**Installation guide**

**Philips EvoKit G5 LED 2x4 and 2x2**

This installation guide is only valid for the following Philips EvoKit models:

- Products 2x4
- Products 2x2

**Set contains**

A Side Panel  
B LED Panel  
C Troffer Label  
D Closing Panel  
E Diffuser

**Tools required and warning precautions electronic static**

To prevent wiring to edges of sheet metal or other sharp objects.

**WARNING**  
LED electronics can be damaged by electro static discharge (ESD) shock. Before installation, discharge yourself by touching a grounded bare metal surface to remove this hazard. To avoid damage, do not touch the LED module.

**WARNING**  
Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation except if specifically mentioned in these installation guide.

**WARNING**  
Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation except if specifically mentioned in these installation guide.

**Notice**  
Handle components with care. Do not drop, slide or scratch any of the components to prevent visual damage to the product, loss of functionality or difficulties during installation.

**Caution**  
The kit is designed for permanent installation in ordinary (Non-Hazardous) locations in accordance with the National Electrical Code and all applicable local codes. Do not use in areas of limited ventilation or in high ambient enclosures.

**Warning**  
Do not expose the product to substances and /or materials containing sulphur, chlorine or other halogen compounds and to chemicals mentioned in below table.

<table>
<thead>
<tr>
<th>Category</th>
<th>Chemical Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solvents</td>
<td>Toluene, xylene, benzene, chloromethane, chloroform, ethyl acetate, butyl acetate, acetone, MEK, MIBK</td>
</tr>
<tr>
<td>Acid</td>
<td>HCl, H2SO4, HNO3</td>
</tr>
<tr>
<td>Alkalai</td>
<td>KOH, NaOH, LiOH, Cu(OH)2</td>
</tr>
<tr>
<td>Oil</td>
<td>Diesel oil, petroleum, hydrocarbons</td>
</tr>
</tbody>
</table>

**Notice**  
Do not use abrasive materials, glass cleaners or other solvents on cover plate or lens. To clean the faceplate, use a mild soap solution.

**Warning**  
Do not install with total power input greater than power rating of original fixture. When space in the troffer is limited, remove original ballast.

**Warning**  
This equipment may have sharp edges. Wear gloves when removing from carton, handling and maintaining this equipment.

**Warning**  
Remove LED protection just before installing the Diffuser (E) (see step 14). For installation of the Philips Bodine BSL310 Emergency LED Driver, please see the emergency driver installation section from this EvoKit manual.

**Warning**  
While installing the LED panel (B) and Closing Panel (D), make sure the electrical wiring is not clamped between panels.

1. Turn power off and take out original cover.  
2. Take out TL tubes.  
3. Disconnect host fixture ballast from mains.  
4. Remove belly pan. If remaining troffer height is limited, remove ballast.

**Installation**

**Installation Side Panels (A)**

For SpaceWise accessory, see Spacewise installation instructions.

**Installation Philips Bodine BSL310 (Optional)**

For installation of the Philips Bodine BSL310 Emergency LED Driver, please see the emergency driver installation section from this EvoKit manual.
**Emergency Black Sensitive**

**Installation Troffer Label (C)**

- Place Troffer Label (C) inside original troffer.

**Notice**

It is imperative to use the retrofit warning sticker included with the product in order to alert the end user that this luminaire will no longer operate on the originally intended lamps.

**Ground connection (Situation 1 - 2)**

**Connection 0-10V, MK10 dimmer and STEP DIM (Optional)**

- EvoKit 0-10V wiring diagram

**EvoKit STEP DIM wiring diagram**

**Initial installation Philips Bodine BSL310 Emergency LED Driver (not valid for 347V input) (Sold separately)**

If the Philips Bodine BSL310 Emergency LED Driver is to be installed into the EvoKit retrofit fixture, please follow these instructions and the instructions provided with the Emergency driver.

**WARNING**

**RISK OF PERSONAL INJURY**

Ensure all warning and cautionary markings given in the Philips Bodine BSL310 installation instructions are observed.

**Notice**

If you have any questions, please contact your local Philips representative or call 1-800-555-0050.

**Components**

- Screws (W), Emergency LED driver (X), Test switch (Y), Wiring harness (Z).

**Installation Closing Panel (D)**

SpaceWire: Before installing the closing panel, connect SpaceWire. See SpaceWire installation instructions.