Delivering greater value for your customers

Raising the bar

for standard features

In today's competitive marketplace, luminaire manufacturers need new ways to differentiate their products — **new ways to stand out among the competition and meet rising customer expectations.**

Advance Xitanium LED drivers with ComfortFade and auxiliary output offer a unique opportunity to **deliver a premium and customizable solution to your customers.**

It's time to **expect more**

These drivers are setting a new standard for performance, versatility, and reliability.

- The ComfortFade feature delivers smooth transitions from light to dark and dark to light

- Built-in auxiliary power allows the addition of occupancy and daylight sensors and small radios without an additional power pack

- SimpleSet programming can allow OEMs to customize the profile to match customer applications in seconds

This is on top of the existing features that have made Xitanium drivers *the* choice for OEMs:

- Low-ripple output current (<4%) for camera and scanner compatibility

- Class P listings to ensure interchangeability without extensive compliance retesting

- Efficient designs with performance ranges

- 5-year limited warranty*

*See https://www.signify.com/en-us/support/warranties for full details

An easy way to
enable smooth transitions

With ComfortFade, you can easily customize the time it takes for luminaires to fade on or dim off via a sensor. Whether it's a more gradual transition for occupant comfort or a code-compliant transition at dim levels below 1%, one driver covers it all.

ComfortFade is designed with ease of use in mind, just set the dim level and transition time for on or off, and the driver calculates the dimming curves by itself.
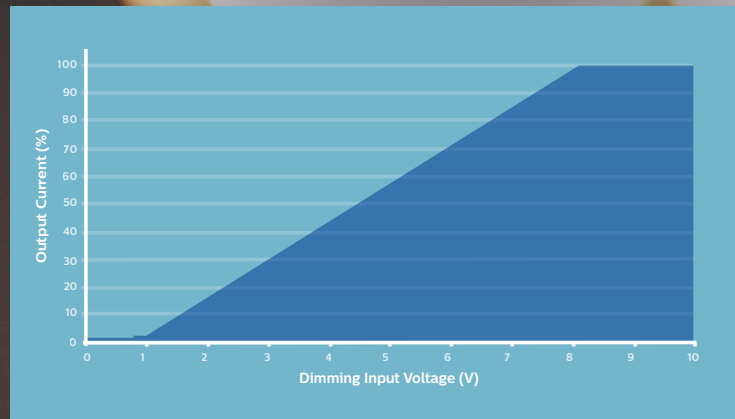

Part Number	12NC Number	Pout Max (W)
XI030C090V054PST1	929001759113	30
XI040C110V054PST2	929001780613	40
XI050C140V054PST2	929001780713	50
XI0750C200V054PST1	929001758413	75

A simple solution
## for fixture–level control

Adding occupancy sensors, simple radios, or daylight harvesting controls is a great way to reduce energy consumption and meet regulatory requirements. Advance Xitanium LED drivers make it easy with a built-in 24V auxiliary output for fixture-level control.

The auxiliary output is compatible with a wide range of off-the-shelf 0–10V controls, and it eliminates the need for an additional power pack — all while maintaining the original linear Xitanium footprint.
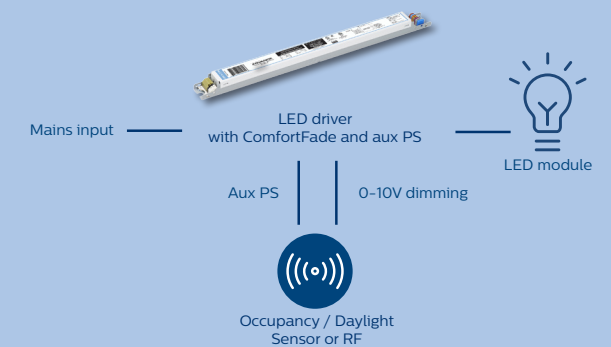
A wide range of applications
with fewer SKUs

