GE’s new 25 Watt T5 Compact Fluorescent lamps offer $10 in energy savings over the life of the lamps vs. standard 30 Watt F40/30 HL Biax® lamps with nearly the same light output*.

Simple energy saving upgrade
– No ballast change required when using an instant start ballast

20,000 hour life at 3 hours per start

Excellent CRI - 82

High efficacy >100 lumens per watt

More compact design – 1.5” shorter than F40/30BX

Industries broadest range of colors - 3000K, 3500K, 4100K, 5000K

* Assuming a 25W Biax-Watt-Miser lamp replaces a standard F40 Biax (30 watts nominal) @ $0.10/kWh over 20,000 hours life. Light level drops by only 17% assuming a 0.9 ballast factor. Light level drop by 10% when based upon 200mA nominal lamp current on high efficiency ballast.
# High Lumen Biax® Watt-Miser® Lamp

## Performance Data

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Product Description</th>
<th>Nominal Wattage</th>
<th>Color Temp Kelvin</th>
<th>Approx. Initial Lumens</th>
<th>Life 3 Hours Start</th>
<th>CRI</th>
<th>MOL (In.)</th>
<th>Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>75399</td>
<td>F40/25BX830/IS/WM</td>
<td>25 Watt</td>
<td>3000</td>
<td>2600</td>
<td>20,000</td>
<td>82</td>
<td>21.2</td>
<td>2G11</td>
</tr>
<tr>
<td>75400</td>
<td>F40/25BX835/IS/WM</td>
<td>25 Watt</td>
<td>3500</td>
<td>2600</td>
<td>20,000</td>
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<tr>
<td>75401</td>
<td>F40/25BX841/IS/WM</td>
<td>25 Watt</td>
<td>4100</td>
<td>2600</td>
<td>20,000</td>
<td>82</td>
<td>21.2</td>
<td>2G11</td>
</tr>
<tr>
<td>75402</td>
<td>F40/25BX850/IS/WM</td>
<td>25 Watt</td>
<td>5000</td>
<td>2600</td>
<td>20,000</td>
<td>82</td>
<td>21.2</td>
<td>2G11</td>
</tr>
</tbody>
</table>

GE's new High Lumen Biax® Watt-Miser® lamps deliver significant energy savings and a quick payback on the incremental cost of the lamps.

## Lamp Dimensions

### HL Biax® Watt-Miser® Dimensions

- **Base Face to Top of Lamp (H)**: 21.06 to 21.09 inches (53.4 to 53.9 cm)
- **Bulb Depth (G)**: 0.67 to 0.80 inches (17.0 to 20.3 cm)
- **Bulb Width (C)**: 1.46 to 1.55 inches (37.2 to 39.4 cm)

For additional product and application information, please consult GE's Website: www.gelighting.com

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## Eco-Energy Estimator

Calculate the energy costs associated with existing and proposed lighting systems and show environmental impact. Click on the first cell and tab to the other input cells.

### Instructions

- **System Descriptions (optional)**
- **Hours burned per year**
- **Cost per kWh**

### Input

<table>
<thead>
<tr>
<th>Existing System</th>
<th>Proposed System</th>
</tr>
</thead>
<tbody>
<tr>
<td>HL Biax® Watt-Miser® 25W</td>
<td>HL CFL F40/30</td>
</tr>
<tr>
<td>4500</td>
<td>100</td>
</tr>
<tr>
<td>$0.10</td>
<td>60</td>
</tr>
</tbody>
</table>

### Output

- **Energy used per year (Existing System)**: $2,700
- **Energy Savings per year** (Existing System): $450
- **KiloWatt Load. (Existing System)**: 6

- **Energy used per year (Proposed System)**: $2,250
- **Energy Savings per year** (Proposed System): $450
- **KiloWatt Load. (Proposed System)**: 5

### Environmental Impact of Lighting Upgrade

- **Annual Carbon Dioxide (CO₂) emission reduction**: 6,930 lbs.
- **Annual Sulfur Dioxide (SO₂) emission reduction**: 27 lbs.
- **Annual Nitrogen Oxide (NO, NO₂) emission reduction**: 13 lbs.

### The Cost of Waiting - Not changing your lights could be costing you money!

- **Cost of waiting or Cost of postponing the upgrade**: $38.00 per month, $450.00 per year

### Estimated cost per fixture to upgrade to proposed system

- **Cost of waiting or Cost of postponing the upgrade**: $2.00

### Simple Payback

- **Simple Payback**: 6 Months

### Simple upgrade significantly reduces their environmental impact!