

Quick Start Guide

pE-800

8-channel LED illumination



This guide should provide some basic information on the setup and operation of the CoolLED pE-800 Illumination System.

Before operating this product please read and observe the advice given in the safety section of the full User Manual.

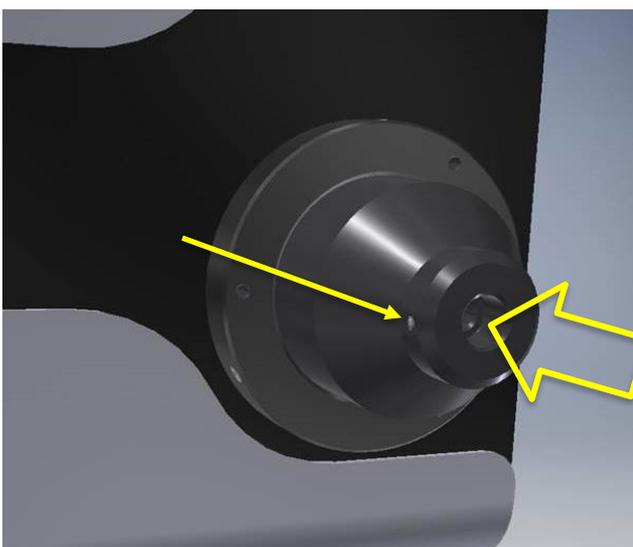
For more detailed information on the full range of options and functions please see the full User Manual.

1. Contents



A typical pE-800 order will include a pE-800 Light Source, Power Supply and Mains Power Cable for the specified region of use.
Your order may also include items such as a Liquid Light Guide, pE-Universal Collimator, Microscope Adaptor or additional accessories.
For further information about any of these components please see the full pE-800 User Manual or the pE-Universal Collimator User Manual.

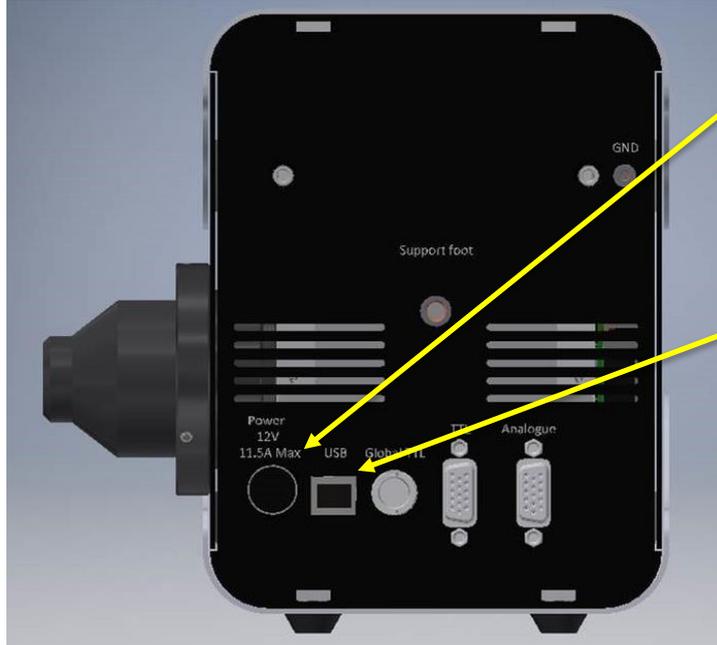
2. Fitting the Light Guide to the pE-800



Remove the protective caps from the light guide and insert one end fully into the Light Source. Ensure that the grub screw is fully loosened to avoid any obstruction.

Once fully inserted, gently tighten the grub screw to secure the light guide in place.

3. Connecting the Power Supply & USB cable



Insert the power supply connector into the Light Source. Ensure that the connector is correctly oriented, with the flat of the connector casing facing up.