Xitanium LED drivers with ComfortFade and auxiliary output are available in 30W, 40W, 50W, and 75W models to cover a wide range of lumen packages. We've also expanded the operating window down to 16V to cover lower-voltage applications.
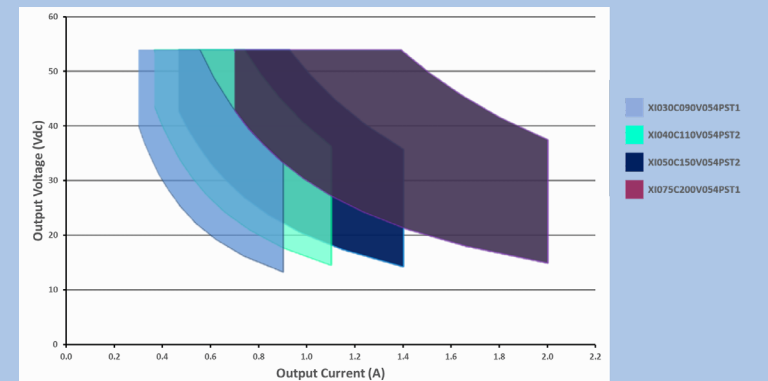
ComfortFade
Sensor Compatability

The Philips EasySense SNS010C is an infrared bi-level occupancy sensor with daylight harvesting capability. It is powered by the LED driver with Aux power supply (12-24VDC) and provides control via 0-10V dimming. Different combinations of lighting output and dimming profile can be configured using the eight dip-switches. It also supports automatic daylight calibration with a patent-pending routine using the electrical on-off switch for the light fixture.

www.philips.com/easysense

Approved Sensor List	
Manufacturer	**Manufacturer Part Number**
Philips EasySense	SNS010C
WattStopper	ADF-120277 Dimmer
	LS-301
	FSP-301
	FSP-202
Enlighted	SU5
Magnum Energy Solutions	Mx-OPUS-CHML10V
	Mx-OPUS-LBKO10-LS
	Mx-OPUS-10V12
	Mx-OPUS-MLHB10V
	Mx-OPUS-HBKO10V
	Mx-OPUS-DR10V
Nedap	Luxon IoT node (9984976)
McWong	PSC-BL series

LED Drivers

Xitanium Indoor

ComfortFade
and Auxiliary
Output Solutions

An economical lighting
control solution

Pairing the Philips EasySense SNS010C sensor and Advance ComfortFade with Auxiliary Output is the most economical way to enable occupancy and daylight control in a lighting fixture.

- » Per-fixture control
- » Motion detection
- » Daylight sensing
- » Bi-level dimming
- » Out of the box with common defaults
- » 256 customizable settings

Occupancy Sensing Coverage (ft)

Coverage Top View

Coverage Side View

30'
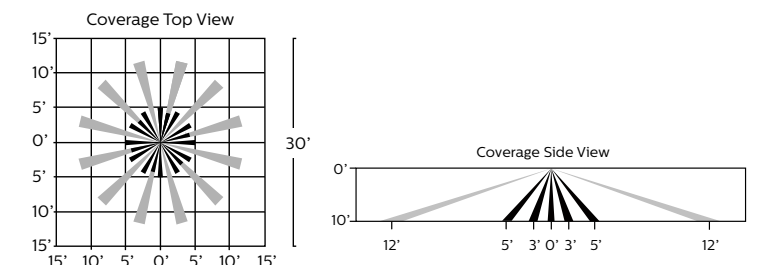
Maximum mounting use 15ft.

Recommended mounting use 8 - 12 ft.

The detection area for movement sensor can be roughly divided into two parts:

Minor movement (person moving < 3.0'/s or 0.9m/s)

Major movement (person moving > 3.0'/s or 0.9m/s)

SimpleSet technology

With SimpleSet wireless programming technology, you can configure a wide array of parameters quickly and efficiently, simplifying your workflow.

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

OEM
support

No matter where you are with LED adoption, we can help. We have sales professionals and engineers ready to assist with any part of the process.

We also offer a host of resources to help you get the most out of Signify LED technology.

- An online Easy Design-in Tool to help you configure a complete LED system with driver and modules: www.signify.com/en-us/portfolio/ oem/tools-and-software/easy-design-in-tool.

- Design-in services to help you validate your solutions with robust testing to your desired tolerances (subject to project qualification):
  » Thermal
  » Mechanical
  » Electrical
  » Optical testing to your desired tolerances to help with the validation process
  » Combine with an LED Module from our Fortimo product line for a system solution
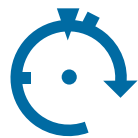
A competitive edge
for your business

Advance Xitanium LED drivers with ComfortFade, SimpleSet, and auxiliary output give you an easy way to deliver greater value for your customers with the features and functionality end users are expecting in today's LED fixtures.

Contact your Signify representative today to learn more about our comprehensive and ever-evolving portfolio of LED solutions.

For more information please visit www.signify.com/comfortfade

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