



PHILIPS

LED Drivers

SimpleSet Technology



Velocity unplugged

Put the future of LED driver programming technology
to work for your business today.

Unlocking the potential of LED lighting

LED technology has changed the shape of the lighting industry in the past few years and customers expect more versatility and performance from this rapid evolution.

To meet those demands, OEMs had to stock multiple drivers with different features or manually configure programmable drivers to fit specific applications.

Software-programmable drivers eliminated the need for manual configuring but still required time-consuming physical connections during programming.

**So, how can we
make LED driver
programming
easier?**



A simple solution

In 2014, Philips pioneered the use of wireless programming technology through Philips Advance Xitanium LED drivers with SimpleSet.

With SimpleSet technology, manufacturers can configure a wide array of parameters quickly and efficiently—saving time, reducing the amount of steps needed and simplifying their workflow.

There are only three components required to use SimpleSet—the MultiOne programming software running on a PC, a compatible programming tool and a Philips Advance Xitanium LED driver with SimpleSet.

Programming an LED driver has never been simpler.

- Take the driver out of the box and locate the communication area on the driver (indicated in blue).
- Touch the LED driver to the programming device. The software will confirm the programming was successful.
- Then, install the driver into the fixture.



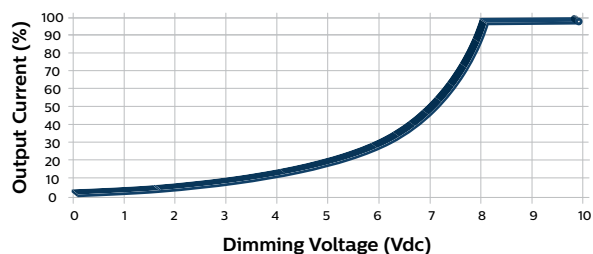
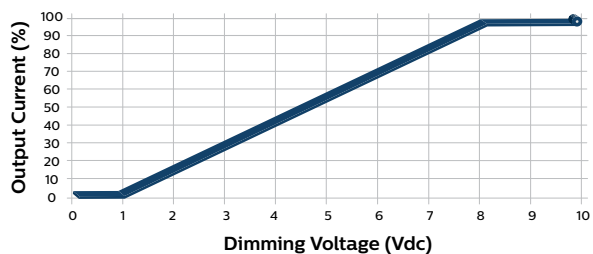
Multiple drivers: One solution

You can configure all of the parameters in the Xitanium LED driver within a single setup.

- The adjustable output current allows the driver to be set at the required current for the LED module.
- The 0–10V minimum dim level lets you specify the minimum percentage at which the driver will dim the module. For example, it can be set anywhere from 50% to 10%, 5%, 1% or whatever your application needs.
- You can also specify whether the driver will dim with a linear curve or a logarithmic curve, which provides end users greater control at lower output levels.
- Adjustable lumen output (ALO) allows for fine-tuning of the light output by the end user.
 - The OEM sets an upper and lower limit for the output current.
 - The end user is then able to program the fixture to operate within that ALO range.
- OEM write protection gives you the ability to enable password protection of the LED driver features.



Specify whether the driver will dim with a linear curve or a logarithmic curve, which enables greater control for visual comfort at lower output levels.



MultiOne

software

The MultiOne software for programming Xitanium LED drivers via SimpleSet has an intuitive user interface that will have you up and running quickly.

The software has two components:

- MultiOne Engineering is used to develop the “feature configuration” that sets the programming parameters.
- MultiOne WorkFlow is optimized for the production environment and uses the feature configurations to easily program the LED drivers.

Streamline your workflow

The system can be easily integrated into your assembly process right in the production line or as a separate step in a dedicated work cell for batch processing.

You can also integrate barcode readers, which automates the process of selecting a configuration.

SimpleSet allows you to program linear, downlight and outdoor drivers the same way—just touch the programming tool to the communication area and confirm. And, because programming is entirely wireless, only one setup is required to program multiple types of drivers.



SimpleSet support

No matter where you are with LED adoption, we can help you make SimpleSet technology an integral part of your assembly workflow. Our dedicated team is ready to help with any part of the process.

- We also offer a host of online resources to help you get the most out of SimpleSet technology. You'll find video tutorials, guides, datasheets and more. For additional information on SimpleSet technology: www.philips.com/simpleset.
- Our online Easy Design-in Tool can help you configure a complete LED system with just a few clicks: www.na.easydesignintool.philips.com.

In addition to support for SimpleSet technology, Philips design-in services can help you create robust, cutting-edge LED lighting solutions. Our dedicated experts perform vigorous thermal, mechanical, electrical and optical testing to your desired tolerances to help with the validation process.

Contact your Philips representative today to learn more about partnership opportunities that can drive your business forward.





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