

# Easily upgrade to LED from fluorescent.



## PHILIPS INSTANTFIT LED T8 LAMPS



**Philips InstantFit LED T8 Lamps** are an ideal energy saving choice for existing linear fluorescent fixtures.

### Perfect for a wide range of applications

- Full light output in spaces with temperatures down to -22°F (-30°C)
- Perfect for applications with frequent “on/off” switching cycles
- Buildings that desire to be mercury free

### Easy to experience

- Instant on, no flicker or buzz
- Fits into existing linear fixtures
- Compatible with Instant Start ballasts<sup>1</sup> eliminating the need for rewiring and allows fixture to maintain original UL and CSA compliance

### Energy savings

- Over 41% energy savings vs F32T8 electronic instant start systems<sup>2</sup>

### Sustainable lighting solution

- No mercury allowing for non-hazardous waste disposal
- Emits virtually no UV rays or IR
- Glass-free for use in food areas and refrigerated food displays
- 4 year limited warranty<sup>3</sup>

(1, 2, 3, See back page for footnotes)



# PHILIPS

# PHILIPS INSTANTFIT LED T8 LAMPS

## Ordering, Electrical and Technical Data (Subject to change without notice)

Product No.	Model No.	Ordering Code	Volts	Base	CRI	Color Temp. (K)	Pkg Qty	Rated Avg. Life <sup>5</sup>	MOL (In.)	Beam Angle
433060	9290002840	14.5T8/48-3000 IF 10/I	120-277, 347	G13	83	3000	10	40,000	48	160
433268	9290002862	14.5T8/48-3500 IF 10/I	120-277, 347	G13	83	3500	10	40,000	48	160
433078	9290002841	14.5T8/48-4000 IF 10/I	120-277, 347	G13	83	4000	10	40,000	48	160
433086	9290002842	14.5T8/48-5000 IF 10/I	120-277, 347	G13	83	5000	10	40,000	48	160

Product No.	Ordering Code	Model No.	Bare Lamp Watts (W)			Average System Watts (W)			Initial Lumens <sup>4</sup>		
			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)
433060	14.5T8/48-3000 IF 10/I	9290002840	12.5	14.5	20	14.5	16.5	22	1300	1500	1900
433268	14.5T8/48-3500 IF 10/I	9290002862	12.5	14.5	20	14.5	16.5	22	1300	1500	1900
433078	14.5T8/48-4000 IF 10/I	9290002841	12.5	14.5	20	14.5	16.5	22	1400	1600	2000
433086	14.5T8/48-5000 IF 10/I	9290002842	12.5	14.5	20	14.5	16.5	22	1450	1650	2100

1. Must follow guidelines for installation from Philips Quick Installation Guide included with lamp shipment.  
 2. (2) Lamp F32T8 Electronic Instant Start System with 0.88 Ballast Factor= 58 SystemWatts (2) Philips LED T8 InstantFit = 34 SystemWatts 58 - 34 = 24 SystemWatts Saved 24 / 58 = 41.4% Energy Saved

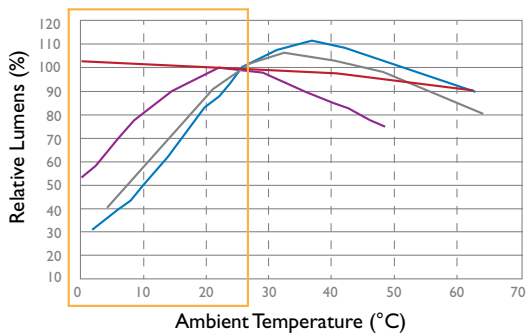
3. See warranty for terms and conditions.  
 4. Photometric testing consistent with IES LM-79.  
 5. Tested to B50 L70 requirement.

## Ballast Compatibility Guide

Please refer to [www.philips.com/tled](http://www.philips.com/tled) for instant start ballasts details and the latest ballast compatibility guide.

### Relative Light Output vs. Ambient Temperature

4' T8 Lamps – 0.88 BF Ballast



— 25W — 28W — 32W T8 — 14.5W InstantFit TLED  
 Relative light output with respect to 25°C rated temperature

Suitable for use in fixtures where ambient temperature is between -22°F (-30°C) and 113°F (45°C).

**Warning:** Philips LED T8 InstantFit lamps will only operate properly on compatible instant-start ballasts. Please refer to the Philips LED T8 InstantFit Installation Guide, which can be obtained through your local Philips Sales Representative, or visit [www.philips.com/tled](http://www.philips.com/tled)



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