

## 1200 Console LED Update

You can convert your consoles on and off lamps to LED's.  
To do this you must change the polarity of the lamp connections on the switch.

The on and off switches have the following pins a, b for the lamp connection and 1, 2 for the switch function. The a is connected to the outside sleeve the b is connected to the post.  
You will change the a, b wiring on the bottom of the on/off switch.

### On/Off Switch

Move the violet wire to pin b  
Move the black wire to pin a

When looking for LED's lamps search for ML-386 or T1-3/4 Midget Groove replacements.

Check out Superbrightleds.com they have LED lamps that replace the ML386 incandescent lamp for around \$1.25 each PH: 866 590 3533

[http://www.superbrightleds.com/cgi-bin/store/index.cgi?action=DispPage&category=755&Page2Disp=%2Fspecs%2Fmidget\\_groove.htm](http://www.superbrightleds.com/cgi-bin/store/index.cgi?action=DispPage&category=755&Page2Disp=%2Fspecs%2Fmidget_groove.htm)

Customers have recommended using the Red MG-R-WV and Yellow MG-A-WV LED's the white tend to wash out the lens cap color as they are to bright.

### Other LED Sources

Industrial LEDs

[http://industrialleds.com/index.php?main\\_page=product\\_info&cPath=13&products\\_id=125](http://industrialleds.com/index.php?main_page=product_info&cPath=13&products_id=125)

Martek LED

<http://www.martekled.com/-strse-147/LED-midget-groove-based/Detail.bok>

Wamco (distributed by Newark Electronics)

White - <http://www.newark.com/jsp/search/productdetail.jsp?sku=86T5477>

Red - <http://www.newark.com/jsp/search/productdetail.jsp?SKU=86T5476>

### Non-Polarized LED

Another alternative is to use the non-polarized LED lamps by Ledtronics. With this LED you do not have to make any modifications to your module switches they cost around \$8.00 each phone 800 579 4875.

<http://www.ledtronics.com/products/ProductsDetails.aspx?WP=C534K1088>

Red GF200-0UR-014B, Yellow GF200-XIW-014B, Cool White GF200-0CW-014B

Please note you are responsible for any damage to your modules Arrakis systems is providing this information as a courtesy. We have not tested these lamps for compatibility. The information has been provided by other customers.

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Arrakis Systems Inc.