

PHILIPS

LED

InstantFit T8

with EasySmart
technology



Get smart lighting... **the easy way**

InstantFit LED T8 lamps with EasySmart technology mean intelligent control without rewiring. This is truly hassle-free flexibility for your ever-changing lighting needs

- On/off and dimming without rewiring the fixture when used with instant start ballast* and Zigbee communicating wall dimmer
- Individual or group lamp control for zoning
- Programmable sequence of operation for personal comfort and energy savings
- Shatterproof design for use in a variety of applications
- Self-healing mesh network for reliability and security
- Fully scalable from one room to your entire building
- Save over 50% energy savings¹ through dimming, occupancy sensing and daylight harvesting



InstantFit LED T8 lamp with EasySmart technology

Philips InstantFit LED T8 lamps

Ordering, electrical and technical data (Subject to change without notice)

Product No.	Model No.	Ordering Code	Volts (Depending on Ballast)	Base	CRI	Color Temp. (K)	Pkg Qty	LED Lifetime ²	MOL (In.)	Beam Angle
46645-8	9290012811	14T8/48-3000 IF 10/1 EasySmart	120/277	G13	82	3000	10	50,000	48	160°
● 46646-6	9290012812	14T8/48-3500 IF 10/1 EasySmart	120/277	G13	82	3500	10	50,000	48	160°
● 46647-4	9290012813	14T8/48-4000 IF 10/1 EasySmart	120/277	G13	82	4000	10	50,000	48	160°
● 46648-2	9290012814	14T8/48-5000 IF 10/1 EasySmart	120/277	G13	82	5000	10	50,000	48	160°

Ballast technical data (Subject to change without notice)

Product No.	Bare Lamp Watts (W)			Average System Watts (W) ³			Initial Lumens ⁴		
	Low Ballast Factor (0.78)	Normal Ballast Factor (0.88)	High Ballast Factor (1.18)	Low Ballast Factor (0.78)	Normal Ballast Factor (0.88)	High Ballast Factor (1.18)	Low Ballast Factor (0.78)	Normal Ballast Factor (0.88)	High Ballast Factor (1.18)
46645-8	12.00	14.00	14.00	15.00	17.00	17.00	1800	2000	2000
46646-6	12.00	14.00	14.00	15.00	17.00	17.00	1800	2000	2000
46647-4	12.00	14.00	14.00	15.00	17.00	17.00	1900	2100	2100
46648-2	12.00	14.00	14.00	15.00	17.00	17.00	1900	2100	2100

Accessories

Ordering Code	Product Number	Product Description
473504	929001390604	EasySmart IR Programming Tool 10/1

Control compatibility

Philips EasySmart LED tubes now work with:

Brand	Model ID/ Order Code	Product Description
Leviton	DLDNK-01W	Intellect Decora Lumina RF 1-Button multi-function BLE keypad with room controller and LED feedback functionality, 120-277VAC, 50/60Hz, White
Leviton	DLDNK-02W	Intellect Decora Lumina RF 2-Button multi-function BLE keypad with room controller and LED feedback functionality, 120-277VAC, 50/60Hz, White
Leviton	DLDNK-04W	Intellect Decora Lumina RF 4-Button multi-function BLE keypad with room controller and LED feedback functionality, 120-277VAC, 50/60Hz, White
Leviton	DLDNK-08W	Intellect Decora Lumina RF 8-Button multi-function BLE keypad with room controller and LED feedback functionality, 120-277VAC, 50/60Hz, White
Leviton	ZSC04-1xW	Lumina RF PIR Occupancy Sensor, 450 sq ft
Leviton	ZSC15-1xW	Lumina RF PIR Occupancy Sensor, 1,500 sq ft
Leviton	LURPC-00W	Lumina RF Wireless Photocell
Leviton	FREE	Neuron App

* Please refer to www.philips.com/easysmart for instant start ballasts details and the latest compatibility for EasySmart lamps.

For more information on Philips' limited warranty please visit www.philips.com/warranties.

- Savings based on comparison to F32T8 electronic instant start systems. Savings based on operating InstantFit T8 LED with EasySmart technology with advanced controls such as occupancy sensing and/or dimming.
- LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70). Testing with a ballast whose ballast factor is ≤ 0.88 .
- Measured data provided as a reference. System power may vary depending on ballast manufacturer and ballast age. Please refer to philips.com/EasySmart for the latest ballast compatibility guide.
- Photometric testing consistent with IES LM-79.
 - This lamp is DLC 4.0 qualified.



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