PHILIPS

Xitanium SR

LED driver

Xitanium
Sensor Ready
LED Driver

innovation ✦ you

A phone app connected via Bluetooth® extends the possibilities for data sharing

Philips Xitanium SR driver
Driving **connected lighting**

Connected lighting brings opportunities for energy saving, data collection, space management, and more. It enhances user comfort and enables cost benefits. The Philips Xitanium SR LED driver plays an important role as a building block for connected luminaires. It works seamlessly with a range of sensors, and smooths the path to the Internet of Things. With the Xitanium SR LED driver, it's easier to create luminaires for connected lighting applications.

Simplified luminaire design
The Xitanium SR LED driver is sensor ready. This means it doesn't just provide power conversion for LED lighting; it also features integrated sensor controllers, power supplies and energy metering functionality. Everything is integrated so very few external components are required. As a result, luminaire design, manufacture and installation are greatly simplified and more cost effective.

Every luminaire becomes a node
By delivering actionable operational data such as energy consumption, daylight harvesting and occupancy patterns to a building management system, every luminaire becomes a connected lighting node. The Xitanium SR LED driver is a simple and cost-effective way of stepping into the rapidly growing world of connected lighting.

Accelerate your connected lighting business
Standard DALI 2.0 communications between driver and sensor means that you can choose from a wide range of sensors manufacturers to design the solution that's right for you and your customers. By working together and matching technologies, OEMs, sensor manufacturers and system integrators realize seamless connectivity.

SR Certified program

For the ultimate reassurance of connectivity, Philips has also introduced the SR Certified program, which is a list of all companies, components and sensors that are certified to work with the Xitanium SR LED driver. It's the seal of approval you need for putting together a connected solution from participating parts suppliers and service providers. The world of connected lighting is growing fast. You can play a role in accelerating its growth.

The SR Certified program is a foundation for successful partnerships. Let's connect.

Connectivity in linear lighting

The Xitanium SR LED driver is designed for use with sensors in building management systems. Via an integrated power supply, sensors and wireless modules are powered directly from the driver. The driver also features integrated energy metering for use in building management systems from the SR Certified partner program.

The EasySense Standalone SNS100 is a presence and daylight sensor that can be used with the Xitanium SR LED driver to create a cost-effective, easy-to-use and mainstream dimming system with a short payback. Powered by the driver, it is easy to integrate into your luminaire.

In line with your requirements
› Cost effective – fewer components, simpler supply chain and faster installation
› Design-in simplicity – unified interface lets you choose sensors and network partners
› Flexible – can be connected to a range of sensors for system integration
› Luminaire-based data collection – gather valuable sensor data for the network
› Installation friendly – fewer components, less ceiling wiring, less time on the ladder

Xitanium SR driver

Commercial name	Housing	Output current range	Output voltage range	Dimming range	DALI power supply max. supply current	Energy metering accuracy	Order code*
	mm	mA	V	%	mA	%	EOC
Xitanium SR 36W 0.3–1..0A 54V /Is	360x30x21	300–1000	27–54	100–10	52	4	8718696567715

*From April 2016, the first Philips Xitanium SR LED driver and sensor are available.

EasySense

Commercial name	Housing (volume inside luminaire)	Req. Luminaire hole	Occupancy technology	Detection area at 3m height (minor movement)	Detection area at 2.4m height (minor movement)	Viewing Angle	Full light dimlevel	Operating Ambient temperature	Order code*
	mm	mm		m	m		%	°C	EOC
EasySense StandAlone SNS100	50x19x31.5 (50x19x24)	44x17	Passive IR	3.6x3.4	2.9x2.7	X=72°Y=86°	5–100%	0–55	8718699690035200

*From April 2016, the first Philips Xitanium SR LED driver and sensor are available

EasySense wireless sensors

The Philips EasySense wireless sensor range is compatible with the Xitanium SR LED driver. These sensors provide cost-effective, mainstream sensing, combined with ease-of-integration.

EasySense sensors use wireless communication , reducing cabling and installation cost and are therefore perfectly suitable for renovation projects. The full range will be easy to commission using a mobile app.

After the launch of the standalone sensor in Q1 2016, we will extend the range with advanced grouping sensors that communicate wirelessly using ZigBee to provide group dimming functionality. The portfolio will be further extended to include other applications as well as gateways to offer 'personal control' solutions using a smartphone. With this solution you can provide cost-effective wireless energy saving solutions with dimming, perfectly suited for office renovations, because it does not need re-cabling or opening walls and ceilings.