PHILIPS
ADVANCE

LED Drivers

Xitanium SR

Driver Solutions

LED

Connected lighting starts here

Philips Advance Xitanium SR LED drivers

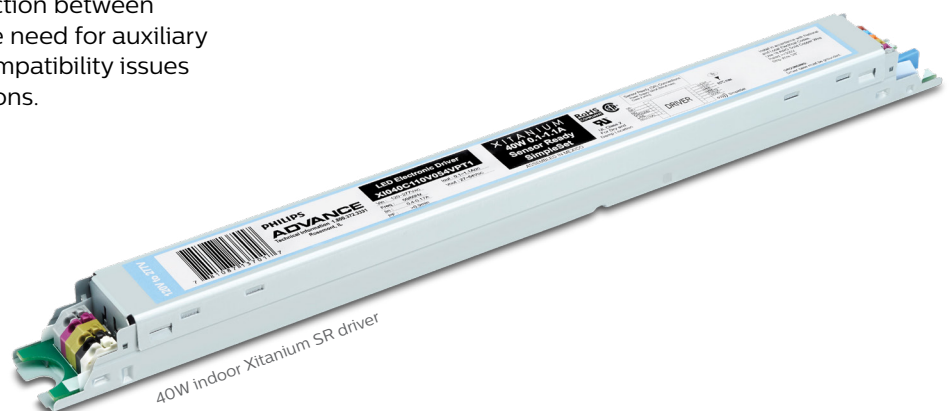# The foundation

of connected lighting systems

Simplicity and flexibility

Connected lighting systems are becoming an increasingly popular way to reduce energy costs, meet code compliance requirements and tap into emerging smart lighting applications.

The Philips Advance Xitanium SR LED driver portfolio provides a strong, cost-effective foundation for a wide range of connected lighting systems—from individual luminaire control to networked solutions. It standardizes the digital connection between driver and sensor, eliminating the need for auxiliary components while alleviating compatibility issues and time-consuming configurations.

This open-standard approach plus the drivers' easy design-in mean you get unparalleled flexibility to work with your choice of third-party controls, and you spend less time and effort bringing products to market.

Together with Philips, it has never been easier for you to create robust, cutting-edge connected lighting solutions.

40W indoor Xitanium SR driver

Standardization that makes sense

Xitanium SR LED drivers share the same footprint as our industry-leading LED drivers. You can be sure that implementation into current fixture designs will be simple and hassle-free.

- Includes an integral power supply. This means fewer components to purchase and manage, and less time assembling.

- Standardizing the digital connection between the driver and sensor means you can incorporate your preferred sensors and control systems from a growing list of SR-Certified Partners.

- A simple, two-wire connection is all you need to connect to various certified devices. As a result, fixtures for connected lighting become less complex and more practical.

The Xitanium SR driver is quickly moving toward becoming a formal industry standard that will drive a broader ecosystem of interoperable components, helping to ensure compatibility and driving connected lighting toward mainstream applications.

Connected lighting
anywhere

Philips Advance Xitanium SR LED drivers are **available for a wide array** of indoor, outdoor and industrial high-bay applications.

Indoor applications

The Xitanium SR LED driver continues to accelerate the integration of connected lighting into building management systems.

Models are available for 40W and 75W applications.

Standard features include:

· Digital interface for connecting to a multitude of certified third-party devices

· Integral power supply

· 4% power metering

Outdoor applications

With the same features as indoor drivers, outdoor SR drivers are further tailored for use in city management systems.

Models are available for 75W and 150W (class 1) as well as 95W (class 2).

· 24V AUX for high power nodes

· 2% power metering meeting proposed ANSI C136.52

· Logic signal input for standard motion sensors

· Diagnostics/asset management tools

Industrial high-bay applications

Industrial high-bay applications can be hard on lighting components. And most high-bay fixtures are not easily accessible for maintenance, which makes reliability and long life even more important.

Models are available for 95W (class 2). Outdoor SR drivers are also commonly used for this application.

