SDA-24  50¢ ea. • 10 for 45¢ ea.

4-DIGIT 7-SEGMENT SERIAL DISPLAY
Sparkfun# COM-11441 Combines a 4-digit 7-segment display and an ATMega328 microcontroller allowing you to control every segment individually using only a few serial lines. Serial TTL communication, SPI serial communication or I2C serial. Can be programmed for stand-alone operation since the ATMega328 comes pre-loaded with the Arduino bootloader. On-board FTDI header for easier programming. 41mm x 23mm.
CAT# SDA-20  $12.95 each

2.3” 5 X 8 RED-GREEN DOT MATRIX
Lite-On # LTP2558AA-RA Large, 2.3” matrix height. Red-Orange and Green LEDs. Overall dimensions, 2.40” x 1.5” x 0.33”. Gray face with white dots in off-state. Spec sheet available.
CAT# SDD-25  $1.00 ea. • 10 for 80¢ ea.

5 X 7 DOT MATRIX LED DISPLAY, 0.68”
Ledtech # LJ7071-22. Red dots on grey background. 12-pin DIP. 0.3” (7.82mm) spacing between rows.
CAT# SDD-68  2 for $1.00
100 for 40¢ each

4 LED CLUSTER
Bright eye-catching accent lighting. Four, white LED cluster mounted in a bright chrome plastic assembly. 1.58” x 0.82” x 0.5” high. Two recessed mounting holes on 1.15” centers. 3’ leads. Designed for 12Vdc use, but very bright at 5-6Vdc.
CAT# CLD-4C  $6.00 each
10 for $5.50 each

120V NEON INDICATOR
McGill red 125Vac neon indicator assembly. Snap-mounts in 13 x 26mm chassis hole. 0.25” qc/solder terminals. UL, CSA.
CAT# IND-34  40¢ each
100 for 30¢ each

NEON LAMP ASSEMBLY
Prepped with resistor and 7” stripped and tinned pigtail leads. Operates on 120 Vac. Clear vinyl sleeve covers the top 2” of the leads.
CAT# NE-210  3 for $1.00
50 for 27¢ each • 500 for 23¢ each

LED FESTOON LAMPS
6 LED festoon lamps operates on 12 AC/DC 45ma. 120° radiance angle. 10.7mm dia. x 44mm L.
Cool-white - 45 lumen. 6000 CCT(K).
CAT# HFL-12CW  $4.50 each
10 for $4.35 each
Warm-white - 40 lumen. 3000 CCT(K).
CAT# HFL-12WW  $4.50 each
10 for $4.35 each
Festoon socket for 44mm lamps. Fits CAT#s HFL-12CW and HFL-12WW. Can be used with other 37-44mm festoon based lamps and LEDs.
CAT# FLS-3  75¢ each • 10 for 70¢ each

FUSE LAMPS
Popular lamps which are the same size as a 3AG 1/4” x 1 1/4” (AGC) fuse.

<table>
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<tr>
<th>VOLTS</th>
<th>CAT#</th>
<th>EACH</th>
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<tr>
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<td>LPFS-6</td>
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<td>8</td>
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INCANDESCENT LAMPS

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<th>3MM GRAIN-OF-WHEAT, T-1</th>
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<tr>
<td>1.5 V, 40Ma 10” insulated wire leads</td>
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<tr>
<td>CAT# LP-3</td>
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<tr>
<td>1.5 V, 75mA 30” insulated wire leads</td>
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<tr>
<td>CAT# LP-4</td>
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Reduced Price

3V, 55mA bare wires |
CAT# LP-715  2 for $1.00 • 100 for 40¢ each

6V, 60mA 11” insulated leads |
CAT# LP-5  | $1.10 each • 100 for 75¢ each
Earthtronics Model LEDX485090
120Vac, 60Hz, 0.062A, 3.5W. Color temperature: 5000K “Cool-white”. Lenses and case are made of durable plastic. Operates on 120Vac & will run off of inverter or standard “house” electricity.

12 VDC FLASH ASSEMBLY

Bright xenon strobe assembly for highway emergency signal. Approximately 80 flashes per minute. 12Vac operation. Horseshoe flash tube (31.5 x 16 x 6mm) mounted on 65 x 75mm pc board. On/off switch. Easy to connect. See hook-up diagram on-line spec sheet.

New Item

FLUSH-MOUNT

LED FIXTURE, 120 VAC

Eartronics Model TLP250K3X3
120 Vac, 60Hz, 0.029A, 1.6W. Color temperature: 5000K “Cool-white”. Nice-looking white plastic "wall washer-type" fixture. Operates on 120Vac house current. 30 bright white LEDs in a 2” x 2” array with diffuser lens. Inclines approximately 30° from mounting surface. Mounts with 2 screws on 2.35” centers. Removable 3.4” square frame hides screws. Mounts in 2.5” x 2.0” cut-out. 0.70” behind-mounting plane depth.

ORDER TOLL FREE 1-800-826-5432