



Velocity Unplugged

Speed up your business with new wireless programmable LED technology



PHILIPS

Keep Up With The Promise And Possibilities Of LED

The demand for LED lighting is on the rise. The diversity of customer expectations and product requirements is increasing alongside demand. However, current solutions for programming LED drivers are cumbersome. How can OEMs like you meet diverse customer needs across wide-ranging order sizes while remaining competitive in today's marketplace?

Based on years of LED leadership and the proven quality of Philips Advance Xitanium Drivers, Philips is bringing speed to your business by allowing you to wirelessly program LED drivers.

Philips' new SimpleSet wireless programming technology for LED drivers is designed to help OEMs overcome these challenges. This new technology allows OEMs to quickly and easily program LED drivers at any time during the manufacturing, distribution or installation process. As a result, OEMs and their customers can meet orders faster with greater confidence while reducing costs and inventory.



Accelerate LED Programming With New Wireless Communication



LED driver with resistor

Currently, there are a variety of methods used to adjust output current of LED drivers. One method is putting a resistor on the driver that allows you to set the desired drive current. Even though this is somewhat flexible it is inconvenient to use, however, because each driver has a specific resistor that you have to process and stock. DIP switches or adjustable potentiometers are two additional ways to adjust the drive current.

Programming via software is yet another way to quickly and easily set drive current. So far, all of these solutions have proven to be cumbersome to incorporate into high-volume production environments because the driver either has to be powered for programming or wired to a programming device.



LED driver with SimpleSet technology

Using SimpleSet technology, you will be able to quickly and easily program drive current and set specific lumen levels. It will provide confirmation of your programming change within seconds. This can be done without the driver being powered. This speed and flexibility will allow you and your customers to set and reset parameters as needed. SimpleSet technology also tracks the programming history of the drivers, delivering greater control over time.

A Simple Flexible Solution



Philips Advance Xitanium LED drivers with SimpleSet technology have a designated blue area for contact with the programming device.

Tapping into the new Philips Advance Xitanium LED Drivers with SimpleSet is easy. First, you use Philips MultiOne — an intuitive software application — to set the desired parameters for the LED drivers. Then, after connecting the programming device to the computer, touch the device to the appropriate place on the driver (linear driver example shown on the left). The programming device wirelessly programs the driver, and the software provides visual and audio confirmation that the driver has been programmed successfully. This process works even when the drivers has been not powered on, delivering flexibility, assurance and speed.

Programming Has Never Been Easier



1. Take the driver out of the box. Locate the designated communication area on the driver.
2. Touch the LED driver to the programming device. Programming confirmation will appear on the monitor.
3. Install the driver into the fixture.





Stay Ahead of Business Demands

SimpleSet technology enables you to do more for your customers and your business. OEMs can quickly meet a broad range of customer requirements and order variations. In addition, wireless programming is flexible, so it can be incorporated directly into any and all areas of your product development process, warehouse and distribution. You have never-before-possibilities to create differentiation for your business.

And because there is no need to stock LED drivers with varying parameters, your inventory is reduced, which, in turn, reduces your costs and storage footprint. The efficiencies provided by wireless programming give you more opportunity to focus on growing your customer base and expanding your business.

Benefits of Wireless Programming Include:

Speed

- Program fixtures faster without requiring complex and time-consuming wiring mechanics or powering up drivers
- Achieve faster, more streamlined delivery for your distributors, designers and installers

Flexibility

- Program at any stage in the manufacturing process, either single components or multiple drivers at once, before or after installation in the fixture, or in the field
- Offer multiple-lumen packages without needing additional LED driver SKUs on hand

Reduced costs

- Meet a diverse set of customer needs without over-extending your SKUs or managing different driver SKUs
- Easily adjust devices that have been incorrectly programmed instead of replacing them with new drivers

Simplicity

- Deploy anywhere in the assembly process without complex training
- Intuitive for anyone in the value chain, regardless of experience

Security

- Set and protect proprietary information with dedicated memory space for OEMs with password protection
- Find correct replacement driver by just reading the driver information even without power



Pass The Power To Customers

As a lighting manufacturer, you can see the benefits of incorporating Philips Advance Xitanium LED Drivers with SimpleSet technology into your fixtures. Not only will this help you meet orders faster, but you'll also have an innovative solution to meet varying end-user needs without the time-consuming programming of today's LED drivers.

As you know, keeping up with an ever-growing and changing catalog of products makes it difficult for you and your distributors who are trying to meet the needs of lighting designers and contractors. However, when distributors purchase a luminaire with a Philips Advance Xitanium LED Driver with SimpleSet inside, they gain access to wireless programming technology that can enable them to quickly customize the luminaire to meet project specifications and reduce SKU complexity. You, as the luminaire manufacturer, control this functionality to further differentiate your business.

This technology also benefits lighting designers and installers by making it easier for them to implement the ideal lighting installation. For example, when the light output does not meet the vision for the project, designers and installers will have the ability to make adjustments directly in the field. With the new Philips technology, they can achieve the desired results on the spot, saving time and money on the project.

Tap Into The Power

You can begin reaping the benefits of this new technology with the release of the new Philips Advance Xitanium 75W Linear LED Driver. Following this will be the release of 40W and 25W linear drivers and a 250W outdoor LED driver. Further release of this technology is also planned in LED drivers for downlighting. Based on market feedback, the first parameter available for wireless programming will be drive current, with additional options to follow.

The powerful speed and flexibility of Philips Advance Xitanium Drivers with SimpleSet technology will change how you bring LED solutions to your customers. Don't waste more time and resources using antiquated approaches to manage LED light sources. Let us show you how our new technology can program LED drivers in near-real time. Ask your local Philips sales representative for more details and a demonstration of the wireless LED driver programming. To learn more, visit www.philips.com/ledsystemsna.





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