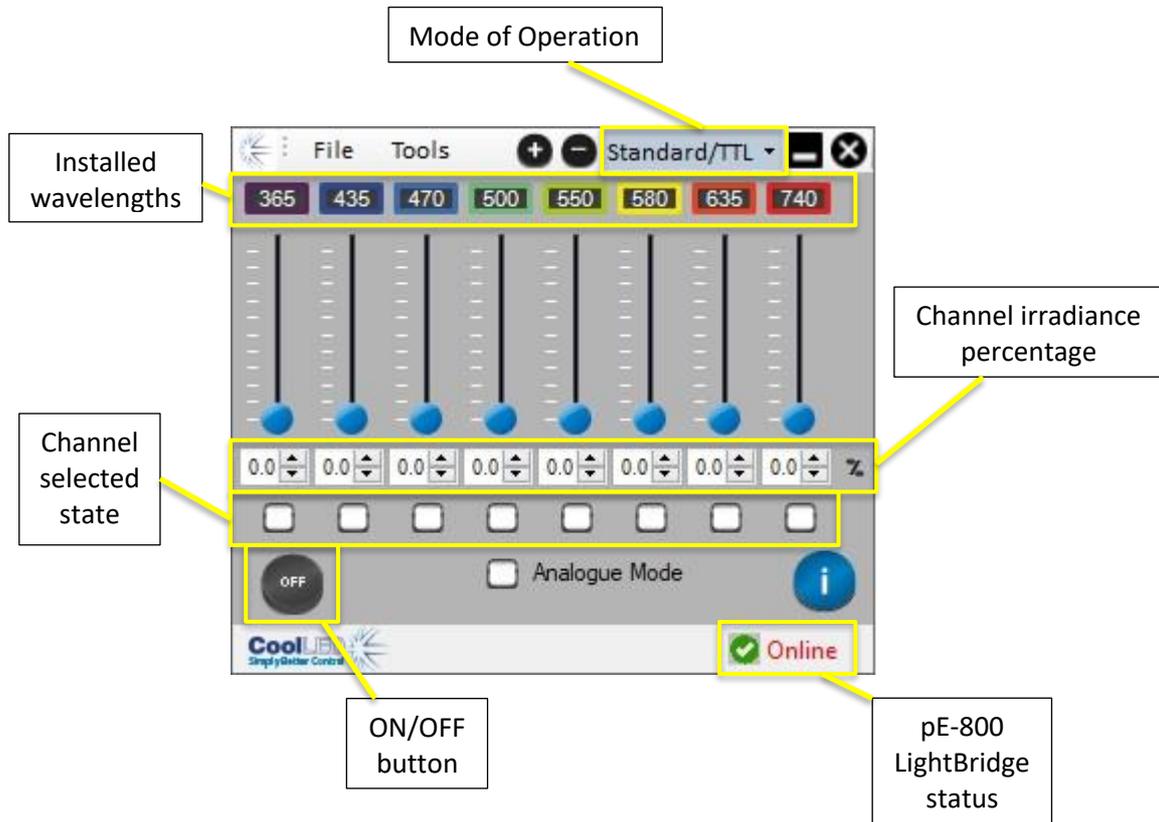
Insert the USB cable into the Light Source. Ensure that the connector is correctly oriented, with the top side of the USB connector casing facing up.

4. Fitting to the Microscope

Attach the light guide to the microscope, either directly or using appropriate collimating optics. If using the CoolLED pE-Universal Collimator, please see the pE-Universal Collimator User Manual for full details of attaching to the microscope and optimising the light output.



5. LightBridge Operation Overview



The LightBridge allows the full control of the pE-800. Any of the eight installed channels can be operated at the same time.

The irradiance level for each of the channels can be adjusted by typing in the textbox, using the arrow buttons next to the irradiance figure or by adjusting the irradiance slider.

To operate the channels, they must be put into a selected state by clicking in the relevant checkbox.

Clicking on the ON/OFF button will cause any channel in the selected state to illuminate at the defined irradiance.