

PHILIPS

LED

InstantFit lamps



Easily upgrade to LED from fluorescent.

We offer several models of TLEDs that are now **North American Free Trade Agreement and Trade Agreements Act Compliant**, extending the quality, reliability and affordability of Philips solutions to the US Federal Government.

Benefits

- 50% energy savings v/s F32T8 electronic instant-start systems¹
- Can be used in food areas and refrigerated food displays
- Convert to LED technology without the need to re-wire the fixture²
- Long life (50,000 hours³) v/s F32T8 fluorescent lamps (38,000 hours)
- Can be switched "on/off" frequently
- No Mercury, allowing for non-hazardous waste disposal
- Light distribution that uniformly illuminates the work surface

Features

- Compatible with a wide range of electronic instant-start, programmed-start, & emergency ballasts; select models are compatible with dimming ballasts⁴
- Certain models feature a plastic shatter-proof construction
- Plastic models are made with a UL94V-0 flame retardant material
- Fits into the existing fluorescent sockets (eg. G13)
- Contains no mercury
- Low temperature operation (down to -4 F or -20C)
- Negligible UV radiation (less than 1 uW/lm for wavelengths shorter than 425 nm)
- 160 degree beam angle
- Features a 5 year limited warranty⁵

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North American Free Trade Agreement and Trade Agreements Act Compliant Philips InstantFit LED T8 Lamps

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

Philips No.	Grainger No.	Ordering Code	Volts (Depending on Ballast)	Base	CRI	Color Temp. (K)	Pkg Qty	LED Lifetime ³	MOL (In.)	Beam Angle
InstantFit LED T8 - 4'										
46956-9	52ZX63	10T8/48-3000 IF 10/1 TAA/NAFTA	120-277,347-480	G13	82	3000	10	50,000	48	160°
46957-7	52ZX64	10T8/48-3500 IF 10/1 TAA/NAFTA	120-277,347-480	G13	82	3500	10	50,000	48	160°
46958-5	52ZX65	10T8/48-4000 IF 10/1 TAA/NAFTA	120-277,347-480	G13	82	4000	10	50,000	48	160°
46959-3	52ZX66	10T8/48-5000 IF 10/1 TAA/NAFTA	120-277,347-480	G13	82	5000	10	50,000	48	160°
InstantFit LED T8 - 4' Dimmable¹ High Output										
46960-1	52ZX67	14T8/48-3000 IF 10/1 TAA/NAFTA	120-277,347-480	G13	82	3000	10	50,000	48	160°
46961-9	52ZX68	14T8/48-3500 IF 10/1 TAA/NAFTA	120-277,347-480	G13	82	3500	10	50,000	48	160°
46962-7	52ZX69	14T8/48-4000 IF 10/1 TAA/NAFTA	120-277,347-480	G13	82	4000	10	50,000	48	160°
46963-5	52ZX70	14T8/48-5000 IF 10/1 TAA/NAFTA	120-277,347-480	G13	82	5000	10	50,000	48	160°

Shipping Data (Subject to change without notice)

Product No.	Grainger No.	SKU UPC (0-46677)	Outer Bar Code (5-00-46677)	Case Qty.	Case Weight (lbs.)	Case Cube (cu. Ft.)	Pallet Qty	Lamps/SKU	SKUs per Layer	Layers High	SKU Dimensions (L x W x H) (In.)	Case Dimensions (L x W x H) (In.)	Pallet Dimensions (L x W x H) (In.)
InstantFit LED T8 - 4'													
46956-9	52ZX63	46420-2	46420-7	10	9.70	0.59	600	1	60	10	1.1 x 1.1 x 48.0	48.8 x 6.0 x 3.5	49.2 x 39.4 x 40.9
46957-7	52ZX64	46421-9	46421-4	10	9.70	0.59	600	1	60	10	1.1 x 1.1 x 48.0	48.8 x 6.0 x 3.5	49.2 x 39.4 x 40.9
46958-5	52ZX65	46422-6	46422-1	10	9.70	0.59	600	1	60	10	1.1 x 1.1 x 48.0	48.8 x 6.0 x 3.5	49.2 x 39.4 x 40.9
46959-3	52ZX66	46423-3	46423-8	10	9.70	0.59	600	1	60	10	1.1 x 1.1 x 48.0	48.8 x 6.0 x 3.5	49.2 x 39.4 x 40.9
InstantFit LED T8 - 4' Dimmable High Output													
46960-1	52ZX67	46424-0	46424-5	10	9.70	0.59	600	1	60	10	1.1 x 1.1 x 48.0	48.8 x 6.0 x 3.5	49.2 x 39.4 x 40.9
46961-9	52ZX68	46425-7	46425-2	0	9.70	0.59	600	1	60	10	1.1 x 1.1 x 48.0	48.8 x 6.0 x 3.5	49.2 x 39.4 x 40.9
46962-7	52ZX69	46426-4	46426-9	10	9.70	0.59	600	1	60	10	1.1 x 1.1 x 48.0	48.8 x 6.0 x 3.5	49.2 x 39.4 x 40.9
46963-5	52ZX70	46427-1	46427-6	10	9.70	0.59	600	1	60	10	1.1 x 1.1 x 48.0	48.8 x 6.0 x 3.5	49.2 x 39.4 x 40.9

- (2) Lamp F32T8 Electronic Instant Start System with 0.88 Ballast Factor= 58 System Watts; (2) Philips LED T8 InstantFit =29 System Watts; 58 - 29 = 29 System Watts Saved; 29/58 = 50% Energy Saved.
- Must follow guidelines for installation from Philips Quick Installation Guide included with lamp shipment.
- 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
- Please refer to the InstantFit ballast compatibility guide @ www.philips.com/instantfit. Compatibility subject to change as additional ballasts are tested. If you do not see your ballast on the compatibility list please contact your local Philips Lighting representative.
- For more information on Philips' limited warranty please visit www.philips.com/warranties

For more information, contact your Grainger Representative or visit www.grainger.com

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