40W indoor Xitanium SR driver

75W outdoor Xitanium SR driver

95W outdoor Xitanium SR driver

SimpleSet technology

With SimpleSet technology in Xitanium SR LED drivers, manufacturers can easily configure a wide array of parameters or program asset information quickly and efficiently—reducing manufacturing steps, simplifying work flow and saving time.
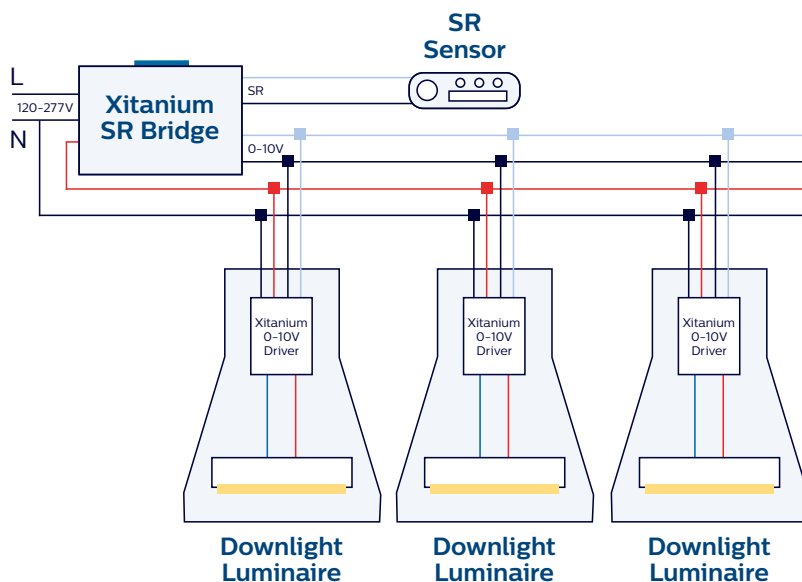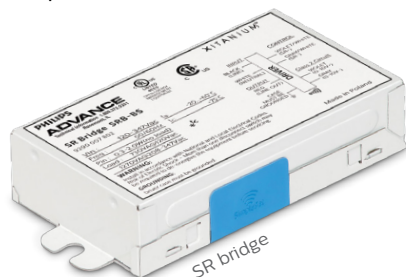
SR Certified program

To ensure seamless compatibility between Philips Advance Xitanium SR LED drivers, third-party sensors and control system, we created the SR Certified program with leading lighting control manufacturers. Transform lighting fixtures into nodes within the lighting network and enable transmission of system data through the local network or to the cloud. For a list of partners, refer to **philips.com/xitaniumsr/na**.

SR™
CERTIFIED

The SR Bridge

The SR Bridge allows multiple Xitanium 0–10V LED drivers to connect to an SR-compatible sensor and aggregates the group as one. It's an ideal way to bring the SR standard to downlighting applications or to fixtures using multiple drivers.

SR bridge

SR Sensor

L
120-277V
N

Xitanium SR Bridge

SR
0-10V

Xitanium 0–10V Driver

Xitanium 0–10V Driver

Xitanium 0–10V Driver

Downlight Luminaire

Downlight Luminaire

Downlight Luminaire

As the demand for energy-saving smart lighting continues to increase, the opportunity to implement fixture-based connected lighting technology increases as well. The Philips Advance Xitanium SR LED driver family will continue to expand within all major lighting applications, helping **maximize overall lighting cost savings while delivering benefits beyond illumination.**

Building the future of connected lighting
together

OEMs: Foundation for a connected future

Philips Advance Xitanium SR LED drivers reduce complexity and streamline luminaire manufacturing processes:

· Standard digital interface provides flexibility to work with your choice of third-party controls

· No need for auxiliary components or management of excessive parts

· Simple two-wire connection to the sensor

· Wireless luminaire-based data collection

· UL Listed (Class P), CSA and RoHS compliant

· SimpleSet wireless programming technology

Specifiers/ESCOs: Flexibility for your choice of controls

Specify Philips Advance Xitanium SR LED drivers and deliver lighting tailored to your customers' needs:

· Standard digital interface compatible with a growing list of sensors and networks to meet a wide range of application requirements

· Cost effectiveness—Reduce components, supply chain complexity and installation/maintenance time

· Luminaire-based data collection

Ready to get started?

Do you need help finding the right Xitanium SR LED driver, sensor or network partner? Or do you have a special application requiring an innovative connected lighting solution? Contact your local Philips sales representative, and we can help find the solution that's right for you.

To see our entire Xitanium SR portfolio or to learn more about Xitanium SR LED drivers, go to philips.com/xitaniumsr.

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