Philips EvoBase LED retrofit kit is an energy efficient LED alternative to traditional linear fluorescent troffers. Not only does it offer energy savings, it also helps reduce maintenance costs due to its long lifetime. Simple construction helps decrease the installation time meaning you can have an LED solution in your ceiling in just minutes.

### Ordering guide

<table>
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<tr>
<th>Product Number</th>
<th>Description</th>
<th>Watts</th>
<th>Volts</th>
<th>Lumen Maintenance (Hrs.)</th>
<th>Approx. Lumens</th>
<th>CRI</th>
<th>Color Temperature (K)</th>
<th>Approximate Delivered Lumens</th>
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</table>

See footnotes on page 4

Note: 0-10 models are MTS all others are MTO
EvoBase LED retrofit kit 2’x 2’ and 2’x 4’

Application

• A highly efficient, LED retrofit kit designed to upgrade recessed linear fluorescent troffers.
• Provides fluorescent-like uniform light distribution.
• Excellent color rendering with a CRI above 80.
• Extremely high efficacies up to 120 lumens per watt.
• LEDs are an excellent source for use with controls since dimming or frequent switching does not degrade the performance or life of the source.
• Designed to be used in lensed fluorescent troffers with a minimum depth of 3”.
• High efficiency source and luminaire design help significantly reduce energy consumption and more easily comply with known energy codes.
• Helps meet regulation requirements such as ASHRAE 90.1 and Title 24 when matched with suitable controls.

Construction/Finish

• Simple design allows for quick installation (under 4 minutes) in existing luminaire without the need to break the ceiling plenum.
• Minimum depth of only 3” necessary to allow proper clearance and installation of the EvoBase.

Electrical

• Multiple driver options available
  - 0-10V dimming satisfies universal voltage requirements.
  - 5 year limited warranty includes all components of the retrofit kit, including driver, LED board and nonelectrical components.
• Listed with ETL and Design Lights Consortium to ensure quality performance and safety standards are met.
• High efficiency LEDs have a minimum 70,000 hour rated life ($L_{70}$).

Enclosure

• Diffuser requires no frames or fasteners and can be easily removed from below without tools if needed.

Accessories

• Suitable for use with Philips 503441 emergency backup.
• Suitable for use with a wide range of control systems.

<table>
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<tr>
<th>Prod. No.</th>
<th>Description</th>
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<td>EvoKit Field Installed Emergency Battery Backup</td>
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EvoBase with new SimpleSet Technology for wireless lumen level programming

EvoBase with new SimpleSet Technology allows the maximum lumen level to be set prior to installation using a smartphone-based app without requiring power to the luminaire. Available in the 0-10V and SR versions only. The app can be downloaded at Google Play. Distributors can set lumen levels prior to shipping, and contractors can set lumen levels prior to installation. Lumen level is quickly and easily set in two steps:

Step 1: Place the smartphone next to the NFC antenna on the driver.
Step 2: Follow the on-screen instructions.
EvoBase LED retrofit kit 2'x 2' and 2'x 4'

Dimensions

<table>
<thead>
<tr>
<th>Size</th>
<th>A Housing Length</th>
<th>B Housing Width</th>
<th>C Height</th>
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<tr>
<td>2X2</td>
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Energy saving solution – 2x4

Present Wattage 85 W
x Annual Operating Hours 4,380 hrs
= 372,300 watt-hours
\[ \text{\textit{\$40.95 \text{ per year}}} \]
\[ \text{\textit{\$5,119.13 annual energy cost per space}} \]

Present Wattage 41 W
x Annual Operating Hours 4,380 hrs
= 179,580 watt-hours
\[ \text{\textit{\$19.75 \text{ per year}}} \]
\[ \text{\textit{\$2,468.75 annual energy cost per space}} \]

Total Estimated Annual Savings $2,650.38

* Made-To-Order product is not kept in inventory. Minimum quantities will apply.
** These products do not meet DLC criteria.
*** Please visit [www.philips.com/warranties](http://www.philips.com/warranties) for full details.

FOOTNOTES:
1) Please refer to the energy saving chart on page 4 for details.
2) Lh, 72,000 hours @ 35°C based on TM21 and LM80.
3) Based on photometric testing consistent with IES LM-79.
4) When installed in a reference luminaire assuming 90% optical efficiency.

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