

# Plug & play simplicity + high tech functionality

The efficiency of retrofit lighting projects doesn't have to limit functionality. And technology doesn't have to be complicated. Philips Lighting InstantFit LED T8 lamps with EasySmart Technology are the first and only wireless, network-capable linear lamp retrofits to offer the best of all worlds without compromise. By retrofitting your existing linear fixtures with EasySmart, you can save time, money and effort, while at the same time, those in the space enjoy personalized, wireless lighting control to boost productivity and comfort.



## Features

- Instant start ballast compatible\*
- Color temperature options of 3000K, 3500K, 4000K and 5000K with a CRI of 80
- Lumens: 2100 lm
- Wattage: 14W (bare lamp)
- Voltage: 120/277V (50/60Hz)
- 50,000 hour rated life (B50/L70)
- 5-year limited warranty†

## Select your solution

See how InstantFit LED T8 lamps with EasySmart can provide answers to your ever-changing lighting requirements by contacting your local Philips Lighting sales representative or visiting [philips.com/EasySmart](http://philips.com/EasySmart).



\* Please refer to [Philips.com/EasySmart](http://Philips.com/EasySmart) for instant start ballast details and the latest ballast compatibility guide.

† For information on Philips' limited warranty please visit [www.philips.com/warranties](http://www.philips.com/warranties)



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PHILIPS



LED

InstantFit T8

with EasySmart  
technology



# Get smart, the **easy way**

EasySmart technology gives you hassle-free flexibility for ever-changing lighting needs

# Clear energy savings + advanced capabilities

InstantFit LED T8 lamps with EasySmart provide up to 50% energy savings<sup>1</sup> compared to fluorescent 32W T8 lamps, and retain consistent light quality over the long 50,000 hour lifetime<sup>2</sup>. Energy savings can be enhanced an additional 20-40% through dimming, occupancy sensing and daylight harvesting.

The fully encrypted ZigBee 3.0 open standard protocol provides easy and secure wireless networking across a wide range of control devices, with network capability and hassle-free software updates and upgrades at any time. Additionally, convenient wireless tools group up to 50 lamps per switch to facilitate changing needs, or allow the lamps to be task-tuned and personalized for those in the space.



**50,000 hrs lifetime<sup>2</sup>**

- On/off and dimming without rewiring the fixture when used with instant start ballast\* and Zigbee communicating wall dimmer<sup>1</sup>
- Individual or group lamp control for zoning
- Self-healing mesh network for reliability and security



**50% energy savings<sup>†</sup>**

- Shatterproof design for use in a variety of applications
- Fully scalable from one room to your entire building
- Programmable sequence of operation for personal comfort and energy savings

\* Please refer to Philips.com/EasySmart for instant start ballast details and the latest ballast compatibility guide.

<sup>†</sup> Savings based on comparison to F32T8 electronic instant start systems.

## Save



InstantFit TLED  
.....  
EasySmart  
.....

## Quick installation + enhanced performance

The easiest solution to control and automate your lighting with the benefits of LED. For the first time, Philips InstantFit LED T8 lamps with EasySmart

Technology allow you to convert to LED and achieve dimming while still using an instant start ballast. Dimming without rewiring? It's easy, it's smart.

### Ordering guide

Model	Product Number	Ordering Code	Lamp Wattage	System Wattage	Volts	Initial Lumens	Base	CRI	Color Temp (K)
9290012811	46645-8	14T8/48-3000 IF 10/1 EasySmart	14.00	17.00	120/277	2000	G13	82	3000
9290012812	46646-6	14T8/48-3500 IF 10/1 EasySmart	14.00	17.00	120/277	2000	G13	82	3500
9290012813	46647-4	14T8/48-4000 IF 10/1 EasySmart	14.00	17.00	120/277	2100	G13	82	4000
9290012814	46648-2	14T8/48-5000 IF 10/1 EasySmart	14.00	17.00	120/277	2100	G13	82	5000

Package Quantity	LED Lifetime (Hrs) <sup>2</sup>	MOL (In.)	Beam Angle	Weight (oz.)
10	50,000	48	160	9.2
10	50,000	48	160	9.2
10	50,000	48	160	9.2
10	50,000	48	160	9.2

1. Please see list of compatible devices at Philips.com/EasySmart.

2. LED Lifetime means the length in time (hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50,L70). Testing with a ballast factor <= 0.88.