

# TerraLUX™ MiniStar2™

## The Brightest LED Upgrade For the Mini Maglite®

### Features

- SUPER-bright LED
- Much Brighter than Incandescent bulb
- Easy MiniMag® Upgrade
- Never Needs Replacing
- Extends Battery Life 6X
- Pure White Light
- Consistent Brightness and Color Regardless of Battery Condition
- Maintains Focus-ability of Flashlight

### Specifications

- 25 LUMEN LUXEON I LED BY LUMILEDS
- 7 HOURS ON 2AA'S
- 100,000 HR LIFETIME

MADE IN NORTH AMERICA

TerraLUX Inc., 1448 Carriage Hills Dr.  
Boulder, CO 80302

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Specifications subject to change without notice

[www.TerraLUXcorp.com](http://www.TerraLUXcorp.com)

MiniStar2 Data Sheet Sept 1, 2004



### *What is the TerraLUX MiniStar2?*

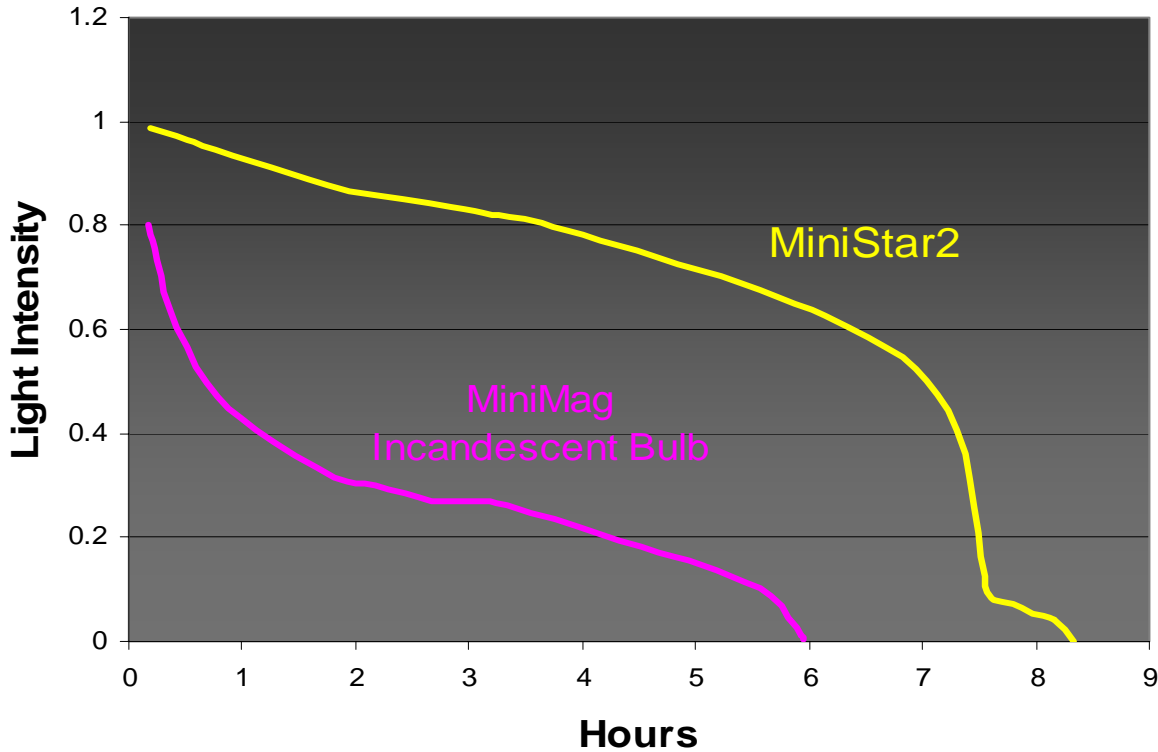
The MiniStar2 (TLE-5) TerraLUX LED Light Engine™ upgrades the Mini Maglite® 2AA flashlight to tactical performance by replacing the incandescent bulb with the brightest LED available (Luxeon I) that provides up to 25 lumens of light. The TLE-5 kit includes a replacement reflector and adds the PowerPush™ circuit to produce both a constant light intensity and a pure white light, avoiding the dimming and orange cast of an incandescent bulb. The patent pending PowerPush circuit also extends battery life by completely draining power from the 2AA cells. It keeps batteries out of landfills by running your flashlight longer and brighter! See performance test data on next page.

### *What are the Benefits of the TerraLUX MiniStar2?*

1. **Brighter light, whiter light** and **constant light** output from the combination of the Luxeon I LED and the patent pending PowerPush power management circuitry. The Luxeon I Emitter is the brightest 1-watt LED available and the PowerPush circuit keeps it running at top performance even as the batteries get run down.
2. **Longer battery life** results from the **PowerPush circuit** built into the unit which drains nearly all the power from the batteries, while maintaining constant light output. **If there's juice... it will light.**
3. Indestructible LED performance and lifetime operation. The LED is rated for 100,000 hours of operation (over 11 years) by Lumileds. This is likely to be the last bulb you will ever need to buy.

TerraLUX is not affiliated with Mag Instrument, Inc., which owns the Maglite® and Mini Maglite® trademarks and the trademark shape, style and overall appearance of the Mini Maglite® flashlight. Mag Instrument's trademarks are here used only to identify the flashlight with which TerraLUX intends its upgrade to work. The TerraLUX Light Engine is not made, endorsed or sponsored by Mag Instruments, Inc.

## MiniStar2 vs Incandescent Bulb



### TerraLUX Product Line-up The Broadest Selection of LED Replacement Bulbs in the Industry

	TLE-1 Spot Miser	TLE-2 Broad Miser	TLE-3 QuadStar	TLE-4W MiniStar1	TLE-5 MiniStar2	TLE-6 MaxStar2
<b>Application</b>	General Usage, Emergency Light, Children's lights	Camping Lantern, Wide Pattern	Flashlight, headlamp	MiniMag Replacement	MiniMag Replacement	C or D Cell Maglite
<b>Batteries</b>	1 to 4 Cells	1 to 4 Cells	1 to 4 Cells	2 AA	2 AA	2 or 3 Cells
<b>Light Output</b>	1.7 Lumens	4.3 Lumens	4 Lumens	16 Lumens	25 Lumens	50 Lumens
<b>Battery Life</b>	>48 hours, 4AA	>33 hours 4AA	>24 hours 4 AA	>15 hours 2AA	>7 hours 2AA	>24 hours 3D

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