

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 -4°F (-20°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 ballasts¹ eliminating the need for rewiring and allows fixture to maintain original UL and CSA compliance

Energy savings

- 41% energy savings vs F32T8 electronic instant start systems²

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
- 5 year limited warranty³

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



PHILIPS

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	Rated Avg. Life ³	MOL (In.)	Beam Angle
LED Instant Fit T8 - 4'										
433060	9290002840	14.5T8/48-3000 IF 10/1	120-277, 347	G13	82	3000	10	50,000	48	160
433268	9290002862	14.5T8/48-3500 IF 10/1	120-277, 347	G13	82	3500	10	50,000	48	160
433078	9290002841	14.5T8/48-4000 IF 10/1	120-277, 347	G13	82	4000	10	50,000	48	160
433086	9290002842	14.5T8/48-5000 IF 10/1	120-277, 347	G13	82	5000	10	50,000	48	160
LED Instant Fit T8 - 4' High Output										
434860	9290002880	16.5T8/48-3000 IF 10/1	120-277, 347	G13	82	3000	10	50,000	48	160
434878	9290002881	16.5T8/48-3500 IF 10/1	120-277, 347	G13	82	3500	10	50,000	48	160
434886	9290002882	16.5T8/48-4000 IF 10/1	120-277, 347	G13	82	4000	10	50,000	48	160
434894	9290002883	16.5T8/48-5000 IF 10/1	120-277, 347	G13	82	5000	10	50,000	48	160
LED Instant Fit T8 - 3'										
452052	9290011183	10.5T8/36-3000 IF 10/1	120-277, 347	G13	82	5000	10	50,000	36	160
452060	9290011184	10.5T8/36-3500 IF 10/1	120-277, 347	G13	82	5000	10	50,000	36	160
452078	9290011185	10.5T8/36-4000 IF 10/1	120-277, 347	G13	82	5000	10	50,000	36	160
452086	9290011186	10.5T8/36-5000 IF 10/1	120-277, 347	G13	82	5000	10	50,000	36	160
LED Instant Fit T8 - 2' High Output										
452011	9290011179	8.5T8/24-3000 IF 10/1	120-277, 347	G13	82	3000	10	50,000	24	160
452029	9290011180	8.5T8/24-3500 IF 10/1	120-277, 347	G13	82	3500	10	50,000	24	160
452037	9290011181	8.5T8/24-4000 IF 10/1	120-277, 347	G13	82	4000	10	50,000	24	160
452045	9290011182	8.5T8/24-5000 IF 10/1	120-277, 347	G13	82	5000	10	50,000	24	160
LED Instant Fit T8 U-Bent- 6" High Output										
452664	9290011196	16.5T8/22.5-3000 IF-6U 10/1	120-277, 347	G13	82	3000	10	50,000	22.5	160
452672	9290011197	16.5T8/22.5-3500 IF-6U 10/1	120-277, 347	G13	82	3500	10	50,000	22.5	160
452680	9290011198	16.5T8/22.5-4000 IF-6U 10/1	120-277, 347	G13	82	4000	10	50,000	22.5	160
452698	9290011199	16.5T8/22.5-5000 IF-6U 10/1	120-277, 347	G13	82	5000	10	50,000	22.5	160

Please refer to www.philips.com/instantfit for instant start ballasts details and the latest ballast compatibility guide.

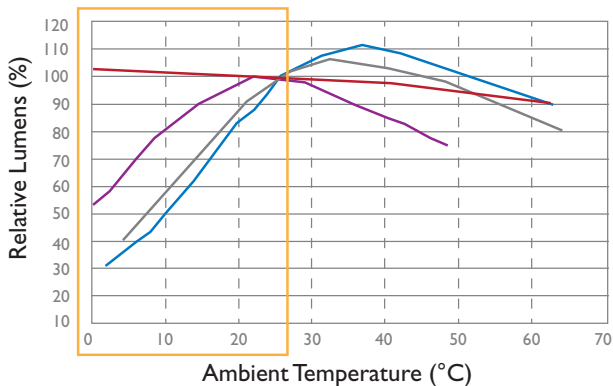
1. Must follow guidelines for installation from Philips Quick Installation Guide included with lamp shipment.
2. (2) Lamp F32T8 Electronic Instant Start System with 0.88 Ballast Factor= 58 SystemWatts (2) Philips LED T8 InstantFit = 34 SystemWatts 58 - 34 = 24 SystemWatts Saved 24 / 58 = 41.4% Energy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

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

- This lamp is currently in DLC testing.
- This lamp is DLC qualified.

Relative Light Output vs. Ambient Temperature

4' T8 Lamps – 0.88 BF Ballast



Suitable for use in fixtures where ambient temperature is between -4°F (-20°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

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

PHILIPS INSTANTFIT LED T8 LAMPS

Bare Lamp Watts (W)			Average System Watts (W)			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)
LED Instant Fit T8 - 4'								
12.5	14.5	20	14.5	16.5	22	1300	1500	1900
12.5	14.5	20	14.5	16.5	22	1300	1500	1900
12.5	14.5	20	14.5	16.5	22	1400	1600	2000
12.5	14.5	20	14.5	16.5	22	1450	1650	2100
LED Instant Fit T8 - 4' High Output								
14	16.5	21	17.5	19	25.5	1800	2000	2700
14	16.5	21	17.5	19	25.5	1800	2000	2700
14	16.5	21	17.5	19	25.5	1900	2100	2800
14	16.5	21	17.5	19	25.5	1950	2150	2900
LED Instant Fit T8 - 3'								
9.5	10.5	13.5	12.5	13	17	1000	1100	1330
9.5	10.5	13.5	12.5	13	17	1050	1160	1400
9.5	10.5	13.5	12.5	13	17	1080	1200	1440
9.5	10.5	13.5	12.5	13	17	1150	1270	1550
LED Instant Fit T8 - 2' High Output								
7.5	8.5	10.5	10	11	14.5	860	950	1110
7.5	8.5	10.5	10	11	14.5	900	1000	1170
7.5	8.5	10.5	10	11	14.5	930	1050	1200
7.5	8.5	10.5	10	11	14.5	1000	1100	1290
LED Instant Fit T8 U-Bent- 6" High Output								
14	16.5	21	17.5	19	25.5	1800	2000	2700
14	16.5	21	17.5	19	25.5	1800	2000	2700
14	16.5	21	17.5	19	25.5	1900	2100	2800
14	16.5	21	17.5	19	25.5	1950	2150	2900





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